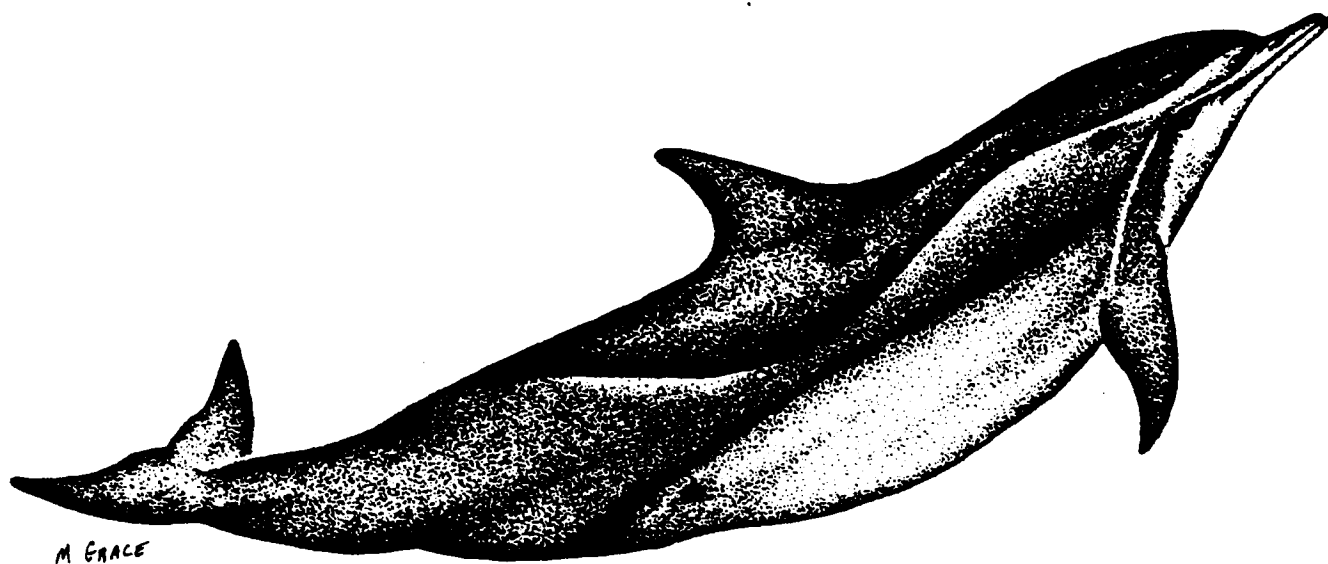


Distribution and Abundance of Cetaceans in the North-Central and Western Gulf of Mexico, Final Report

Volume III: Appendix B



U.S. Department of the Interior
Minerals Management Service
Gulf of Mexico OCS Region

Distribution and Abundance of Cetaceans in the North-Central and Western Gulf of Mexico, Final Report

Volume III: Appendix B

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Prepared under MMS Contract
14-35-0001-30619 and
Interagency Agreement 16197
by
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Southeast Fisheries Science Center
National Marine Fisheries Service
75 Virginia Beach Drive
Miami, Florida 33149

Published by

**U.S. Department of the Interior
Minerals Management Service
Gulf of Mexico OCS Region**

**New Orleans
May 1996**

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CITATION

Suggested citation:

Davis, R.W., and G.S. Fargion, eds. 1996. Distribution and abundance of cetaceans in the north-central and western Gulf of Mexico: Final report. Volume III: Appendix B. OCS Study MMS 96-0028. Prepared by the Texas Institute of Oceanography and the National Marine Fisheries Service. U.S. Dept. of the Interior, Minerals Mgmt. Service, Gulf of Mexico OCS Region, New Orleans, LA. 501 pp.

ABOUT THE COVER

The cover art depicts a clymene dolphin and is the work of Mark Grace, an employee of the National Marine Fisheries Service Laboratory at Pascagoula, MS.

ABSTRACT

The purpose of this study (hereafter referred to as the GulfCet Program) was to determine the distribution and abundance of cetaceans (whales and dolphins) in areas potentially affected by future oil and gas activities along the continental slope in the north-central and western Gulf of Mexico. This 3.75 year project commenced on 1 October 1991 and concluded on 15 July 1995. The study area was bounded by the Florida-Alabama border, the Texas-Mexico border, and the 100 m and 2,000 m isobaths. The distribution and abundance of cetaceans were determined from seasonal aerial and shipboard visual surveys and shipboard acoustic surveys. In addition, hydrographic data were collected *in situ* and by satellite remote sensing to characterize the habitats of cetaceans in the study area. Finally, tagging and tracking of sperm whales using satellite telemetry was attempted.

Cetaceans were observed throughout the study area during all four seasons. Nineteen species were identified, including two species (melon-headed whales and Fraser's dolphins) that were previously thought to be rare in the Gulf. Pantropical spotted dolphins, bottlenose dolphins, clymene dolphins, striped dolphins, Atlantic spotted dolphins, and melon-headed whales were the most common small cetaceans. The most common large cetacean was the sperm whale. Only one species of baleen whale, the Bryde's whale, was sighted, and the estimated abundance of this species was very low. The mean annual abundance for all cetaceans was estimated to be 19,198 animals.

The oceanography in the study area was complex and dynamic, with mesoscale features that showed large annual and interannual variability. Warm- and cold-core rings (eddies) and the fresh water effluent from the Mississippi River were the most distinctive hydrographic features observed in the study area. The marine habitat for this area can be characterized as tropical to subtropical with a mixed layer that is seasonally deepest in the winter.

With the exception of bottom depth, there was no significant correlation of cetacean distribution with any of the hydrographic variables examined. Cetaceans could be divided into three groups relative to bottom depth. The first group, which occurred on the continental shelf or along the shelf break, consisted of Atlantic spotted dolphins and bottlenose dolphins. The second group consisted only of Risso's dolphin and occurred along the mid-to-upper slope. The third group included sperm whales, pygmy/dwarf sperm whales, pantropical spotted dolphins, striped dolphins, and *Mesoplodon* spp. This third or deep-water group typically occurred along the mid-to-lower slope in water over 1,000 m deep. There was some indication that sperm whales may be found in conjunction with the edge of warm-core rings, where upwelling events may enhance productivity and prey abundance.

The potential effects of oil and gas exploration and production activity on cetaceans along the continental slope cannot be predicted with certainty. However, it can be anticipated that cetaceans will encounter construction activity, ship traffic, seismic exploration, and underwater noise as the oil and gas industry moves into yet deeper water. The GulfCet Program has demonstrated that any future monitoring programs would need to be long-term, with relatively intensive sampling effort in order to detect significant changes in the abundance and distribution of most cetaceans.

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Survey Dates and Types of Data Collected

Survey	Dates	Marine Mammal Surveys		Hydrographic Surveys					
		Visual	Acoustic	CTD	XBT	Chlorophyll	Salinity	Nutrients	Remotely sensed SST
Spring 1992									
R/V <i>Longhorn</i>	Cruise 1	15 Apr-1 May 1992	✓	✓	✓	✓	✓	✓	✓
NOAA Ship <i>Oregon II</i>	Cruise 199								
	Leg 1	17 Apr-4 May 1992	✓		✓	✓	✓	✓	✓
	Leg 2	6-25 May 1992	✓		✓	✓	✓	✓	✓
	Leg 3	26 May-8 Jun 1992	✓		✓	✓	✓	✓	✓
Summer 1992									
R/V <i>Pelican</i>	Cruise 2	10-24 Aug 1992	✓	✓	✓	✓	✓	✓	✓
Aerial 1		10 Aug-19 Sep 1992	✓						✓
Fall 1992									
Aerial 2		3 Nov-16 Dec 1992	✓						✓
R/V <i>Pelican</i>	Cruise 3	8-22 Nov 1992	✓	✓	✓	✓	✓	✓	✓
Winter 1993									
NOAA Ship <i>Oregon II</i>	Cruise 203								
	Leg 1	5-17 Jan 1993	✓		✓	✓	✓	✓	✓
	Leg 2	18-30 Jan 1993	✓		✓	✓	✓	✓	✓
	Leg 3	1-14 Feb 1993	✓		✓	✓	✓	✓	✓
Aerial 3		1 Feb-22 Mar 1993	✓						✓
R/V <i>Pelican</i>	Cruise 4	12-27 Feb 1993	✓	✓	✓	✓	✓	✓	✓
Spring 1993									
Aerial 4		25 Apr-1 Jun 1993	✓						✓
NOAA Ship <i>Oregon II</i>	Cruise 204								
	Leg 1	3-17 May 1993	✓		✓	✓	✓	✓	✓
	Leg 2	18 May-2 Jun 1993	✓		✓	✓	✓	✓	✓
	Leg 3	4-15 Jun 1993	✓		✓	✓	✓	✓	✓
R/V <i>Pelican</i>	Cruise 5	23 May-5 Jun 1993	✓	✓	✓	✓	✓	✓	✓

Survey Dates and Types of Data Collected

Survey	Dates	Marine Mammal Surveys		Hydrographic Surveys						
		Visual	Acoustic	CTD	XBT	Chlorophyll	Salinity	Nutrients	Remotely sensed SST	
Summer 1993										
Aerial 5	1-21 Aug 1993	✓								✓
R/V <i>Pelican</i>	Cruise 6 28 Aug-5 Sep 1993	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fall 1993										
Aerial 6	31 Oct-16 Dec 1993	✓								✓
R/V <i>Pelican</i>	Cruise 7 3-14 Dec 1993	✓	✓	✓	✓	✓	✓	✓	✓	✓
Winter 1994										
Aerial 7	31 Jan-15 Mar 1994	✓								✓
Spring 1994										
NOAA Ship <i>Oregon II</i>	Cruise 209									
	Leg 1	15-24 Apr 1994	✓		✓	✓		✓		✓
	Leg 2	27 Apr-18 May 1994	✓		✓	✓		✓		✓
	Leg 3	20-29 May 1994			✓	✓		✓		✓
	Leg 4	30 May-10 Jun 1994	✓		✓	✓		✓		✓
Aerial 8	2 May-2 Jun 1994	✓								✓
Summer 1994										
R/V <i>Pelican</i>	Cruise 8 20-28 Aug 1993	✓	✓		✓					

LIST OF ABBREVIATIONS AND ACRONYMS

The following acronyms and abbreviations are used throughout this report:

AAIW	Antarctic Intermediate Water
AGIS	Advanced Geographical Information System
AVHRR	Advanced Very High Resolution Radiometer
CETAP	Cetacean and Turtle Assessment Program
CI	Confidence Interval
CTD	Conductivity, Temperature, and Depth Profiler
CV	Coefficient of Variation
CZCS	Coastal Zone Color Scanner
DB	Decibars
DBDB5	Digital Bathymetric Database-5 Minute Resolution
dB rel μ P	Decibels Relative to 1 micro Pascal
DDS	Delta Data Systems, Inc.
DMA	Defense Mapping Agency
Dyn Ht	Dynamic Height
ESA	Endangered Species Act
ESW	Effective Strip Width
ETP	Eastern Tropical Pacific
GCW	Gulf Common Water
GIS	Geographic Information System
GPS	Global Positioning System
GMMI	Gulf of Mexico Master Image
GulfCet	MMS North-central and Western Gulf of Mexico Cetacean Study (this study)
HPLC	High Pressure Liquid Chromatography
HMSC	Hatfield Marine Science Center, OSU
IMLS	Institute of Marine Life Sciences, TAMUG
IO	Independent Observer
IPS	Inches Per Second
K-S	Kolmogorov-Smirnov Two-Sample Statistical Test
LATEX-A	Louisiana and Texas Shelf Circulation and Transport Process Study
LATEX-B	Louisiana and Texas Mississippi River Plume Study
LATEX-C	Louisiana and Texas Eddy Circulation Study
LUMCON	Louisiana Universities Marine Consortium
MIDAS	Multiple Interface Data Acquisition System
MMPA	Marine Mammal Protection Act
MMRP	Marine Mammal Research Program, TAMUG
MMS	Minerals Management Service
NADW	North Atlantic Deep Water
NAVOCEANO	U.S. Naval Oceanographic Office
NESDIS	National Environmental Satellite, Data, and Information Service
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NODC	National Oceanographic Data Center
NOS	National Ocean Survey

LIST OF ABBREVIATIONS AND ACRONYMS (continued)

OCS	Outer Continental Shelf
ONR	Office of Naval Research
OSU	Oregon State University
PC	Personal Computer
PSS 78	The Practical Salinity Scale 1978
PSD	Perpendicular Sighting Distance
PSU	Practical Salinity Units
RTS	Real Time Spectrograms
PTT	Platform Transmitter Terminals
SAS	Statistical Analysis System
SBE	Sea-Bird Electronics, Inc.
SD	Standard Deviation
SE	Standard Error
SEAMAP	Southeast Area Monitoring and Assessment Program
SEFSC	Southeast Fisheries Science Center, NMFS
SGI	Silicon Graphics, Inc.
SIO	Scripps Institution of Oceanography
SLDR	Satellite-linked Depth Recorder
SPL	Sound Pressure Level
SRB	Scientific Review Board
SSC	Stennis Space Center
SST	Sea Surface Temperature
STI	Sea Tech, Inc.
SUW	Subtropical Underwater
SVA	Specific Volume Anomaly
TAMU	Texas A&M University (College Station)
TAMUG	Texas A&M University at Galveston
TAMUS	Texas A&M University System
TIO	Texas Institute of Oceanography
TL	Transmission Loss
T-S	Temperature-salinity Relationship
USGS	United States Geological Survey
VIM	Vibration Isolating Mechanisms
WMO	World Meteorological Organization
XBT	Expendable Bathythermograph

ACKNOWLEDGMENTS

Many persons contributed to this study, including the crews and graduate students who worked on the research vessels and aircraft, laboratory technicians, and the data management staff. The contributors to this report would like to recognize the efforts of T. Adams, M. Armstrong, A. Baldrige, N.B. Barros, M.F. Baumgartner, L. Bellaponni, S. Benson, S. Bräger, E. Brandon, P. Brown, I. Burke, T. Byrne, D.K. and M.C. Caldwell, R. Carroll, G. Childress, R. Clark, N. Clauss, V.G. Cockcroft, S. Collier, J. Cotton, P. Crotwell, L. Delos Santos, K. Dudzinski, T. Engelhardt, D. Fertl, A. Forest, T. Frohoff, C. Graham, A. Grundt, M.J. Hafner, E. Haubold, H.J. Herring, L. Higgins, W. Hoggard, M. Howley, D. Johnson, S. Kanatous, A. Landry, Jr., S. Leatherwood, D. Ljungblad, B. Mase, M.L. Mate, L. May, M.B. McDuff, J.G. Mead, L. Montaña-Luna, P. Mumford, S. Nieu Kirk, D.K. Odell, S. O'Sullivan, W.F. Perrin, W.L. Perryman, J. Peterson, R. Pitman, K. Rademacher, L. Respass, F. Risinger, C. Roden, C. Rogers, D.J. Schmidly, L. Sharp, L.K.M. Shoda, K. Stafford, W.E. Stevens III, H. Svehlak, R.J. Tarpley, T. Tenbrink, Wang Ding, L. West, L. Wilkins, B. Wilson, and G.A.J. Worthy. Special thanks to the officers and crew of NOAA Ship *Oregon II* and the NOAA Aircraft Operations Center and pilots B. Taggart, S. Nokutis, T. O'Mara, S. Pape, M. Pickett, M. White. We thank Aspen Helicopters, Inc. and their pilot J. Drust. Special thanks also go to LUMCON's S. Rabalais, R/V *Pelican's* captain, C. Riffe and his crew, and the crew of University of Texas' R/V *Longhorn*. The direction and advice of R. Avent (Contracting Officer's Technical Representative) was of great service throughout this project. Thanks also go to the Scientific Review Board (SRB) members for their thoughtful review and comments on the goals and results of this project. The GulfCet Data Management Office wishes to express its appreciation to all those who served as reviewers of this document. D. Brandon served as data analyst and technical illustrator.

We gratefully acknowledge the Texas Institute of Oceanography and the National Marine Fisheries Service for cost-sharing the use of all research vessels used for the surveys and sperm whale tagging cruises on this project, and the Institute of Marine Life Sciences (TAMUG) for cost-sharing one set of "Big Eye" binoculars and various other research items.

This study was funded by the U.S Department of the Interior, Minerals Management Service, under contract C 14-35-0001-30619, and Interagency Agreement 16197 with the National Marine Fisheries Service.

I. INTRODUCTION

Appendices A, B, and C are part of the third volume of the GulfCet Final Report. The report is a synthesis of the work completed for the Minerals Management Service project (termed 'GulfCet'), "The Distribution and Abundance of Cetaceans in the North-central and Western Gulf of Mexico," contract number 14-35-0001-30619. The appendices contain the actual data collected during the various shipboard and aerial surveys, as well as accessory information.

Appendix A contains the cetacean survey data collected during eight aerial surveys, eleven shipboard visual surveys (both TIO and NMFS-SEFSC), and seven shipboard acoustic surveys. Additionally, sighting summaries for TIO Cruise 8 (a forcal sperm whale cruise) and opportunistic bird and sea turtle sighting data are included in this volume. Tables and figures compiled to ascertain the environmental profiles for the cetacean species observed are included in Appendix A as well.

Appendix B includes the processed NMFS-SEFSC hydrographic data collected during their four shipboard surveys. Each cruise's data are listed separately with the accompanying data arranged as follows: cruise personnel, stations occupied during each leg of a cruise, XBT and CTD data listings, and plots of the depths of the 8 °C, 15 °C, and 20 °C isotherms. Information pertinent to the Geographical Information System (GIS) is followed by 118 of the highest resolution satellite images obtained by SEFSC-Stennis Space Center throughout the duration of field work on the GulfCet Program.

Appendix C consists of TIO's processed hydrographic data. Part 1 of Appendix C contains data from TIO Cruises 1-4; Part 2, Cruises 5-8. These data were collected on seven seasonal cruises. Again, each cruise's data are listed separately. Cruise 1, the first spring survey, does not include CTD data because there was an equipment failure during this cruise. The general ordering of the data by cruise is as follows: cruise personnel, XBT and CTD data, analyzed temperature data plots, salinity data and accompanying salinity plots, chlorophyll data and concentration plots, mixed layer depth plots, fresh water fraction plots, dynamic height plots, and finally wind speed and direction plots. A more detailed listing of the exact information pertaining to each cruise may be found at the beginning of each cruise section. Technical reports have been published by Texas A&M at Galveston for each of TIO's GulfCet hydrographic surveys. Precise details regarding collection, processing, etc. may be found in these volumes (Fargion and Davis 1993a, 1993b, 1993c, 1993d, 1994a, 1994b, and 1994c).

1.1 Literature Cited

- Fargion, G.S., and R.W. Davis. 1993a. GulfCet Cruise 01 hydrographic data. Tech. Rept. 93-01-T. Dept. of Marine Biology, Texas A&M University, Galveston. 76 pp.
- Fargion, G.S., and R.W. Davis. 1993b. GulfCet Cruise 02 hydrographic data. Tech. Rept. 93-02-T. Dept. of Marine Biology, Texas A&M University, Galveston. 127 pp.

- Fargion, G.S., and R.W. Davis. 1993c. GulfCet Cruise 03 hydrographic data. Tech. Rept. 93-03-T. Dept. of Marine Biology, Texas A&M University, Galveston. 141 pp.
- Fargion, G.S., and R.W. Davis. 1993d. GulfCet Cruise 04 hydrographic data. Tech. Rept. 93-04-T. Dept. of Marine Biology, Texas A&M University, Galveston. 151 pp.
- Fargion, G.S., and R.W. Davis. 1994a. GulfCet Cruise 05 hydrographic data. Tech. Rept. 94-01-T. Dept. of Marine Biology, Texas A&M University, Galveston. 144 pp.
- Fargion, G.S., and R.W. Davis. 1994b. GulfCet Cruise 06 hydrographic data. Tech. Rept. 94-02-T. Dept. of Marine Biology, Texas A&M University, Galveston. 144 pp.
- Fargion, G.S., and R.W. Davis. 1994c. GulfCet Cruise 07 hydrographic data. Tech. Rept. 94-03-T. Dept. of Marine Biology, Texas A&M University, Galveston. 124 pp.

II. NMFS-SEFSC HYDROGRAPHIC SURVEYS

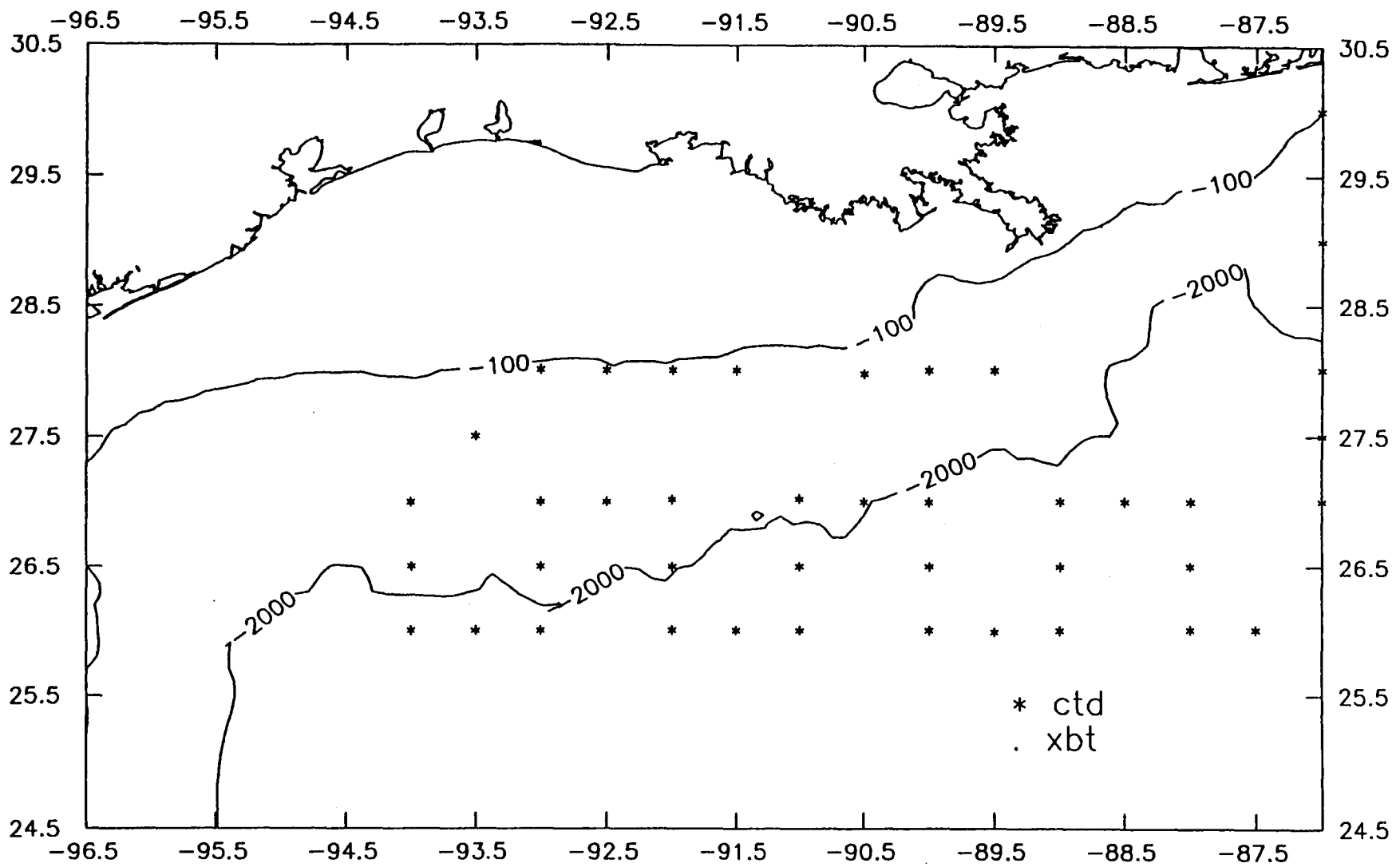
2.1 Cruise 199: 24 April-8 June 1992

NMFS-SEFSC Hydrographic Cruise Personnel

Cruise 199

Alonzo Hamilton
Karen Mitchell
Jack Javech
Clifton Harper
Brian Underwood
Kevin Rademacher
Stephanie Bolden
Jon Peterson

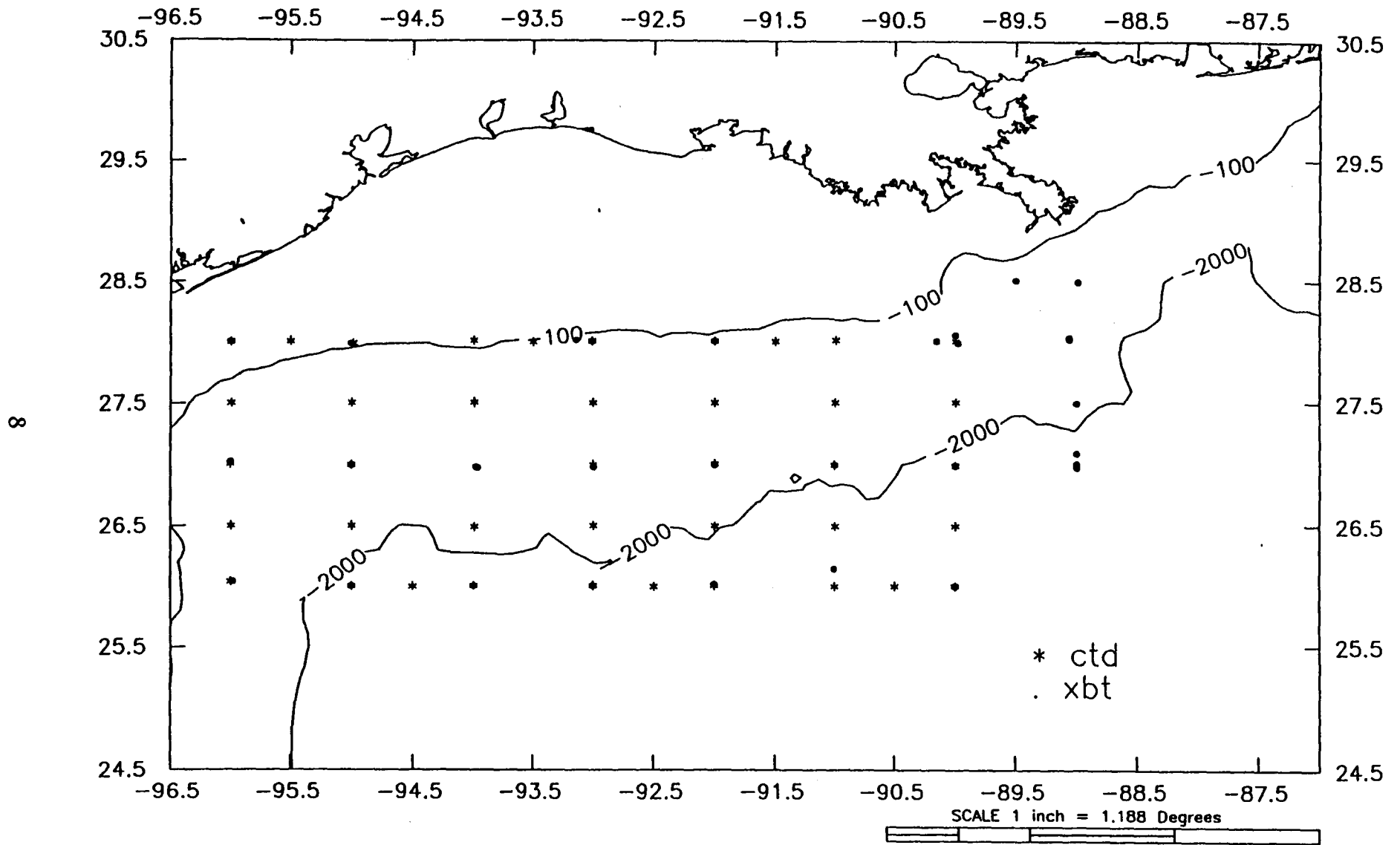
Stations Occupied
OREGON II Cruise 199 Leg 1



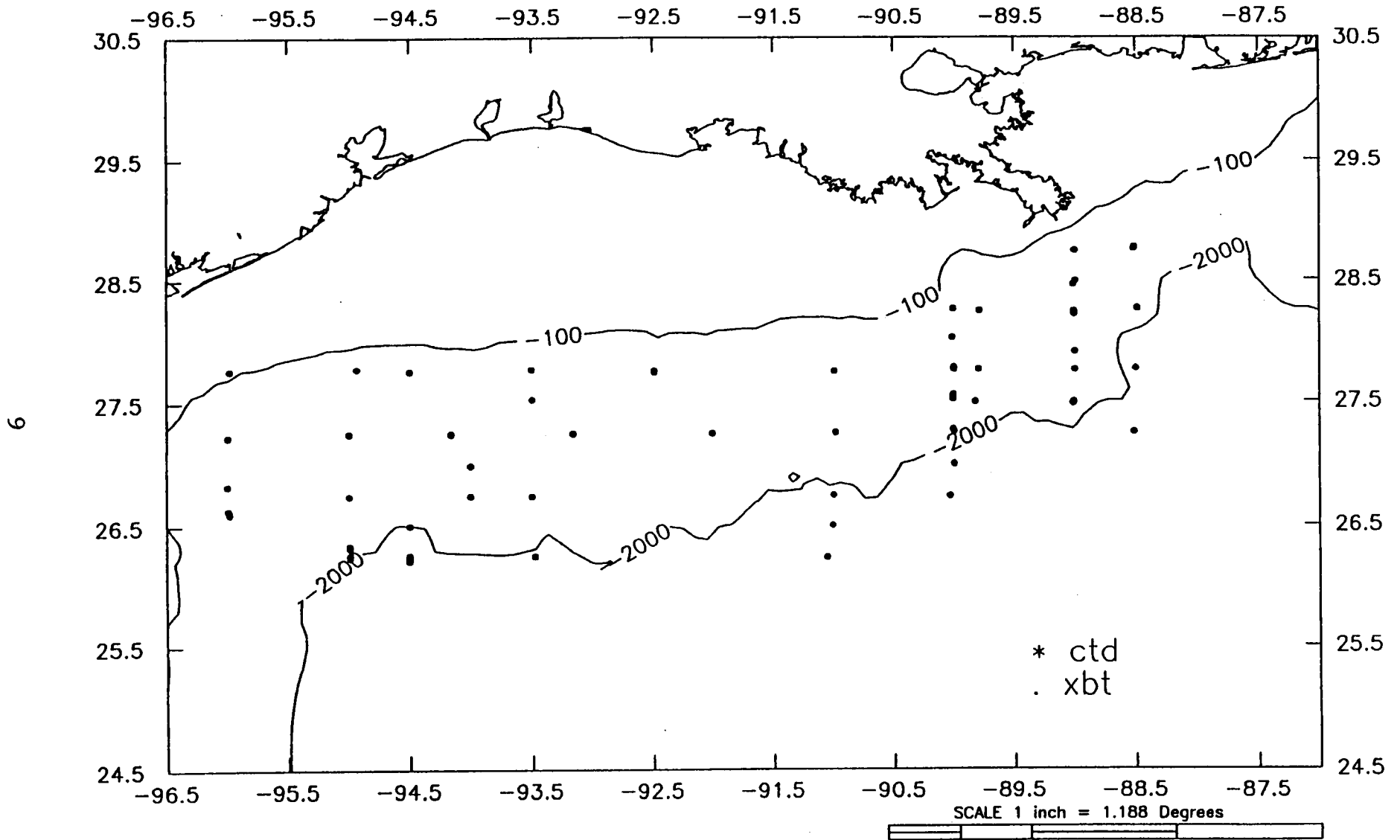
7

SCALE 1 inch = 1.188 Degrees

OREGON II Cruise 199 Leg 2



OREGON II Cruise 199 Leg 3



XBT Data

Cruise: 199 Drop #: 11 Probe Type: T-7
Latitude: 26° 12.00' N Longitude: 85° 00.20' W Date: 23-Apr-92 Time: 1918

Depth (m) Temp. (°C)

0	25.94
10	26.04
20	25.96
30	25.69
50	24.02
75	20.49
100	19.73
125	19.46
150	18.52
200	16.67
250	15.08
300	12.83
400	10.26
500	8.57
600	7.29
700	6.41

Cruise: 199 Drop #: 12 Probe Type: T-7
Latitude: 25° 58.70' N Longitude: 84° 45.00' W Date: 23-Apr-92 Time: 2315

Depth (m) Temp. (°C)

0	24.65
10	23.76
20	23.48
30	23.47
50	21.76
75	20.21
100	19.73
125	18.65
150	17.43
200	15.09
250	13.49
300	11.79
400	9.33
500	8.18
600	6.90
700	6.17

Cruise: 199 Drop #: 17 Probe Type: T-7
Latitude: 24° 28.60' N Longitude: 84° 14.60' W Date: 24-Apr-92 Time: 1718

Depth (m) Temp. (°C)

0	24.61
10	24.32
20	23.64
30	23.26
50	21.59
75	19.98
100	19.22
125	17.70
150	16.85
200	14.62
250	14.01
300	12.65
400	9.96
500	7.92
600	7.02
700	6.39

Cruise: 199 Drop #: 18 Probe Type: T-7
Latitude: 24° 28.50' N Longitude: 84° 44.20' W Date: 24-Apr-92 Time: 2143

Depth (m) Temp. (°C)

0	25.95
10	26.09
20	25.42
30	24.55
50	23.08
75	22.07
100	20.42
125	19.94
150	18.95
200	16.56
250	14.88
300	13.24
400	10.65
500	9.08
600	7.78
700	6.85

Cruise: 199 Drop #: 19 Probe Type: T-7
Latitude: 24° 45.00' N Longitude: 85° 00.00' W Date: 25-Apr-92 Time: 0136

Depth (m) Temp. (°C)

0	25.41
10	25.58
20	24.59
30	23.67
50	22.77
75	21.70
100	20.52
125	19.42
150	18.28
200	16.08
250	14.31
300	12.82
400	10.73
500	8.96
600	7.40
700	6.42

Cruise: 199 Drop #: 20 Probe Type: T-7
Latitude: 25° 00.00' N Longitude: 85° 17.00' W Date: 25-Apr-92 Time: 0639

Depth (m) Temp. (°C)

0	25.07
10	26.24
20	25.94
30	25.81
50	24.92
75	23.55
100	20.91
125	20.36
150	19.99
200	17.50
250	15.41
300	13.50
400	11.13
500	9.05
600	7.85
700	6.66

Cruise: 199 Drop #: 21 Probe Type: T-7
Latitude: 24° 59.80' N Longitude: 85° 45.00' W Date: 25-Apr-92 Time: 0948

Depth (m) Temp. (°C)

0	26.31
10	27.22
20	27.19
30	27.17
50	26.83
75	26.48
100	26.28
125	25.91
150	25.09
200	21.65
250	19.28
300	17.06
400	13.96
500	10.96
600	9.08
700	7.75

Cruise: 199 Drop #: 22 Probe Type: T-7
Latitude: 25° 15.00' N Longitude: 86° 00.00' W Date: 25-Apr-92 Time: 1346

Depth (m) Temp. (°C)

0	25.90
10	27.29
20	27.26
30	27.23
50	27.02
75	26.81
100	26.50
125	26.36
150	25.45
200	23.50
250	20.50
300	19.15
400	15.94
500	13.00
600	10.71
700	8.59

Cruise: 199 Drop #: 23 Probe Type: T-7
Latitude: 25° 30.20' N Longitude: 86° 14.90' W Date: 25-Apr-92 Time: 1757

Depth (m) Temp. (°C)

0	26.70
10	27.19
20	27.11
30	27.10
50	27.01
75	26.57
100	26.16
125	25.54
150	25.11
200	24.31
250	21.31
300	19.42
400	17.02
500	14.45
600	11.07
700	9.35

Cruise: 199 Drop #: 24 Probe Type: T-7
Latitude: 25° 44.60' N Longitude: 86° 15.00' W Date: 25-Apr-92 Time: 2149

Depth (m) Temp. (°C)

0	26.94
10	27.47

Cruise: 199 Drop #: 25 Probe Type: T-7
Latitude: 25° 45.00' N Longitude: 86° 14.70' W Date: 25-Apr-92 Time: 2152

Depth (m) Temp. (°C)

0	26.50
10	27.42
20	27.22
30	27.17
50	27.08
75	26.65
100	26.48
125	26.26
150	25.83
200	23.90
250	20.42
300	19.16
400	17.24
500	14.27
600	11.37
700	9.27

Cruise: 199 Drop #: 26 Probe Type: T-7
Latitude: 26° 15.00' N Longitude: 86° 00.00' W Date: 26-Apr-92 Time: 0235

Depth (m) Temp. (°C)

0	26.57
10	27.18
20	27.08
30	27.05
50	26.20
75	26.03
100	25.84
125	25.47
150	25.25
200	21.69
250	19.72
300	18.10
400	15.43
500	12.38
600	10.38
700	8.64

Cruise: 199 Drop #: 27 Probe Type: T-7
Latitude: 26° 44.70' N Longitude: 85° 59.20' W Date: 26-Apr-92 Time: 0612

Depth (m) Temp. (°C)

0	26.38
10	27.26
20	27.25
30	27.23
50	27.02
75	26.44
100	25.94
125	24.40
150	22.13
200	19.75
250	18.04
300	16.79
400	13.85
500	11.10
600	9.14
700	7.81

Cruise: 199 Drop #: 28 Probe Type: T-7
Latitude: 27° 15.20' N Longitude: 85° 57.60' W Date: 26-Apr-92 Time: 1138

Depth (m) Temp. (°C)

0	24.47
10	25.54
20	25.51
30	25.02
50	23.13
75	21.34
100	19.92
125	18.59
150	17.29
200	15.44
250	14.08
300	12.49
400	10.63
500	8.92
600	7.67
700	6.66

Cruise: 199 Drop #: 31 Probe Type: T-7
Latitude: 27° 45.00' N Longitude: 86° 00.00' W Date: 26-Apr-92 Time: 1535

Depth (m) Temp. (°C)

0	22.78
10	22.78
20	22.97
30	22.52
50	20.66
75	19.55
100	18.64
125	17.74
150	16.73
200	15.05
250	13.36
300	11.94
400	10.01
500	8.45
600	7.60
700	6.73

Cruise: 199 Drop #: 33 Probe Type: T-7
Latitude: 27° 05.88 N Longitude: 89° 00.00' W Date: 14-May-92 Time: 1441

Depth (m) Temp. (°C)

0	24.71
10	24.95
20	24.74
30	22.54
50	21.23
75	18.80
100	17.20
125	15.93
150	15.02
200	13.39
250	11.88
300	10.69

Cruise: 199 Drop #: 34 Probe Type: T-7
Latitude: 27° 00.90' N Longitude: 89° 00.00' W Date: 14-May-92 Time: 1446

Depth (m) Temp. (°C)

0	24.84
10	24.99
20	24.76
30	22.56
50	21.28
75	18.83
100	17.18
125	16.04
150	15.10
200	13.41
250	11.86
300	10.67
400	8.87
500	7.31
600	6.36
700	5.76

Cruise: 199 Drop #: 35 Probe Type: T-7
Latitude: 27° 30.00' N Longitude: 89° 00.00' W Date: 14-May-92 Time: 1842

Depth (m) Temp. (°C)

0	24.32
10	22.62
20	22.35
30	22.35
50	21.58
75	20.52
100	19.50
125	18.09
150	17.26
200	15.32
250	13.85
300	12.28
400	9.88
500	8.48
600	7.30
700	6.33

Cruise: 199 Drop #: 37 Probe Type: T-7
Latitude: 28° 01.05' N Longitude: 89° 03.76' W Date: 15-May-92 Time: 0012

Depth (m) Temp. (°C)

0	24.10
10	23.29
20	23.01
30	22.94
50	22.83
75	20.82
100	20.44
125	20.03
150	18.99
200	17.24
250	15.34
300	13.80
400	11.10
500	9.26
600	8.05
700	6.81

Cruise: 199 Drop #: 38 Probe Type: T-7
Latitude: 28° 30.00' N Longitude: 88° 59.50' W Date: 15-May-92 Time: 0500

Depth (m) Temp. (°C)

0	23.62
10	22.63
20	22.75
30	22.69
50	21.40
75	20.89
100	20.29
125	19.62
150	18.33
200	16.33
250	14.69
300	13.01
400	10.54
500	8.85
600	7.05
700	6.63

Cruise: 199 Drop #: 39 Probe Type: T-7
Latitude: 28° 30.60' N Longitude: 89° 30.00' W Date: 15-May-92 Time: 0841

Depth (m) Temp. (°C)

0	23.40
10	22.79
20	22.50
30	22.27
50	21.19
75	20.55
100	19.81
125	18.56
150	17.11
200	14.57
250	13.04
300	11.69

Cruise: 199 Drop #: 42 Probe Type: T-7
Latitude: 27° 59.00' N Longitude: 89° 58.80' W Date: 17-May-92 Time: 1659

Depth (m) Temp. (°C)

0	24.15
10	23.71
20	22.72
30	22.76
50	21.23
75	20.65
100	19.92
125	18.58
150	17.47
200	15.80
250	14.01
300	12.76
400	10.16
500	8.65

Cruise: 199 Drop #: 43 Probe Type: T-7
Latitude: 26° 59.90' N Longitude: 90° 00.00' W Date: 17-May-92 Time: 2317

Depth (m) Temp. (°C)

0	25.11
10	23.91
20	22.23
30	22.26
50	21.09
75	20.32
100	18.98
125	18.06
150	16.84
200	15.09
250	13.74
300	12.36
400	10.01
500	8.37

Cruise: 199 Drop #: 44 Probe Type: T-7
Latitude: 26° 00.00' N Longitude: 90° 00.00' W Date: 18-May-92 Time: 0613

Depth (m) Temp. (°C)

0	24.88
10	25.14
20	24.05
30	23.50
50	21.13
75	20.47
100	19.13
125	17.34
150	15.99
200	14.23
250	12.72
300	11.38
400	9.32
500	7.88
600	6.72
700	6.03

Cruise: 199 Drop #: 45 Probe Type: T-7
Latitude: 26° 08.64 N Longitude: 91° 00.36 W Date: 18-May-92 Time: 1238

Depth (m) Temp. (°C)

0	24.81
10	24.78
20	24.30
30	23.76
50	22.26
75	20.75
100	19.72
125	18.64
150	17.43
200	14.78
250	12.95
300	11.82
400	9.58
500	7.92

Cruise: 199 Drop #: 46 Probe Type: T-7
Latitude: 27° 00.00' N Longitude: 91° 00.00' W Date: 18-May-92 Time: 1926

Depth (m) Temp. (°C)

0	25.34
10	24.39
20	24.32
30	24.01
50	22.58
75	20.60
100	19.87
125	18.47
150	17.41
200	15.31
250	13.67
300	12.31
400	10.26

Cruise: 199 Drop #: 47 Probe Type: T-7
Latitude: 28° 00.19 N Longitude: 90° 09.50' W Date: 19-May-92 Time: 0250

Depth (m) Temp. (°C)

0	24.57
10	24.71
20	24.26
30	23.21
50	21.15
75	20.23
100	19.25

Cruise: 199 Drop #: 49 Probe Type: T-7
Latitude: 27° 00.00' N Longitude: 92° 00.00' W Date: 19-May-92 Time: 1532

Depth (m) Temp. (°C)

0	24.92
10	24.67
20	23.58
30	23.22
50	20.87
75	19.90
100	19.04
125	16.49
150	14.84
200	13.10
250	11.83
300	10.97
400	9.20
500	7.93

Cruise: 199 Drop #: 50 Probe Type: T-7
Latitude: 26° 00.70' N Longitude: 92° 00.10' W Date: 19-May-92 Time: 2203

Depth (m) Temp. (°C)

0	23.18
10	25.01
20	24.59
30	24.14
50	23.15
75	22.49
100	20.93
125	20.00
150	18.69
200	16.39
250	14.44
300	12.78
400	10.53
500	8.67
600	7.30

Cruise: 199 Drop #: 51 Probe Type: T-7
Latitude: 26° 00.10' N Longitude: 93° 00.00' W Date: 20-May-92 Time: 0427

Depth (m) Temp. (°C)

0	25.07
10	24.26
20	23.37
30	23.25
50	21.45
75	20.49
100	19.52
125	18.04
150	16.94
200	15.22
250	13.64
300	12.24
400	10.22

Cruise: 199 Drop #: 52 Probe Type: T-7
Latitude: 26° 00.00' N Longitude: 93° 00.00' W Date: 20-May-92 Time: 0444

Depth (m) Temp. (°C)

0	25.30
10	23.80
20	23.31
30	23.11
50	21.26
75	20.34
100	19.38
125	17.93
150	16.81
200	15.15
250	13.52
300	12.10
400	9.98
500	8.44

Cruise: 199 Drop #: 53 Probe Type: T-7
Latitude: 26° 58.80' N Longitude: 92° 59.70' W Date: 20-May-92 Time: 1218

Depth (m) Temp. (°C)

0	24.72
10	24.91
20	23.74
30	23.16
50	21.30
75	20.24
100	19.21
125	18.02
150	16.93
200	14.68
250	13.12
300	11.78
400	9.92
500	8.41

Cruise: 199 Drop #: 55 Probe Type: T-7
Latitude: 28° 00.39' N Longitude: 93° 08.55' W Date: 21-May-92 Time: 0135

Depth (m) Temp. (°C)

0	24.91
10	25.13
20	22.81
30	20.99

Cruise: 199 Drop #: 57 Probe Type: T-7
Latitude: 26° 58.60' N Longitude: 93° 58.30' W Date: 21-May-92 Time: 0947

Depth (m) Temp. (°C)

0	26.13
10	25.36
20	25.35
30	25.32
50	24.44
75	22.62
100	20.89
125	19.58
150	19.39
200	16.93
250	14.70
300	11.89
400	9.06
500	7.87
600	6.74
700	6.00

Cruise: 199 Drop #: 58 Probe Type: T-7
Latitude: 25° 59.90' N Longitude: 94° 00.10' W Date: 21-May-92 Time: 1736

Depth (m) Temp. (°C)

125	22.18
150	20.79
200	17.94
250	15.83
300	13.99
400	11.51
500	10.39
600	9.58
700	8.57

Cruise: 199 Drop #: 59 Probe Type: T-7
Latitude: 26° 00.00' N Longitude: 95° 00.00' W Date: 21-May-92 Time: 2327

Depth (m) Temp. (°C)

0	25.03
10	25.57
20	25.03
30	24.27
50	23.60
75	23.00
100	22.65
125	21.95
150	20.70
200	18.68
250	16.55
300	15.12
400	12.37
500	10.20
600	8.73
700	7.28

Cruise: 199 Drop #: 60 Probe Type: T-7
Latitude: 27° 00.00' N Longitude: 95° 00.10' W Date: 22-May-92 Time: 0550

Depth (m) Temp. (°C)

0	24.95
10	25.55
20	25.40
30	24.50
50	23.59
75	22.88
100	22.26
125	20.42
150	19.48
200	16.97
250	15.37
300	13.64
400	11.47
500	9.82
600	8.56
700	7.46

Cruise: 199 Drop #: 62 Probe Type: T-7
Latitude: 27° 59.00' N Longitude: 95° 00.40' W Date: 22-May-92 Time: 1410

Depth (m) Temp. (°C)

0	24.15
10	24.96
20	21.76
30	22.49
50	20.62

Cruise: 199 Drop #: 64 Probe Type: T-7
Latitude: 27° 01.80' N Longitude: 96° 00.00' W Date: 23-May-92 Time: 0154

Depth (m) Temp. (°C)

0	24.86
10	26.12
20	26.05
30	25.50
50	24.60
75	23.35
100	22.66
125	20.85
150	18.14
200	15.70
250	13.92
300	12.14
400	9.59
500	8.29
600	7.55

Cruise: 199 Drop #: 65 Probe Type: T-7
Latitude: 26° 02.40' N Longitude: 95° 59.00' W Date: 23-May-92 Time: 0956

Depth (m) Temp. (°C)

0	26.14
10	26.32
20	26.28
30	25.62
50	23.51
75	22.93
100	22.37
125	21.09
150	19.27
200	16.58
250	14.70
300	13.16
400	10.85
500	9.22
600	8.13
700	6.88

Cruise: 199 Drop #: 67 Probe Type: T-7
Latitude: 27° 13.60' N Longitude: 96° 00.20' W Date: 27-May-92 Time: 1726

Depth (m) Temp. (°C)

0	26.86
10	26.50
20	26.47
30	25.72
50	24.12
75	22.95
100	22.30
125	21.53
150	20.17
200	15.83
250	13.33
300	11.69
400	9.69

Cruise: 199 Drop #: 68 Probe Type: T-7
Latitude: 26° 50.10' N Longitude: 96° 00.40' W Date: 27-May-92 Time: 2055

Depth (m) Temp. (°C)

0	26.71
10	26.64
20	26.61
30	26.59
50	24.79
75	23.62
100	21.89
125	19.96
150	18.27
200	13.82
250	11.09
300	9.69
400	8.30
500	7.17
600	6.66
700	6.15

Cruise: 199 Drop #: 69 Probe Type: T-7
Latitude: 26° 38.00' N Longitude: 96° 00.00' W Date: 27-May-92 Time: 2209

Depth (m) Temp. (°C)

0	26.35
10	26.53
20	26.54
30	26.14
50	24.14
75	22.96
100	20.97
125	19.46

Cruise: 199 Drop #: 72 Probe Type: T-7
Latitude: 26° 36.00' N Longitude: 95° 59.30' W Date: 27-May-92 Time: 2222

Depth (m) Temp. (°C)

0	26.15
10	26.47
20	26.04
30	25.72
50	24.42
75	23.10
100	21.33
125	19.36
150	17.03
200	14.36
250	12.73
300	11.51
400	9.30
500	8.05
600	7.40
700	6.85

Cruise: 199 Drop #: 73 Probe Type: T-7
Latitude: 26° 15.50' N Longitude: 94° 59.20' W Date: 28-May-92 Time: 1210

Depth (m) Temp. (°C)

0	25.32
10	26.00
20	26.08
30	24.62
50	23.79
75	23.15
100	22.70
125	22.23
150	20.95
200	18.39
250	16.60

Cruise: 199 Drop #: 74 Probe Type: T-7
Latitude: 26° 14.40' N Longitude: 94° 59.30' W Date: 28-May-92 Time: 1214

Depth (m) Temp. (°C)

0	25.32
10	26.03
20	26.03
30	24.73
50	23.74
75	23.13
100	22.69
125	22.13
150	20.73
200	18.49
250	16.44

Cruise: 199 Drop #: 77 Probe Type: T-7
Latitude: 26° 19.10' N Longitude: 94° 59.30' W Date: 28-May-92 Time: 1228

Depth (m) Temp. (°C)

0	25.45
10	26.10
20	26.12
30	26.10
50	23.55
75	23.06
100	22.76
125	22.11
150	20.93
200	18.22
250	16.49

Cruise: 199 Drop #: 78 Probe Type: T-7
Latitude: 26° 20.20' N Longitude: 94° 59.40' W Date: 28-May-92 Time: 1234

Depth (m) Temp. (°C)

0	26.55
10	26.12
20	26.13
30	25.99
50	23.59
75	22.96
100	22.63
125	22.03
150	20.51
200	17.98
250	15.77
300	14.13
400	12.30
500	10.60
600	9.18
700	7.98

Cruise: 199 Drop #: 79 Probe Type: T-7
Latitude: 26° 45.00' N Longitude: 94° 59.70' W Date: 28-May-92 Time: 1532

Depth (m) Temp. (°C)

0	26.13
10	26.18
20	26.17
30	25.97
50	23.73
75	22.89
100	22.51
125	21.35
150	19.88
200	17.21
250	15.42
300	13.64
400	11.67
500	10.29
600	8.97
700	7.73

Cruise: 199 Drop #: 80 Probe Type: T-7
Latitude: 27° 15.00' N Longitude: 94° 59.70' W Date: 28-May-92 Time: 1917

Depth (m) Temp. (°C)

0	26.46
10	26.33
20	26.28
30	25.62
50	23.43
75	22.92
100	22.30
125	20.69
150	19.44
200	16.75
250	14.81
300	13.45
400	10.95
500	9.20
600	7.86
700	6.66

Cruise: 199 Drop #: 82 Probe Type: T-7
Latitude: 27° 46.30' N Longitude: 94° 55.90' W Date: 28-May-92 Time: 2348

Depth (m) Temp. (°C)

0	26.36
10	24.47
20	23.07
30	23.85
50	22.38
75	19.92
100	18.77
125	17.43
150	16.57
200	14.72
250	13.51
300	12.68
400	10.05

Cruise: 199 Drop #: 85 Probe Type: T-7
Latitude: 27° 14.90' N Longitude: 94° 09.70' W Date: 31-May-92 Time: 1731

Depth (m) Temp. (°C)

0	25.94
10	25.92
20	25.88
30	25.27
50	23.36
75	22.36
100	20.08
125	18.73
150	17.17
200	14.16
250	12.37
300	11.52
400	9.70
500	8.42
600	7.41
700	6.70

Cruise: 199 Drop #: 86 Probe Type: T-7
Latitude: 26° 59.70' N Longitude: 94° 00.10' W Date: 31-May-92 Time: 1850

Depth (m) Temp. (°C)

0	26.28
10	26.14
20	26.11
30	25.38
50	23.50
75	22.82
100	21.20
125	20.20
150	18.68
200	16.07
250	14.08
300	12.68
400	10.85
500	9.22
600	7.86
700	6.99

Cruise: 199 Drop #: 87 Probe Type: T-7
Latitude: 26° 45.00' N Longitude: 94° 00.20' W Date: 31-May-92 Time: 2008

Depth (m) Temp. (°C)

0	26.35
10	26.39
20	26.31
30	26.04
50	23.88
75	23.02
100	22.41
125	20.81
150	20.00
200	17.03
250	14.96
300	13.49
400	11.06
500	9.52
600	8.55
700	6.97

Cruise: 199 Drop #: 89 Probe Type: T-7
Latitude: 26° 29.90' N Longitude: 94° 29.90' W Date: 31-May-92 Time: 2131

Depth (m) Temp. (°C)

0	26.23
10	26.33
20	26.25
30	26.25
50	23.64
75	22.91
100	22.50
125	21.27
150	20.15
200	17.51
250	15.64
300	14.26
400	11.93
500	9.83
600	8.21
700	7.15

Cruise: 199 Drop #: 90 Probe Type: T-7
Latitude: 26° 15.30' N Longitude: 94° 29.90' W Date: 31-May-92 Time: 2253

Depth (m) Temp. (°C)

0	25.72
10	26.30
20	26.25
30	26.18
50	24.28
75	23.22
100	22.90
125	22.04
150	20.62
200	18.32
250	16.07
300	14.61
400	12.13

Cruise: 199 Drop #: 92 Probe Type: T-7
Latitude: 26° 13.70' N Longitude: 94° 30.00' W Date: 31-May-92 Time: 2301

Depth (m) Temp. (°C)

0	26.14
10	26.27
20	26.18
30	26.17
50	24.19
75	23.06
100	22.79
125	22.01
150	20.64

Cruise: 199 Drop #: 94 Probe Type: T-7
Latitude: 26° 12.60' N Longitude: 94° 30.00' W Date: 31-May-92 Time: 2308

Depth (m) Temp. (°C)

0	26.07
10	26.24
20	26.14
30	26.12
50	23.73
75	23.00
100	22.73
125	21.82
150	20.44
200	17.82
250	16.01
300	14.54
400	11.89
500	10.19
600	8.53
700	7.24

Cruise: 199 Drop #: 95 Probe Type: T-7
Latitude: 26° 15.00' N Longitude: 93° 28.60' W Date: 1-Jun-92 Time: 1254

Depth (m) Temp. (°C)

0	25.86
10	26.20
20	26.18
30	25.17
50	24.07
75	22.76
100	22.11
125	20.54
150	18.63
200	16.10
250	14.13
300	12.58
400	10.35
500	8.31
600	7.04
700	6.23

Cruise: 199 Drop #: 96 Probe Type: T-7
Latitude: 26° 44.90' N Longitude: 93° 30.00' W Date: 1-Jun-92 Time: 1627

Depth (m) Temp. (°C)

0	26.11
10	24.59
20	24.72
30	22.92
50	21.17
75	19.83
100	18.86
125	17.51
150	16.54
200	14.48
250	12.67
300	11.12
400	8.95
500	7.59
600	6.71
700	6.07

Cruise: 199 Drop #: 97 Probe Type: T-7
Latitude: 27° 15.00' N Longitude: 93° 09.70' W Date: 1-Jun-92 Time: 2001

Depth (m) Temp. (°C)

0	26.40
10	25.96
20	25.14
30	22.70
50	20.81
75	19.70
100	18.63
125	17.48
150	16.37
200	14.16
250	13.00
300	11.82
400	9.63
500	8.42
600	7.55
700	6.75

Cruise: 199 Drop #: 98 Probe Type: T-7
Latitude: 27° 31.30' N Longitude: 93° 29.90' W Date: 1-Jun-92 Time: 2155

Depth (m) Temp. (°C)

0	25.88
10	25.95
20	25.43
30	23.35
50	20.93
75	19.52
100	19.18
125	17.63
150	16.57
200	14.55
250	13.05
300	11.99
400	10.29
500	8.93

Cruise: 199 Drop #: 99 Probe Type: T-7
Latitude: 27° 45.90' N Longitude: 93° 30.30' W Date: 1-Jun-92 Time: 2354

Depth (m) Temp. (°C)

0	26.22
10	25.88
20	25.43
30	25.29
50	21.11
75	20.11
100	18.79
125	17.39
150	16.12
200	14.42

Cruise: 199 Drop #: 100 Probe Type: T-7
Latitude: 27° 45.20' N Longitude: 92° 29.40' W Date: 2-Jun-92 Time: 1258

Depth (m) Temp. (°C)

0	26.07
10	25.89
20	24.61
30	24.06
50	21.18
75	20.15
100	18.91
125	17.50
150	16.52
200	14.58
250	13.03
300	12.36

Cruise: 199 Drop #: 101 Probe Type: T-7
Latitude: 27° 44.50' N Longitude: 92° 29.40' W Date: 2-Jun-92 Time: 1306

Depth (m) Temp. (°C)

0	26.01
10	25.82
20	24.50
30	23.60
50	21.12
75	20.11
100	18.94
125	17.18
150	16.44
200	14.62
250	12.98
300	12.26
400	10.47
500	8.90

Cruise: 199 Drop #: 106 Probe Type: T-7
Latitude: 27° 45.50' N Longitude: 89° 47.90' W Date: 3-Jun-92 Time: 2202

Depth (m) Temp. (°C)

0	25.81
10	25.37
20	23.72
30	23.38
50	22.80
75	21.09
100	20.20
125	20.07
150	19.82
200	18.04
250	16.27
300	14.56
400	11.92
500	9.47

Cruise: 199 Drop #: 107 Probe Type: T-7
Latitude: 27° 29.70' N Longitude: 89° 49.60' W Date: 3-Jun-92 Time: 2325

Depth (m) Temp. (°C)

0	25.39
10	25.31
20	24.52
30	23.51
50	23.10
75	21.18
100	20.41
125	20.23
150	19.18
200	17.33
250	15.53
300	13.99
400	11.04
500	9.29
600	7.91

Cruise: 199 Drop #: 108 Probe Type: T-7
Latitude: 27° 44.80' N Longitude: 90° 59.60' W Date: 4-Jun-92 Time: 1235

Depth (m) Temp. (°C)

0	25.72
10	25.86
20	24.89
30	23.27
50	22.22
75	20.34
100	19.68
125	18.22
150	17.09
200	15.12
250	13.50
300	12.57
400	10.37

Cruise: 199 Drop #: 109 Probe Type: T-7
Latitude: 27° 15.30' N Longitude: 90° 59.00' W Date: 4-Jun-92 Time: 1609

Depth (m) Temp. (°C)

0	26.46
10	25.93
20	25.70
30	23.82
50	22.35
75	20.71
100	19.52
125	18.38
150	17.52
200	15.35
250	13.89
300	12.54
400	10.33
500	8.51
600	7.64
700	6.38

Cruise: 199 Drop #: 110 Probe Type: T-7
Latitude: 26° 45.20' N Longitude: 91° 00.00' W Date: 4-Jun-92 Time: 2025

Depth (m) Temp. (°C)

0	26.64
10	26.03
20	24.68
30	23.00
50	21.29
75	20.41
100	19.58
125	18.16
150	17.22
200	15.40
250	13.53
300	12.11
400	10.01
500	8.41
600	7.25
700	6.28

Cruise: 199 Drop #: 112 Probe Type: T-7
Latitude: 26° 14.20' N Longitude: 91° 03.50' W Date: 5-Jun-92 Time: 0010

Depth (m) Temp. (°C)

0	26.90
10	26.18
20	24.77
30	23.20
50	21.67
75	19.86
100	18.88
125	17.53
150	16.49
200	14.63
250	13.04
300	11.78
400	9.66
500	8.31
600	7.19
700	6.53

Cruise: 199 Drop #: 113 Probe Type: T-7
Latitude: 26° 44.80' N Longitude: 90° 02.20' W Date: 5-Jun-92 Time: 1258

Depth (m) Temp. (°C)

0	26.44
10	26.44
20	25.85
30	23.82
50	21.79
75	19.65
100	17.57
125	16.39
150	15.37
200	13.67
250	12.16
300	10.68
400	9.06
500	7.77
600	6.65
700	5.86

Cruise: 199 Drop #: 114 Probe Type: T-7
Latitude: 27° 00.20' N Longitude: 90° 00.00' W Date: 5-Jun-92 Time: 1544

Depth (m) Temp. (°C)

0	26.66
10	26.28
20	25.87
30	23.66
50	21.65
75	19.83
100	18.74
125	17.60
150	16.53
200	14.71
250	12.96
300	11.72
400	9.60
500	7.83
600	6.76
700	6.07

Cruise: 199 Drop #: 115 Probe Type: T-7
Latitude: 27° 15.70' N Longitude: 90° 00.10' W Date: 5-Jun-92 Time: 1708

Depth (m) Temp. (°C)

0	26.20
10	25.64
20	25.08

Cruise: 199 Drop #: 116 Probe Type: T-7
Latitude: 27° 16.60' N Longitude: 90° 00.60' W Date: 5-Jun-92 Time: 1716

Depth (m) Temp. (°C)

0	25.67
10	25.61
20	25.33
30	23.77
50	22.63
75	21.00
100	20.41
125	19.50
150	18.35
200	16.44
250	14.84
300	13.12
400	10.70
500	8.97
600	7.44
700	6.41

Cruise: 199 Drop #: 118 Probe Type: T-7
Latitude: 27° 32.20' N Longitude: 90° 00.60' W Date: 5-Jun-92 Time: 2002

Depth (m) Temp. (°C)

0 27.30

Cruise: 199 Drop #: 120 Probe Type: T-7
Latitude: 27° 33.20' N Longitude: 90° 00.50' W Date: 5-Jun-92 Time: 2008

Depth (m) Temp. (°C)

0 26.98
10 25.78
20 25.23
30 23.87
50 23.26
75 21.40
100 20.48
125 20.06
150 19.35
200 17.28
250 15.53
300 14.31
400 11.57
500 9.40
600 7.97
700 6.88

Cruise: 199 Drop #: 121 Probe Type: T-7
Latitude: 27° 45.50' N Longitude: 90° 00.20' W Date: 5-Jun-92 Time: 2112

Depth (m) Temp. (°C)

0 27.77
10 25.56
20 25.03
30 23.80
50 23.24
75 21.51
100 20.41
125 20.19
150 19.62
200 17.84
250 16.01
300 14.23
400 12.04
500 9.43

Cruise: 199 Drop #: 122 Probe Type: T-7
Latitude: 27° 46.50' N Longitude: 90° 00.20' W Date: 5-Jun-92 Time: 2117

Depth (m) Temp. (°C)

0	27.13
10	25.75
20	24.90
30	23.57
50	23.24
75	21.54
100	20.32
125	20.19
150	19.42
200	17.66
250	16.08
300	14.42

Cruise: 199 Drop #: 123 Probe Type: T-7
Latitude: 28° 01.40' N Longitude: 90° 01.00' W Date: 5-Jun-92 Time: 2242

Depth (m) Temp. (°C)

10	25.99
20	25.12
30	23.47
50	23.06
75	21.34
100	20.46
125	19.73
150	19.12
200	17.04
250	15.23
300	13.65
400	11.01
500	8.28

Cruise: 199 Drop #: 125 Probe Type: T-7
Latitude: 28° 44.40' N Longitude: 89° 00.00' W Date: 6-Jun-92 Time: 1246

Depth (m) Temp. (°C)

0	27.54
10	25.30
20	24.25
30	22.98
50	20.87
75	19.87
100	18.51
125	17.10
150	16.35
200	15.06
250	13.62
300	12.61
400	10.60
500	8.98

Cruise: 199 Drop #: 126 Probe Type: T-7
Latitude: 28° 29.20' N Longitude: 88° 59.70' W Date: 6-Jun-92 Time: 1425

Depth (m) Temp. (°C)

0	26.89
10	25.53
20	24.69
30	23.79
50	22.52
75	20.78
100	19.70
125	18.59
150	17.33
200	15.22

Cruise: 199 Drop #: 127 Probe Type: T-7
Latitude: 28° 27.50' N Longitude: 89° 00.70' W Date: 6-Jun-92 Time: 1438

Depth (m) Temp. (°C)

0	27.02
10	25.55
20	25.20
30	24.45
50	22.50
75	20.90
100	20.31
125	18.96
150	17.72
200	16.39
250	15.03
300	13.48
400	11.33
500	9.33
600	8.20
700	6.99

Cruise: 199 Drop #: 129 Probe Type: T-7
Latitude: 28° 14.20' N Longitude: 89° 00.40' W Date: 6-Jun-92 Time: 1553

Depth (m) Temp. (°C)

10	25.58
20	25.43
30	23.32

Cruise: 199 Drop #: 132 Probe Type: T-7
Latitude: 27° 54.40' N Longitude: 88° 59.90' W Date: 6-Jun-92 Time: 1754

Depth (m) Temp. (°C)

0	27.07
10	25.89
20	24.90
30	23.49
50	22.81
75	21.30
100	20.43
125	19.56
150	18.48
200	16.49
250	14.73
300	13.10
400	11.09
500	9.30
600	7.21
700	6.40

Cruise: 199 Drop #: 133 Probe Type: T-7
Latitude: 27° 45.40' N Longitude: 88° 59.90' W Date: 6-Jun-92 Time: 1938

Depth (m) Temp. (°C)

0	27.08
10	25.94
20	25.12
30	23.48
50	22.75
75	21.16
100	20.47
125	19.59
150	18.51
200	16.38
250	14.75
300	13.12
400	10.72
500	8.83
600	7.41

Cruise: 199 Drop #: 134 Probe Type: T-7
Latitude: 27° 29.70' N Longitude: 89° 00.40' W Date: 6-Jun-92 Time: 2148

Depth (m) Temp. (°C)

0	27.70
10	26.63
20	25.93
30	24.43
50	22.73
75	20.71

Cruise: 199 Drop #: 135 Probe Type: T-7
Latitude: 27° 29.00' N Longitude: 89° 00.80' W Date: 6-Jun-92 Time: 2153

Depth (m) Temp. (°C)

0	27.45
10	26.66
20	26.05
30	24.57
50	22.48
75	20.62
100	19.99
125	18.91
150	17.83
200	15.96
250	14.28
300	12.62
400	10.21
500	8.62
600	7.48

Cruise: 199 Drop #: 138 Probe Type: T-7
Latitude: 27° 15.30' N Longitude: 88° 31.10' W Date: 7-Jun-92 Time: 1147

Depth (m) Temp. (°C)

0	26.88
10	27.66
20	26.70
30	25.19
50	24.05
75	22.58
100	20.22
125	19.63
150	17.63
200	15.55
250	13.92
300	12.70
400	10.33
500	8.15
600	7.03
700	6.29

Cruise: 199 Drop #: 142 Probe Type: T-7
Latitude: 28° 15.80' N Longitude: 88° 29.40' W Date: 7-Jun-92 Time: 1828

Depth (m) Temp. (°C)

0	26.41
10	26.75
20	24.31
30	23.68
50	21.46
75	20.29
100	19.40
125	17.59
150	16.24
200	13.51
250	12.07
300	10.89
400	9.04
500	7.42
600	6.62
700	5.96

Cruise: 199 Drop #: 144 Probe Type: T-7
Latitude: 28° 46.10' N Longitude: 88° 30.90' W Date: 7-Jun-92 Time: 2243

Depth (m) Temp. (°C)

0	26.49
10	26.54
20	24.52
30	23.80

CTD Data

Cruise: 199 **Station:** 53731 **Date:** 22-Apr-92
Time: 0335 **Latitude:** 30° 00.00' N **Longitude:** 87° 00.30' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	20.979	35.310
20	20.880	35.394
30	20.690	35.784
50	19.101	35.618

Cruise: 199 **Station:** 53733 **Date:** 22-Apr-92
Time: 0830 **Latitude:** 29° 30.00' N **Longitude:** 86° 29.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.019	35.951
30	21.221	35.969
75	20.026	36.390
100	19.282	36.487
125	18.052	36.391
150	17.037	36.281
200	14.697	35.933

Cruise: 199 **Station:** 53735 **Date:** 22-Apr-92
Time: 1302 **Latitude:** 29° 00.50' N **Longitude:** 86° 00.30' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	22.765	36.272
30	22.738	36.270
50	20.427	36.042
100	19.451	36.475
125	18.501	36.422
150	17.116	36.300
200	15.352	36.041

Cruise: 199 **Station:** 53737 **Date:** 22-Apr-92
Time: 1849 **Latitude:** 28° 30.00' N **Longitude:** 85° 29.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.794	35.715
20	21.522	35.671
30	20.579	35.732
50	20.622	36.111
75	19.700	36.170
100	19.290	36.329
125	18.474	36.466
150	17.601	36.357

Cruise: 199 **Station:** 53739 **Date:** 22-Apr-92
Time: 2336 **Latitude:** 28° 00.00' N **Longitude:** 84° 59.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.914	36.139
20	22.661	36.165
30	21.542	36.172
50	20.151	36.088
75	19.755	36.115
100	19.305	36.151
125	18.898	36.361
150	18.373	36.458
200	15.915	36.131

Cruise: 199 **Station:** 53740 **Date:** 23-Apr-92
Time: 0410 **Latitude:** 27° 29.90' N **Longitude:** 85° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.214	36.067
20	21.401	36.095
30	20.847	36.212
50	19.904	36.137
75	19.425	36.219
100	18.859	36.437
125	17.941	36.417
150	16.762	36.273

Cruise: 199 **Station:** 53742 **Date:** 23-Apr-92
Time: 0752 **Latitude:** 26° 59.80' N **Longitude:** 84° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.380	36.211
20	25.109	36.212
30	23.911	36.224
50	20.666	35.913
75	19.681	36.095
100	18.881	36.218
125	18.257	36.430
150	17.189	36.301
200	15.740	36.097
250	13.647	35.750
300	12.476	35.562
400	9.951	35.182

Cruise: 199 **Station:** 53744 **Date:** 23-Apr-92
Time: 1207 **Latitude:** 26° 29.80' N **Longitude:** 84° 59.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.492	36.228
20	25.366	36.225
30	25.178	36.232
50	23.701	36.481
75	22.100	36.611
100	19.738	36.174
125	19.035	36.329
150	18.248	36.478
200	16.551	36.227
250	14.717	35.941
300	13.045	35.652
400	10.228	35.254

Cruise: 199
Time: 1518

Station: 53746
Latitude: 25° 59.70' N

Date: 23-Apr-92
Longitude: 85° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.704	36.188
20	25.567	36.210
30	24.448	36.098
50	21.007	35.684
75	20.545	36.197
100	20.062	36.300
125	19.062	36.406
150	18.322	36.473
200	15.925	36.134
250	14.288	35.861
300	12.905	35.627
400	10.449	35.261

Cruise: 199
Time: 1942

Station: 53748
Latitude: 26° 00.00' N

Date: 23-Apr-92
Longitude: 84° 29.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.573	36.259
20	24.304	36.293
30	23.455	36.333
50	21.372	36.264
75	20.336	36.134
100	19.842	36.496
125	18.112	36.441
150	16.892	36.274
200	13.888	35.814

Cruise: 199
Time: 2318

Station: 53750
Latitude: 26° 00.00' N

Date: 23-Apr-92
Longitude: 84° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.144	36.288
20	22.819	36.276
30	22.234	36.258
50	21.620	36.203
75	20.412	36.124
100	19.624	36.368
125	18.470	36.387

Cruise: 199
Time: 0305

Station: 53752
Latitude: 25° 30.00' N

Date: 24-Apr-92
Longitude: 83° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.282	36.245
20	23.049	36.270
30	22.868	36.326
50	21.399	36.303
75	20.248	36.349
100	19.422	36.404
125	18.174	36.449

Cruise: 199
Time: 0613

Station: 53754
Latitude: 25° 00.00' N

Date: 24-Apr-92
Longitude: 84° 00.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.911	36.377
20	24.254	36.384
30	23.688	36.389
50	21.839	36.302
75	21.102	36.332
100	19.138	36.394

Cruise: 199
Time: 1014

Station: 53756
Latitude: 24° 30.10' N

Date: 24-Apr-92
Longitude: 84° 00.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.297	36.343
20	24.301	36.371
30	23.440	36.391
50	21.695	36.374
75	19.881	36.267
100	18.527	36.439
125	17.312	36.331
150	16.180	36.165
200	14.292	35.861
250	13.029	35.658
300	11.616	35.432
400	9.956	35.200

Cruise: 199
Time: 1346

Station: 53758
Latitude: 24° 30.10' N

Date: 24-Apr-92
Longitude: 84° 30.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.551	36.089
20	24.268	36.411
30	24.090	36.550
50	21.480	36.238
75	20.073	36.146
125	19.205	36.532
150	17.622	36.377
200	15.751	36.098
250	14.435	35.879
300	12.937	35.637
400	10.319	35.236
500	8.377	34.991

Cruise: 199
Time: 1833

Station: 53760
Latitude: 24° 29.70' N

Date: 24-Apr-92
Longitude: 84° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.769	36.158
20	26.538	36.148
30	26.282	36.246
50	25.593	36.166
75	24.708	36.329
100	22.985	36.498
125	21.616	36.313
150	19.744	36.189
200	18.000	36.392

Cruise: 199
Time: 2215

Station: 53762
Latitude: 24° 59.80' N

Date: 24-Apr-92
Longitude: 84° 59.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.417	36.099
20	23.842	36.133
30	23.478	36.252
50	22.453	36.428
75	21.058	36.368
100	20.262	36.603
125	18.338	36.476
150	15.982	36.137
200	13.417	35.723
250	12.333	35.550
300	11.484	35.408
400	9.658	35.156
500	8.400	35.002

Cruise: 199
Time: 0248

Station: 53764
Latitude: 24° 59.60' N

Date: 25-Apr-92
Longitude: 85° 30.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.964	36.191
20	26.902	36.189
30	26.885	36.197
50	26.748	36.226
75	26.571	36.259
100	25.763	36.351
125	24.092	36.598
150	22.358	36.522
200	19.279	36.476

Cruise: 199
Time: 0608

Station: 53766
Latitude: 25° 00.00' N

Date: 25-Apr-92
Longitude: 86° 00.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.842	36.054
20	26.787	36.047
30	26.768	36.047
50	26.316	36.141
75	26.028	36.165
100	25.806	36.208
125	25.649	36.312
150	25.189	36.324
200	22.917	36.838
250	20.314	36.758
300	18.990	36.596
400	15.721	36.083
500	12.725	35.605

Cruise: 199
Time: 1107

Station: 53768
Latitude: 25° 30.00' N

Date: 25-Apr-92
Longitude: 86° 0.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.154	36.123
20	27.047	36.109
30	27.022	36.108
50	27.011	36.111
75	26.581	36.182
100	26.105	36.188
125	26.027	36.338
150	25.655	36.510
200	23.462	36.822

Cruise: 199
Time: 1429

Station: 53770
Latitude: 25° 30.00' N

Date: 25-Apr-92
Longitude: 86° 28.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.720	35.977
20	26.534	36.061
30	26.512	36.131
50	25.857	36.161
75	25.847	36.195
100	25.688	36.183
125	25.554	36.188
150	25.478	36.273
200	24.799	36.672

Cruise: 199
Time: 1852

Station: 53772
Latitude: 25° 59.80' N

Date: 25-Apr-92
Longitude: 86° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.269	36.127
20	27.253	36.125
30	27.106	36.118
50	26.856	36.119
75	26.480	36.183
100	26.186	36.298
125	25.912	36.374
150	25.694	36.519
200	23.040	36.832
250	20.210	36.749
300	18.402	36.516

Cruise: 199
Time: 2312

Station: 53774
Latitude: 26° 29.90' N

Date: 25-Apr-92
Longitude: 85° 59.70' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.260	36.046
20	27.257	36.047
30	27.247	36.049
50	26.851	36.128
75	26.392	36.178
100	25.807	36.209
125	25.013	36.313
150	24.360	36.659
200	20.934	36.830

Cruise: 199
Time: 0252

Station: 53776
Latitude: 27° 00.00' N

Date: 26-Apr-92
Longitude: 86° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
30	26.881	36.202
75	25.110	36.514
100	24.194	36.648
125	22.307	36.863
150	20.198	36.761
200	17.843	36.397
250	16.026	36.147
300	14.560	35.896

Cruise: 199
Time: 0831

Station: 53778
Latitude: 27° 29.60' N

Date: 26-Apr-92
Longitude: 86° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.258	36.244
20	24.197	36.270
30	23.530	36.321
75	20.436	36.480
125	16.801	36.252
150	15.535	36.061
200	13.982	35.821

Cruise: 199
Time: 1211

Station: 53780
Latitude: 28° 00.20' N

Date: 26-Apr-92
Longitude: 86° 00.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.361	35.670
20	22.206	35.685
30	20.933	35.896
75	20.267	36.295
125	18.026	36.429
200	15.003	36.001
300	12.110	35.520
400	10.647	35.294
500	8.638	35.036

Cruise: 199
Time: 1626

Station: 53781
Latitude: 28° 30.00' N

Date: 26-Apr-92
Longitude: 86° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.799	36.272
20	22.795	36.272
50	21.609	36.234
75	20.821	36.233
100	20.311	36.404
125	18.626	36.420
150	17.754	36.323
200	16.054	36.151

Cruise: 199 Station: 53782 Date: 26-Apr-92
Time: 2041 Latitude: 29° 00.00' N Longitude: 86° 29.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.241	35.990
20	22.241	35.993
30	22.219	36.011
50	21.069	36.164
75	20.499	36.246
100	19.887	36.381
150	17.107	36.297
200	15.200	36.003

Cruise: 199 Station: 53783 Date: 27-Apr-92
Time: 0200 Latitude: 29° 00.00' N Longitude: 87° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.553	35.357
20	21.483	35.377
30	20.664	35.797
50	20.331	36.226
75	19.536	36.342
100	18.460	36.371
125	17.453	36.338
150	16.594	36.221
200	14.719	35.927
250	12.904	35.643
300	11.315	35.388
500	7.545	34.934

Cruise: 199 Station: 53784 Date: 27-Apr-92
Time: 0602 Latitude: 28° 30.00' N Longitude: 86° 59.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.823	36.158
20	22.831	36.159
30	22.833	36.166
50	21.296	36.139
75	20.560	36.264
100	20.071	36.459
150	17.937	36.456
200	15.768	36.097

Cruise: 199 Station: 53785 Date: 27-Apr-92
Time: 0919 Latitude: 28° 00.20' N Longitude: 87° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.177	36.109
20	22.178	36.108
50	21.230	36.162
75	20.682	36.233
100	19.885	36.353
125	18.633	36.420
150	17.583	36.378
200	15.726	36.089
250	14.229	35.842
300	12.798	35.614
400	10.341	35.242
500	8.742	35.044

Cruise: 199
Time: 1340

Station: 53786
Latitude: 27° 29.90' N

Date: 27-Apr-92
Longitude: 87° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.911	36.342
20	23.840	36.345
30	23.683	36.365
50	21.967	36.497
75	19.540	36.561
125	15.812	36.103
150	15.093	35.993
200	13.685	35.768

Cruise: 199
Time: 1751

Station: 53787
Latitude: 27° 00.10' N

Date: 27-Apr-92
Longitude: 87° 00.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.650	
20	26.829	
50	26.352	
75	24.681	
100	22.035	
125	20.132	
150	18.833	
200	16.431	
250	14.668	
300	12.877	35.635
400	10.561	35.279

Cruise: 199
Time: 2230

Station: 53788
Latitude: 26° 30.30' N

Date: 27-Apr-92
Longitude: 86° 59.70' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.849	36.122
20	26.855	36.122
30	26.857	36.122
50	26.854	36.123
75	26.454	36.136
100	26.129	36.239
125	25.639	36.460
150	24.618	36.708

Cruise: 199
Time: 0025

Station: 53789
Latitude: 26° 16.30' N

Date: 28-Apr-92
Longitude: 86° 59.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.758	36.121
20	26.759	36.122
100	25.795	36.160
125	25.483	36.309
150	25.130	36.443
200	22.868	36.853
250	20.065	36.720
400	15.435	36.053
500	12.538	35.557

Cruise: 199
Time: 0515

Station: 53790
Latitude: 26° 00.40' N

Date: 28-Apr-92
Longitude: 87° 30.20' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.866	36.116
20	26.869	36.114
30	26.879	36.114
50	26.863	36.116
100	26.087	36.293
125	25.739	36.482
150	23.896	36.788

Cruise: 199
Time: 0835

Station: 53791
Latitude: 26° 00.40' N

Date: 28-Apr-92
Longitude: 87° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.061	36.208
20	26.056	36.217
30	25.654	36.340
50	22.694	36.348
75	21.532	36.313
100	20.968	36.559
200	13.305	35.702
250	11.546	35.426
400	8.867	35.040

Cruise: 199
Time: 1201

Station: 53792
Latitude: 26° 30.10' N

Date: 28-Apr-92
Longitude: 88° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.861	36.242
20	25.321	36.342
30	23.707	36.438
50	21.714	36.347
75	20.503	36.432
100	18.005	36.319
125	16.848	36.268
150	16.031	36.134

Cruise: 199
Time: 1506

Station: 53793
Latitude: 27° 00.10' N

Date: 28-Apr-92
Longitude: 87° 59.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.694	36.383
20	23.688	36.382
30	23.684	36.381
50	21.549	36.432
75	19.092	36.438
100	17.446	36.315
200	13.508	35.723
250	12.135	35.507
300	10.877	35.314
400	8.953	35.071
500	7.518	34.922

Cruise: 199 **Station:** 53794 **Date:** 28-Apr-92
Time: 1949 **Latitude:** 26° 59.90' N **Longitude:** 88° 30.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.107	36.329
20	24.110	36.330
30	23.897	36.352
50	22.642	36.437
75	20.572	36.538
100	17.070	36.287
125	14.619	35.922
150	13.274	35.703
200	11.484	35.420

Cruise: 199 **Station:** 53795 **Date:** 28-Apr-92
Time: 2235 **Latitude:** 27° 00.10' N **Longitude:** 88° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.032	36.305
20	24.031	36.306
30	23.505	36.337
50	21.224	36.543
75	19.613	36.502
100	17.935	36.425
125	16.953	36.303
150	15.870	36.130
200	14.190	35.841
250	12.898	35.628
300	11.738	35.445
400	9.660	35.151

Cruise: 199 **Station:** 53796 **Date:** 29-Apr-92
Time: 0243 **Latitude:** 26° 29.80' N **Longitude:** 88° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
30	23.869	36.246
100	17.179	36.329
125	15.945	36.141
150	15.061	35.983
200	13.541	35.739

Cruise: 199 **Station:** 53797 **Date:** 29-Apr-92
Time: 0545 **Latitude:** 26° 00.00' N **Longitude:** 89° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.448	36.376
30	23.444	36.378
50	22.058	36.436
100	18.117	36.433
125	16.584	36.234
150	15.604	36.073
200	13.682	35.762
250	12.174	35.524
300	11.178	35.366
400	8.856	35.052
500	7.614	34.935

Cruise: 199
Time: 0939

Station: 53798
Latitude: 25° 59.30' N

Date: 29-Apr-92
Longitude: 89° 29.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.824	36.254
20	22.820	36.255
30	22.581	36.299
50	20.994	36.238
75	20.279	36.599
100	18.638	36.500
125	17.497	36.349
150	16.210	36.170
200	14.179	35.839

Cruise: 199
Time: 1245

Station: 53799
Latitude: 26° 00.00' N

Date: 29-Apr-92
Longitude: 90° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.789	36.173
20	22.766	36.172
30	22.361	36.250
50	21.454	36.311
75	20.502	36.414
125	17.397	36.316
150	16.172	36.154
200	13.941	35.804
250	12.253	35.532
300	10.898	35.332
400	8.925	35.066
500	7.476	34.925

Cruise: 199
Time: 1709

Station: 53800
Latitude: 26° 30.00' N

Date: 29-Apr-92
Longitude: 90° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.685	36.365
20	23.528	36.328
30	23.515	36.334
50	21.467	36.495
75	18.956	36.512
100	17.549	36.369
125	16.423	36.206
150	15.255	36.027
200	13.714	35.766

Cruise: 199
Time: 2041

Station: 53801
Latitude: 26° 59.90' N

Date: 29-Apr-92
Longitude: 90° 00.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.686	36.348
20	23.677	36.348
30	23.325	36.406
50	21.901	36.519
75	19.506	36.511
100	17.827	36.396
125	16.669	36.246
150	15.654	36.090
200	14.106	35.832
250	12.657	35.593
300	11.171	35.363
400	9.383	35.107
500	8.135	34.969

Cruise: 199
Time: 0011

Station: 53802
Latitude: 26° 59.90' N

Date: 30-Apr-92
Longitude: 90° 30.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.120	36.328
20	23.124	36.328
30	22.164	36.317
50	20.821	36.232
100	18.989	36.447
125	17.657	36.379
150	16.658	36.236
200	14.821	35.950

Cruise: 199
Time: 0307

Station: 53803
Latitude: 27° 01.20' N

Date: 30-Apr-92
Longitude: 91° 00.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.541	35.725
20	23.542	35.726
30	23.542	35.727
50	20.579	36.119
75	20.201	36.211
100	19.079	36.239
125	18.013	36.414
150	16.682	36.231
200	14.849	35.943
250	13.837	35.784
300	12.446	35.567
400	10.184	35.232

Cruise: 199
Time: 0717

Station: 53804
Latitude: 26° 29.90' N

Date: 30-Apr-92
Longitude: 90° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.363	35.601
20	23.361	35.603
30	22.271	35.894
50	21.238	36.251
75	20.251	36.226
100	19.655	36.318
125	18.551	36.458
150	17.074	36.295
200	15.020	35.979

Cruise: 199
Time: 1035

Station: 53805
Latitude: 25° 59.90' N

Date: 30-Apr-92
Longitude: 90° 59.70' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.950	35.849
20	23.095	35.983
30	22.866	36.049
75	20.414	36.249
100	19.740	36.321
125	18.341	36.464
150	16.915	36.285
200	15.243	36.015
250	13.511	35.728
300	11.806	35.456
400	9.580	35.143
500	8.146	34.984

Cruise: 199
Time: 1437

Station: 53806
Latitude: 26° 00.00' N

Date: 30-Apr-92
Longitude: 91° 30.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.710	35.859
20	23.630	35.850
30	23.437	36.047
50	22.866	36.225
75	22.252	36.289
100	21.008	36.402
125	20.081	36.615
150	18.512	36.489
200	16.147	36.156

Cruise: 199
Time: 1749

Station: 53807
Latitude: 26° 00.00' N

Date: 30-Apr-92
Longitude: 92° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.211	35.750
20	23.990	35.903
30	23.979	35.925
50	23.038	36.136
75	20.956	36.020
100	20.629	36.257
125	20.361	36.512
150	19.016	36.507
200	16.655	36.241
250	14.831	35.953
300	13.336	35.727
400	11.030	35.363
500	9.122	35.101

Cruise: 199
Time: 2241

Station: 53808
Latitude: 26° 30.00' N

Date: 30-Apr-92
Longitude: 92° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
100	20.033	36.399
125	18.660	36.408
150	17.407	36.335
200	15.185	36.008

Cruise: 199 Station: 53809 Date: 1-May-92
Time: 0240 Latitude: 27° 00.90' N Longitude: 92° 00.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
100	19.820	36.238
125	17.590	36.336
150	15.234	36.011
200	12.841	35.640
250	10.848	35.338
300	9.267	35.129
400	7.485	34.938

Cruise: 199 Station: 53810 Date: 1-May-92
Time: 0619 Latitude: 27° 00.00' N Longitude: 92° 30.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.675	35.427
20	21.782	35.781
30	20.927	36.192
50	20.446	36.213
75	19.609	36.288
100	18.514	36.434
125	17.111	36.287
150	15.889	36.107
200	14.174	35.839

Cruise: 199 Station: 53811 Date: 1-May-92
Time: 0955 Latitude: 27° 00.00' N Longitude: 93° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
75	20.048	36.270
100	18.382	36.412
150	15.945	36.121
200	14.450	35.894
250	13.092	35.680
300	11.628	35.449
400	9.571	35.154
500	8.357	35.012

Cruise: 199 Station: 53812 Date: 1-May-92
Time: 1429 Latitude: 26° 29.90' N Longitude: 92° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
100	18.051	36.394
150	15.516	36.056
200	14.046	35.832

Cruise: 199 Station: 53813 Date: 1-May-92
Time: 1758 Latitude: 26° 00.00' N Longitude: 93° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
75	22.407	36.359
100	20.845	36.382
125	19.155	36.365
150	17.747	36.362
200	15.760	36.086
250	14.050	35.812
400	10.443	35.270
500	8.872	35.070

Cruise: 199 Station: 53814 Date: 1-May-92
Time: 2143 Latitude: 25° 59.90' N Longitude: 93° 30.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
75	20.672	36.242
100	20.170	36.252
125	18.861	36.424
150	17.292	36.326
200	15.521	36.056

Cruise: 199 Station: 53815 Date: 2-May-92
Time: 0038 Latitude: 26° 00.00' N Longitude: 94° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
75	22.814	36.353
100	22.566	36.397
125	20.834	36.332
150	19.810	36.489
200	17.391	36.353
250	15.827	36.107
300	14.326	35.868
400	11.524	35.436

Cruise: 199 Station: 53816 Date: 2-May-92
Time: 0503 Latitude: 26° 30.00' N Longitude: 93° 59.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
75	22.723	36.401
100	22.438	36.385
125	21.226	36.429
150	19.766	36.535
200	17.229	36.314

Cruise: 199 Station: 53817 Date: 2-May-92
Time: 0827 Latitude: 26° 59.80' N Longitude: 94° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
75	22.358	36.379
100	20.872	36.409
125	19.754	36.529
150	18.336	36.428
200	16.554	36.212
250	14.712	35.920
400	10.836	35.328
500	9.024	35.089

Cruise: 199 Station: 53820 Date: 2-May-92
Time: 2143 Latitude: 28° 00.00' N Longitude: 92° 30.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
100	19.366	36.306

Cruise: 199 Station: 53821 Date: 3-May-92
Time: 0028 Latitude: 28° 00.00' N Longitude: 91° 59.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
50	20.708	36.227
75	20.142	36.243
100	19.494	36.335

Cruise: 199 Station: 53822 Date: 3-May-92
Time: 0346 Latitude: 28° 00.10' N Longitude: 91° 29.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
75	20.254	36.247
100	19.444	36.340
125	17.713	36.378
150	16.541	36.195

Cruise: 199 Station: 53824 Date: 3-May-92
Time: 1022 Latitude: 27° 58.30' N Longitude: 90° 29.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	22.955	36.417
30	22.884	36.392
50	20.942	36.252
75	20.460	36.330
100	18.715	36.488
125	17.645	36.390
150	16.726	36.237

Cruise: 199 Station: 53825 Date: 3-May-92
Time: 1443 Latitude: 28° 00.00' N Longitude: 90° 00.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
50	21.711	36.435
75	20.398	36.528
100	19.156	36.564
125	17.597	36.364
150	16.453	36.203
200	14.377	35.872
250	13.019	35.655
300	11.915	35.485
400	9.753	35.176
500	8.026	34.982

Cruise: 199 Station: 53826 Date: 3-May-92
Time: 1931 Latitude: 28° 00.00' N Longitude: 89° 29.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
50	21.294	36.221
75	20.618	36.229
100	20.074	36.352
125	19.231	36.504
150	17.907	36.414
200	15.819	36.118
250	13.989	35.802
300	12.763	35.595
400	10.822	35.307
500	8.822	35.044
600	7.506	34.916

Cruise: 199 Station: 53862 Date: 17-May-92
Time: 1056 Latitude: 27° 59.96' N Longitude: 89° 59.83' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
100	19.774	36.245
150	17.385	36.280
200	15.922	36.029

Cruise: 199 Station: 53863 Date: 17-May-92
Time: 1449 Latitude: 27° 30.13' N Longitude: 89° 59.96' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
75	20.947	36.227
125	18.869	36.419

Cruise: 199 Station: 53864 Date: 17-May-92
Time: 1814 Latitude: 26° 59.90' N Longitude: 89° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	22.211	36.015
150	17.031	36.262

Cruise: 199 Station: 53867 Date: 18-May-92
Time: 0417 Latitude: 25° 59.90' N Longitude: 90° 30.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	23.625	36.287
125	17.334	36.262
200	13.612	35.667

Cruise: 199 Station: 53868 Date: 18-May-92
Time: 0657 Latitude: 25° 59.90' N Longitude: 91° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.710	35.684
30	23.245	35.854

Cruise: 199 Station: 53869 Date: 18-May-92
Time: 1100 Latitude: 26° 29.94' N Longitude: 90° 59.92' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
30	24.072	36.020
75	20.726	36.171

Cruise: 199 Station: 53870 Date: 18-May-92
Time: 1446 Latitude: 26° 59.98' N Longitude: 91° 00.23' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
125	18.424	36.375
200	15.176	35.938

Cruise: 199 Station: 53871 Date: 18-May-92
Time: 1818 Latitude: 27° 30.00' N Longitude: 90° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
150	17.307	36.280
200	15.301	35.943

Cruise: 199 Station: 53876 Date: 19-May-92
Time: 1021 Latitude: 27° 00.50' N Longitude: 91° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
125	16.707	36.145
150	15.050	35.907

Cruise: 199 Station: 53878 Date: 19-May-92
Time: 1710 Latitude: 26° 00.09' N Longitude: 92° 00.07' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	24.417	35.863
125	20.077	36.564
150	18.805	36.413

Cruise: 199 Station: 53879 Date: 19-May-92
Time: 2039 Latitude: 25° 59.80' N Longitude: 92° 29.92' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
75	21.516	36.216

Cruise: 199 Station: 53887 Date: 21-May-92
Time: 0027 Latitude: 27° 30.14' N Longitude: 93° 59.92' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
125	17.830	36.316
150	16.694	36.161

Cruise: 199 Station: 53890 Date: 21-May-92
Time: 1227 Latitude: 25° 59.93' N Longitude: 94° 00.12' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
75	22.845	36.114

Cruise: 199 Station: 53891 Date: 21-May-92
Time: 1541 Latitude: 25° 59.90' N Longitude: 94° 30.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
30	24.967	35.974
150	21.060	36.229

Cruise: 199 Station: 53893 Date: 21-May-92
Time: 2151 Latitude: 26° 30.05' N Longitude: 94° 59.89' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	25.648	36.050
75	23.076	36.339

Cruise: 199
Time: 0102

Station: 53894
Latitude: 27° 00.03' N

Date: 22-May-92
Longitude: 95° 00.05' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.506	35.858
200	17.133	36.210

Cruise: 199
Time: 1755

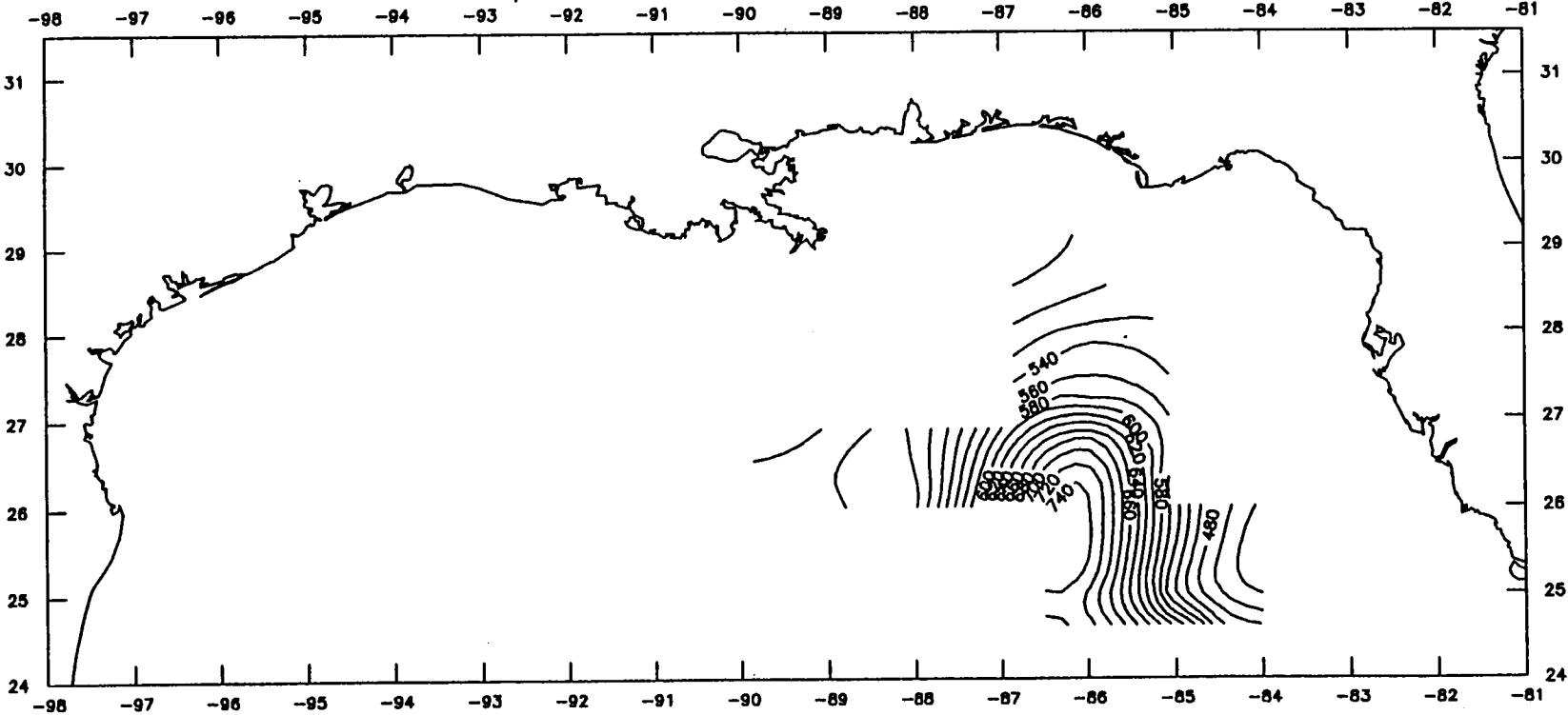
Station: 53899
Latitude: 27° 30.00' N

Date: 22-May-92
Longitude: 95° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	25.741	35.780
100	21.027	36.268

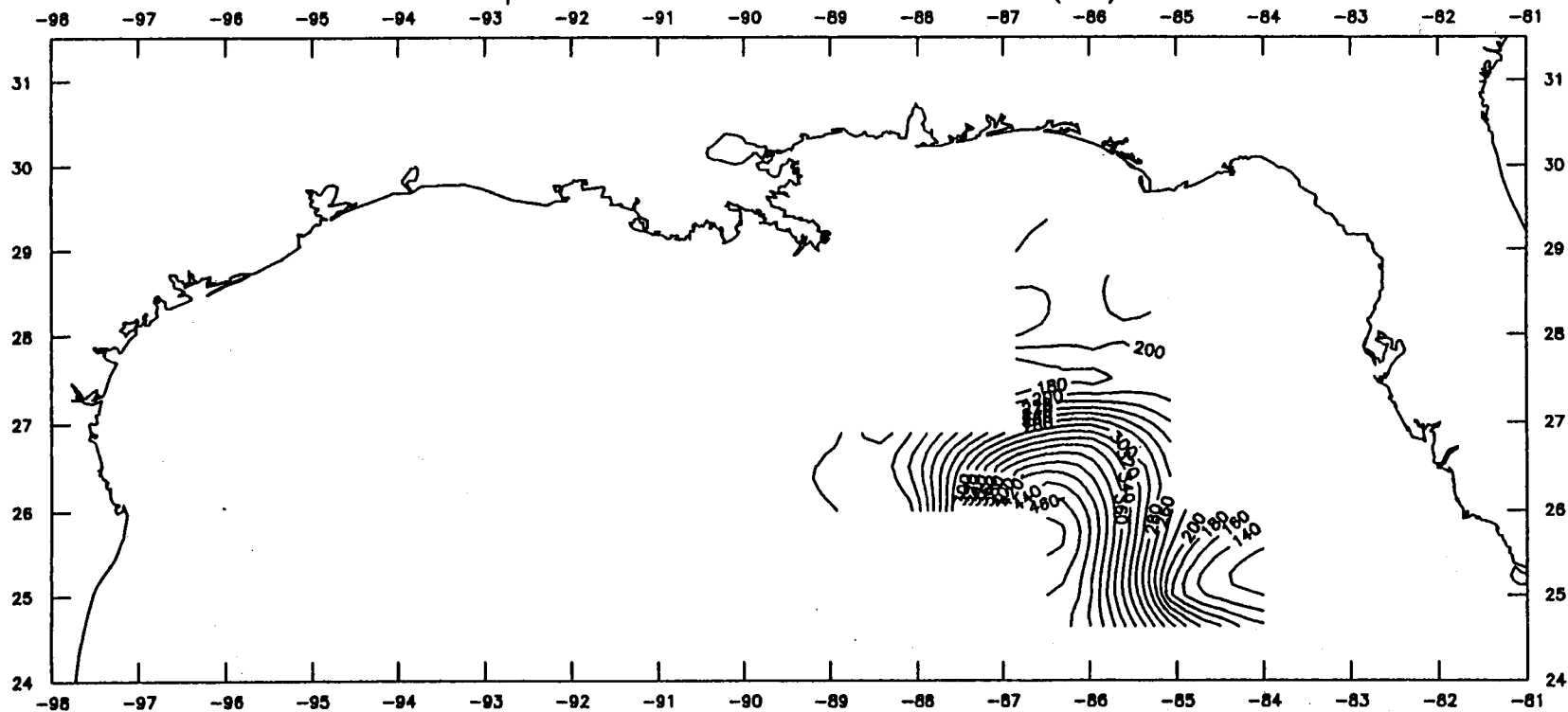
Depth of the 8, 15, and 20 °C Isotherms

Oregon II, Cruise 199a
Depth of 8 °C Isotherm (m)

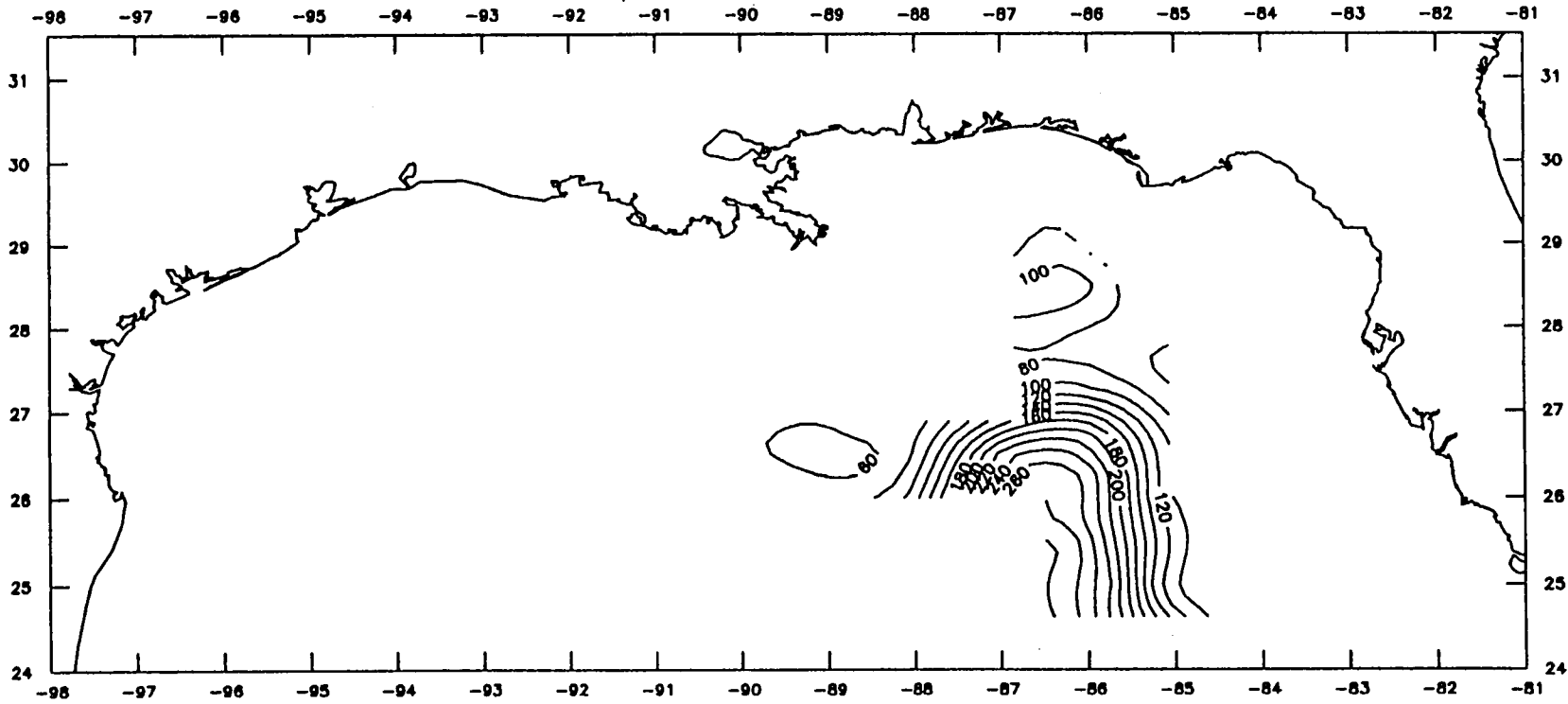


Oregon II, Cruise 199a
Depth of 15 °C Isotherm (m)

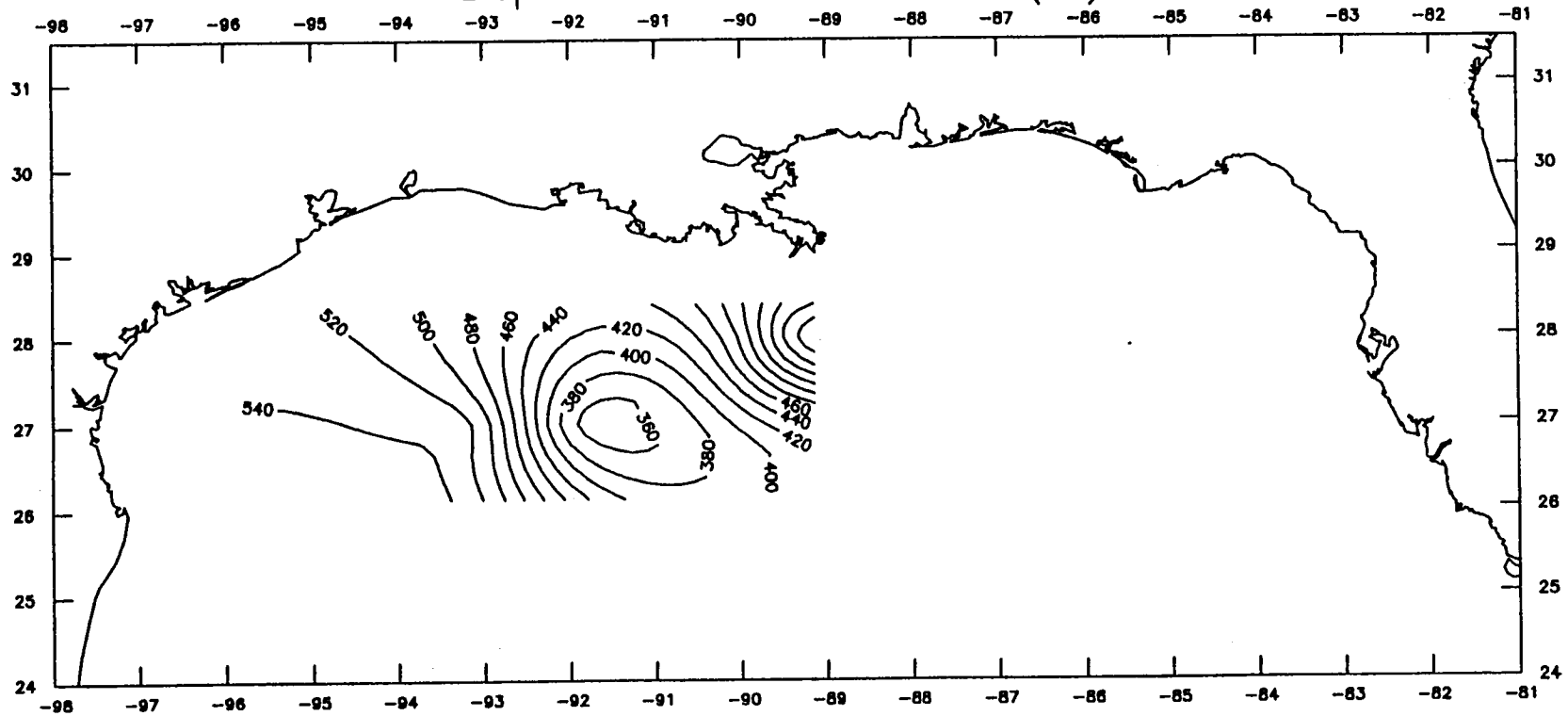
99



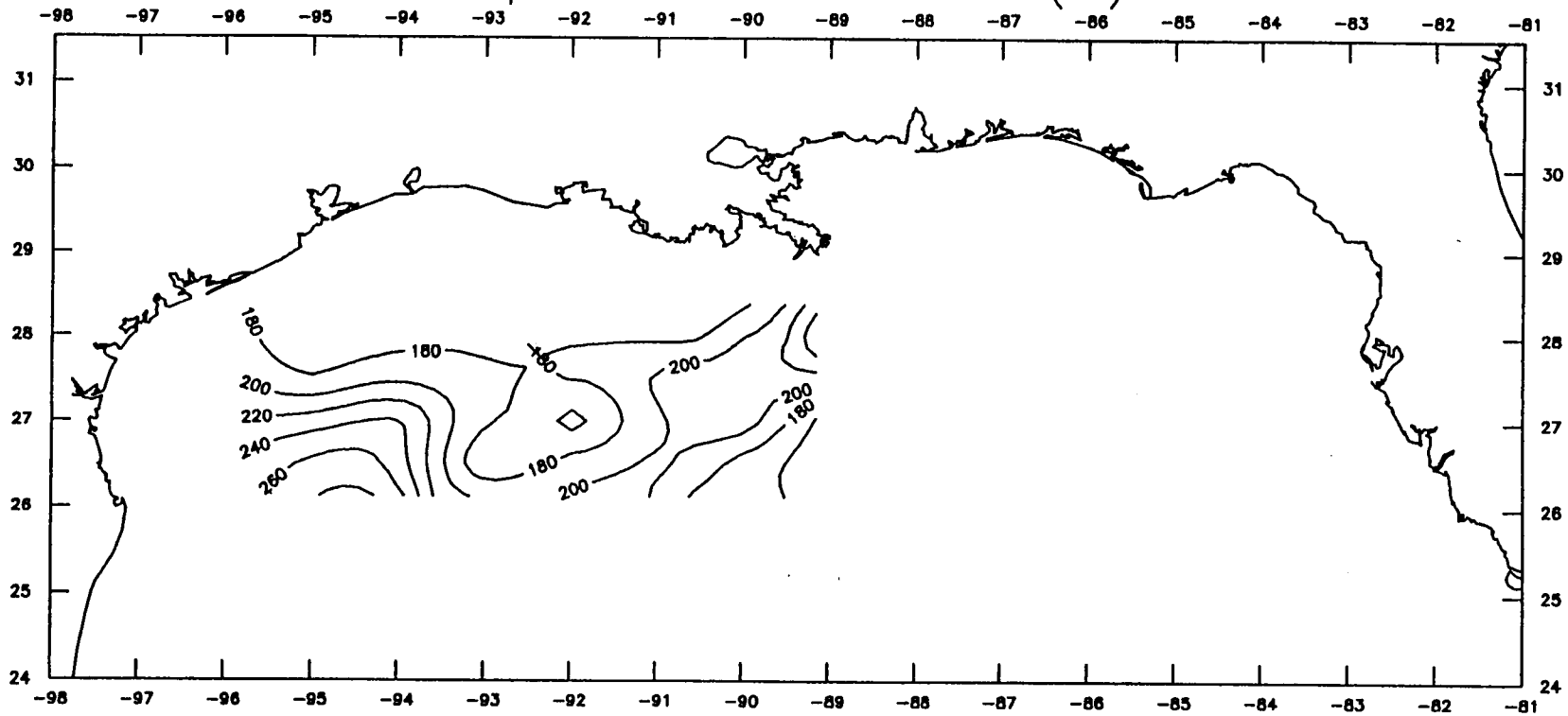
Oregon II Cruise 199a
Depth 20° Isotherm



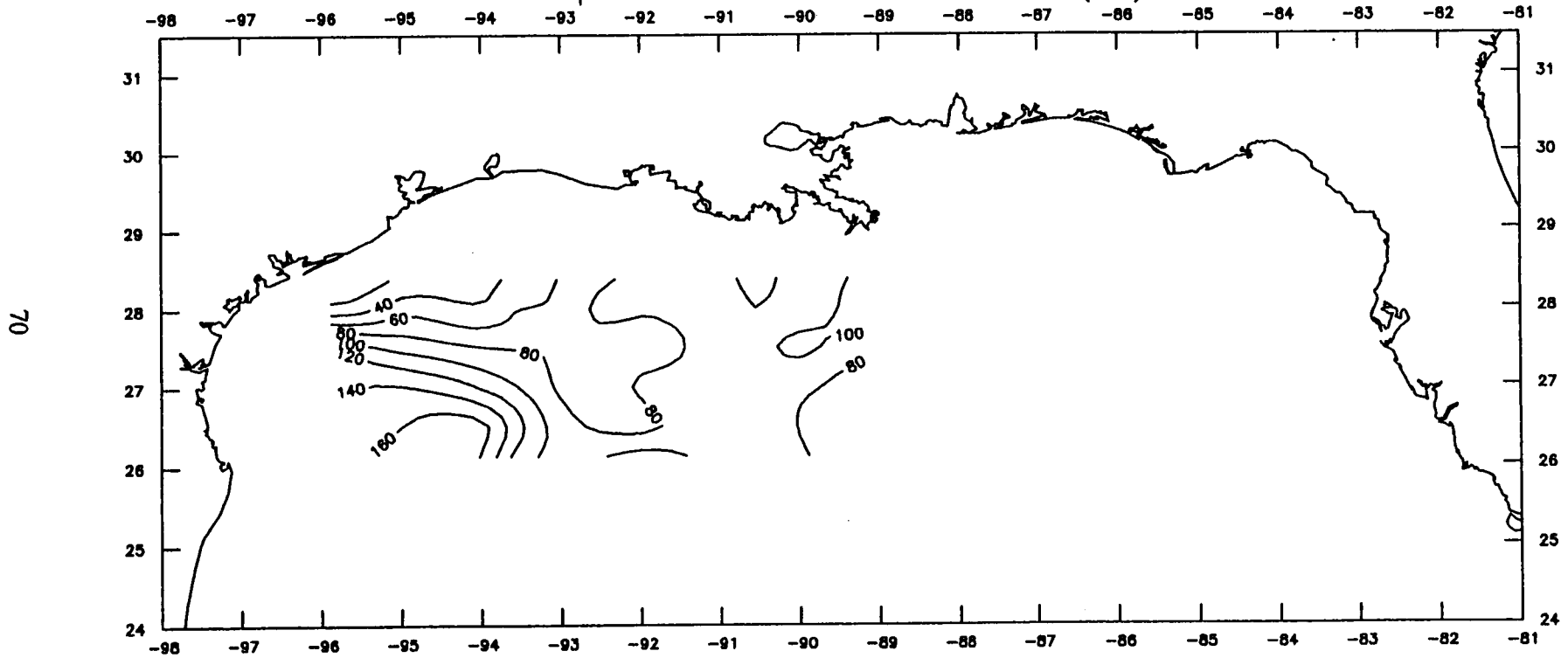
Oregon II, Cruise 199b
Depth of 8 °C Isotherm (m)



Oregon II, Cruise 199b
Depth of 15 °C Isotherm (m)



Oregon II, Cruise 199b
Depth of 20 °C Isotherm (m)



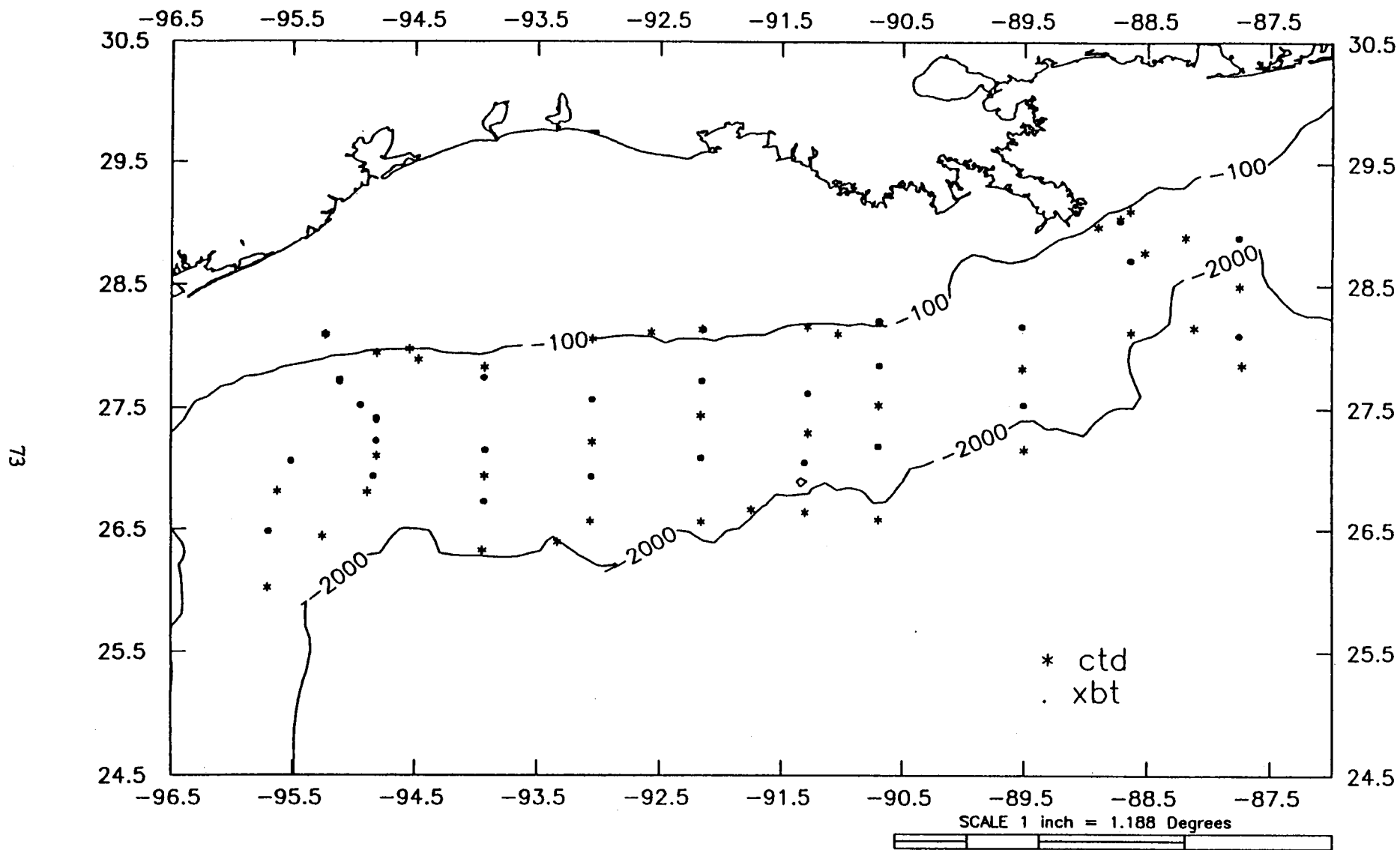
2.2 Cruise 203: 4 January-14 February 1993

NMFS-SEFSC Hydrographic Cruise Personnel

Cruise 203

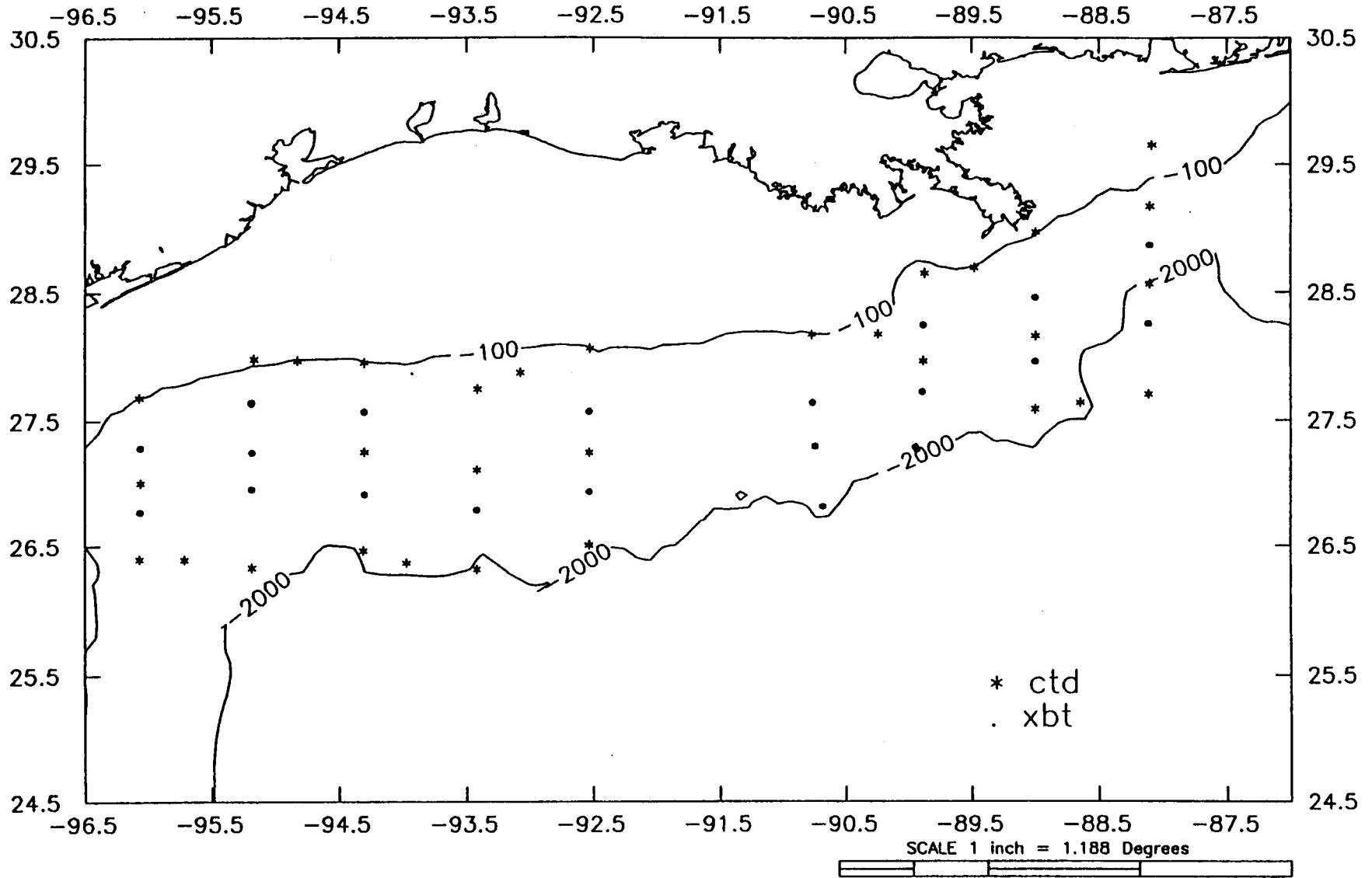
Alonzo Hamilton
Perry Thompson
Eva Kargard
Greg Crist

Stations Occupied
OREGON II Cruise 203 Leg 1

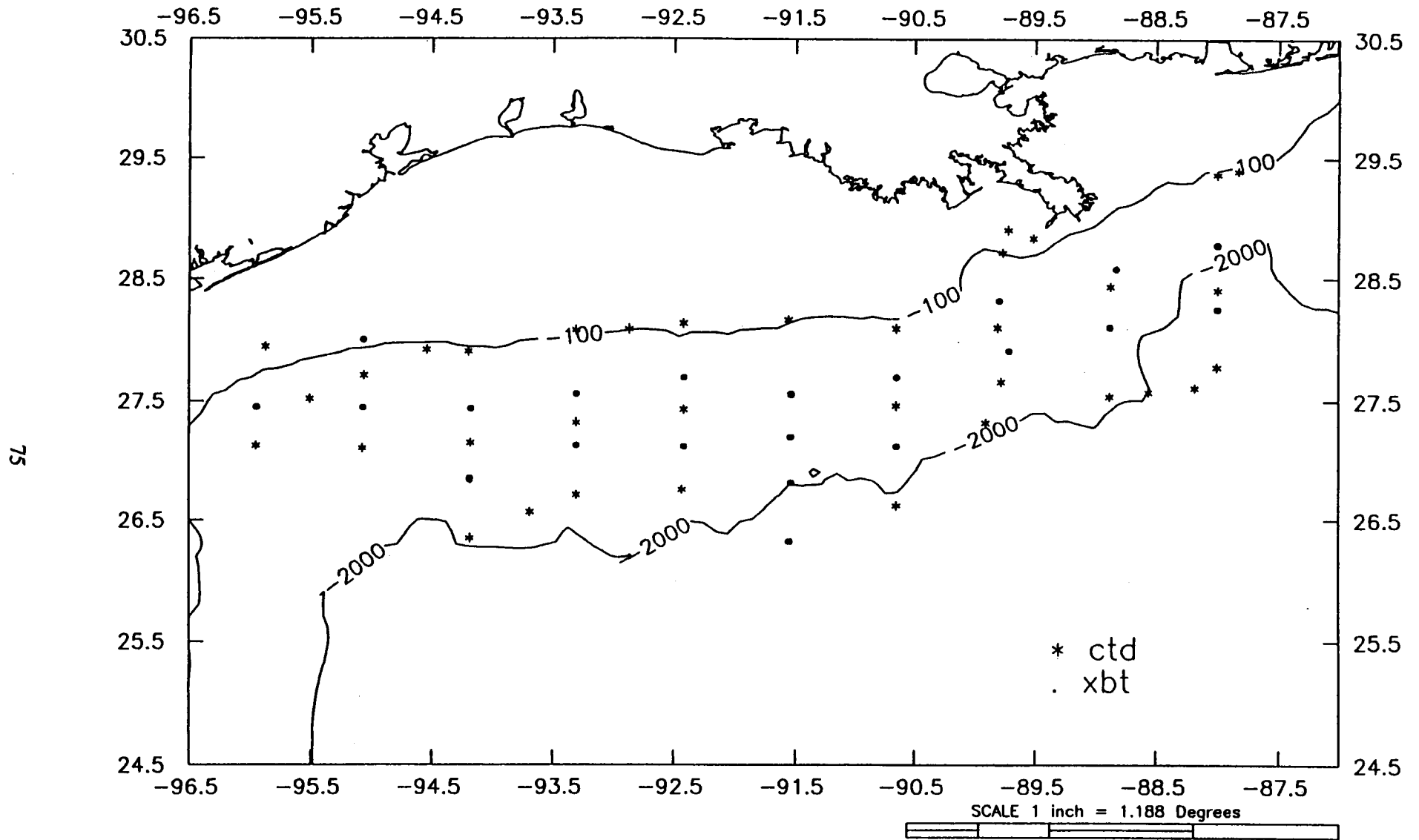


OREGON II Cruise 203 Leg 2

74



OREGON II Cruise 203 Leg 3



XBT Data

Cruise: 203 Drop #: 1 Probe Type: T-7
Latitude: 28° 53.00' N Longitude: 87° 45.30' W Date: 7-Jan-93 Time: 1600

Depth (m) Temp. (°C)

0	22.46
10	22.05
20	21.94
30	21.95
50	22.16
75	20.75
100	19.09
125	17.73
150	16.55
200	14.74
250	13.24
300	11.93
400	9.98
500	8.27
600	7.06
700	6.21

Cruise: 203 Drop #: 3 Probe Type: T-7
Latitude: 28° 05.80' N Longitude: 87° 45.20' W Date: 6-Jan-93 Time: 2151

Depth (m) Temp. (°C)

0	24.11
10	23.65
20	23.59
30	23.56
50	23.54
75	23.54
100	23.53
125	20.97
150	19.50
200	17.24
250	15.63
300	13.93
400	11.44
500	9.48
600	7.90
700	6.89

Cruise: 203 Drop #: 4 Probe Type: T-7
Latitude: 28° 41.80' N Longitude: 88° 38.20' W Date: 7-Jan-93 Time: 1604

Depth (m) Temp. (°C)

0	23.28
10	23.21
20	23.19
30	23.19
50	22.16
75	22.13
100	20.06
125	18.19
150	16.75
200	14.37
250	12.85
300	11.49
400	9.22
500	7.78
600	6.70
700	5.89

Cruise: 203 Drop #: 5 Probe Type: T-7
Latitude: 29° 01.00' N Longitude: 88° 43.30' W Date: 7-Jan-93 Time: 2332

Depth (m) Temp. (°C)

0	22.41
10	22.04
20	21.95
30	21.47
50	21.41
75	19.94
100	20.08
125	19.35
150	17.72
200	15.55

Cruise: 203 Drop #: 6 Probe Type: T-7
Latitude: 28° 10.00' N Longitude: 89° 31.20' W Date: 8-Jan-93 Time: 1615

Depth (m) Temp. (°C)

0	21.75
10	22.12
20	22.06
30	22.03
50	22.10
75	20.53
100	18.17
125	16.77
150	15.76
200	13.79
250	12.50
300	10.86

Cruise: 203 Drop #: 7 Probe Type: T-7
Latitude: 27° 31.50' N Longitude: 89° 30.50' W Date: 8-Jan-93 Time: 2121

Depth (m) Temp. (°C)

0	22.10
10	22.06
20	22.11
30	21.96
50	21.72
75	20.41
100	18.70
125	17.26
150	16.09
200	14.56
250	12.77
300	11.47
400	9.54
500	7.81
600	6.64
700	5.84

Cruise: 203 Drop #: 8 Probe Type: T-7
Latitude: 27° 11.30' N Longitude: 90° 42.10' W Date: 9-Jan-93 Time: 1622

Depth (m) Temp. (°C)

0	22.30
10	22.18
20	22.16
30	22.24
50	22.14
75	20.89
100	19.03
125	17.38
150	16.22
200	14.36
250	13.03
300	11.79
400	9.63
500	7.99
600	6.96
700	6.22

Cruise: 203 Drop #: 9 Probe Type: T-7
Latitude: 27° 51.00' N Longitude: 90° 41.60' W Date: 9-Jan-93 Time: 2120

Depth (m) Temp. (°C)

0	22.65
10	22.39
20	22.79
30	23.20
50	23.18
75	22.08
100	20.06
125	18.77
150	17.68
200	15.53
250	14.18
300	12.95
400	10.78
500	9.25
600	7.84

Cruise: 203 Drop #: 10 Probe Type: T-7
Latitude: 28° 12.50' N Longitude: 90° 41.90' W Date: 9-Jan-93 Time: 0110

Depth (m) Temp. (°C)

0	22.05
10	21.92
20	21.91
30	21.89
50	21.85
75	21.59

Cruise: 203 Drop #: 11 Probe Type: T-7
Latitude: 27° 37.00' N Longitude: 91° 17.00' W Date: 10-Jan-93 Time: 1621

Depth (m) Temp. (°C)

0	22.55
10	22.31
20	22.27
30	22.26
50	22.10
75	20.66
100	18.90
125	17.37
150	16.25
200	14.42
250	13.30
300	12.37

Cruise: 203 Drop #: 12 Probe Type: T-7
Latitude: 27° 03.20' N Longitude: 91° 18.50' W Date: 10-Jan-93 Time: 2119

Depth (m) Temp. (°C)

0	22.98
10	22.19
20	22.16
30	22.15
50	22.17
75	21.66
100	19.22
125	17.95
150	16.38
200	14.63
250	13.07
300	11.68
400	9.79
500	8.27
600	7.23
700	6.55

Cruise: 203 Drop #: 13 Probe Type: T-7
Latitude: 27° 05.50' N Longitude: 92° 10.00' W Date: 11-Jan-93 Time: 1612

Depth (m) Temp. (°C)

0	23.61
10	23.46
20	23.46
30	23.42
50	23.44
75	22.25
100	20.30
125	18.67
150	17.12
200	15.17
250	13.56
300	12.17
400	10.03
500	8.52
600	7.09
700	6.10

Cruise: 203 Drop #: 14 Probe Type: T-7
Latitude: 27° 43.30' N Longitude: 92° 09.50' W Date: 11-Jan-93 Time: 2106

Depth (m) Temp. (°C)

0	22.56
10	21.93
20	21.93
30	21.90
50	21.84
75	21.70
100	20.50
125	18.76
150	17.49
200	14.69
250	12.38
300	11.19
400	9.24
500	7.56

Cruise: 203 Drop #: 15 Probe Type: T-10
Latitude: 28° 08.50' N Longitude: 92° 08.90' W Date: 11-Jan-93 Time: 0053

Depth (m) Temp. (°C)

0	22.48
10	21.97
20	21.97
30	21.95
50	21.96
75	21.65
100	21.42

Cruise: 203 Drop #: 16 Probe Type: T-7
Latitude: 27° 34.10' N Longitude: 93° 03.00' W Date: 12-Jan-93 Time: 1624

Depth (m) Temp. (°C)

0	22.95
10	22.40
20	22.38
30	22.38
50	22.24
75	21.45
100	19.69
125	17.78
150	16.44
200	14.58
250	13.07
300	11.98
400	9.96
500	8.06

Cruise: 203 Drop #: 17 Probe Type: T-7
Latitude: 26° 56.30' N Longitude: 93° 03.20' W Date: 12-Jan-93 Time: 2110

Depth (m) Temp. (°C)

0	23.23
10	22.40
20	22.42
30	22.37
50	22.47
75	22.29
100	20.87
125	18.71
150	16.54
200	14.77
250	13.15
300	11.90
400	10.05
500	8.24
600	6.90
700	6.14

Cruise: 203 Drop #: 18 Probe Type: T-7
Latitude: 26° 44.00' N Longitude: 93° 56.00' W Date: 13-Jan-93 Time: 1627

Depth (m) Temp. (°C)

0	23.75
10	23.73
20	23.72
30	23.72
50	23.72
75	23.72
100	23.73
125	23.74
150	21.54
200	19.21
250	17.02
300	15.55
400	12.08
500	10.16
600	8.43
700	7.23

Cruise: 203 Drop #: 19 Probe Type: T-7
Latitude: 27° 09.30' N Longitude: 93° 55.50' W Date: 13-Jan-93 Time: 2110

Depth (m) Temp. (°C)

0	23.68
10	23.38
20	23.39
30	23.40
50	23.40
75	23.40
100	23.40
125	21.27
150	19.91
200	17.33
250	15.47
300	13.45
400	11.41
500	8.72
600	6.87
700	6.03

Cruise: 203 Drop #: 20 Probe Type: T-10
Latitude: 27° 44.90' N Longitude: 93° 56.00' W Date: 14-Jan-93 Time: 0229

Depth (m) Temp. (°C)

0	21.97
10	22.18
20	21.81
30	21.80
50	21.81
75	21.67
100	20.61
125	18.45
150	16.95
200	16.94

Cruise: 203 Drop #: 22 Probe Type: T-7
Latitude: 27° 24.00' N Longitude: 94° 49.00' W Date: 14-Jan-93 Time: 1636

Depth (m) Temp. (°C)

0	23.39
10	23.46
20	23.46
30	23.46
50	23.45
75	23.46
100	23.47
125	22.58
150	20.46
200	17.97
250	15.76
300	14.15
400	11.67
500	9.68
600	8.12
700	7.12

Cruise: 203 Drop #: 24 Probe Type: T-7
Latitude: 26° 56.50' N Longitude: 94° 50.30' W Date: 14-Jan-93 Time: 2118

Depth (m) Temp. (°C)

0	23.79
10	23.81
20	23.80
30	23.79
50	23.79
75	23.79
100	23.79
125	23.80
150	22.89
200	20.02
250	17.75
300	15.55
400	12.68
500	10.55
600	8.74
700	7.31

Cruise: 203 Drop #: 25 Probe Type: T-7
Latitude: 26° 29.00' N Longitude: 95° 42.00' W Date: 15-Jan-93 Time: 1614

Depth (m) Temp. (°C)

0	23.59
10	23.46
20	23.50
30	23.50
50	23.63
75	23.63
100	22.56
125	20.74
150	19.11
200	16.75
250	15.17
300	13.53
400	11.10
500	9.35
600	7.84
700	6.84

Cruise: 203 Drop #: 26 Probe Type: T-7
Latitude: 27° 04.00' N Longitude: 95° 30.70' W Date: 15-Jan-93 Time: 2119

Depth (m) Temp. (°C)

0	23.38
10	23.48
20	23.46
30	23.46
50	23.47
75	23.48
100	23.50
125	21.96
150	20.19
200	17.90
250	15.64
300	14.13
400	11.78

Cruise: 203 Drop #: 27 Probe Type: T-10
Latitude: 28° 06.00' N Longitude: 95° 14.00' W Date: 16-Jan-93 Time: 0445

Depth (m) Temp. (°C)

0	21.22
10	21.22
20	21.18
30	21.22
50	20.62

Cruise: 203 Drop #: 28 Probe Type: T-10
Latitude: 28° 06.00' N Longitude: 95° 14.00' W Date: 16-Jan-93 Time: 1352

Depth (m) Temp. (°C)

0	21.10
10	21.14
20	21.13
30	21.12
50	20.90
75	20.90
100	20.93

Cruise: 203 Drop #: 30 Probe Type: T-7
Latitude: 27° 43.00' N Longitude: 95° 06.90' W Date: 16-Jan-93 Time: 1817

Depth (m) Temp. (°C)

0	22.90
10	23.33
20	23.30
30	23.29
50	23.29
75	23.28
100	20.99
125	19.88
150	18.27
200	15.49
250	13.78
300	12.16
400	9.70
500	8.73

Cruise: 203 Drop #: 31 Probe Type: T-7
Latitude: 27° 31.30' N Longitude: 94° 56.80' W Date: 16-Jan-93 Time: 2033

Depth (m) Temp. (°C)

0	23.04
10	23.36
20	23.32
30	23.31
50	23.33
75	23.36
100	23.38
125	21.57
150	19.57
200	16.88
250	14.95
300	13.40
400	10.84
500	9.13
600	7.65
700	6.68

Cruise: 203 Drop #: 32 Probe Type: T-7
Latitude: 27° 17.00' N Longitude: 96° 04.00' W Date: 19-Jan-93 Time: 1620

Depth (m) Temp. (°C)

0	21.95
10	21.40
20	21.38
30	21.38
50	21.10
75	20.61
100	21.05
125	19.70
150	15.73
200	13.09
250	11.72
300	10.86

Cruise: 203 Drop #: 33 Probe Type: T-7
Latitude: 26° 46.10' N Longitude: 96° 04.10' W Date: 19-Jan-93 Time: 2115

Depth (m) Temp. (°C)

0	23.53
10	23.46
20	23.51
30	23.67
50	23.61
75	23.59
100	21.70
125	20.15
150	18.14
200	16.09
250	14.33
300	12.72
400	10.47
500	8.72
600	7.41
700	6.35

Cruise: 203 Drop #: 34 Probe Type: T-7
Latitude: 26° 57.00' N Longitude: 95° 11.00' W Date: 20-Jan-93 Time: 1617

Depth (m) Temp. (°C)

0	23.88
10	23.54
20	23.51
30	23.51
50	23.51
75	23.50
100	23.48
125	23.12
150	20.75
200	18.50
250	16.20
300	14.57
400	12.14
500	10.07
600	8.46
700	7.09

Cruise: 203 Drop #: 35 Probe Type: T-7
Latitude: 27° 14.70' N Longitude: 95° 10.90' W Date: 20-Jan-93 Time: 1834

Depth (m) Temp. (°C)

0	23.48
10	23.42
20	23.37
30	23.37
50	23.44
75	23.46
100	22.53
125	21.29
150	19.69
200	17.19
250	15.34
300	13.96
400	11.54
500	9.64
600	8.16
700	7.12

Cruise: 203 Drop #: 36 Probe Type: T-7
Latitude: 27° 37.80' N Longitude: 95° 11.10' W Date: 20-Jan-93 Time: 2136

Depth (m) Temp. (°C)

0	23.20
10	23.41
20	23.39
30	23.39
50	23.39
75	23.38
100	21.32
125	19.44
150	17.84
200	15.70
250	13.88
300	12.61
400	10.41

Cruise: 203 Drop #: 37 Probe Type: T-7
Latitude: 27° 38.30' N Longitude: 95° 11.10' W Date: 20-Jan-93 Time: 2140

Depth (m) Temp. (°C)

0	23.25
10	23.43
20	23.37
30	23.37
50	23.37
75	23.36
100	21.43
125	19.42
150	17.79
200	15.57
250	13.94
300	12.49
400	10.41
500	9.04
600	7.43
700	6.18

Cruise: 203 Drop #: 38 Probe Type: T-7
Latitude: 27° 34.00' N Longitude: 94° 18.00' W Date: 21-Jan-93 Time: 1627

Depth (m) Temp. (°C)

0	23.23
10	23.33
20	23.32
30	23.31
50	23.32
75	23.31
100	21.96
125	20.50
150	18.96
200	16.27
250	14.50
300	13.11
400	10.36
500	8.46
600	7.87
700	7.39

Cruise: 203 Drop #: 39 Probe Type: T-7
Latitude: 26° 54.50' N Longitude: 94° 17.80' W Date: 21-Jan-93 Time: 2115

Depth (m) Temp. (°C)

0	23.79
10	23.60
20	23.57
30	23.57
50	23.56
75	23.59
100	23.61
125	23.59
150	21.48
200	18.62
250	16.69
300	14.92
400	12.24
500	10.24
600	8.59
700	7.25

Cruise: 203 Drop #: 40 Probe Type: T-7
Latitude: 26° 47.00' N Longitude: 93° 25.00' W Date: 22-Jan-93 Time: 1628

Depth (m) Temp. (°C)

0	22.20
10	21.85
20	21.83
30	21.83
50	22.18
75	22.05
100	20.35
125	17.24
150	14.75
200	12.42
250	11.18
300	10.23
400	8.16
500	7.15
600	6.24
700	5.77

Cruise: 203 Drop #: 41 Probe Type: T-7
Latitude: 27° 34.00' N Longitude: 92° 32.00' W Date: 23-Jan-93 Time: 1618

Depth (m) Temp. (°C)

0	22.75
10	22.46
20	22.43
30	22.43
50	22.42
75	21.86
100	20.01
125	18.32
150	17.18
200	15.12
250	13.53
300	12.05
400	9.72
500	7.84

Cruise: 203 Drop #: 43 Probe Type: T-7
Latitude: 26° 55.70' N Longitude: 92° 31.90' W Date: 23-Jan-93 Time: 2112

Depth (m) Temp. (°C)

0	22.96
10	22.61
20	22.40
30	22.38
50	22.38
75	21.64
100	19.69
125	17.94
150	16.37
200	14.62
250	13.09
300	12.02
400	9.88
500	8.15
600	7.02
700	6.12

Cruise: 203 Drop #: 44 Probe Type: T-7
Latitude: 27° 38.00' N Longitude: 90° 46.00' W Date: 26-Jan-93 Time: 1614

Depth (m) Temp. (°C)

0	21.33
10	21.59
20	21.78
30	21.87
50	21.93
75	21.88
100	20.03
125	17.91
150	16.75
200	14.66
250	13.26
300	11.97
400	9.71
500	7.92
600	6.97
700	6.17

Cruise: 203 Drop #: 45 Probe Type: T-7
Latitude: 27° 17.40' N Longitude: 90° 44.70' W Date: 26-Jan-93 Time: 1851

Depth (m) Temp. (°C)

0	21.70
10	21.75
20	21.73
30	21.72
50	21.71
75	21.41
100	19.23
125	17.86
150	16.90
200	15.33
250	13.48
300	12.01
400	9.90
500	8.20
600	7.00
700	6.35

Cruise: 203 Drop #: 46 Probe Type: T-7
Latitude: 26° 48.40' N Longitude: 90° 41.00' W Date: 26-Jan-93 Time: 2213

Depth (m) Temp. (°C)

0	21.75
10	21.64
20	21.63
30	21.62
50	21.62
75	21.24
100	18.82
125	17.39
150	16.32
200	14.53
250	12.81
300	11.49
400	9.43
500	7.80
600	6.67

Cruise: 203 Drop #: 47 Probe Type: T-7
Latitude: 27° 15.90' N Longitude: 89° 56.10' W Date: 27-Jan-93 Time: 1213

Depth (m) Temp. (°C)

0	21.40
10	21.58
20	21.59
30	21.59
50	21.43
75	19.88
100	18.34
125	17.19
150	15.86
200	13.92
250	12.64
300	11.37

Cruise: 203 Drop #: 48 Probe Type: T-7
Latitude: 27° 17.10' N Longitude: 89° 56.80' W Date: 27-Jan-93 Time: 1232

Depth (m) Temp. (°C)

0	21.47
10	21.53
20	21.54
30	21.53
50	20.42
75	19.73
100	18.04
125	16.84
150	15.84
200	13.80
250	12.31
300	11.12
400	8.94
500	7.61
600	6.50
700	5.83

Cruise: 203 Drop #: 49 Probe Type: T-7
Latitude: 27° 43.00' N Longitude: 89° 53.50' W Date: 27-Jan-93 Time: 1621

Depth (m) Temp. (°C)

0	21.41
10	21.35
20	21.31
30	21.30
50	21.12
75	19.40
100	17.89
125	16.46
150	14.99
200	12.47
250	10.19
300	9.26

Cruise: 203 Drop #: 50 Probe Type: T-7
Latitude: 28° 14.30' N Longitude: 89° 53.00' W Date: 27-Jan-93 Time: 2106

Depth (m) Temp. (°C)

0	22.27
10	22.39
20	22.38
30	22.39
50	22.35
75	19.02
100	17.65
125	16.57
150	16.04
200	13.75
250	11.52
300	11.18

Cruise: 203 Drop #: 51 Probe Type: T-7
Latitude: 28° 27.50' N Longitude: 89° 00.00' W Date: 28-Jan-93 Time: 1615

Depth (m) Temp. (°C)

0	22.29
10	23.11
20	23.07
30	23.07
50	23.06
75	21.76
100	19.58
125	17.85
150	16.88
200	15.09
250	13.41
300	11.74
400	9.57
500	8.21
600	6.97
700	6.03

Cruise: 203 Drop #: 52 Probe Type: T-7
Latitude: 27° 57.30' N Longitude: 89° 00.00' W Date: 28-Jan-93 Time: 2105

Depth (m) Temp. (°C)

0	23.10
10	22.86
20	22.83
30	22.81
50	22.81
75	22.79
100	21.10
125	19.23
150	18.02
200	15.90
250	14.30
300	12.74
400	10.55
500	8.79
600	7.57
700	6.64

Cruise: 203 Drop #: 53 Probe Type: T-7
Latitude: 28° 15.00' N Longitude: 88° 07.00' W Date: 29-Jan-93 Time: 1622

Depth (m) Temp. (°C)

0	23.16
10	22.78
20	22.77
30	22.77
50	22.77
75	22.77
100	22.76
125	21.04
150	19.23
200	16.56
250	14.82
300	13.33
400	10.98
500	9.34
600	7.88
700	6.79

Cruise: 203 Drop #: 54 Probe Type: T-7
Latitude: 28° 52.00' N Longitude: 88° 06.40' W Date: 29-Jan-93 Time: 2117

Depth (m) Temp. (°C)

0	23.11
10	22.80
20	22.77
30	22.77
50	22.76
75	22.63
100	20.60
125	19.13
150	17.47
200	15.33
250	13.69
300	12.06
400	9.82
500	8.12
600	6.91
700	6.11

Cruise: 203 Drop #: 55 Probe Type: T-7
Latitude: 28° 46.50' N Longitude: 88° 00.00' W Date: 2-Feb-93 Time: 1609

Depth (m) Temp. (°C)

0	22.30
10	22.44
20	22.43
30	22.43
50	22.45
75	22.47
100	21.09
125	19.36
150	17.76
200	15.72
250	14.03
300	12.36
400	9.98
500	8.35
600	7.18
700	6.43

Cruise: 203 Drop #: 56 Probe Type: T-7
Latitude: 28° 15.00' N Longitude: 88° 00.10' W Date: 2-Feb-93 Time: 2058

Depth (m) Temp. (°C)

0	22.47
10	22.50
20	22.45
30	22.45
50	22.45
75	22.45
100	22.45
125	20.86
150	19.34
200	17.00
250	15.10
300	13.75
400	11.49
500	9.45
600	7.97
700	6.74

Cruise: 203 Drop #: 57 Probe Type: T-7
Latitude: 28° 06.50' N Longitude: 88° 53.00' W Date: 3-Feb-93 Time: 1610

Depth (m) Temp. (°C)

0	22.79
10	22.58
20	22.56
30	22.56
50	22.57
75	22.58
100	22.61
125	20.92
150	19.16
200	16.73
250	14.98
300	13.27
400	10.79
500	9.18
600	7.89
700	6.89

Cruise: 203 Drop #: 58 Probe Type: T-7
Latitude: 28° 34.80' N Longitude: 88° 49.80' W Date: 3-Feb-93 Time: 2114

Depth (m) Temp. (°C)

0	22.71
10	22.62
20	22.59
30	22.59
50	22.61
75	22.57
100	20.46
125	18.92
150	17.62
200	15.95
250	14.30
300	12.74
400	10.68
500	8.89
600	7.44
700	6.47

Cruise: 203 Drop #: 59 Probe Type: T-7
Latitude: 28° 19.00' N Longitude: 89° 48.00' W Date: 4-Feb-93 Time: 1607

Depth (m) Temp. (°C)

0	21.95
10	21.94
20	21.91
30	21.91
50	21.91
75	19.56
100	18.02
125	17.35
150	16.24
200	13.98
250	12.51
300	10.88

Cruise: 203 Drop #: 60 Probe Type: T-7
Latitude: 27° 54.70' N Longitude: 89° 43.30' W Date: 4-Feb-93 Time: 2103

Depth (m) Temp. (°C)

0	21.60
10	21.29
20	21.24
30	21.14
50	21.06
75	20.73
100	19.09
125	17.65
150	16.48
200	13.87
250	11.14
300	9.62
400	7.80
500	6.88
600	6.24
700	5.80

Cruise: 203 Drop #: 61 Probe Type: T-7
Latitude: 27° 07.00' N Longitude: 90° 39.00' W Date: 5-Feb-93 Time: 1611

Depth (m) Temp. (°C)

0	21.61
10	21.32
20	21.29
30	21.29
50	21.35
75	21.27
100	19.18
125	18.43
150	17.73
200	15.12
250	13.30
300	11.93
400	9.51
500	8.06
600	6.96
700	6.23

Cruise: 203 Drop #: 62 Probe Type: T-7
Latitude: 27° 41.80' N Longitude: 90° 38.90' W Date: 5-Feb-93 Time: 2056

Depth (m) Temp. (°C)

0	21.81
10	21.55
20	21.25
30	21.10
50	20.17
75	19.30
100	19.50
125	18.63
150	16.39
200	13.50
250	12.10
300	11.27
400	9.06
500	7.41
600	6.79
700	6.11

Cruise: 203 Drop #: 63 Probe Type: T-7
Latitude: 27° 33.50' N Longitude: 91° 32.00' W Date: 6-Feb-93 Time: 1611

Depth (m) Temp. (°C)

0	20.85
10	21.21
20	21.25
30	21.28
50	21.26
75	21.52
100	19.70
125	18.06
150	16.92
200	14.94

Cruise: 203 Drop #: 64 Probe Type: T-7
Latitude: 27° 33.00' N Longitude: 91° 32.00' W Date: 6-Feb-93 Time: 1615

Depth (m) Temp. (°C)

0	21.18
10	21.34
20	21.34
30	21.32
50	21.32
75	21.38
100	19.54
125	17.83
150	16.70
200	14.73
250	13.14
300	11.61
400	9.69
500	8.30
600	7.11
700	6.24

Cruise: 203 Drop #: 65 Probe Type: T-7
Latitude: 27° 11.80' N Longitude: 91° 32.20' W Date: 6-Feb-93 Time: 1834

Depth (m) Temp. (°C)

0	21.21
10	21.18
20	21.15
30	21.15
50	21.16
75	21.16
100	19.16
125	17.73
150	16.37
200	14.57
250	13.13
300	11.66
400	9.45
500	8.02
600	6.71
700	6.01

Cruise: 203 Drop #: 66 Probe Type: T-7
Latitude: 26° 48.60' N Longitude: 91° 32.00' W Date: 6-Feb-93 Time: 2059

Depth (m) Temp. (°C)

0	21.51
10	21.80
20	21.81
30	21.80
50	21.77
75	21.09
100	19.04
125	17.76
150	16.60
200	14.24
250	12.77
300	11.60
400	9.55
500	7.76
600	6.76
700	5.98

Cruise: 203 Drop #: 67 Probe Type: T-7
Latitude: 26° 19.20' N Longitude: 91° 32.90' W Date: 6-Feb-93 Time: 0014

Depth (m) Temp. (°C)

0	20.95
10	21.76
20	21.75
30	21.77
50	21.77
75	21.76
100	19.28
125	17.65
150	16.50
200	14.31
250	12.61
300	11.39
400	9.34
500	7.95
600	6.96
700	6.24

Cruise: 203 Drop #: 68 Probe Type: T-7
Latitude: 27° 07.00' N Longitude: 92° 25.00' W Date: 7-Feb-93 Time: 1607

Depth (m) Temp. (°C)

0	21.12
10	21.12
20	21.11
30	21.10
50	21.09
75	20.15
100	18.45
125	16.98
150	16.21
200	14.37
250	12.78
300	11.45
400	9.43
500	7.90
600	6.85
700	6.11

Cruise: 203 Drop #: 69 Probe Type: T-7
Latitude: 27° 41.90' N Longitude: 92° 25.00' W Date: 7-Feb-93 Time: 2102

Depth (m) Temp. (°C)

0	21.13
10	20.95
20	20.94
30	20.94
50	20.90
75	20.90
100	19.65
125	18.39
150	16.79
200	14.26
250	12.69
300	11.96

Cruise: 203 Drop #: 70 Probe Type: T-7
Latitude: 27° 33.50' N Longitude: 93° 17.90' W Date: 8-Feb-93 Time: 1613

Depth (m) Temp. (°C)

0	21.24
10	21.16
20	21.15
30	21.14
50	21.15
75	21.09
100	20.69
125	18.42
150	16.91
200	14.80
250	12.84
300	11.29
400	9.89

Cruise: 203 Drop #: 71 Probe Type: T-7
Latitude: 27° 07.60' N Longitude: 93° 18.00' W Date: 8-Feb-93 Time: 2101

Depth (m) Temp. (°C)

0	21.95
10	21.42
20	21.39
30	21.36
50	21.46
75	21.52
100	20.13
125	18.69
150	17.74
200	15.48
250	13.64
300	12.57
400	10.36
500	8.56
600	7.46
700	6.57

Cruise: 203 Drop #: 73 Probe Type: T-7
Latitude: 26° 51.00' N Longitude: 94° 11.00' W Date: 9-Feb-93 Time: 1622

Depth (m) Temp. (°C)

0	22.54
10	22.40
20	22.38
30	22.39
50	22.38
75	21.67
100	21.44
125	20.47
150	18.77
200	16.42
250	14.58
300	13.24
400	11.11
500	9.16
600	8.25
700	6.86

Cruise: 203 Drop #: 74 Probe Type: T-7
Latitude: 27° 26.20' N Longitude: 94° 10.40' W Date: 9-Feb-93 Time: 2101

Depth (m) Temp. (°C)

0	22.45
10	22.32
20	22.30
30	22.30
50	20.90
75	20.80
100	20.46
125	19.07
150	17.35
200	15.21
250	13.81
300	12.40
400	9.78
500	8.37
600	7.09
700	6.29

Cruise: 203 Drop #: 75 Probe Type: T-7
Latitude: 28° 00.30' N Longitude: 95° 03.70' W Date: 10-Feb-93 Time: 1259

Depth (m) Temp. (°C)

0	21.81
10	22.01
20	21.98
30	21.23
50	20.64
75	19.87

Cruise: 203 Drop #: 76 Probe Type: T-7
Latitude: 27° 26.70' N Longitude: 95° 04.00' W Date: 10-Feb-93 Time: 2104

Depth (m) Temp. (°C)

0	22.74
10	23.33
20	23.31
30	23.29
50	23.28
75	23.25
100	21.64
125	20.19
150	18.38
200	16.23
250	14.62
300	13.15
400	10.83
500	9.09
600	7.95
700	6.75

Cruise: 203 Drop #: 77 Probe Type: T-7
Latitude: 27° 27.00' N Longitude: 95° 57.00' W Date: 11-Feb-93 Time: 1610

Depth (m) Temp. (°C)

0	21.55
10	21.18
20	21.19
30	21.14
50	21.19
75	20.76
100	20.32
125	18.63
150	16.84
200	13.79
250	12.63
300	11.86

CTD Data

Cruise: 203
Time: 1235

Station: 54608
Latitude: 28° 29.52' N

Date: 6-Jan-93
Longitude: 87° 45.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.608	36.142
20	23.541	36.144
30	23.553	36.170
50	23.568	36.209
75	22.788	36.338
100	20.686	36.496
125	19.343	36.525
150	17.977	36.393
200	15.825	36.090
250	14.170	35.832
300	12.652	35.581
400	10.206	35.218
500	8.638	35.016

Cruise: 203
Time: 1734

Station: 54610
Latitude: 27° 51.30' N

Date: 6-Jan-93
Longitude: 87° 43.70' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	23.557	36.393
30	23.538	36.390
50	23.520	36.389
75	23.511	36.388
100	23.482	36.381
125	21.065	36.704
150	19.699	36.633
200	17.414	36.349
250	15.620	36.075
300	14.481	35.866
400	11.970	35.470
500	10.177	35.212

Cruise: 203
Time: 0004

Station: 54613
Latitude: 28° 09.50' N

Date: 7-Jan-93
Longitude: 88° 07.20' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.637	36.273
20	23.641	36.279
30	23.581	36.354
50	23.529	36.360
75	23.439	36.368
100	21.973	36.619
125	20.170	36.565
150	18.551	36.487
200	16.463	36.200

Cruise: 203
Time: 0520

Station: 54615
Latitude: 28° 07.20' N

Date: 7-Jan-93
Longitude: 88° 37.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.679	36.163
20	23.450	36.164
30	22.840	36.045
50	22.260	36.070
75	21.482	36.243
100	19.613	36.507
125	17.988	36.394
150	16.522	36.200
200	14.140	35.841
250	12.345	35.546
300	10.978	35.323
400	8.928	35.055
500	7.484	34.914

Cruise: 203
Time: 1242

Station: 54617
Latitude: 29° 05.90' N

Date: 7-Jan-93
Longitude: 88° 38.50' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.105	36.051
20	22.137	36.096
30	21.920	36.121
50	20.902	36.098
100	19.988	36.206
125	19.796	36.456
150	18.950	36.463

Cruise: 203
Time: 1742

Station: 54618
Latitude: 29° 01.93' N

Date: 7-Jan-93
Longitude: 88° 43.25' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	21.949	36.129
30	21.566	36.058
75	19.898	36.121
100	20.060	36.307
125	19.559	36.515
150	17.971	36.395
200	15.548	36.048

Cruise: 203
Time: 0300

Station: 54620
Latitude: 28° 52.90' N

Date: 8-Jan-93
Longitude: 88° 11.60' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	18.266	33.369
20	19.480	34.882
30	20.984	35.749
50	20.877	36.002
75	19.963	35.693

Cruise: 203
Time: 0518

Station: 54621
Latitude: 28° 45.60' N

Date: 8-Jan-93
Longitude: 88° 31.40' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	19.008	33.466
30	19.951	34.939
50	21.581	35.944
75	21.178	35.920

Cruise: 203
Time: 1240

Station: 54623
Latitude: 27° 49.42' N

Date: 8-Jan-93
Longitude: 89° 30.95' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.889	35.517
20	21.949	35.613
30	22.080	35.995
50	22.046	36.165
75	20.579	36.527
100	18.176	36.426
125	16.721	36.254
150	15.896	36.116
200	14.345	35.876
250	12.740	35.615
300	11.369	35.430
400	9.112	35.102
500	7.607	34.925

Cruise: 203
Time: 1756

Station: 54625
Latitude: 27° 09.50' N

Date: 8-Jan-93
Longitude: 89° 30.09' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.650	35.915
20	22.639	35.914
50	22.008	36.100
75	20.778	36.484
100	18.970	36.519
125	17.581	36.392
150	16.437	36.304
200	14.532	35.928
250	13.040	35.651
300	11.858	35.482
400	9.777	35.158
500	8.126	34.965

Cruise: 203
Time: 0424

Station: 54627
Latitude: 26° 34.80' N

Date: 9-Jan-93
Longitude: 90° 42.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.808	36.077
20	22.811	36.074
50	22.459	36.146
75	19.651	36.476
100	18.151	36.409
125	16.657	36.223
150	15.489	36.079
200	13.705	35.778
250	12.378	35.548
300	11.117	35.377
400	9.093	35.089

Cruise: 203
Time: 1237

Station: 54629
Latitude: 27° 31.20' N

Date: 9-Jan-93
Longitude: 90° 41.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.658	36.021
20	22.637	36.021
30	22.598	36.017
50	22.058	36.073
75	21.530	36.331
100	19.267	36.490
125	17.757	36.386
150	16.651	36.230
200	14.829	35.937
250	13.102	35.652
300	11.920	35.488
400	9.850	35.168
500	8.130	34.966

Cruise: 203
Time: 1741

Station: 54631
Latitude: 28° 12.02' N

Date: 9-Jan-93
Longitude: 90° 41.56' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.864	36.099
20	21.875	36.099
30	21.867	36.100
50	21.818	36.097
75	21.516	36.151

Cruise: 203
Time: 0054

Station: 54632
Latitude: 28° 06.30' N

Date: 10-Jan-93
Longitude: 91° 02.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.862	35.900
20	21.821	35.993
30	21.802	36.012
50	21.779	36.034
75	21.745	36.190

Cruise: 203
Time: 0335

Station: 54633
Latitude: 28° 09.80' N

Date: 10-Jan-93
Longitude: 91° 17.05' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	21.861	36.099
30	21.865	36.098
50	21.862	36.097
75	21.864	36.098

Cruise: 203
Time: 1236

Station: 54635
Latitude: 27° 17.63' N

Date: 10-Jan-93
Longitude: 91° 16.92' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.020	36.081
20	22.004	36.083
30	21.992	36.088
50	21.968	36.101
75	20.039	36.508
100	18.530	36.454
150	15.995	36.150
200	14.219	35.880
250	12.764	35.620
300	11.437	35.435
400	9.721	35.173
500	8.125	34.980

Cruise: 203
Time: 1814

Station: 54637
Latitude: 26° 38.50' N

Date: 10-Jan-93
Longitude: 91° 18.30' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	22.258	36.091
30	22.248	36.089
50	22.179	36.131
75	20.473	36.556
100	18.586	36.481
125	17.235	36.335
150	16.099	36.161
200	14.353	35.888
250	12.667	35.634
300	11.558	35.439
400	9.291	35.117
500	7.930	34.964

Cruise: 203
Time: 0402

Station: 54641
Latitude: 26° 33.70' N

Date: 11-Jan-93
Longitude: 92° 09.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.191	36.019
30	23.069	36.055
50	22.561	36.055
75	21.977	36.304
100	20.229	36.428
125	18.693	36.501
150	17.487	36.397
200	15.497	36.062
250	13.662	35.777
300	12.080	35.514
400	9.806	35.210
500	8.185	34.995

Cruise: 203
Time: 1233

Station: 54643
Latitude: 27° 26.10' N

Date: 11-Jan-93
Longitude: 92° 10.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.700	36.108
20	22.695	36.109
30	22.691	36.108
75	21.821	36.182
100	19.748	36.498
125	17.990	36.433
150	16.768	36.231
200	14.774	35.931
250	13.162	35.693
300	11.905	35.488
400	9.886	35.200
500	8.357	35.004

Cruise: 203
Time: 1754

Station: 54645
Latitude: 28° 08.48' N

Date: 11-Jan-93
Longitude: 92° 09.36' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	21.881	36.109
30	21.864	36.111
50	21.857	36.116

Cruise: 203
Time: 0013

Station: 54647
Latitude: 28° 07.10' N

Date: 12-Jan-93
Longitude: 92° 34.40' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.899	36.042
20	21.912	36.044
30	21.982	36.088
50	21.802	36.107
75	21.501	36.170

Cruise: 203
Time: 0420

Station: 54649
Latitude: 28° 03.90' N

Date: 12-Jan-93
Longitude: 93° 02.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	22.765	36.028
30	22.693	36.038
50	21.992	36.089
75	21.670	36.094

Cruise: 203
Time: 1240

Station: 54651
Latitude: 27° 13.43' N

Date: 12-Jan-93
Longitude: 93° 02.93' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.981	36.038
20	22.967	36.082
30	22.948	36.086
50	22.929	36.088
75	22.169	36.104
100	19.528	36.453
125	18.112	36.394
150	16.977	36.287
200	15.014	35.954
250	13.468	35.722
300	12.087	35.509
400	10.077	35.217
500	8.366	35.023

Cruise: 203
Time: 1825

Station: 54653
Latitude: 26° 34.13' N

Date: 12-Jan-93
Longitude: 93° 03.74' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.903	35.857
20	21.738	35.818
30	21.718	35.818
50	20.901	35.727
75	20.681	36.015
100	19.252	36.383
125	16.906	36.259
150	15.405	36.051
200	13.641	35.751
250	12.283	35.546
300	11.305	35.392
400	9.160	35.114
500	7.685	34.960

Cruise: 203
Time: 0440

Station: 54657
Latitude: 26° 19.30' N

Date: 13-Jan-93
Longitude: 93° 56.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.514	36.293
20	23.520	36.293
30	23.533	36.295
50	23.534	36.295
75	23.536	36.293
100	23.541	36.294
125	23.453	36.281
150	21.416	36.469
200	19.500	36.610
250	17.227	36.315
300	14.890	35.948
400	12.041	35.501
500	10.165	35.235

Cruise: 203
Time: 1232

Station: 54659
Latitude: 26° 56.60' N

Date: 13-Jan-93
Longitude: 93° 55.70' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.566	36.363
30	23.573	36.362
50	23.575	36.363
75	23.577	36.364
125	22.784	36.589
150	20.714	36.384
200	17.980	36.409
300	14.244	35.849
400	11.572	35.431

Cruise: 203
Time: 0310

Station: 54663
Latitude: 27° 53.90' N

Date: 14-Jan-93
Longitude: 94° 28.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.693	35.794
20	21.680	35.794
30	21.677	35.786
50	21.414	36.015
75	20.557	35.892
100	19.577	36.396
125	18.827	36.387

Cruise: 203
Time: 0545

Station: 54664
Latitude: 27° 57.20' N

Date: 14-Jan-93
Longitude: 94° 48.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.680	35.575
30	21.691	35.575
50	22.457	35.986
75	21.033	35.912

Cruise: 203
Time: 1235

Station: 54666
Latitude: 27° 06.50' N

Date: 14-Jan-93
Longitude: 94° 48.70' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.586	36.376
20	23.588	36.377
30	23.589	36.376
50	23.593	36.376
75	23.598	36.374
100	23.602	36.376
125	23.605	36.374
250	16.365	36.179
300	15.212	36.002
400	12.789	35.622
500	10.330	35.254

Cruise: 203
Time: 1740

Station: 54668
Latitude: 26° 48.80' N

Date: 14-Jan-93
Longitude: 94° 53.40' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	23.811	36.402
30	23.813	36.403
50	23.817	36.403
75	23.821	36.403
100	23.827	36.403
125	23.832	36.403
200	20.579	36.687
250	17.678	36.370
300	15.592	36.066
400	12.775	35.619
500	10.432	35.265

Cruise: 203
Time: 2327

Station: 54669
Latitude: 26° 26.48' N

Date: 14-Jan-93
Longitude: 95° 15.45' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.488	36.314
20	23.482	36.315
50	23.478	36.309
75	23.461	36.304
125	23.448	36.297
200	18.413	36.432

Cruise: 203
Time: 0542

Station: 54671
Latitude: 26° 00.90' N

Date: 15-Jan-93
Longitude: 95° 42.50' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.475	36.210
20	23.518	36.222
30	23.525	36.226
50	23.527	36.229
75	23.559	36.295
100	22.571	36.338
150	18.801	36.490
200	16.294	36.142
250	14.528	35.887
300	13.287	35.694
400	10.909	35.338
500	8.605	35.049

Cruise: 203
Time: 1235

Station: 54673
Latitude: 26° 49.08' N

Date: 15-Jan-93
Longitude: 95° 37.50' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.335	36.085
30	23.409	36.199
50	23.419	36.210
75	23.572	36.304
100	23.571	36.340
125	21.120	36.351
200	17.435	36.353
250	15.353	36.019
300	13.830	35.777
400	11.447	35.407

Cruise: 203 Station: 54675 Date: 15-Jan-93
Time: 2246 Latitude: 28° 06.08' N Longitude: 95° 13.99' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.120	35.758
20	21.123	35.760
30	21.122	35.761

Cruise: 203 Station 54676 Date: 16-Jan-93
Time: 0748 Latitude: 28° 05.98' N Longitude: 95° 14.22' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	21.013	35.860
30	20.960	35.932
50	20.776	35.980

Cruise: 203 Station: 54679 Date: 16-Jan-93
Time: 1809 Latitude: 27° 59.10' N Longitude: 94° 32.60' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.043	35.865
20	21.867	35.794
30	21.572	35.777
50	21.563	35.879

Cruise: 203 Station: 54680 Date: 19-Jan-93
Time: 0606 Latitude: 27° 40.55' N Longitude: 96° 04.47' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	22.711	36.073
30	22.751	36.070
50	22.314	35.972
75	21.278	36.015

Cruise: 203 Station: 54682 Date: 19-Jan-93
Time: 1237 Latitude: 26° 59.93' N Longitude: 96° 03.87' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.471	36.135
20	23.444	36.143
30	23.428	36.154
50	23.430	36.168
75	22.513	36.392
100	20.848	36.380
125	19.317	36.522
150	17.981	36.437
200	15.523	36.067
250	13.926	35.815
300	12.471	35.585
400	10.220	35.267
500	8.816	35.086

Cruise: 203 Station: 54684 Date: 19-Jan-93
Time: 1805 Latitude: 26° 23.79' N Longitude: 96° 04.38' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.538	35.814
20	23.560	35.820
30	23.722	35.893
50	23.693	35.969
75	22.051	36.399
100	20.448	36.445
125	18.983	36.502
150	17.702	36.371
200	15.773	36.113
250	14.276	35.868
300	12.935	35.676
400	10.406	35.289

Cruise: 203 Station: 54686 Date: 19-Jan-93
Time: 2233 Latitude: 26° 23.50' N Longitude: 95° 43.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.507	36.076
20	23.694	36.232
30	23.727	36.247
50	23.550	36.214
75	23.314	36.210
100	22.778	36.350
125	20.389	36.490
150	19.024	36.472
200	16.705	36.253

Cruise: 203 Station: 54689 Date: 20-Jan-93
Time: 0431 Latitude: 26° 19.70' N Longitude: 95° 10.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.410	36.345
20	23.415	36.344
30	23.424	36.347
75	23.453	36.361
100	23.537	36.398
125	23.498	36.378
150	22.242	36.878
200	19.274	36.617
250	16.810	36.252
300	14.894	35.968
400	12.478	35.604
500	10.270	35.262

Cruise: 203 Station: 54693 Date: 20-Jan-93
Time: 2019 Latitude: 27° 58.75' N Longitude: 95° 09.82' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.517	35.803
20	21.511	35.804
30	21.158	35.823
50	21.161	35.921
75	20.934	36.003

Cruise: 203
Time: 2214

Station: 54695
Latitude: 27° 58.00' N

Date: 20-Jan-93
Longitude: 94° 49.50' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.253	35.785
20	21.120	35.795
30	21.137	35.970
50	20.950	36.028
75	20.721	36.007

Cruise: 203
Time: 0347

Station: 54698
Latitude: 27° 57.01' N

Date: 21-Jan-93
Longitude: 94° 18.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.444	36.082
20	22.438	36.082
30	22.447	36.083
50	22.351	36.056
75	21.142	35.944
100	19.993	36.368

Cruise: 203
Time: 1234

Station: 54700
Latitude: 27° 14.98' N

Date: 21-Jan-93
Longitude: 94° 17.79' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.239	36.181
20	23.249	36.188
30	23.249	36.186
50	23.245	36.186
75	23.280	36.193
100	22.938	36.320
125	21.422	36.496
150	19.732	36.495
250	15.533	36.124
300	13.776	35.833
400	11.194	35.443
500	9.422	35.156

Cruise: 203
Time: 1845

Station: 54702
Latitude: 26° 27.79' N

Date: 21-Jan-93
Longitude: 94° 18.41' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.501	36.382
20	23.500	36.383
30	23.500	36.383
50	23.505	36.381
75	23.514	36.382
100	23.509	36.377
125	23.512	36.378
150	23.507	36.390
200	20.281	36.701
250	17.456	36.354
400	12.980	35.685
500	10.571	35.305

Cruise: 203
Time: 2237

Station: 54704
Latitude: 26° 22.00' N

Date: 21-Jan-93
Longitude: 93° 57.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.433	36.346
20	23.434	36.348
30	23.438	36.348
50	23.441	36.348
75	23.452	36.347
200	18.801	36.577

Cruise: 203
Time: 0404

Station: 54707
Latitude: 26° 18.93' N

Date: 22-Jan-93
Longitude: 93° 24.99' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.338	36.305
20	23.340	36.307
30	23.339	36.307
50	23.350	36.306
75	23.357	36.306
100	23.112	36.381
125	20.870	36.461
150	19.222	36.510
200	16.583	36.233
300	13.166	35.693
400	10.657	35.354

Cruise: 203
Time: 1240

Station: 54709
Latitude: 27° 06.20' N

Date: 22-Jan-93
Longitude: 93° 25.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.691	35.529
20	21.695	35.531
30	21.787	35.568
50	21.884	35.703
75	20.665	36.323
100	17.969	36.412
125	16.229	36.157
150	15.125	36.027
200	13.639	35.798
250	12.391	35.577
300	11.314	35.446
400	9.283	35.170
500	7.482	34.956

Cruise: 203
Time: 1758

Station: 54710
Latitude: 27° 44.56' N

Date: 22-Jan-93
Longitude: 93° 24.60' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.946	35.798
20	21.950	35.798
30	22.288	35.972
50	22.333	36.016
75	21.704	36.132
100	19.895	36.420
125	17.798	36.348
150	16.726	36.271
200	14.481	35.898

Cruise: 203 Station: 54712 Date: 22-Jan-93
Time: 2204 Latitude: 27° 52.40' N Longitude: 93° 04.30' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.036	36.005
20	22.042	36.004
30	22.044	36.002
50	22.051	36.004
75	21.906	36.032
100	19.853	36.414
125	18.189	36.398
150	16.918	36.309
200	14.940	35.956

Cruise: 203 Station: 54715 Date: 23-Jan-93
Time: 0425 Latitude: 26° 06.08' N Longitude: 92° 31.78' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.782	36.095
20	21.780	36.099
30	21.724	36.101
50	21.670	36.139
75	21.620	36.138

Cruise: 203 Station: 54717 Date: 23-Jan-93
Time: 1234 Latitude: 27° 14.60' N Longitude: 92° 32.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.847	36.096
20	21.755	36.071
30	21.730	36.065
50	21.692	36.046
100	19.976	36.452
125	18.128	36.428
150	16.799	36.238
200	14.920	35.972
300	12.203	35.559
400	10.085	35.237
500	8.399	35.036

Cruise: 203 Station: 54719 Date: 23-Jan-93
Time: 1759 Latitude: 26° 30.31' N Longitude: 92° 32.04' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.990	35.995
20	22.972	35.986
30	23.016	36.042
50	22.800	36.170
75	21.839	36.377
100	20.076	36.493
125	18.557	36.480
150	17.329	36.346
200	15.330	36.049
250	13.432	35.728
300	11.838	35.524
400	9.850	35.227
500	8.081	34.995

Cruise: 203 Station: 54720 Date: 25-Jan-93
Time: 2155 Latitude: 28° 10.10' N Longitude: 90° 14.60' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.017	35.456
20	21.027	35.457
30	21.036	35.447
50	19.490	36.253
75	19.336	35.943
100	19.843	36.118
125	19.345	36.514

Cruise: 203 Station: 54721 Date: 26-Jan-93
Time: 0459 Latitude: 28° 10.02' N Longitude: 90° 46.22' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	19.916	33.623
20	20.836	33.016
30	21.156	35.206
50	21.653	35.586
75	21.272	36.395
100	20.804	36.244

Cruise: 203 Station: 54727 Date: 27-Jan-93
Time: 1232 Latitude: 27° 57.50' N Longitude: 89° 53.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.710	35.868
30	21.712	36.022
50	21.608	36.106
100	18.870	36.492
125	16.999	36.344
150	15.407	36.063
200	13.231	35.749
250	10.528	35.303
300	9.100	35.114
400	7.776	34.947

Cruise: 203 Station: 54729 Date: 27-Jan-93
Time: 1750 Latitude: 28° 38.81' N Longitude: 89° 52.37' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.114	35.183
20	21.447	35.400
30	21.623	35.574
50	21.759	36.003
75	19.653	35.988
100	19.329	35.823
125	18.964	35.968
150	15.960	36.157
250	11.960	35.499

Cruise: 203 Station: 54731 Date: 27-Jan-93
Time: 2223 Latitude: 28° 41.53' N Longitude: 89° 28.72' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.280	35.185
20	22.707	35.707
30	22.841	35.973
50	22.182	36.158
75	20.499	
100	19.150	35.894

Cruise: 203 Station: 54734 Date: 28-Jan-93
Time: 0408 Latitude: 28° 58.20' N Longitude: 88° 59.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	17.726	30.826
20	19.174	34.393
30	18.774	34.514
50	19.570	35.335
75	19.106	35.616

Cruise: 203 Station: 54735 Date: 28-Jan-93
Time: 1242 Latitude: 28° 09.40' N Longitude: 88° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.847	36.271
20	22.829	36.272
30	22.823	36.272
50	22.823	36.271
75	22.159	36.385
100	20.522	36.622
125	18.929	36.568
150	17.662	36.412
200	15.634	36.080
250	14.069	35.812
300	12.612	35.614
400	10.419	35.252
500	8.647	35.038

Cruise: 203 Station: 54737 Date: 28-Jan-93
Time: 1750 Latitude: 27° 34.98' N Longitude: 89° 00.11' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.949	36.297
20	22.964	36.304
30	22.972	36.323
50	22.901	36.329
75	22.244	36.390
100	20.155	36.536
125	18.356	36.500
150	16.992	36.284
200	15.169	36.002
250	13.681	35.761
300	12.367	35.565
400	10.360	35.272
500	8.702	35.047

Cruise: 203
Time: 2157

Station: 54739
Latitude: 27° 38.01' N

Date: 28-Jan-93
Longitude: 88° 38.96' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.797	36.352
20	22.799	36.351
30	22.795	36.359
50	22.822	36.349
75	22.825	36.365
100	22.818	36.362
125	20.173	
150	18.988	
200	16.904	

Cruise: 203
Time: 0349

Station: 54742
Latitude: 27° 41.93' N

Date: 29-Jan-93
Longitude: 88° 06.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.798	36.372
20	22.800	36.373
30	22.802	36.373
50	22.805	36.373
75	22.810	36.372
100	22.812	36.372
125	21.066	36.610
150	19.763	36.678
200	17.196	36.342
250	15.570	36.081
300	14.630	35.930
400	11.959	35.498
500	10.765	35.320

Cruise: 203
Time: 1234

Station: 54744
Latitude: 28° 34.00' N

Date: 29-Jan-93
Longitude: 88° 06.40' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.670	36.364
20	22.672	36.364
30	22.672	36.364
50	22.675	36.365
75	22.680	36.365
100	22.667	36.373
125	20.281	36.606
150	18.889	36.514
250	15.153	36.024
300	13.656	35.764
400	11.202	35.383
500	9.226	35.107

Cruise: 203 Station: 54746 Date: 29-Jan-93
Time: 1730 Latitude: 29° 10.25' N Longitude: 88° 06.27' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	20.900	35.839
20	20.907	35.838
30	20.903	35.839
50	20.944	35.862
75	19.967	35.982
100	20.076	36.207
125	19.076	36.557
150	17.413	36.339
200	13.763	35.815
250	11.644	35.456
300	10.832	35.322
400	9.455	35.133

Cruise: 203 Station: 54747 Date: 29-Jan-93
Time: 2144 Latitude: 29° 38.70' N Longitude: 88° 05.30' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	18.350	35.947
20	18.427	36.049
30	18.395	36.084

Cruise: 203 Station: 54749 Date: 2-Feb-93
Time: 0126 Latitude: 29° 23.52' N Longitude: 87° 49.91' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	20.545	36.147
30	20.490	36.153
50	19.463	36.114
75	19.163	36.141

Cruise: 203 Station: 54750 Date: 2-Feb-93
Time: 0328 Latitude: 29° 21.78' N Longitude: 88° 00.16' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	20.001	35.879
20	20.034	35.892
30	20.094	35.958
50	20.014	36.063

Cruise: 203 Station: 54752 Date: 2-Feb-93
Time: 1237 Latitude: 28° 24.16' N Longitude: 87° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.430	36.366
20	22.419	36.362
30	22.419	36.364
50	22.417	36.365
75	22.427	36.367
125	20.781	36.583
150	19.396	36.568
200	16.788	36.304
250	15.192	36.013
300	13.880	35.808
400	11.289	35.399
500	9.217	35.118

Cruise: 203
Time: 1758

Station: 54754
Latitude: 27° 46.91' N

Date: 2-Feb-93
Longitude: 88° 00.31' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.601	36.400
20	22.605	36.400
30	22.603	36.400
75	22.593	36.397
100	22.598	36.397
125	21.528	36.581
150	19.629	36.666
200	17.273	36.341
250	15.733	36.092
300	14.462	35.883
400	12.092	35.508
500	10.241	35.235

Cruise: 203
Time: 2140

Station: 54756
Latitude: 27° 36.50' N

Date: 2-Feb-93
Longitude: 88° 11.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.542	36.393
20	22.541	36.394
30	22.547	36.395
50	22.546	36.394
75	22.554	36.395
100	22.558	36.395

Cruise: 203
Time: 0119

Station: 54758
Latitude: 27° 34.34' N

Date: 3-Feb-93
Longitude: 88° 33.95' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.496	36.363
20	22.527	36.366
30	22.530	36.365
50	22.532	36.365
75	22.546	36.373
100	22.545	36.377
125	20.898	36.658
150	19.414	36.633
200	16.999	36.289

Cruise: 203
Time: 0433

Station: 54760
Latitude: 27° 32.19' N

Date: 3-Feb-93
Longitude: 88° 53.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.606	36.321
20	22.610	36.319
30	22.616	36.321
50	22.622	36.322
75	22.630	36.320
100	22.473	36.411
125	20.472	36.646
150	18.880	36.502
200	16.675	36.244
250	14.926	35.978
300	13.318	35.701
400	10.851	35.323
500	9.077	35.084

Cruise: 203
Time: 1234

Station: 54762
Latitude: 28° 26.15' N

Date: 3-Feb-93
Longitude: 88° 52.70' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.631	36.224
20	22.631	36.232
30	22.634	36.233
50	22.619	36.234
75	22.691	36.382
100	21.505	36.524
150	18.105	36.463
200	16.011	36.146
250	14.394	35.882
300	13.128	35.694
400	10.814	35.305
500	8.855	35.059

Cruise: 203
Time: 2143

Station: 54764
Latitude: 28° 49.80' N

Date: 3-Feb-93
Longitude: 89° 31.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	20.353	33.016
20	21.976	36.107
30	21.816	36.066
50	21.758	36.090

Cruise: 203
Time: 2356

Station: 54765
Latitude: 28° 54.04' N

Date: 3-Feb-93
Longitude: 89° 43.66' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	17.075	28.155
20	19.824	33.246
30	20.532	35.568
50	20.397	35.956

Cruise: 203
Time: 0540

Station: 54766
Latitude: 28° 42.82' N

Date: 4-Feb-93
Longitude: 89° 46.42' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	21.500	35.327
30	22.305	36.177
50	21.956	36.173
75	20.452	36.385

Cruise: 203
Time: 1234

Station: 54768
Latitude: 28° 06.20' N

Date: 4-Feb-93
Longitude: 89° 48.84' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.383	36.059
20	21.339	36.057
30	21.304	36.050
50	21.262	36.036
75	19.967	36.589
150	15.599	36.107
200	13.968	35.860
400	9.153	35.104
500	7.901	34.968

Cruise: 203
Time: 1755

Station: 54770
Latitude: 27° 39.58' N

Date: 4-Feb-93
Longitude: 89° 47.15' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	20.961	36.017
20	20.965	36.018
30	20.965	36.015
75	20.901	36.011
100	19.636	36.561
125	17.510	36.414
150	15.827	36.120
200	12.777	35.651
250	10.284	35.293
300	8.657	35.037
400	7.374	34.919
500	6.484	34.888

Cruise: 203
Time: 2244

Station: 54772
Latitude: 27° 19.10' N

Date: 4-Feb-93
Longitude: 89° 54.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.614	36.125
20	21.609	36.126
30	21.561	36.115
50	21.083	36.023
75	19.480	36.513
100	17.933	36.437
150	14.511	35.936
200	13.132	35.678

Cruise: 203
Time: 0540

Station: 54774
Latitude: 26° 36.94' N

Date: 5-Feb-93
Longitude: 90° 39.02' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	20.965	35.808
20	20.977	35.816
30	21.004	35.823
75	19.852	36.066
100	19.455	36.521
125	17.651	36.350
150	16.620	36.226
200	14.689	35.930
250	12.957	35.657
300	11.632	35.463
400	9.602	35.165
500	7.883	34.959

Cruise: 203
Time: 1234

Station: 54776
Latitude: 27° 27.55' N

Date: 5-Feb-93
Longitude: 90° 39.11' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	20.933	35.954
20	21.066	36.025
30	21.066	36.027
50	21.134	36.043
75	20.711	36.423
125	17.542	36.337
150	16.470	36.207
200	14.692	35.934
250	12.604	35.590
300	11.045	35.356
400	9.252	35.103
500	7.863	34.955

Cruise: 203
Time: 1804

Station: 54778
Latitude: 28° 05.70' N

Date: 5-Feb-93
Longitude: 90° 39.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.458	36.093
20	21.461	36.088
30	21.386	36.100
50	19.306	35.760
75	19.280	35.808
100	19.246	36.328

Cruise: 203
Time: 0549

Station: 54780
Latitude: 28° 09.99' N

Date: 6-Feb-93
Longitude: 91° 33.34' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	20.645	35.958
30	20.653	35.960
50	20.668	35.954
75	20.783	36.003

Cruise: 203
Time: 0600

Station: 54785
Latitude: 26° 45.08' N

Date: 7-Feb-93
Longitude: 92° 25.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.558	36.145
20	21.561	36.146
50	21.574	36.145
75	21.583	36.145
100	19.078	36.480
125	17.445	36.327
150	16.115	36.147
250	13.113	35.707

Cruise: 203 Station: 54787 Date: 7-Feb-93
Time: 1235 Latitude: 27° 25.81' N Longitude: 92° 25.06' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.189	36.156
30	21.165	36.153
50	21.118	36.151
75	19.906	36.488
125	16.844	36.294
150	15.823	36.101
200	14.016	35.848
250	12.690	35.632
300	11.571	35.438
400	9.756	35.181
500	8.072	34.980

Cruise: 203 Station: 54789 Date: 7-Feb-93
Time: 1820 Latitude: 28° 08.26' N Longitude: 92° 25.18' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	20.649	36.145
20	20.644	36.147
30	20.654	36.146
50	20.641	36.146
75	20.636	36.146

Cruise: 203 Station: 54791 Date: 7-Feb-93
Time: 2353 Latitude: 28° 05.56' N Longitude: 92° 52.01' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	20.598	36.142
20	20.600	36.142
30	20.602	36.142
50	20.606	36.142
75	20.608	36.142

Cruise: 203 Station: 54793 Date: 8-Feb-93
Time: 0340 Latitude: 28° 05.08' N Longitude: 93° 18.16' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	20.413	36.100
30	20.414	36.099
75	20.425	36.103

Cruise: 203 Station: 54795 Date: 8-Feb-93
Time: 1235 Latitude: 27° 19.26' N Longitude: 93° 17.96' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.424	36.077
20	21.323	36.071
30	21.101	36.065
50	21.022	36.064
75	21.007	36.065
100	20.286	36.429
125	18.242	36.375
150	16.931	36.292
200	15.020	36.018
250	13.620	35.781
300	12.002	35.523
400	9.709	35.182

Cruise: 203
Time: 1821

Station: 54797
Latitude: 26° 42.51' N

Date: 8-Feb-93
Longitude: 93° 18.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.599	36.131
20	21.109	36.121
30	21.087	36.110
50	21.076	36.109
75	21.066	36.113
100	19.145	36.454
125	17.940	36.379
150	16.646	36.230
200	14.668	35.927
250	13.102	35.692
300	11.843	35.508
400	9.734	35.180
500	7.983	34.980

Cruise: 203
Time: 2249

Station: 54799
Latitude: 26° 33.90' N

Date: 8-Feb-93
Longitude: 93° 41.20' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.250	36.091
20	21.258	36.090
30	21.252	36.088
50	21.217	36.086
75	21.180	36.088
100	19.909	36.516
125	18.237	36.439
150	16.956	36.259
200	15.003	35.981

Cruise: 203
Time: 0430

Station: 54800
Latitude: 26° 21.01' N

Date: 9-Feb-93
Longitude: 94° 11.11' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	22.090	36.118
30	22.094	36.117
50	22.114	36.165
75	21.767	36.124
100	20.985	36.395
125	19.314	36.494
150	18.153	36.428
200	16.126	36.126
250	14.345	35.881
300	12.787	35.635
400	10.741	35.334
500	8.843	35.075

Cruise: 203 **Station:** 54802 **Date:** 9-Feb-93
Time: 1233 **Latitude:** 27° 08.94' N **Longitude:** 94° 10.67' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.390	36.163
20	22.376	36.168
30	22.381	36.164
50	22.402	36.210
75	22.460	36.262
100	22.378	36.330
125	19.880	
150	18.705	
200	16.283	
300	13.198	
400	10.664	
500	8.897	

Cruise: 203 **Station:** 54804 **Date:** 9-Feb-93
Time: 1821 **Latitude:** 27° 54.59' N **Longitude:** 94° 11.64' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.077	36.014
20	21.079	36.019
30	21.062	36.030
50	20.976	36.055
75	20.454	36.042

Cruise: 203 **Station:** 54806 **Date:** 9-Feb-93
Time: 2221 **Latitude:** 27° 55.50' N **Longitude:** 94° 32.50' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	20.793	35.951
20	20.803	35.964
50	20.802	35.997
75	20.711	36.028
100	20.385	36.029

Cruise: 203 **Station:** 54808 **Date:** 10-Feb-93
Time: 1208 **Latitude:** 27° 42.82' N **Longitude:** 95° 03.48' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	21.542	35.919
20	21.499	35.913
30	21.426	35.899
50	20.907	35.787
75	20.572	35.776
100	20.380	36.181
200	14.245	35.901

Cruise: 203 **Station:** 54810 **Date:** 10-Feb-93
Time: 1733 **Latitude:** 27° 06.15' N **Longitude:** 95° 04.29' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
30	23.219	36.251
50	22.909	36.424
75	22.921	36.432
125	22.915	36.451
200	18.821	36.570
250	16.980	36.321
300	15.189	36.024
400	12.417	35.574
500	10.450	35.280

Cruise: 203 **Station:** 54812 **Date:** 10-Feb-93
Time: 2337 **Latitude:** 27° 30.96' N **Longitude:** 95° 30.54' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.147	35.769
20	23.227	35.912
30	23.427	36.056
50	22.982	36.032
75	22.350	36.042
100	21.311	36.314
125	19.623	36.486
150	18.051	36.399
200	15.897	36.134

Cruise: 203 **Station:** 54814 **Date:** 11-Feb-93
Time: 0425 **Latitude:** 27° 56.82' N **Longitude:** 95° 52.75' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	19.776	35.773
20	19.212	35.831

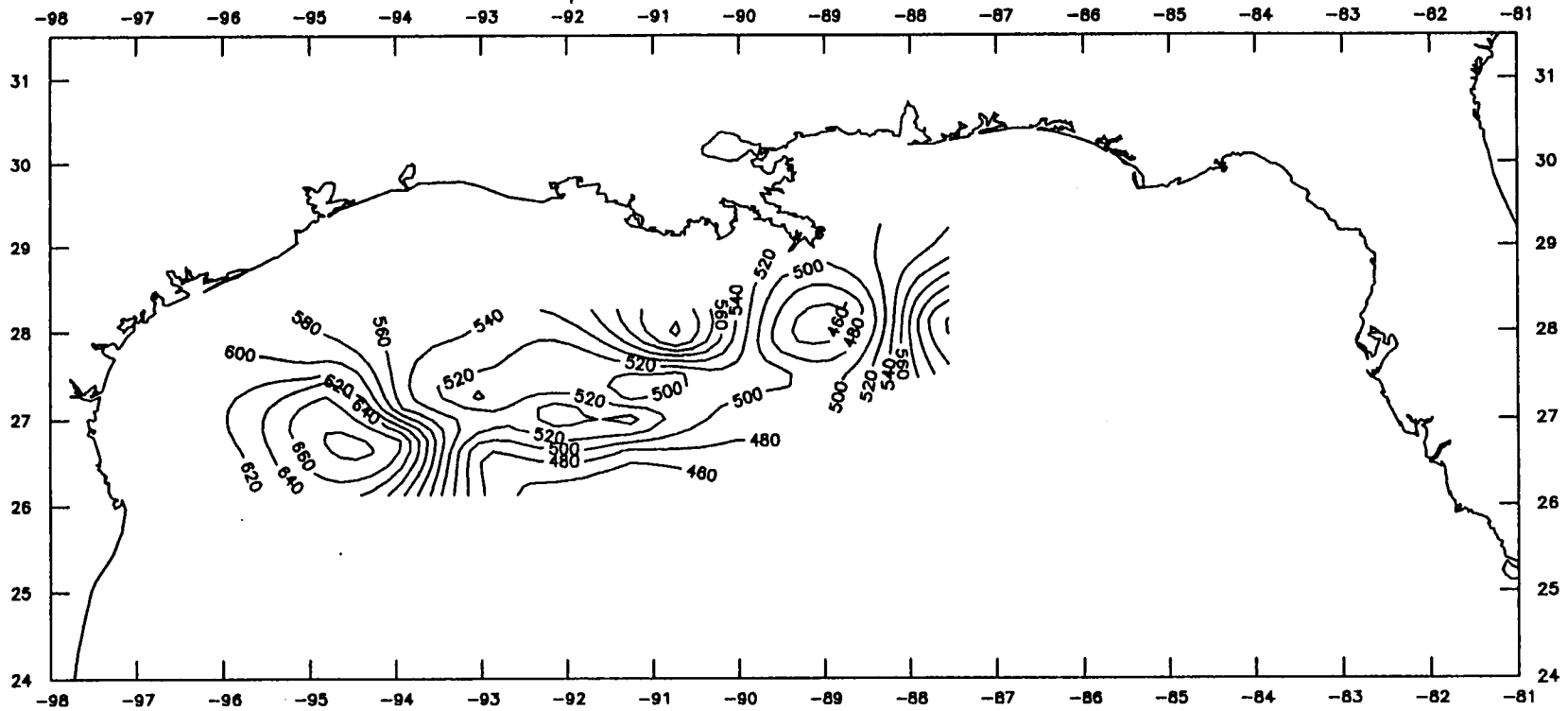
Cruise: 203 **Station:** 54816 **Date:** 11-Feb-93
Time: 1233 **Latitude:** 27° 07.51' N **Longitude:** 95° 57.20' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.811	36.060
20	23.811	36.057
30	23.818	36.063
50	23.887	36.135
75	23.946	36.247
125	20.972	36.680
150	18.962	36.539
200	16.984	36.270
300	13.349	35.761
400	11.105	35.406
500	9.482	35.152

Depth of the 8, 15, and 20 °C Isotherms

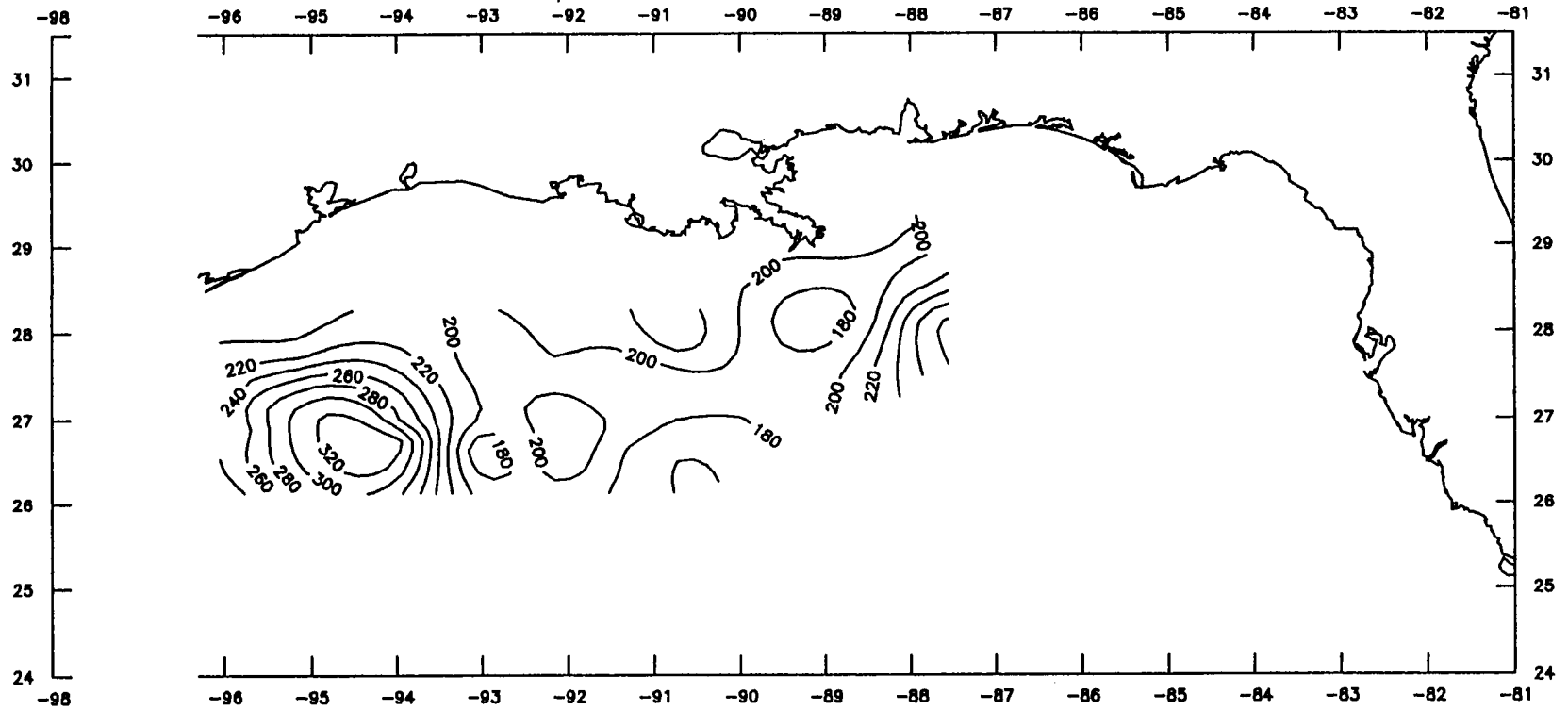
Oregon II Cruise 203a

Depth of 8 °C Isotherm



Oregon II Cruise 203a

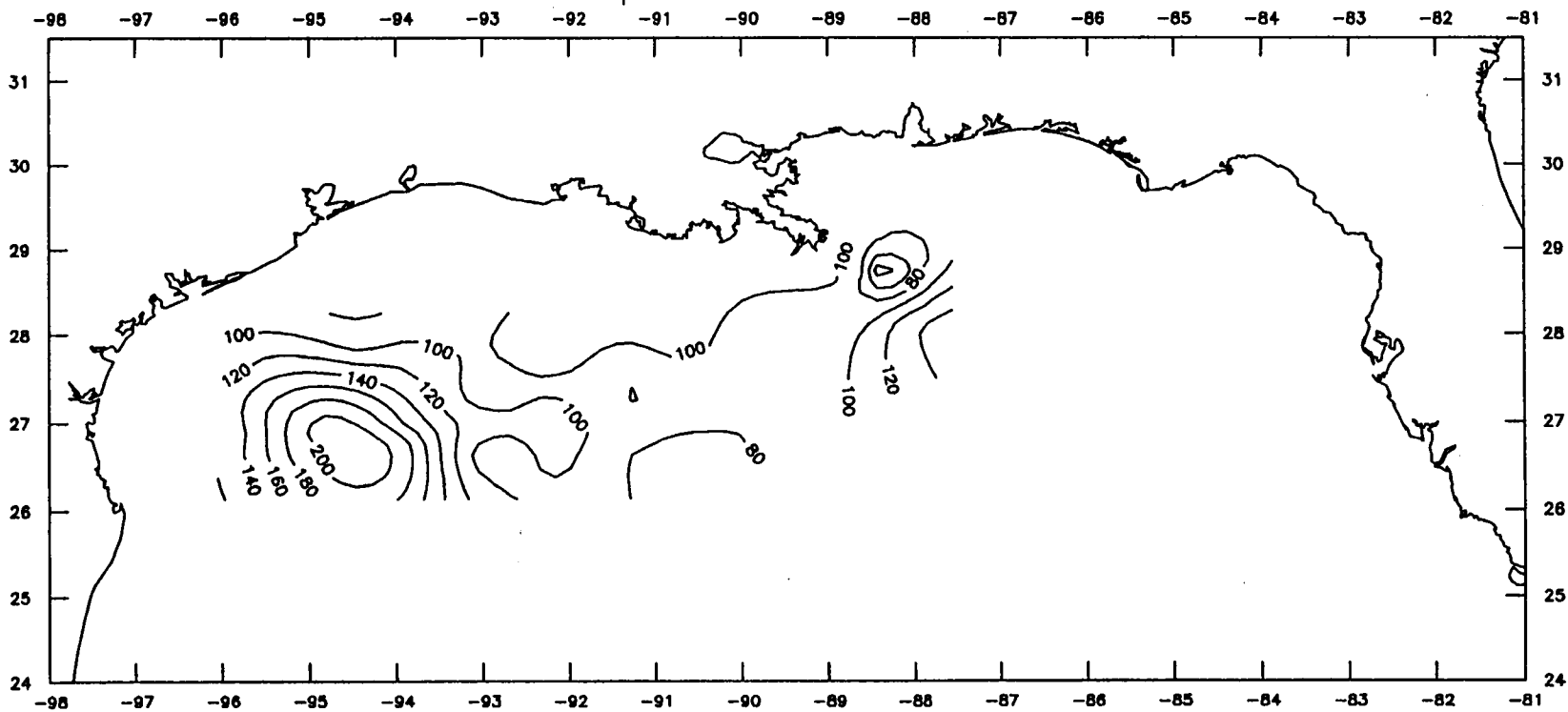
Depth of 15 °C Isotherm



Oregon II Cruise 203a

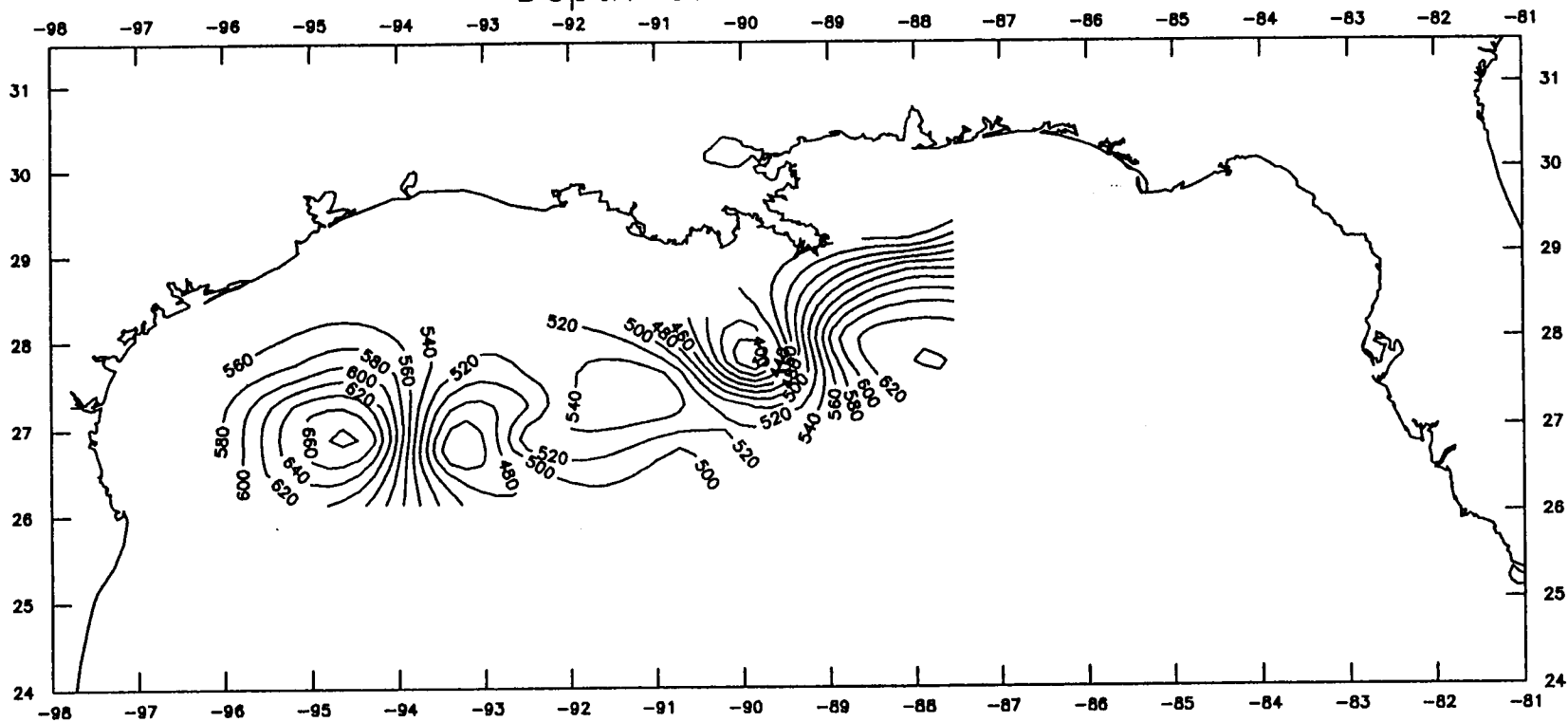
Depth 20° Isotherm

133



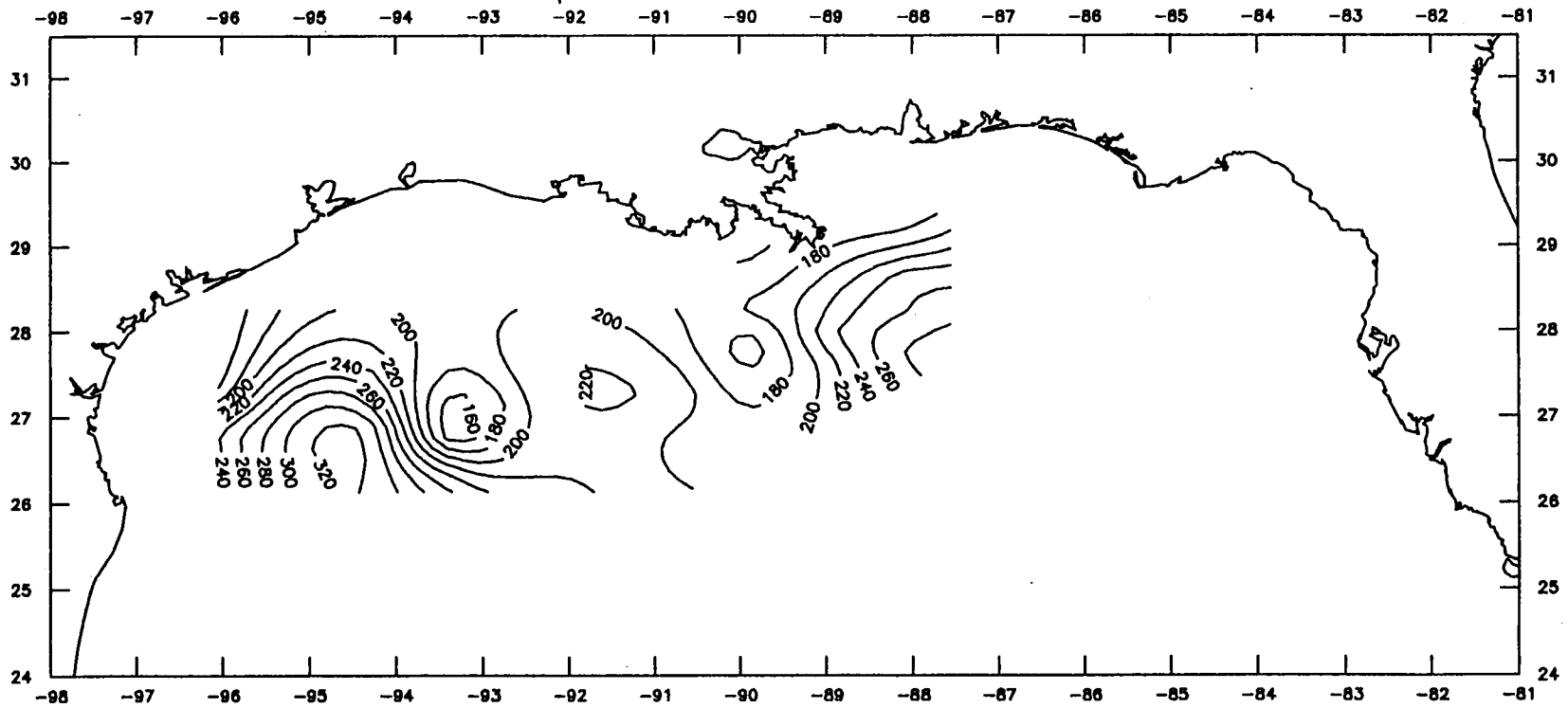
Oregon II Cruise 203b

Depth of 8 °C Isotherm



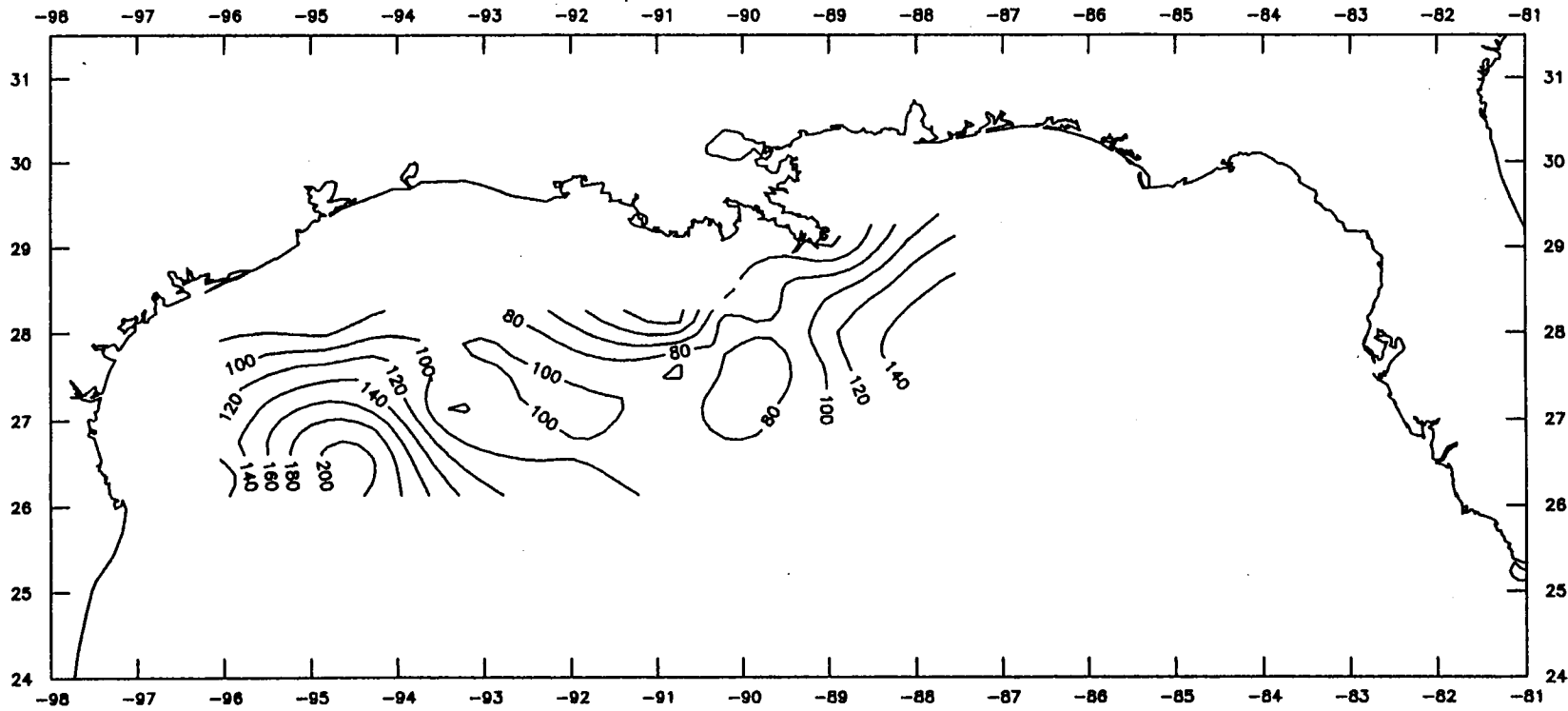
Oregon II Cruise 203b

Depth of 15 °C Isotherm

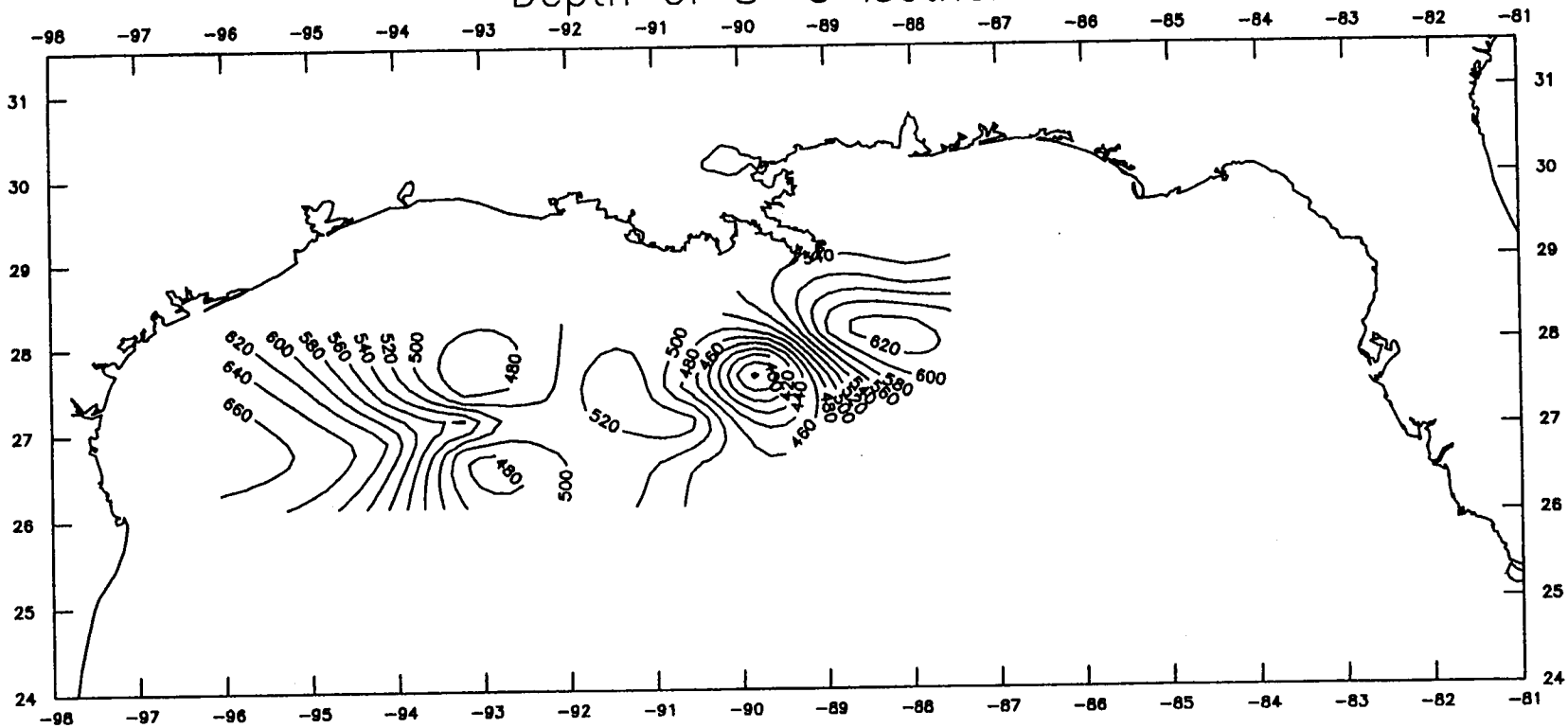


Oregon II Cruise 203b

Depth 20° Isotherm

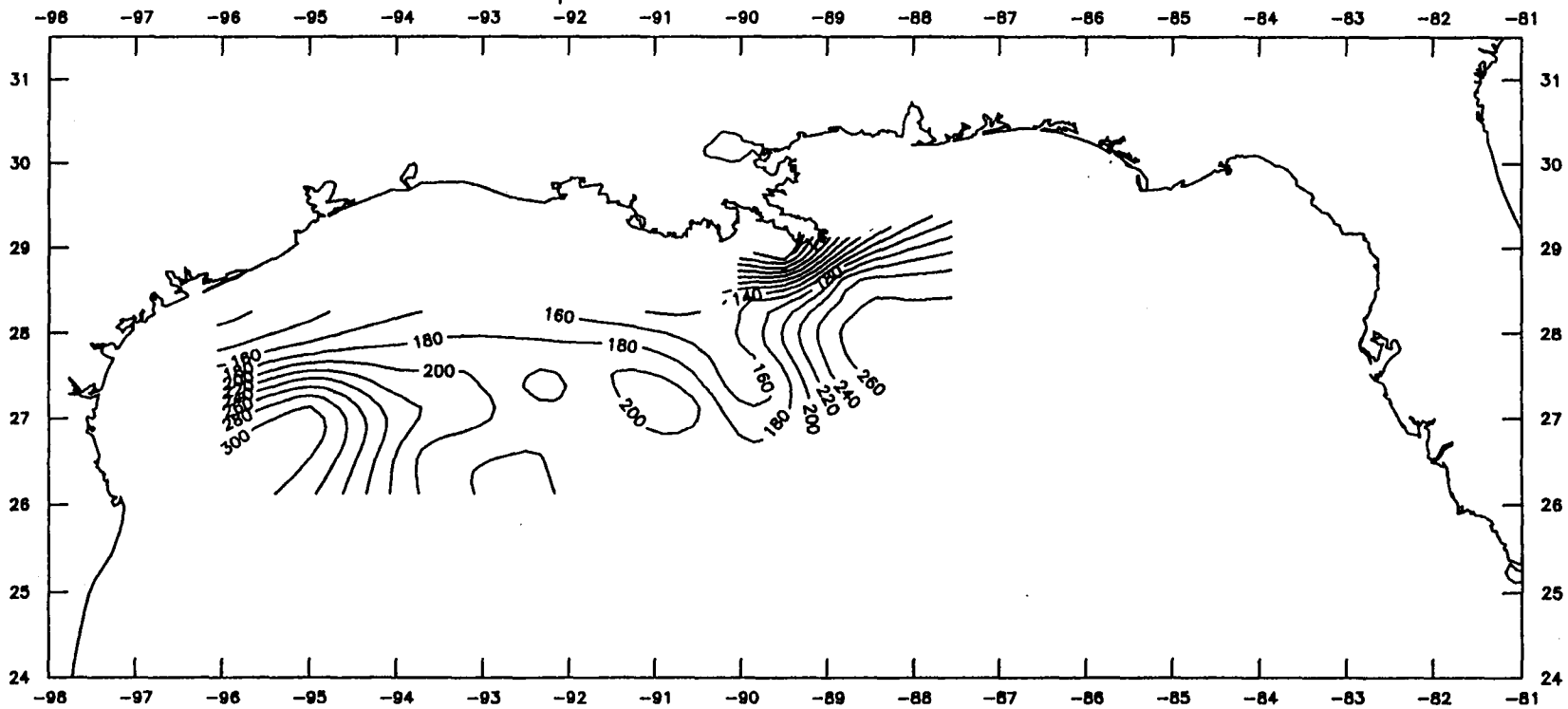


Oregon II Cruise 203c
Depth of 8 °C Isotherm



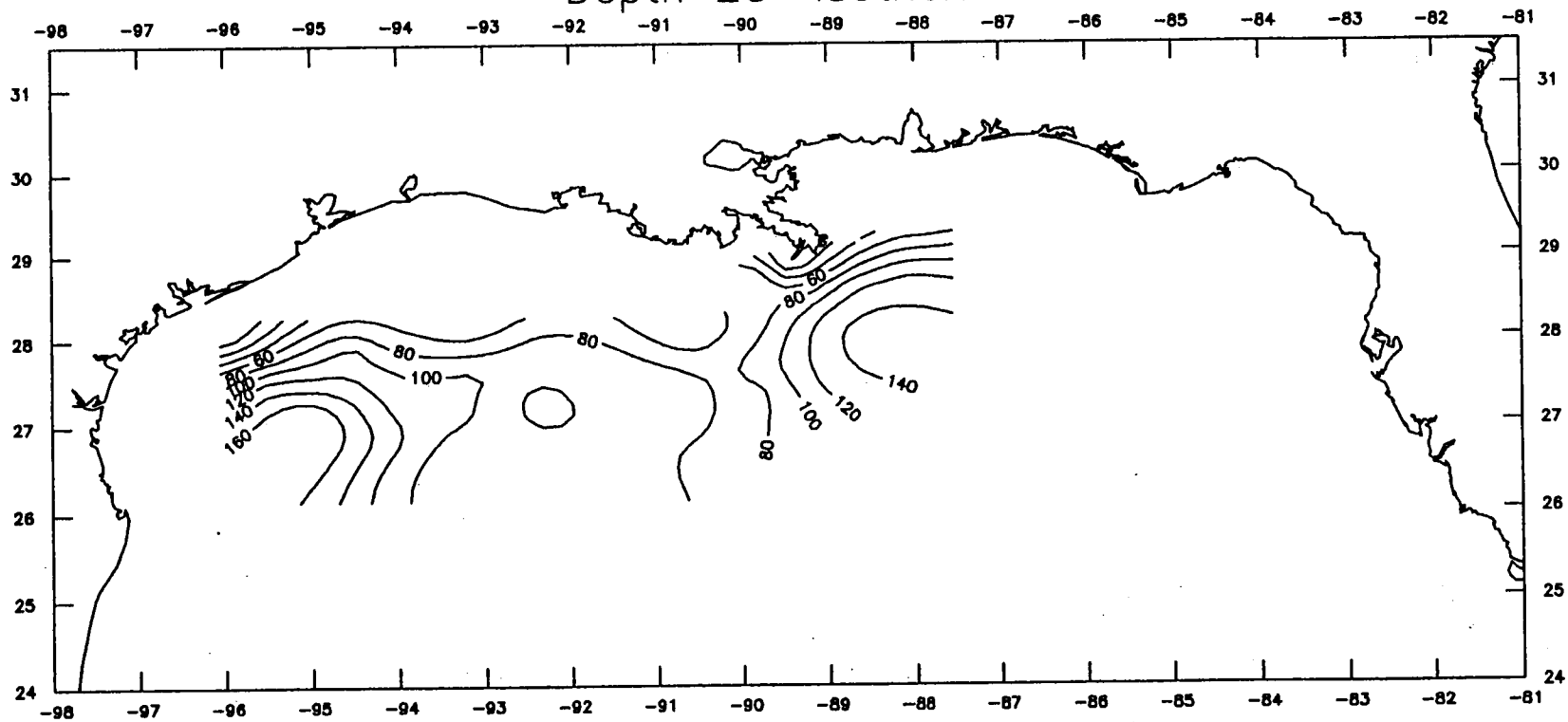
Oregon II Cruise 203c

Depth of 15 °C Isotherm



Oregon II Cruise 203c

Depth 20° Isotherm



2.3 Cruise 204: 5 May -15 June 1993

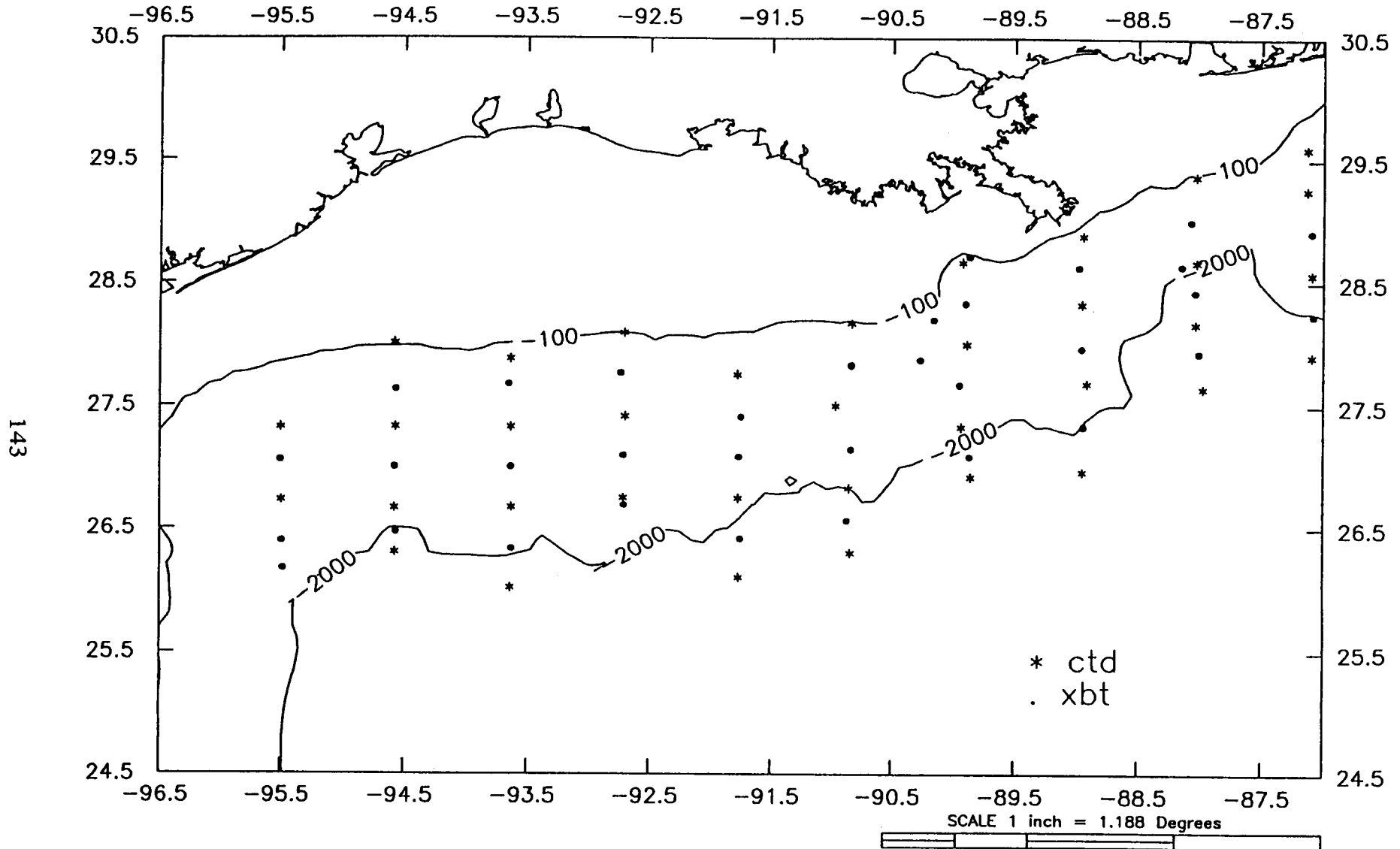
NMFS-SEFSC Hydrographic Cruise Personnel

Cruise 204

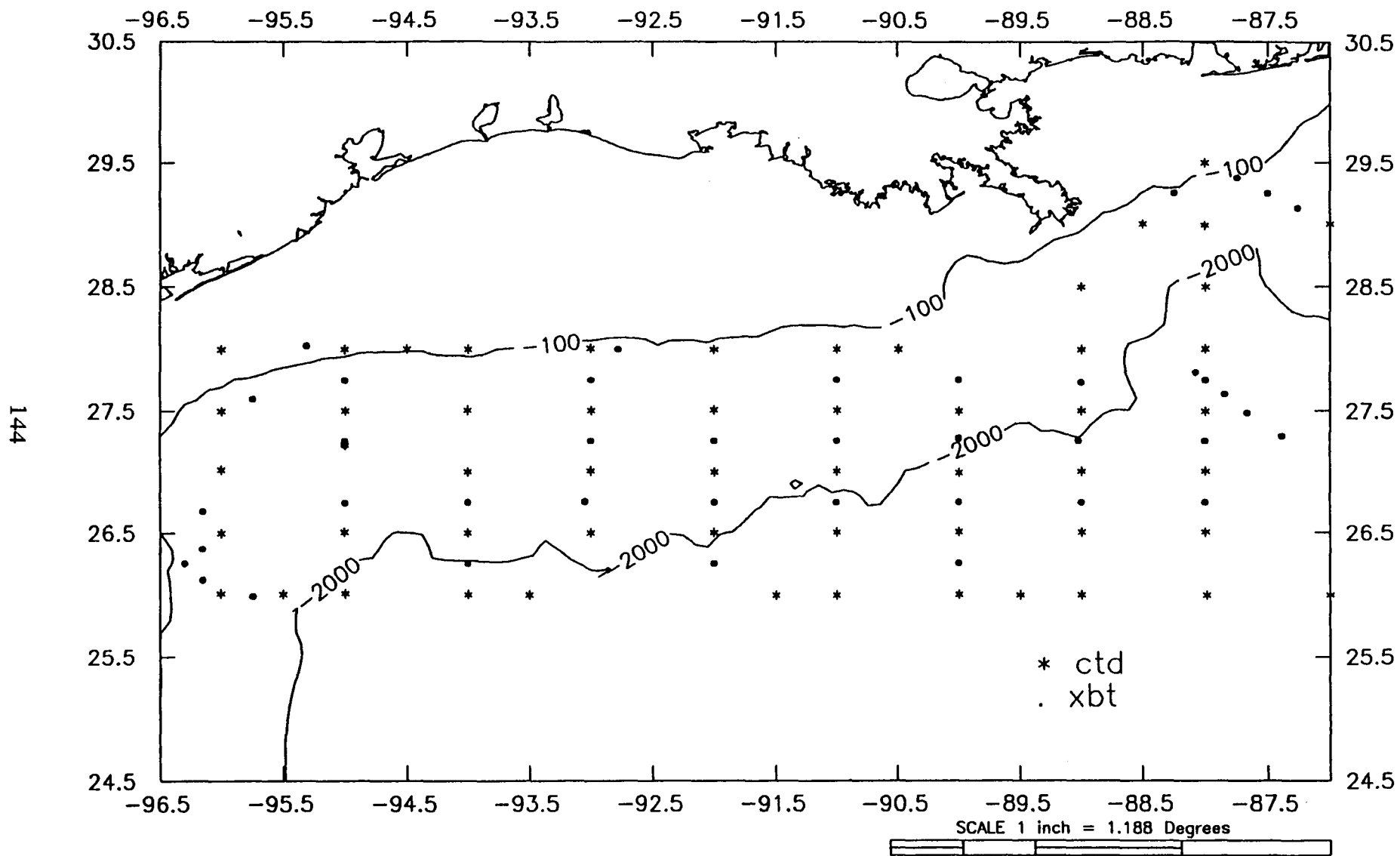
Alonzo Hamilton
Eva Kargard
Kevin Rademacher
Jack Javech

Stations Occupied

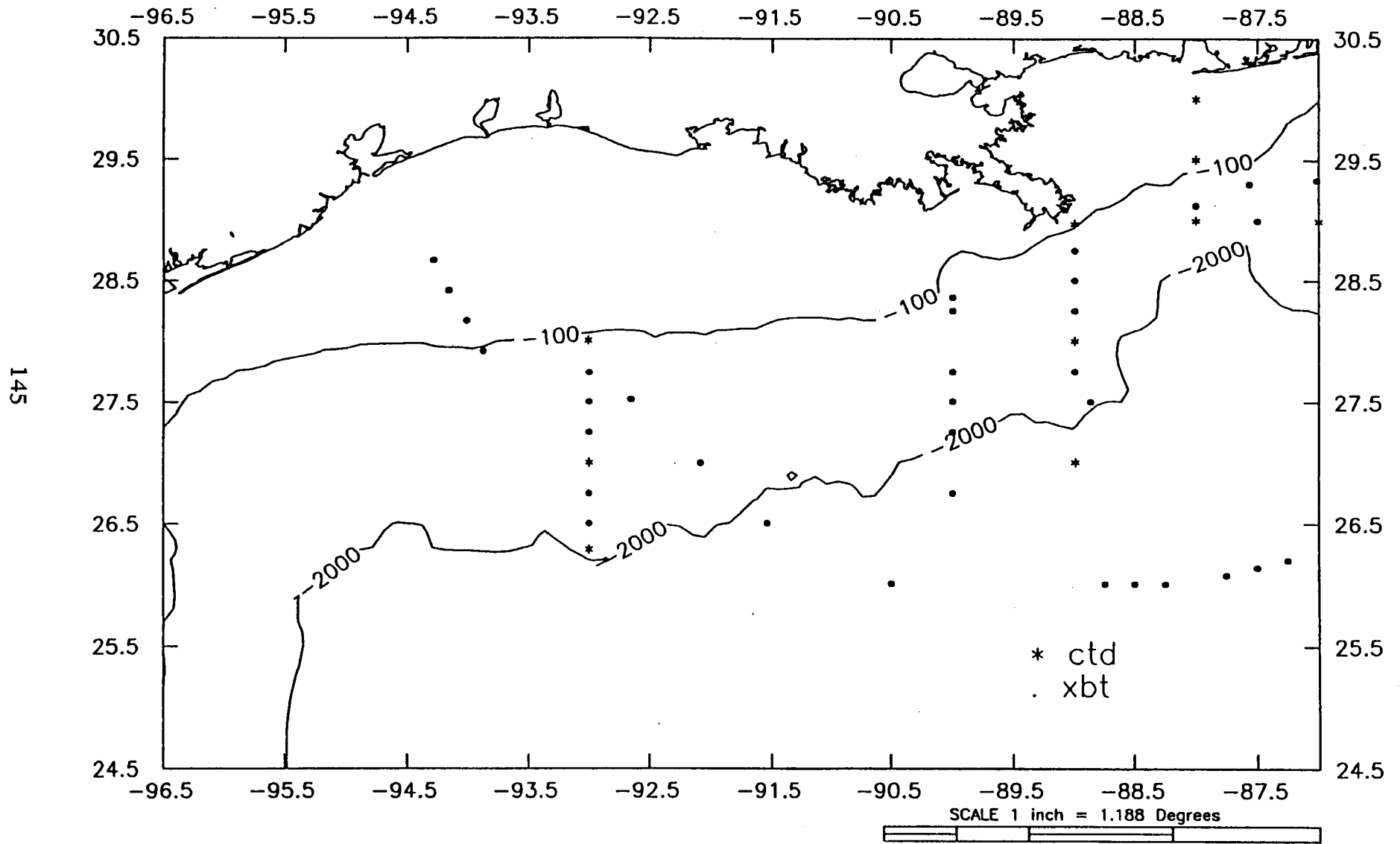
OREGON II Cruise 204 Leg 1



OREGON II Cruise 204 Leg 2



OREGON II Cruise 204 Leg 3



XBT Data

Cruise: 204 **Drop #:** 79 **Probe Type:** T-7
Latitude: 26° 10.00' N **Longitude:** 95° 28.90' W **Date:** 6-May-93 **Time:** 1132

Depth (m) Temp. (°C)

0	24.83
10	24.78
20	24.74
30	24.19
50	23.63
75	22.79
100	21.62
125	19.34
150	17.92
200	14.50
250	13.16
300	11.88
400	9.84
500	8.69
600	7.27
700	6.37

Cruise: 204 **Drop #:** 80 **Probe Type:** T-7
Latitude: 26° 23.80' N **Longitude:** 95° 29.60' W **Date:** 6-May-93 **Time:** 1812

Depth (m) Temp. (°C)

0	24.10
10	23.77
20	23.64
30	23.46
50	23.34
75	21.47
100	17.57
125	15.55
150	14.00
200	12.45
250	11.11
300	10.30
400	8.75
500	7.50
600	6.59
700	5.87

Cruise: 204 Drop #: 81 Probe Type: T-7
Latitude: 27° 03.70' N Longitude: 95° 30.20' W Date: 6-May-93 Time: 2305

Depth (m) Temp. (°C)

0	25.06
10	24.80
20	24.32
30	23.97
50	23.75
75	22.93
100	21.57
125	19.40
150	17.73
200	14.96
250	13.05
300	11.72
400	9.77
500	8.17
600	7.14
700	6.33

Cruise: 204 Drop #: 82 Probe Type: T-7
Latitude: 27° 37.98 N Longitude: 94° 34.02 W Date: 7-May-93 Time: 1414

Depth (m) Temp. (°C)

0	24.38
10	24.52
20	24.62
30	24.54
50	23.75
75	23.54
100	22.55
125	21.49
150	19.70
200	16.49
250	14.49
300	13.16
400	10.72
500	7.96
600	7.02

Cruise: 204 Drop #: 83 Probe Type: T-7
Latitude: 27° 00.40' N Longitude: 94° 34.40' W Date: 7-May-93 Time: 1903

Depth (m) Temp. (°C)

0	24.42
10	24.10
20	23.94
30	23.91
50	23.89
75	22.99
100	22.42
125	22.13
150	21.35
200	18.21
250	15.88
300	14.29
400	11.08
500	9.23
600	8.02
700	6.92

Cruise: 204 Drop #: 84 Probe Type: T-7
Latitude: 26° 28.40' N Longitude: 94° 33.90' W Date: 7-May-93 Time: 2320

Depth (m) Temp. (°C)

0	24.62
10	24.40
20	24.31
30	24.27
50	23.77
75	23.10
100	21.50
125	19.00
150	17.11
200	14.79
250	13.16
300	11.80
400	9.88
500	8.16
600	7.00
700	6.23

Cruise: 204 Drop #: 85 Probe Type: T-7
Latitude: 26° 20.00' N Longitude: 93° 37.50' W Date: 8-May-93 Time: 1331

Depth (m) Temp. (°C)

0	23.95
10	23.68
20	23.61
30	22.99
50	20.96
75	19.84
100	17.53
125	16.07
150	15.07
200	13.41
250	11.41
300	10.48
400	8.76
500	7.27
600	6.37
700	5.75

Cruise: 204 Drop #: 86 Probe Type: T-7
Latitude: 27° 00.20' N Longitude: 93° 37.80' W Date: 8-May-93 Time: 1824

Depth (m) Temp. (°C)

0	23.57
10	23.39
20	23.15
30	22.99
50	22.18
75	20.93
100	19.88
125	19.23
150	17.33
200	14.31
250	12.76
300	11.52
400	9.44
500	7.86
600	6.83
700	6.25

Cruise: 204 Drop #: 87 Probe Type: T-7
Latitude: 27° 40.50' N Longitude: 93° 38.90' W Date: 8-May-93 Time: 2334

Depth (m) Temp. (°C)

0	24.52
10	24.16
20	23.56
30	23.43
50	21.02
75	19.83
100	18.72
125	16.75
150	15.75
200	14.06
250	13.33

Cruise: 204 Drop #: 88 Probe Type: T-7
Latitude: 27° 46.00' N Longitude: 92° 44.00' W Date: 9-May-93 Time: 1403

Depth (m) Temp. (°C)

0	23.11
10	22.76
20	22.62
30	22.52
50	21.56
75	20.28
100	18.88
125	17.41
150	16.72
200	14.80
250	13.08
300	12.26
400	10.36

Cruise: 204 Drop #: 89 Probe Type: T-7
Latitude: 27° 06.00' N Longitude: 92° 42.60' W Date: 9-May-93 Time: 2023

Depth (m) Temp. (°C)

0	24.00
10	24.08
20	23.76
30	23.20
50	21.82
75	20.74
100	19.25
125	17.43
150	16.16
200	14.43
250	12.73
300	11.57
400	9.52
500	8.01
600	6.87
700	6.14

Cruise: 204 Drop #: 90 Probe Type: T-7
Latitude: 26° 41.60' N Longitude: 92° 42.40' W Date: 10-May-93 Time: 0038

Depth (m) Temp. (°C)

0	24.10
10	24.28
20	24.15
30	22.90
50	21.79
75	20.42
100	19.37
125	18.08
150	16.74
200	14.46
250	12.78
300	11.10
400	9.75
500	8.20
600	7.03
700	6.28

Cruise: 204 Drop #: 91 Probe Type: T-7
Latitude: 26° 25.00' N Longitude: 91° 45.00' W Date: 10-May-93 Time: 1344

Depth (m) Temp. (°C)

0	24.19
10	23.94
20	23.18
30	22.95
50	21.52
75	20.04
100	18.47
125	16.44
150	15.38
200	13.51
250	11.92
300	10.72
400	8.79
500	7.34
600	6.46
700	5.78

Cruise: 204 Drop #: 92 Probe Type: T-7
Latitude: 27° 05.30' N Longitude: 91° 45.90' W Date: 10-May-93 Time: 1855

Depth (m) Temp. (°C)

0	24.75
10	24.21
20	23.31
30	23.19
50	21.96
75	20.16
100	17.97
125	16.64
150	15.29
200	13.33
250	12.10
300	10.79
400	9.06
500	7.71
600	6.77
700	6.11

Cruise: 204 Drop #: 93 Probe Type: T-7
Latitude: 27° 24.70' N Longitude: 91° 44.80' W Date: 10-May-93 Time: 2232

Depth (m) Temp. (°C)

0	25.03
10	24.42
20	23.77
30	23.40
50	22.68
75	20.58
100	18.88
125	17.09
150	15.94
200	13.94
250	12.50
300	11.26
400	9.20
500	7.40
600	6.58
700	5.93

Cruise: 204 Drop #: 94 Probe Type: T-7
Latitude: 27° 50.00' N Longitude: 90° 50.00' W Date: 11-May-93 Time: 1332

Depth (m) Temp. (°C)

0	24.39
10	23.22
20	23.06
30	22.85
50	22.30
75	20.95
100	19.06
125	17.85
150	16.33

Cruise: 204 Drop #: 95 Probe Type: T-7
Latitude: 27° 49.40' N Longitude: 90° 50.00' W Date: 11-May-93 Time: 1335

Depth (m) Temp. (°C)

0	24.58
10	23.98
20	23.09
30	22.83
50	22.37
75	21.02
100	19.34
125	16.68
150	16.28
200	14.33
250	12.76
300	11.77
400	8.45

Cruise: 204 Drop #: 96 Probe Type: T-7
Latitude: 27° 09.00' N Longitude: 90° 50.20' W Date: 11-May-93 Time: 1809

Depth (m) Temp. (°C)

0	25.29
10	24.49
20	23.21
30	23.00
50	22.27
75	20.71
100	18.65
125	17.39
150	16.52
200	14.61
250	12.84
300	11.67
400	9.77
500	8.13
600	6.97
700	6.12

Cruise: 204 Drop #: 97 Probe Type: T-7
Latitude: 26° 34.00' N Longitude: 90° 52.10' W Date: 11-May-93 Time: 2245

Depth (m) Temp. (°C)

0	25.49
10	24.40
20	23.53
30	22.87
50	21.93
75	20.60
100	19.23
125	16.59
150	14.74
200	13.08
250	11.55
300	10.38
400	8.35
500	7.08
600	6.28
700	5.70

Cruise: 204 Drop #: 98 Probe Type: T-7
Latitude: 27° 52.50' N Longitude: 90° 16.10' W Date: 12-May-93 Time: 1134

Depth (m) Temp. (°C)

0	24.75
10	25.12
20	23.85
30	22.52
50	21.37
75	19.99
100	18.23
125	16.58
150	15.47
200	13.66
250	12.24
300	11.19
400	9.29
500	7.60
600	7.01

Cruise: 204 Drop #: 99 Probe Type: T-10
Latitude: 28° 12.00' N Longitude: 90° 09.60' W Date: 12-May-93 Time: 1323

Depth (m) Temp. (°C)

0	24.63
10	24.45
20	23.97
30	23.40
50	21.36
75	19.60
100	17.99
125	17.19

Cruise: 204 Drop #: 100 Probe Type: T-7
Latitude: 28° 42.80' N Longitude: 89° 52.10' W Date: 12-May-93 Time: 2156

Depth (m) Temp. (°C)

0	26.09
10	21.78
20	22.57
30	22.55
50	20.64
75	19.68

Cruise: 204 Drop #: 101 Probe Type: T-10
Latitude: 28° 20.00' N Longitude: 89° 54.00' W Date: 13-May-93 Time: 1330

Depth (m) Temp. (°C)

0	24.53
10	24.32
20	23.22
30	22.84
50	21.94
75	20.74
100	18.66
125	17.72
150	16.54

Cruise: 204 Drop #: 102 Probe Type: T-7
Latitude: 27° 40.40' N Longitude: 89° 56.90' W Date: 13-May-93 Time: 1838

Depth (m) Temp. (°C)

0	25.20
10	25.32
20	25.30
30	24.01
50	21.46
75	19.66
100	17.65
125	16.35
150	15.32
200	13.78
250	11.99
300	10.80
400	8.92
500	7.69
600	6.62
700	6.00

Cruise: 204 Drop #: 103 Probe Type: T-7
Latitude: 27° 05.40' N Longitude: 89° 52.00' W Date: 13-May-93 Time: 2326

Depth (m) Temp. (°C)

0	24.80
10	24.95
20	23.52
30	22.70
50	21.09
75	19.41
100	17.39
125	16.22
150	15.43
200	13.99
250	12.42
300	10.99
400	9.02
500	7.67
600	6.67
700	6.02

Cruise: 204 Drop #: 104 Probe Type: T-7
Latitude: 27° 20.00' N Longitude: 88° 56.60' W Date: 14-May-93 Time: 1315

Depth (m) Temp. (°C)

0	26.19
10	26.84
20	26.82
30	26.81
50	25.27
75	23.20
100	21.83
125	19.89
150	18.41
200	16.19

Cruise: 204 Drop #: 105 Probe Type: T-7
Latitude: 27° 20.40' N Longitude: 88° 56.60' W Date: 14-May-93 Time: 1319

Depth (m) Temp. (°C)

0	26.14
10	26.81
20	26.81
30	26.79
50	25.18
75	23.10
100	21.58
125	19.85
150	18.21
200	16.11

Cruise: 204 Drop #: 106 Probe Type: T-7
Latitude: 27° 58.00' N Longitude: 88° 57.40' W Date: 14-May-93 Time: 1801

Depth (m) Temp. (°C)

0	25.49
10	25.12
20	25.07
30	24.33
50	22.28
75	20.11
100	18.66
125	17.36
150	16.03
200	14.52
250	12.89
300	12.01
400	10.39
500	8.69
600	7.45
700	6.64

Cruise: 204 Drop #: 107 Probe Type: T-7
Latitude: 28° 37.50' N Longitude: 88° 58.70' W Date: 14-May-93 Time: 2303

Depth (m) Temp. (°C)

0	25.72
10	24.79
20	23.34
30	22.73
50	22.00
75	20.60
100	19.20
125	17.86
150	16.23
200	14.58
250	13.40
300	11.83

Cruise: 204 Drop #: 108 Probe Type: T-7
Latitude: 28° 38.10' N Longitude: 88° 09.10' W Date: 14-May-93 Time: 2307

Depth (m) Temp. (°C)

0	25.34
10	24.71
20	24.37
30	22.96
50	22.03
75	20.75
100	19.58
125	18.24
150	16.63
200	14.89
250	13.10
300	11.96
400	9.73
500	8.61
600	7.73

Cruise: 204 Drop #: 109 Probe Type: T-7
Latitude: 29° 00.00' N Longitude: 88° 04.70' W Date: 15-May-93 Time: 1408

Depth (m) Temp. (°C)

0	23.37
10	22.63
20	23.19
30	20.35
50	19.67
75	20.11
100	18.60
125	17.35
150	16.44
200	14.92
250	13.26
300	11.98
400	9.97
500	8.48
600	7.18
700	6.26

Cruise: 204 Drop #: 110 Probe Type: T-7
Latitude: 28° 25.50' N Longitude: 88° 02.60' W Date: 15-May-93 Time: 1852

Depth (m) Temp. (°C)

0	26.69
10	25.93
20	25.89
30	25.89
50	23.41
75 0	20.87
100	19.81
125	18.33
150	17.22
200	15.45
250	13.80
300	12.45
400	10.44
500	8.70
600	7.36
700	6.50

Cruise: 204 Drop #: 111 Probe Type: T-7
Latitude: 27° 55.70' N Longitude: 88° 00.80' W Date: 15-May-93 Time: 2248

Depth (m) Temp. (°C)

0	27.01
10	26.30
20	25.82
30	25.70
50	24.02
75	23.46
100	21.54
125	19.73
150	18.61
200	15.97
250	13.60
300	12.48
400	10.76
500	8.90
600	7.41
700	6.61

Cruise: 204 Drop #: 112 Probe Type: T-7
Latitude: 28° 14.00' N Longitude: 87° 05.00' W Date: 16-May-93 Time: 1254

Depth (m) Temp. (°C)

0	25.70
10	25.14
20	25.13
30	24.59
50	22.41
75	20.45
100	18.57
125	16.99
150	16.30
200	14.67
250	13.15
300	11.97
400	9.89
500	8.44
600	7.08
700	6.16

Cruise: 204 Drop #: 114 Probe Type: T-7
Latitude: 28° 54.70' N Longitude: 87° 05.80' W Date: 16-May-93 Time: 1818

Depth (m) Temp. (°C)

0	24.20
10	23.24
20	22.37
30	20.90
50	20.36
75	19.09
100	18.08
125	16.69
150	15.41
200	13.47
250	11.84
300	10.40
400	8.40
500	7.61
600	7.09
700	6.16

Cruise: 204 Drop #: 115 Probe Type: T-7
Latitude: 29° 00.00' N Longitude: 86° 15.00' W Date: 19-May-93 Time: 1550

Depth (m) Temp. (°C)

0	24.47
10	24.43
20	24.08
30	23.13
50	21.01
75	19.13
100	18.23
125	17.40
150	16.55
200	14.93
250	13.62
300	11.88

Cruise: 204 Drop #: 116 Probe Type: T-7
Latitude: 28° 45.00' N Longitude: 85° 45.50' W Date: 19-May-93 Time: 2028

Depth (m) Temp. (°C)

0	24.74
10	25.13
20	25.00
30	23.56
50	22.86
75	21.09
100	20.21
125	18.18
150	16.89

Cruise: 204 Drop #: 117 Probe Type: T-7
Latitude: 27° 15.00' N Longitude: 86° 00.00' W Date: 20-May-93 Time: 1236

Depth (m) Temp. (°C)

0	25.73
10	26.23
20	26.16
30	25.31
50	22.48
75	21.59
100	19.87
125	18.35
150	17.00
200	15.38
250	13.98
300	12.47
400	10.47
500	8.82
600	7.29
700	6.36

Cruise: 204 Drop #: 118 Probe Type: T-7
Latitude: 26° 45.10' N Longitude: 85° 57.90' W Date: 20-May-93 Time: 1656

Depth (m) Temp. (°C)

0	27.82
10	27.34
20	27.15
30	26.56
50	24.71
75	23.82
100	21.77
125	20.23
150	19.30
200	17.99
250	16.32
300	15.01
400	11.92
500	9.72
600	8.04
700	6.61

Cruise: 204 Drop #: 119 Probe Type: T-7
Latitude: 26° 15.00' N Longitude: 86° 01.50' W Date: 20-May-93 Time: 2137

Depth (m) Temp. (°C)

0	27.97
10	27.27
20	27.20
30	26.85
50	25.99
75	24.46
100	21.47
125	20.88
150	19.32
200	16.90
250	15.04
300	13.18
400	10.48
500	8.62
600	7.28
700	6.35

Cruise: 204 Drop #: 120 Probe Type: T-7
Latitude: 26° 01.30' N Longitude: 86° 35.00' W Date: 21-May-93 Time: 1816

Depth (m) Temp. (°C)

0	26.96
10	27.23
20	27.20
30	27.21
50	27.18
75	27.09
100	26.26
125	25.90
150	24.57
200	21.68
250	19.49
300	17.98
400	14.00
500	10.69
600	8.74
700	7.46

Cruise: 204 Drop #: 121 Probe Type: T-7
Latitude: 26° 45.00' N Longitude: 88° 00.00' W Date: 22-May-93 Time: 1415

Depth (m) Temp. (°C)

0	26.66
10	26.92
20	26.90
30	26.89
50	26.13
75	25.63
100	25.27
125	25.21
150	25.14
200	24.09
250	21.08
300	19.10
400	16.22
500	13.60
600	10.68
700	8.87

Cruise: 204 Drop #: 122 Probe Type: T-7
Latitude: 27° 15.10' N Longitude: 88° 00.00' W Date: 22-May-93 Time: 1834

Depth (m) Temp. (°C)

0	26.61
10	26.84
20	26.80
30	26.73
50	26.09
75	25.40
100	25.18
125	24.99
150	24.75
200	22.52
250	19.90
300	18.27
400	15.52
500	12.90
600	10.44
700	8.53

Cruise: 204 Drop #: 123 Probe Type: T-7
Latitude: 27° 45.00' N Longitude: 87° 59.80' W Date: 22-May-93 Time: 2206

Depth (m) Temp. (°C)

0	26.70
10	27.07
20	27.06
30	27.02
50	26.87
75	26.07
100	25.21
125	24.82
150	23.14
200	20.37
250	18.74
300	17.33
400	14.18
500	11.53
600	9.79
700	8.06

Cruise: 204 Drop #: 124 Probe Type: T-10
Latitude: 29° 15.00' N Longitude: 88° 15.00' W Date: 23-May-93 Time: 1307

Depth (m) Temp. (°C)

0	23.14
10	23.26
20	23.07
30	21.12
50	20.49
75	20.20

Cruise: 204 Drop #: 125 Probe Type: T-10
Latitude: 29° 22.50' N Longitude: 87° 44.70' W Date: 23-May-93 Time: 1731

Depth (m) Temp. (°C)

0	22.97
10	22.76
20	21.75
30	20.94
50	20.11
75	19.42
100	18.08

Cruise: 204 Drop #: 126 Probe Type: T-7
Latitude: 29° 15.10' N Longitude: 87° 30.10' W Date: 23-May-93 Time: 1919

Depth (m) Temp. (°C)

0	23.74
10	23.73
20	23.63
30	23.75
50	21.40
75	20.29
100	19.01
125	17.57
150	16.08
200	14.31
250	12.98
300	11.54
400	9.97
500	8.35
600	6.60
700	5.99

Cruise: 204 Drop #: 127 Probe Type: T-7
Latitude: 29° 07.80' N Longitude: 87° 15.60' W Date: 23-May-93 Time: 2101

Depth (m) Temp. (°C)

0	24.03
10	23.97
20	23.89
30	23.79
50	21.11
75	20.11
100	18.94
125	17.33
150	15.74
200	11.79
250	9.92
300	8.98
400	7.67
500	6.78
600	6.25
700	5.87

Cruise: 204 Drop #: 128 Probe Type: T-7
Latitude: 27° 17.50' N Longitude: 87° 23.30' W Date: 24-May-93 Time: 1937

Depth (m) Temp. (°C)

0	26.21
10	26.20
20	26.11
30	26.04
50	25.48
75	25.26
100	25.12
125	25.09
150	24.71
200	22.25
250	20.15
300	18.42
400	15.57
500	12.51
600	10.32
700	8.61

Cruise: 204 Drop #: 129 Probe Type: T-7
Latitude: 27° 28.80' N Longitude: 87° 40.00' W Date: 24-May-93 Time: 2131

Depth (m) Temp. (°C)

0	26.91
10	27.03
20	26.99
30	26.95
50	26.56
75	26.03
100	25.32
125	25.00
150	24.77
200	21.69
250	19.41
300	17.99
400	15.04
500	11.82
600	9.84
700	8.20

Cruise: 204 Drop #: 130 Probe Type: T-7
Latitude: 27° 38.10' N Longitude: 87° 50.70' W Date: 24-May-93 Time: 2246

Depth (m) Temp. (°C)

0	27.36
10	27.43
20	27.35
30	27.33
50	27.32
75	26.94
100	26.25
125	25.28
150	23.76
200	20.82
250	18.86
300	17.21
400	14.12
500	11.53
600	9.45
700	7.73

Cruise: 204 Drop #: 131 Probe Type: T-7
Latitude: 27° 48.70' N Longitude: 88° 04.70' W Date: 25-May-93 Time: 0016

Depth (m) Temp. (°C)

0	27.44
10	27.44
20	27.31
30	27.29
50	27.26
75	26.20
100	24.29
125	22.05
150	20.94
200	18.32
250	16.31
300	13.62
400	11.34
500	9.61
600	8.01
700	7.15

Cruise: 204 Drop #: 132 Probe Type: T-7
Latitude: 27° 43.90' N Longitude: 89° 00.00' W Date: 25-May-93 Time: 1211

Depth (m) Temp. (°C)

0	24.94
10	25.49
20	25.49
30	24.44
50	22.06
75	20.68
100	19.52
125	17.14
150	15.80
200	13.58
250	11.87
300	10.70
400	9.04
500	8.00
600	6.81
700	6.16

Cruise: 204 Drop #: 133 Probe Type: T-7
Latitude: 27° 15.00' N Longitude: 89° 01.40' W Date: 25-May-93 Time: 1532

Depth (m) Temp. (°C)

0	25.29
10	25.60
20	25.58
30	25.55
50	23.21
75	19.75
100	17.87
125	16.74
150	15.69
200	13.23
250	11.76
300	10.79
400	9.20
500	7.82
600	6.68
700	5.95

Cruise: 204 Drop #: 134 Probe Type: T-7
Latitude: 26° 45.00' N Longitude: 89° 00.00' W Date: 25-May-93 Time: 2050

Depth (m) Temp. (°C)

0	25.90
10	27.24
20	27.15
30	27.09
50	26.67
75	25.78
100	22.68
125	21.46
150	19.94
200	16.59
250	14.68
300	13.36
400	11.11
500	9.38
600	7.69
700	6.79

Cruise: 204 Drop #: 135 Probe Type: T-7
Latitude: 26° 15.00' N Longitude: 90° 00.00' W Date: 26-May-93 Time: 1259

Depth (m) Temp. (°C)

0	26.70
10	27.18
20	27.14
30	26.44
50	25.36
75	22.92
100	21.70
125	19.40
150	17.73
200	15.53
250	13.88
300	12.50
400	10.11
500	8.27
600	6.91
700	6.15

Cruise: 204 Drop #: 136 Probe Type: T-7
Latitude: 26° 45.00' N Longitude: 90° 00.00' W Date: 26-May-93 Time: 1639

Depth (m) Temp. (°C)

0	25.32
10	25.00
20	24.99
30	24.52
50	22.81
75	21.11
100	19.57
125	17.50
150	16.16
200	14.28
250	13.56
300	12.00
400	9.74
500	8.14
600	7.01
700	6.20

Cruise: 204 Drop #: 137 Probe Type: T-10
Latitude: 27° 16.00' N Longitude: 90° 00.00' W Date: 26-May-93 Time: 2115

Depth (m) Temp. (°C)

0	24.66
10	24.99
20	24.85
30	24.62
50	21.75
75	20.22
100	18.20
125	16.62
150	15.55
200	13.79

Cruise: 204 Drop #: 138 Probe Type: T-7
Latitude: 27° 16.50' N Longitude: 90° 00.00' W Date: 26-May-93 Time: 2118

Depth (m) Temp. (°C)

0	24.81
10	25.06
20	24.87
30	24.77
50	21.77
75	20.28
100	18.51
125	16.75
150	15.45
200	14.02
250	12.31
300	11.21
400	9.23
500	7.66
600	6.74
700	6.04

Cruise: 204 Drop #: 139 Probe Type: T-7
Latitude: 27° 45.00' N Longitude: 90° 00.00' W Date: 26-May-93 Time: 0039

Depth (m) Temp. (°C)

0	24.52
10	24.81
20	24.05
30	22.84
50	21.61
75	20.46
100	18.43
125	17.30
150	16.22
200	13.85
250	12.59
300	11.55
400	9.27
500	8.02
600	6.83
700	6.07

Cruise: 204 Drop #: 140 Probe Type: T-7
Latitude: 27° 45.00' N Longitude: 91° 00.00' W Date: 27-May-93 Time: 1218

Depth (m) Temp. (°C)

0	24.56
10	24.96
20	24.93
30	23.73
50	21.58
75	20.71
100	19.26
125	17.49
150	16.11
200	14.13
250	12.65
300	11.48
400	9.28
500	8.08
600	6.91

Cruise: 204 Drop #: 141 Probe Type: T-7
Latitude: 27° 15.00' N Longitude: 91° 00.00' W Date: 27-May-93 Time: 1605

Depth (m) Temp. (°C)

0	24.88
10	24.92
20	24.92
30	24.80
50	23.14
75	21.59
100	20.06
125	17.52
150	14.57
200	11.62
250	10.15
300	8.67
400	7.78
500	6.94
600	6.14
700	5.73

Cruise: 204 Drop #: 142 Probe Type: T-7
Latitude: 26° 44.90' N Longitude: 91° 00.30' W Date: 27-May-93 Time: 2121

Depth (m) Temp. (°C)

0	25.02
10	24.87
20	24.79
30	23.06
50	21.54
75	20.17
100	18.22
125	16.81
150	15.59
200	13.91
250	12.56
300	11.18
400	9.01
500	7.57
600	6.48
700	5.81

Cruise: 204 Drop #: 143 Probe Type: T-7
Latitude: 26° 15.00' N Longitude: 92° 00.00' W Date: 28-May-93 Time: 1410

Depth (m) Temp. (°C)

0	24.89
10	25.05
20	25.05
30	24.38
50	22.34
75	21.12
100	19.75
125	17.89
150	16.40
200	14.27
250	12.83
300	11.35
400	9.37
500	7.83
600	6.75
700	5.97

Cruise: 204 Drop #: 144 Probe Type: T-7
Latitude: 26° 45.00' N Longitude: 91° 59.90' W Date: 28-May-93 Time: 1800

Depth (m) Temp. (°C)

0	25.13
10	25.06
20	24.69
30	23.60
50	22.35
75	19.93
100	19.16
125	17.69
150	16.81
200	15.10
250	13.58
300	12.07
400	9.68
500	8.08
600	6.74
700	6.06

Cruise: 204 Drop #: 145 Probe Type: T-7
Latitude: 27° 15.00' N Longitude: 92° 00.00' W Date: 28-May-93 Time: 2317

Depth (m) Temp. (°C)

0	25.25
10	24.53
20	23.59
30	22.86
50	22.22
75	20.46
100	19.32
125	18.22
150	17.41
200	15.92
250	14.10
300	12.14
400	9.92
500	8.25
600	7.01
700	6.13

Cruise: 204 Drop #: 146 Probe Type: T-10
Latitude: 28° 00.00' N Longitude: 92° 46.90' W Date: 29-May-93 Time: 1136

Depth (m) Temp. (°C)

0	24.82
10	24.90
20	24.88
30	23.80
50	21.88
75	19.94
100	18.66

Cruise: 204 Drop #: 147 Probe Type: T-10
Latitude: 27° 45.00' N Longitude: 93° 00.00' W Date: 29-May-93 Time: 1604

Depth (m) Temp. (°C)

0	24.90
10	24.49
20	24.13
30	22.78
50	21.74
75	20.37
100	18.80
125	17.59
150	16.45

Cruise: 204 Drop #: 148 Probe Type: T-7
Latitude: 27° 15.00' N Longitude: 93° 00.10' W Date: 29-May-93 Time: 1938

Depth (m) Temp. (°C)

0	25.59
10	24.93
20	24.70
30	24.43
50	22.58
75	20.68
100	18.48
125	16.90
150	15.77
200	13.86
250	12.52
300	11.21
400	8.92
500	7.25
600	6.62
700	5.93

Cruise: 204 Drop #: 149 Probe Type: T-7
Latitude: Longitude: Date: 29-May-93 Time: 0023

Depth (m) Temp. (°C)

0	25.65
10	25.26
20	25.05
30	23.74
50	21.47
75	19.88
100	17.77

Cruise: 204 Drop #: 151 Probe Type: T-7
Latitude: 26° 15.00' N Longitude: 94° 00.00' W Date: 30-May-93 Time: 1551

Depth (m) Temp. (°C)

0	25.26
10	24.98
20	24.77
30	22.61
50	21.29
75	19.95
100	17.91
125	16.18
150	14.83
200	12.39
250	10.90
300	9.75
400	8.51
500	7.26
600	6.36
700	5.58

Cruise: 204 Drop #: 152 Probe Type: T-7
Latitude: 26° 45.00' N Longitude: 94° 00.00' W Date: 30-May-93 Time: 1954

Depth (m) Temp. (°C)

0	26.02
10	25.33
20	24.72
30	24.18
50	22.13
75	20.18
100	18.45
125	16.76
150	15.63
200	13.54
250	12.33
300	11.19
400	9.02
500	7.75
600	6.63
700	5.93

Cruise: 204 Drop #: 153 Probe Type: T-7
Latitude: 27° 45.00' N Longitude: 95° 00.00' W Date: 31-May-93 Time: 1536

Depth (m) Temp. (°C)

0	25.79
10	25.09
20	24.92
30	24.76
50	22.70
75	20.65
100	19.02
125	17.92
150	16.16
200	14.44
250	13.01
300	12.47

Cruise: 204 Drop #: 155 Probe Type: T-7
Latitude: 27° 13.00' N Longitude: 95° 00.00' W Date: 31-May-93 Time: 1920

Depth (m) Temp. (°C)

0	25.48
10	25.31
20	25.29
30	25.20
50	23.96
75	22.78
100	21.15
125	19.54
150	17.67
200	15.50
250	13.61
300	12.27
400	10.36
500	8.74
600	7.49
700	6.61

Cruise: 204 Drop #: 156 Probe Type: T-7
Latitude: 26° 44.80' N Longitude: 95° 00.00' W Date: 31-May-93 Time: 0022

Depth (m) Temp. (°C)

0	25.87
10	25.74
20	25.47
30	25.12
50	24.27
75	23.19
100	22.51
125	21.44
150	20.34
200	17.59
250	15.64
300	13.72
400	11.31
500	9.37
600	7.86
700	6.89

Cruise: 204 Drop #: 157 Probe Type: T-7
Latitude: 25° 59.70' N Longitude: 95° 44.80' W Date: 1-Jun-93 Time: 1210

Depth (m) Temp. (°C)

0	25.15
10	25.44
20	25.09
30	23.50
50	22.58
75	20.72
100	19.68
125	17.68
150	16.06
200	13.89
250	12.55
300	11.19
400	9.29
500	7.66
600	6.64
700	5.95

Cruise: 204 Drop #: 158 Probe Type: T-7
Latitude: 26° 07.50' N Longitude: 96° 09.00' W Date: 1-Jun-93 Time: 1636

Depth (m) Temp. (°C)

0	25.51
10	25.27
20	25.28
30	24.89
50	23.00
75	22.20
100	20.09
125	18.02
150	16.99
200	14.90
250	13.23
300	11.89
400	9.87
500	8.48
600	7.38
700	6.37

Cruise: 204 Drop #: 159 Probe Type: T-7
Latitude: 26° 15.30' N Longitude: 96° 17.90' W Date: 1-Jun-93 Time: 1756

Depth (m) Temp. (°C)

0	25.78
10	25.52
20	25.22
30	25.08
50	23.68
75	22.11
100	19.91
125	18.85
150	16.86
200	14.48

Cruise: 204 Drop #: 160 Probe Type: T-7
Latitude: 26° 22.30' N Longitude: 96° 09.30' W Date: 1-Jun-93 Time: 1906

Depth (m) Temp. (°C)

0	25.71
10	25.50
20	25.06
30	24.68
50	23.71
75	22.84
100	21.29
125	19.79
150	18.11
200	15.12
250	13.58
300	12.25
400	10.31
500	8.67
600	7.42
700	6.23

Cruise: 204 Drop #: 161 Probe Type: T-7
Latitude: 26° 40.60' N Longitude: 96° 09.00' W Date: 1-Jun-93 Time: 2246

Depth (m) Temp. (°C)

0	25.96
10	25.80
20	25.04
30	24.57
50	23.81
75	23.51
100	22.51
125	21.57
150	19.83
200	16.07
250	13.85
300	12.54
400	10.45
500	8.88
600	7.81

Cruise: 204 Drop #: 162 Probe Type: T-7
Latitude: 27° 35.70' N Longitude: 95° 45.00' W Date: 2-Jun-93 Time: 1426

Depth (m) Temp. (°C)

0	25.75
10	25.67
20	25.53
30	25.11
50	23.80
75	22.53
100	20.15
125	18.14
150	16.47
200	14.75
250	13.06
300	11.79

Cruise: 204 Drop #: 163 Probe Type: T-10
Latitude: 28° 01.80' N Longitude: 95° 18.80' W Date: 2-Jun-93 Time: 1801

Depth (m) Temp. (°C)

0	25.56
10	25.52
20	25.45
30	24.83
50	22.13

Cruise: 204 Drop #: 164 Probe Type: T-10
Latitude: 27° 44.50' N Longitude: 93° 00.00' W Date: 5-Jun-93 Time: 1355

Depth (m) Temp. (°C)

0	25.61
10	26.00
20	25.68
30	24.51
50	22.73
75	20.76
100	19.39
125	17.81
150	16.56
200	15.30

Cruise: 204 Drop #: 165 Probe Type: T-7
Latitude: 27° 30.00' N Longitude: 93° 00.00' W Date: 5-Jun-93 Time: 1516

Depth (m) Temp. (°C)

0	26.20
10	25.87
20	25.06
30	24.77
50	22.89
75	20.79
100	18.70
125	17.17
150	15.98
200	13.95
250	12.46
300	11.21
400	9.12
500	7.41
600	6.49
700	5.94

Cruise: 204 Drop #: 166 Probe Type: T-7
Latitude: 27° 15.00' N Longitude: 93° 00.00' W Date: 5-Jun-93 Time: 1632

Depth (m) Temp. (°C)

0	26.48
10	26.26
20	25.39
30	23.94
50	22.05
75	20.86
100	18.86
125	17.43
150	15.93
200	14.07
250	12.70
300	11.47
400	9.16
500	7.15
600	6.28
700	5.96

Cruise: 204 Drop #: 167 Probe Type: T-7
Latitude: 26° 45.00' N Longitude: 93° 00.10' W Date: 5-Jun-93 Time: 2115

Depth (m) Temp. (°C)

0	26.96
10	26.27
20	25.75
30	25.42
50	22.83
75	19.86
100	17.80
125	16.29
150	14.99
200	13.65
250	12.10
300	10.99
400	9.20
500	7.66
600	6.62
700	5.95

Cruise: 204 Drop #: 168 Probe Type: T-7
Latitude: 26° 30.00' N Longitude: 93° 00.00' W Date: 5-Jun-93 Time: 2303

Depth (m) Temp. (°C)

0	26.91
10	26.13
20	25.22
30	23.35
50	21.29
75	19.71
100	17.48
125	16.23
150	15.59
200	13.30
250	11.67
300	10.38
400	8.47
500	7.39
600	6.56
700	5.85

Cruise: 204 Drop #: 169 Probe Type: T-10
Latitude: 27° 55.10' N Longitude: 93° 52.70' W Date: 6-Jun-93 Time: 1121

Depth (m) Temp. (°C)

0	25.59
10	26.03
20	25.45
30	23.56
50	21.87
75	19.78
100	18.93

Cruise: 204 Drop #: 170 Probe Type: T-10
Latitude: 28° 10.10' N Longitude: 94° 00.80' W Date: 6-Jun-93 Time: 1238

Depth (m) Temp. (°C)

0	25.54
10	25.32
20	25.08
30	25.40
50	23.46

Cruise: 204 Drop #: 171 Probe Type: T-10
Latitude: 28° 25.10' N Longitude: 94° 09.70' W Date: 6-Jun-93 Time: 1410

Depth (m) Temp. (°C)

0	25.79
10	25.75
20	25.43
30	24.24

Cruise: 204 Drop #: 172 Probe Type: T-10
Latitude: 28° 40.10' N Longitude: 94° 17.20' W Date: 6-Jun-93 Time: 1537

Depth (m) Temp. (°C)

0	26.22
10	26.29
20	25.23
30	22.74

Cruise: 204 Drop #: 173 Probe Type: T-7
Latitude: 27° 31.20' N Longitude: 92° 39.30' W Date: 7-Jun-93 Time: 1116

Depth (m) Temp. (°C)

0	26.71
10	26.42
20	25.57
30	24.26
50	22.40
75	20.85
100	18.65
125	17.29
150	15.87
200	14.23
250	12.65
300	10.95
400	9.13
500	7.53
600	6.75
700	6.16

Cruise: 204 Drop #: 174 Probe Type: T-7
Latitude: 27° 00.00' N Longitude: 92° 05.20' W Date: 7-Jun-93 Time: 1538

Depth (m) Temp. (°C)

0	27.27
10	26.96
20	26.03
30	25.19
50	23.28
75	22.22
100	21.41
125	20.62
150	19.66
200	18.02
250	16.12
300	14.86
400	12.82

Cruise: 204 Drop #: 175 Probe Type: T-7
Latitude: 26° 30.20' N Longitude: 91° 32.50' W Date: 7-Jun-93 Time: 1924

Depth (m) Temp. (°C)

0	27.19
10	26.92
20	26.15
30	25.20
50	22.28
75	19.96
100	18.05
125	16.15
150	14.95
200	13.35
250	12.00
300	10.68
400	8.68
500	7.39
600	6.49
700	5.88

Cruise: 204 Drop #: 176 Probe Type: T-7
Latitude: 26° 00.00' N Longitude: 90° 30.00' W Date: 8-Jun-93 Time: 0352

Depth (m) Temp. (°C)

0	26.85
10	27.46
20	25.32
30	24.83
50	22.45
75	21.64
100	20.60
125	19.61
150	17.21
200	12.81
250	10.44
300	9.06
400	7.70
500	6.81
600	6.15
700	5.63

Cruise: 204 Drop #: 178 Probe Type: T-7
Latitude: 27° 15.00' N Longitude: 90° 00.00' W Date: 8-Jun-93 Time: 1646

Depth (m) Temp. (°C)

0	27.07
10	27.11
20	25.08
30	24.51

Cruise: 204 Drop #: 179 Probe Type: T-7
Latitude: 27° 15.10' N Longitude: 90° 00.00' W Date: 8-Jun-93 Time: 1647

Depth (m) Temp. (°C)

0	26.77
10	27.05
20	24.89
30	24.18
50	22.53
75	20.66
100	19.72
125	17.69
150	16.21
200	14.20
250	12.63
300	10.89
400	8.56
500	7.46
600	6.54
700	6.04

Cruise: 204 Drop #: 180 Probe Type: T-7
Latitude: 27° 30.00' N Longitude: 90° 00.00' W Date: 8-Jun-93 Time: 1812

Depth (m) Temp. (°C)

0	26.90
10	27.47
20	25.63
30	24.83
50	22.85
75	21.11
100	19.73
125	17.99
150	16.51
200	15.11
250	13.35
300	12.18
400	9.97
500	8.46
600	7.03
700	6.20

Cruise: 204 Drop #: 181 Probe Type: T-7
Latitude: 27° 44.80' N Longitude: 90° 00.00' W Date: 8-Jun-93 Time: 1933

Depth (m) Temp. (°C)

0	27.60
10	27.56
20	27.54
30	26.81
50	24.83
75	22.52
100	20.82
125	19.32
150	17.67
200	15.78
250	14.16
300	12.87
400	10.42
500	8.65
600	7.48
700	6.55

Cruise: 204 Drop #: 182 Probe Type: T-10
Latitude: 28° 15.00' N Longitude: 90° 00.00' W Date: 9-Jun-93 Time: 0033

Depth (m) Temp. (°C)

0	27.10
10	26.98
20	26.51
30	24.78
50	22.38
75	20.61
100	19.85
125	18.16
150	16.72

Cruise: 204 Drop #: 183 Probe Type: T-10
Latitude: 28° 21.60' N Longitude: 90° 00.00' W Date: 9-Jun-93 Time: 0117

Depth (m) Temp. (°C)

0	27.50
10	27.62
20	26.62
30	24.17
50	22.26
75	20.87
100	18.40

Cruise: 204 Drop #: 184 Probe Type: T-7
Latitude: 28° 45.00' N Longitude: 89° 00.00' W Date: 9-Jun-93 Time: 1234

Depth (m) Temp. (°C)

0	26.88
10	25.88
20	25.72
30	24.49
50	22.73
75	20.44
100	18.82
125	17.68
150	16.43
200	14.57
250	12.72
300	11.44
400	9.72

Cruise: 204 Drop #: 185 Probe Type: T-7
Latitude: 28° 30.00' N Longitude: 89° 00.00' W Date: 9-Jun-93 Time: 1423

Depth (m) Temp. (°C)

0	27.74
10	26.91
20	26.00
30	23.39
50	22.25
75	20.82
100	19.77
125	17.57
150	17.41
200	15.85
250	16.49
300	13.95
400	10.72
500	8.43
600	7.06
700	6.28

Cruise: 204 Drop #: 186 Probe Type: T-7
Latitude: 28° 15.00' N Longitude: 89° 00.00' W Date: 9-Jun-93 Time: 1642

Depth (m) Temp. (°C)

0	27.38
10	26.97
20	26.13
30	25.50
50	23.22
75	20.74
100	19.26
125	17.49
150	16.52
200	14.70
250	12.85
300	11.60
400	9.68
500	8.10
600	7.14
700	6.27

Cruise: 204 Drop #: 187 Probe Type: T-7
Latitude: 27° 45.00' N Longitude: 89° 00.00' W Date: 9-Jun-93 Time: 2224

Depth (m) Temp. (°C)

0	27.58
10	27.45
20	27.15
30	26.20
50	25.09
75	22.70
100	21.40
125	19.77
150	18.71
200	16.69
250	14.97
300	13.40
400	10.70
500	8.90
600	7.71
700	6.64

Cruise: 204 Drop #: 188 Probe Type: T-7
Latitude: 27° 30.00' N Longitude: 88° 52.20' W Date: 10-Jun-93 Time: 0026

Depth (m) Temp. (°C)

0	27.76
10	28.06
20	27.74
30	27.42
50	26.10
75	24.58
100	22.86
125	21.55
150	19.92
200	17.55
250	15.62
300	14.04
400	11.27
500	9.34
600	8.07
700	6.83

Cruise: 204 Drop #: 189 Probe Type: T-7
Latitude: 26° 00.00' N Longitude: 88° 45.00' W Date: 10-Jun-93 Time: 1434

Depth (m) Temp. (°C)

0	27.70
10	28.12
20	28.08
30	27.34
50	26.84
75	26.01
100	25.49
125	25.26
150	25.16
200	24.50
250	21.79
300	19.88
400	17.17
500	15.07
600	12.12
700	9.81

Cruise: 204 Drop #: 190 Probe Type: T-7
Latitude: 26° 00.00' N Longitude: 88° 30.00' W Date: 10-Jun-93 Time: 1553

Depth (m) Temp. (°C)

0	27.82
10	27.89
20	27.83
30	26.95
50	26.52
75	25.88
100	25.36
125	25.19
150	25.06
200	24.63
250	22.51
300	20.36
400	17.68
500	15.60
600	12.59
700	9.98

Cruise: 204 Drop #: 191 Probe Type: T-7
Latitude: 26° 00.00' N Longitude: 88° 14.90' W Date: 10-Jun-93 Time: 1708

Depth (m) Temp. (°C)

0	27.69
10	27.85
20	27.80
30	27.25
50	26.75
75	26.14
100	25.48
125	25.19
150	25.08
200	23.99
250	21.56
300	19.56
400	16.85
500	13.28
600	10.66
700	8.71

Cruise: 204 Drop #: 192 Probe Type: T-7
Latitude: 26° 04.20' N Longitude: 87° 45.00' W Date: 10-Jun-93 Time: 2113

Depth (m) Temp. (°C)

0	28.08
10	28.22
20	27.93
30	27.53
50	27.33
75	26.65
100	25.95
125	25.47
150	25.14
200	23.27
250	20.82
300	19.75
400	15.70
500	12.48
600	9.88
700	7.83

Cruise: 204 Drop #: 193 Probe Type: T-7
Latitude: 26° 08.10' N Longitude: 87° 30.00' W Date: 10-Jun-93 Time: 2231

Depth (m) Temp. (°C)

0	28.02
10	28.12
20	28.03
30	27.97
50	27.42
75	27.14
100	26.78
125	25.98
150	25.77
200	23.52
250	20.86
300	19.11
400	16.32
500	12.50
600	10.10
700	8.19

Cruise: 204 Drop #: 194 Probe Type: T-7
Latitude: 26° 11.90' N Longitude: 87° 15.00' W Date: 10-Jun-93 Time: 2349

Depth (m) Temp. (°C)

0	27.74
10	28.33
20	28.26
30	28.17
50	27.44
75	27.16
100	26.78
125	26.16
150	25.49
200	23.46
250	20.72
300	18.80
400	16.26
500	12.56
600	10.29
700	8.28

Cruise: 204 Drop #: 195 Probe Type: T-7
Latitude: 26° 59.70' N Longitude: 86° 59.20' W Date: 11-Jun-93 Time: 0807

Depth (m) Temp. (°C)

0	27.51
10	28.00
20	27.91
30	27.89
50	27.12
75	26.84
100	26.13
125	24.92
150	22.72
200	20.81
250	18.71
300	17.27
400	13.95
500	11.19
600	9.36
700	7.85

Cruise: 204 Drop #: 196 Probe Type: T-7
Latitude: 27° 00.00' N Longitude: 86° 21.00' W Date: 11-Jun-93 Time: 1111

Depth (m) Temp. (°C)

0	27.45
10	28.03
20	28.01
30	27.06
50	26.29
75	24.49
100	22.03
125	19.68
150	18.05
200	16.53
250	15.10
300	13.35
400	11.03
500	9.33
600	7.67
700	6.73

Cruise: 204 Drop #: 197 Probe Type: T-7
Latitude: 26° 29.20' N Longitude: 85° 59.90' W Date: 11-Jun-93 Time: 1659

Depth (m) Temp. (°C)

0	27.90
10	28.23
20	28.19
30	28.19
50	27.28
75	26.03
100	24.35
125	23.03
150	20.34
200	17.39
250	15.65
300	13.93
400	11.65
500	9.64
600	8.17
700	6.93

Cruise: 204 Drop #: 198 Probe Type: T-7
Latitude: 26° 00.50' N Longitude: 86° 00.00' W Date: 11-Jun-93 Time: 2314

Depth (m) Temp. (°C)

0	27.81
10	28.47
20	28.25
30	27.32
50	26.84
75	25.67
100	22.16
125	21.51
150	20.36
200	17.49
250	15.13
300	13.57
400	11.10
500	9.05
600	7.88
700	6.93

Cruise: 204 Drop #: 199 Probe Type: T-7
Latitude: 25° 16.10' N Longitude: 86° 00.00' W Date: 12-Jun-93 Time: 0032

Depth (m) Temp. (°C)

0	27.60
10	28.11
20	27.85
30	26.34
50	25.18
75	22.71
100	21.57
125	20.71
150	19.09
200	16.58
250	14.57
300	12.92
400	10.49
500	8.69
600	7.35
700	6.50

Cruise: 204 Drop #: 200 Probe Type: T-7
Latitude: 25° 00.00' N Longitude: 85° 29.60' W Date: 12-Jun-93 Time: 0511

Depth (m) Temp. (°C)

0	27.56
10	28.29
20	28.29
30	27.57
50	26.45
75	22.94
100	20.96
125	19.88
150	18.21
200	16.47
250	14.53
300	13.07
400	11.20
500	9.44
600	7.85
700	6.77

Cruise: 204 Drop #: 201 Probe Type: T-7
Latitude: 24° 30.20' N Longitude: 85° 00.00' W Date: 12-Jun-93 Time: 1105

Depth (m) Temp. (°C)

0	27.73
10	28.36
20	28.36
30	28.28
50	27.29
75	26.19
100	25.47
125	23.78
150	21.77
200	19.64
250	17.58
300	15.58
400	11.93
500	9.70
600	7.94
700	6.61

Cruise: 204 Drop #: 202 Probe Type: T-7
Latitude: 24° 29.90' N Longitude: 84° 00.00' W Date: 12-Jun-93 Time: 1728

Depth (m) Temp. (°C)

0	27.45
10	27.63
20	26.27
30	25.47
50	23.13
75	21.79
100	20.11
125	18.03
150	15.53
200	12.67
250	10.90
300	9.69
400	8.11
500	7.01
600	6.28
700	5.69

Cruise: 204 Drop #: 203 Probe Type: T-10
Latitude: 25° 29.80' N Longitude: 84° 00.00' W Date: 12-Jun-93 Time: 0020

Depth (m) Temp. (°C)

0	27.87
10	27.73
20	26.71
30	25.48
50	23.36
75	20.80
100	19.30
125	18.01

Cruise: 204 Drop #: 204 Probe Type: T-10
Latitude: 26° 00.00' N Longitude: 84° 29.60' W Date: 13-Jun-93 Time: 0601

Depth (m) Temp. (°C)

0	27.42
10	27.80
20	25.17
30	24.54
50	21.77
75	20.38
100	19.68
125	18.57
150	16.38
200	14.57

Cruise: 204 Drop #: 205 Probe Type: T-7
Latitude: 26° 13.00' N Longitude: 84° 59.90' W Date: 13-Jun-93 Time: 1046

Depth (m) Temp. (°C)

0	27.67
10	28.28
20	26.77
30	25.47
50	23.58
75	21.06
100	18.96
125	18.00
150	16.92
200	15.34
250	13.54
300	11.92
400	9.97
500	8.38
600	7.29
700	6.45

Cruise: 204 Drop #: 206 Probe Type: T-7
Latitude: 26° 29.80' N Longitude: 85° 00.00' W Date: 13-Jun-93 Time: 1238

Depth (m) Temp. (°C)

0	27.06
10	28.25
20	26.34
30	25.50
50	23.32
75	21.28
100	19.23
125	17.74
150	16.70
200	14.87
250	13.15
300	11.82
400	9.66
500	8.35
600	7.20
700	6.34

Cruise: 204 Drop #: 208 Probe Type: T-7
Latitude: 27° 29.90' N Longitude: 85° 00.00' W Date: 13-Jun-93 Time: 2311

Depth (m) Temp. (°C)

0	28.89
10	28.02
20	26.11
30	24.65
50	21.25
75	20.28
100	18.72
125	16.85
150	15.82
200	14.45
250	13.25
300	11.79

Cruise: 204 Drop #: 209 Probe Type: T-7
Latitude: 27° 49.20' N Longitude: 85° 03.30' W Date: 14-Jun-93 Time: 0052

Depth (m) Temp. (°C)

0	28.19
10	26.14
20	25.39
30	24.86
50	22.25
75	20.44
100	19.13
125	18.59
150	16.61
200	14.09
250	12.70
300	11.19

Cruise: 204 Drop #: 210 Probe Type: T-7
Latitude: 28° 45.00' N Longitude: 86° 15.00' W Date: 14-Jun-93 Time: 1347

Depth (m) Temp. (°C)

0	27.22
10	27.91
20	27.37
30	24.81
50	21.63
75	20.31
100	18.57
125	16.73
150	15.39
200	13.74
250	12.09
300	10.68

Cruise: 204 Drop #: 211 Probe Type: T-7
Latitude: 29° 20.00' N Longitude: 87° 01.00' W Date: 15-Jun-93 Time: 0040

Depth (m) Temp. (°C)

0	28.52
10	28.02
20	26.14
30	25.60
50	21.76
75	20.54
100	19.31
125	17.49
150	16.38
200	13.81
250	12.42
300	11.36
400	9.87
500	8.30
600	6.56
700	5.84

Cruise: 204 Drop #: 212 Probe Type: T-7
Latitude: 29° 00.00' N Longitude: 87° 30.00' W Date: 15-Jun-93 Time: 0456

Depth (m) Temp. (°C)

0	27.89
10	28.25
20	27.65
30	25.91
50	22.77
75	20.73
100	19.32
125	17.90
150	16.54
200	14.20
250	12.51
300	11.16
400	9.59
500	8.08
600	6.97
700	6.19

Cruise: 204 Drop #: 213 Probe Type: T-7
Latitude: 29° 07.30' N Longitude: 88° 00.00' W Date: 15-Jun-93 Time: 1059

Depth (m) Temp. (°C)

0	27.04
10	26.27
20	24.97
30	23.20
50	21.91
75	20.48
100	19.17
125	17.47
150	16.33
200	14.32
250	12.35
300	10.83
400	9.14
500	7.83
600	6.82
700	6.35

Cruise: 204 Drop #: 214 Probe Type: T-7
Latitude: 29° 18.00' N Longitude: 87° 34.00' W Date: 15-Jun-93 Time: 1413

Depth (m) Temp. (°C)

0	27.26
10	28.16
20	27.60
30	25.66
50	22.87
75	20.69
100	19.56
125	17.85
150	16.38
200	13.50
250	11.65
300	10.70

CTD Data

Cruise: 204
Time: 1525

Station: 54820
Latitude: 26° 43.90' N

Date: 6-May-93
Longitude: 95° 29.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.788	32.906
20	23.471	34.663
30	23.306	35.012
50	22.709	35.989
75	21.378	36.326
100	19.323	36.492
125	17.127	36.289
150	15.542	36.184
250	11.436	35.513
300	10.284	35.323
400	8.868	35.129
500	7.689	34.980

Cruise: 204
Time: 2009

Station: 54822
Latitude: 27° 19.50' N

Date: 6-May-93
Longitude: 95° 30.03' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.278	36.361
20	24.274	36.274
30	23.985	36.334
50	23.872	36.374
75	23.312	36.348
100	22.412	36.407
125	20.958	36.805
150	19.122	36.570
200	16.175	36.178
250	14.115	35.849
400	10.233	35.278
500	8.766	35.076

Cruise: 204
Time: 0539

Station: 54823
Latitude: 28° 00.59' N

Date: 7-May-93
Longitude: 94° 34.42' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	23.786	34.664
30	22.091	35.159
50	19.195	35.823

Cruise: 204
Time: 1121

Station: 54825
Latitude: 27° 19.87' N

Date: 7-May-93
Longitude: 94° 34.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.944	36.288
20	23.899	36.283
30	23.892	36.286
50	23.753	36.356
75	23.467	36.385
100	22.407	36.342
150	21.680	36.605
200	17.668	36.434
250	15.914	36.125
300	14.162	35.907
400	11.594	35.469
500	9.701	35.207

Cruise: 204
Time: 1625

Station: 54827
Latitude: 26° 40.14' N

Date: 7-May-93
Longitude: 94° 34.55' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.426	36.315
20	24.265	36.321
30	24.194	36.321
75	23.173	36.287
100	22.337	36.278
150	19.354	36.618
200	16.417	36.211
250	14.323	35.906
300	12.941	35.671
400	10.528	35.359
500	9.107	35.123

Cruise: 204
Time: 1937

Station: 54829
Latitude: 26° 18.24' N

Date: 7-May-93
Longitude: 94° 34.32' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.125	35.387
30	24.274	35.903
50	24.237	36.103
75	19.872	35.686
100	19.067	35.812
125	18.071	36.412
200	14.268	35.949
250	12.759	35.618
300	11.789	35.508
400	9.559	35.165
500	8.076	35.003

Cruise: 204
Time: 0549

Station: 54830
Latitude: 26° 00.70' N

Date: 8-May-93
Longitude: 93° 37.99' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.686	35.841
20	22.999	35.958
30	22.265	36.004
50	20.606	36.145
75	19.430	36.341
100	16.921	36.288
125	15.418	36.105
200	12.523	35.626
250	11.078	35.374
300	9.983	35.214
400	8.150	35.005
500	7.005	34.905

Cruise: 204
Time: 1040

Station: 54832
Latitude: 26° 40.37' N

Date: 8-May-93
Longitude: 93° 37.60' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.933	35.760
20	23.807	35.813
30	23.161	35.942
50	21.914	36.249
100	19.370	36.408
125	17.135	36.352
150	15.710	36.158
200	14.131	35.844
250	12.596	35.635
300	11.353	35.444
400	9.230	35.141
500	7.877	35.003

Cruise: 204
Time: 1541

Station: 54834
Latitude: 27° 19.62' N

Date: 8-May-93
Longitude: 93° 37.72' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.859	34.367
20	23.325	35.146
30	23.560	35.566
75	20.929	36.078
100	19.253	36.464
125	17.308	36.351
150	16.370	36.266
200	14.348	35.922
250	12.625	35.601
300	11.511	35.442
400	9.312	35.126
500	7.797	34.922

Cruise: 204
Time: 2018

Station: 54836
Latitude: 27° 52.89' N

Date: 8-May-93
Longitude: 93° 37.91' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.936	35.081
20	23.662	35.188
30	23.036	35.156
50	21.022	36.182
100	18.436	36.217

Cruise: 204
Time: 0532

Station: 54837
Latitude: 28° 05.40' N

Date: 9-May-93
Longitude: 92° 42.27' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.018	35.866
20	22.658	35.915
30	22.592	36.158
50	21.475	36.264
75	19.720	36.210

Cruise: 204
Time: 1213

Station: 54839
Latitude: 27° 25.10' N

Date: 9-May-93
Longitude: 92° 41.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.239	35.542
20	23.496	35.800
30	22.439	36.099
50	21.219	36.199
100	18.868	36.448
125	17.101	36.424
200	14.063	35.902
250	12.669	35.617

Cruise: 204
Time: 1814

Station: 54841
Latitude: 26° 45.10' N

Date: 9-May-93
Longitude: 92° 42.59' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.071	35.972
20	23.833	35.998
30	23.030	36.023
50	22.076	35.974
75	20.504	36.309
100	19.701	36.473
125	18.109	36.502
150	16.618	36.280
200	14.580	35.987
250	12.647	35.637
300	11.630	35.464
500	8.135	35.011

Cruise: 204
Time: 0539

Station: 54843
Latitude: 26° 05.83' N

Date: 10-May-93
Longitude: 91° 45.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.126	36.173
20	22.972	36.331
30	22.558	36.263
50	21.925	36.284
75	20.182	36.443
100	18.511	36.560
125	16.822	36.282
150	15.590	36.140
200	14.051	35.900
250	12.443	35.605
400	8.762	35.081
500	7.183	34.927

Cruise: 204
Time: 1054

Station: 54845
Latitude: 26° 45.02' N

Date: 10-May-93
Longitude: 91° 46.09' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.033	36.176
20	23.543	36.309
30	23.239	36.287
50	21.934	36.567
75	19.913	36.622
100	18.674	36.504
125	17.010	36.357
150	15.632	36.194
200	13.266	35.778
250	12.261	35.568
300	10.938	35.356
400	9.230	35.114
500	7.668	34.948

Cruise: 204
Time: 1957

Station: 54848
Latitude: 27° 45.17' N

Date: 10-May-93
Longitude: 91° 46.54' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.330	36.249
20	23.865	36.334
30	23.134	36.222
50	22.208	36.393
75	21.123	36.718
100	19.852	36.714
125	18.688	36.616
150	17.517	36.405
200	15.451	36.083
250	13.222	35.730
300	11.954	35.493
400	10.117	35.233

Cruise: 204
Time: 0532

Station: 54849
Latitude: 28° 10.02' N

Date: 11-May-93
Longitude: 90° 49.91' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.386	36.092
20	22.773	36.170
30	22.635	36.340
50	21.329	36.415
75	19.790	36.247

Cruise: 204
Time: 1033

Station: 54851
Latitude: 27° 30.19' N

Date: 11-May-93
Longitude: 90° 58.18' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.490	35.925
20	23.317	36.130
30	22.775	36.165
50	21.445	36.301
75	20.871	36.589
100	19.690	36.770
125	18.407	36.524
150	17.428	36.415
200	15.280	36.047
250	13.325	35.728
300	12.340	35.567
400	10.253	35.244
500	8.526	35.029

Cruise: 204
Time: 1509

Station: 54853
Latitude: 26° 50.00' N

Date: 11-May-93
Longitude: 90° 51.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.751	36.132
20	23.715	36.274
30	23.276	36.319
50	21.743	
75	20.023	36.503
100	18.622	36.667
125	16.679	36.343
150	15.589	36.118
250	12.414	35.566
400	9.349	35.147
500	7.584	34.937

Cruise: 204
Time: 1959

Station: 54855
Latitude: 26° 17.83' N

Date: 11-May-93
Longitude: 90° 50.40' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.455	36.179
20	23.341	36.253
30	22.707	36.246
75	20.621	36.310
100	19.829	36.354
125	16.760	36.266
150	15.260	36.109
200	12.853	35.646
250	10.891	35.374
500	6.660	34.893

Cruise: 204
Time: 0520

Station: 54859
Latitude: 28° 40.01' N

Date: 13-May-93
Longitude: 89° 55.39' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.564	34.890
20	23.663	36.160
50	21.958	36.260
75	19.682	36.415

Cruise: 204
Time: 1043

Station: 54861
Latitude: 28° 00.03' N

Date: 13-May-93
Longitude: 89° 53.36' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.558	36.158
20	24.347	36.134
30	23.512	36.156
50	22.168	36.254
75	20.979	36.544
100	19.142	36.450
125	17.521	36.492
150	15.942	36.156
250	12.747	35.625
300	11.629	35.470
400	9.418	35.149
500	8.007	34.975

Cruise: 204
Time: 1606

Station: 54863
Latitude: 27° 19.92' N

Date: 13-May-93
Longitude: 89° 56.11' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.982	36.132
20	24.464	36.259
30	23.011	36.341
100	17.483	36.469
150	15.383	36.069
250	11.534	35.454
300	10.300	35.266
400	8.528	35.060
500	7.401	34.936

Cruise: 204
Time: 1946

Station: 54865
Latitude: 26° 55.54' N

Date: 13-May-93
Longitude: 89° 51.39' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.792	36.238
20	23.733	36.345
30	23.284	36.337
50	22.805	36.386
75	19.741	36.583
100	17.390	36.357
125	15.970	36.170
200	13.522	35.752
250	11.918	35.484
300	10.871	35.383
400	8.914	35.075
500	7.777	34.946

Cruise: 204
Time: 0533

Station: 54866
Latitude: 26° 58.18' N

Date: 14-May-93
Longitude: 88° 56.98' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.860	36.357
20	26.868	36.354
50	26.259	36.439
100	23.934	36.673
125	21.019	36.691
200	17.198	36.308
250	15.290	36.035
300	13.543	35.765
400	11.073	35.363
500	9.290	35.130

Cruise: 204
Time: 1035

Station: 54868
Latitude: 27° 41.10' N

Date: 14-May-93
Longitude: 88° 54.80' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.859	36.370
20	25.776	36.360
30	25.507	36.362
50	23.855	36.627
75	21.156	36.492
100	19.912	36.614
125	18.383	36.550
150	16.988	36.315
200	14.637	35.930
250	13.343	35.717
300	12.197	35.537
400	10.135	35.227
500	8.577	35.067

Cruise: 204
Time: 1529

Station: 54870
Latitude: 28° 19.70' N

Date: 14-May-93
Longitude: 88° 57.30' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.275	36.267
20	25.218	36.293
30	23.925	36.505
50	23.195	
75	20.487	36.733
100	19.348	36.701
125	17.700	36.446
150	16.453	36.342
200	15.082	36.032
250	13.918	35.797
300	12.649	35.651
400	10.632	35.295
500	9.018	35.087

Cruise: 204 **Station:** 54872 **Date:** 14-May-93
Time: 2003 **Latitude:** 28° 53.01' N **Longitude:** 88° 56.65' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.736	34.488
20	24.431	36.295
30	23.774	36.287
50	22.704	36.309
75	20.736	36.528
100	19.098	36.556
125	18.326	36.429
150	16.718	36.292
200	15.035	35.996

Cruise: 204 **Station:** 54873 **Date:** 15-May-93
Time: 0521 **Latitude:** 29° 22.13' N **Longitude:** 88° 02.08' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	22.208	34.084
20	24.276	36.179
30	23.665	36.251
50	20.569	35.686
75	19.047	35.971

Cruise: 204 **Station:** 54875 **Date:** 15-May-93
Time: 1130 **Latitude:** 28° 39.93' N **Longitude:** 88° 01.74' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.934	35.548
20	24.773	36.680
30	23.708	36.714
50	21.906	36.509
75	20.629	36.197
100	20.046	36.534
125	17.786	36.506
150	16.417	36.244
200	14.836	35.983
250	13.836	35.784
300	12.306	35.606
400	10.445	35.295
500	8.821	35.053

Cruise: 204 **Station:** 54877 **Date:** 15-May-93
Time: 1530 **Latitude:** 28° 09.71' N **Longitude:** 88° 02.29' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.716	36.336
20	25.634	36.330
30	24.637	36.462
50	22.061	36.296
75	20.929	36.451
100	19.986	36.641
125	18.729	36.537
150	17.427	36.491
200	15.250	36.080
250	13.582	35.754
300	12.171	35.540
400	10.432	35.273
500	8.714	35.041

Cruise: 204
Time: 1956

Station: 54879
Latitude: 27° 38.53' N

Date: 15-May-93
Longitude: 87° 58.73' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.329	36.316
20	27.271	36.297
30	27.245	36.296
50	27.200	36.301
75	26.584	36.373
100	25.802	36.482
125	23.985	36.756
150	22.384	36.792
200	19.412	36.715
250	17.712	36.416
300	15.664	36.115
400	12.679	35.601
500	10.500	35.273

Cruise: 204
Time: 0505

Station: 54880
Latitude: 27° 54.25' N

Date: 16-May-93
Longitude: 87° 05.59' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.987	36.376
20	25.748	36.323
30	25.416	36.328
50	24.643	36.356
75	22.695	36.441
100	20.723	36.355
125	19.614	36.508
150	18.282	36.454
200	15.928	36.133
250	13.878	35.825
300	12.113	35.520
400	9.707	35.158
500	7.952	34.951

Cruise: 204
Time: 1005

Station: 54882
Latitude: 28° 34.13' N

Date: 16-May-93
Longitude: 87° 05.61' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.770	36.416
20	25.756	36.416
30	25.049	36.600
50	23.058	36.362
75	20.413	36.221
100	19.306	36.467
125	17.871	36.448
150	16.558	36.297
200	15.205	36.077
250	13.699	35.796
300	12.513	35.597
400	10.258	35.259
500	8.665	35.046

Cruise: 204 Station: 54884 Date: 16-May-93
Time: 1641 Latitude: 29° 15.49' N Longitude: 87° 07.97' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.306	35.231
20	22.393	35.639
30	21.432	35.593
50	20.790	36.145
75	20.086	36.289
100	18.838	36.384
125	17.133	36.295
150	15.575	36.224
200	12.029	35.610
250	10.086	35.223
300	8.984	35.112
400	7.512	34.959

Cruise: 204 Station: 54885 Date: 16-May-93
Time: 2018 Latitude: 29° 35.53' N Longitude: 87° 07.96' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.423	35.254
20	23.314	35.338
30	21.847	36.315
50	20.438	36.184
75	18.817	36.072
100	18.043	36.236
125	16.905	36.245
150	15.745	36.101
200	13.390	35.751
250	12.057	35.533

Cruise: 204 Station: 54886 Date: 19-May-93
Time: 0018 Latitude: 29° 59.90' N Longitude: 86° 59.75' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.700	35.468
20	23.325	36.070
30	20.953	35.943
50	19.562	36.016

Cruise: 204 Station: 54887 Date: 19-May-93
Time: 0421 Latitude: 29° 29.81' N Longitude: 86° 29.98' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.955	35.862
20	23.624	35.924
30	22.482	36.122
50	21.137	36.180
75	20.621	36.373
100	18.499	36.170
125	17.721	36.329
150	16.435	36.208
200	14.827	35.941

Cruise: 204
Time: 0832

Station: 54888
Latitude: 28° 59.90' N

Date: 19-May-93
Longitude: 86° 30.03' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.867	35.657
20	23.438	35.848
30	23.047	36.100
50	20.672	36.050
75	19.137	36.114
100	18.284	36.149
125	17.907	36.237
150	16.619	36.280
200	14.575	35.919
250	12.778	35.676
300	11.425	35.456

Cruise: 204
Time: 1229

Station: 54890
Latitude: 28° 59.98' N

Date: 19-May-93
Longitude: 85° 59.87' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.524	36.088
20	24.441	36.191
30	24.227	36.211
50	22.535	36.443
75	20.769	36.502
100	19.430	36.469
125	17.669	36.294
150	17.046	36.291
200	15.089	35.977

Cruise: 204
Time: 1750

Station: 54892
Latitude: 28° 30.00' N

Date: 19-May-93
Longitude: 85° 30.09' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.120	36.115
20	23.348	35.910
30	22.333	36.109
50	20.813	36.241
75	19.164	36.245
100	19.097	36.298
125	18.559	36.213
150	17.425	36.299
200	15.519	36.025

Cruise: 204
Time: 2126

Station: 54893
Latitude: 28° 30.02' N

Date: 19-May-93
Longitude: 86° 00.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.365	36.272
30	24.871	36.242
50	22.710	36.074
75	20.971	36.262
100	19.717	36.578
125	18.752	36.485
150	17.695	36.362
250	13.858	35.792

Cruise: 204
Time: 0459

Station: 54895
Latitude: 27° 30.01' N

Date: 20-May-93
Longitude: 86° 00.24' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.128	36.282
20	26.315	36.398
30	25.446	36.451
50	23.560	36.446
75	21.116	36.603
100	19.057	36.551
125	17.562	36.374
150	16.331	36.214
200	14.857	35.952
300	12.448	35.574
400	9.831	35.193
500	8.355	35.001

Cruise: 204
Time: 0903

Station: 54897
Latitude: 26° 59.88' N

Date: 20-May-93
Longitude: 85° 59.70' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.483	36.343
20	26.229	36.393
30	26.103	36.371
50	24.469	36.466
100	20.075	36.664
125	18.679	36.565
150	18.262	36.508
200	16.857	36.285
250	15.485	36.053
300	14.270	35.860
400	11.588	35.425
500	9.877	35.199

Cruise: 204
Time: 1437

Station: 54899
Latitude: 26° 29.60' N

Date: 20-May-93
Longitude: 86° 00.15' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.352	36.321
20	27.241	36.331
30	26.988	36.325
50	25.949	36.253
75	24.401	36.522
125	21.773	36.768
150	20.463	36.762
200	18.314	36.461

Cruise: 204
Time: 1752

Station: 54901
Latitude: 25° 59.95' N

Date: 20-May-93
Longitude: 86° 00.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.455	36.504
20	24.584	35.997
30	24.448	36.055
50	23.446	36.192
75	22.204	36.263
100	21.299	36.449
125	19.017	36.458
150	17.784	36.382
200	15.057	35.986
250	13.566	35.735
300	12.225	35.533
400	9.819	35.176
500	8.228	34.992

Cruise: 204
Time: 0706

Station: 54904
Latitude: 25° 29.83' N

Date: 21-May-93
Longitude: 86° 27.81' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.169	36.302
20	27.175	36.302
30	27.164	36.301
50	26.195	36.371
75	24.838	36.444
125	20.839	36.205
150	20.036	36.401
250	15.120	35.998
300	13.502	35.741
400	10.553	35.283
500	8.919	35.064

Cruise: 204
Time: 2350

Station: 54908
Latitude: 26° 00.09' N

Date: 21-May-93
Longitude: 87° 00.07' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.815	36.319
20	26.682	36.323
30	26.408	36.339
50	26.134	36.321
75	25.743	36.321
100	25.657	36.414
150	24.964	36.351
200	23.800	36.779

Cruise: 204
Time: 0246

Station: 54909
Latitude: 26° 00.02' N

Date: 22-May-93
Longitude: 87° 59.20' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.899	36.318
20	26.907	36.319
30	26.893	36.317
50	26.439	36.331
75	26.145	36.344
100	25.435	36.314
125	25.196	36.304
150	25.145	36.306
200	24.919	36.420
250	22.546	36.858
300	19.995	36.731
400	17.458	36.378
500	14.601	35.900

Cruise: 204
Time: 0653

Station: 54910
Latitude: 26° 30.24' N

Date: 22-May-93
Longitude: 87° 59.86' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.885	36.301
20	26.887	36.302
30	26.879	36.304
50	26.153	36.320
75	25.545	36.313
100	25.309	36.310
125	25.167	36.303
150	25.118	36.308
200	24.855	36.405
300	19.252	36.640
400	17.441	36.406
500	13.913	35.802

Cruise: 204
Time: 1044

Station: 54912
Latitude: 27° 00.24' N

Date: 22-May-93
Longitude: 87° 59.86' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.820	36.319
20	26.822	36.319
30	26.749	36.325
50	26.151	36.327
75	25.347	36.292
100	25.273	36.302
125	25.181	36.307
150	24.998	36.351
200	23.912	36.761
250	20.806	36.848
300	18.953	36.608
400	16.525	36.231
500	13.430	35.717

Cruise: 204
Time: 1509

Station: 54914
Latitude: 27° 29.54' N

Date: 22-May-93
Longitude: 88° 00.01' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.544	36.342
20	26.535	36.344
30	26.522	36.351
50	26.083	36.423
75	25.252	36.295
100	25.142	36.309
125	24.994	36.334
150	24.777	36.487

Cruise: 204
Time: 1844

Station: 54916
Latitude: 28° 00.18' N

Date: 22-May-93
Longitude: 87° 59.87' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.241	36.321
20	27.245	36.322
30	27.245	36.322
50	27.224	36.318
75	26.397	36.375
100	25.322	36.544
125	22.478	36.639
150	21.269	36.833
200	19.124	36.623
300	16.400	36.228
400	13.523	35.729
500	10.700	35.284

Cruise: 204
Time: 2237

Station: 54917
Latitude: 28° 29.87' N

Date: 22-May-93
Longitude: 87° 59.83' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.104	36.251
20	25.708	36.179
30	25.261	36.161
50	24.206	36.098
75	23.162	36.137
100	21.399	36.163
125	20.398	36.352
150	18.835	36.440
200	15.949	36.133

Cruise: 204
Time: 0157

Station: 54918
Latitude: 28° 59.46' N

Date: 23-May-93
Longitude: 88° 00.12' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.757	35.699
20	24.171	35.714
30	23.529	36.209
50	22.023	36.218
75	21.464	36.515
100	19.963	36.531
125	18.009	36.441
150	16.772	36.272
200	15.027	36.032
250	13.308	35.697
300	12.291	35.559
400	9.952	35.195
500	8.469	35.028

Cruise: 204
Time: 0524

Station: 54919
Latitude: 29° 00.08' N

Date: 23-May-93
Longitude: 88° 30.01' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.369	33.050
20	24.778	36.086
30	24.198	36.295
50	22.322	36.108
75	20.389	36.396
100	19.021	36.535
125	17.681	36.372
150	16.505	36.204
200	14.638	35.928

Cruise: 204
Time: 1010

Station: 54921
Latitude: 29° 29.80' N

Date: 23-May-93
Longitude: 88° 00.11' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.230	32.399
20	24.062	36.104
30	23.357	36.211

Cruise: 204
Time: 1744

Station: 54925
Latitude: 29° 00.07' N

Date: 23-May-93
Longitude: 87° 00.02' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.764	35.248
20	23.641	35.245
30	22.644	35.686
50	20.935	36.133
75	19.809	36.273
100	18.258	36.293
125	16.621	36.124
200	11.451	35.429
250	9.898	35.202
300	8.859	35.066
400	7.605	34.932
500	6.999	34.903

Cruise: 204 **Station:** 54926 **Date:** 23-May-93
Time: 2231 **Latitude:** 28° 29.92' N **Longitude:** 86° 59.63' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.316	34.776
30	22.865	35.435
50	20.053	35.737
75	19.446	36.077
100	18.609	36.469
125	17.330	36.337
150	16.520	36.220
200	14.848	35.969

Cruise: 204 **Station:** 54927 **Date:** 24-May-93
Time: 0246 **Latitude:** 27° 59.99' N **Longitude:** 86° 59.92' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.302	36.267
20	26.301	36.271
30	25.615	36.208
50	24.310	36.082
75	24.192	36.531
100	21.458	36.259
125	20.502	36.253
150	19.814	36.517
250	15.042	35.979
300	13.668	35.755
400	11.477	35.423
500	9.562	35.164

Cruise: 204 **Station:** 54934 **Date:** 25-May-93
Time: 0037 **Latitude:** 28° 29.81' N **Longitude:** 88° 59.99' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.250	36.097
20	25.249	36.100
30	24.213	35.923
50	22.005	36.192
75	20.379	36.261
125	16.780	36.273
150	15.850	36.110
200	14.496	35.906

Cruise: 204 **Station:** 54935 **Date:** 25-May-93
Time: 0353 **Latitude:** 27° 59.89' N **Longitude:** 88° 59.91' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.560	36.273
20	25.569	36.296
30	25.471	36.304
50	22.756	36.113
100	18.656	36.461
125	16.981	36.281
150	15.268	36.023
200	13.387	35.721
250	12.009	35.491
300	11.063	35.358
400	9.286	35.104
500	7.816	34.972

Cruise: 204
Time: 0836

Station: 54937
Latitude: 27° 29.91' N

Date: 25-May-93
Longitude: 88° 59.96' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.122	36.126
20	24.908	36.146
50	22.527	36.296
100	18.584	36.419
200	12.519	35.592

Cruise: 204
Time: 1234

Station: 54939
Latitude: 27° 00.21' N

Date: 25-May-93
Longitude: 88° 59.91' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.868	36.004
20	24.832	36.014
30	24.805	36.023
50	22.232	36.141
75	21.534	36.226
125	18.858	36.525
150	17.416	36.329
200	14.822	35.949
250	13.299	35.692
300	11.789	35.461
400	9.837	35.179
500	8.265	34.986

Cruise: 204
Time: 1738

Station: 54941
Latitude: 26° 30.12' N

Date: 25-May-93
Longitude: 88° 59.86' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.399	36.317
20	27.400	36.317
30	27.402	36.318
50	27.405	36.320
75	26.736	36.324
100	26.097	36.356
125	25.693	36.447
150	24.871	36.714
200	22.257	36.894

Cruise: 204
Time: 2204

Station: 54942
Latitude: 26° 00.20' N

Date: 25-May-93
Longitude: 88° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.231	36.221
20	27.171	36.274
30	27.152	36.269
50	27.138	36.275
75	27.128	36.276
100	26.350	36.323
125	26.028	36.439
150	25.139	36.471
250	20.348	36.750
300	18.661	36.568
500	13.008	35.692

Cruise: 204
Time: 0208

Station: 54943
Latitude: 26° 00.09' N

Date: 26-May-93
Longitude: 89° 29.83' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.422	36.196
20	27.373	36.313
30	27.272	36.314
50	27.166	36.302
75	26.374	36.329
100	25.266	36.313
125	24.757	36.535
200	20.119	36.713

Cruise: 204
Time: 0524

Station: 54944
Latitude: 26° 00.20' N

Date: 26-May-93
Longitude: 89° 59.98' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.929	36.375
20	26.833	36.388
30	26.010	36.412
50	24.938	36.621
75	22.629	36.810
100	20.794	36.756
125	19.437	36.632
150	18.672	36.566
200	16.884	36.233
250	14.971	35.966
300	13.454	35.732
400	10.590	35.289
500	8.800	35.054

Cruise: 204
Time: 0936

Station: 54946
Latitude: 26° 30.21' N

Date: 26-May-93
Longitude: 89° 59.89' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.899	36.280
20	25.153	36.094
30	24.952	36.033
50	23.494	36.289
75	22.001	36.279
100	20.206	36.388
125	18.396	36.426
150	16.702	36.288
200	14.456	35.879

Cruise: 204
Time: 1316

Station: 54948
Latitude: 26° 59.40' N

Date: 26-May-93
Longitude: 89° 59.92' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.064	36.112
20	24.993	36.114
30	24.827	36.086
50	22.187	36.193
75	20.275	36.297
100	19.048	36.434
125	17.333	36.349
150	15.991	36.133
200	14.219	35.849
250	12.875	35.633
300	11.747	35.469
400	9.484	35.123
500	8.098	34.979

Cruise: 204
Time: 1739

Station: 54950
Latitude: 27° 29.55' N

Date: 26-May-93
Longitude: 89° 59.98' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.682	36.327
20	25.590	36.325
30	24.271	36.466
50	22.158	36.322
75	20.632	36.663
100	18.375	36.405
125	16.601	36.303
150	15.413	36.057
200	13.902	35.791

Cruise: 204
Time: 0123

Station: 54953
Latitude: 27° 59.93' N

Date: 27-May-93
Longitude: 90° 29.67' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.967	33.692
20	24.016	36.194
30	23.211	36.294
50	22.089	36.244
75	20.330	36.296
125	17.759	36.377
150	16.572	36.222
200	14.842	35.948

Cruise: 204
Time: 0440

Station: 54954
Latitude: 27° 59.96' N

Date: 27-May-93
Longitude: 90° 59.99' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.086	36.164
20	25.101	36.209
30	23.611	36.171
50	22.864	36.469
75	20.619	36.213
100	19.559	36.410
125	18.077	36.386

Cruise: 204 Station: 54956 Date: 26-May-93
Time: 0904 Latitude: 27° 30.07' N Longitude: 90° 59.88' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.881	36.294
20	24.883	36.294
30	24.746	36.281
50	22.755	36.210
75	20.430	36.341
100	18.802	36.450
125	16.359	36.128
150	14.785	35.958
200	13.019	35.662

Cruise: 204 Station: 54958 Date: 27-May-93
Time: 1248 Latitude: 27° 00.20' N Longitude: 90° 59.99' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.727	35.390
20	25.264	36.341
30	24.629	36.312
50	21.720	36.626
75	19.808	36.446
100	18.245	36.403
125	16.722	36.236
150	15.520	36.059
200	14.002	35.850
250	12.857	35.642
300	11.150	35.397
500	6.936	34.905

Cruise: 204 Station: 54960 Date: 27-May-93
Time: 1832 Latitude: 26° 30.06' N Longitude: 90° 59.99' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.920	36.137
20	24.734	36.192
30	23.191	36.205
50	21.898	36.229
75	20.662	36.277
100	19.668	36.309
125	17.119	36.252
200	13.072	35.698

Cruise: 204 Station: 54961 Date: 27-May-93
Time: 2236 Latitude: 26° 00.02' N Longitude: 91° 00.03' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.093	36.210
20	24.757	36.242
30	23.650	36.300
50	22.214	36.198
75	21.254	36.254
125	18.211	36.369
150	15.293	36.065
200	11.505	35.454
250	9.376	35.154
300	8.190	35.012
400	7.067	34.910
500	6.248	34.912

Cruise: 204 **Station:** 54962 **Date:** 28-May-93
Time: 0244 **Latitude:** 25° 59.96' N **Longitude:** 91° 29.75' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.863	36.224
20	24.290	36.185
30	23.437	36.237
50	22.079	36.254
75	20.648	36.220
100	19.369	36.392
125	17.202	36.347
200	13.338	35.725

Cruise: 204 **Station:** 54965 **Date:** 28-May-93
Time: 1054 **Latitude:** 26° 30.08' N **Longitude:** 92° 00.05' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.944	35.601
20	24.730	35.893
30	24.596	36.103
50	22.293	36.209
75	20.566	36.282
100	19.515	36.392
125	17.497	36.373
150	16.339	36.208
200	14.601	35.913

Cruise: 204 **Station:** 54967 **Date:** 28-May-93
Time: 1530 **Latitude:** 26° 59.89' N **Longitude:** 91° 59.92' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.776	36.145
20	24.206	36.231
30	22.762	36.171
50	21.654	36.186
100	19.335	36.646
125	18.058	36.500
150	17.357	36.366
200	15.531	36.065
400	10.090	35.221
500	8.264	35.015

Cruise: 204 **Station:** 54969 **Date:** 28-May-93
Time: 1956 **Latitude:** 27° 30.24' N **Longitude:** 92° 00.11' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.555	35.962
20	23.830	
30	22.839	36.330
50	21.873	36.202
75	20.512	36.368
100	19.772	36.674
125	18.519	36.527
150	17.499	36.379
200	15.674	36.090

Cruise: 204
Time: 0043

Station: 54970
Latitude: 27° 59.82' N

Date: 29-May-93
Longitude: 92° 00.02' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
20	24.501	36.093
30	23.208	36.296
50	21.795	36.311
75	19.579	36.103
100	19.221	36.278

Cruise: 204
Time: 0816

Station: 54973
Latitude: 28° 00.15' N

Date: 29-May-93
Longitude: 93° 00.29' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	23.926	34.644
20	23.256	35.115
30	22.510	35.780
50	21.441	36.198
75	19.463	36.250

Cruise: 204
Time: 1235

Station: 54975
Latitude: 27° 30.09' N

Date: 29-May-93
Longitude: 92° 59.99' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.915	36.184
20	24.731	36.177
30	23.499	36.272
50	22.476	36.442
75	20.531	36.349
100	18.557	36.435
200	13.987	35.812

Cruise: 204
Time: 1619

Station: 54977
Latitude: 27° 00.20' N

Date: 29-May-93
Longitude: 93° 00.18' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.143	35.494
20	24.603	35.873
30	24.069	36.225
50	22.461	36.278
75	20.900	36.570
100	18.808	36.473
125	16.960	36.283
150	15.675	36.091
250	12.202	35.528
300	10.967	35.358
400	8.881	35.092
500	7.693	34.943

Cruise: 204
Time: 2103

Station: 54979
Latitude: 26° 29.95' N

Date: 29-May-93
Longitude: 93° 00.14' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.489	35.249
20	25.309	35.480
30	23.448	35.934
50	21.624	36.112
75	20.157	36.278
100	18.072	36.360
125	16.425	36.168
150	14.917	35.945
200	13.122	35.670

Cruise: 204
Time: 0402

Station: 54981
Latitude: 26° 00.25' N

Date: 30-May-93
Longitude: 93° 30.01' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.031	35.804
20	24.713	35.843
30	23.162	36.049
50	21.258	36.148
100	18.527	36.386
125	16.171	36.141
200	11.584	35.464

Cruise: 204
Time: 0723

Station: 54982
Latitude: 26° 00.39' N

Date: 30-May-93
Longitude: 93° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.503	35.548
20	25.121	35.569
30	23.131	36.001
50	22.060	36.138
75	20.079	36.241
100	18.114	36.380
125	15.962	36.129
150	14.286	35.860
200	12.342	35.569
250	10.910	35.350
300	10.519	35.296
400	8.560	35.047
500	7.142	34.925

Cruise: 204
Time: 1231

Station: 54984
Latitude: 26° 29.98' N

Date: 30-May-93
Longitude: 94° 00.03' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.155	35.532
20	24.632	35.842
30	22.829	36.082
50	21.650	36.241
75	19.868	36.346
100	17.766	36.400
125	16.148	36.215
150	14.964	36.004
200	13.432	35.762

Cruise: 204 Station: 54986 Date: 30-May-93
Time: 1707 Latitude: 26° 59.95' N Longitude: 94° 00.02' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.225	35.753
20	24.675	35.802
30	24.178	36.266
50	22.370	36.236
75	20.797	36.161
100	19.010	36.405
125	17.130	36.252
150	15.851	36.100
200	14.112	35.838
250	12.430	35.567
300	11.395	35.414
400	9.474	35.152

Cruise: 204 Station: 54987 Date: 30-May-93
Time: 2203 Latitude: 27° 30.15' N Longitude: 94° 00.02' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.727	34.677
20	22.871	35.473
30	21.528	35.667
50	20.453	36.066
75	19.508	36.315
100	17.961	36.371
125	16.754	36.240
150	15.584	36.072
200	14.175	35.843

Cruise: 204 Station: 54988 Date: 31-May-93
Time: 0200 Latitude: 27° 59.94' N Longitude: 93° 59.93' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.599	33.926
20	23.706	34.701
30	23.567	35.268
50	21.014	36.044
75	19.488	35.970

Cruise: 204 Station: 54989 Date: 31-May-93
Time: 0509 Latitude: 28° 00.27' N Longitude: 94° 29.95' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.618	34.124
20	24.237	34.921
30	23.327	35.792
50	20.457	35.846

Cruise: 204 Station: 54990 Date: 31-May-93
Time: 0820 Latitude: 28° 00.04' N Longitude: 95° 00.11' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.007	32.108
20	24.738	34.318
30	21.833	34.734
50	19.976	35.672
75	19.462	35.820

Cruise: 204
Time: 1222

Station: 54992
Latitude: 27° 30.00' N

Date: 31-May-93
Longitude: 94° 59.97' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.858	33.119
20	24.413	33.917
30	23.407	34.408
50	23.794	36.112
75	19.770	35.788
100	19.558	36.341
125	18.185	36.417
150	16.919	36.355
200	14.923	35.967

Cruise: 204
Time: 1420

Station: 54994
Latitude: 27° 13.00' N

Date: 31-May-93
Longitude: 95° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.259	35.811
20	25.164	36.048
30	24.906	36.135
50	23.733	36.249
75	23.009	36.277
100	22.165	36.308
125	20.672	36.561
150	19.318	36.567
200	16.723	36.242
250	14.782	35.944
300	13.424	35.739
400	10.885	35.342
500	9.159	35.119

Cruise: 204
Time: 2046

Station: 54997
Latitude: 26° 30.40' N

Date: 31-May-93
Longitude: 95° 00.33' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.536	35.605
20	25.168	35.989
30	24.623	36.166
50	23.620	36.222
75	22.842	36.288
100	21.789	36.394
125	19.820	36.354
150	18.660	36.536
200	15.888	36.117

Cruise: 204
Time: 0104

Station: 54998
Latitude: 26° 01.02' N

Date: 1-Jun-93
Longitude: 95° 00.03' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.711	35.230
20	24.943	35.687
30	22.966	35.881
50	21.923	35.998
75	20.652	36.224
100	19.250	36.387
125	17.520	36.307
150	15.804	36.103
200	13.736	35.773
250	12.403	35.573
300	11.072	35.359
400	9.380	35.150
500	7.782	34.975

Cruise: 204
Time: 0451

Station: 54999
Latitude: 26° 00.71' N

Date: 1-Jun-93
Longitude: 95° 30.11' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.518	35.209
20	25.159	35.631
30	24.851	35.759
50	22.651	36.052
75	21.225	36.124
100	19.786	36.261
125	17.816	36.483
150	16.449	36.249
200	14.156	35.845

Cruise: 204
Time: 0910

Station: 55001
Latitude: 26° 01.06' N

Date: 1-Jun-93
Longitude: 96° 00.17' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.318	34.817
20	24.781	35.248
30	24.710	35.775
50	22.571	35.905
75	21.194	36.104
100	19.577	36.362
125	17.901	36.365
150	16.461	36.289
200	14.467	35.957
250	12.853	35.647
300	11.525	35.466
400	9.626	35.163
500	8.366	35.033

Cruise: 204 Station: 55005 Date: 1-Jun-93
Time: 1529 Latitude: 26° 29.88' N Longitude: 96° 00.04' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.981	35.622
20	25.241	35.977
30	25.070	36.149
50	24.188	36.300
75	23.397	36.308
100	22.421	36.268
125	21.536	36.485
150	20.034	36.594
200	16.763	36.242

Cruise: 204 Station: 55007 Date: 1-Jun-93
Time: 2011 Latitude: 27° 00.98' N Longitude: 96° 00.05' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.781	35.223
20	24.687	35.934
50	23.794	36.350
75	23.470	36.370
100	22.339	36.286
125	21.761	36.428
150	20.390	36.593
200	17.046	36.297
250	14.885	35.957
400	10.972	35.360
500	9.417	35.158

Cruise: 204 Station: 55008 Date: 2-Jun-93
Time: 0043 Latitude: 27° 29.73' N Longitude: 95° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.715	34.144
20	24.753	34.942
30	25.061	35.961
50	23.416	36.150
75	21.635	36.329
100	19.973	36.378
125	18.011	36.402
150	16.725	36.243

Cruise: 204 Station: 55009 Date: 2-Jun-93
Time: 0408 Latitude: 27° 59.91' N Longitude: 95° 59.96' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.061	31.356
20	23.779	32.725
30	22.646	33.994

Cruise: 204 Station: 55012 Date: 5-Jun-93
Time: 0634 Latitude: 28° 00.48' N Longitude: 93° 00.49' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.756	35.184
20	25.131	36.213
30	24.105	36.308
50	22.245	36.416
75	20.329	36.268
100	18.815	36.374

Cruise: 204 Station: 55016 Date: 5-Jun-93
Time: 1312 Latitude: 27° 00.20' N Longitude: 93° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.566	35.628
30	23.994	36.014
50	21.768	36.003
100	18.080	36.536
125	17.021	36.356
150	16.150	36.220
200	14.834	35.998
250	12.841	35.639
400	9.427	35.164
500	7.728	34.947

Cruise: 204 Station: 55019 Date: 5-Jun-93
Time: 2008 Latitude: 26° 17.13' N Longitude: 92° 59.92' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.471	35.657
20	25.244	35.798
30	23.104	36.137
75	20.290	36.323
100	18.158	36.448
125	16.072	36.202
150	14.578	35.978
200	12.558	35.604
250	11.278	35.438
300	9.893	35.239
400	8.173	35.006
500	7.201	34.939

Cruise: 204 Station: 55039 Date: 9-Jun-93
Time: 0511 Latitude: 28° 58.30' N Longitude: 89° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	24.535	36.149
20	22.635	36.065
30	21.794	36.276
50	20.100	36.495
75	19.048	36.403

Cruise: 204
Time: 1426

Station: 55043
Latitude: 28° 00.10' N

Date: 9-Jun-93
Longitude: 89° 00.10' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.535	36.007
20	27.382	36.009
30	26.520	36.302
50	24.586	
75	23.297	36.732
100	21.675	36.803
125	19.861	36.715
150	18.107	36.440
200	15.878	36.137
250	13.933	35.831
300	12.730	35.610
400	10.444	35.275
500	8.944	35.077

Cruise: 204
Time: 2244

Station: 55046
Latitude: 27° 00.45' N

Date: 9-Jun-93
Longitude: 88° 59.69' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.961	36.312
20	27.866	36.306
30	27.226	36.285
50	27.096	36.278
75	26.996	36.288
100	26.348	36.330
125	25.766	36.500
150	24.394	36.741
200	20.071	36.375
250	18.321	36.516
300	16.571	36.240
400	13.516	35.742
500	11.049	35.370

Cruise: 204
Time: 0135

Station: 55056
Latitude: 26° 59.80' N

Date: 11-Jun-93
Longitude: 86° 59.50' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	28.035	36.335
30	27.871	36.368

Cruise: 204
Time: 0747

Station: 55058
Latitude: 26° 59.67' N

Date: 11-Jun-93
Longitude: 85° 59.87' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.705	35.942
20	26.303	36.285
30	25.652	36.265
50	23.018	36.254
75	21.216	36.292
100	20.036	36.456
125	19.027	36.541
150	17.477	36.373
200	15.368	36.038
250	13.771	35.812
300	12.313	35.562
400	10.201	35.227
500	8.634	35.034

Cruise: 204
Time: 1414

Station: 55060
Latitude: 26° 00.50' N

Date: 11-Jun-93
Longitude: 86° 00.20' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	28.270	36.377
20	28.123	36.366
30	28.101	36.365
50	27.453	36.346
75	26.498	36.389
100	24.980	36.597
125	22.741	36.507
150	22.077	36.847
200	19.716	36.684
250	17.867	36.438
300	16.645	36.237
400	13.371	35.700

Cruise: 204
Time: 2057

Station: 55063
Latitude: 25° 00.06' N

Date: 11-Jun-93
Longitude: 85° 59.98' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	28.455	36.275
20	28.460	36.275
30	28.436	36.285
50	27.420	36.358
75	26.118	36.633
100	23.665	36.814
125	22.207	36.772
150	20.919	36.826
200	18.156	36.492
250	16.426	36.215
300	14.852	35.952
400	12.042	35.503

Cruise: 204
Time: 0228

Station: 55065
Latitude: 25° 00.30' N

Date: 12-Jun-93
Longitude: 85° 00.20' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	28.098	36.299
20	25.794	36.330
30	24.384	36.367
50	22.505	36.280
75	21.154	36.322
100	20.212	36.477
125	18.553	36.525
150	18.275	36.480
200	16.305	36.177
250	13.760	35.778
300	11.838	35.477
400	9.069	35.079

Cruise: 204
Time: 0853

Station: 55067
Latitude: 24° 29.90' N

Date: 12-Jun-93
Longitude: 84° 29.21' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	28.288	36.281
20	28.280	36.286
30	28.267	36.290
50	26.355	36.287
75	23.481	36.206
100	22.249	36.265
125	20.998	36.243
150	20.307	36.399
200	16.951	36.244
250	14.151	35.838
300	12.270	35.551
400	8.588	35.041

Cruise: 204
Time: 1547

Station: 55069
Latitude: 24° 59.50' N

Date: 12-Jun-93
Longitude: 83° 59.50' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.266	36.428
20	26.109	36.376
30	25.747	36.352
50	23.153	36.219
75	21.197	36.368
100	19.726	36.402

Cruise: 204
Time: 2158

Station: 55071
Latitude: 25° 59.82' N

Date: 12-Jun-93
Longitude: 83° 59.95' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.392	36.478
20	25.480	36.363
30	23.793	36.250
50	22.167	36.279
75	20.244	36.317
100	19.319	36.281
125	17.341	36.210

Cruise: 204
Time: 0336

Station: 55073
Latitude: 26° 00.40' N

Date: 13-Jun-93
Longitude: 85° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	28.047	36.342
20	26.875	36.386
30	25.677	36.280
50	23.541	36.209
75	21.034	36.369
100	19.674	36.598
125	18.119	36.483
150	17.370	36.371
200	15.649	36.085
250	13.930	35.800
300	12.417	35.555
400	10.163	35.222

Cruise: 204
Time: 1255

Station: 55076
Latitude: 26° 59.90' N

Date: 13-Jun-93
Longitude: 85° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	28.020	36.189
20	25.346	36.211
30	24.296	36.125
50	21.351	36.088
75	20.195	36.262
100	18.939	36.271
125	17.537	36.345
150	16.325	36.167

Cruise: 204
Time: 2048

Station: 55079
Latitude: 27° 59.97' N

Date: 13-Jun-93
Longitude: 85° 00.11' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.292	36.231
20	24.642	36.157
30	24.426	36.228
50	23.289	36.216
75	20.870	36.252
100	19.427	36.441
125	18.008	36.387
150	16.418	36.183
200	13.497	35.747
250	11.568	35.440

Cruise: 204
Time: 0231

Station: 55080
Latitude: 27° 59.90' N

Date: 14-Jun-93
Longitude: 85° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	28.146	36.238
20	25.924	36.244
30	24.912	36.241
50	22.594	36.219
75	21.062	36.760
100	19.290	36.570
125	18.104	36.429
150	16.603	36.248
200	14.746	35.935
250	13.547	35.737
300	12.450	35.565
400	10.489	35.275
500	8.694	35.046

Cruise: 204
Time: 0616

Station: 55081
Latitude: 28° 29.60' N

Date: 14-Jun-93
Longitude: 85° 59.90' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	28.117	36.382
20	26.290	36.264
30	25.458	36.094
50	23.095	36.331
75	20.492	36.303
100	19.093	36.401
125	17.324	36.260
150	16.138	36.140
200	14.119	35.830
250	12.428	35.564
300	11.208	35.378

Cruise: 204
Time: 1057

Station: 55083
Latitude: 29° 00.04' N

Date: 14-Jun-93
Longitude: 86° 29.93' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.703	35.485
20	24.865	35.242
30	23.391	35.628
50	21.155	36.108
75	19.609	36.285
100	17.783	36.293
125	16.592	36.207
150	15.196	36.013
200	13.306	35.698
250	11.752	35.458
300	10.395	35.258

Cruise: 204
Time: 1558

Station: 55084
Latitude: 28° 59.90' N

Date: 14-Jun-93
Longitude: 87° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	26.454	35.663
20	25.959	35.960
30	25.160	36.175
50	21.792	36.304
75	19.850	36.266
100	18.567	36.313
125	17.355	36.264
150	16.773	36.233
200	14.207	35.866
250	12.864	35.629
300	11.517	35.421
400	9.827	35.175

Cruise: 204
Time: 0313

Station: 55087
Latitude: 29° 00.00' N

Date: 15-Jun-93
Longitude: 88° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.875	36.085
20	26.380	36.148
30	23.953	36.055
50	22.245	36.198
75	20.409	36.237
100	19.128	36.441
125	17.415	36.322
150	16.396	36.194
200	14.483	35.892
250	12.527	35.581
300	11.377	35.408
400	9.426	35.120

Cruise: 204
Time: 1138

Station: 55090
Latitude: 29° 29.94' N

Date: 15-Jun-93
Longitude: 87° 59.91' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	27.682	34.900
20	25.762	36.116
30	24.025	36.008

Cruise: 204
Time: 1428

Station: 55091
Latitude: 29° 59.90' N

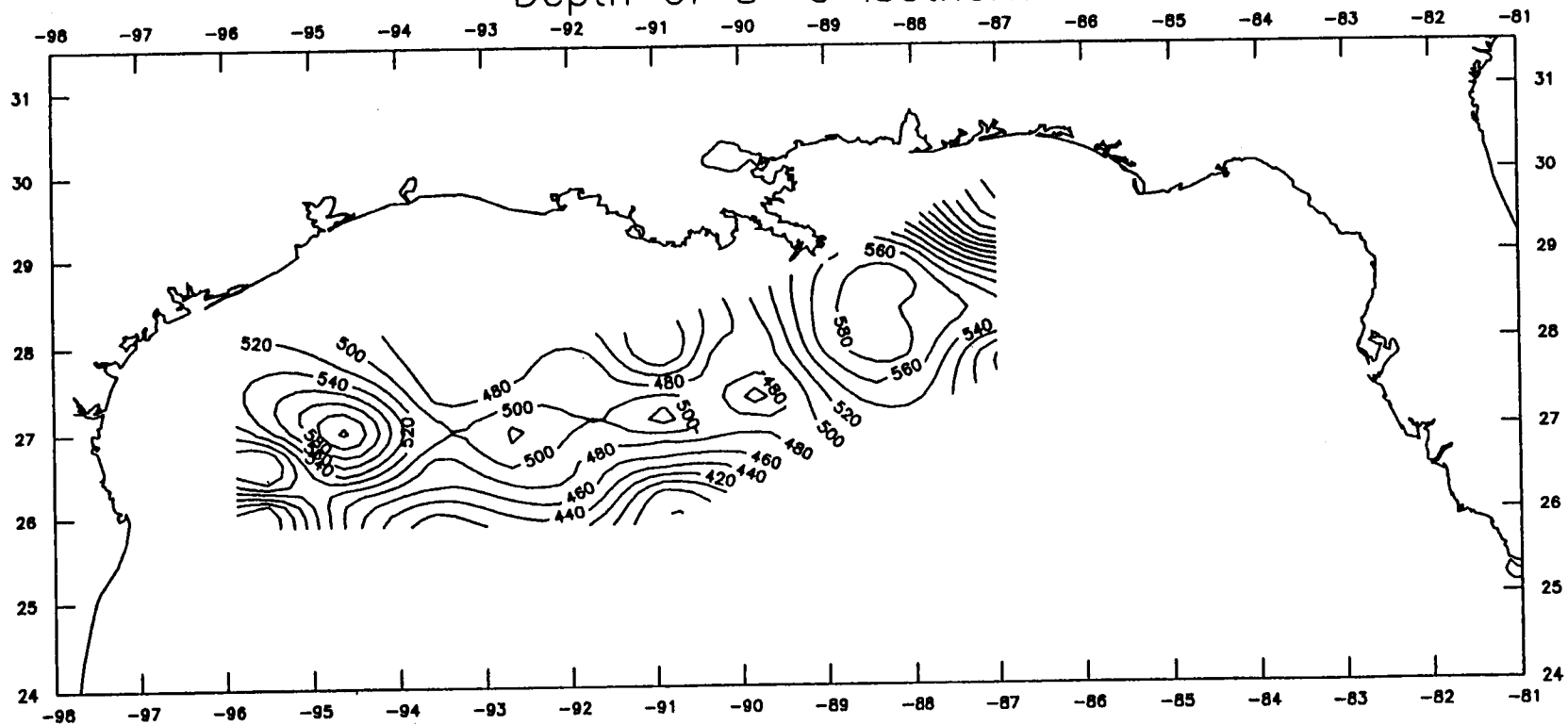
Date: 15-Jun-93
Longitude: 88° 00.00' W

<u>Depth</u>	<u>Temp.</u>	<u>Salinity</u>
10	25.315	35.710
20	21.500	36.189

Depth of the 8, 15, and 20 °C Isotherms

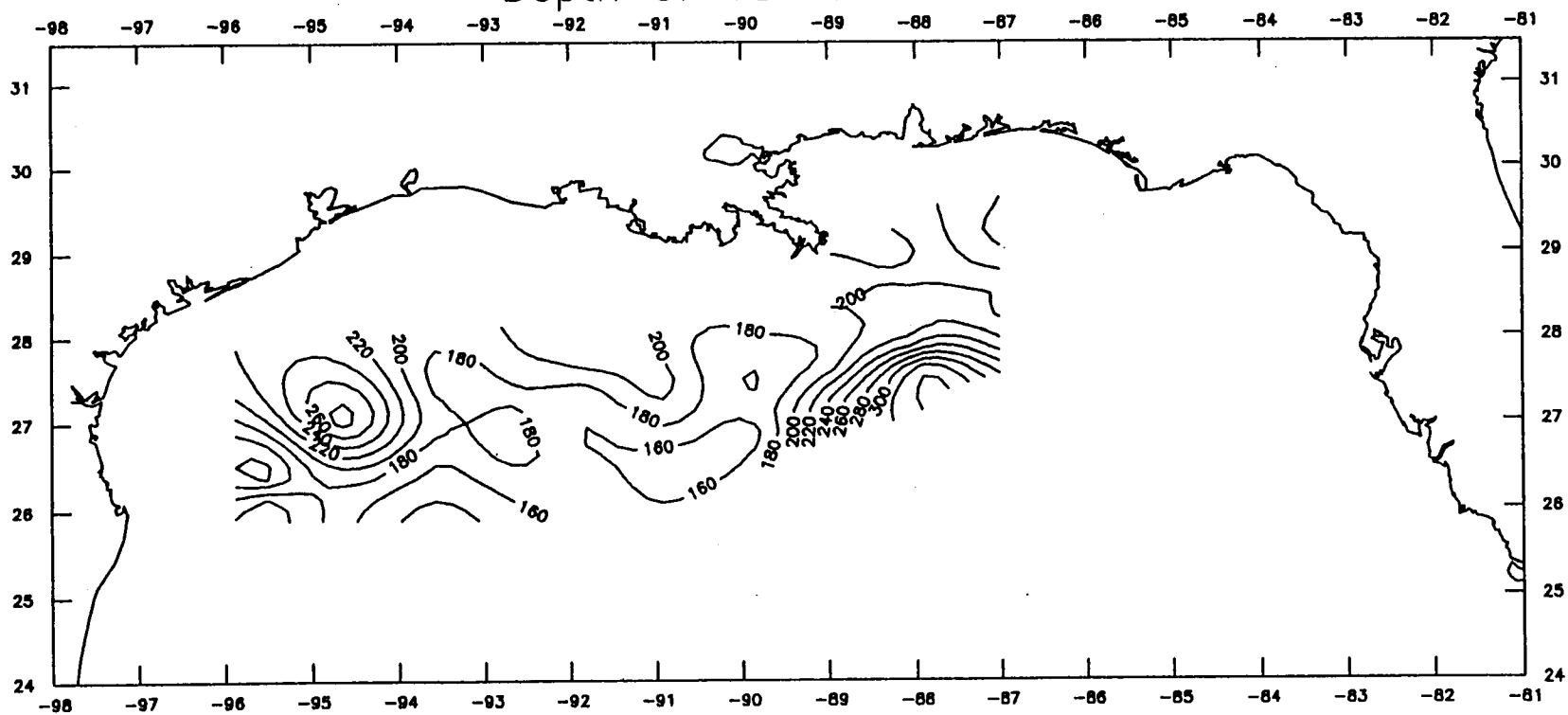
Oregon II Cruise 204a

Depth of 8 °C Isotherm



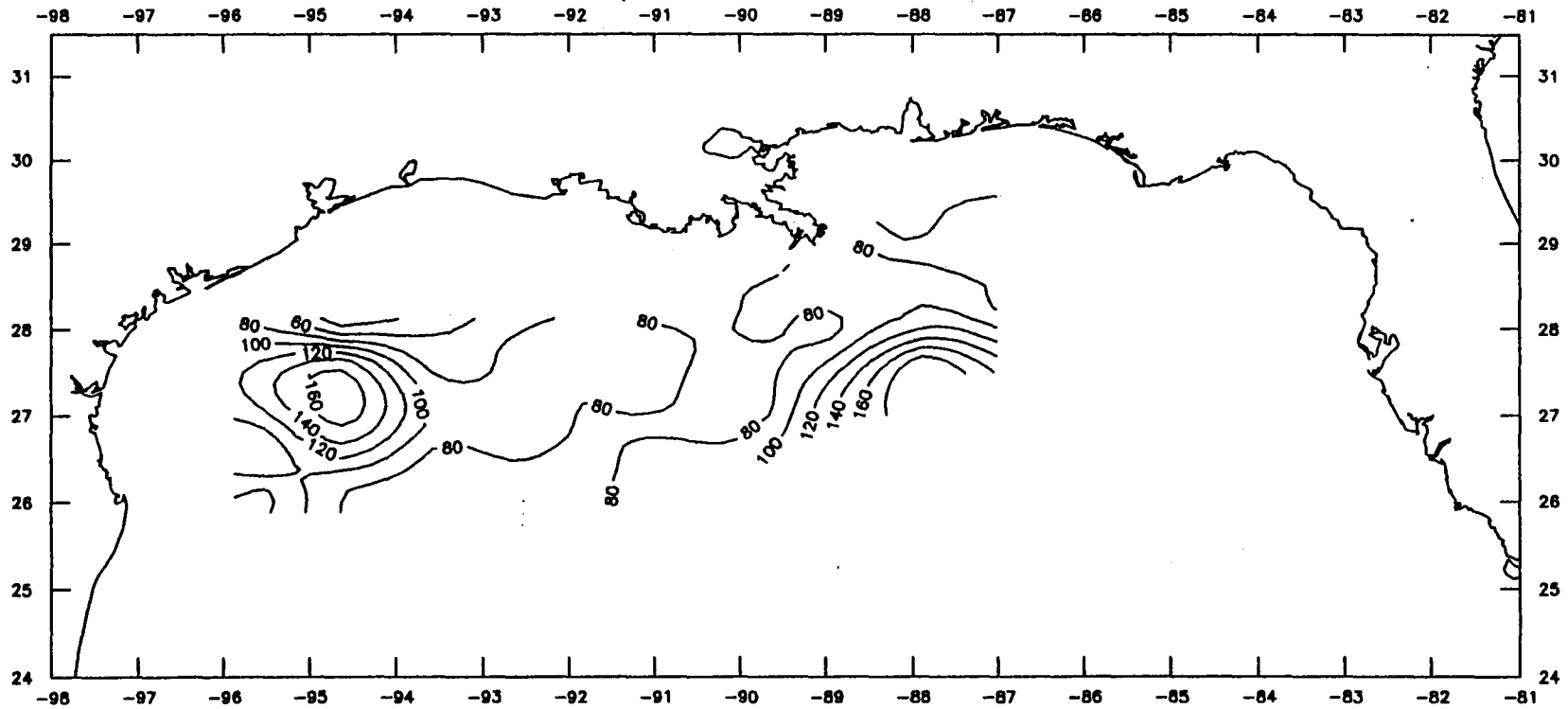
Oregon II Cruise 204a

Depth of 15 °C Isotherm



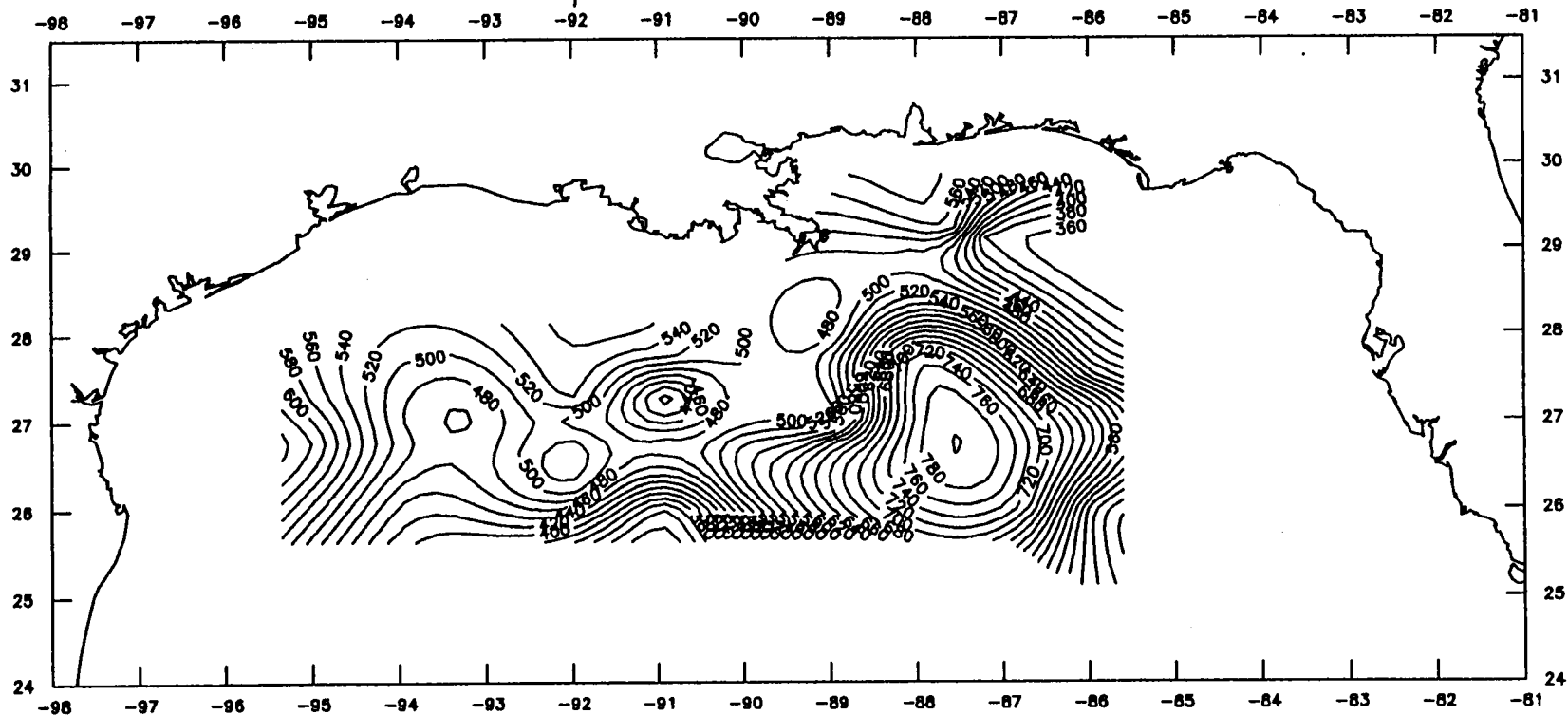
Oregon II Cruise 204a

Depth 20° Isotherm



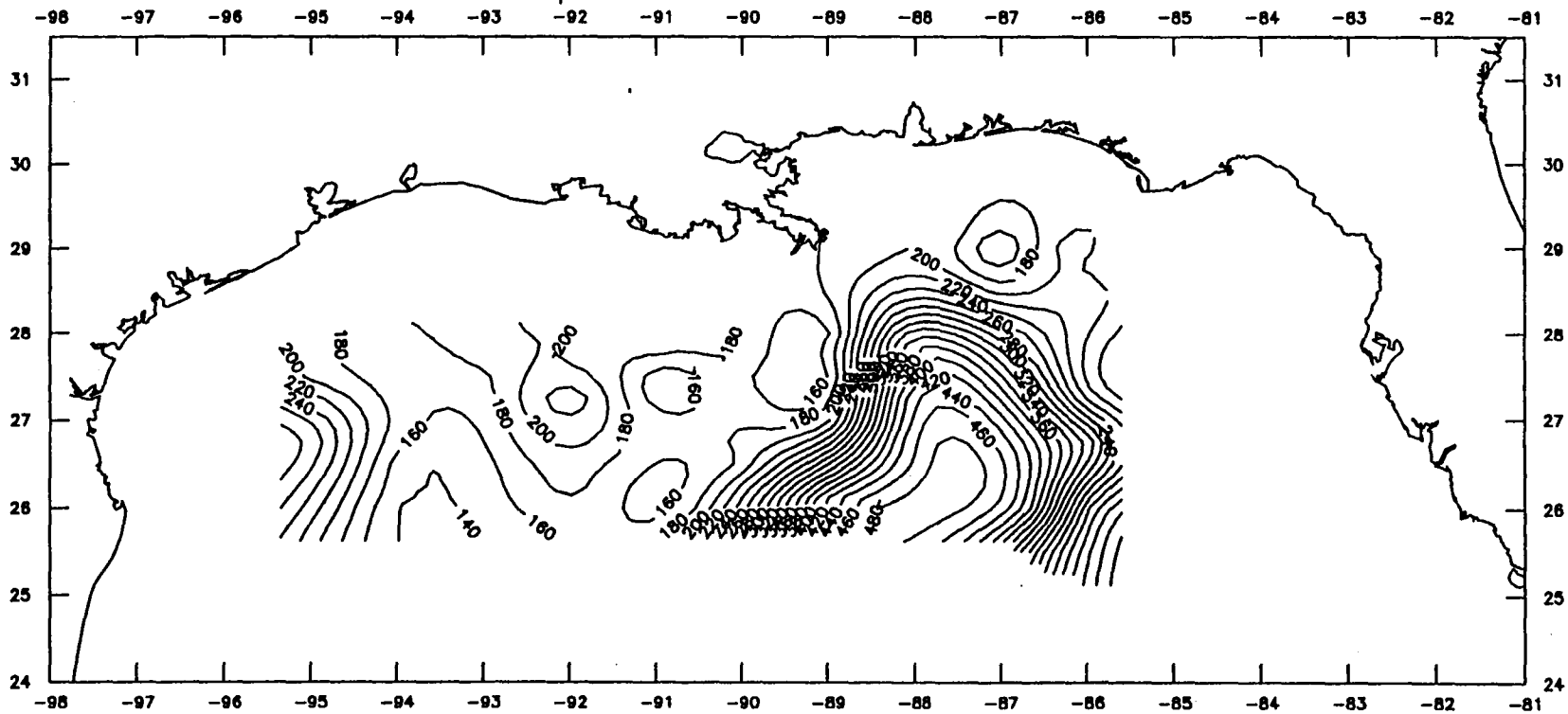
Oregon II Cruise 204b

Depth of 8 °C Isotherm



Oregon II Cruise 204b

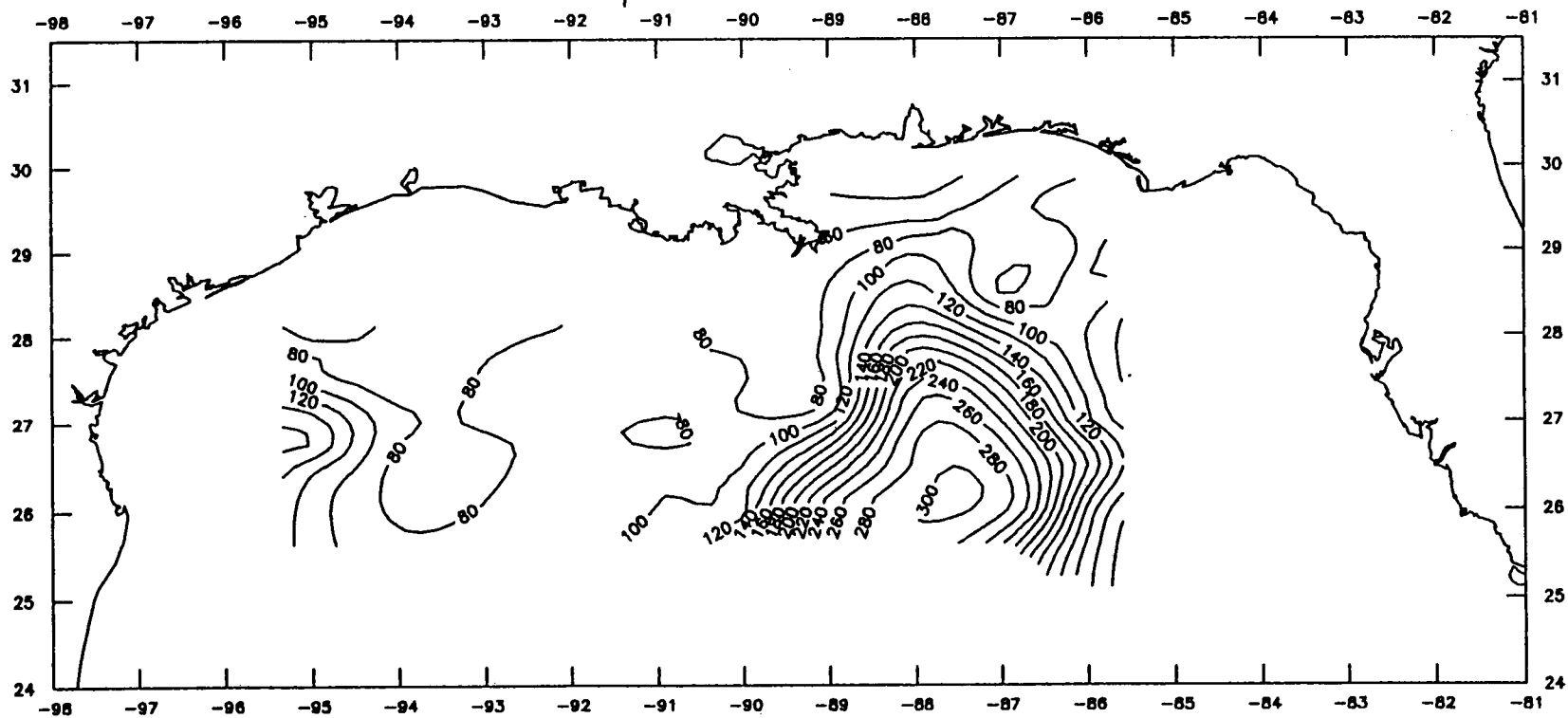
Depth of 15 °C Isotherm



Oregon II Cruise 204b

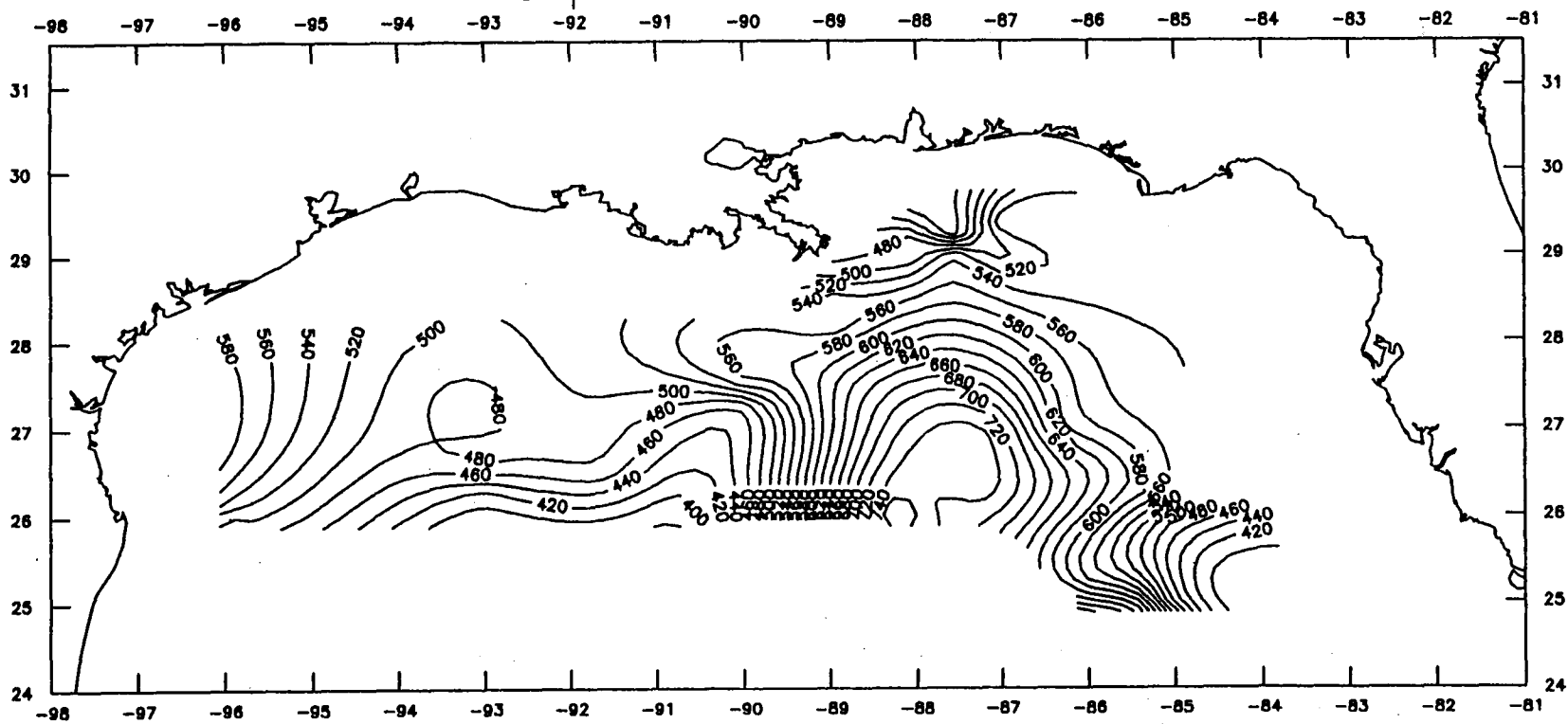
Depth 20° Isotherm

239



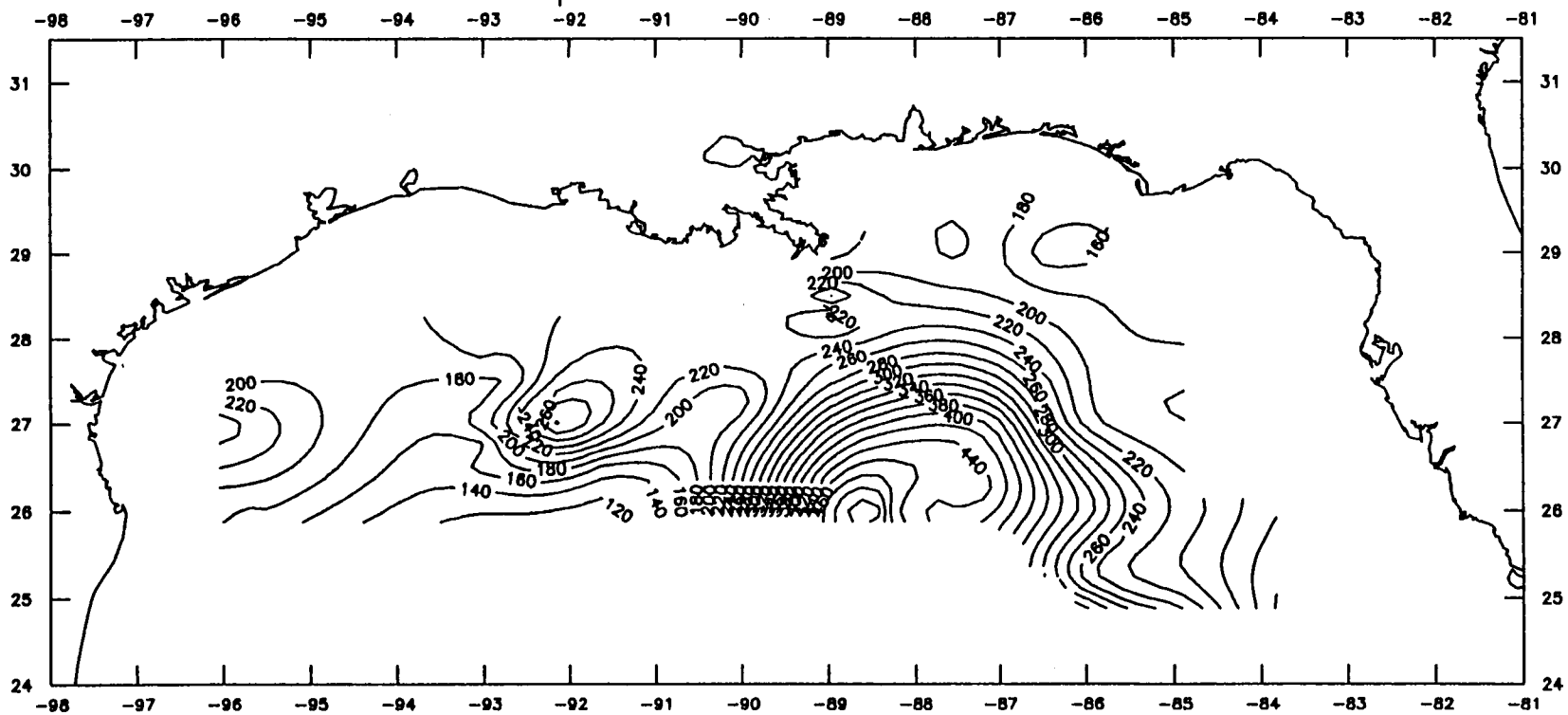
Oregon II Cruise 204c

Depth of 8 °C Isotherm



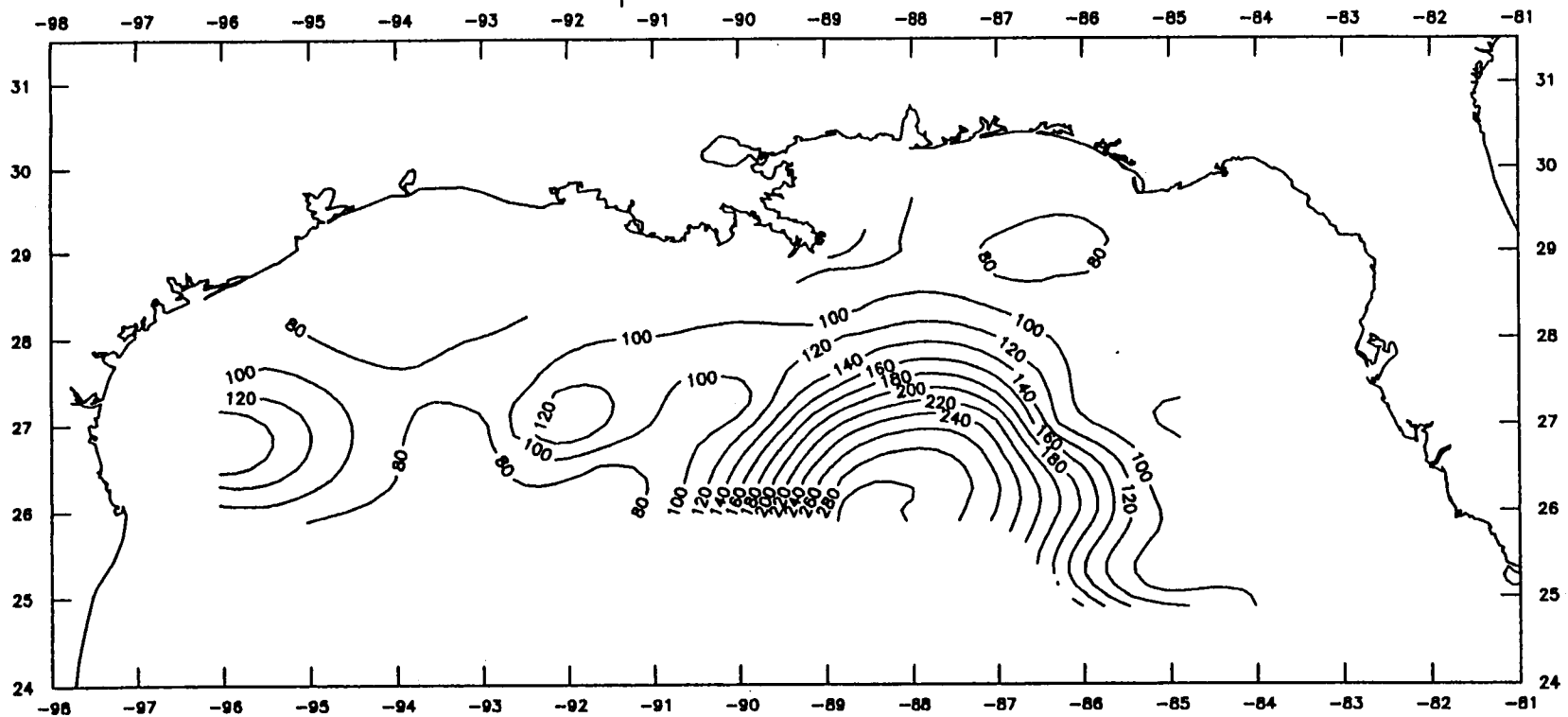
Oregon II Cruise 204c

Depth of 15 °C Isotherm



Oregon II Cruise 204c

Depth 20° Isotherm



2.4 Cruise 209: 12 April-10 June 1994

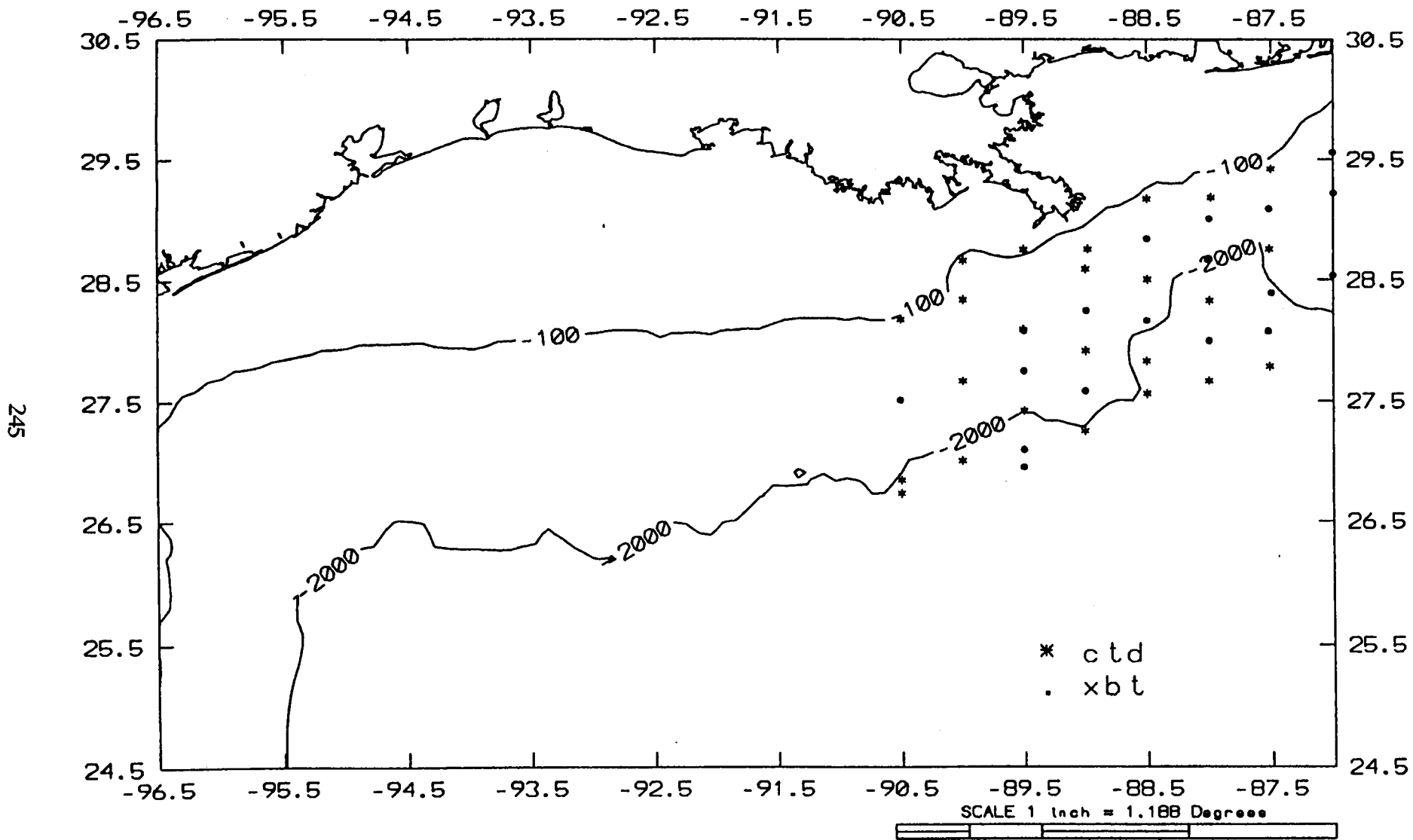
NMFS-SEFSC Hydrographic Cruise Personnel

Cruise 209

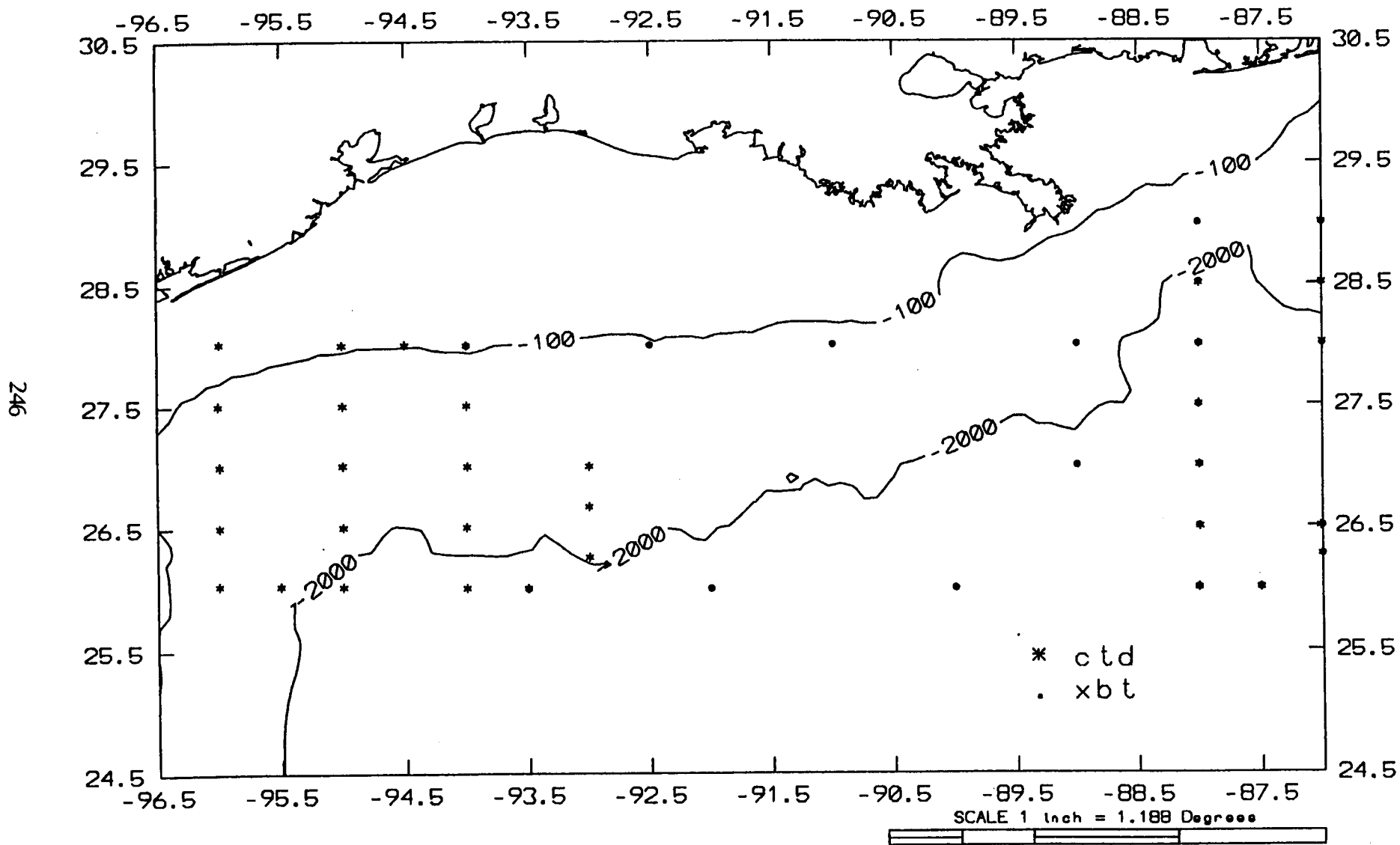
Alonzo Hamilton
Perry Thompson
Eva Kargard
Denice Drass

Stations Occupied

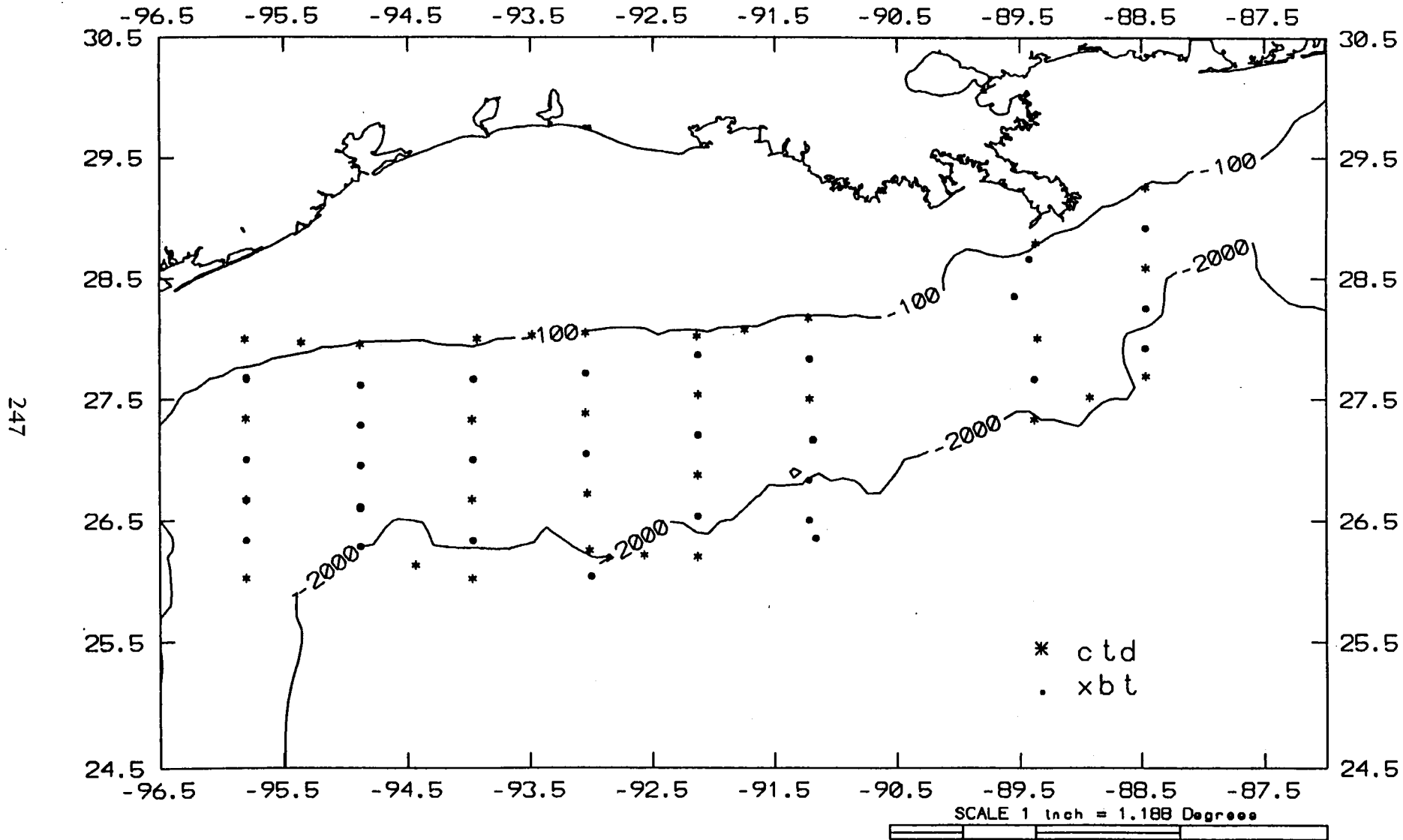
OREGON II Cruise 209 Leg 1



OREGON II Cruise 209 Leg 2



OREGON II Cruise 209 Leg 4



XBT Data

Cruise: 209 Drop #: 1 Probe Type: T-06
Latitude: 27° 30.42' N Longitude: 90° 30.48' W Date: 16-Apr-94 Time: 1117

Depth m Temp. (°C)

0	24.19
10	24.26
20	24.00
30	23.34
50	21.75
75	20.16
100	19.34
125	18.86
150	17.35
200	15.35
250	13.99
300	12.39
400	10.22

Cruise: 209 Drop #: 5 Probe Type: T-10
Latitude: 28° 04.98' N Longitude: 89° 30.00' W Date: 18-Apr-94 Time: 0954

Depth (m) Temp. (°C)

0	22.91
10	22.87
20	23.29
30	23.15
50	22.54
75	21.13
100	19.83
125	18.99
150	18.64
200	16.67

Cruise: 209 Drop #: 6 Probe Type: T-05
Latitude: 27° 45.00' N Longitude: 89° 30.12' W Date: 18-Apr-94 Time: 1218

Depth (m) Temp. (°C)

0	23.68
10	23.09
20	23.50
30	22.71
50	21.98
75	20.63
100	19.93
125	19.57
150	18.69
200	17.01
250	15.88
300	14.45
400	11.56
500	9.71
600	8.14
700	7.00
800	6.21
900	5.64
1000	5.34

Cruise: 209 Drop #: 7 Probe Type: T-05
Latitude: 27° 05.52' N Longitude: 89° 30.00' W Date: 18-Apr-94 Time: 1725

Depth (m) Temp. (°C)

0	24.78
10	24.45
20	24.30
30	23.86
50	20.44
75	20.38
100	19.80
125	17.83
150	16.70
200	15.02
250	13.41
300	12.06
400	9.98
500	8.48
600	7.27
700	6.53
800	5.87
900	5.39
1000	5.09

Cruise: 209 Drop #: 8 Probe Type: T-07
Latitude: 26° 56.70' N Longitude: 89° 30.12' W Date: 18-Apr-94 Time: 1921

Depth (m) Temp. (°C)

0	24.03
10	23.98
20	23.70
30	23.19
50	21.96
75	20.62
100	18.62
125	16.89
150	15.77
200	14.11
250	12.22
300	11.08
400	9.27
500	7.89
600	6.73
700	5.99

Cruise: 209 Drop #: 10 Probe Type: T-05
Latitude: 27° 34.98' N Longitude: 89° 00.00' W Date: 19-Apr-94 Time: 0848

Depth (m) Temp. (°C)

0	25.28
10	24.99
20	24.87
30	24.64
50	22.19
75	21.71
100	20.59
125	18.82
150	17.01

Cruise: 209 Drop #: 11 Probe Type: T-07
Latitude: 28° 15.00' N Longitude: 88° 59.58' W Date: 19-Apr-94 Time: 1424

Depth (m) Temp. (°C)

0	23.45
10	23.13
20	23.22
30	22.97
50	22.54
75	21.61
100	20.51
125	19.62
150	18.60
200	16.04
250	13.79
300	12.32
400	9.59
500	7.56
600	6.71
700	6.14

Cruise: 209 Drop #: 12 Probe Type: T-07
Latitude: 28° 49.98' N Longitude: 88° 30.00' W Date: 20-Apr-94 Time: 0744

Depth (m) Temp. (°C)

0	22.19
10	22.03
20	21.40
30	19.96
50	19.30
75	18.37
100	18.12
125	17.24
150	16.15
200	13.93
250	13.36
300	12.43
400	9.48
500	7.84
600	6.90
700	6.04

Cruise: 209 Drop #: 13 Probe Type: T-07
Latitude: 28° 10.02' N Longitude: 88° 30.12' W Date: 20-Apr-94 Time: 1330

Depth (m) Temp. (°C)

0	24.80
10	24.22
20	23.04
30	22.94
50	21.85
75	20.00
100	19.36
125	18.49
150	17.14
200	15.16
250	13.44
300	12.28
400	10.39
500	8.44
600	7.29
700	6.39

Cruise: 209 Drop #: 14 Probe Type: T-05
Latitude: 28° 00.00' N Longitude: 88° 00.00' W Date: 21-Apr-94 Time: 0 755

Depth (m) Temp. (°C)

0	25.16
10	24.85
20	24.81
30	24.02
50	21.21
75	19.67
100	19.37
125	17.88
150	17.19
200	15.29
250	13.94
300	12.54
400	10.49
500	8.90
600	7.45
700	6.50
800	5.97
900	5.60
1000	5.43

Cruise: 209 Drop #: 15 Probe Type: T-07
Latitude: 28° 39.78' N Longitude: 88° 00.72' W Date: 21-Apr-94 Time: 1412

Depth (m) Temp. (°C)

0	22.78
10	23.29
20	22.43
30	21.71
50	20.32
75	19.55
100	17.75
125	17.32
150	15.79
200	13.57
250	12.07
300	11.52
400	9.74
500	9.22
600	7.12
700	6.19

Cruise: 209 Drop #: 16 Probe Type: T-07
Latitude: 28° 59.88' N Longitude: 88° 00.00' W Date: 21-Apr-94 Time: 1713

Depth (m) Temp. (°C)

0	23.35
10	22.56
20	20.23
30	19.98
50	19.21
75	18.75
100	17.95
125	16.99
150	16.02
200	14.28
250	12.74
300	11.24
400	9.33
500	7.75
600	6.34
700	5.74

Cruise: 209 Drop #: 17 Probe Type: T-05
Latitude: 29° 04.98' N Longitude: 87° 31.02' W Date: 22-Apr-94 Time: 0744

Depth (m) Temp. (°C)

0	22.99
10	22.83
20	22.95
30	21.87
50	20.67
75	19.67
100	19.68
125	18.35
150	16.83
200	14.95
250	13.44
300	12.25
400	10.10
500	9.59
600	7.19
700	6.33
800	5.69
900	5.34
1000	4.97

Cruise: 209 Drop #: 18 Probe Type: T-07
Latitude: 28° 23.58' N Longitude: 87° 29.82' W Date: 22-Apr-94 Time: 1301

Depth (m) Temp. (°C)

0	23.65
10	23.08
20	23.07
30	23.11
50	22.42
75	20.67
100	19.65
125	19.22
150	17.69
200	15.43
250	13.66
300	12.21
400	9.50
500	7.76
600	6.73
700	5.96

Cruise: 209 Drop #: 19 Probe Type: T-07
Latitude: 28° 04.80' N Longitude: 87° 31.32' W Date: 22-Apr-94 Time: 1617

Depth (m) Temp. (°C)

0	23.92
10	24.10
20	22.44
30	21.40
50	20.39
75	19.04
100	17.95
125	17.53
150	17.70
200	15.08
250	13.52
300	12.27
400	10.13
500	9.53
600	7.24
700	6.37

Cruise: 209 Drop #: 20 Probe Type: T-07
Latitude: 28° 31.98' N Longitude: 87° 00.00' W Date: 23-Apr-94 Time: 0802

Depth (m) Temp. (°C)

0	24.52
10	24.44
20	24.27
30	23.07
50	22.25
75	20.51
100	18.93
125	18.15
150	17.04
200	15.26
250	13.41
300	12.29
400	10.27
500	9.39
600	7.16
700	6.30

Cruise: 209 Drop #: 21 Probe Type: T-07
Latitude: 29° 13.02' N Longitude: 87° 00.00' W Date: 23-Apr-94 Time: 1304

Depth (m) Temp. (°C)

0	22.92
10	22.50
20	21.53
30	20.30
50	19.31
75	18.93
100	18.24
125	17.86
150	16.88
200	14.86
250	13.26
300	12.04
400	10.04
500	9.09
600	6.91
700	6.11

Cruise: 209 Drop #: 22 Probe Type: T-04
Latitude: 29° 33.48' N Longitude: 87° 00.18' W Date: 23-Apr-94 Time: 1526

Depth (m) Temp. (°C)

0	23.74
10	23.72
20	23.64
30	23.06
50	21.19
75	19.41
100	18.71
125	17.79
150	17.21
200	15.55
250	14.39
300	13.68

Cruise: 209 Drop #: 25 Probe Type: T-07
Latitude: 29° 00.00' N Longitude: 86° 00.00' W Date: 28-Apr-94 Time: 0830

Depth (m) Temp. (°C)

0	24.43
10	24.33
20	23.79
30	22.96
50	21.37
75	19.73
100	18.83
125	18.32
150	17.29
200	15.67

Cruise: 209 Drop #: 26 Probe Type: T-07
Latitude: 28° 30.12' N Longitude: 85° 30.00' W Date: 28-Apr-94 Time: 1315

Depth (m) Temp. (°C)

0	25.37
10	25.01
20	23.88
30	22.97
50	21.79
75	20.26
100	19.22
125	18.80
150	17.73

Cruise: 209 Drop #: 27 Probe Type: T-07
Latitude: 28° 00.48' N Longitude: 85° 00.30' W Date: 28-Apr-94 Time: 1702

Depth (m) Temp. (°C)

0	25.19
10	25.16
20	23.68
30	23.02
50	21.71
75	19.92
100	19.01
125	18.42
150	17.61
200	15.78
250	14.85

Cruise: 209 Drop #: 28 Probe Type: T-06
Latitude: 27° 30.48' N Longitude: 85° 00.00' W Date: 28-Apr-94 Time: 2029

Depth (m) Temp. (°C)

0	25.13
10	25.24
20	24.81
30	23.61
50	21.87
75	20.53
100	19.55
125	18.72
150	17.57
200	15.44
250	13.80
300	12.54

Cruise: 209 Drop #: 29 Probe Type: T-07
Latitude: 27° 00.00' N Longitude: 85° 00.00' W Date: 29-Apr-94 Time: 0000

Depth (m) Temp. (°C)

0	26.49
10	26.79
20	26.74
30	26.71
50	23.86
75	20.81
100	19.15
125	18.76
150	17.46
200	15.17
250	13.69
300	12.33
400	10.05
500	9.21
600	6.82
700	5.86

Cruise: 209 Drop #: 30 Probe Type: T-05
Latitude: 26° 31.38' N Longitude: 85° 00.00' W Date: 29-Apr-94 Time: 0331

Depth (m) Temp. (°C)

0	26.67
10	26.63
20	26.47
30	25.66
50	22.86
75	21.10
100	18.63
125	17.28
150	16.41
200	15.40
250	13.91
300	12.71
400	10.23
500	9.41
600	7.06
700	6.26
800	5.85
900	5.47
1000	5.16

Cruise: 209 Drop #: 31 Probe Type: T-05
Latitude: 26° 00.00' N Longitude: 85° 00.00' W Date: 29-Apr-94 Time: 0705

Depth (m) Temp. (°C)

0	26.08
10	26.10
20	25.87
30	24.16
50	21.92
75	20.59
100	18.75
125	17.90
150	16.81
200	14.76
250	13.43
300	12.04
400	9.78
500	9.20
600	7.02
700	6.21
800	5.61
900	5.25
1000	4.96

Cruise: 209 Drop #: 32 Probe Type: T-04
Latitude: 26° 00.12' N Longitude: 84° 30.12' W Date: 29-Apr-94 Time: 1202

Depth (m) Temp. (°C)

0	25.84
10	25.71
20	24.17
30	23.05
50	22.09
75	20.99
100	20.21
125	19.26
150	17.70
200	15.48

Cruise: 209 Drop #: 33 Probe Type: T-10
Latitude: 26° 00.18' N Longitude: 84° 00.48' W Date: 29-Apr-94 Time: 1523

Depth (m) Temp. (°C)

0	26.60
10	26.66
20	26.50
30	25.26
50	22.84
75	22.00
100	21.88
125	20.47

Cruise: 209 Drop #: 34 Probe Type: T-10
Latitude: 25° 30.00' N Longitude: 84° 00.00' W Date: 29-Apr-94 Time: 2013

Depth (m) Temp. (°C)

0	26.84
10	27.00
20	27.01
30	25.98
50	24.01
75	22.26
100	20.86
125	20.49

Cruise: 209 Drop #: 35 Probe Type: T-10
Latitude: 25° 00.00' N Longitude: 84° 00.00' W Date: 30-Apr-94 Time: 0004

Depth (m) Temp. (°C)

0	26.47
10	26.56
20	26.54
30	25.62
50	23.15
75	21.18
100	20.36

Cruise: 209 Drop #: 36 Probe Type: T-05
Latitude: 24° 31.50' N Longitude: 83° 59.88' W Date: 30-Apr-94 Time: 0351

Depth (m) Temp. (°C)

0	26.04
10	25.90
20	24.73
30	23.57
50	21.62
75	19.29
100	18.21
125	17.32
150	15.94
200	13.99
250	12.20
300	10.48
400	8.47
500	7.16
600	6.29
700	5.75
800	5.36
900	5.02
1000	4.69

Cruise: 209 Drop #: 37 Probe Type: T-07
Latitude: 24° 30.00' N Longitude: 84° 30.00' W Date: 30-Apr-94 Time: 0646

Depth (m) Temp. (°C)

0	25.49
10	25.72
20	23.71
30	23.23
50	21.82
75	20.38
100	18.89
125	15.92
150	13.76
200	11.97
250	10.04
300	8.70
400	7.09
500	6.41
600	5.84
700	5.41

Cruise: 209 Drop #: 38 Probe Type: T-07
Latitude: 24° 29.58' N Longitude: 85° 00.00' W Date: 30-Apr-94 Time: 1105

Depth (m) Temp. (°C)

0	26.11
10	26.01
20	25.96
30	25.84
50	23.21
75	22.51
100	20.57
125	18.77
150	17.09
200	13.99
250	12.19
300	11.01
400	9.16
500	7.87
600	6.93
700	6.03

Cruise: 209 Drop #: 39 Probe Type: T-10
Latitude: 24° 30.60' N Longitude: 85° 05.82' W Date: 30-Apr-94 Time: 1217

Depth (m) Temp. (°C)

0	27.04
10	27.00
20	26.88
30	26.05
50	24.38
75	22.34
100	20.65
125	19.65
150	17.87
200	15.47

Cruise: 209 Drop #: 40 Probe Type: T-10
Latitude: 24° 31.68' N Longitude: 85° 11.22' W Date: 30-Apr-94 Time: 1249

Depth (m) Temp. (°C)

0	27.35
10	27.41
20	27.37
30	27.36
50	25.90
75	23.18
100	22.44
125	19.98
150	18.18
200	16.05

Cruise: 209 Drop #: 41 Probe Type: T-10
Latitude: 24° 33.30' N Longitude: 85° 16.80' W Date: 30-Apr-94 Time: 1322

Depth (m) Temp. (°C)

0	27.39
10	27.45
20	27.36
30	27.34
50	26.80
75	25.14
100	23.24
125	20.76
150	19.58
200	17.24

Cruise: 209 Drop #: 42 Probe Type: T-10
Latitude: 24° 26.88' N Longitude: 85° 00.78' W Date: 30-Apr-94 Time: 1508

Depth (m) Temp. (°C)

0	26.89
10	26.88
20	26.02
30	24.98
50	23.18
75	21.30
100	20.00
125	18.48
150	16.71
200	14.23

Cruise: 209 Drop #: 43 Probe Type: T-10
Latitude: 24° 24.90' N Longitude: 84° 55.92' W Date: 30-Apr-94 Time: 1534

Depth (m) Temp. (°C)

0	25.94
10	25.81
20	25.07
30	23.24
50	22.22
75	20.83
100	19.61
125	17.43
150	16.30
200	14.35

Cruise: 209 Drop #: 44 Probe Type: T-10
Latitude: 24° 22.62' N Longitude: 84° 51.18' W Date: 30-Apr-94 Time: 1559

Depth (m) Temp. (°C)

0	25.91
10	25.78
20	25.36
30	24.32
50	22.67
75	21.22
100	19.66
125	17.75
150	16.21
200	14.00

Cruise: 209 Drop #: 45 Probe Type: T-10
Latitude: 24° 20.28' N Longitude: 84° 46.20' W Date: 30-Apr-94 Time: 1625

Depth (m) Temp. (°C)

0	25.89
10	25.90
20	25.76
30	25.12
50	22.77
75	21.14
100	19.34
125	17.46
150	16.06
200	13.14

Cruise: 209 Drop #: 46 Probe Type: T-10
Latitude: 24° 18.00' N Longitude: 84° 40.92' W Date: 30-Apr-94 Time: 1654

Depth (m) Temp. (°C)

0	25.89
10	25.88
20	25.55
30	24.68
50	22.98
75	21.26
100	19.56
125	17.55
150	15.50
200	12.49

Cruise: 209 Drop #: 47 Probe Type: T-07
Latitude: 24° 16.02' N Longitude: 84° 35.88' W Date: 30-Apr-94 Time: 1736

Depth (m) Temp. (°C)

0	26.05
10	25.99
20	25.80
30	24.31
50	23.01
75	21.35
100	19.48
125	16.79
150	14.42
200	12.36
250	10.29
300	8.16
400	7.19
500	6.23
600	5.77
700	5.33

Cruise: 209 Drop #: 48 Probe Type: T-07
Latitude: 25° 00.00' N Longitude: 85° 00.18' W Date: 1-May-94 Time: 1136

Depth (m) Temp. (°C)

0	26.12
10	25.72
20	25.41
30	23.66
50	21.85
75	19.63
100	18.38
125	17.07
150	15.89
200	14.50
250	12.60
300	10.71
400	9.56
500	9.10
600	7.01
700	6.20

Cruise: 209 Drop #: 49 Probe Type: T-07
Latitude: 25° 00.00' N Longitude: 86° 00.00' W Date: 1-May-94 Time: 1935

Depth (m) Temp. (°C)

0	27.38
10	27.52
20	27.42
30	27.38
50	27.34
75	26.35
100	25.66
125	24.94
150	23.57
200	20.45
250	18.72
300	17.51
400	14.41
500	12.00
600	9.48
700	7.99

Cruise: 209 Drop #: 50 Probe Type: T-07
Latitude: 25° 29.88' N Longitude: 85° 59.70' W Date: 2-May-94 Time: 0106

Depth (m) Temp. (°C)

0	27.42
10	27.64
20	27.63
30	27.62
50	27.24
75	25.42
100	22.73
125	21.71
150	20.76
200	16.75
250	14.66
300	12.70
400	10.56
500	9.87
600	7.38
700	6.39

Cruise: 209 Drop #: 51 Probe Type: T-07
Latitude: 26° 00.00' N Longitude: 86° 00.00' W Date: 2-May-94 Time: 0459

Depth (m) Temp. (°C)

0	26.13
10	26.07
20	26.03
30	25.75
50	22.65
75	20.64
100	19.77
125	18.31
150	16.75
200	14.60
250	13.14
300	11.57
400	9.70
500	9.01
600	6.71
700	5.86

Cruise: 209 Drop #: 52 Probe Type: T-07
Latitude: 26° 29.70' N Longitude: 86° 00.18' W Date: 2-May-94 Time: 1031

Depth (m) Temp. (°C)

0	26.44
10	26.28
20	26.21
30	25.09
50	22.63
75	19.59
100	19.43
125	17.66
150	16.83
200	15.44
250	13.68
300	12.30
400	9.85
500	9.13
600	6.82
700	6.00

Cruise: 209 Drop #: 53 Probe Type: T-07
Latitude: 26° 59.70' N Longitude: 86° 00.30' W Date: 2-May-94 Time: 1414

Depth (m) Temp. (°C)

0	26.35
10	26.34
20	26.21
30	24.37
50	22.26
75	20.50
100	19.23
125	18.21
150	17.26
200	15.15
250	13.64
300	12.28
400	10.33
500	9.74
600	7.56
700	6.40

Cruise: 209 Drop #: 54 Probe Type: T-07
Latitude: 27° 30.00' N Longitude: 86° 00.00' W Date: 2-May-94 Time: 1819

Depth (m) Temp. (°C)

0	26.18
10	26.12
20	26.01
30	24.26
50	21.66
75	20.60
100	19.36
125	18.72
150	18.12
200	15.68
250	13.74
300	12.58
400	10.35
500	9.83
600	7.44
700	6.43

Cruise: 209 Drop #: 55 Probe Type: T-07
Latitude: 28° 00.00' N Longitude: 86° 00.00' W Date: 2-May-94 Time: 2127

Depth (m) Temp. (°C)

0	25.33
10	25.39
20	25.07
30	23.71
50	22.46
75	21.31
100	19.77
125	19.16
150	18.05
200	15.67
250	14.02
300	12.65
400	10.13
500	9.44
600	7.13
700	6.05

Cruise: 209 Drop #: 57 Probe Type: T-07
Latitude: 28° 29.82' N Longitude: 85° 59.52' W Date: 3-May-94 Time: 0153

Depth (m) Temp. (°C)

0	25.05
10	25.04
20	25.03
30	24.13
50	21.80
75	19.99
100	19.30
125	18.31
150	17.61
200	15.56
250	14.09

Cruise: 209 Drop #: 58 Probe Type: T-07
Latitude: 29° 00.00' N Longitude: 86° 30.00' W Date: 3-May-94 Time: 0552

Depth (m) Temp. (°C)

0	25.35
10	25.42
20	24.50
30	23.20
50	21.85
75	19.86
100	18.97
125	18.30
150	17.41
200	15.80
250	13.97
300	12.54

Cruise: 209 Drop #: 59 Probe Type: T-07
Latitude: 29° 00.00' N Longitude: 87° 00.00' W Date: 3-May-94 Time: 0915

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	25.72
10	25.68
20	25.65
30	23.33
50	22.10
75	20.72
100	19.21
125	18.64
150	17.54
200	15.26
250	13.64
300	12.67
400	10.17

Cruise: 209 Drop #: 60 Probe Type: T-07
Latitude: 28° 30.12' N Longitude: 87° 00.30' W Date: 3-May-94 Time: 1416

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	25.93
10	25.75
20	24.93
30	22.93
50	22.27
75	21.13
100	20.08
125	18.47
150	17.08
200	14.95
250	13.35
300	12.05
400	10.10
500	9.44
600	7.11
700	6.17

Cruise: 209 Drop #: 61 Probe Type: T-07
Latitude: 28° 00.00' N Longitude: 87° 00.00' W Date: 3-May-94 Time: 1802

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	25.49
10	25.39
20	25.20
30	22.73
50	20.76
75	19.74
100	18.89
125	17.67
150	16.63
200	14.81
250	13.36
300	12.01
400	9.86
500	9.09
600	7.00
700	6.16

Cruise: 209 Drop #: 62 Probe Type: T-07
Latitude: 27° 30.00' N Longitude: 86° 59.88' W Date: 3-May-94 Time: 2156

Depth (m) Temp. (°C)

0	26.08
10	26.10
20	25.87
30	24.26
50	22.82
75	21.90
100	20.42
125	18.95
150	17.78
200	15.79
250	13.63
300	12.30
400	9.81
500	7.91
600	6.87
700	6.12

Cruise: 209 Drop #: 63 Probe Type: T-07
Latitude: 27° 00.12' N Longitude: 86° 59.70' W Date: 4-May-94 Time: 0122

Depth (m) Temp. (°C)

0	27.42
10	27.52
20	27.49
30	27.09
50	26.73
75	25.42
100	23.18
125	20.58
150	18.92
200	17.61
250	16.12
300	14.35
400	11.57
500	9.73
600	7.98
700	6.56

Cruise: 209 Drop #: 64 Probe Type: T-07
Latitude: 26° 30.00' N Longitude: 87° 00.00' W Date: 4-May-94 Time: 0609

Depth (m) Temp. (°C)

0	27.70
10	27.81
20	27.78
30	27.77
50	27.20
75	26.61
100	25.68
125	24.30
150	22.72
200	20.03
250	18.55
300	16.76
400	13.36
500	10.86
600	8.57
700	7.16

Cruise: 209 Drop #: 65 Probe Type: T-07
Latitude: 26° 16.02' N Longitude: 87° 00.00' W Date: 4-May-94 Time: 0816

Depth (m) Temp. (°C)

0	27.58
10	27.78
20	27.77
30	27.65
50	27.24
75	26.43
100	25.48
125	25.17
150	23.66
200	20.78
250	18.83
300	17.64
400	14.29
500	11.29
600	9.32
700	7.54

Cruise: 209 Drop #: 66 Probe Type: T-07
Latitude: 26° 00.18' N Longitude: 87° 30.12' W Date: 4-May-94 Time: 1258

Depth (m) Temp. (°C)

0	27.99
10	27.87
20	27.80
30	27.77
50	27.66
75	27.19
100	26.45
125	25.55
150	23.48
200	20.69
250	18.93
300	17.43
400	14.94
500	12.04
600	9.68
700	7.77

Cruise: 209 Drop #: 67 Probe Type: T-07
Latitude: 26° 00.18' N Longitude: 88° 00.12' W Date: 4-May-94 Time: 1627

Depth (m) Temp. (°C)

0	28.99
10	27.85
20	27.79
30	27.69
50	27.08
75	26.35
100	24.73
125	22.70
150	20.71
200	18.39
250	16.62
300	15.15
400	12.11
500	9.88
600	7.88
700	6.59

Cruise: 209 Drop #: 68 Probe Type: T-07
Latitude: 26° 30.00' N Longitude: 88° 00.00' W Date: 4-May-94 Time: 2002

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	27.29
10	27.40
20	26.33
30	26.04
50	23.06
75	22.25
100	20.55
125	19.23
150	18.16
200	15.92
250	14.30
300	12.93
400	10.08
500	9.30
600	7.23
700	6.37

Cruise: 209 Drop #: 69 Probe Type: T-07
Latitude: 27° 00.00' N Longitude: 87° 59.82' W Date: 4-May-94 Time: 2314

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	26.18
10	26.28
20	25.36
30	23.08
50	21.90
75	19.98
100	18.78
125	16.83
150	15.83
200	13.68
250	12.32
300	11.16
400	9.19
500	7.77
600	6.77
700	6.08

Cruise: 209 Drop #: 71 Probe Type: T-07
Latitude: 27° 29.88' N Longitude: 88° 00.18' W Date: 5-May-94 Time: 0349

Depth (m) Temp. (°C)

0	25.18
10	25.27
20	23.67
30	22.06
50	20.65
75	18.80
100	18.65
125	17.44
150	16.13
200	14.25
250	12.72
300	11.47
400	9.41
500	9.07
600	6.85
700	5.99

Cruise: 209 Drop #: 72 Probe Type: T-07
Latitude: 28° 00.00' N Longitude: 88° 00.00' W Date: 5-May-94 Time: 0704

Depth (m) Temp. (°C)

0	26.05
10	29.63
20	32.01
30	32.44
50	32.39
75	32.36
100	32.09
125	31.67
150	30.36
200	28.29
250	26.28
300	24.40
400	21.32
500	18.99
600	17.37
700	16.15

Cruise: 209 Drop #: 73 Probe Type: T-07
Latitude: 28° 30.72' N Longitude: 87° 59.88' W Date: 5-May-94 Time: 1115

Depth (m) Temp. (°C)

0	25.00
10	24.76
20	22.66
30	22.18
50	20.12
75	19.46
100	18.27
125	17.11
150	16.25
200	14.03
250	12.30
300	11.16
400	9.19
500	7.63
600	6.82
700	6.16

Cruise: 209 Drop #: 74 Probe Type: T-07
Latitude: 29° 00.12' N Longitude: 88° 00.18' W Date: 5-May-94 Time: 1424

Depth (m) Temp. (°C)

0	25.07
10	24.63
20	23.12
30	20.65
50	19.70
75	18.73
100	17.72
125	16.70
150	15.60
200	14.06
250	12.34
300	10.84
400	8.73
500	7.33
600	6.66
700	5.91

Cruise: 209 Drop #: 75 Probe Type: T-07
Latitude: 28° 00.00' N Longitude: 89° 00.00' W Date: 6-May-94 Time: 0642

Depth (m) Temp. (°C)

0	25.64
10	25.69
20	25.63
30	24.36
50	22.30
75	20.19
100	18.70
125	17.30
150	16.01
200	14.31
250	12.65
300	11.57
400	9.40
500	7.97
600	6.75
700	6.04

Cruise: 209 Drop #: 76 Probe Type: T-07
Latitude: 27° 00.00' N Longitude: 89° 00.00' W Date: 6-May-94 Time: 1608

Depth (m) Temp. (°C)

0	26.30
10	26.07
20	25.89
30	24.74
50	23.10
75	20.71
100	18.96
125	16.81
150	14.96
200	12.79
250	11.08
300	9.16
400	7.41
500	6.27
600	5.76
700	5.27

Cruise: 209 Drop #: 77 Probe Type: T-07
Latitude: 26° 00.00' N Longitude: 90° 00.00' W Date: 7-May-94 Time: 0637

Depth (m) Temp. (°C)

0	25.87
10	25.89
20	25.80
30	23.26
50	22.24
75	20.29
100	19.06
125	17.28
150	15.99
200	14.06
250	12.63
300	11.41
400	9.28
500	7.83
600	6.72
700	5.95

Cruise: 209 Drop #: 78 Probe Type: T-10
Latitude: 28° 00.00' N Longitude: 91° 00.00' W Date: 8-May-94 Time: 0609

Depth (m) Temp. (°C)

0	25.24
10	25.42
20	25.15
30	23.87
50	22.53
75	20.76
100	19.50
125	18.92
150	17.36

Cruise: 209 Drop #: 79 Probe Type: T-07
Latitude: 26° 00.00' N Longitude: 92° 00.00' W Date: 9-May-94 Time: 0837

Depth (m) Temp. (°C)

0	25.97
10	25.70
20	24.81
30	22.92
50	21.57
75	20.04
100	18.72
125	17.38
150	16.17
200	13.96
250	12.84
300	11.35
400	9.18
500	7.59
600	6.70
700	5.94

Cruise: 209 Drop #: 80 Probe Type: T-10
Latitude: 28° 00.00' N Longitude: 92° 30.00' W Date: 10-May-94 Time: 0611

Depth (m) Temp. (°C)

0	25.56
10	25.53
20	24.86
30	23.76
50	22.38
75	20.32
100	19.97

Cruise: 209 Drop #: 81 Probe Type: T-07
Latitude: 26° 00.00' N Longitude: 93° 30.00' W Date: 11-May-94 Time: 0732

Depth (m) Temp. (°C)

0	26.10
10	25.58
20	24.35
30	21.98
50	21.38
75	19.72
100	17.67
125	16.03
150	14.94
200	13.23
250	11.88
300	10.76
400	8.88
500	7.58
600	6.66
700	5.96

Cruise: 209 Drop #: 82 Probe Type: T-10
Latitude: 28° 00.00' N Longitude: 94° 00.00' W Date: 12-May-94 Time: 0608

Depth (m) Temp. (°C)

0	25.73
10	25.67
20	23.88
30	22.67
50	21.14

Cruise: 209 Drop #: 83 Probe Type: T-10
Latitude: 24° 44.70' N Longitude: 82° 43.02' W Date: 21-May-94 Time: 0000

Depth (m) Temp. (°C)

0	27.35
10	27.49
20	27.25
30	24.11

Cruise: 209 Drop #: 84 Probe Type: T-10
Latitude: 24° 55.32' N Longitude: 83° 00.18' W Date: 21-May-94 Time: 0309

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	26.68
10	27.14
20	26.47
30	23.41
50	21.55

Cruise: 209 Drop #: 85 Probe Type: T-10
Latitude: 24° 43.98' N Longitude: 82° 59.82' W Date: 21-May-94 Time: 0558

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	27.20
10	27.42
20	26.35
30	24.96

Cruise: 209 Drop #: 86 Probe Type: T-10
Latitude: 24° 45.00' N Longitude: 83° 04.98' W Date: 21-May-94 Time: 0811

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	27.03
10	27.08
20	27.06
30	24.66
50	22.04

Cruise: 209 Drop #: 87 Probe Type: T-10
Latitude: 24° 45.30' N Longitude: 83° 10.38' W Date: 21-May-94 Time: 1041

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	27.03
10	27.11
20	25.64
30	23.72
50	21.79

Cruise: 209 Drop #: 88 Probe Type: T-07
Latitude: 24° 15.00' N Longitude: 82° 59.82' W Date: 21-May-94 Time: 1943

Depth (m) Temp. (°C)

0	26.90
10	27.47
20	27.49
30	27.25
50	23.32
75	20.78
100	19.11
125	17.60
150	15.48
200	13.26
250	11.54
300	10.06
400	8.76
500	7.38

Cruise: 209 Drop #: 89 Probe Type: T-07
Latitude: 24° 15.30' N Longitude: 82° 59.88' W Date: 21-May-94 Time: 2324

Depth (m) Temp. (°C)

0	26.73
10	27.46
20	27.43
30	26.21
50	23.64
75	21.05
100	18.92
125	17.10
150	15.32
200	13.34
250	11.61
300	10.17
400	8.83
500	7.51

Cruise: 209 Drop #: 90 Probe Type: T-06
Latitude: 24° 20.22' N Longitude: 82° 59.58' W Date: 22-May-94 Time: 0052

Depth (m) Temp. (°C)

0	26.31
10	27.32
20	27.30
30	25.59
50	23.00
75	20.20
100	18.45
125	16.04
150	15.17
200	13.73

Cruise: 209 Drop #: 91 Probe Type: T-10
Latitude: 24° 25.08' N Longitude: 82° 59.70' W Date: 22-May-94 Time: 0152

Depth (m) Temp. (°C)

0	26.93
10	27.14
20	27.14
30	25.34
50	21.67
75	20.43

Cruise: 209 Drop #: 92 Probe Type: T-10
Latitude: 24° 29.88' N Longitude: 82° 59.58' W Date: 22-May-94 Time: 0310

Depth (m) Temp. (°C)

0	26.86
10	27.04
20	27.04

Cruise: 209 Drop #: 93 Probe Type: T-10
Latitude: 24° 29.52' N Longitude: 82° 45.12' W Date: 22-May-94 Time: 0501

Depth (m) Temp. (°C)

0	27.08
10	27.21

Cruise: 209 Drop #: 94 Probe Type: T-10
Latitude: 24° 25.02' N Longitude: 82° 45.00' W Date: 22-May-94 Time: 0547

Depth (m) Temp. (°C)

0	27.04
10	27.26
20	27.16
30	25.31

Cruise: 209 Drop #: 95 Probe Type: T-10
Latitude: 24° 19.98' N Longitude: 82° 45.00' W Date: 22-May-94 Time: 0712

Depth (m) Temp. (°C)

0	27.07
10	27.22
20	27.22
30	25.97
50	23.14
75	21.40
100	19.13
125	16.54

Cruise: 209 Drop #: 96 Probe Type: T-07
Latitude: 24° 15.00' N Longitude: 82° 45.00' W Date: 22-May-94 Time: 0858

Depth (m) Temp. (°C)

0	26.64
10	27.43
20	27.41
30	27.36
50	23.92
75	22.00
100	20.34
125	18.43
150	16.51
200	13.48
250	11.17
300	10.32
400	9.00

Cruise: 209 Drop #: 97 Probe Type: T-10
Latitude: 24° 33.60' N Longitude: 82° 46.80' W Date: 22-May-94 Time: 1301

Depth (m) Temp. (°C)

0	27.28
10	27.40
20	27.39

Cruise: 209 Drop #: 98 Probe Type: T-10
Latitude: 24° 26.22' N Longitude: 82° 12.42' W Date: 22-May-94 Time: 1737

Depth (m) Temp. (°C)

0	26.03
10	26.45
20	26.37
30	25.10
50	21.60

Cruise: 209 Drop #: 99 Probe Type: T-10
Latitude: 24° 21.48' N Longitude: 82° 11.52' W Date: 22-May-94 Time: 2114

Depth (m) Temp. (°C)

0	26.51
10	27.15
20	27.15
30	27.16
50	23.75
75	20.32
100	17.96
125	12.02
150	11.11

Cruise: 209 Drop #: 100 Probe Type: T-06
Latitude: 24° 16.50' N Longitude: 81° 11.52' W Date: 22-May-94 Time: 2206

Depth (m) Temp. (°C)

0	26.92
10	27.26
20	27.26
30	27.24
50	24.51
75	21.30
100	18.62
125	16.59
150	15.06
200	13.32

Cruise: 209 Drop #: 101 Probe Type: T-07
Latitude: 24° 11.52' N Longitude: 82° 11.52' W Date: 22-May-94 Time: 2245

Depth (m) Temp. (°C)

0	26.82
10	27.45
20	27.44
30	27.45
50	26.11
75	22.73
100	20.59
125	19.42
150	17.76
200	14.93
250	13.05
300	11.45
400	9.50
500	9.10
600	7.01

Cruise: 209 Drop #: 102 Probe Type: T-06
Latitude: 24° 19.38' N Longitude: 81° 59.88' W Date: 23-May-94 Time: 0022

Depth (m) Temp. (°C)

0	26.74
10	27.15
20	27.15
30	27.13
50	23.99
75	20.80
100	18.38
125	15.72
150	14.11
200	11.50

Cruise: 209 Drop #: 103 Probe Type: T-06
Latitude: 24° 26.88' N Longitude: 81° 47.22' W Date: 23-May-94 Time: 0216

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	26.98
10	27.67
20	27.61
30	27.33

Cruise: 209 Drop #: 104 Probe Type: T-06
Latitude: 24° 24.30' N Longitude: 81° 47.88' W Date: 23-May-94 Time: 0241

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	26.97
10	27.27
20	27.27
30	27.21
50	23.93
75	19.33
100	12.48

Cruise: 209 Drop #: 106 Probe Type: T-06
Latitude: 24° 21.78' N Longitude: 81° 47.88' W Date: 23-May-94 Time: 0306

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	26.40
10	27.08
20	27.07
30	27.07
50	24.03
75	20.50
100	17.50
125	13.79
150	12.04

Cruise: 209 Drop #: 107 Probe Type: T-06
Latitude: 24° 19.32' N Longitude: 81° 47.88' W Date: 23-May-94 Time: 0325

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	26.63
10	27.12
20	27.12
30	27.12
50	23.71
75	20.77
100	17.83
125	15.22
150	13.81

Cruise: 209 Drop #: 108 Probe Type: T-06
Latitude: 24° 16.80' N Longitude: 81° 47.88' W Date: 23-May-94 Time: 0356

Depth (m) Temp. (°C)

0	26.66
10	27.23
20	27.25
30	27.26
50	25.08
75	21.94
100	19.80
125	17.77
150	16.02
200	13.04

Cruise: 209 Drop #: 109 Probe Type: T-07
Latitude: 24° 14.28' N Longitude: 81° 47.88' W Date: 23-May-94 Time: 0428

Depth (m) Temp. (°C)

0	26.84
10	27.20
20	27.19
30	27.09
50	25.67
75	23.06
100	20.89
125	18.99
150	17.01
200	14.33
250	12.80
300	11.34
400	10.00
500	9.65

Cruise: 209 Drop #: 110 Probe Type: T-07
Latitude: 24° 11.82' N Longitude: 81° 47.88' W Date: 23-May-94 Time: 0449

Depth (m) Temp. (°C)

0	26.11
10	27.50
20	27.51
30	27.50
50	27.44
75	25.19
100	22.25
125	20.84
150	18.93
200	15.86
250	13.96
300	12.39
400	10.23
500	9.59
600	7.26

Cruise: 209 Drop #: 111 Probe Type: T-06
Latitude: 24° 17.40' N Longitude: 81° 38.52' W Date: 23-May-94 Time: 0610

Depth (m)	Temp. (°C)
0	26.82
10	27.17
20	27.16
30	27.18
50	24.84
75	21.49
100	19.28
125	17.37
150	15.52
200	12.79

Cruise: 209 Drop #: 112 Probe Type: T-06
Latitude: 24° 22.98' N Longitude: 81° 29.52' W Date: 23-May-94 Time: 0715

Depth (m)	Temp. (°C)
0	26.66
10	27.10
20	27.12
30	26.50
50	23.34
75	20.25
100	16.91
125	14.39

Cruise: 209 Drop #: 113 Probe Type: T-06
Latitude: 24° 27.72' N Longitude: 81° 21.48' W Date: 23-May-94 Time: 0825

Depth (m)	Temp. (°C)
0	26.80
10	27.46
20	27.40
30	27.13
50	25.00
75	14.97

Cruise: 209 Drop #: 114 Probe Type: T-06
Latitude: 24° 27.72' N Longitude: 81° 21.48' W Date: 23-May-94 Time: 0830

Depth (m)	Temp. (°C)
0	26.87
10	27.42
20	27.37
30	27.10
50	24.53
75	14.82

Cruise: 209 Drop #: 115 Probe Type: T-06
Latitude: 24° 32.58' N Longitude: 81° 13.32' W Date: 23-May-94 Time: 0939

Depth (m) Temp. (°C)

0	27.32
10	27.53
20	27.47
30	27.30
50	26.05
75	13.81

Cruise: 209 Drop #: 116 Probe Type: T-06
Latitude: 24° 36.72' N Longitude: 81° 05.82' W Date: 23-May-94 Time: 1052

Depth (m) Temp. (°C)

0	27.08
10	27.32
20	27.30
30	27.21

Cruise: 209 Drop #: 117 Probe Type: T-06
Latitude: 24° 35.22' N Longitude: 81° 04.92' W Date: 23-May-94 Time: 1105

Depth (m) Temp. (°C)

0	27.01
10	27.26
20	27.14
30	25.86
50	23.96

Cruise: 209 Drop #: 118 Probe Type: T-06
Latitude: 24° 33.18' N Longitude: 81° 03.72' W Date: 23-May-94 Time: 1121

Depth (m) Temp. (°C)

0	27.01
10	27.40
20	27.24
30	27.23
50	24.44
75	12.55

Cruise: 209 Drop #: 119 Probe Type: T-06
Latitude: 24° 30.90' N Longitude: 81° 01.92' W Date: 23-May-94 Time: 1139

Depth (m) Temp. (°C)

0	27.11
10	27.28
20	27.18
30	26.77
50	24.57

Cruise: 209 Drop #: 120 Probe Type: T-06
Latitude: 24° 28.68' N Longitude: 81° 00.60' W Date: 23-May-94 Time: 1157

Depth (m) Temp. (°C)

0	27.23
10	27.30
20	27.22
30	27.14
50	24.68
75	19.77
100	13.25

Cruise: 209 Drop #: 121 Probe Type: T-06
Latitude: 24° 26.22' N Longitude: 80° 58.68' W Date: 23-May-94 Time: 1218

Depth (m) Temp. (°C)

0	27.52
10	27.40
20	27.30
30	27.13
50	23.98
75	21.05
100	18.69
125	16.51

Cruise: 209 Drop #: 122 Probe Type: T-06
Latitude: 24° 24.48' N Longitude: 80° 57.48' W Date: 23-May-94 Time: 1232

Depth (m) Temp. (°C)

0	26.87
10	27.20
20	27.03
30	26.99
50	25.30
75	22.63
100	20.23
125	18.62
150	16.75

Cruise: 209 Drop #: 123 Probe Type: T-06
Latitude: 24° 22.02' N Longitude: 80° 56.22' W Date: 23-May-94 Time: 1252

Depth (m) Temp. (°C)

0	27.29
10	27.37
20	27.22
30	27.19
50	25.27
75	22.66
100	20.61
125	19.55
150	18.07
200	15.36
250	12.84

Cruise: 209 Drop #: 124 Probe Type: T-06
Latitude: 24° 20.22' N Longitude: 80° 54.60' W Date: 23-May-94 Time: 1308

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	27.39
10	27.37
20	27.21
30	26.56
50	24.50
75	22.31
100	20.23
125	19.43
150	17.78
200	15.67
250	14.14

Cruise: 209 Drop #: 125 Probe Type: T-07
Latitude: 24° 15.72' N Longitude: 80° 51.60' W Date: 23-May-94 Time: 1346

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	27.47
10	27.53
20	27.43
30	27.39
50	26.35
75	23.90
100	22.18
125	21.02
150	19.66
200	17.35
250	14.71
300	13.35
400	10.62
500	6.82

Cruise: 209 Drop #: 126 Probe Type: T-07
Latitude: 24° 10.98' N Longitude: 81° 13.32' W Date: 23-May-94 Time: 1802

<u>Depth (m)</u>	<u>Temp. (°C)</u>
0	27.45
10	27.75
20	27.72
30	27.69
50	27.13
75	25.92
100	23.11
125	20.47
150	19.51
200	17.09
250	14.56
300	12.63
400	10.13
500	9.38
600	6.68

Cruise: 209 Drop #: 127 Probe Type: T-07
Latitude: 24° 13.02' N Longitude: 81° 14.52' W Date: 23-May-94 Time: 1826

Depth (m) Temp. (°C)

0	27.38
10	27.72
20	27.70
30	27.65
50	27.12
75	25.02
100	22.41
125	20.49
150	19.22
200	16.17
250	14.07
300	12.13
400	9.53
500	9.02

Cruise: 209 Drop #: 128 Probe Type: T-07
Latitude: 24° 15.48' N Longitude: 81° 15.48' W Date: 23-May-94 Time: 1846

Depth (m) Temp. (°C)

0	27.27
10	27.67
20	27.50
30	27.43
50	26.03
75	23.78
100	20.71
125	19.80
150	18.20
200	15.51
250	13.69
300	11.31

Cruise: 209 Drop #: 129 Probe Type: T-06
Latitude: 24° 17.70' N Longitude: 81° 16.50' W Date: 23-May-94 Time: 1906

Depth (m) Temp. (°C)

0	27.15
10	27.35
20	27.31
30	27.29
50	25.30
75	22.35
100	20.99
125	18.83
150	16.93
200	14.79

Cruise: 209 Drop #: 130 Probe Type: T-06
Latitude: 24° 19.98' N Longitude: 81° 17.82' W Date: 23-May-94 Time: 1930

Depth (m) Temp. (°C)

0	26.81
10	27.37
20	27.29
30	26.93
50	24.52
75	21.77
100	19.74
125	17.23
150	15.40

Cruise: 209 Drop #: 131 Probe Type: T-06
Latitude: 24° 22.02' N Longitude: 81° 19.02' W Date: 23-May-94 Time: 1946

Depth (m) Temp. (°C)

0	27.07
10	27.37
20	27.36
30	27.26
50	24.35
75	21.52
100	18.68
125	16.61
150	14.24

Cruise: 209 Drop #: 132 Probe Type: T-06
Latitude: 24° 24.42' N Longitude: 81° 19.68' W Date: 23-May-94 Time: 2006

Depth (m) Temp. (°C)

0	26.24
10	27.22
20	27.09
30	27.01
50	23.35
75	19.97
100	15.88
125	13.65

Cruise: 209 Drop #: 133 Probe Type: T-06
Latitude: 24° 26.58' N Longitude: 81° 21.00' W Date: 23-May-94 Time: 2029

Depth (m) Temp. (°C)

0	26.76
10	27.15
20	27.13
30	27.00
50	22.67
75	15.12

Cruise: 209 Drop #: 134 Probe Type: T-06
Latitude: 24° 28.98' N Longitude: 81° 22.02' W Date: 23-May-94 Time: 2056

Depth (m) Temp. (°C)

0	26.40
10	27.02
20	26.99
30	26.51
50	24.38
75	11.32

Cruise: 209 Drop #: 135 Probe Type: T-06
Latitude: 24° 29.52' N Longitude: 81° 21.78' W Date: 24-May-94 Time: 0021

Depth (m) Temp. (°C)

0	26.75
10	27.26
20	27.20
30	27.11
50	24.82

Cruise: 209 Drop #: 136 Probe Type: T-06
Latitude: 24° 28.08' N Longitude: 81° 20.88' W Date: 24-May-94 Time: 0343

Depth (m) Temp. (°C)

0	26.74
10	27.06
20	26.95
30	26.85
50	24.38

Cruise: 209 Drop #: 137 Probe Type: T-06
Latitude: 24° 19.98' N Longitude: 81° 17.82' W Date: 24-May-94 Time: 1359

Depth (m) Temp. (°C)

0	27.00
10	27.09
20	27.02
30	26.98
50	26.32
75	22.30
100	19.57
125	16.20
150	15.02

Cruise: 209 Drop #: 138 Probe Type: T-06
Latitude: 24° 22.08' N Longitude: 81° 18.48' W Date: 24-May-94 Time: 1417

Depth (m) Temp. (°C)

0	26.89
10	27.13
20	27.05
30	27.04
50	26.63
75	22.35
100	19.15
125	15.34

Cruise: 209 Drop #: 139 Probe Type: T-06
Latitude: 24° 25.08' N Longitude: 81° 20.28' W Date: 24-May-94 Time: 1446

Depth (m) Temp. (°C)

0	26.74
10	26.82
20	26.61
30	26.56
50	26.27
75	23.32
100	18.08

Cruise: 209 Drop #: 140 Probe Type: T-06
Latitude: 24° 26.70' N Longitude: 81° 21.00' W Date: 24-May-94 Time: 1459

Depth (m) Temp. (°C)

0	27.38
10	27.18
20	27.09
30	26.99
50	26.35
75	25.17
100	19.50

Cruise: 209 Drop #: 141 Probe Type: T-06
Latitude: 24° 28.98' N Longitude: 81° 22.08' W Date: 24-May-94 Time: 1515

Depth (m) Temp. (°C)

0	27.56
10	27.44
20	27.28
30	27.21
50	27.16
75	25.38
100	14.03

Cruise: 209 Drop #: 142 Probe Type: T-06
Latitude: 24° 30.78' N Longitude: 81° 22.80' W Date: 24-May-94 Time: 1530

Depth (m) Temp. (°C)

0	27.42
10	27.41
20	27.35
30	27.25
50	26.92
75	24.59

Cruise: 209 Drop #: 143 Probe Type: T-06
Latitude: 24° 31.68' N Longitude: 81° 23.22' W Date: 24-May-94 Time: 1537

Depth (m) Temp. (°C)

0	27.44
10	27.46
20	27.42
30	27.41
50	26.94

Cruise: 209 Drop #: 144 Probe Type: T-06
Latitude: 24° 19.50' N Longitude: 81° 17.28' W Date: 24-May-94 Time: 1731

Depth (m) Temp. (°C)

0	27.34
10	27.22
20	27.11
30	27.08
50	26.90
75	24.46
100	21.96
125	20.39
150	18.18
200	13.31

Cruise: 209 Drop #: 145 Probe Type: T-06
Latitude: 24° 22.02' N Longitude: 81° 19.02' W Date: 24-May-94 Time: 2005

Depth (m) Temp. (°C)

0	27.25
10	27.32
20	27.05
30	27.01
50	25.63
75	23.14
100	20.68
125	17.54
150	13.98

Cruise: 209 Drop #: 146 Probe Type: T-06
Latitude: 24° 24.42' N Longitude: 81° 19.68' W Date: 24-May-94 Time: 2134

Depth (m) Temp. (°C)

0	27.06
10	27.18
20	27.10
30	27.07
50	26.91
75	24.22
100	20.57
125	13.81

Cruise: 209 Drop #: 147 Probe Type: T-06
Latitude: 24° 26.52' N Longitude: 81° 21.00' W Date: 24-May-94 Time: 2314

Depth (m) Temp. (°C)

0	26.99
10	27.03
20	27.05
30	27.04
50	26.95
75	25.80
100	14.48

Cruise: 209 Drop #: 148 Probe Type: T-06
Latitude: 24° 28.98' N Longitude: 81° 22.02' W Date: 25-May-94 Time: 0041

Depth (m) Temp. (°C)

0	27.26
10	27.30
20	27.26
30	27.28
50	27.12
75	25.13
100	12.27

Cruise: 209 Drop #: 149 Probe Type: T-06
Latitude: 24° 30.60' N Longitude: 81° 22.80' W Date: 25-May-94 Time: 0212

Depth (m) Temp. (°C)

0	26.84
10	27.37
20	27.34
30	27.13
50	27.02
75	25.93

Cruise: 209 Drop #: 150 Probe Type: T-06
Latitude: 24° 31.62' N Longitude: 81° 22.80' W Date: 25-May-94 Time: 0319

Depth (m)	Temp. (°C)
0	27.14
10	27.41
20	27.41
30	27.00
50	26.91

Cruise: 209 Drop #: 151 Probe Type: T-06
Latitude: 24° 31.20' N Longitude: 81° 15.78' W Date: 25-May-94 Time: 0638

Depth (m)	Temp. (°C)
0	26.76
10	27.22
20	27.21
30	26.98
50	26.80
75	24.04

Cruise: 209 Drop #: 152 Probe Type: T-06
Latitude: 24° 28.62' N Longitude: 81° 15.78' W Date: 25-May-94 Time: 0823

Depth (m)	Temp. (°C)
0	26.74
10	26.93
20	26.92
30	26.93
50	26.92
75	23.95
100	14.28

Cruise: 209 Drop #: 153 Probe Type: T-06
Latitude: 24° 25.98' N Longitude: 81° 15.72' W Date: 25-May-94 Time: 1052

Depth (m)	Temp. (°C)
0	27.04
10	26.86
20	26.81
30	26.61
50	25.99
75	21.92
100	14.36

Cruise: 209 Drop #: 154 Probe Type: T-06
Latitude: 24° 31.02' N Longitude: 81° 21.78' W Date: 25-May-94 Time: 1334

Depth (m)	Temp. (°C)
0	27.68
10	27.54
20	27.46
30	27.33
50	26.99
75	24.50

Cruise: 209 Drop #: 155 Probe Type: T-06
Latitude: 24° 28.50' N Longitude: 81° 22.02' W Date: 25-May-94 Time: 1441

Depth (m) Temp. (°C)

0	27.28
10	27.32
20	27.22
30	27.11
50	26.91
75	23.43

Cruise: 209 Drop #: 156 Probe Type: T-06
Latitude: 24° 25.98' N Longitude: 81° 22.02' W Date: 25-May-94 Time: 1609

Depth (m) Temp. (°C)

0	27.20
10	27.11
20	26.99
30	26.97
50	26.95
75	25.00
100	14.24

Cruise: 209 Drop #: 157 Probe Type: T-06
Latitude: 24° 31.20' N Longitude: 81° 28.68' W Date: 25-May-94 Time: 1805

Depth (m) Temp. (°C)

0	27.54
10	27.55
20	27.36
30	27.28

Cruise: 209 Drop #: 158 Probe Type: T-06
Latitude: 24° 28.62' N Longitude: 81° 28.68' W Date: 25-May-94 Time: 1904

Depth (m) Temp. (°C)

0	27.36
10	27.75
20	27.47
30	27.35
50	27.07
75	26.69

Cruise: 209 Drop #: 159 Probe Type: T-06
Latitude: 24° 25.98' N Longitude: 81° 28.68' W Date: 25-May-94 Time: 2035

Depth (m) Temp. (°C)

0	27.31
10	27.49
20	27.47
30	27.24
50	27.12
75	25.80
100	15.63

Cruise: 209 Drop #: 160 Probe Type: T-07
Latitude: 26° 19.98' N Longitude: 95° 48.00' W Date: 1-Jun-94 Time: 0704

Depth (m) Temp. (°C)

0	27.92
10	27.59
20	27.28
30	26.91
50	23.52
75	22.45
100	21.15
125	19.66
150	18.19
200	16.19
250	16.40
300	14.44
400	11.82
500	9.60
600	7.86
700	6.66

Cruise: 209 Drop #: 161 Probe Type: T-07
Latitude: 26° 40.02' N Longitude: 95° 48.00' W Date: 1-Jun-94 Time: 0904

Depth (m) Temp. (°C)

0	27.52
10	27.19
20	26.39
30	24.07
50	22.66
75	20.88
100	18.48
125	17.35
150	15.76
200	15.01
250	12.92
300	11.83
400	10.05
500	9.30

Cruise: 209 Drop #: 162 Probe Type: T-07
Latitude: 27° 00.00' N Longitude: 95° 47.88' W Date: 1-Jun-94 Time: 1126

Depth (m) Temp. (°C)

0	27.38
10	27.26
20	24.82
30	23.17
50	21.70
75	19.40
100	18.10
125	16.78
150	15.41
200	13.25
250	11.85
300	11.32
400	9.31
500	7.82
600	6.91
700	6.17

Cruise: 209 Drop #: 163 Probe Type: T-04
Latitude: 27° 39.90' N Longitude: 95° 47.88' W Date: 1-Jun-94 Time: 1606

Depth (m) Temp. (°C)

0	28.27
10	25.56
20	24.28
30	22.33
50	20.66

Cruise: 209 Drop #: 164 Probe Type: T-10
Latitude: 27° 40.80' N Longitude: 95° 48.00' W Date: 1-Jun-94 Time: 1611

Depth (m) Temp. (°C)

0	28.44
10	25.17
20	23.66
30	21.99
50	20.79
75	19.72
100	19.29

Cruise: 209 Drop #: 165 Probe Type: T-07
Latitude: 27° 37.02' N Longitude: 94° 52.98' W Date: 2-Jun-94 Time: 0824

Depth (m) Temp. (°C)

0	27.01
10	26.95
20	23.54
30	21.95
50	21.25
75	20.31
100	19.63
125	18.45
150	17.17
200	14.81
250	13.29
300	12.12
400	10.01
500	9.20
600	6.82

Cruise: 209 Drop #: 166 Probe Type: T-07
Latitude: 27° 17.10' N Longitude: 94° 52.92' W Date: 2-Jun-94 Time: 1121

Depth (m) Temp. (°C)

0	26.72
10	26.86
20	26.10
30	24.22
50	21.74
75	19.99
100	19.32
125	18.64
150	17.61
200	15.54
250	13.73
300	12.03
400	10.20
500	9.41
600	7.28
700	6.29

Cruise: 209 Drop #: 167 Probe Type: T-07
Latitude: 26° 57.18' N Longitude: 94° 52.92' W Date: 2-Jun-94 Time: 1401

Depth (m) Temp. (°C)

0	26.90
10	26.90
20	26.17
30	23.87
50	21.56
75	20.49
100	18.71
125	17.28
150	16.29
200	14.63
250	12.86
300	11.59
400	9.53
500	9.11
600	6.99
700	6.15

Cruise: 209 Drop #: 168 Probe Type: T-05
Latitude: 26° 36.90' N Longitude: 94° 53.10' W Date: 2-Jun-94 Time: 1713

Depth (m) Temp. (°C)

0	26.71
10	26.83
20	25.74
30	23.51
50	21.75
75	20.51
100	19.02
125	17.58
150	16.56
200	14.52
250	12.83
300	11.92
400	9.76
500	9.19

Cruise: 209 Drop #: 169 Probe Type: T-07
Latitude: 26° 35.70' N Longitude: 94° 53.10' W Date: 2-Jun-94 Time: 1726

Depth (m) Temp. (°C)

0	27.46
10	26.27
20	24.76
30	22.92
50	21.48
75	20.06
100	18.83
125	17.17
150	16.05
200	14.13
250	12.50
300	11.27
400	9.21
500	7.67
600	6.76
700	5.99

Cruise: 209 Drop #: 170 Probe Type: T-07
Latitude: 26° 16.98' N Longitude: 94° 52.98' W Date: 2-Jun-94 Time: 1921

Depth (m) Temp. (°C)

0	27.19
10	26.86
20	26.10
30	23.55
50	21.53
75	20.06
100	18.78
125	17.32
150	15.59
200	14.05
250	12.78
300	11.66
400	9.66
500	7.91
600	7.13
700	6.17

Cruise: 209 Drop #: 171 Probe Type: T-07
Latitude: 26° 19.98' N Longitude: 93° 58.02' W Date: 3-Jun-94 Time: 0705

Depth (m) Temp. (°C)

0	26.94
10	27.13
20	26.25
30	23.60
50	21.25
75	19.95
100	17.62
125	15.53
150	14.35
200	12.42
250	11.00
300	9.95
400	8.24
500	7.02
600	6.17
700	5.53

Cruise: 209 Drop #: 172 Probe Type: T-07
Latitude: 27° 00.00' N Longitude: 93° 58.02' W Date: 3-Jun-94 Time: 1122

Depth (m) Temp. (°C)

0	27.62
10	27.14
20	26.59
30	25.36
50	22.78
75	20.68
100	19.06
125	17.89
150	16.55
200	14.74
250	12.79
300	11.56
400	9.60
500	7.92
600	7.35
700	6.64

Cruise: 209
Latitude: 27° 40.02' N

Drop #: 173
Longitude: 93° 57.72' W

Probe Type: T-07
Date: 3-Jun-94 Time: 1613

Depth (m) Temp. (°C)

0	27.41
10	26.53
20	25.84
30	24.01
50	21.50
75	19.95
100	19.27
125	18.24
150	16.99
200	14.88
250	13.45
300	11.33
400	9.44
500	9.14
600	7.12

Cruise: 209
Latitude: 27° 43.02' N

Drop #: 174
Longitude: 93° 03.00' W

Probe Type: T-10
Date: 4-Jun-94 Time: 0726

Depth (m) Temp. (°C)

0	26.50
10	26.63
20	24.27
30	23.04
50	21.62
75	20.21
100	19.25
125	18.04
150	17.04

Cruise: 209
Latitude: 27° 03.00' N

Drop #: 175
Longitude: 93° 02.82' W

Probe Type: T-07
Date: 4-Jun-94 Time: 1223

Depth (m) Temp. (°C)

0	27.10
10	26.71
20	26.55
30	26.23
50	22.98
75	20.97
100	19.90
125	19.03
150	17.84
200	15.50
250	13.77
300	12.36
400	10.32
500	9.49
600	7.46
700	6.48

Cruise: 209 Drop #: 176 Probe Type: T-07
Latitude: 26° 02.28' N Longitude: 93° 00.30' W Date: 4-Jun-94 Time: 1734

Depth (m) Temp. (°C)

0	28.26
10	26.82
20	26.43
30	24.33
50	21.78
75	20.07
100	18.96
125	17.66
150	16.43
200	14.50
250	13.51
300	14.98
400	12.99
500	11.29
600	9.60
700	8.48

Cruise: 209 Drop #: 177 Probe Type: T-07
Latitude: 26° 31.98' N Longitude: 92° 07.98' W Date: 5-Jun-94 Time: 0711

Depth (m) Temp. (°C)

0	26.95
10	26.91
20	26.79
30	26.40
50	22.16
75	20.60
100	19.29
125	17.52
150	16.48
200	14.64
250	13.09
300	11.47
400	9.57
500	9.07
600	6.88
700	6.04

Cruise: 209 Drop #: 178 Probe Type: T-07
Latitude: 27° 12.18' N Longitude: 92° 07.92' W Date: 5-Jun-94 Time: 1230

Depth (m) Temp. (°C)

0	27.27
10	26.80
20	26.62
30	26.06
50	23.47
75	21.69
100	20.04
125	19.01
150	18.08
200	16.36
250	14.05
300	12.80
400	10.30
500	9.64
600	7.27
700	6.35

Cruise: 209 Drop #: 179 Probe Type: T-06
Latitude: 27° 51.90' N Longitude: 92° 07.92' W Date: 5-Jun-94 Time: 1 751

Depth (m) Temp. (°C)

0	27.45
10	26.83
20	26.30
30	24.32
50	22.48
75	20.50
100	19.31
125	18.01
150	16.85
200	14.83
250	13.25

Cruise: 209 Drop #: 180 Probe Type: T-06
Latitude: 27° 49.98' N Longitude: 91° 13.02' W Date: 6-Jun-94 Time: 0720

Depth (m) Temp. (°C)

0	26.68
10	26.63
20	26.11
30	24.37
50	22.14
75	20.74
100	19.57
125	18.25
150	17.02
200	15.02
250	13.06
300	11.77

Cruise: 209 Drop #: 181 Probe Type: T-07
Latitude: 27° 10.08' N Longitude: 91° 11.28' W Date: 6-Jun-94 Time: 1248

Depth (m) Temp. (°C)

0	28.22
10	27.22
20	26.73
30	24.53
50	22.59
75	20.92
100	20.05
125	18.61
150	17.17
200	15.53
250	13.89

Cruise: 209 Drop #: 182 Probe Type: T-07
Latitude: 27° 09.72' N Longitude: 91° 11.40' W Date: 6-Jun-94 Time: 1250

Depth (m) Temp. (°C)

0	28.36
10	27.17
20	26.80
30	24.67
50	22.64
75	20.88
100	19.95
125	18.36
150	17.14
200	15.41
250	13.85
300	12.37
400	10.11
500	9.42
600	6.91
700	6.15

Cruise: 209 Drop #: 183 Probe Type: T-07
Latitude: 26° 49.98' N Longitude: 91° 13.20' W Date: 6-Jun-94 Time: 1456

Depth (m) Temp. (°C)

0	27.95
10	27.27
20	27.10
30	26.21
50	22.72
75	20.44
100	19.30
125	17.94
150	16.89
200	14.73
250	13.24
300	11.75
400	9.66
500	9.10
600	6.86
700	6.07

Cruise: 209 Drop #: 184 Probe Type: T-07
Latitude: 26° 30.00' N Longitude: 91° 13.02' W Date: 6-Jun-94 Time: 1817

Depth (m) Temp. (°C)

0	28.59
10	27.50
20	26.89
30	24.65
50	22.56
75	20.62
100	19.22
125	16.98
150	15.44
200	13.15
250	11.38
300	10.12
400	8.39
500	7.16
600	6.27
700	5.61

Cruise: 209 Drop #: 185 Probe Type: T-07
Latitude: 26° 21.00' N Longitude: 91° 10.02' W Date: 6-Jun-94 Time: 1901

Depth (m) Temp. (°C)

0	28.42
10	27.32
20	26.76
30	26.42
50	22.98
75	21.51
100	20.03
125	17.46
150	15.21
200	12.08
250	10.77
300	9.41
400	8.02
500	6.83
600	6.18
700	5.57

Cruise: 209 Drop #: 186 Probe Type: T-07
Latitude: 28° 55.02' N Longitude: 88° 28.02' W Date: 8-Jun-94 Time: 0721

Depth (m) Temp. (°C)

0	27.07
10	26.75
20	25.78
30	25.17
50	21.59
75	19.88
100	18.52
125	17.75
150	16.47
200	14.43
250	13.13
300	11.78
400	9.65
500	9.01
600	7.11
700	6.32

Cruise: 209 Drop #: 187 Probe Type: T-07
Latitude: 28° 14.82' N Longitude: 88° 27.78' W Date: 8-Jun-94 Time: 1250

Depth (m) Temp. (°C)

0	27.85
10	27.39
20	27.27
30	26.18
50	24.60
75	22.37
100	18.91
125	18.31
150	17.61
200	16.30
250	14.55
300	12.89
400	10.46
500	9.40
600	6.87
700	6.19

Cruise: 209 Drop #: 188 Probe Type: T-07
Latitude: 27° 55.32' N Longitude: 88° 28.08' W Date: 8-Jun-94 Time: 1718

Depth (m) Temp. (°C)

0	27.14
10	27.18
20	26.96
30	24.23
50	21.43
75	19.89
100	18.39
125	17.35
150	16.20
200	14.66
250	13.41
300	11.70
400	9.46
500	7.82
600	6.62
700	6.16

Cruise: 209 Drop #: 189 Probe Type: T-07
Latitude: 27° 40.02' N Longitude: 89° 22.98' W Date: 9-Jun-94 Time: 0728

Depth (m) Temp. (°C)

0	27.53
10	27.36
20	26.14
30	25.31
50	23.05
75	21.36
100	18.41
125	16.59
150	15.42
200	13.83
250	12.30
300	11.19
400	9.37
500	9.05
600	6.88
700	6.09

Cruise: 209 Drop #: 190 Probe Type: T-07
Latitude: 28° 20.88' N Longitude: 89° 32.58' W Date: 9-Jun-94 Time: 1318

Depth (m) Temp. (°C)

0	28.30
10	27.25
20	26.35
30	24.79
50	22.00
75	19.82
100	18.56
125	17.83
150	16.77
200	14.82
250	13.02
300	11.91
400	10.19
500	9.56
600	7.41
700	6.54

Cruise: 209 Drop #: 191 Probe Type: T-10
Latitude: 28° 39.48' N Longitude: 89° 25.38' W Date: 9-Jun-94 Time: 1626

Depth (m) Temp. (°C)

0	28.91
10	26.92
20	25.61
30	23.33
50	20.17
75	18.91
100	18.58

CTD Data

Cruise: 209 **Station:** 1 **Date:** 16-Apr-94
Time: 0627 **Latitude:** 28° 10.74 N **Longitude:** 90° 30.21 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.377	
20	23.341	
30	22.703	

Cruise: 209 **Station:** 5 **Date:** 16-Apr-94
Time: 1706 **Latitude:** 26° 50.10 N **Longitude:** 90° 30.02 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.659	
20	22.636	
30	22.351	
250	10.643	
300	9.941	

Cruise: 209 **Station:** 6 **Date:** 16-Apr-94
Time: 1916 **Latitude:** 26° 43.49 N **Longitude:** 90° 30.05 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.795	
20	22.812	
30	22.407	
200	12.236	
250	10.595	
300	9.180	

Cruise: 209 **Station:** 7 **Date:** 17-Apr-94
Time: 0606 **Latitude:** 26° 59.87 N **Longitude:** 90° 00.18 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
75	20.836	
125	16.837	
250	12.444	

Cruise: 209 **Station:** 8 **Date:** 17-Apr-94
Time: 1154 **Latitude:** 27° 40.00 N **Longitude:** 90° 00.00 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.655	
20	23.432	
50	20.921	
75	20.053	
100	19.328	
150	18.209	
200	15.923	
250	14.420	
300	12.850	

Cruise: 209
Time: 1646

Station: 9
Latitude: 28° 20.29 N

Date: 17-Apr-94
Longitude: 89° 59.87 W

Depth (m) Temp. (°C) Salinity (PSU)

10	22.485	
20	22.525	
30	22.427	
50	20.481	
75	19.022	
100	18.476	

Cruise: 209
Time: 1914

Station: 10
Latitude: 28° 39.33 N

Date: 17-Apr-94
Longitude: 89° 59.73 W

Depth (m) Temp. (°C) Salinity (PSU)

10	22.265	
20	23.269	
30	23.133	
50	20.596	
75	19.629	
100	19.226	
125	19.013	
150	19.005	

Cruise: 209
Time: 0559

Station: 11
Latitude: 28° 44.83 N

Date: 18-Apr-94
Longitude: 89° 30.07 W

Depth (m) Temp. (°C) Salinity (PSU)

20	19.367	
30	18.838	
50	18.231	
75	18.581	

Cruise: 209
Time: 1036

Station: 12
Latitude: 28° 05.60 N

Date: 18-Apr-94
Longitude: 89° 30.40 W

Depth (m) Temp. (°C) Salinity (PSU)

10	22.875	
20	23.281	
30	23.053	
50	22.196	
75	20.762	
100	19.445	
125	18.880	
150	17.911	
200	16.101	
300	12.872	

Cruise: 209
Time: 1540

Station: 14
Latitude: 27° 25.11 N

Date: 18-Apr-94
Longitude: 89° 29.98 W

Depth (m) Temp. (°C) Salinity (PSU)

100	19.303	
125	18.527	
150	17.237	
200	15.596	
250	14.003	
300	12.980	

Cruise: 209
Time: 0600

Station: 17
Latitude: 27° 14.86 N

Date: 19-Apr-94
Longitude: 89° 00.26 W

Depth (m) Temp. (°C) Salinity (PSU)

10	24.141	
30	23.984	
50	22.586	
75	20.136	
100	17.829	
125	16.620	
150	15.210	
200	13.388	
250	12.143	
300	10.985	
400	9.079	

Cruise: 209
Time: 1213

Station: 19
Latitude: 27° 55.10 N

Date: 19-Apr-94
Longitude: 88° 59.90 W

Depth (m) Temp. (°C) Salinity (PSU)

10	22.624	
20	22.574	
30	21.927	
50	21.450	
75	20.670	
100	19.876	
125	19.441	
150	17.849	
200	16.409	
250	14.255	
300	12.987	
400	10.351	

Cruise: 209
Time: 1735

Station: 21
Latitude: 28° 35.08 N

Date: 19-Apr-94
Longitude: 88° 59.83 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.025	
20	23.050	
30	22.596	
50	20.706	
75	18.895	
100	18.084	
125	17.524	
150	16.775	
200	14.953	
250	13.619	
300	12.374	
400	10.376	

Cruise: 209
Time: 1938

Station: 22
Latitude: 28° 45.00 N

Date: 19-Apr-94
Longitude: 88° 58.71 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	21.965	
20	21.345	
30	20.528	
50	19.946	
75	18.447	
100	17.688	
125	17.615	
150	16.915	
200	15.459	
250	14.267	
300	12.856	
400	10.308	

Cruise: 209
Time: 0558

Station: 23
Latitude: 29° 09.92 N

Date: 20-Apr-94
Longitude: 88° 30.04 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	21.817	
20	20.531	
30	19.936	
50	19.046	
75	18.512	
100	18.394	
125	18.156	
150	17.759	

Cruise: 209
Time: 1128

Station: 25
Latitude: 28° 29.87 N

Date: 20-Apr-94
Longitude: 88° 29.75 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.144	
20	23.209	
30	22.590	
50	20.536	
75	18.949	
100	18.121	
125	17.894	
150	16.411	
200	14.397	
250	13.183	
300	11.788	
400	9.826	

Cruise: 209
Time: 1647

Station: 27
Latitude: 27° 49.95 N

Date: 20-Apr-94
Longitude: 88° 30.19 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.349	
20	25.276	
50	22.410	
75	20.455	
100	18.921	
125	17.685	
150	16.525	
200	14.633	
250	12.809	
400	9.199	

Cruise: 209
Time: 1902

Station: 28
Latitude: 27° 33.64 N

Date: 20-Apr-94
Longitude: 88° 29.96 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	24.817	
20	24.675	
30	23.759	
50	21.773	
75	19.306	
100	17.347	
125	16.023	
150	14.921	
200	12.906	
250	11.472	
300	10.539	
400	8.532	

Cruise: 209
Time: 0558

Station: 29
Latitude: 27° 40.06 N

Date: 21-Apr-94
Longitude: 88° 00.14 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.459	
20	25.456	
30	24.872	
50	21.281	
75	19.213	
100	17.718	
125	17.085	
150	16.023	
200	14.537	
250	13.313	
400	9.600	

Cruise: 209
Time: 1147

Station: 31
Latitude: 28° 19.90 N

Date: 21-Apr-94
Longitude: 87° 59.80 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.370	
20	22.846	
30	22.746	
50	21.822	
75	20.359	
100	19.385	
125	18.465	
150	17.295	
200	15.080	
300	12.208	
400	10.137	

Cruise: 209
Time: 1935

Station: 34
Latitude: 29° 10.63 N

Date: 21-Apr-94
Longitude: 87° 59.04 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.065	
20	22.745	
30	22.609	
50	20.851	
75	19.648	
100	18.204	
125	17.947	
150	17.082	
200	15.398	
250	13.675	
300	12.573	
400	9.863	

Cruise: 209 **Station:** 35 **Date:** 22-Apr-94
Time: 0555 **Latitude:** 29° 24.94 N **Longitude:** 87° 29.97 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	21.061	
20	20.971	
30	20.224	
50	19.164	
75	18.377	
100	18.385	
125	17.775	
150	17.481	

Cruise: 209 **Station:** 37 **Date:** 22-Apr-94
Time: 1120 **Latitude:** 28° 45.10 N **Longitude:** 87° 30.88 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.274	
20	23.091	
30	22.758	
50	21.730	
75	19.708	
100	18.357	
125	17.577	
150	16.639	
200	14.633	
250	13.116	
300	11.841	
400	9.730	

Cruise: 209 **Station:** 40 **Date:** 22-Apr-94
Time: 1909 **Latitude:** 27° 47.24 N **Longitude:** 87° 30.60 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.862	
20	23.289	
30	22.857	
50	21.178	
75	19.579	
100	19.217	
125	17.217	
150	16.227	
200	14.712	
250	12.830	
300	11.732	
400	9.771	

Cruise: 209
Time: 0556

Station: 41
Latitude: 28° 13.03 N

Date: 23-Apr-94
Longitude: 86° 59.70 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.635	
20	23.312	
30	22.166	
50	20.705	
75	19.299	
100	18.968	
125	17.231	
150	16.258	
200	14.420	
250	13.112	
300	12.069	
400	9.888	

Cruise: 209
Time: 1122

Station: 43
Latitude: 28° 52.96 N

Date: 23-Apr-94
Longitude: 86° 59.90 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	24.201	
20	24.157	
30	22.266	
50	20.378	
75	19.229	
100	19.060	
125	18.653	
150	18.186	
200	16.030	
250	13.946	
300	12.334	
400	10.294	

Cruise: 209
Time: 1925

Station: 46
Latitude: 30° 02.63 N

Date: 23-Apr-94
Longitude: 86° 59.75 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	21.580	
20	20.022	
30	18.830	
50	18.534	

Cruise: 209
Time: 1511

Station: 48
Latitude: 28° 30.05 N

Date: 28-Apr-94
Longitude: 85° 30.01 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	24.908	
50	21.664	
75	20.175	
100	19.174	
125	18.718	
150	17.738	

Cruise: 209 Station: 49 Date: 28-Apr-94
Time: 1906 Latitude: 28° 00.06 N Longitude: 85° 00.03 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.026	
20	23.066	
30	22.789	
50	21.365	
75	19.729	
100	18.860	
150	17.471	
200	15.568	

Cruise: 209 Station: 50 Date: 28-Apr-94
Time: 2242 Latitude: 27° 30.25 N Longitude: 84° 59.97 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.173	
20	24.694	
30	23.245	
50	21.910	
75	20.787	
100	19.673	
125	18.919	
150	17.605	

Cruise: 209 Station: 51 Date: 29-Apr-94
Time: 0155 Latitude: 27° 00.03 N Longitude: 84° 59.95 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.611	
20	26.610	
30	26.595	
75	21.435	
125	18.510	
150	17.401	
200	15.179	
250	13.698	
300	12.382	
400	10.050	

Cruise: 209 Station: 52 Date: 29-Apr-94
Time: 0539 Latitude: 26° 30.07 N Longitude: 85° 00.07 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
30	25.544	
50	22.670	
75	20.876	
100	18.638	
125	17.726	
200	15.025	

Cruise: 209 **Station:** 53 **Date:** 29-Apr-94
Time: 0916 **Latitude:** 26° 00.18 N **Longitude:** 85° 00.04 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.948	
20	25.043	
30	23.073	
50	21.600	
75	20.317	
100	18.618	
125	17.633	
150	16.411	
200	14.333	

Cruise: 209 **Station:** 54 **Date:** 29-Apr-94
Time: 1356 **Latitude:** 26° 00.04 N **Longitude:** 84° 30.05 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.709	
20	24.800	
30	23.089	
50	22.228	
75	21.003	
100	20.198	
125	19.343	
150	17.891	
200	15.575	

Cruise: 209 **Station:** 55 **Date:** 29-Apr-94
Time: 1728 **Latitude:** 26° 00.08 N **Longitude:** 83° 59.95 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.634	
20	26.332	
30	24.537	
50	22.931	
75	22.246	
100	21.852	
125	20.157	

Cruise: 209 **Station:** 56 **Date:** 29-Apr-94
Time: 2211 **Latitude:** 25° 30.09 N **Longitude:** 84° 00.30 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
30	26.100	
50	23.911	
100	20.703	
125	20.300	

Cruise: 209 **Station:** 57 **Date:** 30-Apr-94
Time: 0155 **Latitude:** 25° 00.22 N **Longitude:** 84° 00.00 W

Depth (m) Temp.(°C) Salinity (PSU)

10	26.528	
20	26.528	
30	25.593	
50	23.019	
75	21.205	
100	20.678	
125	19.938	

Cruise: 209 **Station:** 58 **Date:** 30-Apr-94
Time: 0600 **Latitude:** 25° 30.02 N **Longitude:** 83° 59.98 W

Depth (m) Temp.(°C) Salinity (PSU)

10	25.893	
30	22.883	
50	21.559	
75	19.486	
100	18.005	
200	13.692	

Cruise: 209 **Station:** 59 **Date:** 30-Apr-94
Time: 0840 **Latitude:** 24° 30.05 N **Longitude:** 84° 30.20 W

Depth (m) Temp.(°C) Salinity (PSU)

10	25.556	
30	23.162	
50	21.998	
75	20.312	
100	18.943	
125	16.003	
150	13.731	

Cruise: 209 **Station:** 60 **Date:** 30-Apr-94
Time: 1258 **Latitude:** 24° 29.86 N **Longitude:** 85° 00.05 W

Depth (m) Temp.(°C) Salinity (PSU)

10	25.841	
20	25.806	
50	23.380	
75	22.509	
100	20.459	
125	18.663	
150	17.017	
200	13.850	

Cruise: 209
Time: 1327

Station: 77
Latitude: 25° 00.11 N

Date: 1-May-94
Longitude: 84° 59.97 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.567	
20	25.262	
30	23.502	
50	21.750	
75	19.539	
100	18.238	
125	16.933	
150	15.819	
200	14.342	

Cruise: 209
Time: 1803

Station: 78
Latitude: 24° 59.88 N

Date: 1-May-94
Longitude: 85° 29.82 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.452	
20	27.360	
30	27.343	
50	25.992	
75	23.279	
125	20.259	
150	18.275	

Cruise: 209
Time: 2142

Station: 79
Latitude: 25° 00.02 N

Date: 1-May-94
Longitude: 86° 00.80 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.364	
20	27.342	
30	27.279	
50	27.145	
75	26.267	
100	25.741	
125	25.014	
150	23.540	

Cruise: 209
Time: 0300

Station: 80
Latitude: 25° 30.30 N

Date: 2-May-94
Longitude: 86° 00.10 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.466	
20	27.467	
50	27.137	
75	25.217	
100	22.618	
125	21.624	
150	20.638	

Cruise: 209 **Station:** 81 **Date:** 2-May-94
Time: 0704 **Latitude:** 26° 00.03 N **Longitude:** 86° 00.10 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.073	
20	25.984	
30	24.617	
50	22.124	
75	20.638	
100	19.445	
150	16.648	

Cruise: 209 **Station:** 82 **Date:** 2-May-94
Time: 1221 **Latitude:** 26° 29.88 N **Longitude:** 86° 00.07 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.225	
20	26.088	
30	25.187	
50	22.688	
75	19.728	
100	19.524	
125	17.871	
150	16.720	

Cruise: 209 **Station:** 83 **Date:** 2-May-94
Time: 1546 **Latitude:** 27° 00.00 N **Longitude:** 85° 59.93 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.277	
20	26.189	
30	24.632	
50	22.538	
75	20.704	
125	18.200	
150	17.284	
200	15.184	

Cruise: 209 **Station:** 84 **Date:** 2-May-94
Time: 2014 **Latitude:** 27° 29.93 N **Longitude:** 85° 59.89 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.020	
20	25.966	
30	25.113	
75	20.766	
125	18.746	
150	18.077	
200	15.744	
250	13.789	

Cruise: 209 **Station:** 85 **Date:** 2-May-94
Time: 2323 **Latitude:** 27° 59.96 N **Longitude:** 85° 59.96 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.302	
20	25.159	
30	23.915	
50	22.469	
75	21.175	
100	19.738	
125	19.119	
150	18.058	
200	15.937	

Cruise: 209 **Station:** 86 **Date:** 3-May-94
Time: 329 **Latitude:** 28° 29.95 N **Longitude:** 85° 59.91 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	24.996	
20	24.934	
30	24.100	
50	22.006	
75	19.845	
100	19.148	
125	18.026	
150	17.860	
200	15.620	

Cruise: 209 **Station:** 87 **Date:** 3-May-94
Time: 0804 **Latitude:** 28° 59.99 N **Longitude:** 86° 30.00 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
50	22.063	
75	19.831	
100	19.019	
125	18.284	
150	17.406	
200	15.877	

Cruise: 209 **Station:** 88 **Date:** 3-May-94
Time: 1112 **Latitude:** 29° 00.180 N **Longitude:** 87° 00.150 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.534	
30	23.526	
75	20.942	
100	19.399	
125	18.858	
150	17.604	
200	15.326	

Cruise: 209 Station: 89 Date: 3-May-94
Time: 1549 Latitude: 28° 30.44 N Longitude: 87° 00.090 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.715	
20	25.024	
50	22.195	
75	21.146	
100	19.962	
125	18.451	
150	17.110	
200	14.970	

Cruise: 209 Station: 90 Date: 3-May-94
Time: 1943 Latitude: 28° 00.93 N Longitude: 87° 00.00 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.294	
20	24.643	
30	22.383	
50	20.543	
75	19.496	
100	18.834	
125	17.578	

Cruise: 209 Station: 91 Date: 3-May-94
Time: 2351 Latitude: 27° 30.00 N Longitude: 86° 59.90 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.015	
20	25.553	
30	23.771	
75	21.699	
100	20.282	
125	18.822	
150	17.696	

Cruise: 209 Station: 92 Date: 4-May-94
Time: 0315 Latitude: 27° 00.12 N Longitude: 86° 59.74 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.449	
20	27.429	
30	27.003	
50	26.738	
75	25.440	
100	23.199	
125	20.859	
150	19.095	
200	17.637	

Cruise: 209 Station: 93 Date: 4-May-94
Time: 0806 Latitude: 26° 29.80 N Longitude: 87° 00.93 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.717	
20	27.723	
30	27.711	
50	27.227	
75	26.626	
100	25.707	
125	24.443	
150	22.733	

Cruise: 209 Station: 94 Date: 4-May-94
Time: 1015 Latitude: 26° 16.06 N Longitude: 87° 00.24 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.677	
20	27.663	
30	27.594	
50	27.256	
75	26.365	
100	25.450	
125	25.154	
150	23.983	
200	20.966	

Cruise: 209 Station: 95 Date: 4-May-94
Time: 1448 Latitude: 26° 00.12 N Longitude: 87° 29.99 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.786	
20	27.734	
30	27.709	
50	27.614	
75	27.164	
100	26.444	
125	25.629	
150	23.627	
200	20.841	

Cruise: 209 Station: 96 Date: 4-May-94
Time: 1824 Latitude: 26° 00.03 N Longitude: 88° 00.08 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
20	27.706	
30	27.646	
50	27.118	
75	26.446	
125	23.138	
150	21.112	
200	18.475	

Cruise: 209 **Station:** 97 **Date:** 4-May-94
Time: 2156 **Latitude:** 26° 29.69 N **Longitude:** 87° 59.60 W

Depth (m) Temp. (°C) Salinity (PSU)

20	26.284	
30	26.002	
50	23.215	
75	22.265	
100	20.537	
125	19.428	
150	18.065	

Cruise: 209 **Station:** 98 **Date:** 4-May-94
Time: 0106 **Latitude:** 27° 00.03 N **Longitude:** 87° 59.90 W

Depth (m) Temp. (°C) Salinity (PSU)

10	26.119	
20	25.558	
30	23.130	
50	22.041	
75	20.172	
100	18.840	
125	16.994	
150	16.116	
200	13.931	

Cruise: 209 **Station:** 99 **Date:** 5-May-94
Time: 0533 **Latitude:** 27° 30.00 N **Longitude:** 87° 59.98 W

Depth (m) Temp. (°C) Salinity (PSU)

10	25.182	
20	23.762	
30	22.341	
50	20.688	
75	19.115	
100	18.431	
125	17.572	
150	16.269	
200	14.404	

Cruise: 209 **Station:** 100 **Date:** 5-May-94
Time: 0900 **Latitude:** 27° 59.93 N **Longitude:** 87° 59.97 W

Depth (m) Temp. (°C) Salinity (PSU)

10	25.937	
20	24.021	
30	22.445	
50	21.034	
75	19.839	
100	19.058	
125	18.463	
150	16.868	

Cruise: 209
Time: 1311

Station: 101
Latitude: 28° 30.07 N

Date: 5-May-94
Longitude: 87° 59.88 W

Depth (m) Temp. (°C) Salinity (PSU)

10	24.667
20	22.546
30	22.182
50	20.176
75	19.416
100	18.509
125	17.257
150	16.432
200	14.318

Cruise: 209
Time: 1916

Station: 136
Latitude: 27° 00.10 N

Date: 10-May-94
Longitude: 92° 59.95 W

Depth (m) Temp. (°C) Salinity (PSU)

20	23.012
30	22.327
50	20.868
75	19.751
100	18.977
125	17.263
150	16.087
200	14.520
250	12.827
300	11.586
400	9.463
500	8.150

Cruise: 209
Time: 2309

Station: 137
Latitude: 26° 40.11 N

Date: 10-May-94
Longitude: 93° 00.12 W

Depth (m) Temp. (°C) Salinity (PSU)

10	25.545
20	21.972
30	21.569
50	20.521
75	19.419
100	18.524
125	16.919
150	15.766
200	13.757
250	12.246
300	11.201
400	9.427

Cruise: 209 **Station:** 140 **Date:** 11-May-94
Time: 0436 **Latitude:** 26° 15.10 N **Longitude:** 93° 00.07 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.156	
20	22.807	
50	20.935	
75	19.764	
125	17.164	
150	15.884	
200	13.977	
250	12.580	
300	11.385	
400	9.404	
500	8.144	

Cruise: 209 **Station:** 141 **Date:** 11-May-94
Time: 0927 **Latitude:** 26° 00.20 N **Longitude:** 93° 30.14 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
20	23.130	
30	21.859	
50	21.249	
75	19.600	
100	17.715	
150	15.003	

Cruise: 209 **Station:** 142 **Date:** 11-May-94
Time: 1228 **Latitude:** 26° 00.48 N **Longitude:** 94° 00.12 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.486	
20	23.306	
30	21.733	
50	21.142	
75	19.964	
100	18.981	
150	15.486	
200	13.748	
250	12.258	
300	11.127	
400	8.986	

Cruise: 209 **Station:** 143 **Date:** 11-May-94
Time: 1717 **Latitude:** 26° 30.22 N **Longitude:** 94° 00.30 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
20	23.730	
30	21.775	
50	21.149	
100	18.571	
125	16.695	
150	15.258	
200	12.491	

Cruise: 209
Time: 2040

Station: 144
Latitude: 27° 00.08 N

Date: 11-May-94
Longitude: 93° 59.83 W

Depth (m) Temp. (°C) Salinity (PSU)

10	26.501	
20	23.517	
30	22.111	
50	21.216	
75	19.759	
100	18.069	
125	16.466	
150	15.085	
200	13.523	
250	12.350	
300	11.021	
400	9.328	

Cruise: 209
Time: 0056

Station: 145
Latitude: 27° 30.12 N

Date: 12-May-94
Longitude: 94° 00.04 W

Depth (m) Temp. (°C) Salinity (PSU)

10	26.933	
20	25.897	
30	22.661	
50	21.452	
75	20.263	
100	19.376	
125	17.933	
150	16.599	
200	14.784	

Cruise: 209
Time: 0800

Station: 146
Latitude: 27° 59.99 N

Date: 12-May-94
Longitude: 94° 00.06 W

Depth (m) Temp. (°C) Salinity (PSU)

10	25.624	
20	23.175	
30	22.586	
50	21.096	
75	19.740	

Cruise: 209
Time: 1124

Station: 147
Latitude: 28° 00.33 N

Date: 12-May-94
Longitude: 94° 30.22 W

Depth (m) Temp. (°C) Salinity (PSU)

10	22.883	
20	23.193	
30	22.007	
50	19.705	

Cruise: 209 **Station:** 148 **Date:** 12-May-94
Time: 1424 **Latitude:** 28° 00.07 N **Longitude:** 95° 00.27 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	24.783	
20	23.502	
50	21.074	
75	19.272	

Cruise: 209 **Station:** 149 **Date:** 12-May-94
Time: 1805 **Latitude:** 27° 29.98 N **Longitude:** 95° 00.01 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.200	
20	23.570	
30	22.083	
50	21.609	
75	20.403	
100	19.484	
125	19.172	
150	18.147	
200	15.687	

Cruise: 209 **Station:** 150 **Date:** 12-May-94
Time: 2153 **Latitude:** 27° 00.65 N **Longitude:** 95° 00.10 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.757	
20	23.394	
30	21.457	
50	20.230	
75	19.702	
100	19.255	
125	18.411	
150	16.925	
200	14.878	
250	13.223	
300	11.898	

Cruise: 209 **Station:** 151 **Date:** 13-May-94
Time: 0229 **Latitude:** 26° 30.16 N **Longitude:** 94° 59.92 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
20	23.850	
50	21.720	
75	20.908	
100	19.821	
125	18.786	
150	17.402	
200	15.731	

Cruise: 209 **Station:** 152 **Date:** 13-May-94
Time: 0615 **Latitude:** 26° 01.13 N **Longitude:** 94° 59.97 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.045	
20	23.329	
30	23.090	
50	21.959	
100	18.290	
125	17.356	
150	16.354	
200	14.983	
250	13.446	
300	12.207	
400	10.336	
500	8.647	

Cruise: 209 **Station:** 153 **Date:** 13-May-94
Time: 1158 **Latitude:** 26° 01.49 N **Longitude:** 95° 29.95 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
30	23.128	
50	22.753	
75	20.480	
100	17.359	
125	14.747	
150	13.387	
200	11.593	

Cruise: 209 **Station:** 154 **Date:** 13-May-94
Time: 1526 **Latitude:** 26° 01.63 N **Longitude:** 96° 00.21 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.734	
50	20.164	
75	19.148	
125	18.177	
150	16.965	
200	15.010	
400	9.954	

Cruise: 209 **Station:** 155 **Date:** 13-May-94
Time: 1936 **Latitude:** 26° 30.01 N **Longitude:** 95° 59.98 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
20	21.327	
30	20.803	
50	20.329	
75	19.011	
100	17.886	
125	16.651	
200	13.840	

Cruise: 209 **Station:** 156 **Date:** 13-May-94
Time: 2301 **Latitude:** 27° 00.19 N **Longitude:** 95° 59.88 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.560	
20	23.295	
30	21.859	
50	20.687	
100	17.770	
125	16.430	
150	15.401	
200	13.796	
300	11.018	
400	9.387	

Cruise: 209 **Station:** 157 **Date:** 14-May-94
Time: 0312 **Latitude:** 27° 30.12 N **Longitude:** 96° 00.50 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.085	
20	23.280	
30	21.963	
50	20.698	
75	19.656	
100	18.895	
125	17.987	
150	16.637	
200	15.075	

Cruise: 209 **Station:** 158 **Date:** 14-May-94
Time: 0634 **Latitude:** 28° 00.80 N **Longitude:** 95° 59.79 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	23.219	
20	23.009	
30	19.955	

Cruise: 209 **Station:** 244 **Date:** 1-Jun-94
Time: 0402 **Latitude:** 26° 01.39 N **Longitude:** 95° 48.05 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	28.018	
20	27.345	
30	26.853	
50	23.716	
75	22.616	
100	21.564	
125	20.125	
150	18.954	
200	16.740	
250	13.177	
300	11.239	
400	9.508	

Cruise: 209
Time: 1005

Station: 246
Latitude: 26° 40.18 N

Date: 1-Jun-94
Longitude: 95° 48.00 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.231	
20	26.666	
30	23.992	
50	22.653	
75	21.165	
100	18.930	
125	17.329	
150	15.842	
200	14.931	
250	13.126	
300	11.962	
400	10.155	

Cruise: 209
Time: 1435

Station: 248
Latitude: 27° 20.33 N

Date: 1-Jun-94
Longitude: 95° 48.19 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.400	
20	23.937	
30	22.338	
50	20.617	
75	18.946	
100	17.536	
125	16.337	
150	15.325	
200	13.736	
250	12.463	
300	11.408	
400	9.457	

Cruise: 209
Time: 1958

Station: 250
Latitude: 27° 59.68 N

Date: 1-Jun-94
Longitude: 95° 48.65 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	24.081	
20	21.319	
30	20.655	

Cruise: 209
Time: 0043

Station: 251
Latitude: 27° 58.08 N

Date: 2-Jun-94
Longitude: 95° 21.29 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.207	
20	24.993	
30	23.401	
50	20.198	

Cruise: 209 **Station:** 252 **Date:** 2-Jun-94
Time: 0437 **Latitude:** 27° 57.13 N **Longitude:** 94° 53.26 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
20	24.895	
30	23.323	
50	20.717	
75	19.578	

Cruise: 209 **Station:** 258 **Date:** 2-Jun-94
Time: 2320 **Latitude:** 26° 07.82 N **Longitude:** 94° 26.11 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.349	
30	22.736	
50	21.013	
75	19.658	
150	14.632	
200	12.594	
250	11.004	
300	10.204	
400	8.437	

Cruise: 209 **Station:** 259 **Date:** 3-Jun-94
Time: 0339 **Latitude:** 26° 01.22 N **Longitude:** 93° 58.29 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.846	
20	25.722	
30	22.957	
50	21.527	
75	19.980	
100	17.385	
125	15.457	
150	14.133	
200	12.718	
250	11.179	
300	9.868	
400	8.517	

Cruise: 209 **Station:** 261 **Date:** 3-Jun-94
Time: 1000 **Latitude:** 26° 40.40 N **Longitude:** 93° 58.43 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.039	
20	25.579	
30	22.970	
75	19.553	
100	17.991	
125	16.548	
150	16.135	
200	14.075	
250	12.532	
300	11.312	
400	9.376	
500	7.829	

Cruise: 209
Time: 1444

Station: 263
Latitude: 27° 19.90 N

Date: 3-Jun-94
Longitude: 93° 58.43 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.822	
20	25.693	
30	23.439	
50	22.127	
75	20.248	
100	19.154	
125	18.552	
150	17.295	
200	15.247	
250	14.006	
300	11.966	
400	10.012	
500	8.446	

Cruise: 209
Time: 2047

Station: 265
Latitude: 28° 00.00 N

Date: 3-Jun-94
Longitude: 93° 56.10 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.087	
30	21.826	
50	20.428	

Cruise: 209
Time: 0046

Station: 266
Latitude: 28° 01.71 N

Date: 4-Jun-94
Longitude: 93° 29.13 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.581	
20	23.719	
50	20.360	
75	19.405	

Cruise: 209
Time: 0402

Station: 267
Latitude: 28° 02.88 N

Date: 4-Jun-94
Longitude: 93° 03.20 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.479	
20	24.451	
30	22.945	
50	20.004	
75	19.732	

Cruise: 209
Time: 1037

Station: 269
Latitude: 27° 23.05 N

Date: 4-Jun-94
Longitude: 93° 03.06 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.765	
20	26.193	
30	24.333	
50	21.854	
75	20.731	
100	19.533	
125	18.744	
150	17.805	
200	15.515	
250	13.740	
300	12.385	
400	10.130	

Cruise: 209
Time: 1538

Station: 271
Latitude: 26° 43.12 N

Date: 4-Jun-94
Longitude: 93° 02.42 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.985	
20	26.527	
30	25.463	
50	22.137	
75	20.026	
100	18.508	
125	17.837	
150	17.037	
200	14.694	
250	13.081	
300	11.937	
400	9.728	

Cruise: 209
Time: 2037

Station: 273
Latitude: 26° 15.20 N

Date: 4-Jun-94
Longitude: 93° 01.30 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.824	
20	25.652	
30	23.489	
50	21.358	
75	19.737	
100	18.916	
125	17.560	
150	16.277	
200	14.265	
250	12.540	
300	11.339	

Cruise: 209
Time: 0040

Station: 274
Latitude: 26° 12.89 N

Date: 5-Jun-94
Longitude: 92° 34.44 W

Depth (m) Temp. (°C) Salinity (PSU)

10	26.852
20	26.517
30	24.344
50	21.938
75	20.250
100	18.663
125	17.739
200	14.488
250	12.866
300	11.483

Cruise: 209
Time: 0443

Station: 275
Latitude: 26° 11.98 N

Date: 5-Jun-94
Longitude: 92° 08.03 W

Depth (m) Temp. (°C) Salinity (PSU)

10	26.718
20	26.561
30	24.125
50	21.921
75	20.250
100	19.058
125	17.258
150	16.103
200	14.441
300	11.755
400	9.588
500	8.096

Cruise: 209
Time: 1022

Station: 277
Latitude: 26° 52.48 N

Date: 5-Jun-94
Longitude: 92° 08.10 W

Depth (m) Temp. (°C) Salinity (PSU)

10	26.933
20	26.515
30	25.073
50	22.150
75	19.996
100	18.827
150	17.202
200	15.149
250	13.475
300	12.248
400	10.089
500	8.495

Cruise: 209
Time: 1607

Station: 279
Latitude: 27° 32.20 N

Date: 5-Jun-94
Longitude: 92° 07.90 W

Depth (m) Temp. (°C) Salinity (PSU)

10	26.845	
20	26.642	
30	23.679	
50	22.021	
75	20.273	
100	19.556	
125	18.693	
150	17.206	
200	14.978	
250	13.545	

Cruise: 209
Time: 2058

Station: 281
Latitude: 28° 01.20 N

Date: 5-Jun-94
Longitude: 92° 08.41 W

Depth (m) Temp. (°C) Salinity (PSU)

10	26.729	
20	25.958	
30	24.628	
50	22.050	
75	20.355	
100	18.625	

Cruise: 209
Time: 0016

Station: 282
Latitude: 28° 04.21 N

Date: 6-Jun-94
Longitude: 91° 44.84 W

Depth (m) Temp. (°C) Salinity (PSU)

10	26.612	
20	26.460	
30	25.647	
50	22.310	
75	20.164	
100	18.751	

Cruise: 209
Time: 0415

Station: 283
Latitude: 28° 10.07 N

Date: 6-Jun-94
Longitude: 91° 13.55 W

Depth (m) Temp. (°C) Salinity (PSU)

10	26.722	
20	26.067	
50	21.516	
75	19.824	

Cruise: 209
Time: 1037

Station: 285
Latitude: 27° 30.07 N

Date: 6-Jun-94
Longitude: 91° 12.99 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.813	
20	26.422	
30	23.947	
50	22.031	
75	20.433	
100	19.304	
125	18.581	
150	17.404	
200	15.682	
300	12.559	
400	10.260	
500	8.671	

Cruise: 209
Time: 0545

Station: 290
Latitude: 29° 15.07 N

Date: 8-Jun-94
Longitude: 88° 28.09 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.294	
20	24.071	
30	22.610	
50	20.378	
75	18.818	

Cruise: 209
Time: 1033

Station: 292
Latitude: 28° 35.01 N

Date: 8-Jun-94
Longitude: 88° 27.83 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.674	
20	26.107	
30	24.073	
50	22.381	
75	20.486	
125	18.727	
200	15.059	
300	12.064	

Cruise: 209
Time: 2023

Station: 295
Latitude: 27° 41.50 N

Date: 8-Jun-94
Longitude: 88° 27.80 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.624	
20	26.075	
30	23.709	
50	21.200	
75	19.554	
100	18.638	
125	17.222	
150	16.231	
200	14.279	
250	12.547	
300	11.372	
400	9.733	

Cruise: 209 **Station:** 296 **Date:** 9-Jun-94
Time: 0048 **Latitude:** 27° 31.00 N **Longitude:** 88° 55.59 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	26.888	
20	26.725	
30	23.605	
50	21.464	
75	19.218	
100	17.665	
125	16.709	
150	15.629	
200	13.859	
250	12.629	
300	11.346	
400	9.316	

Cruise: 209 **Station:** 297 **Date:** 9-Jun-94
Time: 0451 **Latitude:** 27° 20.06 N **Longitude:** 89° 22.95 W

<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.354	
20	25.856	
30	24.207	
50	21.434	
125	17.216	
200	13.822	
250	12.276	
400	9.315	

Cruise: 209 **Station:** 299 **Date:** 9-Jun-94
Time: 1042 **Latitude:** 28° 00.06 N **Longitude:** 89° 21.44 W

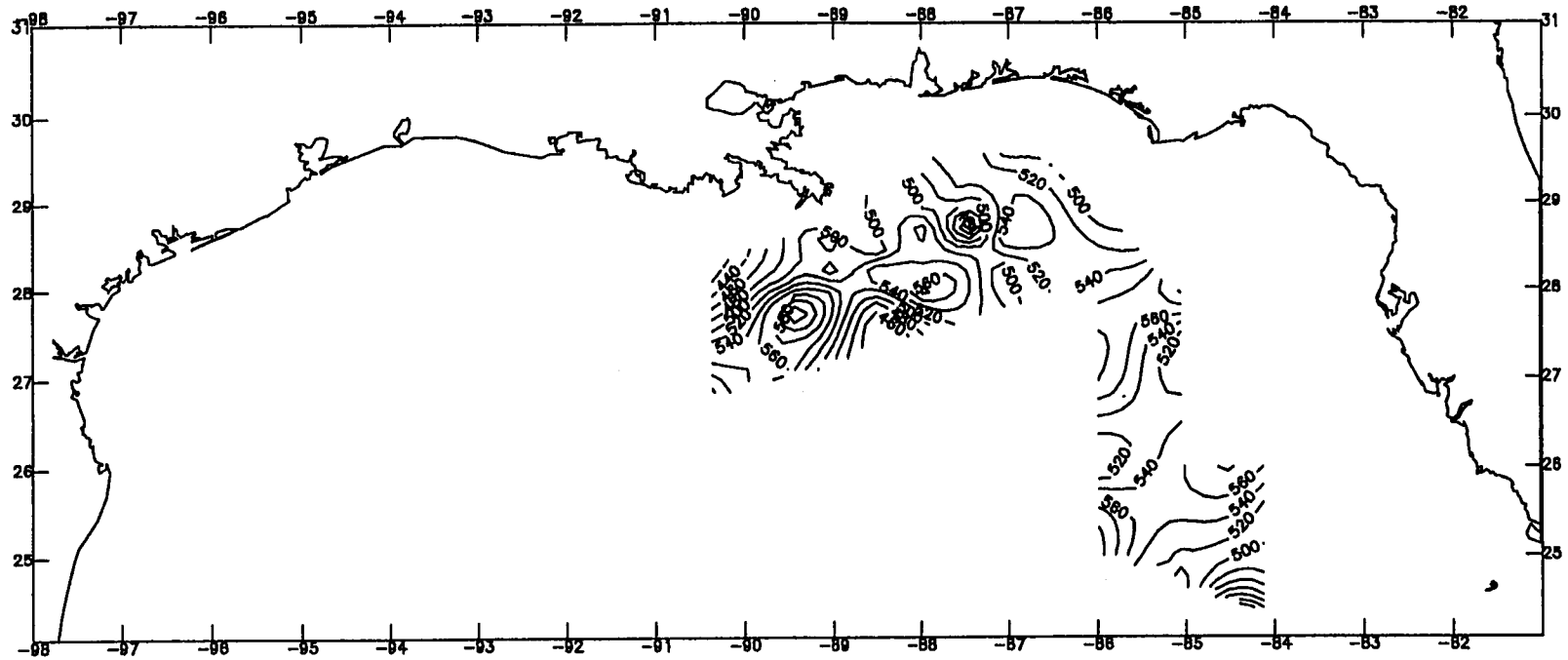
<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	27.302	
20	26.543	
30	25.557	
75	19.694	
100	18.483	
125	17.352	
150	16.352	
200	14.487	
250	12.568	
300	11.331	
400	9.780	

Cruise: 209 **Station:** 302 **Date:** 9-Jun-94
Time: 1820 **Latitude:** 28° 47.39 N **Longitude:** 89° 22.37 W

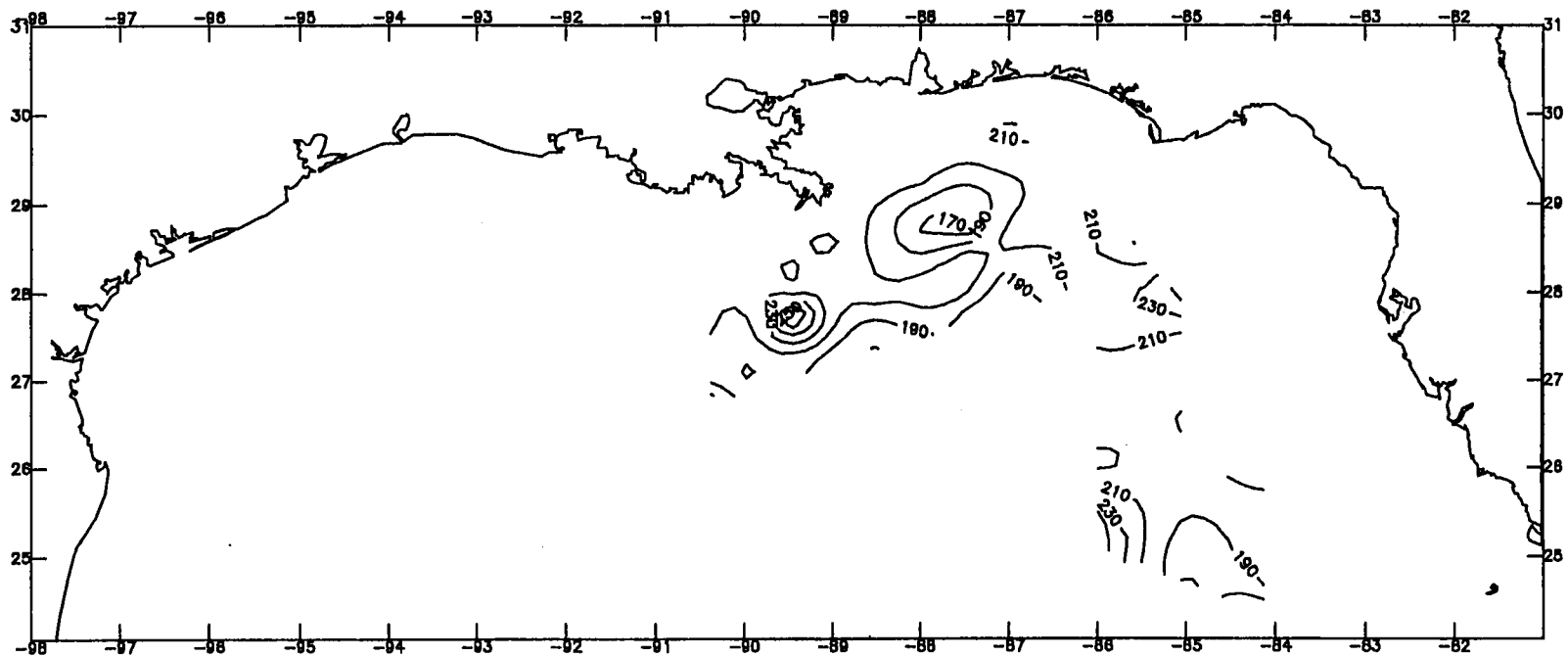
<u>Depth (m)</u>	<u>Temp. (°C)</u>	<u>Salinity (PSU)</u>
10	25.291	
30	21.390	
50	19.708	
75	18.880	

Depth of the 8, 15, and 20 °C Isotherms

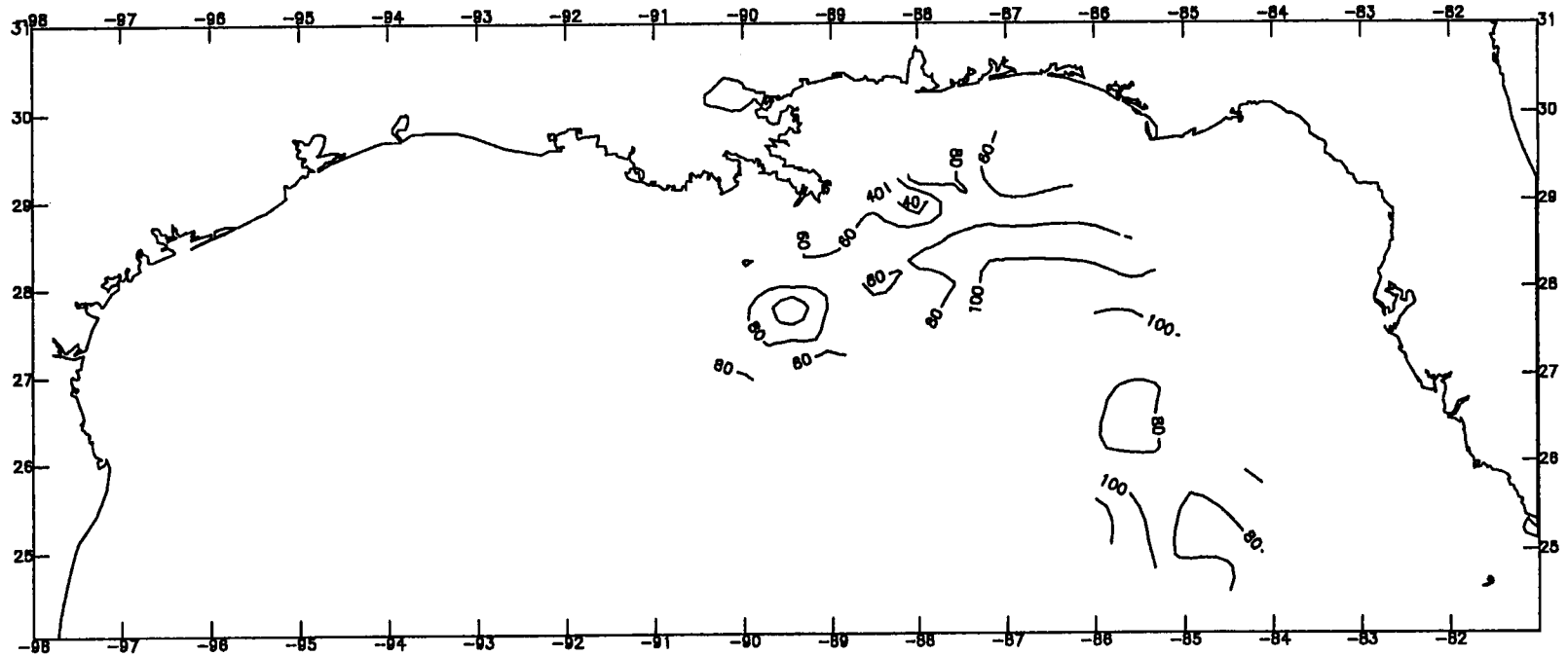
Oregon II, Cruise 209a
Depth of 8 °C Isotherm (m)



Oregon II, Cruise 209a
Depth of 15 °C Isotherm (m)

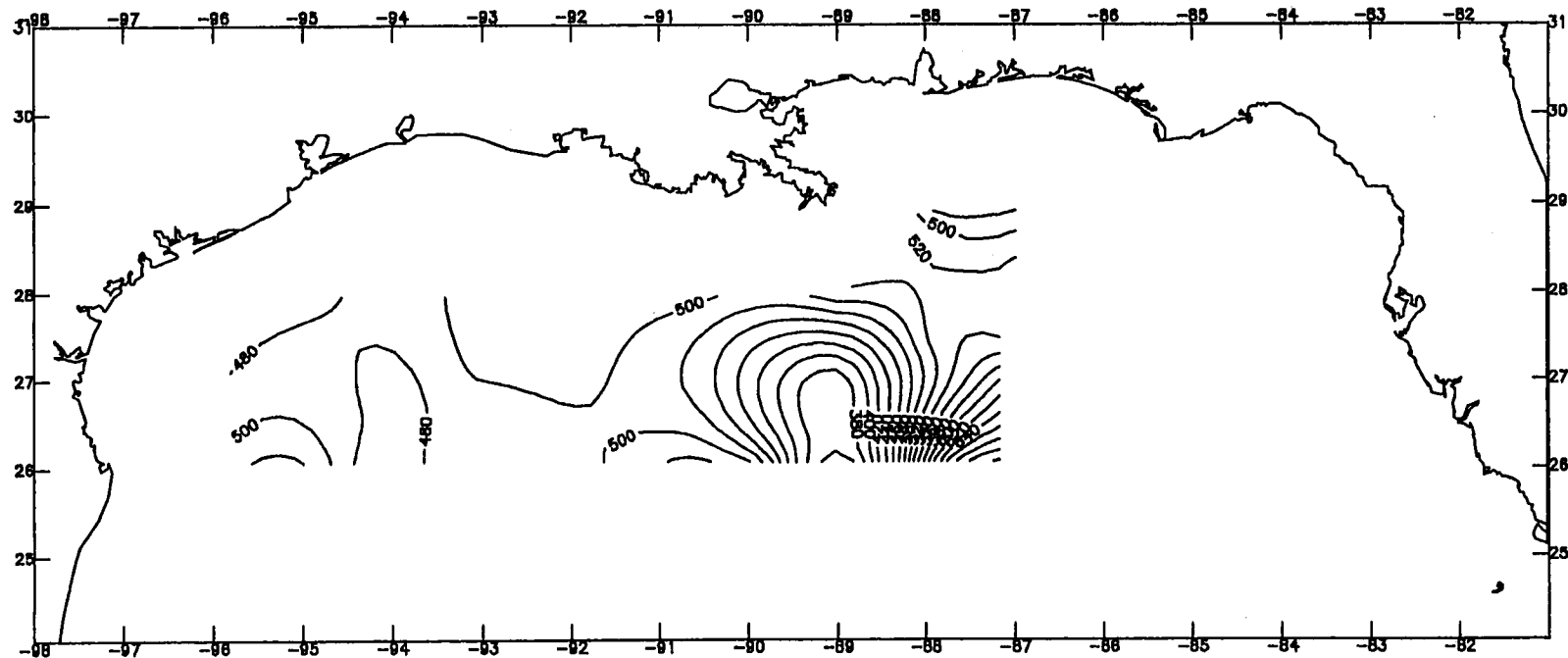


Oregon II, Cruise 209a
Depth of 20 °C Isotherm (m)

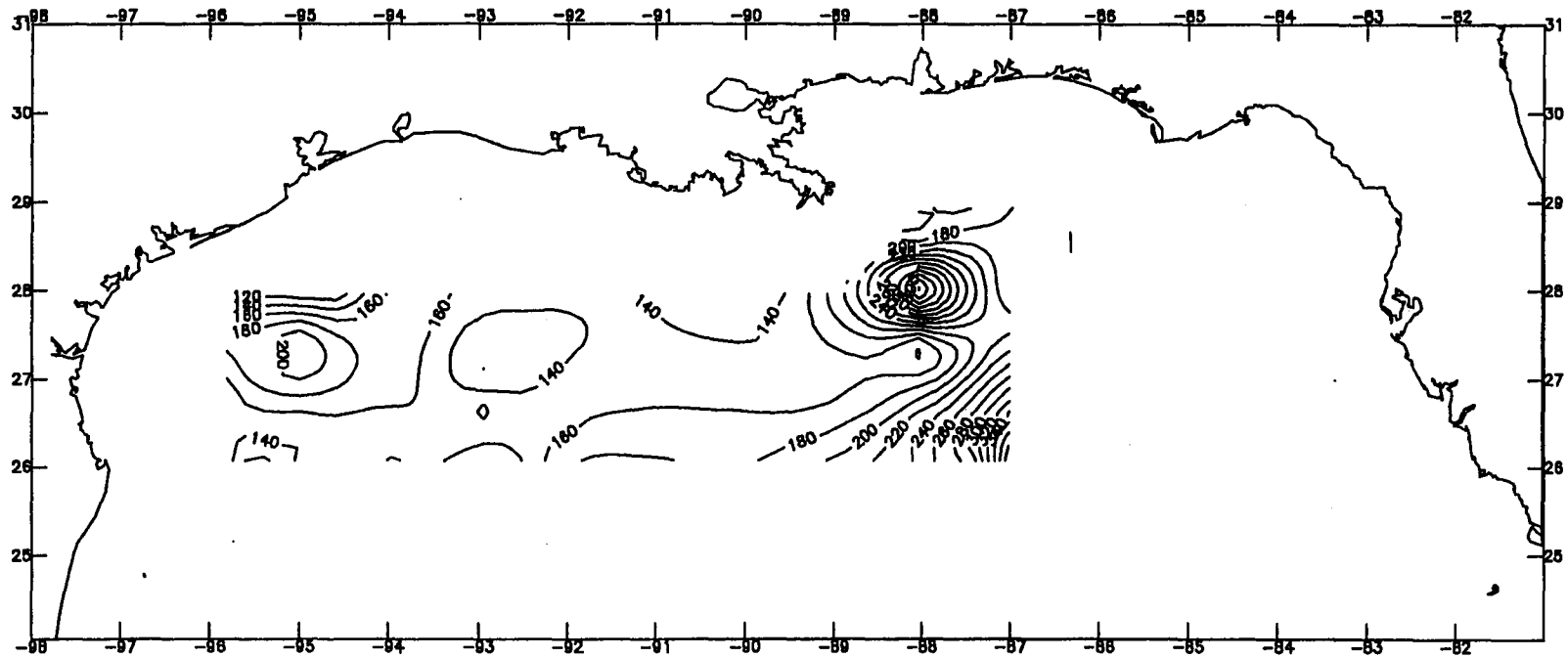


Oregon II, Cruise 209b
Depth of 8 °C Isotherm (m)

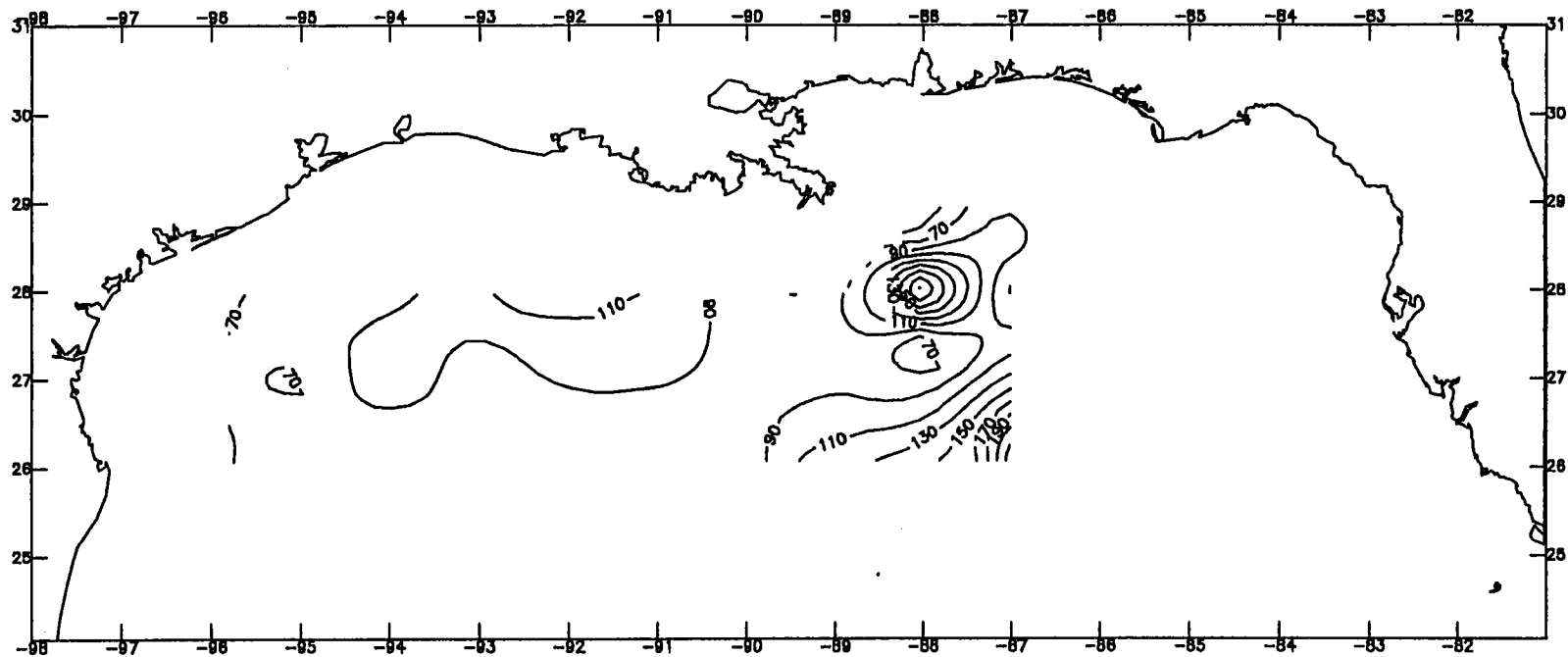
345



Oregon II, Cruise 209b
Depth of 15 °C Isotherm (m)



Oregon II, Cruise 209b
Depth of 20 °C Isotherm (m)

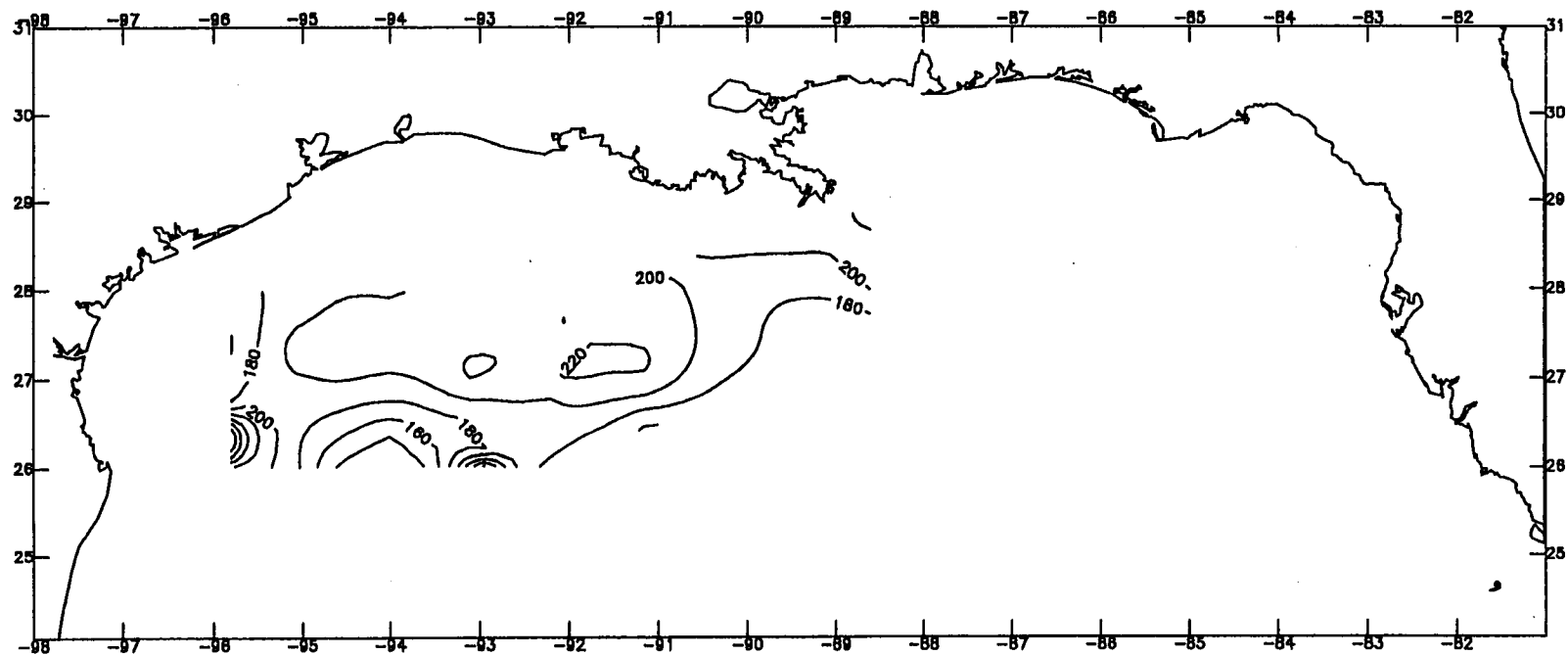


Oregon II, Cruise 209c
Depth of 8 °C Isotherm (m)



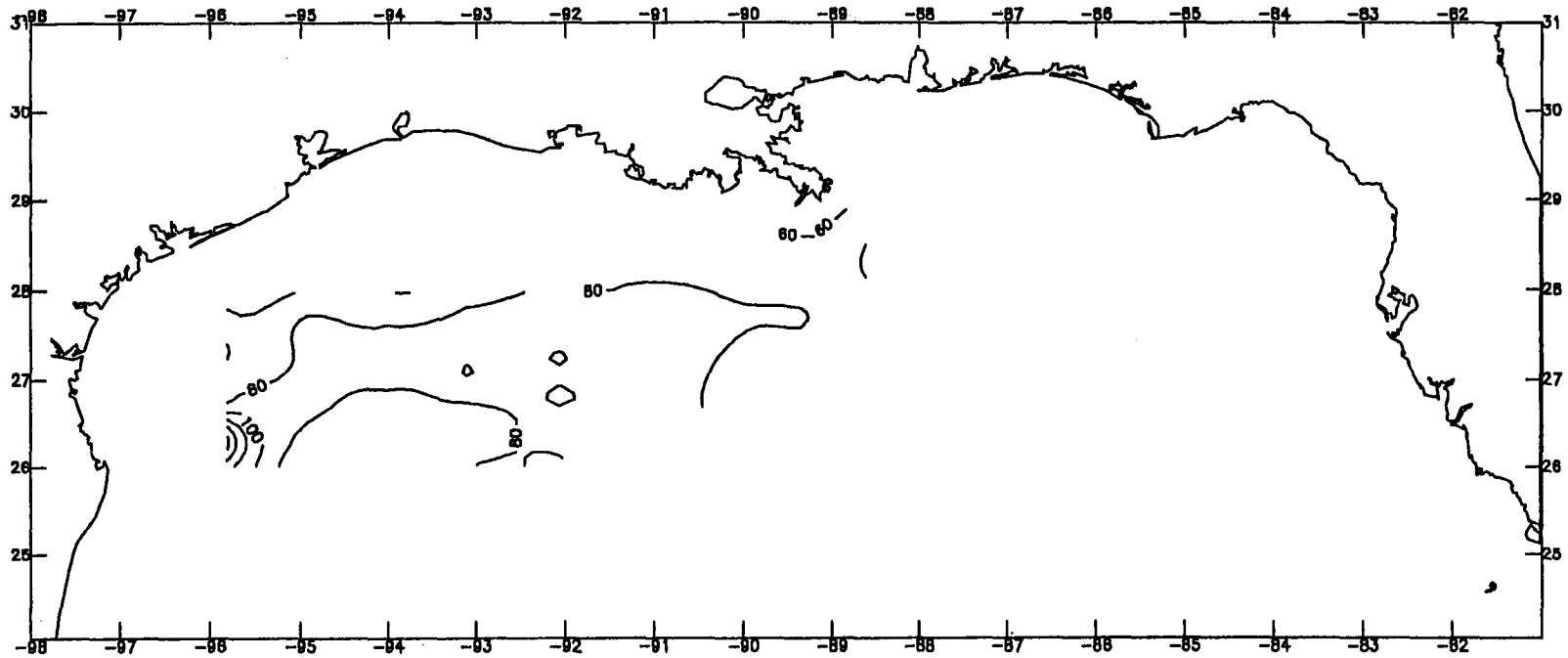
Oregon II, Cruise 209c
Depth of 15 °C Isotherm (m)

349



Oregon II, Cruise 209c
Depth of 20 °C Isotherm (m)

350



III. GEOGRAPHICAL INFORMATION SYSTEM

3.1 Geographical Information System Software

Geographical Information System Software

AGIS is a proprietary GIS software package developed and marketed by Delta Data Systems, Inc., 131 Third Street, Picayune, MS 39466.

Surfer is a proprietary computer software package for contouring data and three dimensional surface mapping developed and marketed by Golden Software, Inc., 809 14th Street, Golden, Colorado 80401-1866.

PV-Wave is a proprietary data visualization and analysis software package developed and marketed by Visual Numerics, Inc., 9990 Richmond Ave, Suite 400, Houston, Texas 77042.

The **Statistical Analysis System (SAS)** is a proprietary data management and analysis software package developed and marketed by the SAS Institute, SAS Campus Drive, Cary, North Carolina 27513.

dBASE IV is a proprietary data base software package marketed by Borland International, Inc., 1800 Green Hills Rd., P.O. Box 660001, Scotts Valley, California, 95067-0001.

IV. REMOTE SENSING

4.1 Satellite Data Tables

Dates and times (Greenwich mean time) of acquisition and orbit numbers of satellite images obtained for the project (n=344), the subset of images selected for sea surface temperature (SST) product and Mississippi River plume analyses (n=118), and time periods corresponding to TIO and NMFS-SEFSC vessel and aircraft surveys.

Date	Time	Satellite Number	Orbit Number	Data Selected for Analysis	TIO Cruise Number	NMFS Cruise Number	Aerial Survey Number
13 April 1992	20:26	NOAA-11	18,305	none			
14 April 1992	08:51	NOAA-11	18,312	none			
15 April 1992	08:39	NOAA-11	18,326	none	1		
15 April 1992	20:02	NOAA-11	18,333	none	1		
17 April 1992	21:19	NOAA-11	18,362	none	1		
20 April 1992	09:23,	NOAA-11	18,397	none	1		
20 April 1992	20:43	NOAA-11	18,404	SST	1		
21 April 1992	09:08	NOAA-11	18,411	SST	1		
21 April 1992	20:30	NOAA-11	18,418	SST/plume	1		
22 April 1992	08:56	NOAA-11	18,425	SST	1	199	
22 April 1992	20:19	NOAA-11	18,432	SST/plume	1	199	
23 April 1992	08:44	NOAA-11	18,439	SST	1	199	
27 April 1992	09:40	NOAA-11	18,496	SST	1	199	
27 April 1992	21:00	NOAA-11	18,503	SST/plume	1	199	
28 April 1992	20:48	NOAA-11	18,517	SST/plume	1	199	
01 May 1992	08:49	NOAA-11	18,552	SST	1	199	
01 May 1992	20:12	NOAA-11	18,559	SST/plume	1	199	
02 May 1992	08:37	NOAA-11	18,566	SST		199	
06 May 1992	09:33	NOAA-11	18,623	SST		199	
06 May 1992	20:53	NOAA-11	18,630	none		199	
07 May 1992	09:19	NOAA-11	18,637	none		199	
08 May 1992	20:28	NOAA-11	18,658	none		199	
09 May 1992	20:17	NOAA-11	18,672	none		199	
15 May 1992	20:45	NOAA-11	18,757	SST/plume		199	
16 May 1992	09:14	NOAA-11	18,764	SST		199	
18 May 1992	08:46	NOAA-11	18,792	none		199	
19 May 1992	19:58	NOAA-11	18,813	none		199	

Date	Time	Satellite Number	Orbit Number	Data Selected for Analysis	TIO Cruise Number	NMFS Cruise Number	Aerial Survey Number
21 May 1992	09:54	NOAA-11	18,835	none		199	
21 May 1992	21:14	NOAA-11	18,842	none		199	
24 May 1992	20:38	NOAA-11	18,884	none		199	
25 May 1992	09:07	NOAA-11	18,891	none		199	
08 August 1992	09:07	NOAA-11	19,950	none			
30 August 1992	09:44	NOAA-11	20,261	SST			1
30 August 1992	21:08	NOAA-11	20,268	SST/plume			1
31 August 1992	09:33	NOAA-11	20,275	SST			1
02 September 1992	09:08	NOAA-11	20,303	SST			1
03 September 1992	08:56	NOAA-11	20,317	SST			1
11 September 1992	09:00	NOAA-11	20,430	SST			1
11 September 1992	20:25	NOAA-11	20,437	none			1
19 September 1992	09:05	NOAA-11	20,543	none			1
19 September 1992	20:29	NOAA-11	20,550	none			1
04 October 1992	20:49	NOAA-11	20,762	none			
05 October 1992	09:14	NOAA-11	20,769	none			
05 October 1992	20:37	NOAA-11	20,776	none			
12 October 1992	09:30	NOAA-11	20,868	none			
12 October 1992	20:53	NOAA-11	20,875	none			
13 October 1992	09:18	NOAA-11	20,882	none			
13 October 1992	20:41	NOAA-11	20,889	none			
14 October 1992	09:06	NOAA-11	20,896	none			
14 October 1992	20:30	NOAA-11	20,903	none			
12 November 1992	09:59	NOAA-11	21,306	none	3		2
28 November 1992	21:32	NOAA-11	21,539	SST			2
29 November 1992	09:55	NOAA-11	21,546	SST			2
29 November 1992	21:19	NOAA-11	21,553	none			2
30 November 1992	09:43	NOAA-11	21,560	SST			2
30 November 1992	21:06	NOAA-11	21,567	none			2
10 December 1992	09:23,	NOAA-11	21,701	SST			2
11 December 1992	09:10	NOAA-11	21,715	SST			2

Date	Time	Satellite Number	Orbit Number	Data Selected for Analysis	TIO Cruise Number	NMFS Cruise Number	Aerial Survey Number
11 December 1992	20:35	NOAA-11	21,722	SST/plume			2
04 January 1993	20:46	NOAA-11	22,061	none		203	
27 January 1993	09:46	NOAA-11	22,379	SST		203	
31 January 1993	08:55	NOAA-11	22,435	SST		203	
31 January 1993	20:22	NOAA-11	22,442	SST		203	
08 February 1993	20:25	NOAA-11	22,555	SST		203	3
11 February 1993	21:29	NOAA-11	22,598	SST		203	3
12 February 1993	09:53	NOAA-11	22,605	SST	4	203	3
12 February 1993	21:14	NOAA-11	22,612	SST/plume	4	203	3
13 February 1993	21:05	NOAA-11	22,626	SST/plume	4	203	3
17 February 1993	20:17	NOAA-11	22,682	SST/plume	4		3
04 March 1993	09:11	NOAA-11	22,887	none			3
04 March 1993	20:37	NOAA-11	22,894	SST/plume			3
05 March 1993	08:58	NOAA-11	22,901	none			3
08 March 1993	10:04	NOAA-11	22,944	SST			3
09 March 1993	09:52	NOAA-11	22,958	none			3
09 March 1993	21:15	NOAA-11	22,965	SST/plume			3
10 March 1993	09:40	NOAA-11	22,972	SST			3
10 March 1993	21:03	NOAA-11	22,979	SST/plume			3
25 March 1993	09:59	NOAA-11	23,184	none			
26 March 1993	09:47	NOAA-11	23,198	none			
27 March 1993	09:35	NOAA-11	23,212	none			
28 March 1993	09:23,	NOAA-11	23,226	none			
01 April 1993	10:15	NOAA-11	23,283	none			
01 April 1993	21:39	NOAA-11	23,290	none			
02 April 1993	10:03	NOAA-11	23,297	none			
10 April 1993	10:06	NOAA-11	23,410	none			
11 April 1993	09:54	NOAA-11	23,424	none			
11 April 1993	21:17	NOAA-11	23,431	none			
12 April 1993	09:42	NOAA-11	23,438	none			
12 April 1993	21:05	NOAA-11	23,445	none			

Date	Time	Satellite Number	Orbit Number	Data Selected for Analysis	TIO Cruise Number	NMFS Cruise Number	Aerial Survey Number
15 April 1993	20:30	NOAA-11	23,487	none			
16 April 1993	10:34	NOAA-11	23,495	none			
18 April 1993	21:33	NOAA-11	23,530	none			
22 April 1993	09:19	NOAA-11	23,579	none			
23 April 1993	09:07	NOAA-11	23,593	none			
27 April 1993	10:01	NOAA-11	23,650	none			4
04 May 1993	10:16	NOAA-11	23,749	SST		204	4
04 May 1993	21:40	NOAA-11	23,756	none		204	4
05 May 1993	10:04	NOAA-11	23,763	SST		204	4
06 May 1993	09:52	NOAA-11	23,777	none		204	4
06 May 1993	21:14	NOAA-11	23,784	none		204	4
07 May 1993	09:39	NOAA-11	23,791	none		204	4
07 May 1993	21:04	NOAA-11	23,798	SST		204	4
08 May 1993	09:25	NOAA-11	23,805	SST		204	4
12 May 1993	10:19	NOAA-11	23,862	SST		204	4
13 May 1993	21:31	NOAA-11	23,883	SST/plume		204	4
14 May 1993	09:55	NOAA-11	23,890	none		204	4
14 May 1993	21:19	NOAA-11	23,897	SST/plume		204	4
15 May 1993	21:07	NOAA-11	23,911	SST/plume		204	4
16 May 1993	09:28	NOAA-11	23,918	none		204	4
16 May 1993	20:53	NOAA-11	23,925	SST/plume		204	4
17 May 1993	09:16	NOAA-11	23,932	none		204	4
17 May 1993	20:43	NOAA-11	23,939	SST/plume		204	4
18 May 1993	09:04	NOAA-11	23,946	none		204	4
21 May 1993	10:11	NOAA-11	23,989	none		204	4
21 May 1993	21:34	NOAA-11	23,996	SST/plume		204	4
22 May 1993	09:59	NOAA-11	24,003	SST		204	4
23 May 1993	09:46	NOAA-11	24,017	SST	5	204	4
23 May 1993	21:10	NOAA-11	24,024	SST/plume	5	204	4
24 May 1993	09:33	NOAA-11	24,031	SST	5	204	4
29 May 1993	10:14	NOAA-11	24,102	SST	5	204	4
29 May 1993	21:38	NOAA-11	24,109	SST/plume	5	204	4

Date	Time	Satellite Number	Orbit Number	Data Selected for Analysis	TIO Cruise Number	NMFS Cruise Number	Aerial Survey Number
30 May 1993	10:02	NOAA-11	24,116	SST	5	204	4
30 May 1993	21:25	NOAA-11	24,123	SST/plume	5	204	4
31 May 1993	09:50	NOAA-11	24,130	none	5	204	4
31 May 1993	21:13	NOAA-11	24,137	SST/plume	5	204	4
01 June 1993	09:37	NOAA-11	24,144	SST	5	204	4
01 June 1993	20:59	NOAA-11	24,151	none	5	204	4
02 June 1993	09:28	NOAA-11	24,158	none	5	204	
04 June 1993	10:49	NOAA-11	24,187	none	5	204	
05 June 1993	10:36	NOAA-11	24,201	none	5	204	
05 June 1993	21:51	NOAA-11	24,208	SST/plume	5	204	
06 June 1993	10:24	NOAA-11	24,215	SST		204	
07 June 1993	21:27	NOAA-11	24,236	SST/plume		204	
08 June 1993	09:53	NOAA-11	24,243	none		204	
09 June 1993	09:39	NOAA-11	24,257	none		204	
10 June 1993	09:31	NOAA-11	24,271	none		204	
15 June 1993	21:31	NOAA-11	24,349	SST/plume		204	
16 June 1993	10:03	NOAA-11	24,356	SST		204	
23 June 1993	21:34	NOAA-11	24,462	none			
24 June 1993	21:21	NOAA-11	24,476	none			
25 June 1993	09:50	NOAA-11	24,483	none			
25 June 1993	21:10	NOAA-11	24,490	none			
29 June 1993	01:25	NOAA-12	11,034	none			
01 July 1993	10:22	NOAA-11	24,568	none			
01 July 1993	21:37	NOAA-11	24,575	none			
02 July 1993	10:07	NOAA-11	24,582	none			
02 July 1993	21:25	NOAA-11	24,589	none			
04 July 1993	21:02	NOAA-11	24,617	none			
05 July 1993	09:24	NOAA-11	24,624	none			
07 July 1993	10:49	NOAA-11	24,653	none			
08 July 1993	10:30	NOAA-11	24,667	none			
19 July 1993	21:20	NOAA-11	24,829	none			
25 July 1993	21:47	NOAA-11	24,914	none			

Date	Time	Satellite Number	Orbit Number	Data Selected for Analysis	TIO Cruise Number	NMFS Cruise Number	Aerial Survey Number
26 July 1993	10:18	NOAA-11	24,921	none			
01 August 1993	01:16	NOAA-12	11,503	none			
05 August 1993	01:32	NOAA-12	11,560	SST			5
07 August 1993	00:47	NOAA-12	11,588	SST			5
10 August 1993	10:35	NOAA-11	25,133	none			5
18 August 1993	21:56	NOAA-11	25,253	SST/plume			5
19 August 1993	10:26	NOAA-11	25,260	SST			5
19 August 1993	13:49	NOAA-12	11,766	none			5
22 August 1993	09:44	NOAA-11	25,302	none			
22 August 1993	21:08	NOAA-11	25,309	none			
23 August 1993	14:02	NOAA-12	11,823	none			
24 August 1993	01:22	NOAA-12	11,830	none			
24 August 1993	13:41	NOAA-12	11,837	none			
11 September 1993	10:48	NOAA-11	25,585	none			
22 September 1993	00:57	NOAA-12	12,242	none			
23 September 1993	09:59	NOAA-11	25,754	none			
23 September 1993	21:20	NOAA-11	25,761	none			
24 September 1993	09:46	NOAA-11	25,768	none			
24 September 1993	21:08	NOAA-11	25,775	none			
28 September 1993	22:00	NOAA-11	25,832	none			
29 September 1993	10:30	NOAA-11	25,839	none			
29 September 1993	21:47	NOAA-11	25,846	none			
30 September 1993	10:14	NOAA-11	25,853	none			
30 September 1993	21:36	NOAA-11	25,860	none			
01 October 1993	10:02	NOAA-11	25,867	none			
04 October 1993	11:10	NOAA-11	25,910	none			
04 October 1993	13:59	NOAA-12	12,420	none			
05 October 1993	01:19	NOAA-12	12,427	none			
05 October 1993	10:57	NOAA-11	25,924	none			
06 October 1993	22:02	NOAA-11	25,945	none			
09 October 1993	01:34	NOAA-12	12,484	none			
09 October 1993	13:55	NOAA-12	12,491	none			

Date	Time	Satellite Number	Orbit Number	Data Selected for Analysis	TIO Cruise Number	NMFS Cruise Number	Aerial Survey Number
10 October 1993	01:11	NOAA-12	12,498	none			
16 October 1993	10:19	NOAA-11	26,079	none			
26 October 1993	21:19	NOAA-11	26,227	none			
11 November 1993	01:22	NOAA-12	12,953	none			6
11 November 1993	13:42	NOAA-12	12,960	SST			6
11 November 1993	21:25	NOAA-11	26,453	none			6
12 November 1993	01:00	NOAA-12	12,967	SST			6
15 November 1993	11:00	NOAA-11	26,503	none			6
21 November 1993	01:07	NOAA-12	13,095	SST			6
21 November 1993	21:04	NOAA-11	26,594	none			6
22 November 1993	00:46	NOAA-12	13,109	none			6
23 November 1993	10:55	NOAA-11	26,616	SST			6
24 November 1993	10:43	NOAA-11	26,630	SST			6
25 November 1993	10:31	NOAA-11	26,644	SST			6
25 November 1993	21:54	NOAA-11	26,651	SST			6
26 November 1993	10:19	NOAA-11	26,658	SST			6
28 November 1993	09:54	NOAA-11	26,686	SST			6
28 November 1993	21:18	NOAA-11	26,693	SST/plume			6
05 December 1993	01:05	NOAA-12	13,294	SST	7		6
11 December 1993	10:37	NOAA-11	26,870	SST	7		6
14 December 1993	01:12	NOAA-12	13,422	SST			6
26 December 1993	10:54	NOAA-11	27,082	none			
26 December 1993	22:18	NOAA-11	27,089	none			
28 December 1993	21:53	NOAA-11	27,117	none			
03 January 1994	10:57	NOAA-11	27,195	none			
04 January 1994	10:45	NOAA-11	27,209	none			
04 January 1994	22:09	NOAA-11	27,216	none			
05 January 1994	21:56	NOAA-11	27,230	none			
06 January 1994	01:17	NOAA-12	13,749	none			
09 January 1994	14:10	NOAA-12	13,799	none			
14 January 1994	10:23	NOAA-11	27,350	none			
14 January 1994	21:47	NOAA-11	27,357	none			

Date	Time	Satellite Number	Orbit Number	Data Selected for Analysis	TIO Cruise Number	NMFS Cruise Number	Aerial Survey Number
15 January 1994	01:23	NOAA-12	13,877	none			
15 January 1994	10:11	NOAA-11	27,364	none			
21 January 1994	10:38	NOAA-11	27,449	none			
21 January 1994	22:01	NOAA-11	27,456	none			
22 January 1994	21:49	NOAA-11	27,470	none			
02 February 1994	13:53	NOAA-12	14,140	none			
17 February 1994	13:29	NOAA-12	14,353	SST			7
17 February 1994	21:32	NOAA-11	27,837	none			7
18 February 1994	00:50	NOAA-12	14,360	SST			7
25 February 1994	21:36	NOAA-11	27,950	none			7
03 March 1994	13:29	NOAA-12	14,552	SST			7
04 March 1994	10:34	NOAA-11	28,042	SST			7
07 March 1994	13:42	NOAA-12	14,609	SST			7
08 March 1994	01:01	NOAA-12	14,616	SST			7
09 March 1994	11:14	NOAA-11	28,113	SST			7
10 March 1994	22:17	NOAA-11	28,134	SST/plume			7
11 March 1994	10:42	NOAA-11	28,141	SST			7
12 March 1994	13:41	NOAA-12	14,679	none			7
12 March 1994	21:55	NOAA-11	28,162	none			7
13 March 1994	00:54	NOAA-12	14,686	none			7
14 March 1994	12:50	NOAA-12	14,708	SST			7
17 March 1994	11:16	NOAA-11	28,226	none			
17 March 1994	22:34	NOAA-11	28,233	none			
18 March 1994	00:45	NOAA-12	14,758	none			
18 March 1994	11:04	NOAA-11	28,240	none			
18 March 1994	22:21	NOAA-11	28,247	none			
19 March 1994	00:24	NOAA-12	14,772	none			
19 March 1994	22:07	NOAA-11	28,261	none			
20 March 1994	21:58	NOAA-11	28,275	none			
21 March 1994	21:45	NOAA-11	28,289	none			
22 March 1994	10:14	NOAA-11	28,296	none			
24 March 1994	11:31	NOAA-11	28,325	none			

Date	Time	Satellite Number	Orbit Number	Data Selected for Analysis	TIO Cruise Number	NMFS Cruise Number	Aerial Survey Number
15 January 1994	01:23	NOAA-12	13,877	none			
15 January 1994	10:11	NOAA-11	27,364	none			
21 January 1994	10:38	NOAA-11	27,449	none			
21 January 1994	22:01	NOAA-11	27,456	none			
22 January 1994	21:49	NOAA-11	27,470	none			
02 February 1994	13:53	NOAA-12	14,140	none			
17 February 1994	13:29	NOAA-12	14,353	SST			7
17 February 1994	21:32	NOAA-11	27,837	none			7
18 February 1994	00:50	NOAA-12	14,360	SST			7
25 February 1994	21:36	NOAA-11	27,950	none			7
03 March 1994	13:29	NOAA-12	14,552	SST			7
04 March 1994	10:34	NOAA-11	28,042	SST			7
07 March 1994	13:42	NOAA-12	14,609	SST			7
08 March 1994	01:01	NOAA-12	14,616	SST			7
09 March 1994	11:14	NOAA-11	28,113	SST			7
10 March 1994	22:17	NOAA-11	28,134	SST/plume			7
11 March 1994	10:42	NOAA-11	28,141	SST			7
12 March 1994	13:41	NOAA-12	14,679	none			7
12 March 1994	21:55	NOAA-11	28,162	none			7
13 March 1994	00:54	NOAA-12	14,686	none			7
14 March 1994	12:50	NOAA-12	14,708	SST			7
17 March 1994	11:16	NOAA-11	28,226	none			
17 March 1994	22:34	NOAA-11	28,233	none			
18 March 1994	00:45	NOAA-12	14,758	none			
18 March 1994	11:04	NOAA-11	28,240	none			
18 March 1994	22:21	NOAA-11	28,247	none			
19 March 1994	00:24	NOAA-12	14,772	none			
19 March 1994	22:07	NOAA-11	28,261	none			
20 March 1994	21:58	NOAA-11	28,275	none			
21 March 1994	21:45	NOAA-11	28,289	none			
22 March 1994	10:14	NOAA-11	28,296	none			
24 March 1994	11:31	NOAA-11	28,325	none			

Date	Time	Satellite Number	Orbit Number	Data Selected for Analysis	TIO Cruise Number	NMFS Cruise Number	Aerial Survey Number
29 March 1994	21:48	NOAA-11	28,402	none			
30 March 1994	13:54	NOAA-12	14,935	none			
30 March 1994	21:35	NOAA-11	28,416	none			
01 April 1994	11:34	NOAA-11	28,438	none			
01 April 1994	22:51	NOAA-11	28,445	none			
02 April 1994	11:21	NOAA-11	28,452	none			
02 April 1994	22:39	NOAA-11	28,459	none			
03 April 1994	11:09	NOAA-11	28,466	none			
03 April 1994	22:27	NOAA-11	28,473	none			
04 April 1994	10:56	NOAA-11	28,480	none			
04 April 1994	22:15	NOAA-11	28487	none			
05 April 1994	10:44	NOAA-11	28,494	none			
05 April 1994	22:02	NOAA-11	28,501	none			
06 April 1994	00:36	NOAA-12	15,027	none			
07 April 1994	14:21	NOAA-12	15,049	none			
08 April 1994	13:59	NOAA-12	15,063	none			
10 April 1994	11:24	NOAA-11	28,565	none			
10 April 1994	22:41	NOAA-11	28,572	none			
11 April 1994	00:28	NOAA-12	15,098	none			
11 April 1994	11:11	NOAA-11	28,579	none			
11 April 1994	22:29	NOAA-11	28,586	none			
13 April 1994	10:46	NOAA-11	28,607	none		209	
14 April 1994	10:34	NOAA-11	28,621	none		209	
15 April 1994	10:22	NOAA-11	28,635	none		209	
26 April 1994	11:29	NOAA-11	28,791	none		209	
27 April 1994	11:16	NOAA-11	28,805	none		209	
27 April 1994	22:35	NOAA-11	28,812	none		209	
28 April 1994	11:04	NOAA-11	28,819	none		209	
28 April 1994	22:22	NOAA-11	28,826	none		209	
29 April 1994	10:51	NOAA-11	28,833	none		209	
29 April 1994	22:10	NOAA-11	28,840	none		209	
30 April 1994	00:18	NOAA-12	15,368	none		209	

Date	Time	Satellite Number	Orbit Number	Data Selected for Analysis	TIO Cruise Number	NMFS Cruise Number	Aerial Survey Number
30 April 1994	14:24	NOAA-12	15,376	none		209	
03 May 1994	23:01	NOAA-11	28,897	none		209	8
04 May 1994	00:32	NOAA-12	15,425	SST		209	8
04 May 1994	11:31	NOAA-11	28,904	none		209	8
05 May 1994	11:19	NOAA-11	28,918	none		209	8
05 May 1994	14:16	NOAA-12	15,447	none		209	8
05 May 1994	22:37	NOAA-11	28,925	SST		209	8
06 May 1994	11:06	NOAA-11	28,932	SST		209	8
06 May 1994	13:55	NOAA-12	15,461	SST		209	8
06 May 1994	22:25	NOAA-11	28,939	SST		209	8
07 May 1994	10:54	NOAA-11	28,946	SST		209	8
10 May 1994	14:08	NOAA-12	15,518	none		209	8
10 May 1994	21:35	NOAA-11	28,995	none		209	8
11 May 1994	23:03	NOAA-11	29,010	none		209	8
13 May 1994	22:39	NOAA-11	29,038	none		209	8
14 May 1994	11:09	NOAA-11	29,045	none		209	8
14 May 1994	14:22	NOAA-12	15,575	none		209	8
15 May 1994	10:56	NOAA-11	29,059	SST		209	8
16 May 1994	10:44	NOAA-11	29,073	SST		209	8
16 May 1994	13:39	NOAA-12	15,603	SST		209	8
16 May 1994	22:03	NOAA-11	29,080	none		209	8
17 May 1994	10:31	NOAA-11	29,087	none		209	8
17 May 1994	21:50	NOAA-11	29,094	none		209	8
18 May 1994	00:30	NOAA-12	15,624	none		209	8
18 May 1994	10:19	NOAA-11	29,101	none		209	8
18 May 1994	14:36	NOAA-12	15,632	none		209	8
18 May 1994	21:37	NOAA-11	29,108	none		209	8
19 May 1994	11:49	NOAA-11	29,116	none		209	8
19 May 1994	14:14	NOAA-12	15,646	SST		209	8
19 May 1994	23:05	NOAA-11	29,123	none		209	8
20 May 1994	11:36	NOAA-11	29,130	none		209	8
20 May 1994	13:53	NOAA-12	15,660	SST		209	8

Date	Time	Satellite Number	Orbit Number	Data Selected for Analysis	TIO Cruise Number	NMFS Cruise Number	Aerial Survey Number
20 May 1994	22:53	NOAA-11	29,137	none		209	8
21 May 1994	11:24	NOAA-11	29,144	none		209	8
24 May 1994	10:46	NOAA-11	29,186	SST/plume		209	8
24 May 1994	14:06	NOAA-12	15,717	none		209	8
24 May 1994	22:05	NOAA-11	29,193	none		209	8
25 May 1994	10:34	NOAA-11	29,200	SST/plume		209	8
25 May 1994	13:44	NOAA-12	15,731	none		209	8
25 May 1994	21:52	NOAA-11	29,207	none		209	8
26 May 1994	10:21	NOAA-11	29,214	none		209	8
26 May 1994	21:40	NOAA-11	29,221	none		209	8
28 May 1994	14:20	NOAA-12	15,774	none		209	8
29 May 1994	11:26	NOAA-11	29,257	SST/plume		209	8
29 May 1994	13:58	NOAA-12	15,788	none		209	8
29 May 1994	22:43	NOAA-11	29,264	none		209	8
30 May 1994	22:32	NOAA-11	29,278	SST		209	8
31 May 1994	11:01	NOAA-11	29,285	SST/plume		209	8
02 June 1994	14:12	NOAA-12	15,845	SST		209	8
04 June 1994	11:53	NOAA-11	29,342	none		209	
04 June 1994	23:10	NOAA-11	29,349	none		209	
05 June 1994	11:41	NOAA-11	29,356	none		209	
05 June 1994	22:58	NOAA-11	29,363	none		209	
06 June 1994	14:25	NOAA-12	15,902	none		209	
07 June 1994	11:16	NOAA-11	29,384	SST		209	
07 June 1994	14:03	NOAA-12	15,916	none		209	
07 June 1994	22:34	NOAA-11	29,391	SST/plume		209	
08 June 1994	11:03	NOAA-11	29,398	SST		209	
08 June 1994	22:22	NOAA-11	29,405	SST/plume		209	
09 June 1994	10:51	NOAA-11	29,412	SST/plume		209	
09 June 1994	22:10	NOAA-11	29,419	SST/plume		209	
10 June 1994	10:38	NOAA-11	29,426	SST/plume			

Linkage between digital count values in satellite image products derived from the AVHRR and physical data values in each channel's associated data base. The data associated with digital count 0 are null values used as land and cloud masks. Water turbidity data (channel 7) were processed for daytime overflights only.

Image Channel Number and Corresponding Data Product

	1	2	3	4	5	6	7
Digital Count	SST (°C)	SST gradient magnitude (°C/1.1 km)	SST gradient direction (angular degrees)	North/South SST gradient component (°C/1.1 km)	East/West SST gradient component (°C/1.1 km)	Satellite scan angle (degrees)	Water turbidity (percent reflectance)
0	-46.4	-0.21	-2.42	-50.39	-50.39	-0.19	-23.90
1	7.6	0.01	1.41	-2.98	-2.98	0.22	0.02
2	7.7	0.02	2.82	-2.95	-2.95	0.44	0.05
3	7.8	0.04	4.24	-2.93	-2.93	0.67	0.07
4	7.9	0.05	5.65	-2.91	-2.91	0.89	0.09
5	8.0	0.06	7.06	-2.88	-2.88	1.11	0.12
6	8.1	0.07	8.47	-2.86	-2.86	1.33	0.14
7	8.2	0.08	9.88	-2.84	-2.84	1.56	0.16
8	8.3	0.09	11.29	-2.81	-2.81	1.78	0.19
9	8.4	0.11	12.71	-2.79	-2.79	2.00	0.21
10	8.5	0.12	14.12	-2.76	-2.76	2.22	0.24
11	8.6	0.13	15.53	-2.74	-2.74	2.45	0.26
12	8.7	0.14	16.94	-2.72	-2.72	2.67	0.28
13	8.8	0.15	18.35	-2.69	-2.69	2.89	0.31
14	8.9	0.16	19.77	-2.67	-2.67	3.04	0.33
15	9.0	0.18	21.18	-2.65	-2.65	3.26	0.35
16	9.1	0.19	22.59	-2.62	-2.62	3.48	0.38
17	9.2	0.20	24.00	-2.60	-2.60	3.70	0.40
18	9.3	0.21	25.41	-2.58	-2.58	3.92	0.42
19	9.4	0.22	26.82	-2.55	-2.55	4.14	0.45
20	9.5	0.24	28.24	-2.53	-2.53	4.36	0.47
21	9.6	0.25	29.65	-2.51	-2.51	4.59	0.49
22	9.7	0.26	31.06	-2.48	-2.48	4.81	0.52
23	9.8	0.27	32.47	-2.46	-2.46	5.03	0.54

Image Channel Number and Corresponding Data Product

	1	2	3	4	5	6	7
Digital Count	SST (°C)	SST gradient magnitude (°C/1.1 km)	SST gradient direction (angular degrees)	North/South SST gradient component (°C/1.1 km)	East/West SST gradient component (°C/1.1 km)	Satellite scan angle (degrees)	Water turbidity (percent reflectance)
24	9.9	0.28	33.88	-2.44	-2.44	5.25	0.56
25	10.0	0.29	35.29	-2.41	-2.41	5.47	0.59
26	10.1	0.31	36.71	-2.39	-2.39	5.69	0.61
27	10.2	0.32	38.12	-2.36	-2.36	5.91	0.64
28	10.3	0.33	39.53	-2.34	-2.34	6.13	0.66
29	10.4	0.34	40.94	-2.32	-2.32	6.35	0.68
30	10.5	0.35	42.35	-2.29	-2.29	6.56	0.71
31	10.6	0.36	43.77	-2.27	-2.27	6.78	0.73
32	10.7	0.38	45.18	-2.25	-2.25	7.00	0.75
33	10.8	0.39	46.59	-2.22	-2.22	7.22	0.78
34	10.9	0.40	48.00	-2.20	-2.20	7.44	0.80
35	11.0	0.41	49.41	-2.18	-2.18	7.66	0.82
36	11.1	0.42	50.82	-2.15	-2.15	7.87	0.85
37	11.2	0.44	52.24	-2.13	-2.13	8.09	0.87
38	11.3	0.45	53.65	-2.11	-2.11	8.31	0.89
39	11.4	0.46	55.06	-2.08	-2.08	8.52	0.92
40	11.5	0.47	56.47	-2.06	-2.06	8.74	0.94
41	11.6	0.48	57.88	-2.03	-2.03	8.96	0.96
42	11.7	0.49	59.29	-2.01	-2.01	9.17	0.99
43	11.8	0.51	60.71	-1.99	-1.99	9.39	1.01
44	11.9	0.52	62.12	-1.96	-1.96	9.60	1.04
45	12.0	0.53	63.53	-1.94	-1.94	9.82	1.06
46	12.1	0.54	64.94	-1.92	-1.92	10.03	1.08
47	12.2	0.55	66.35	-1.89	-1.89	10.25	1.11
48	12.3	0.56	67.76	-1.87	-1.87	10.46	1.13
49	12.4	0.58	69.18	-1.85	-1.85	10.67	1.15
50	12.5	0.59	70.59	-1.82	-1.82	10.89	1.18
51	12.6	0.60	72.00	-1.80	-1.80	11.10	1.20

Image Channel Number and Corresponding Data Product

	1	2	3	4	5	6	7
Digital Count	SST (°C)	SST gradient magnitude (°C/1.1 km)	SST gradient direction (angular degrees)	North/South SST gradient component (°C/1.1 km)	East/West SST gradient component (°C/1.1 km)	Satellite scan angle (degrees)	Water turbidity (percent reflectance)
52	12.7	0.61	73.41	-1.78	-1.78	11.31	1.22
53	12.8	0.62	74.82	-1.75	-1.75	11.52	1.25
54	12.9	0.64	76.24	-1.73	-1.73	11.73	1.27
55	13.0	0.65	77.65	-1.71	-1.71	11.95	1.29
56	13.1	0.66	79.06	-1.68	-1.68	12.16	1.32
57	13.2	0.67	80.47	-1.66	-1.66	12.37	1.34
58	13.3	0.68	81.88	-1.64	-1.64	12.65	1.36
59	13.4	0.69	83.30	-1.61	-1.61	12.86	1.39
60	13.5	0.71	84.71	-1.59	-1.59	13.07	1.41
61	13.6	0.72	86.12	-1.56	-1.56	13.27	1.44
62	13.7	0.73	87.53	-1.54	-1.54	13.48	1.46
63	13.8	0.74	88.94	-1.52	-1.52	13.69	1.48
64	13.9	0.75	90.35	-1.49	-1.49	13.90	1.51
65	14.0	0.76	91.77	-1.47	-1.47	14.10	1.53
66	14.1	0.78	93.18	-1.45	-1.45	14.38	1.55
67	14.2	0.79	94.59	-1.42	-1.42	14.58	1.58
68	14.3	0.80	96.00	-1.40	-1.40	14.79	1.60
69	14.4	0.81	97.41	-1.38	-1.38	14.99	1.62
70	14.5	0.82	98.83	-1.35	-1.35	15.20	1.65
71	14.6	0.84	100.24	-1.33	-1.33	15.40	1.67
72	14.7	0.85	101.65	-1.31	-1.31	15.67	1.69
73	14.8	0.86	103.06	-1.28	-1.28	15.87	1.72
74	14.9	0.87	104.47	-1.26	-1.26	16.08	1.74
75	15.0	0.88	105.88	-1.24	-1.24	16.28	1.76
76	15.1	0.89	107.29	-1.21	-1.21	16.55	1.79
77	15.2	0.91	108.71	-1.19	-1.19	16.75	1.81
78	15.3	0.92	110.12	-1.16	-1.16	16.95	1.84
79	15.4	0.93	111.53	-1.14	-1.14	17.15	1.86

Image Channel Number and Corresponding Data Product

	1	2	3	4	5	6	7
Digital Count	SST (°C)	SST gradient magnitude (°C/1.1 km)	SST gradient direction (angular degrees)	North/South SST gradient component (°C/1.1 km)	East/West SST gradient component (°C/1.1 km)	Satellite scan angle (degrees)	Water turbidity (percent reflectance)
80	15.5	0.94	112.94	-1.12	-1.12	17.41	1.88
81	15.6	0.95	114.35	-1.09	-1.09	17.61	1.91
82	15.7	0.96	115.77	-1.07	-1.07	17.81	1.93
83	15.8	0.98	117.18	-1.05	-1.05	18.00	1.95
84	15.9	0.99	118.59	-1.02	-1.02	18.27	1.98
85	16.0	1.00	120.00	-1.00	-1.00	18.46	2.00
86	16.1	1.01	121.41	-0.98	-0.98	18.66	2.02
87	16.2	1.02	122.82	-0.95	-0.95	18.92	2.05
88	16.3	1.04	124.24	-0.93	-0.93	19.11	2.07
89	16.4	1.05	125.65	-0.91	-0.91	19.30	2.09
90	16.5	1.06	127.06	-0.88	-0.88	19.56	2.12
91	16.6	1.07	128.47	-0.86	-0.86	19.75	2.14
92	16.7	1.08	129.88	-0.84	-0.84	20.01	2.16
93	16.8	1.09	131.29	-0.81	-0.81	20.20	2.19
94	16.9	1.11	132.71	-0.79	-0.79	20.39	2.21
95	17.0	1.12	134.12	-0.76	-0.76	20.64	2.24
96	17.1	1.13	135.53	-0.74	-0.74	20.83	2.26
97	17.2	1.14	136.94	-0.72	-0.72	21.08	2.28
98	17.3	1.15	138.35	-0.69	-0.69	21.27	2.31
99	17.4	1.16	139.77	-0.67	-0.67	21.52	2.33
100	17.5	1.18	141.18	-0.65	-0.65	21.70	2.35
101	17.6	1.19	142.59	-0.62	-0.62	21.95	2.38
102	17.7	1.20	144.00	-0.60	-0.60	22.13	2.40
103	17.8	1.21	145.41	-0.58	-0.58	22.38	2.42
104	17.9	1.22	146.82	-0.55	-0.55	22.56	2.45
105	18.0	1.24	148.24	-0.53	-0.53	22.80	2.47
106	18.1	1.25	149.65	-0.51	-0.51	23.05	2.49
107	18.2	1.26	151.06	-0.48	-0.48	23.23	2.52

Image Channel Number and Corresponding Data Product

	1	2	3	4	5	6	7
Digital Count	SST (°C)	SST gradient magnitude (°C/1.1 km)	SST gradient direction (angular degrees)	North/South SST gradient component (°C/1.1 km)	East/West SST gradient component (°C/1.1 km)	Satellite scan angle (degrees)	Water turbidity (percent reflectance)
108	18.3	1.27	152.47	-0.46	-0.46	23.47	2.54
109	18.4	1.28	153.88	-0.44	-0.44	23.65	2.56
110	18.5	1.29	155.29	-0.41	-0.41	23.89	2.59
111	18.6	1.31	156.71	-0.39	-0.39	24.12	2.61
112	18.7	1.32	158.12	-0.36	-0.36	24.30	2.64
113	18.8	1.33	159.53	-0.34	-0.34	24.54	2.66
114	18.9	1.34	160.94	-0.32	-0.32	24.77	2.68
115	19.0	1.35	162.35	-0.29	-0.29	24.94	2.71
116	19.1	1.36	163.76	-0.27	-0.27	25.18	2.73
117	19.2	1.38	165.18	-0.25	-0.25	25.41	2.75
118	19.3	1.39	166.59	-0.22	-0.22	25.64	2.78
119	19.4	1.40	168.00	-0.20	-0.20	25.81	2.80
120	19.5	1.41	169.41	-0.18	-0.18	26.04	2.82
121	19.6	1.42	170.82	-0.15	-0.15	26.26	2.85
122	19.7	1.44	172.24	-0.13	-0.13	26.49	2.87
123	19.8	1.45	173.65	-0.11	-0.11	26.71	2.89
124	19.9	1.46	175.06	-0.08	-0.08	26.94	2.92
125	20.0	1.47	176.47	-0.06	-0.06	27.16	2.94
126	20.1	1.48	177.88	-0.04	-0.04	27.33	2.96
127	20.2	1.49	179.29	-0.01	-0.01	27.55	2.99
128	20.3	1.51	180.71	0.01	0.01	27.77	3.01
129	20.4	1.52	182.12	0.04	0.04	27.98	3.04
130	20.5	1.53	183.53	0.06	0.06	28.20	3.06
131	20.6	1.54	184.94	0.08	0.08	28.42	3.08
132	20.7	1.55	186.35	0.11	0.11	28.63	3.11
133	20.8	1.56	187.76	0.13	0.13	28.85	3.13
134	20.9	1.58	189.18	0.15	0.15	29.11	3.15
135	21.0	1.59	190.59	0.18	0.18	29.32	3.18

Image Channel Number and Corresponding Data Product

	1	2	3	4	5	6	7
Digital Count	SST (°C)	SST gradient magnitude (°C/1.1 km)	SST gradient direction (angular degrees)	North/South SST gradient component (°C/1.1 km)	East/West SST gradient component (°C/1.1 km)	Satellite scan angle (degrees)	Water turbidity (percent reflectance)
136	21.1	1.60	192.00	0.20	0.20	29.53	3.20
137	21.2	1.61	193.41	0.22	0.22	29.74	3.22
138	21.3	1.62	194.82	0.25	0.25	29.95	3.25
139	21.4	1.64	196.24	0.27	0.27	30.15	3.27
140	21.5	1.65	197.65	0.29	0.29	30.41	3.29
141	21.6	1.66	199.06	0.32	0.32	30.62	3.32
142	21.7	1.67	200.47	0.34	0.34	30.82	3.34
143	21.8	1.68	201.88	0.36	0.36	31.02	3.36
144	21.9	1.69	203.29	0.39	0.39	31.27	3.39
145	22.0	1.71	204.71	0.41	0.41	31.47	3.41
146	22.1	1.72	206.12	0.44	0.44	31.67	3.44
147	22.2	1.73	207.53	0.46	0.46	31.91	3.46
148	22.3	1.74	208.94	0.48	0.48	32.11	3.48
149	22.4	1.75	210.35	0.51	0.51	32.35	3.51
150	22.5	1.76	211.76	0.53	0.53	32.55	3.53
151	22.6	1.78	213.18	0.55	0.55	32.79	3.55
152	22.7	1.79	214.59	0.58	0.58	32.98	3.58
153	22.8	1.80	216.00	0.60	0.60	33.21	3.60
154	22.9	1.81	217.41	0.62	0.62	33.40	3.62
155	23.0	1.82	218.82	0.65	0.65	33.64	3.65
156	23.1	1.84	220.24	0.67	0.67	33.87	3.67
157	23.2	1.85	221.65	0.69	0.69	34.05	3.69
158	23.3	1.86	223.06	0.72	0.72	34.28	3.72
159	23.4	1.87	224.47	0.74	0.74	34.51	3.74
160	23.5	1.88	225.88	0.76	0.76	34.73	3.76
161	23.6	1.89	227.29	0.79	0.79	34.96	3.79
162	23.7	1.91	228.71	0.81	0.81	35.14	3.81
163	23.8	1.92	230.12	0.84	0.84	35.36	3.84

Image Channel Number and Corresponding Data Product

	1	2	3	4	5	6	7
Digital Count	SST (°C)	SST gradient magnitude (°C/1.1 km)	SST gradient direction (angular degrees)	North/South SST gradient component (°C/1.1 km)	East/West SST gradient component (°C/1.1 km)	Satellite scan angle (degrees)	Water turbidity (percent reflectance)
164	23.9	1.93	231.53	0.86	0.86	35.58	3.86
165	24.0	1.94	232.94	0.88	0.88	35.80	3.88
166	24.1	1.95	234.35	0.91	0.91	36.01	3.91
167	24.2	1.96	235.76	0.93	0.93	36.23	3.93
168	24.3	1.98	237.18	0.95	0.95	36.44	3.95
169	24.4	1.99	238.59	0.98	0.98	36.65	3.98
170	24.5	2.00	240.00	1.00	1.00	36.90	4.00
171	24.6	2.01	241.41	1.02	1.02	37.11	4.02
172	24.7	2.02	242.82	1.05	1.05	37.32	4.05
173	24.8	2.04	244.24	1.07	1.07	37.52	4.07
174	24.9	2.05	245.65	1.09	1.09	37.76	4.09
175	25.0	2.06	247.06	1.12	1.12	37.97	4.12
176	25.1	2.07	248.47	1.14	1.14	38.21	4.14
177	25.2	2.08	249.88	1.16	1.16	38.40	4.16
178	25.3	2.09	251.29	1.19	1.19	38.64	4.19
179	25.4	2.11	252.71	1.21	1.21	38.83	4.21
180	25.5	2.12	254.12	1.24	1.24	39.07	4.24
181	25.6	2.13	255.53	1.26	1.26	39.26	4.26
182	25.7	2.14	256.94	1.28	1.28	39.49	4.28
183	25.8	2.15	258.35	1.31	1.31	39.71	4.31
184	25.9	2.16	259.76	1.33	1.33	39.93	4.33
185	26.0	2.18	261.18	1.35	1.35	40.16	4.35
186	26.1	2.19	262.59	1.38	1.38	40.34	4.38
187	26.2	2.20	264.00	1.40	1.40	40.56	4.40
188	26.3	2.21	265.41	1.42	1.42	40.77	4.42
189	26.4	2.22	266.82	1.45	1.45	41.02	4.45
190	26.5	2.24	268.24	1.47	1.47	41.23	4.47
191	26.6	2.25	269.65	1.49	1.49	41.44	4.49

Image Channel Number and Corresponding Data Product

	1	2	3	4	5	6	7
Digital Count	SST (°C)	SST gradient magnitude (°C/1.1 km)	SST gradient direction (angular degrees)	North/South SST gradient component (°C/1.1 km)	East/West SST gradient component (°C/1.1 km)	Satellite scan angle (degrees)	Water turbidity (percent reflectance)
192	26.7	2.26	271.06	1.52	1.52	41.65	4.52
193	26.8	2.27	272.47	1.54	1.54	41.86	4.54
194	26.9	2.28	273.88	1.56	1.56	42.09	4.56
195	27.0	2.29	275.29	1.59	1.59	42.29	4.59
196	27.1	2.31	276.71	1.61	1.61	42.53	4.61
197	27.2	2.32	278.12	1.64	1.64	42.72	4.64
198	27.3	2.33	279.53	1.66	1.66	42.95	4.66
199	27.4	2.34	280.94	1.68	1.68	43.18	4.68
200	27.5	2.35	282.35	1.71	1.71	43.40	4.71
201	27.6	2.36	283.77	1.73	1.73	43.62	4.73
202	27.7	2.38	285.18	1.75	1.75	43.84	4.75
203	27.8	2.39	286.59	1.78	1.78	44.05	4.78
204	27.9	2.40	288.00	1.80	1.80	44.27	4.80
205	28.0	2.41	289.41	1.82	1.82	44.48	4.82
206	28.1	2.42	290.82	1.85	1.85	44.68	4.85
207	28.2	2.44	292.24	1.87	1.87	44.89	4.87
208	28.3	2.45	293.65	1.89	1.89	45.12	4.89
209	28.4	2.46	295.06	1.92	1.92	45.32	4.92
210	28.5	2.47	296.47	1.94	1.94	45.55	4.94
211	28.6	2.48	297.88	1.96	1.96	45.78	4.97
212	28.7	2.49	299.29	1.99	1.99	46.00	4.99
213	28.8	2.51	300.71	2.01	2.01	46.22	5.01
214	28.9	2.52	302.12	2.04	2.04	46.43	5.04
215	29.0	2.53	303.53	2.06	2.06	46.65	5.06
216	29.1	2.54	304.94	2.08	2.08	46.86	5.08
217	29.2	2.55	306.35	2.11	2.11	47.06	5.11
218	29.3	2.56	307.76	2.13	2.13	47.29	5.13
219	29.4	2.58	309.18	2.15	2.15	47.50	5.15

Image Channel Number and Corresponding Data Product

	1	2	3	4	5	6	7
Digital Count	SST (°C)	SST gradient magnitude (°C/1.1 km)	SST gradient direction (angular degrees)	North/South SST gradient component (°C/1.1 km)	East/West SST gradient component (°C/1.1 km)	Satellite scan angle (degrees)	Water turbidity (percent reflectance)
220	29.5	2.59	310.59	2.18	2.18	47.72	5.18
221	29.6	2.60	312.00	2.20	2.20	47.94	5.20
222	29.7	2.61	313.41	2.22	2.22	48.16	5.22
223	29.8	2.62	314.82	2.25	2.25	48.38	5.25
224	29.9	2.64	316.24	2.27	2.27	48.59	5.27
225	30.0	2.65	317.65	2.29	2.29	48.80	5.29
226	30.1	2.66	319.06	2.32	2.32		5.32
227	30.2	2.67	320.47	2.34	2.34		5.34
228	30.3	2.68	321.88	2.36	2.36		5.36
229	30.4	2.69	323.29	2.39	2.39		5.39
230	30.5	2.71	324.71	2.41	2.41		5.41
231	30.6	2.72	326.12	2.44	2.44		5.44
232	30.7	2.73	327.53	2.46	2.46		5.46
233	30.8	2.74	328.94	2.48	2.48		5.48
234	30.9	2.75	330.35	2.51	2.51		5.51
235	31.0	2.76	331.77	2.53	2.53		5.53
236	31.1	2.78	333.18	2.55	2.55		5.55
237	31.2	2.79	334.59	2.58	2.58		5.58
238	31.3	2.80	336.00	2.60	2.60		5.60
239	31.4	2.81	337.41	2.62	2.62		5.62
240	31.5	2.82	338.82	2.65	2.65		5.65
241	31.6	2.84	340.24	2.67	2.67		5.67
242	31.7	2.85	341.65	2.69	2.69		5.70
243	31.8	2.86	343.06	2.72	2.72		5.72
244	31.9	2.87	344.47	2.74	2.74		5.74
245	32.0	2.88	345.88	2.76	2.76		5.77
246	32.1	2.89	347.29	2.79	2.79		5.79
247	32.2	2.91	348.71	2.81	2.81		5.81

Image Channel Number and Corresponding Data Product

	1	2	3	4	5	6	7
Digital Count	SST (°C)	SST gradient magnitude (°C/1.1 km)	SST gradient direction (angular degrees)	North/South SST gradient component (°C/1.1 km)	East/West SST gradient component (°C/1.1 km)	Satellite scan angle (degrees)	Water turbidity (percent reflectance)
248	32.3	2.92	350.12	2.84	2.84		5.84
249	32.4	2.93	351.53	2.86	2.86		5.86
250	32.5	2.94	352.94	2.88	2.88		5.88
251	32.6	2.95	354.35	2.91	2.91		5.91
252	32.7	2.96	355.76	2.93	2.93		5.93
253	32.8	2.98	357.18	2.95	2.95		5.95
254	32.9	2.99	358.59	2.98	2.98		5.98
255		3.00	360.00	3.00	3.00		6.00

4.2 Satellite Images

NOAA 11, Orbit 18404

4/20/92 20:43 GMT

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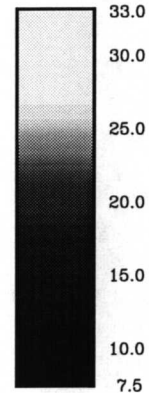
-95

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382

Temperature (°C)



NOAA 11, Orbit 18411

4/21/92 9:08 GMT

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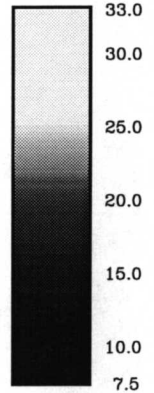
-95

-90

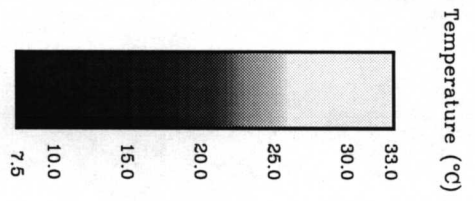
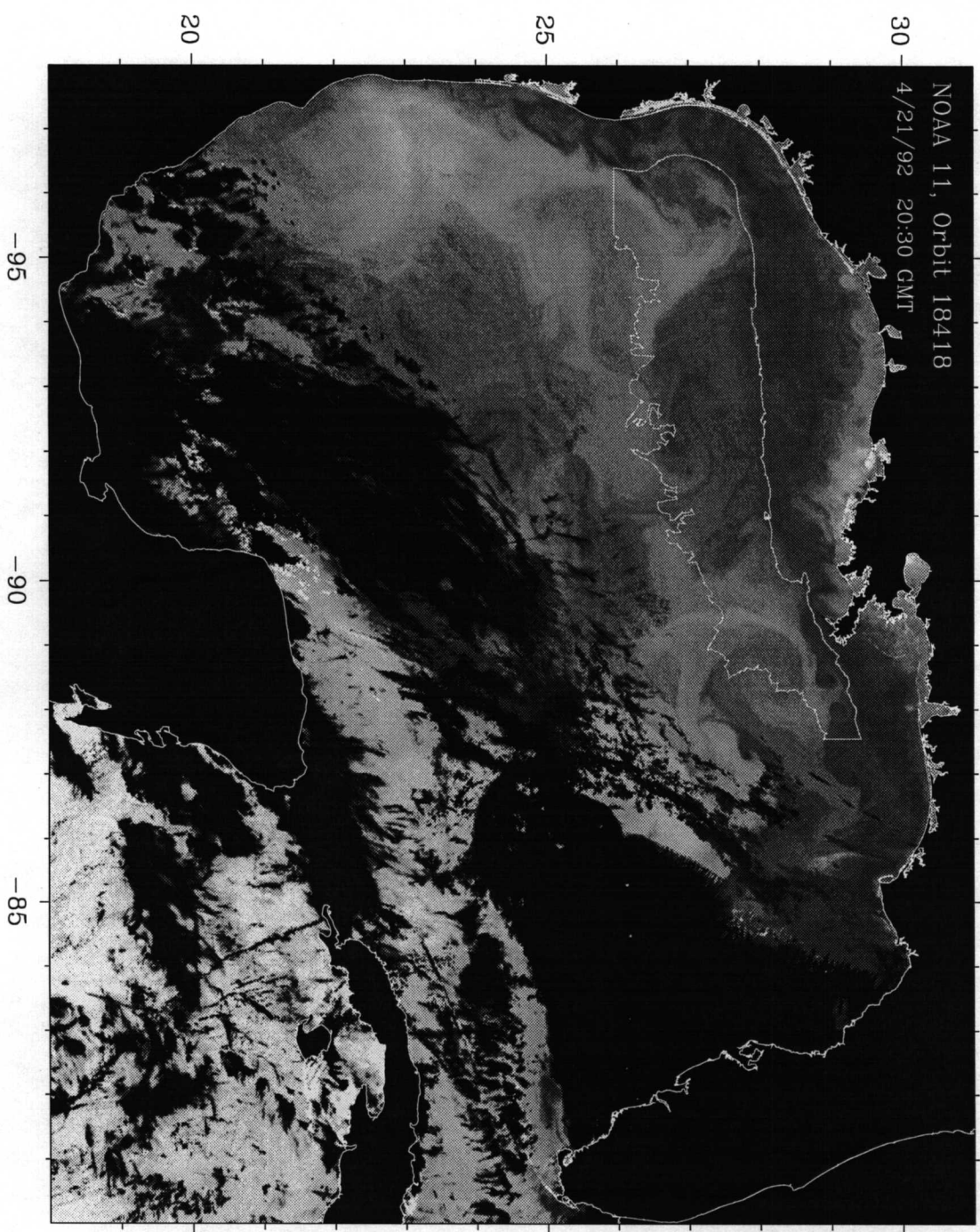
-85

383

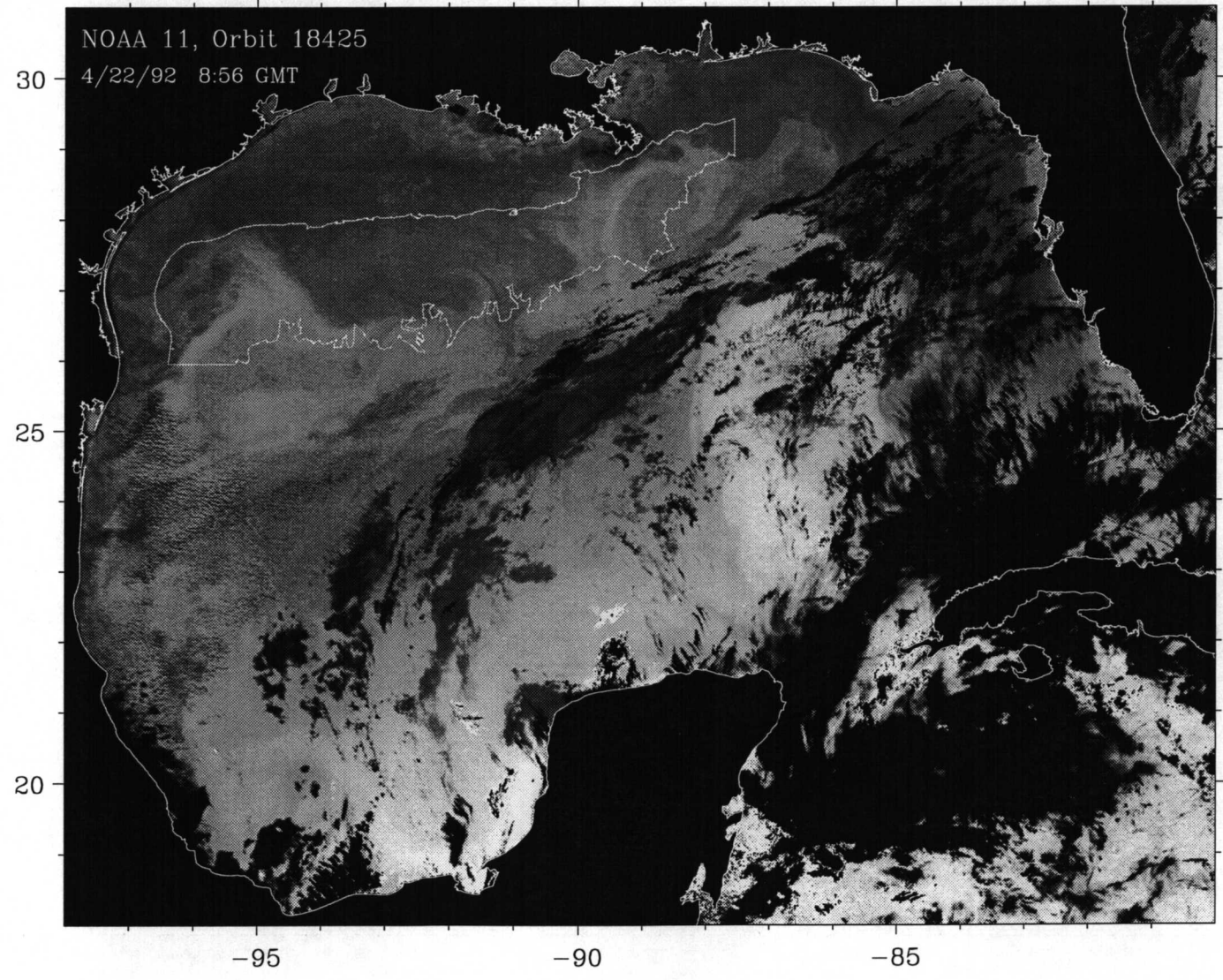
Temperature (°C)



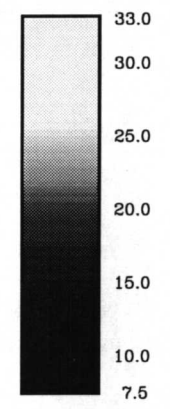
NOAA 11, Orbit 18418
4/21/92 20:30 GMT

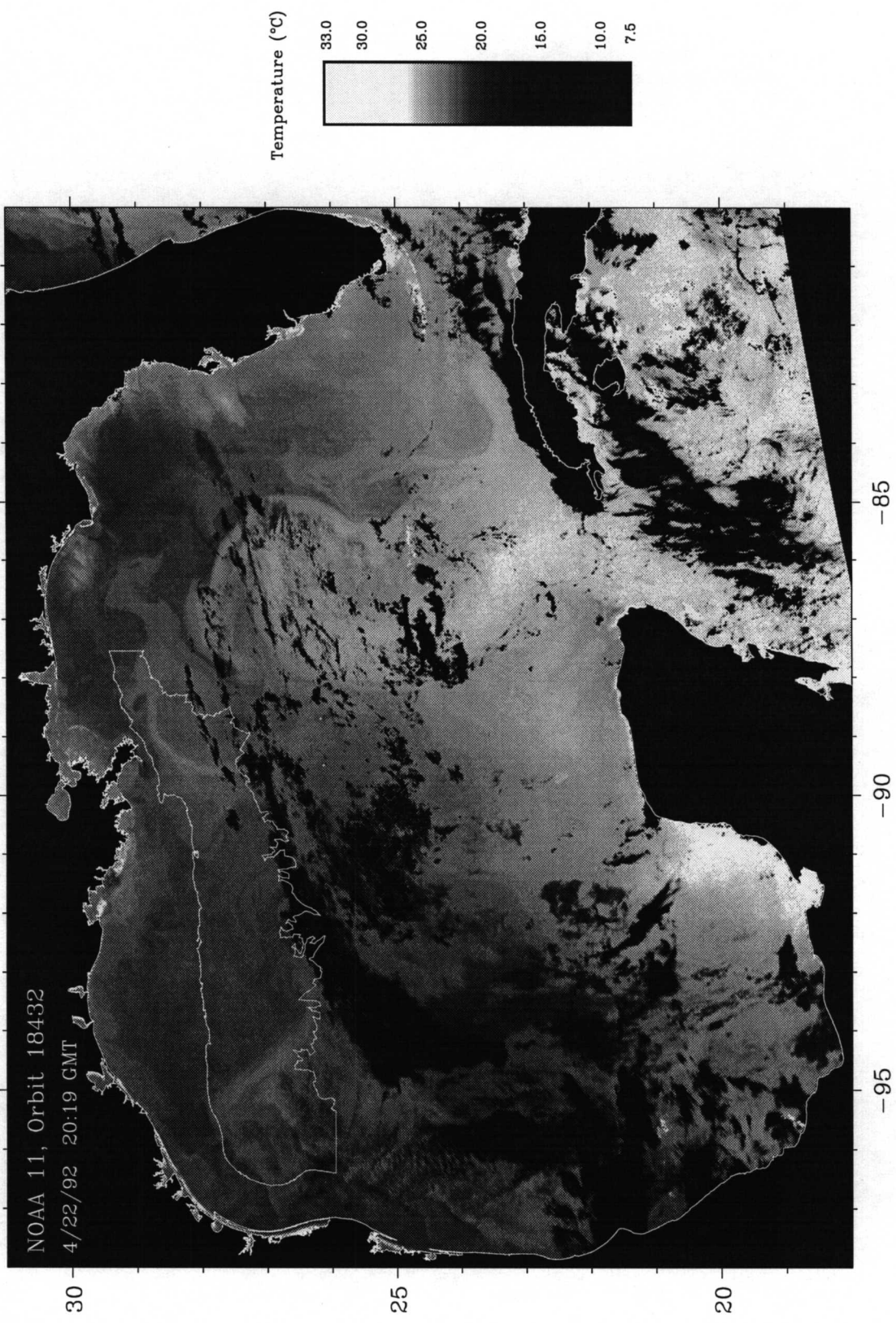


385



Temperature (°C)





NOAA 11, Orbit 18439

4/23/92 8:44 GMT

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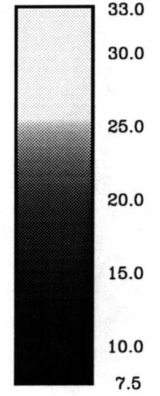
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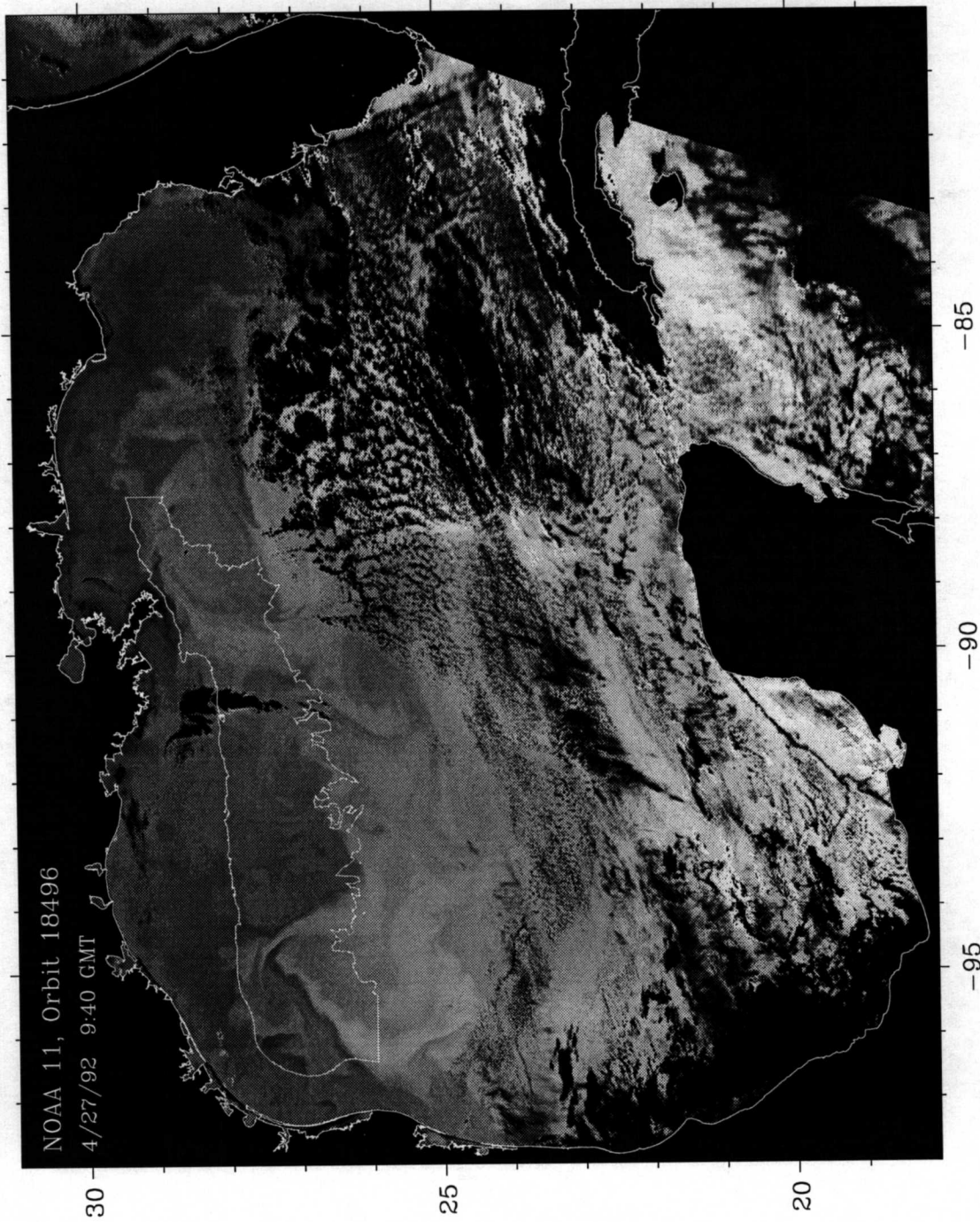
-90

-85

387

Temperature (°C)





NOAA 11, Orbit 18503

4/27/92 21:00 GMT

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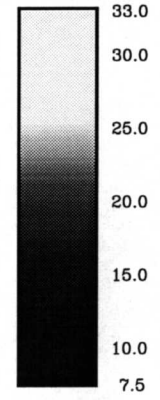
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-90

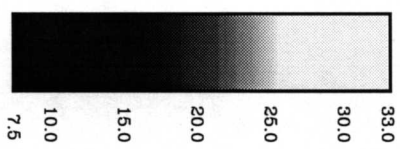
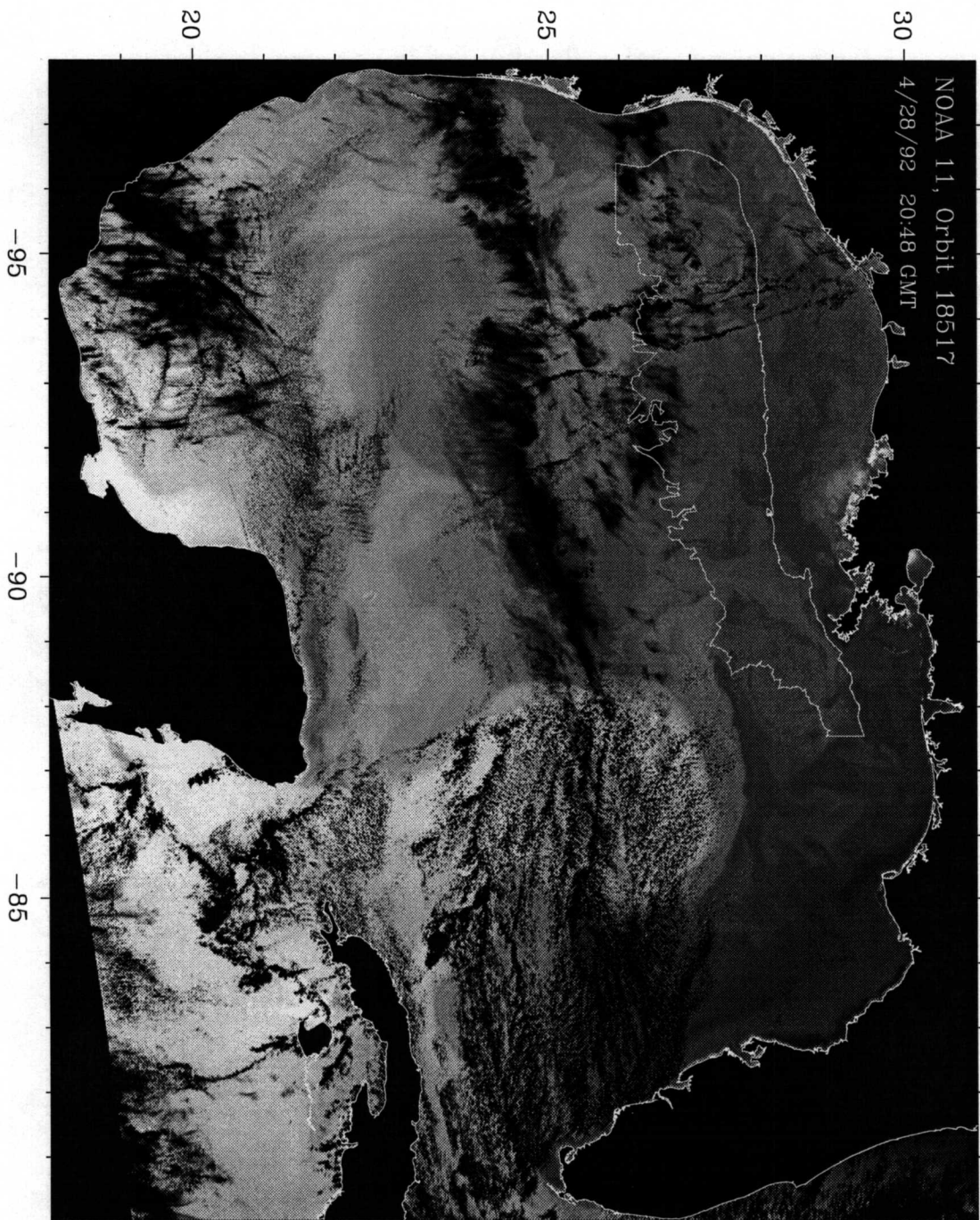
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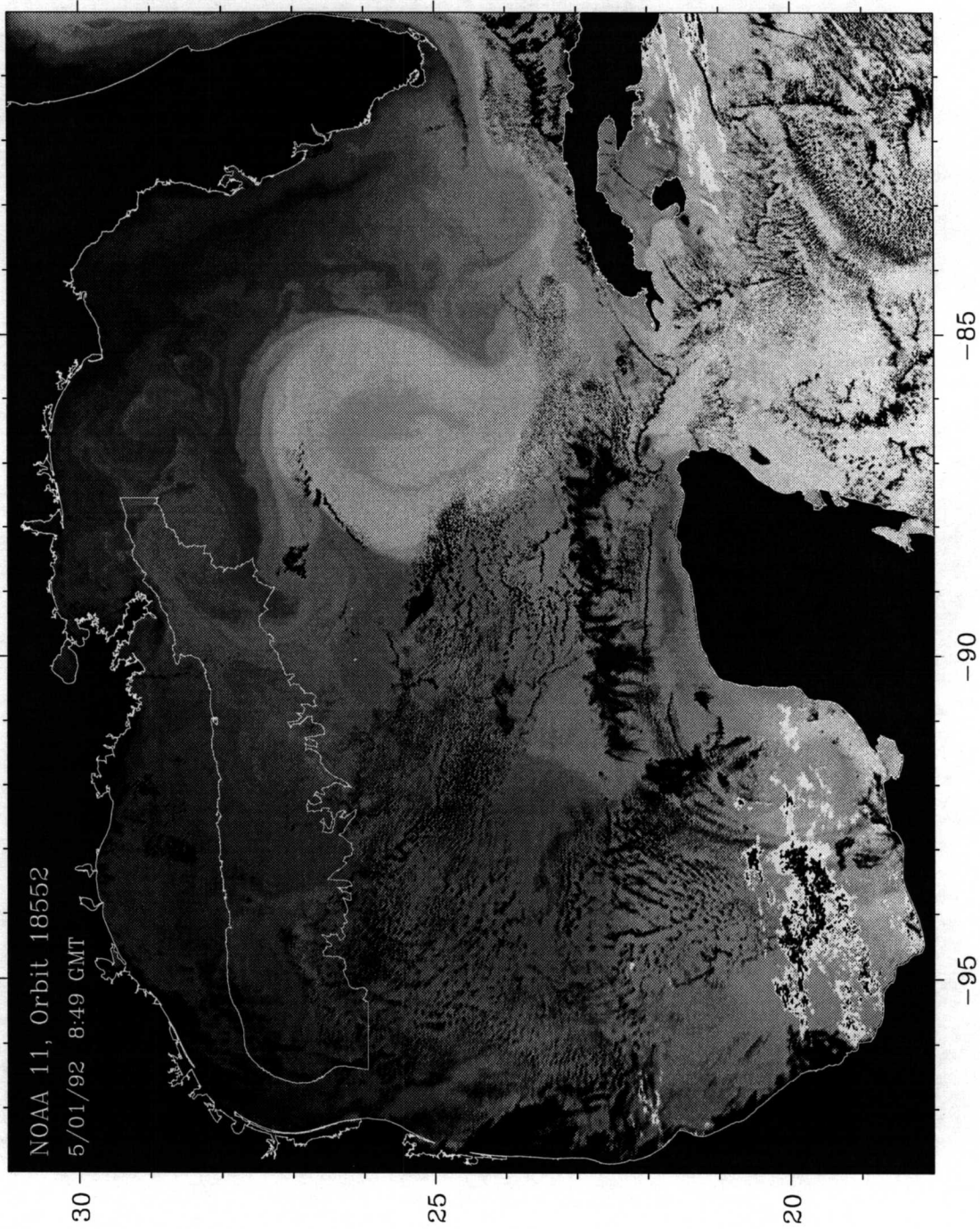
389

Temperature (°C)



NOAA 11, Orbit 18517
4/28/92 20:48 GMT





NOAA 11, Orbit 18559

5/01/92 20:12 GMT

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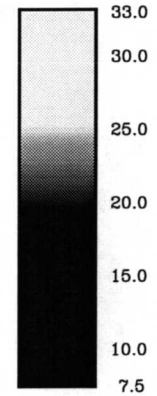
-95

-90

-85

392

Temperature (°C)



NOAA 11, Orbit 18566

5/02/92 8:37 GMT

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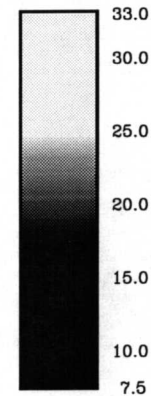
393

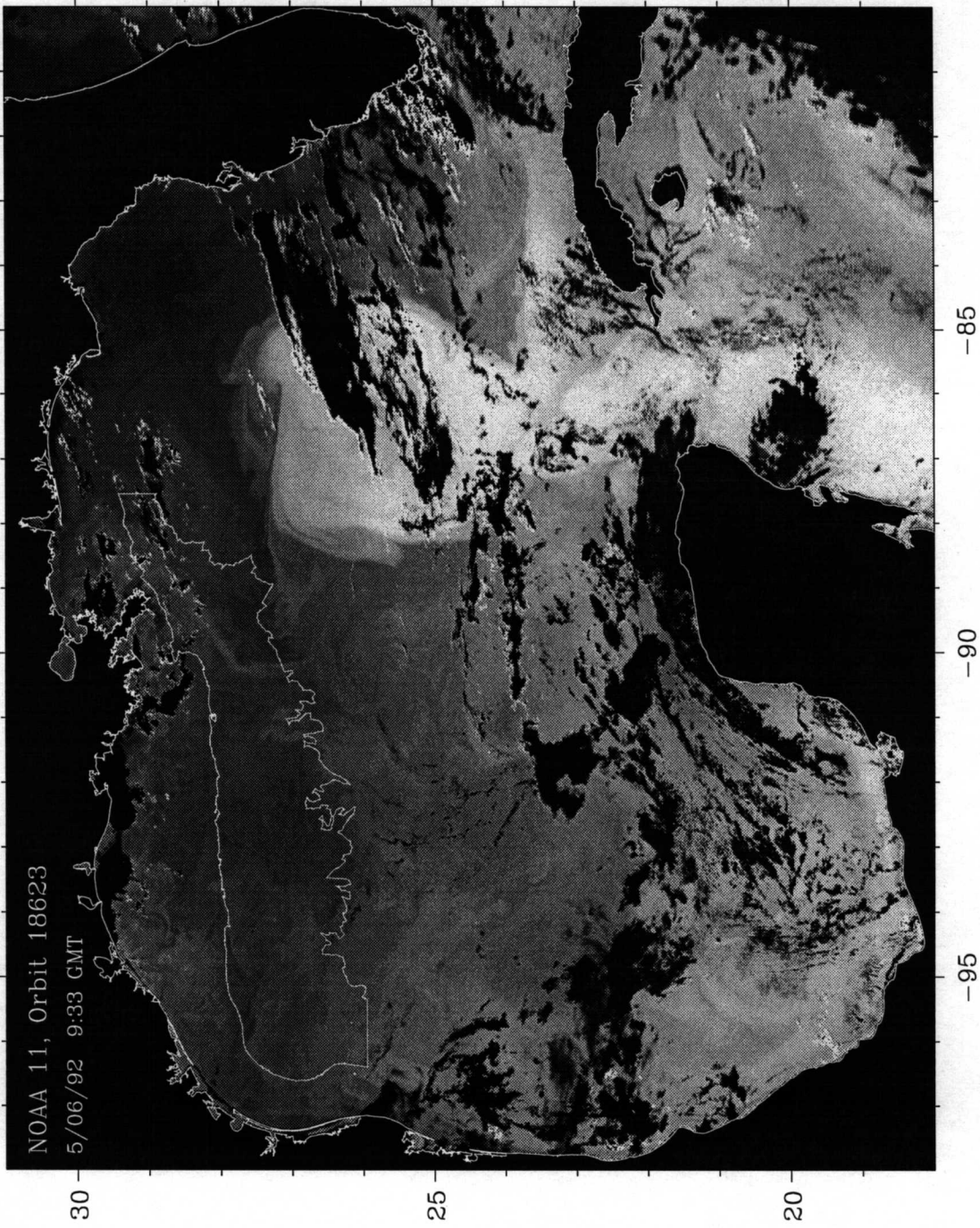
-95

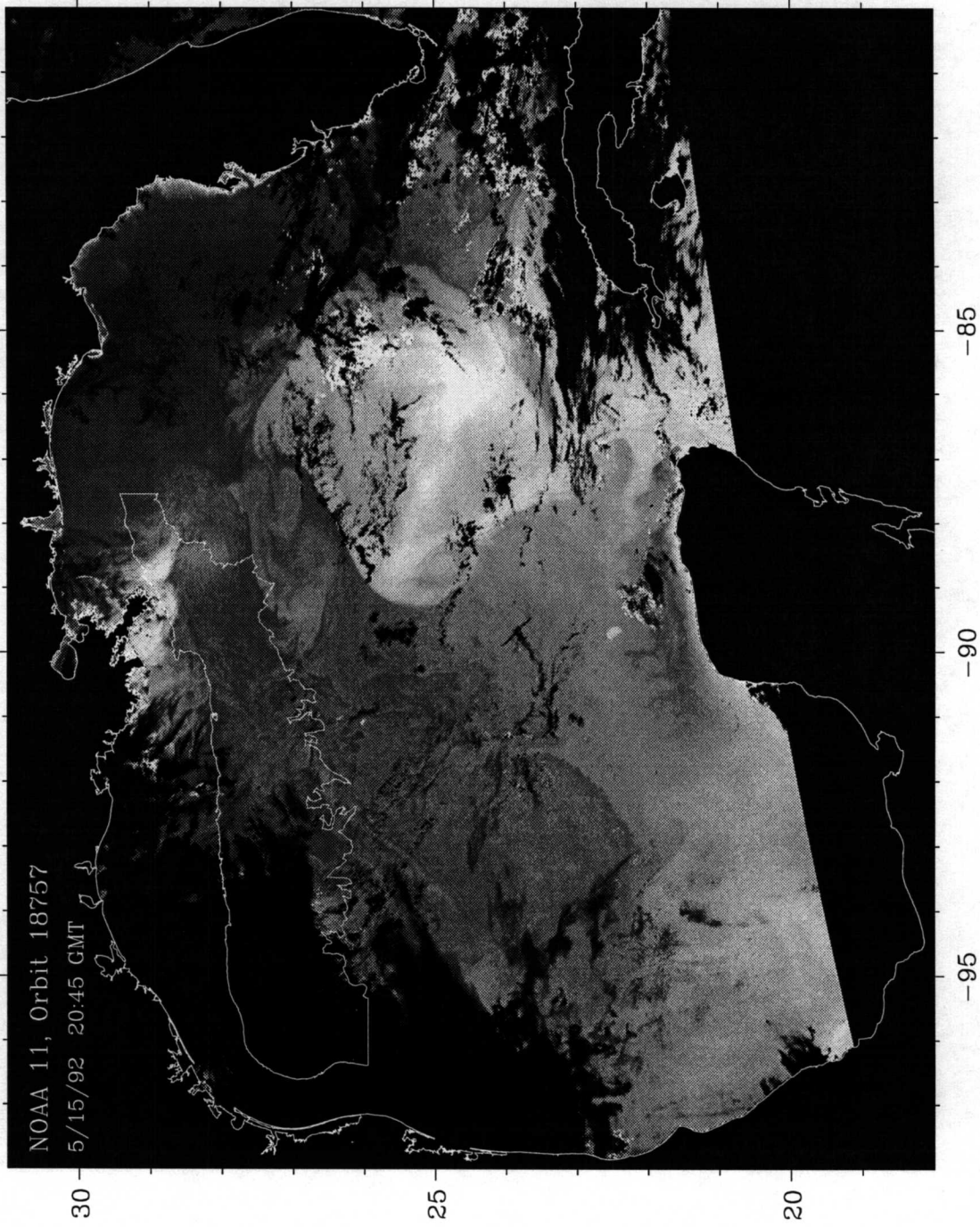
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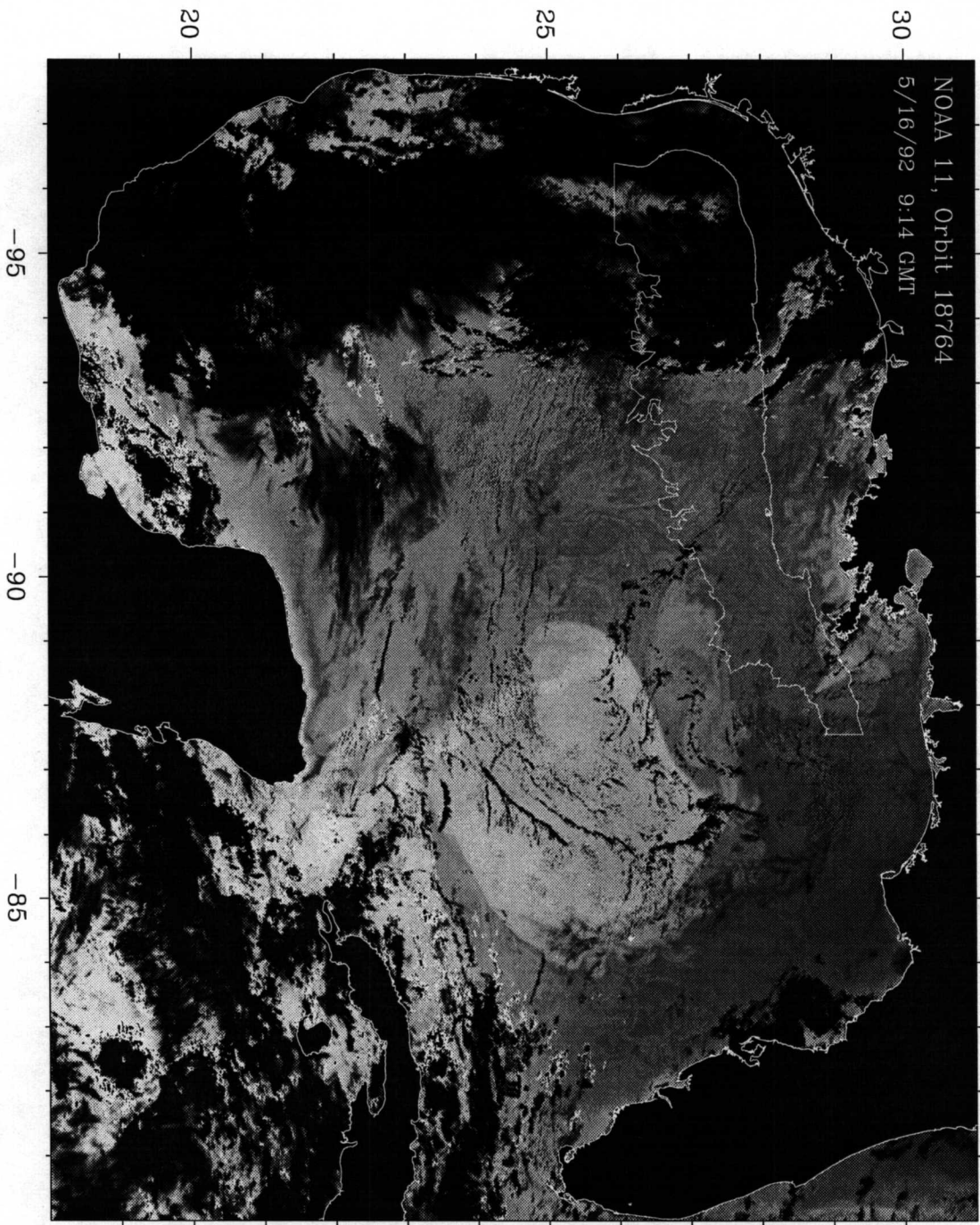
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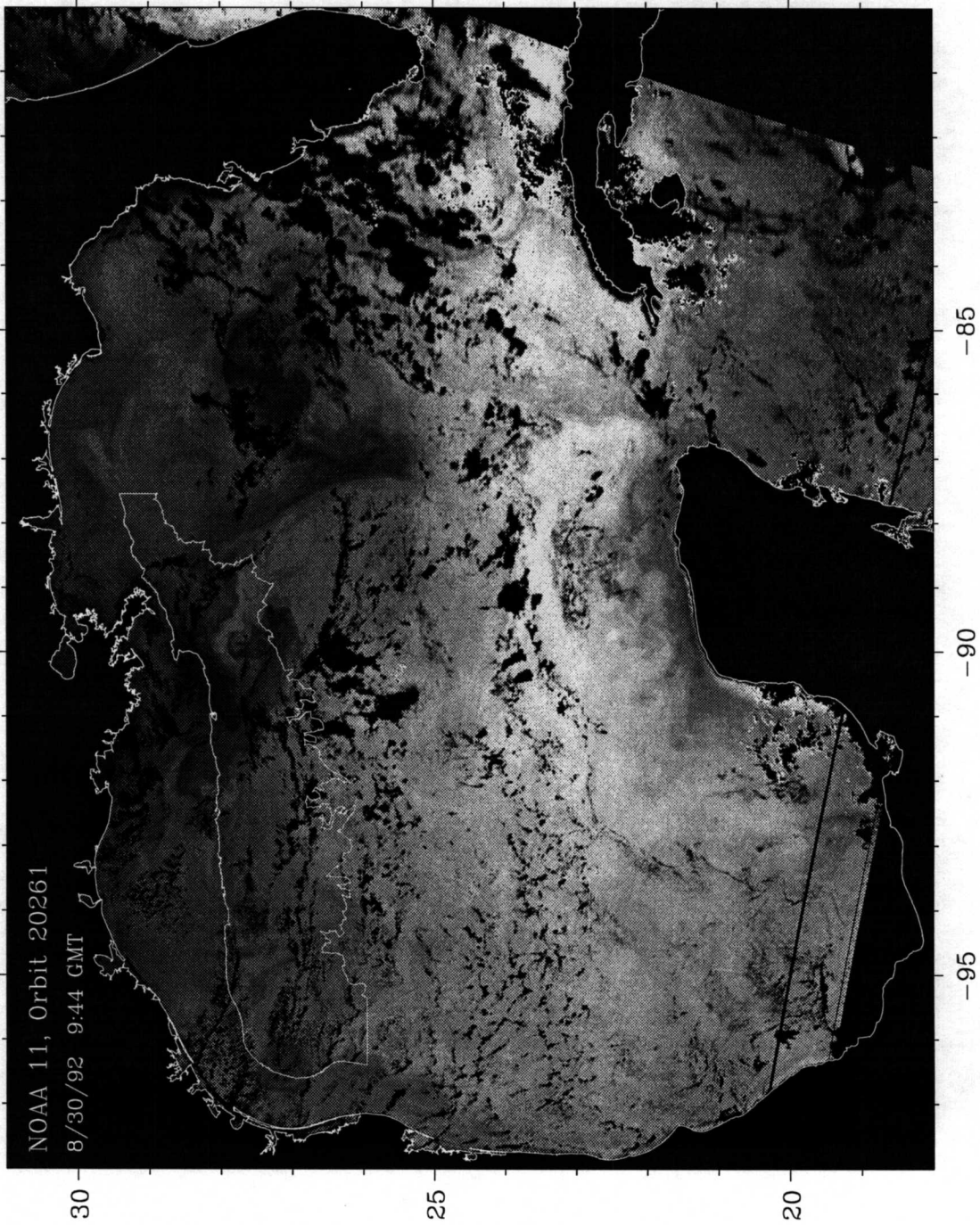
Temperature (°C)

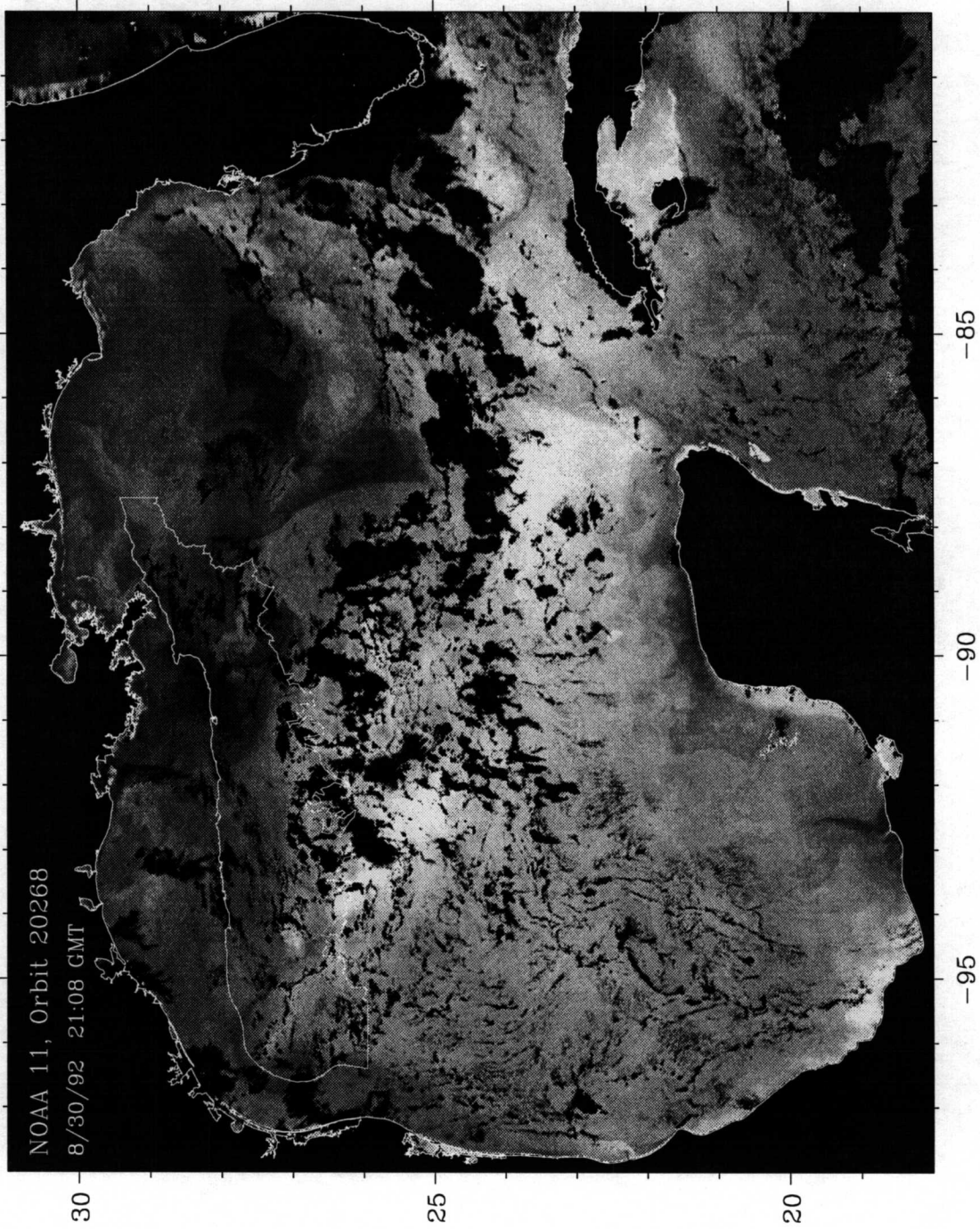


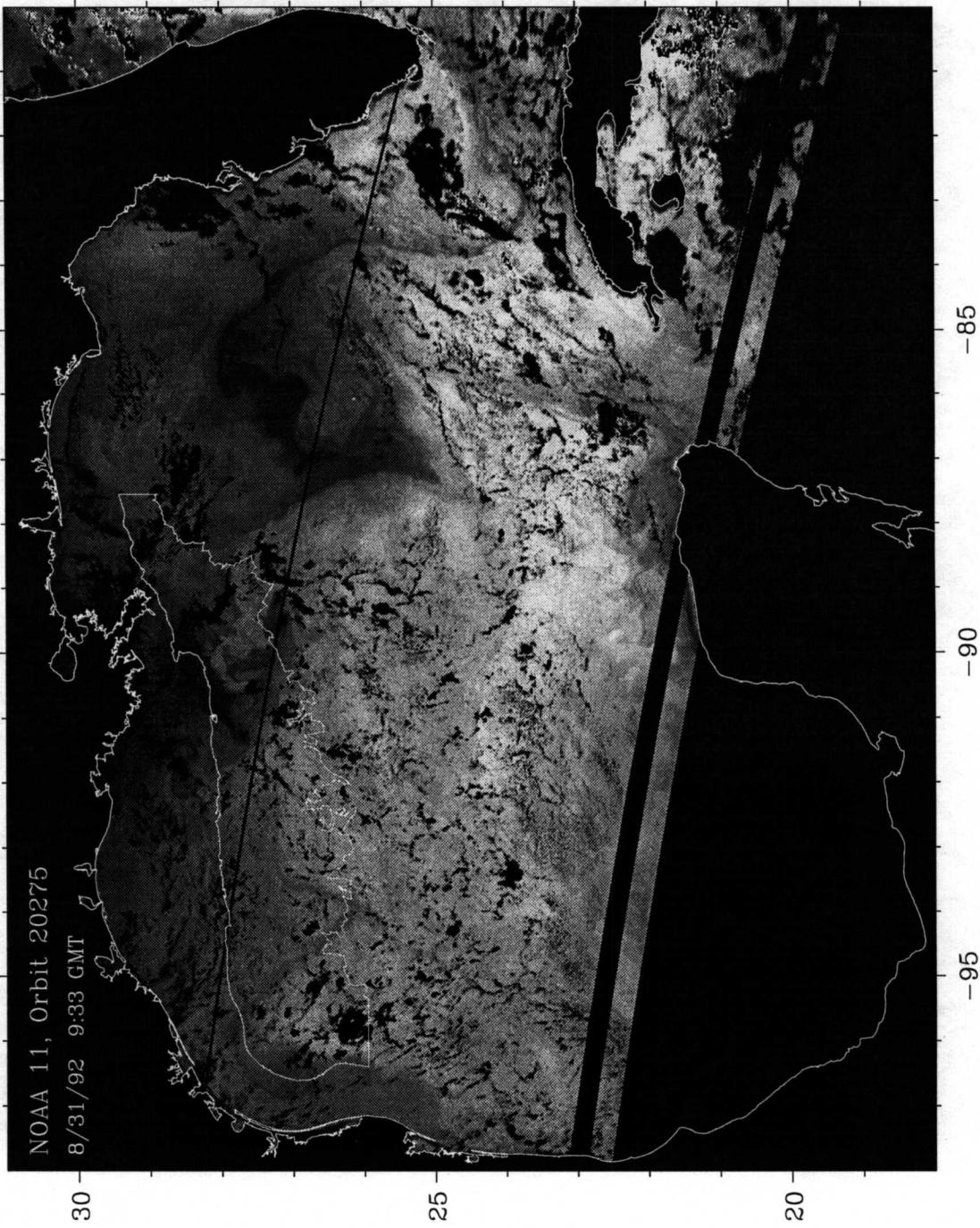












NOAA 11, Orbit 20303
9/02/92 9:08 GMT

400

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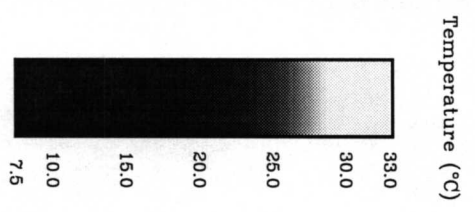
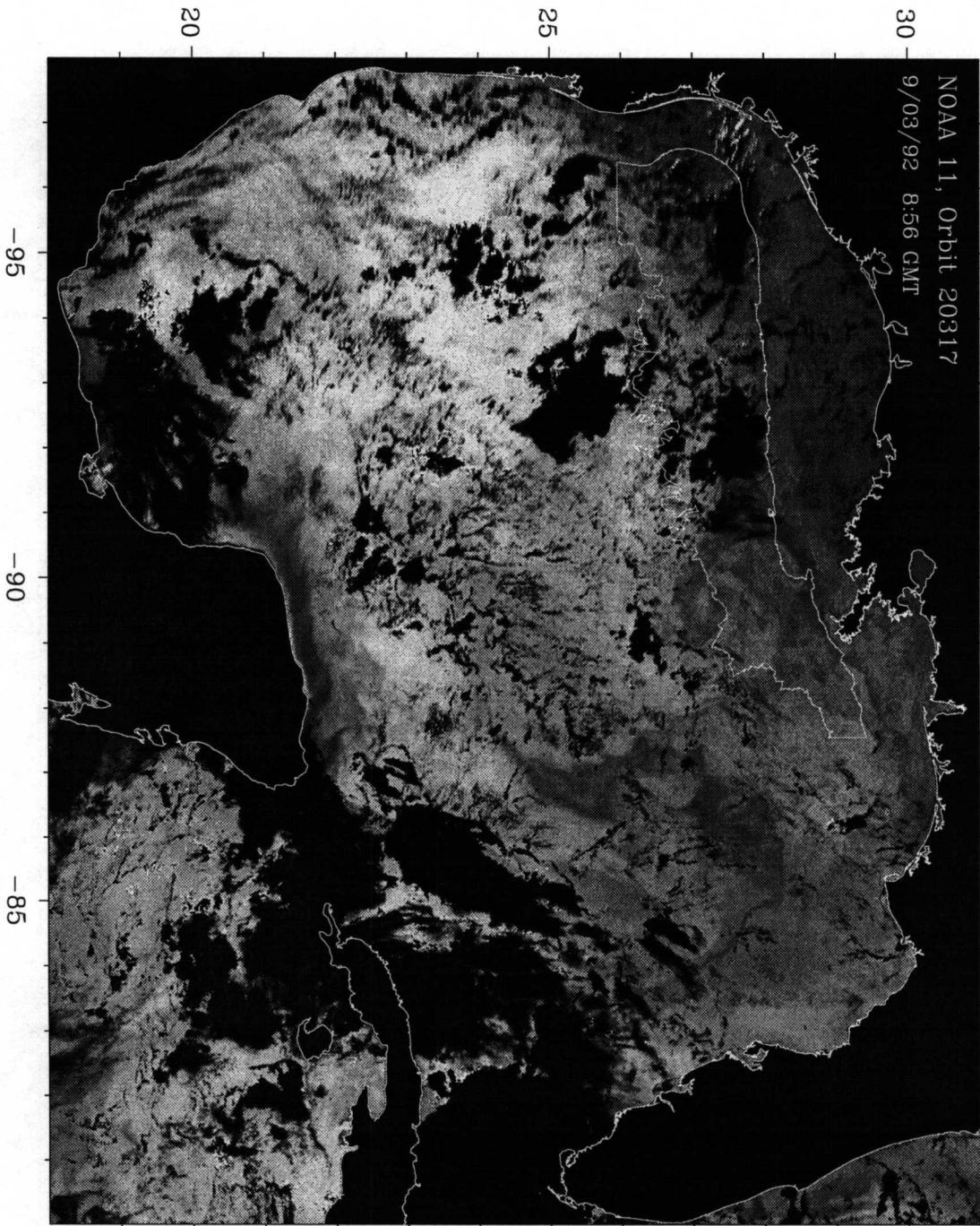
-95 -90 -85

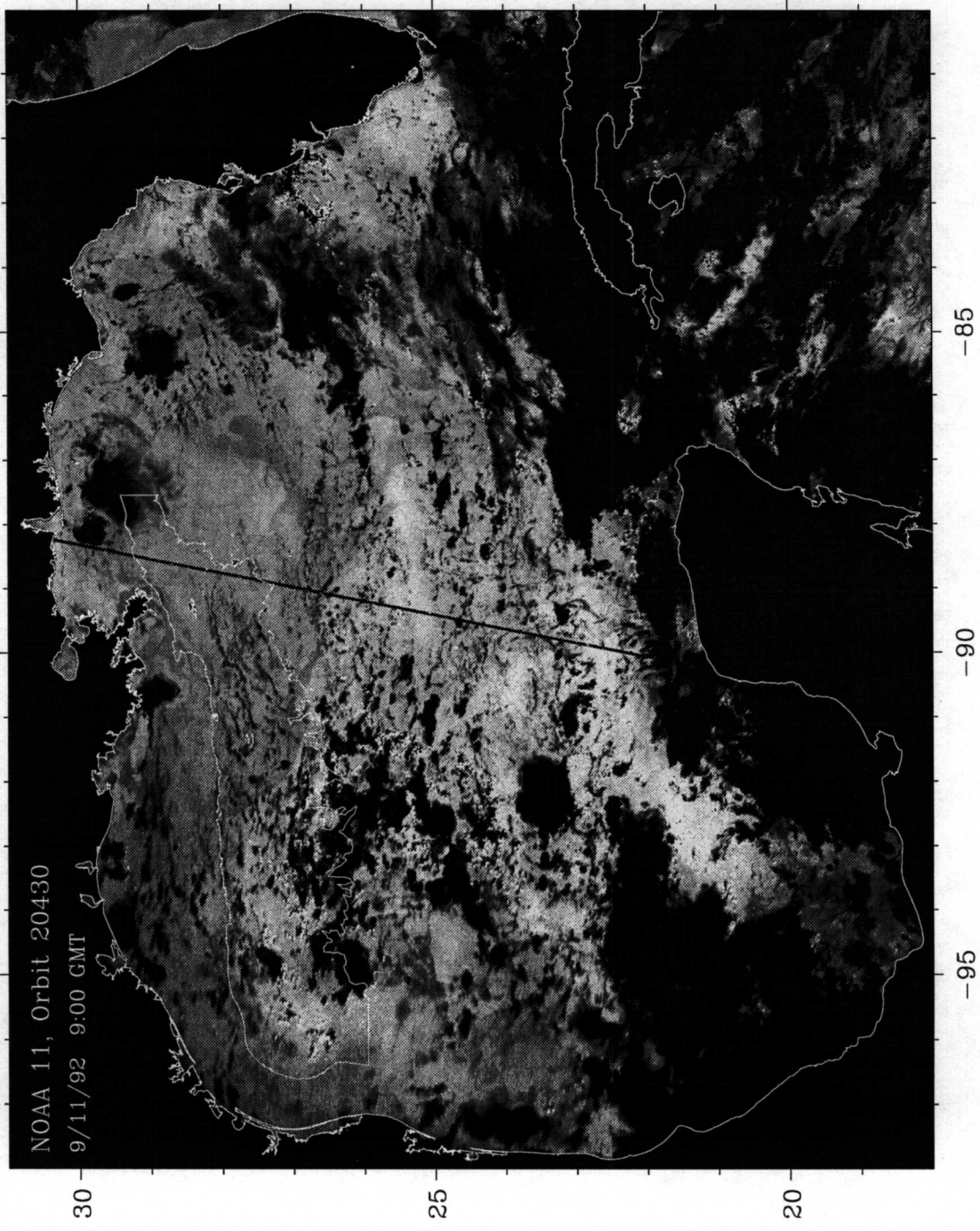
Temperature (°C)



33.0
30.0
25.0
20.0
15.0
10.0
7.5

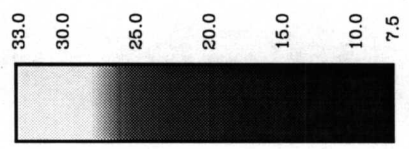
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9/03/92 8:56 GMT

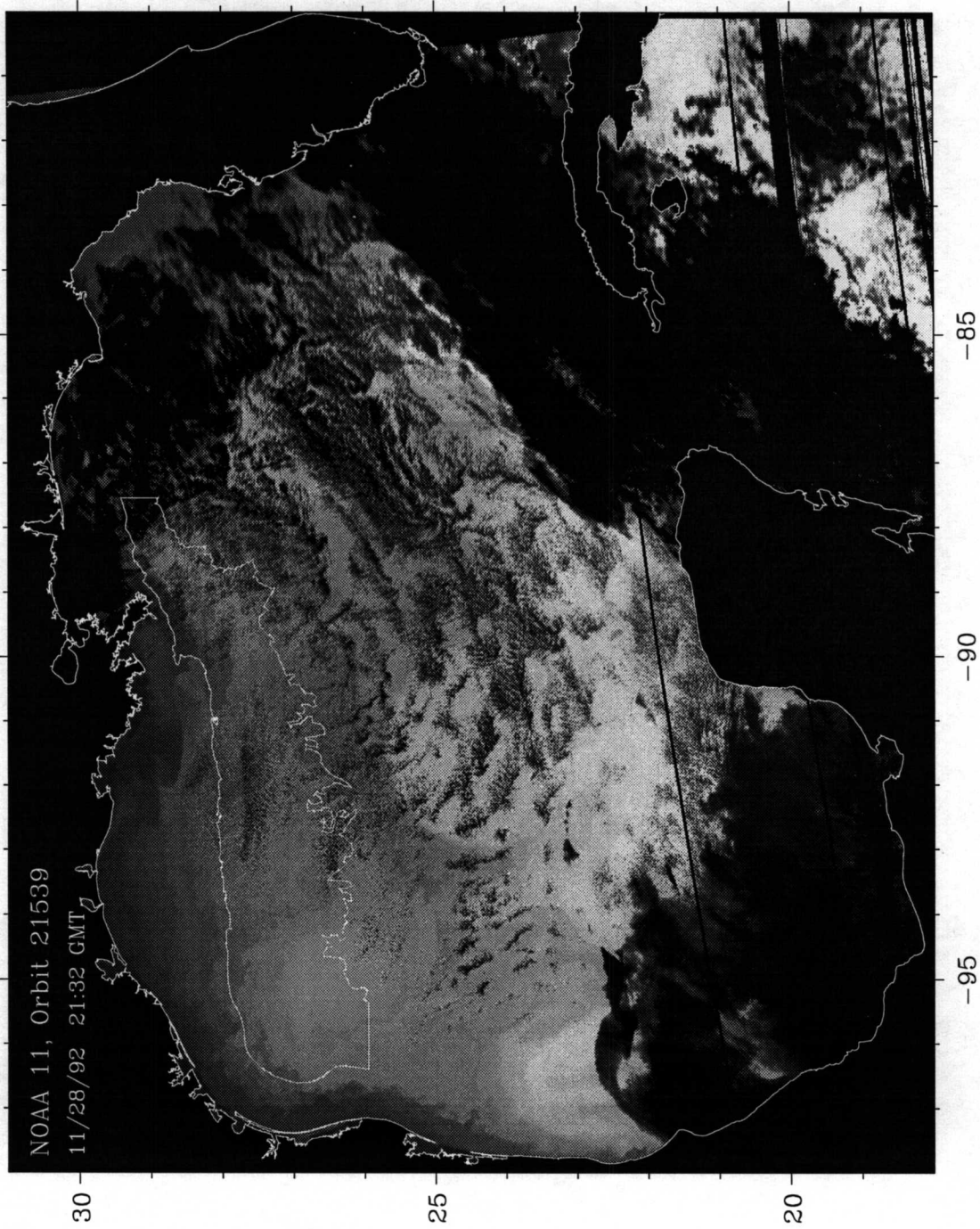




NOAA 11, Orbit 20430
9/11/92 9:00 GMT

Temperature (°C)





NOAA 11, Orbit 21546

11/29/92 9:55 GMT

404

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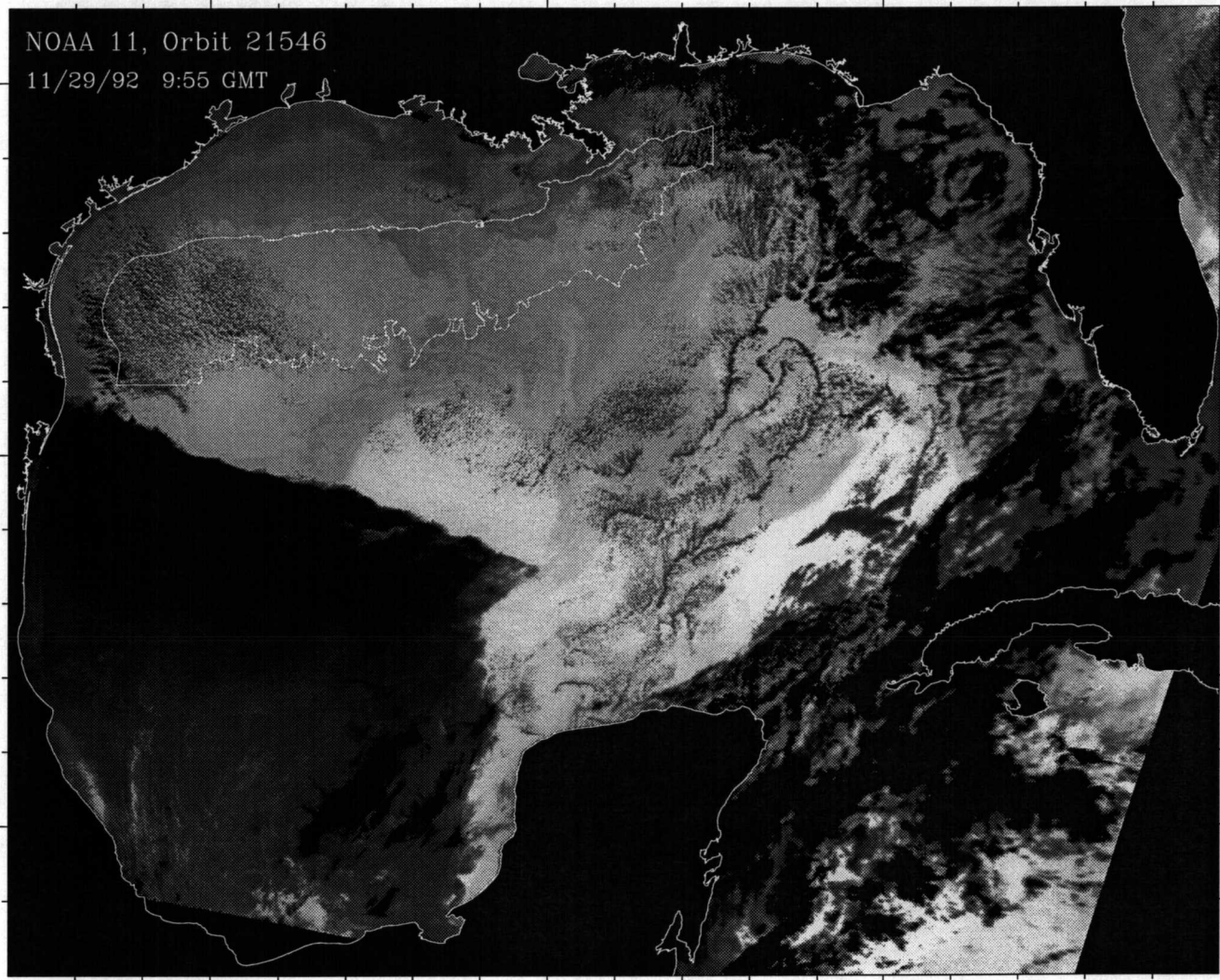
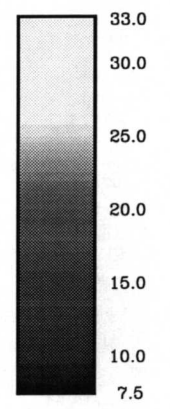
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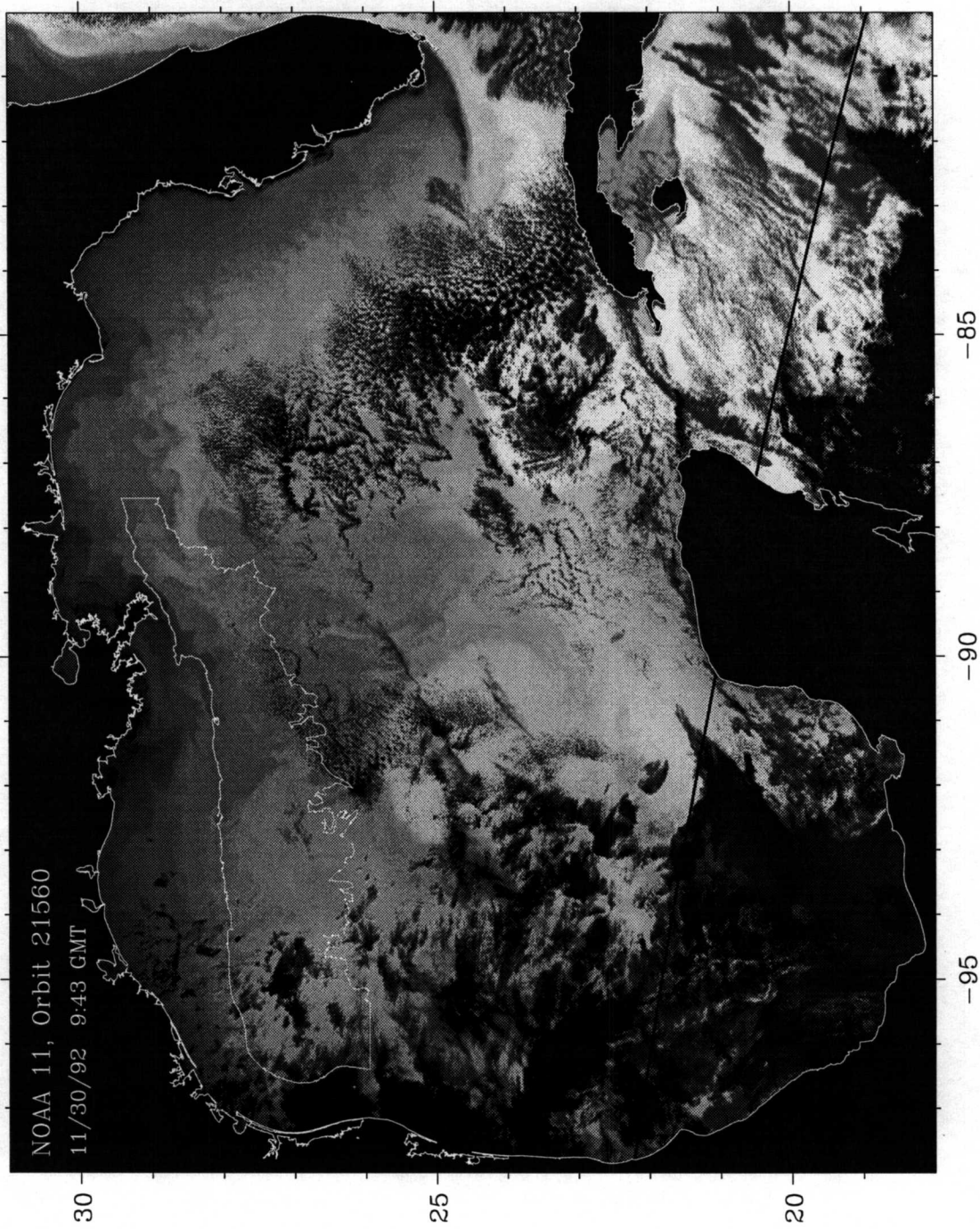
-95

-90

-85

Temperature (°C)





NOAA 11, Orbit 21701

12/10/92 9:23 GMT

406

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25

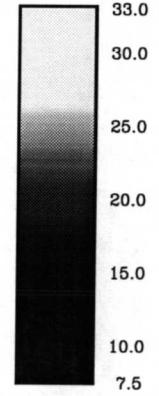
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-95

-90

-85

Temperature (°C)



NOAA 11, Orbit 21715

12/11/92 9:10 GMT

30

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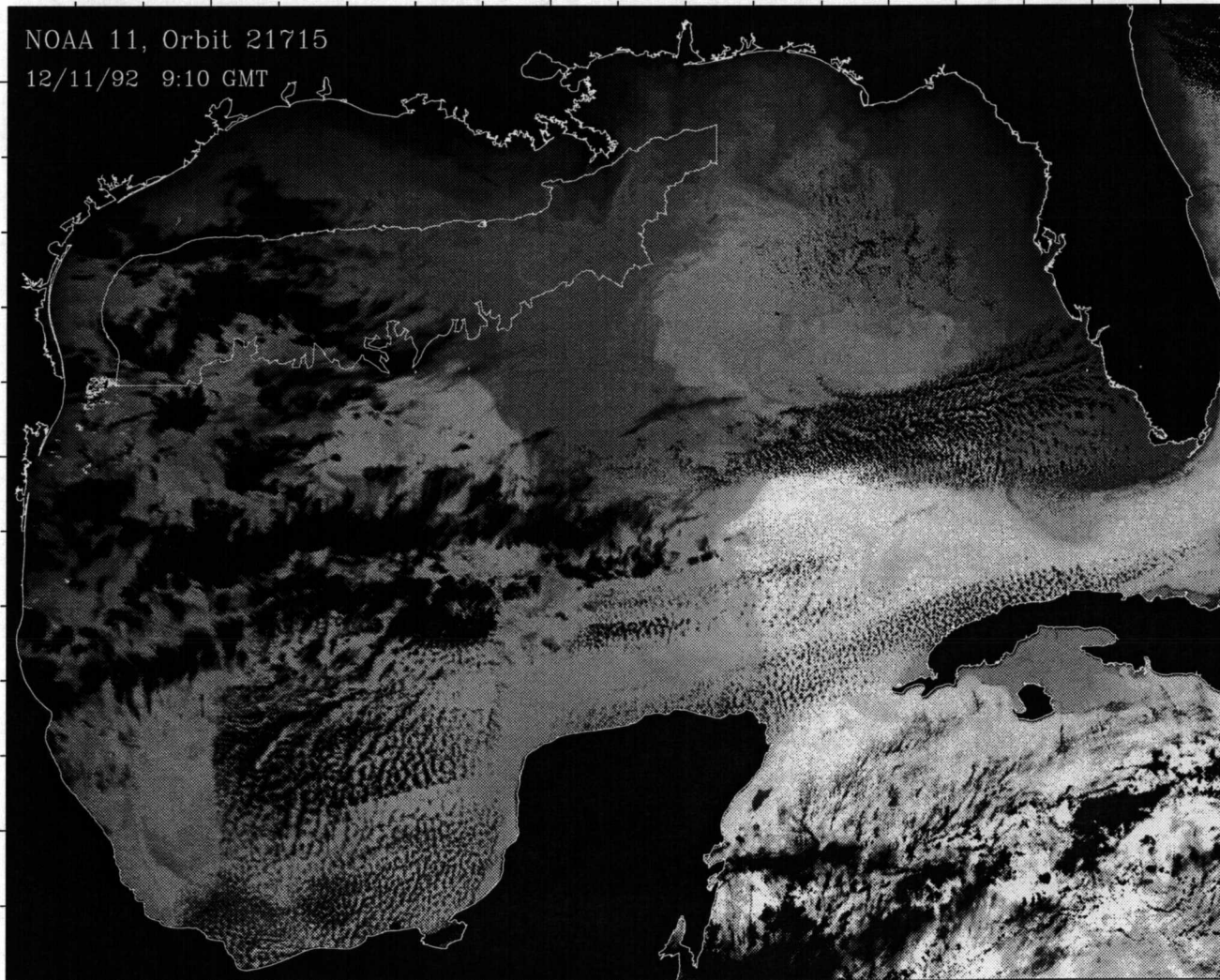
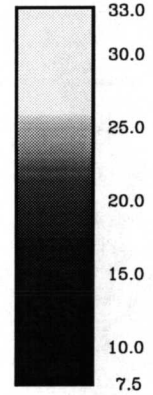
-95

-90

-85

407

Temperature (°C)



NOAA 11, Orbit 21722

12/11/92 20:35 GMT

30

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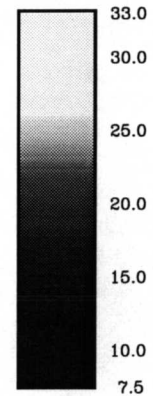
-95

-90

-85

408

Temperature (°C)



NOAA 11, Orbit 22379

1/27/93 9:46 GMT

30

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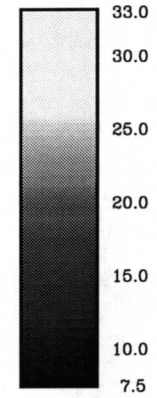
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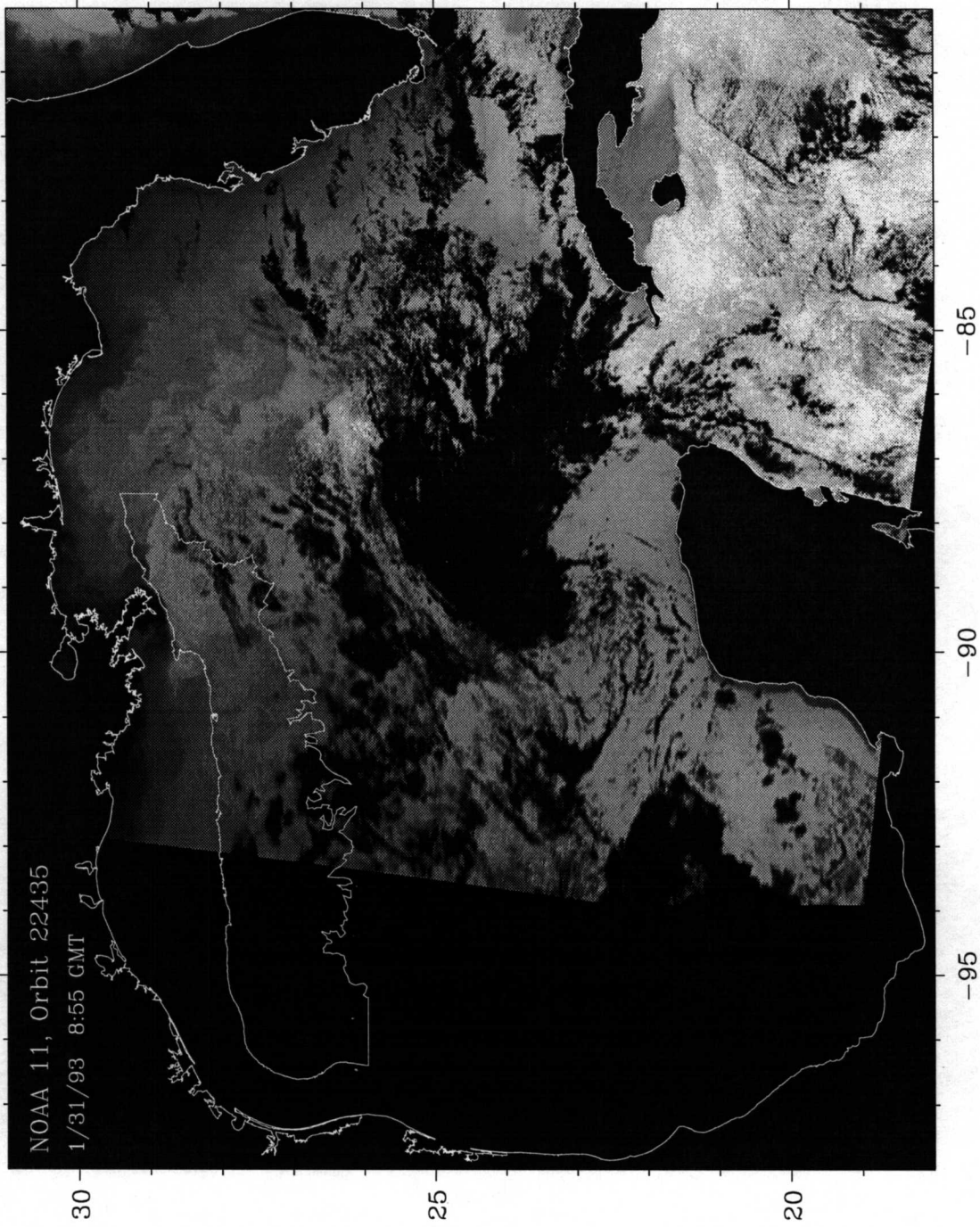
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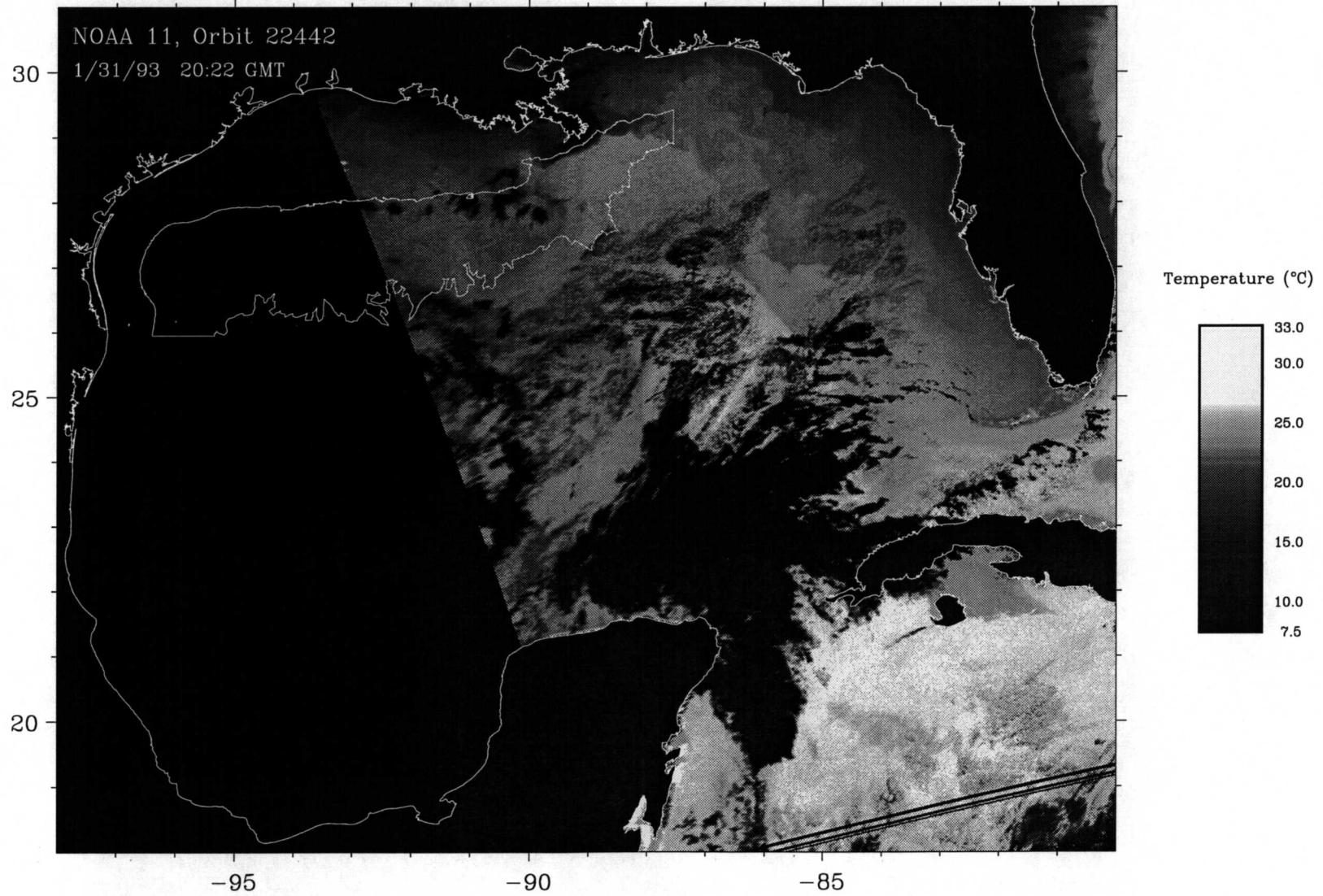
-85

409

Temperature (°C)







NOAA 11, Orbit 22555

2/08/93 20:25 GMT

30

25

20

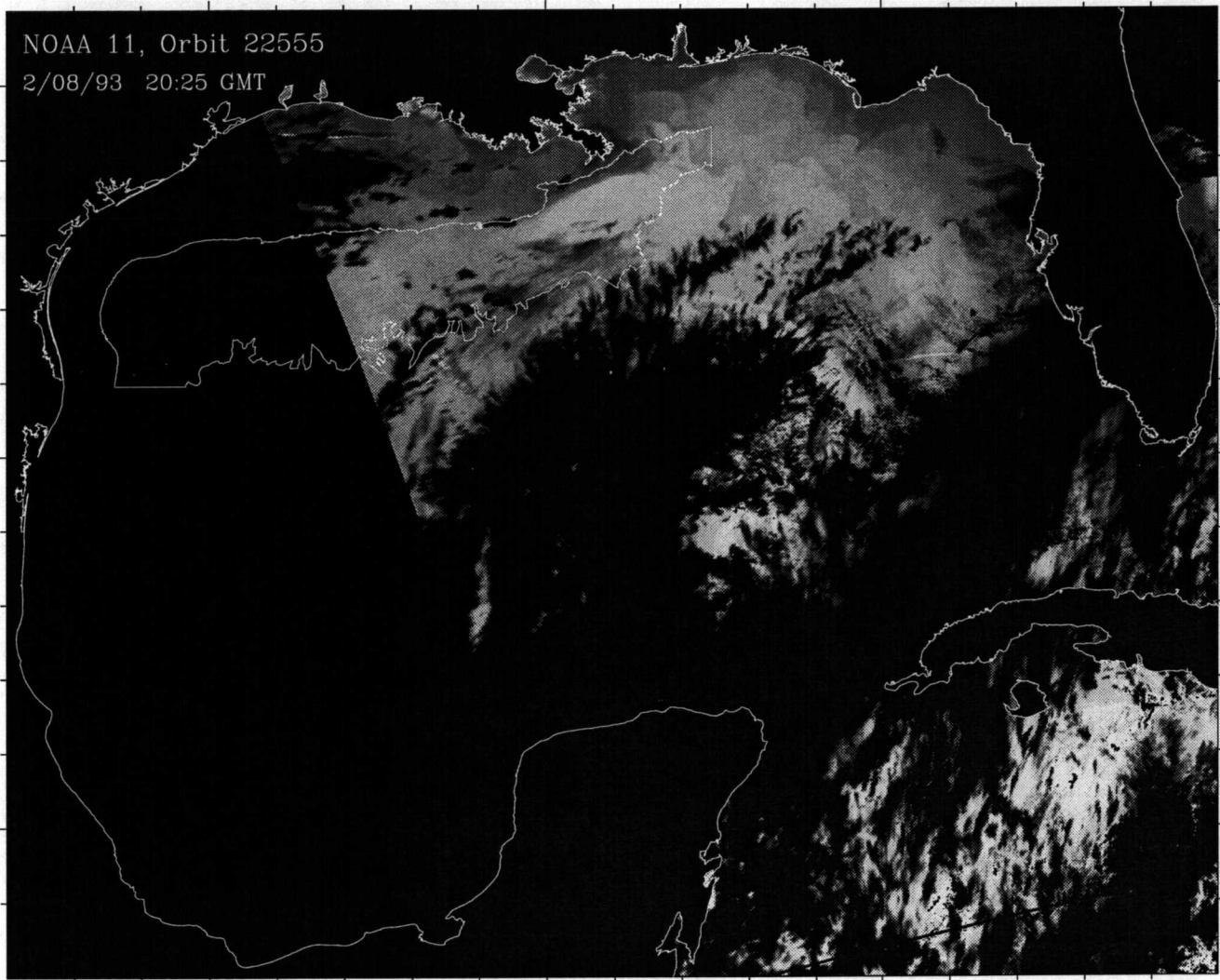
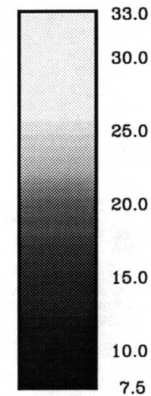
-95

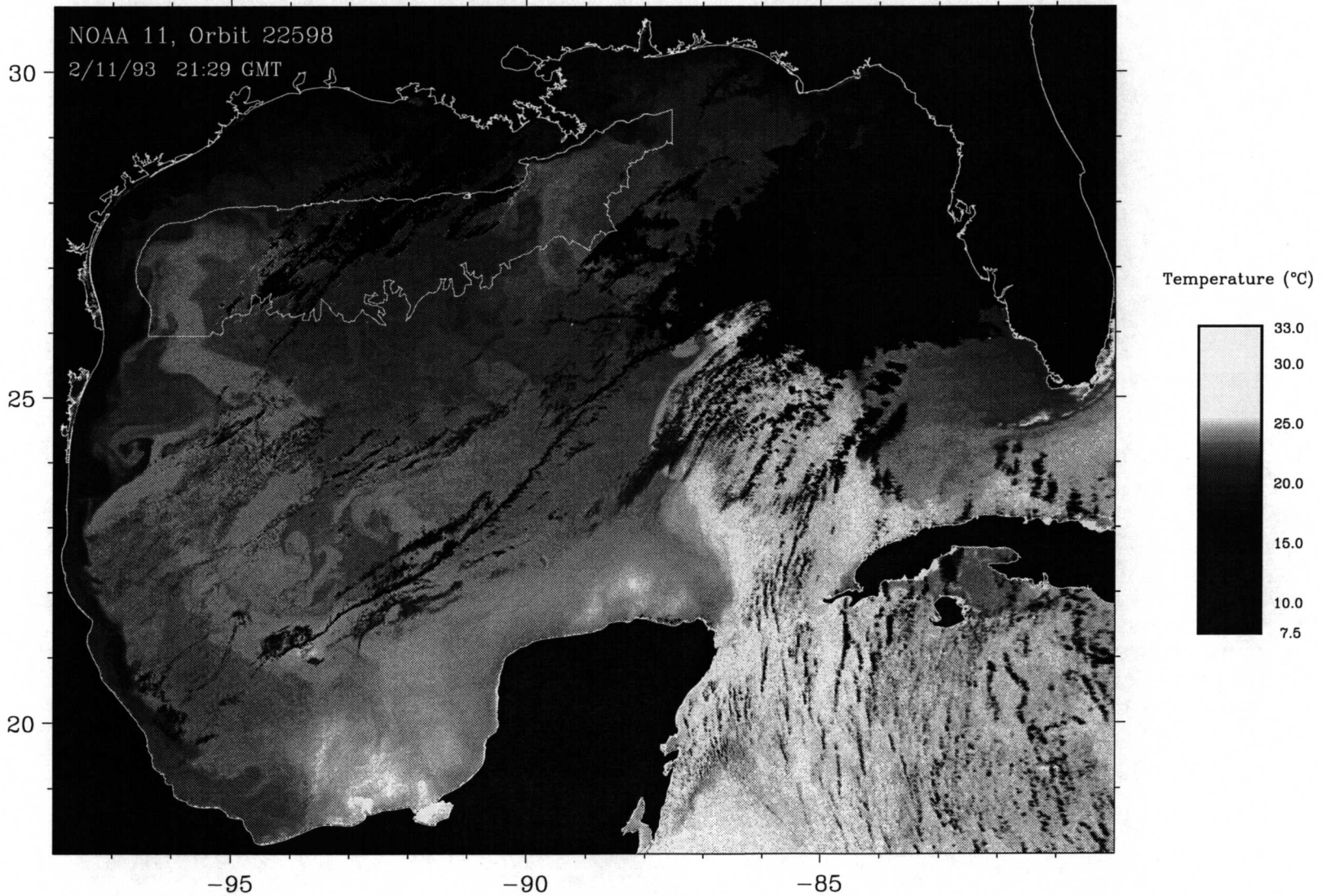
-90

-85

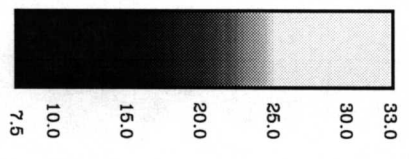
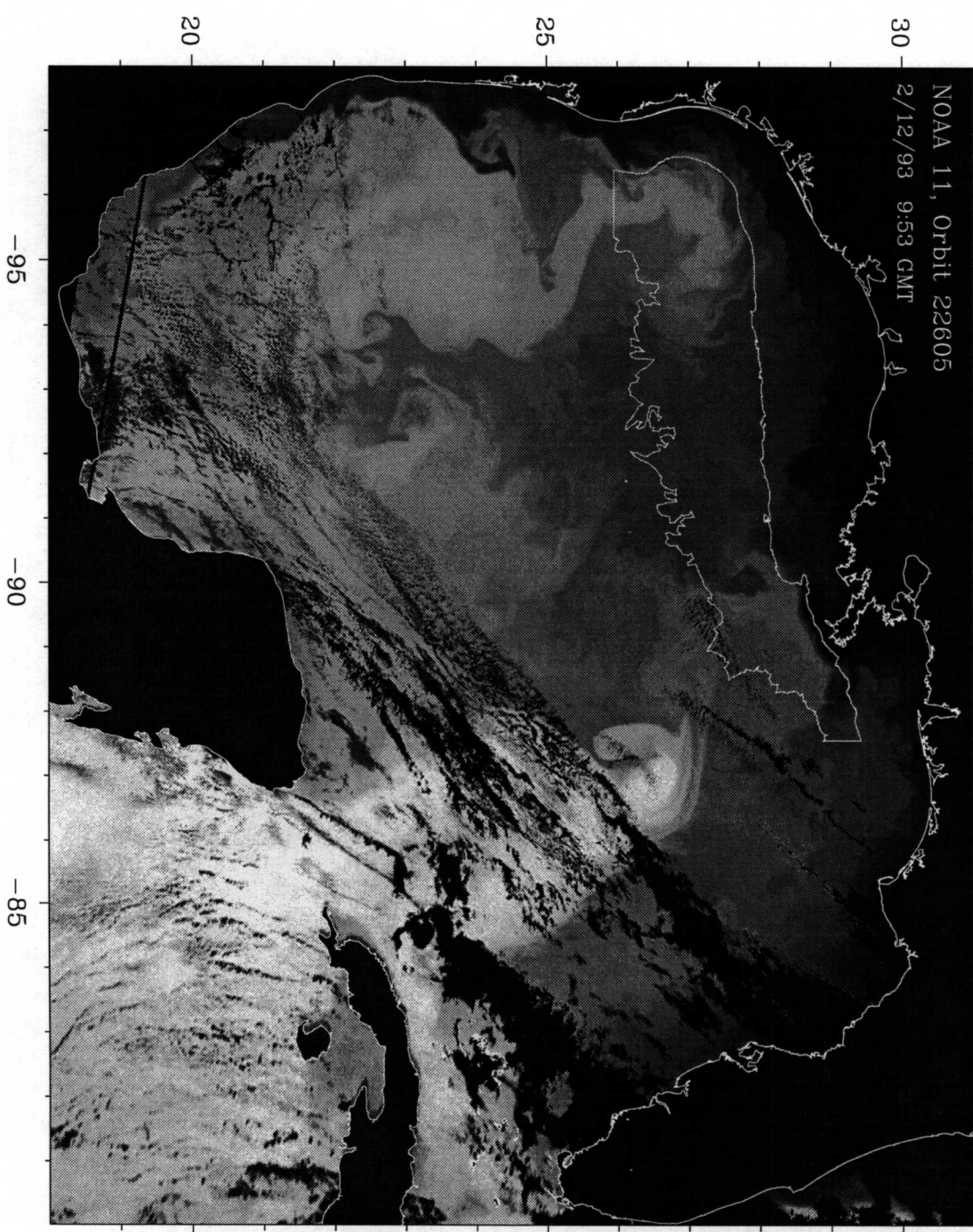
412

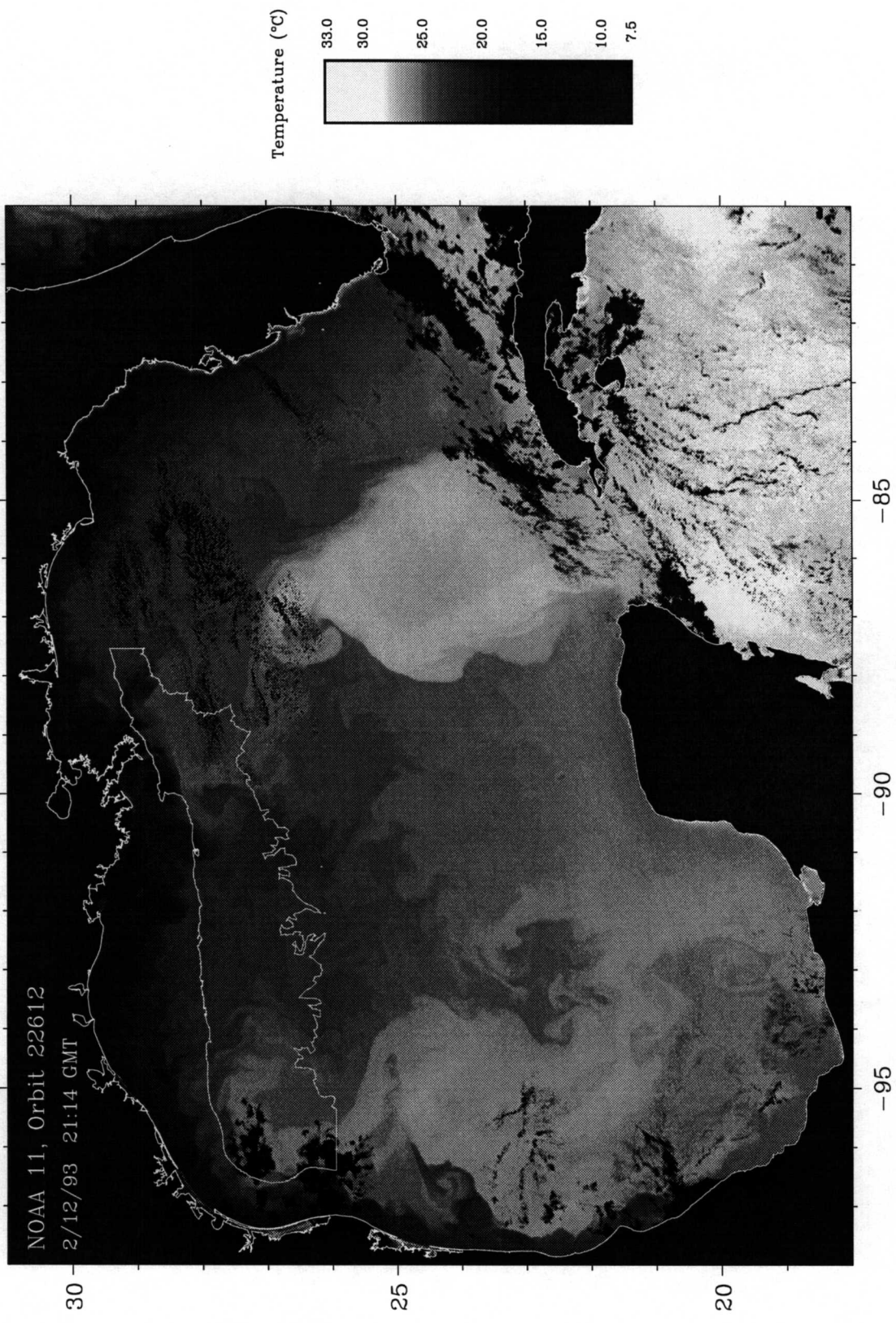
Temperature (°C)



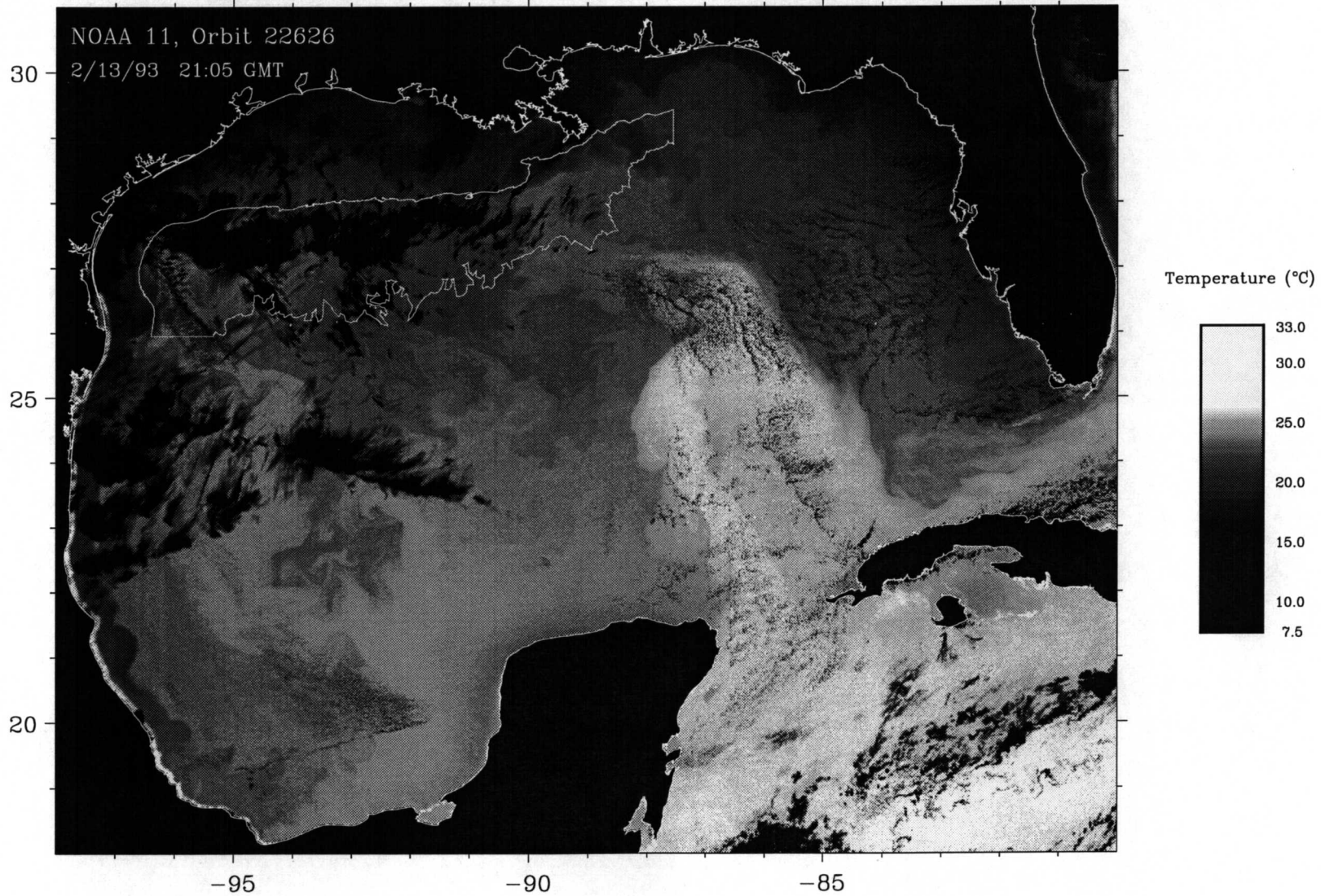


NOAA 11, Orbit 22605
2/12/93 9:53 GMT





416



NOAA 11, Orbit 22682

2/17/93 20:17 GMT

30

25

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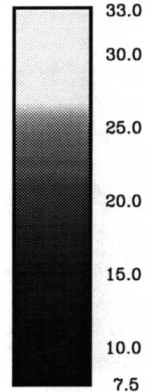
-95

-90

-85

417

Temperature (°C)



NOAA 11, Orbit 22894

3/04/93 20:37 GMT

30

25

20

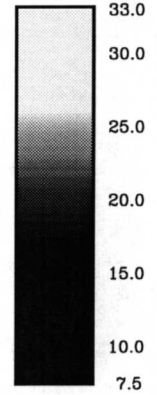
-95

-90

-85

418

Temperature (°C)



NOAA 11, Orbit 22944

3/08/93 10:04 GMT

419

30

25

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-95

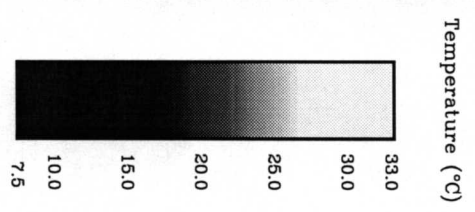
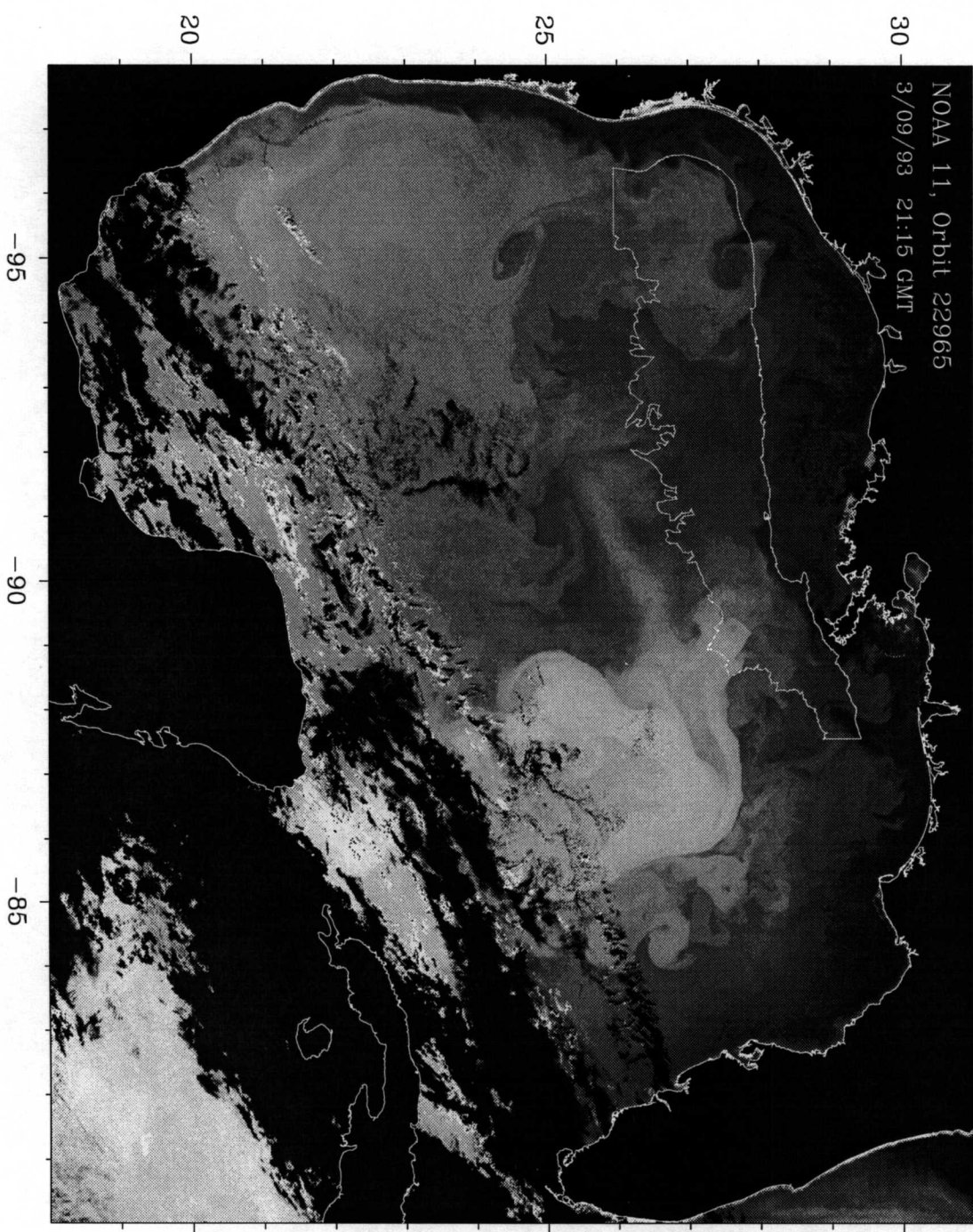
-90

-85

Temperature (°C)



NOAA 11, Orbit 22965
3/09/93 21:15 GMT



NOAA 11, Orbit 22972

3/10/93 9:40 GMT

30

25

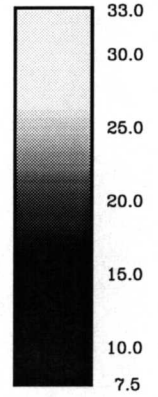
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-95

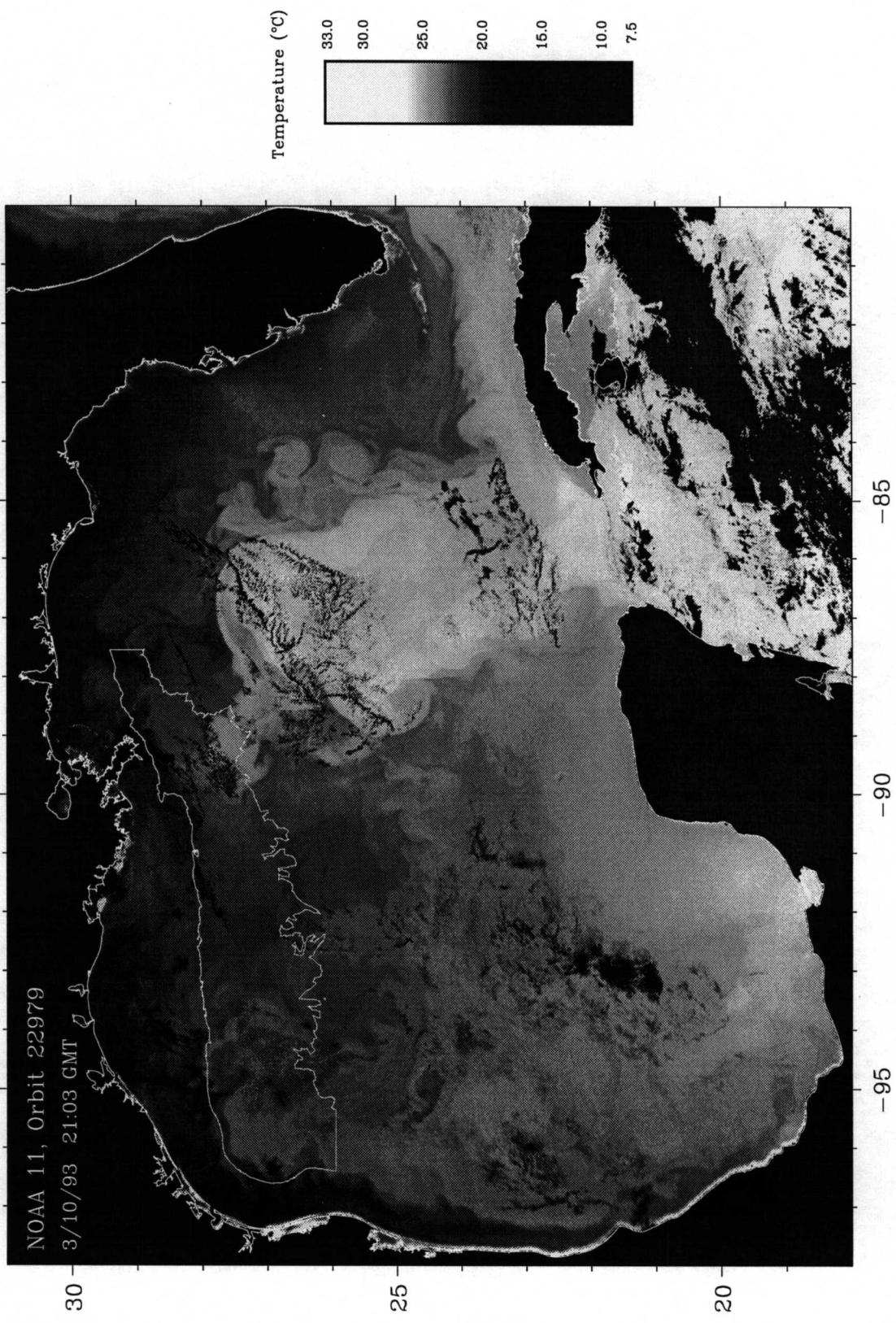
-90

-85

Temperature (°C)



421



NOAA 11, Orbit 23749

5/04/93 10:16 GMT

30

25

20

-95

-90

-85

423

Temperature (°C)



NOAA 11, Orbit 23763

5/05/93 10:04 GMT

30

25

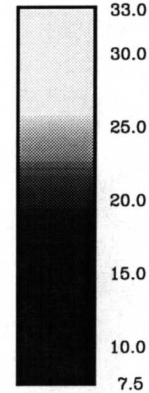
20

-95

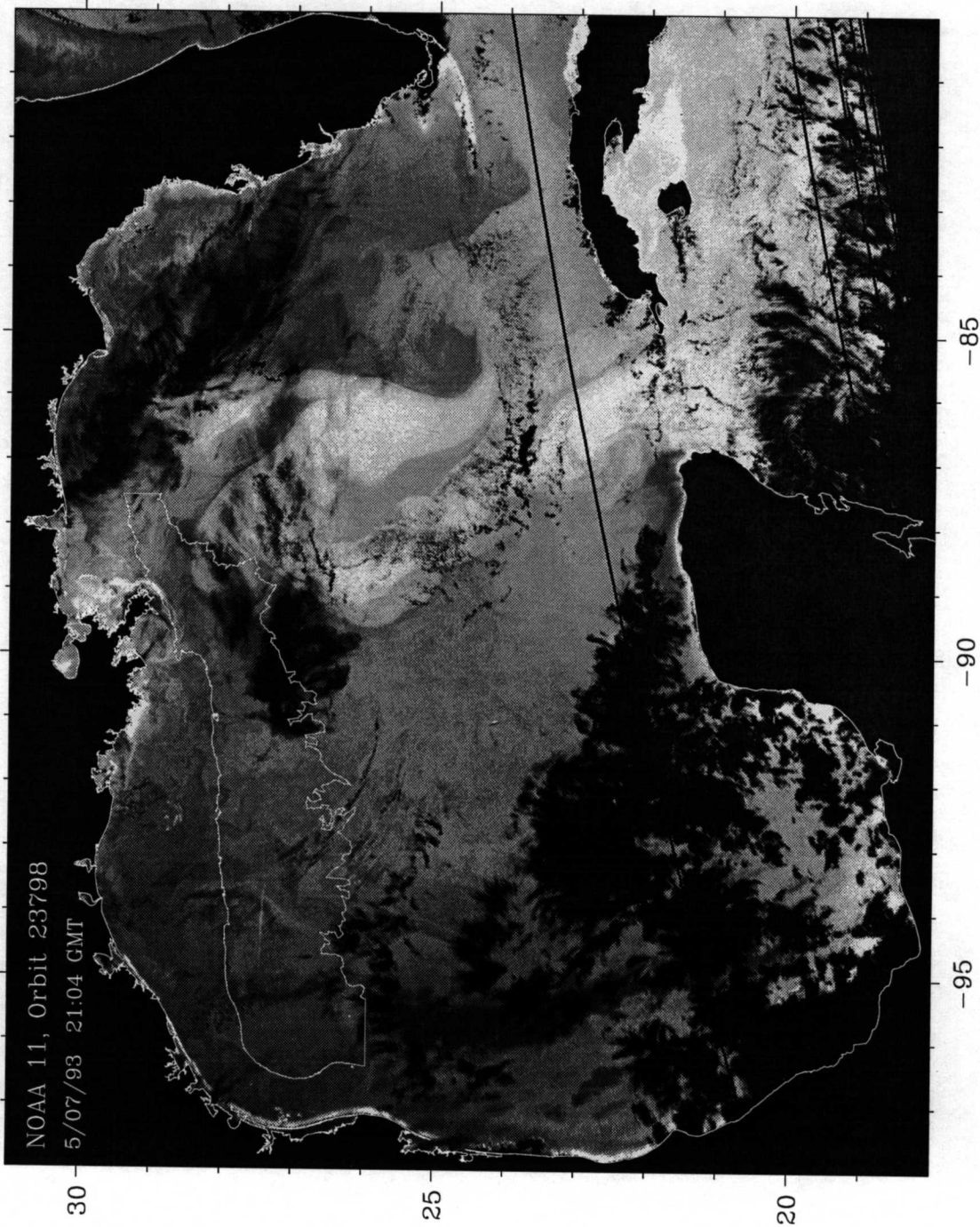
-90

-85

Temperature (°C)



424



NOAA 11, Orbit 23805

5/08/93 9:25 GMT

30

25

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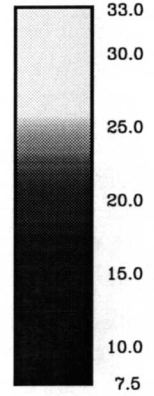
-95

-90

-85

426

Temperature (°C)



NOAA 11, Orbit 23862

5/12/93 10:19 GMT

30

25

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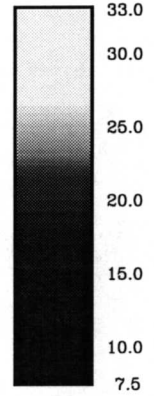
-95

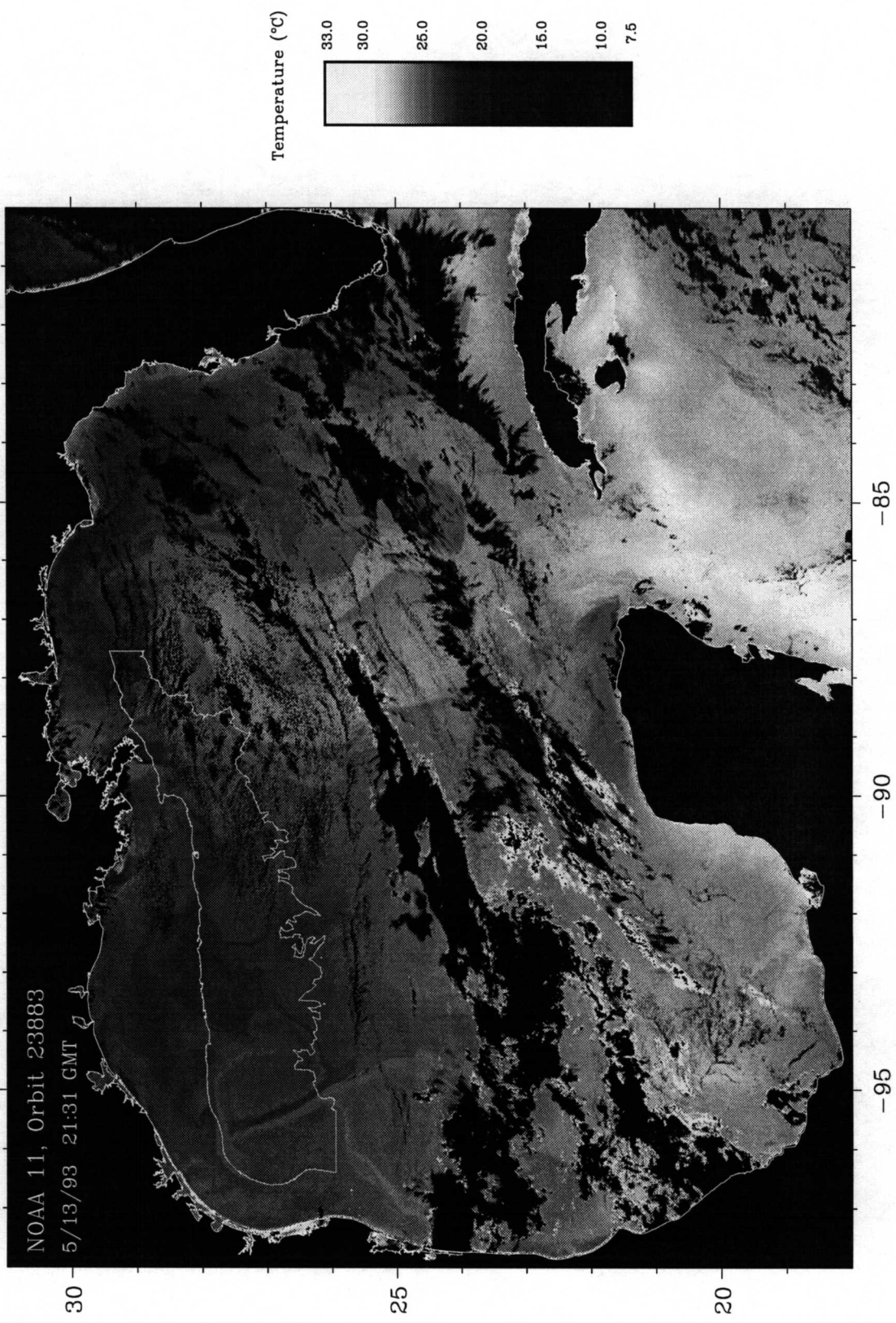
-90

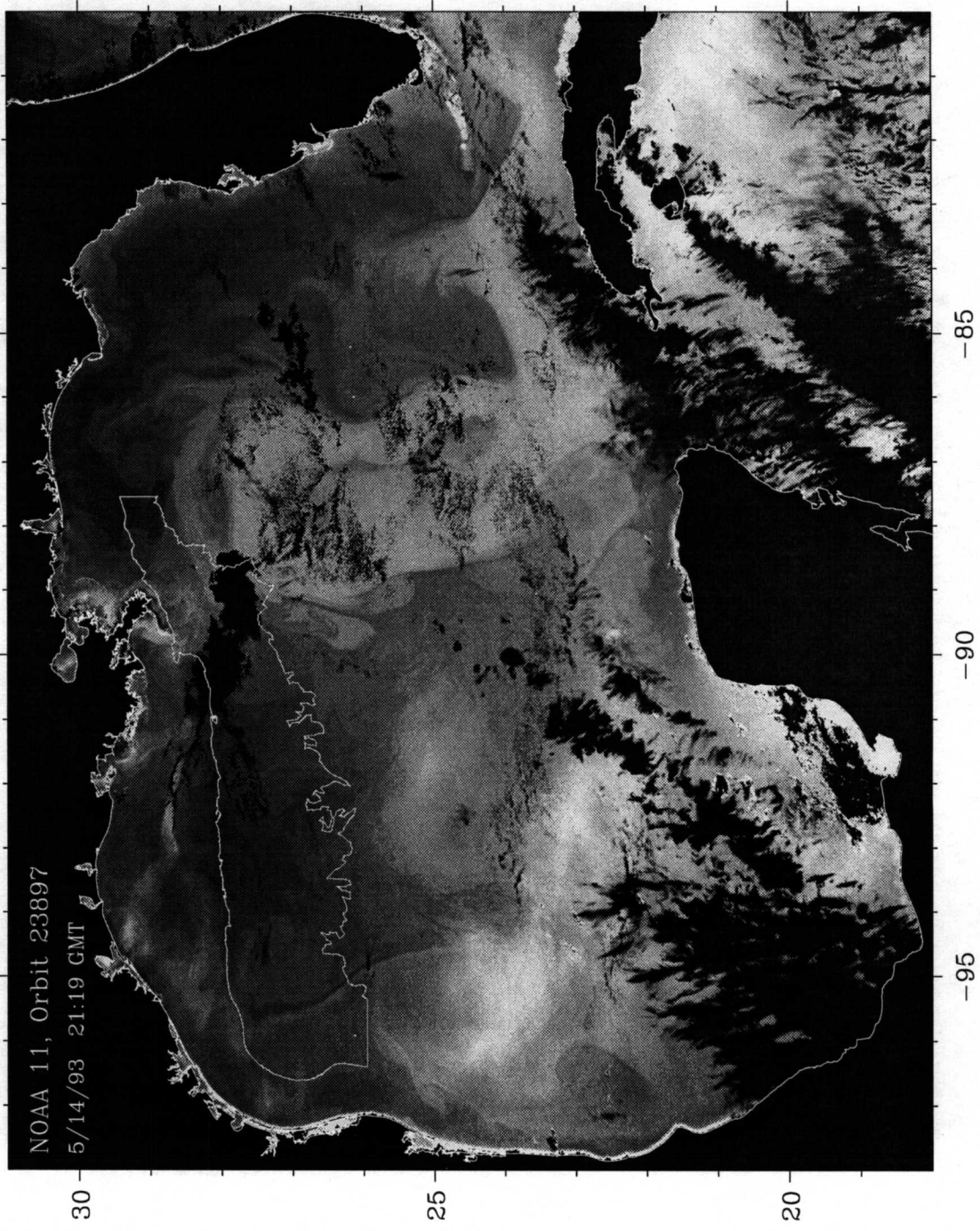
-85

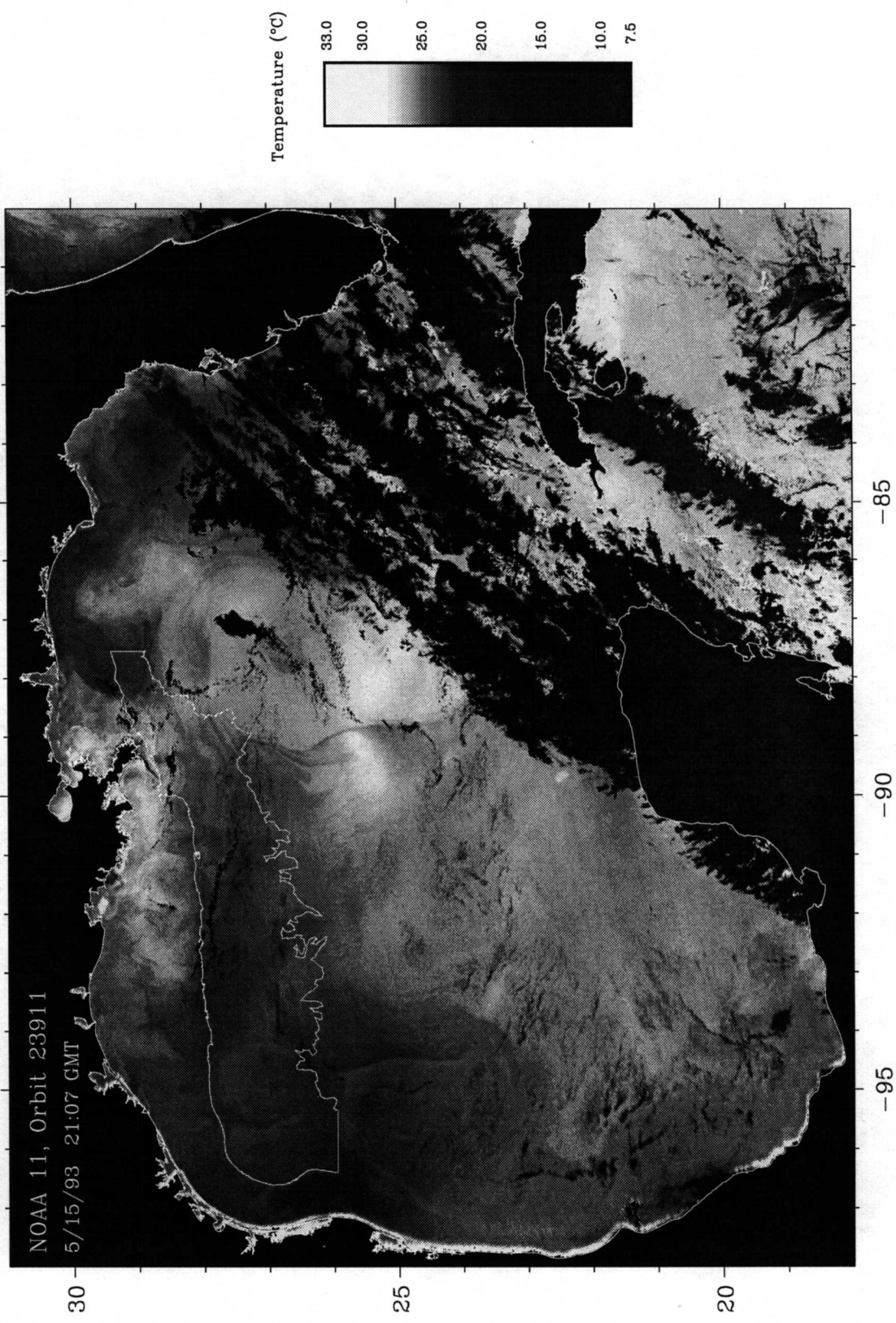
427

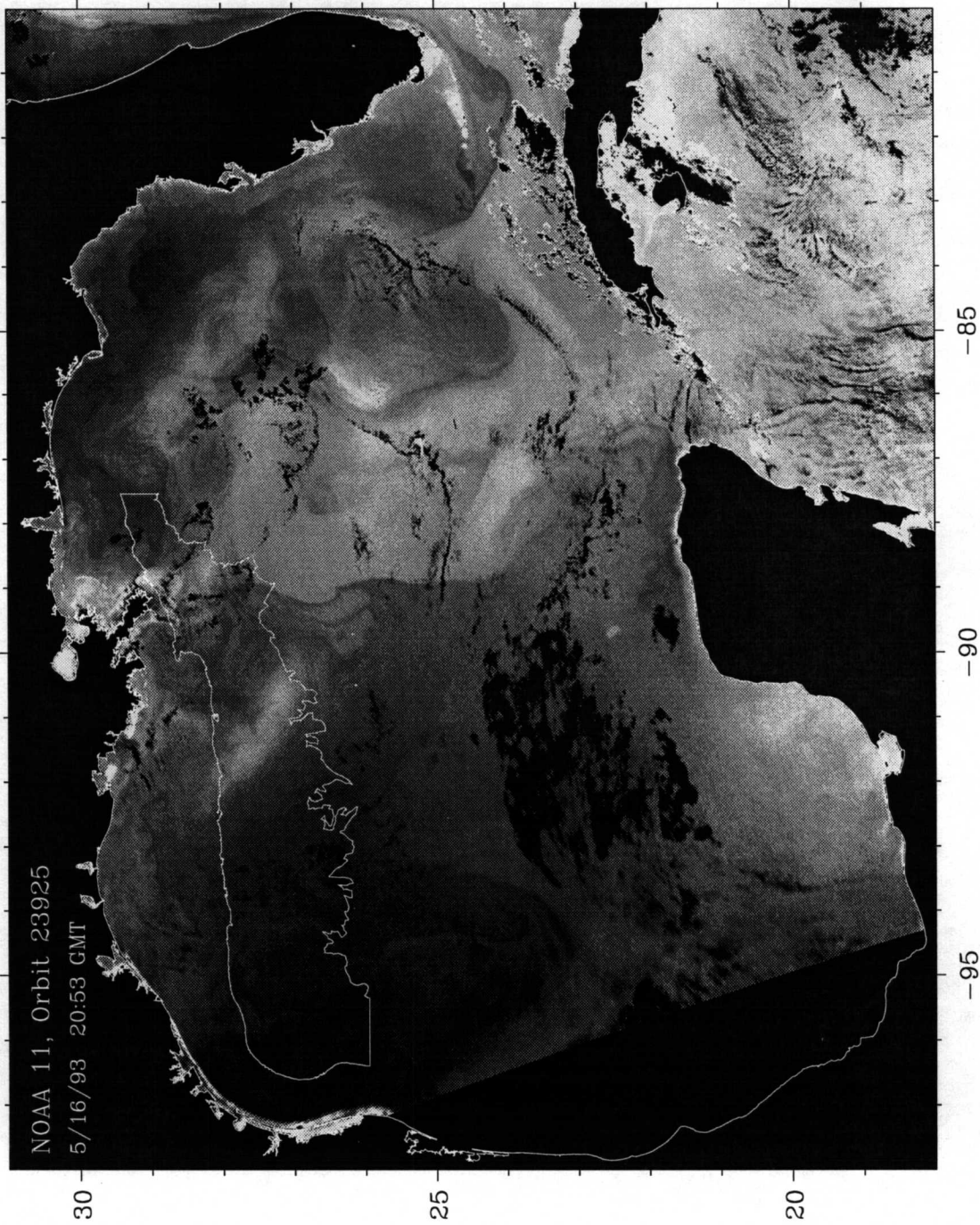
Temperature (°C)

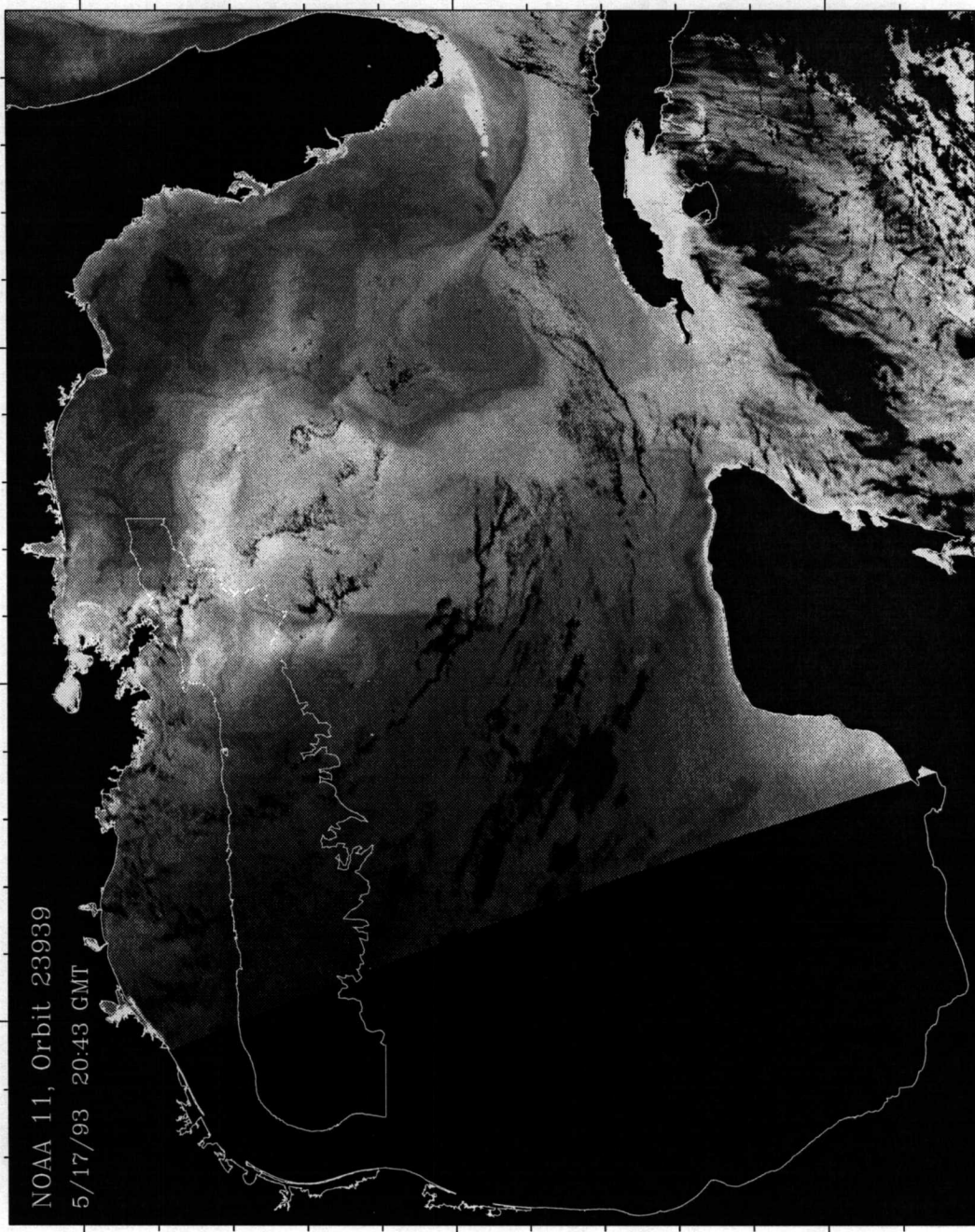












NOAA 11, Orbit 23939
5/17/93 20:43 GMT

30

25

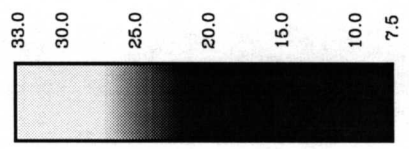
20

-95

-90

-85

Temperature (°C)



33.0

30.0

25.0

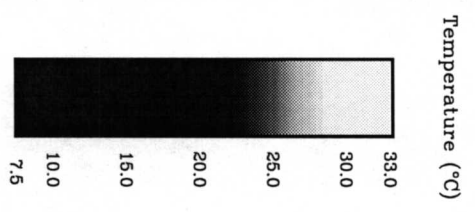
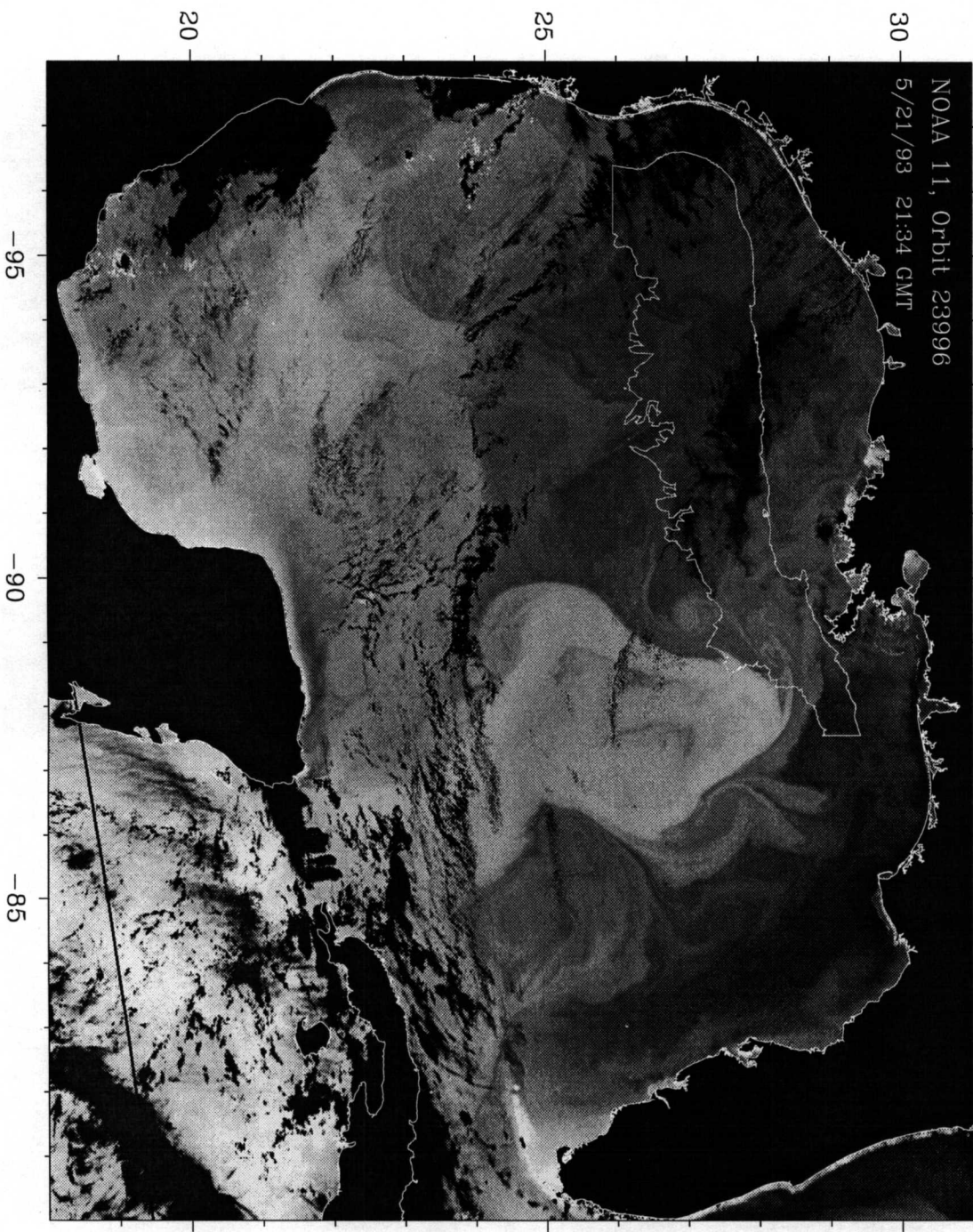
20.0

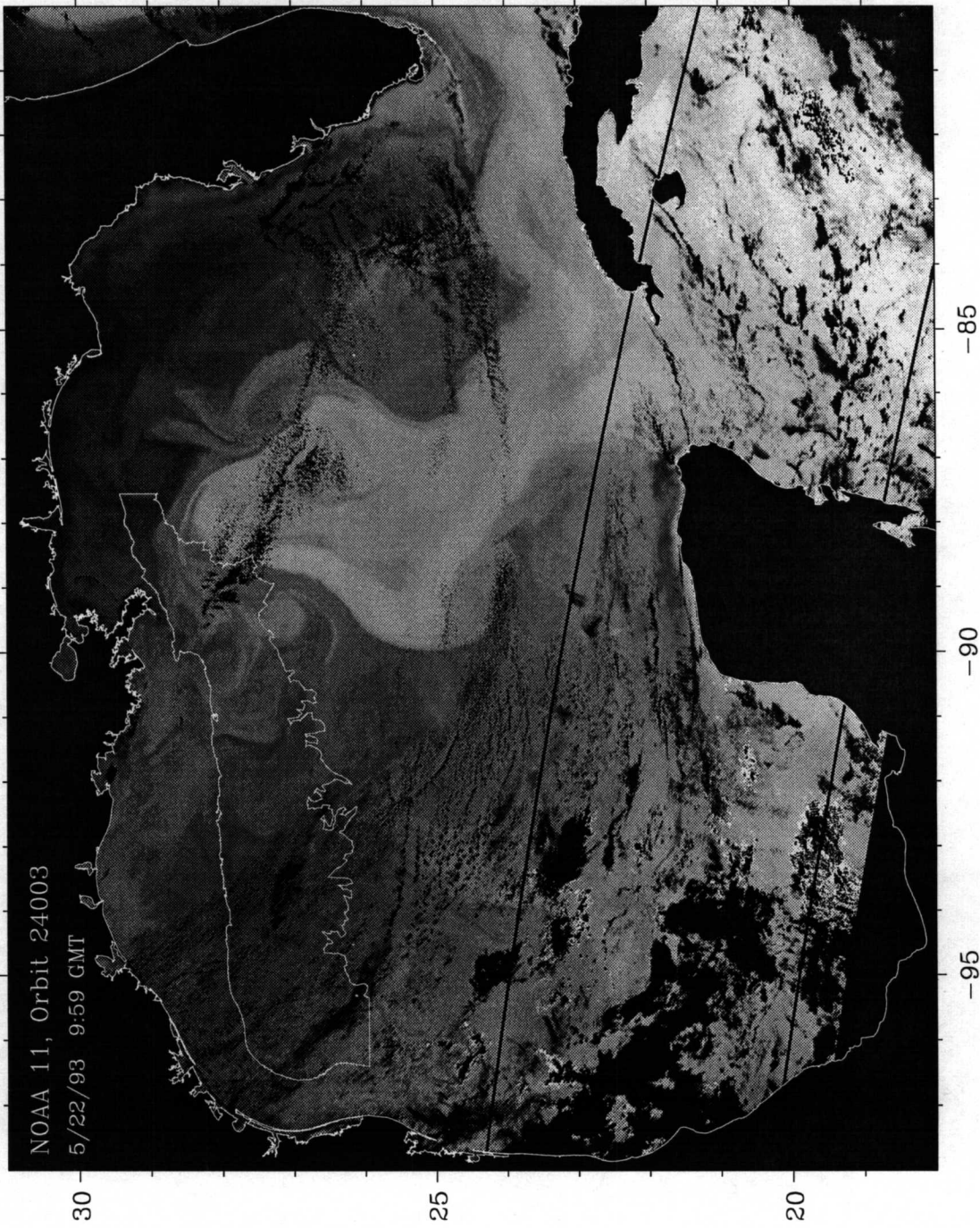
15.0

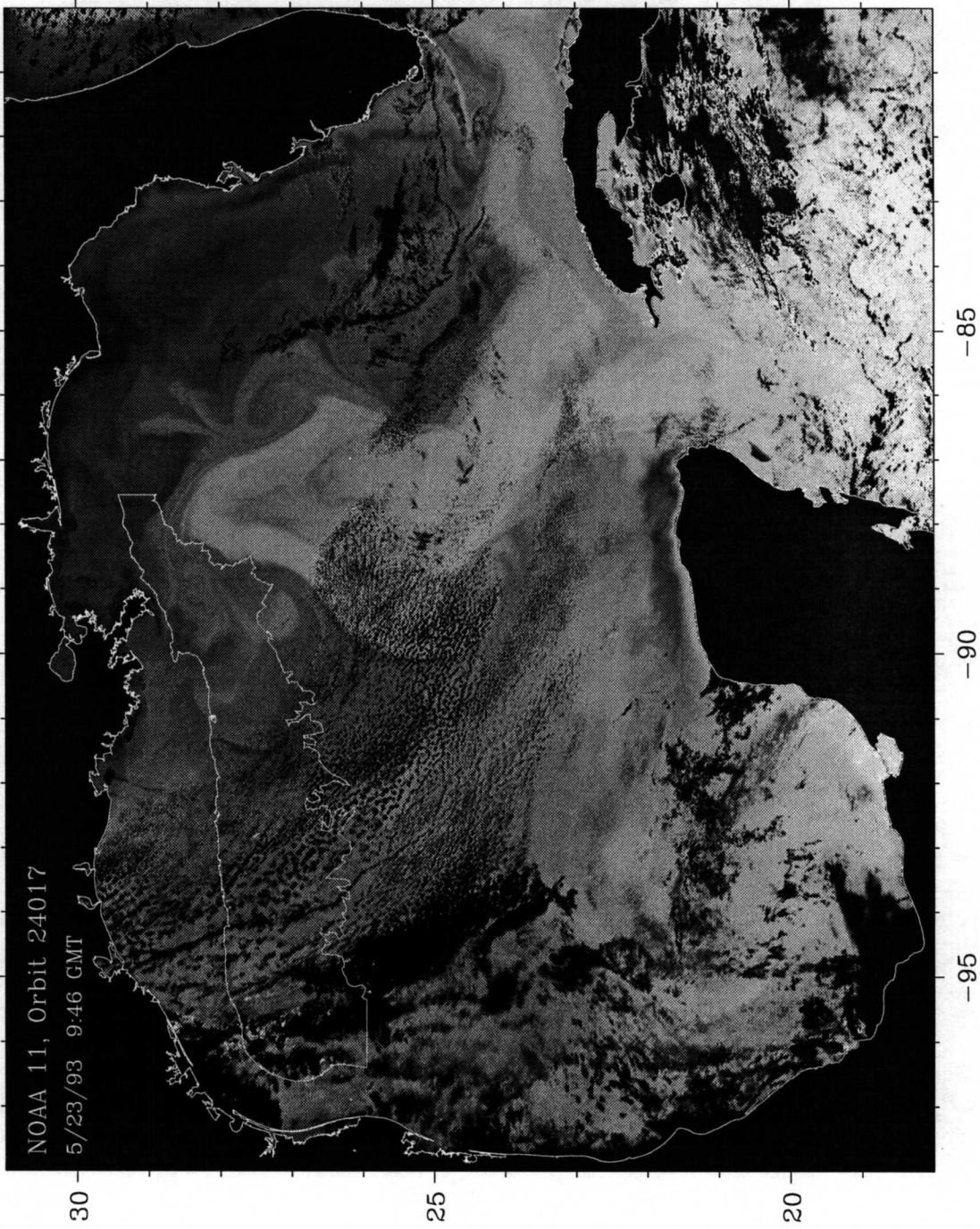
10.0

7.5

NOAA 11, Orbit 23996
5/21/93 21:34 GMT







NOAA 11, Orbit 24024

5/23/93 21:10 GMT

30

25

20

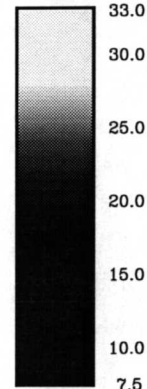
-95

-90

-85

436

Temperature (°C)



NOAA 11, Orbit 24031

5/24/93 9:33 GMT

30

25

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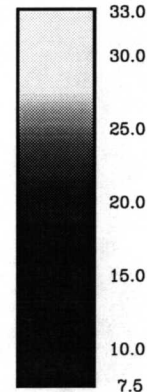
-95

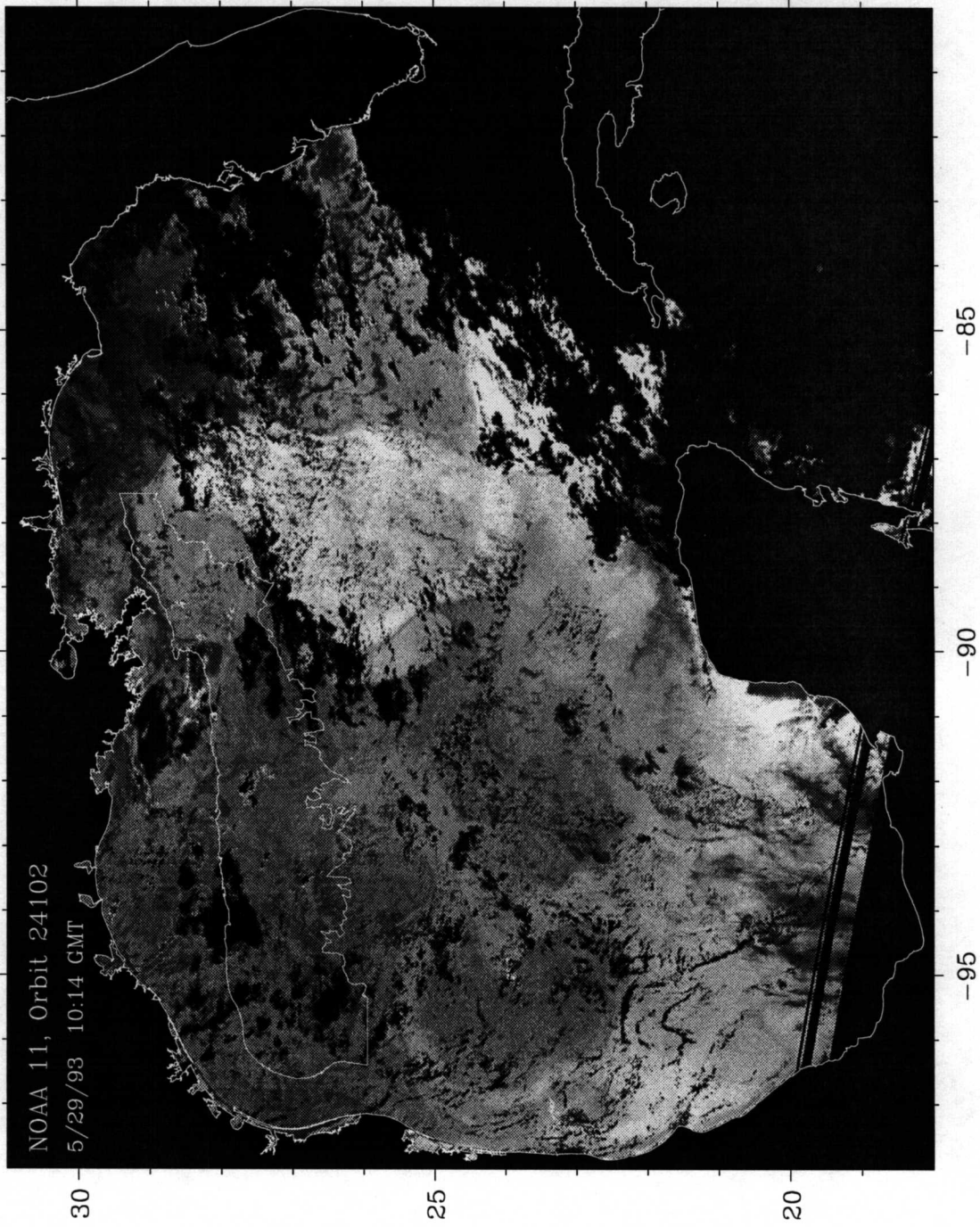
-90

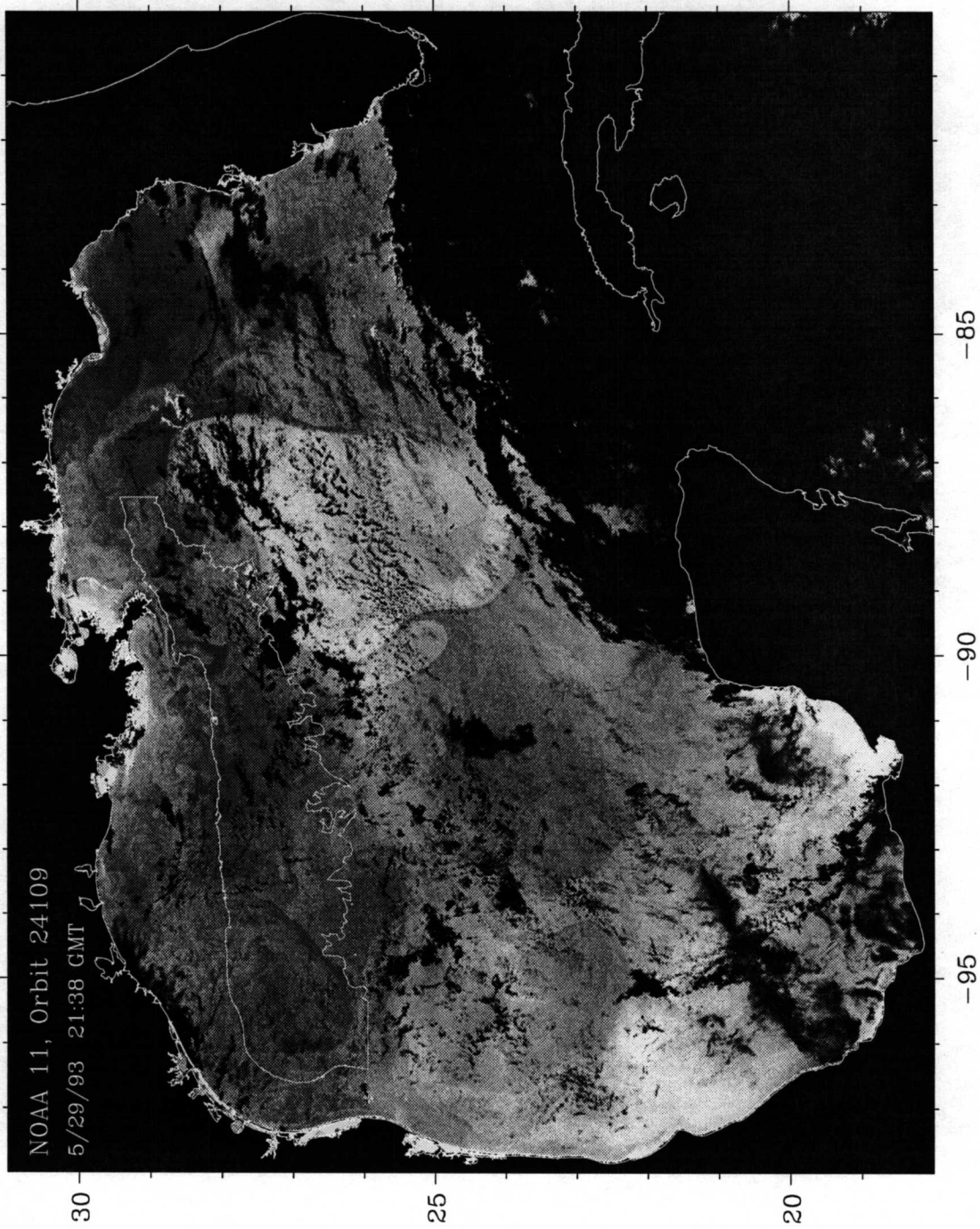
-85

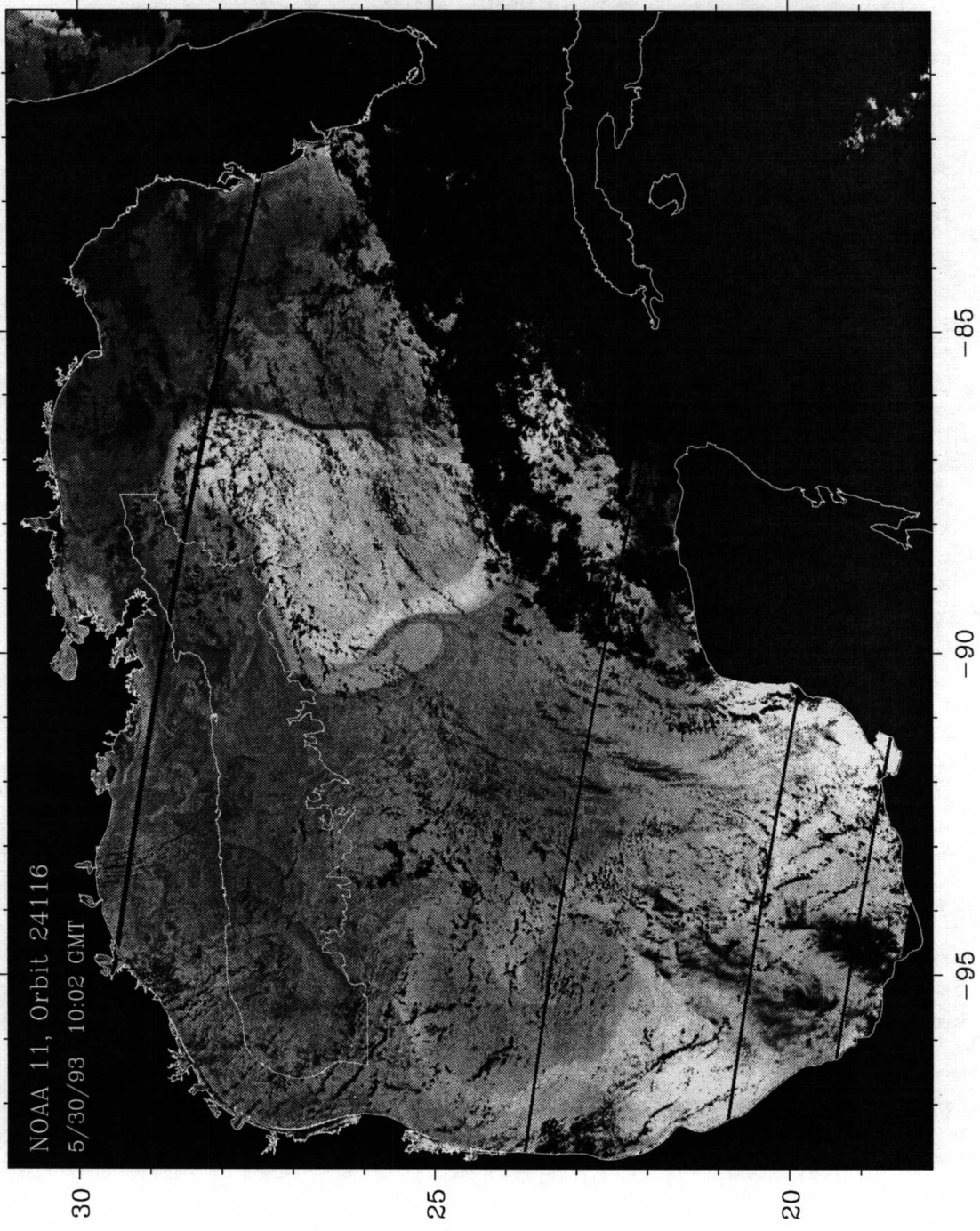
437

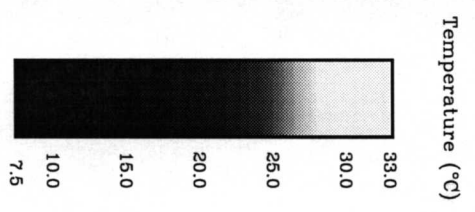
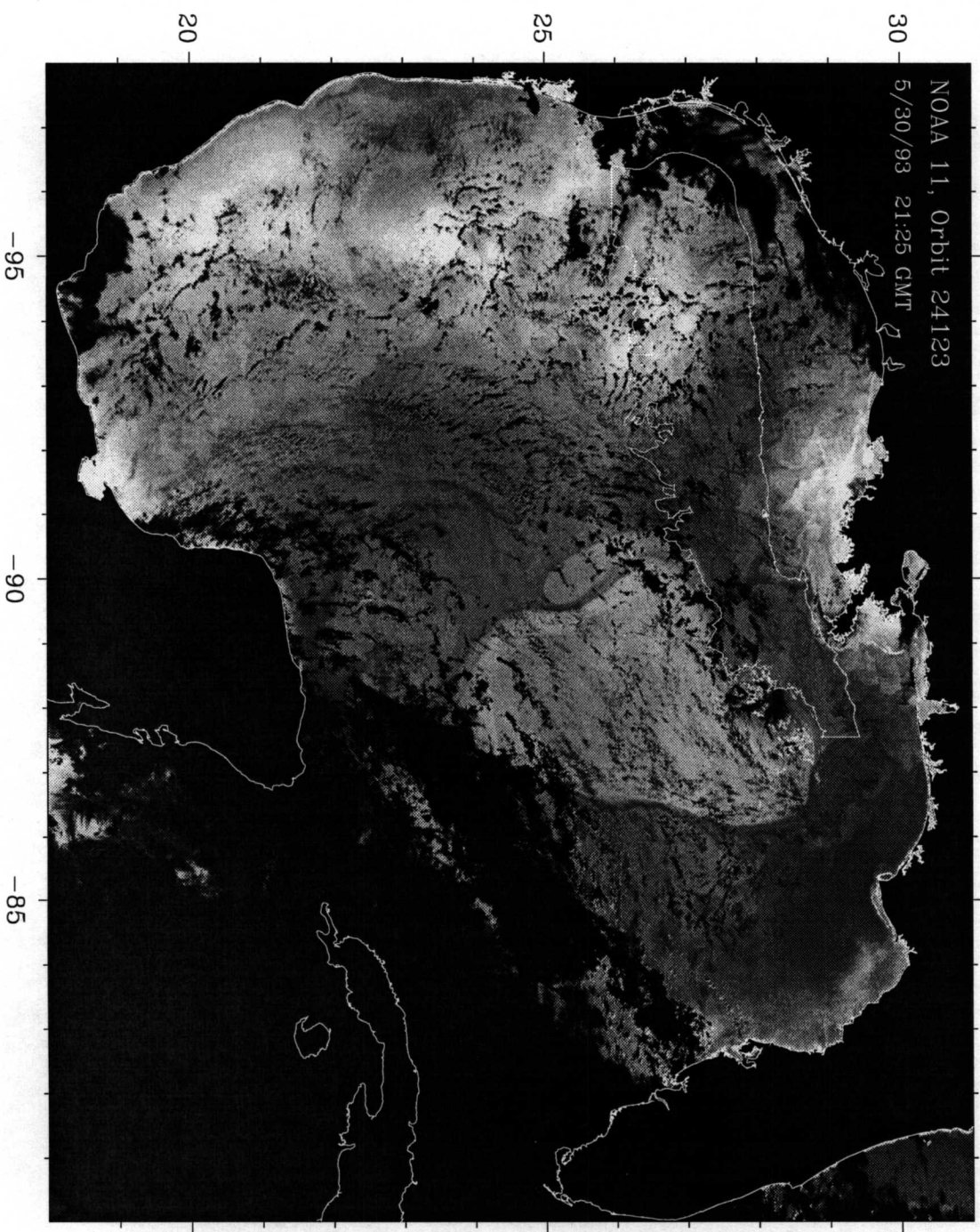
Temperature (°C)











NOAA 11, Orbit 24137

5/31/93 21:13 GMT

30

25

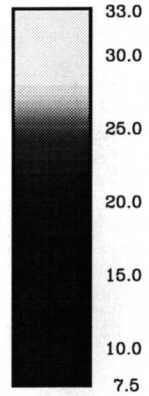
20

-95

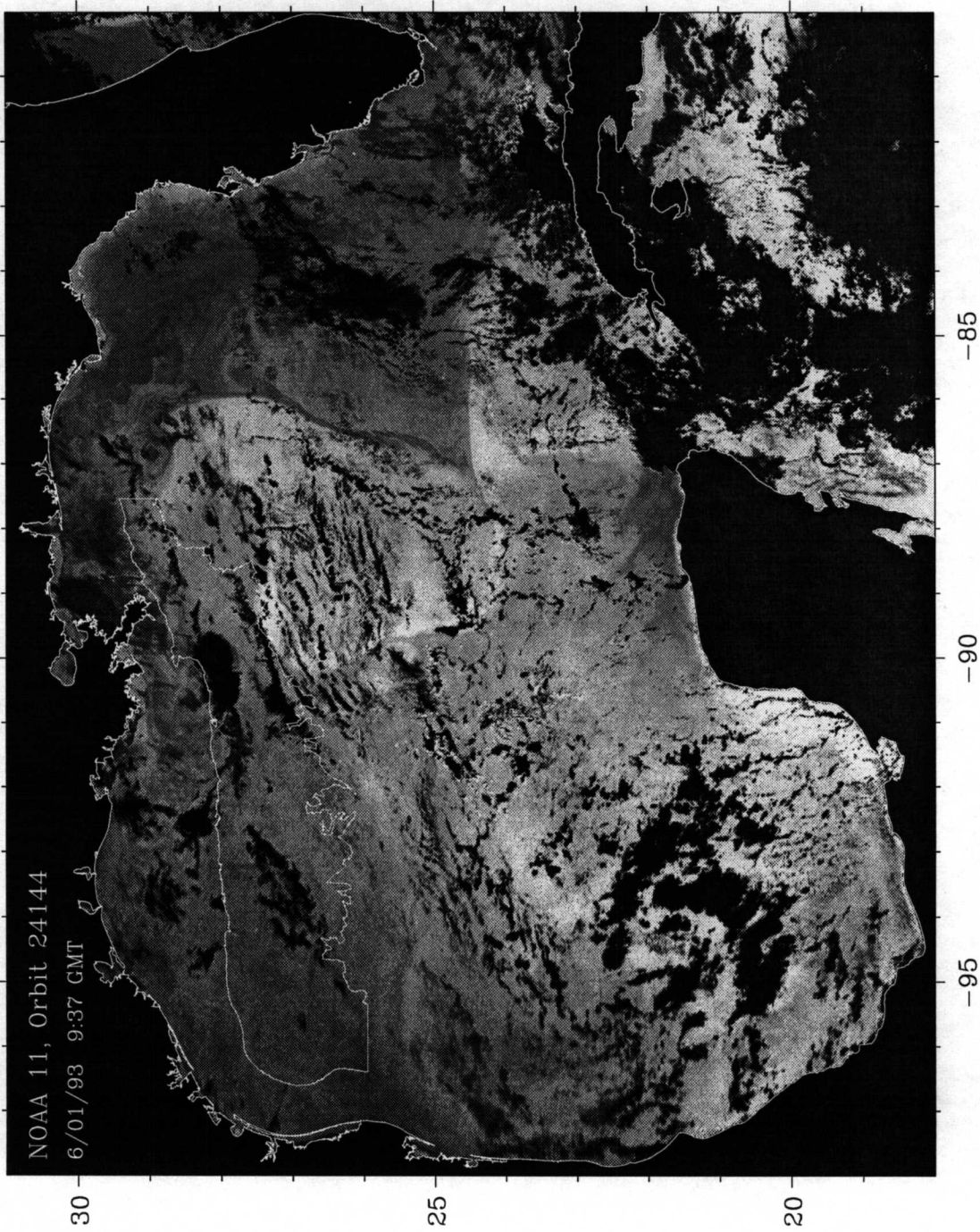
-90

-85

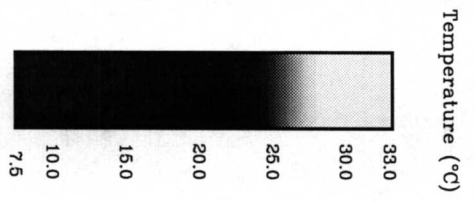
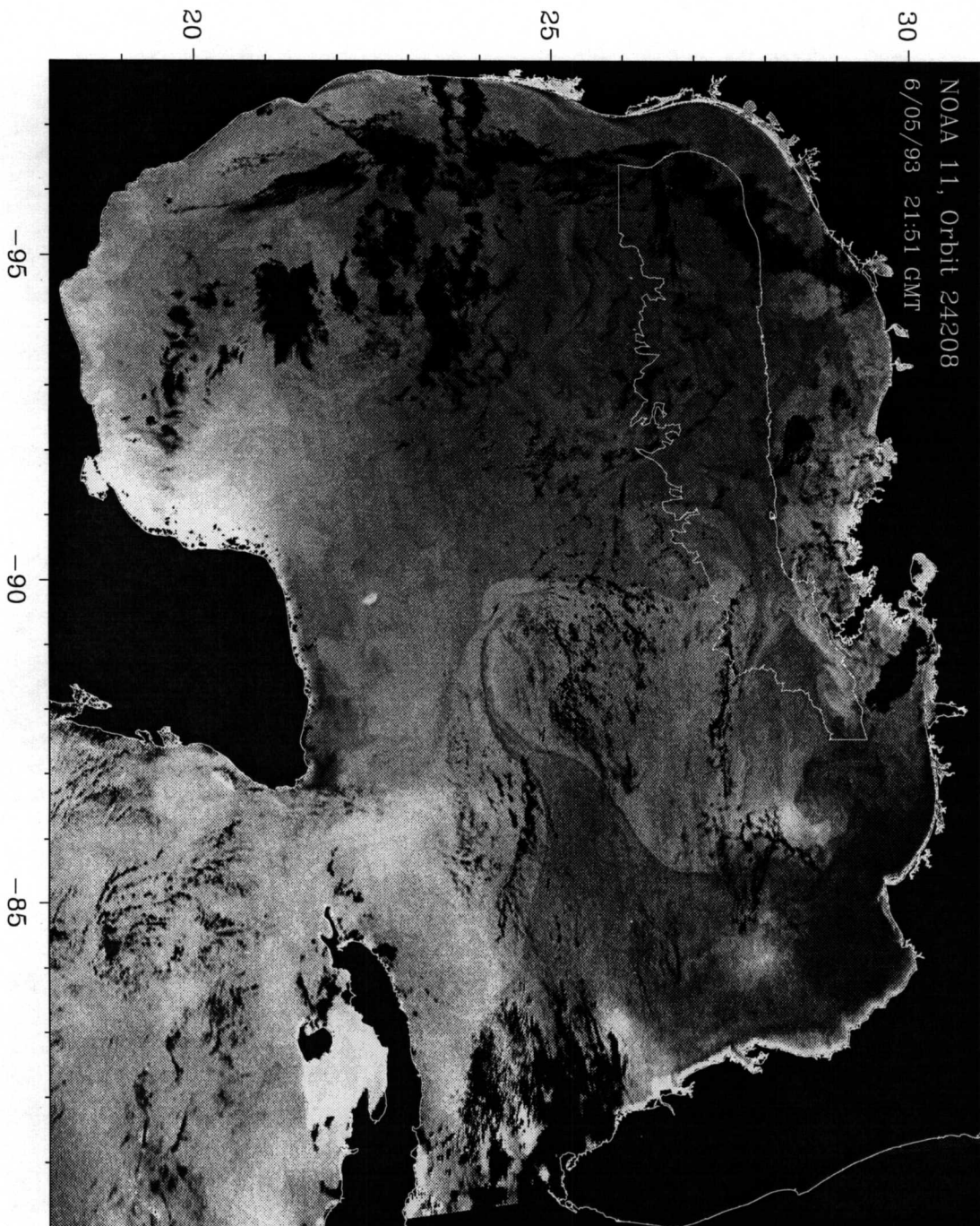
Temperature (°C)

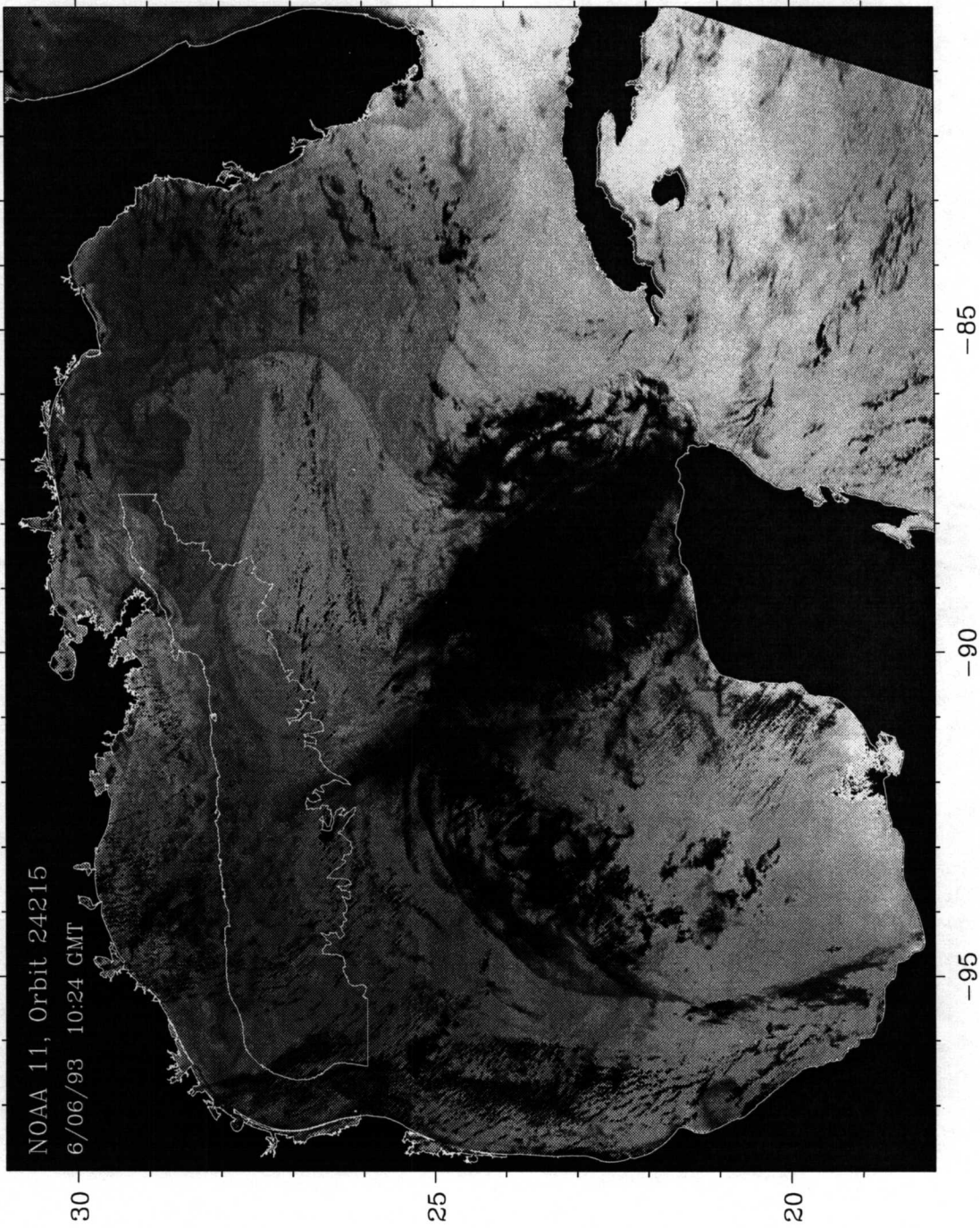


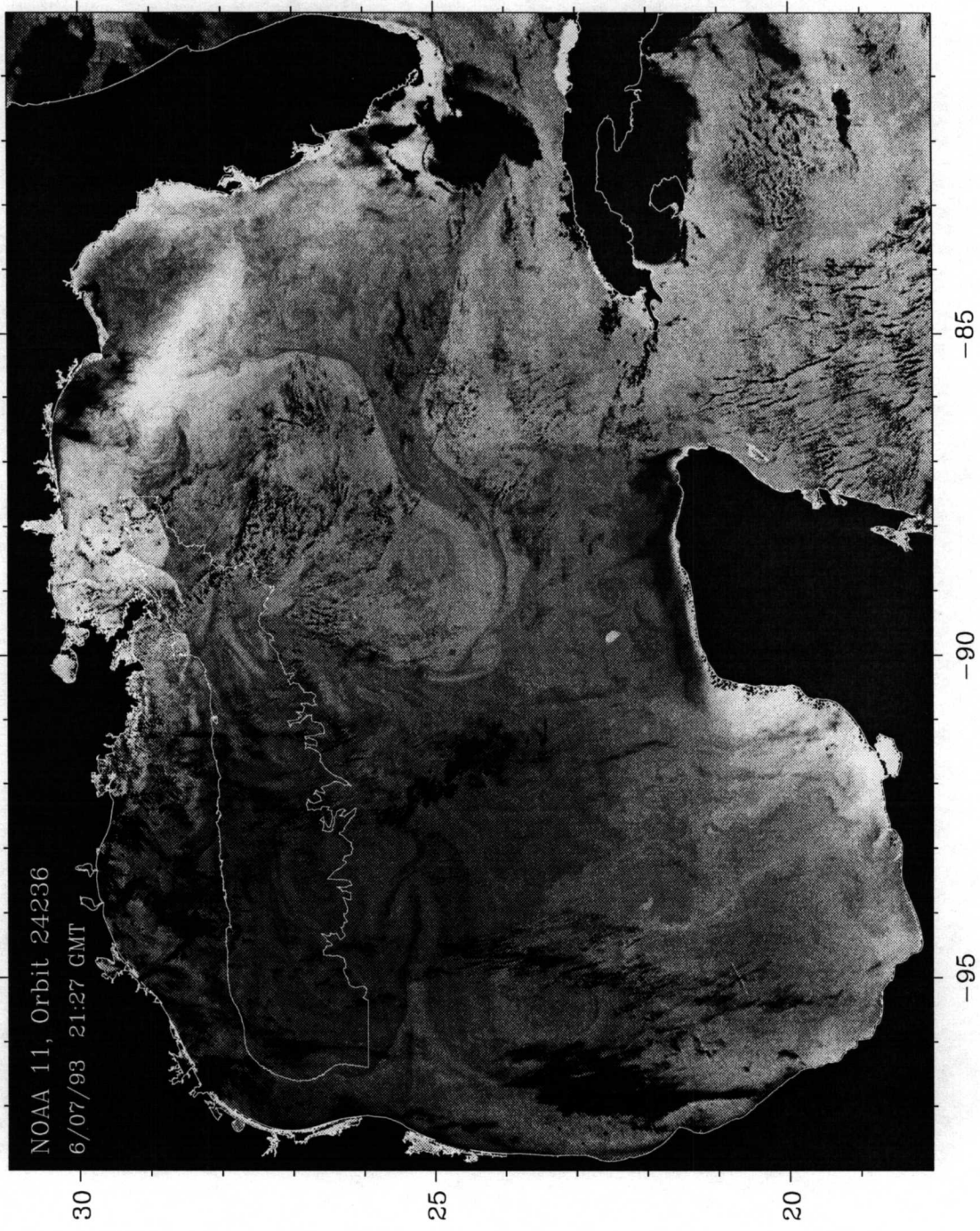
442



NOAA 11, Orbit 24208
6/05/93 21:51 GMT







NOAA 11, Orbit 24349

6/15/93 21:31 GMT

30

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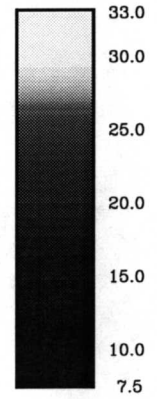
20

-95

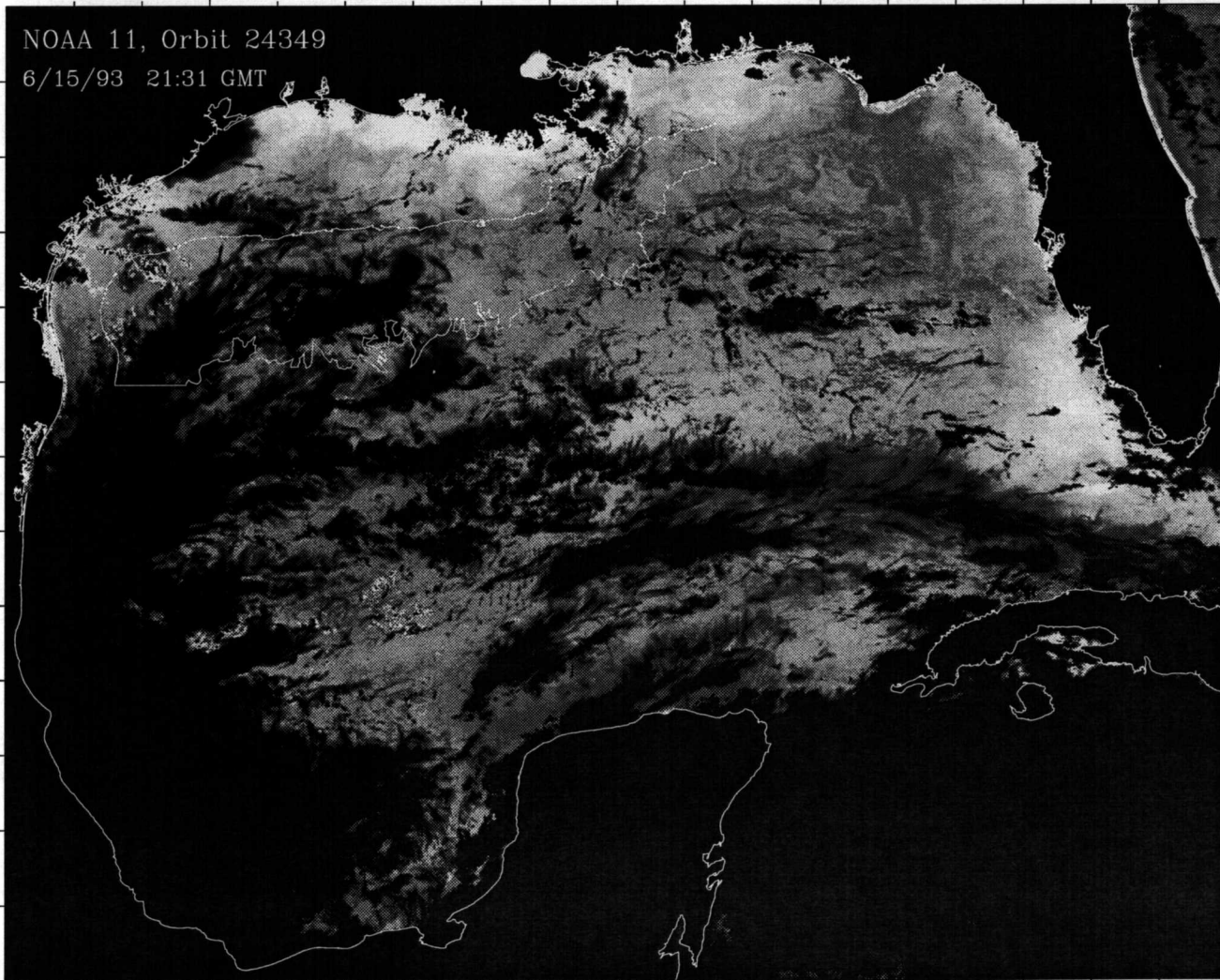
-90

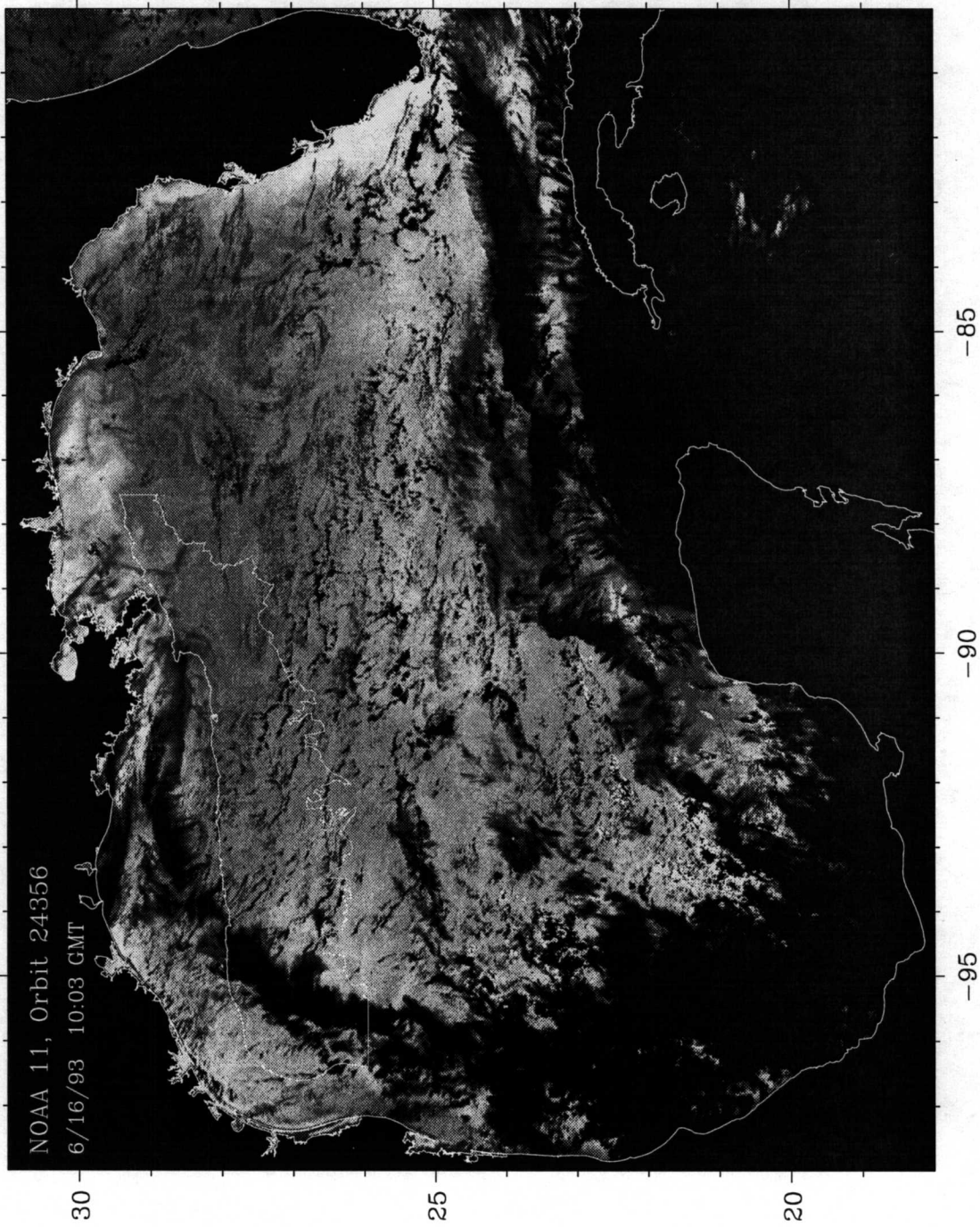
-85

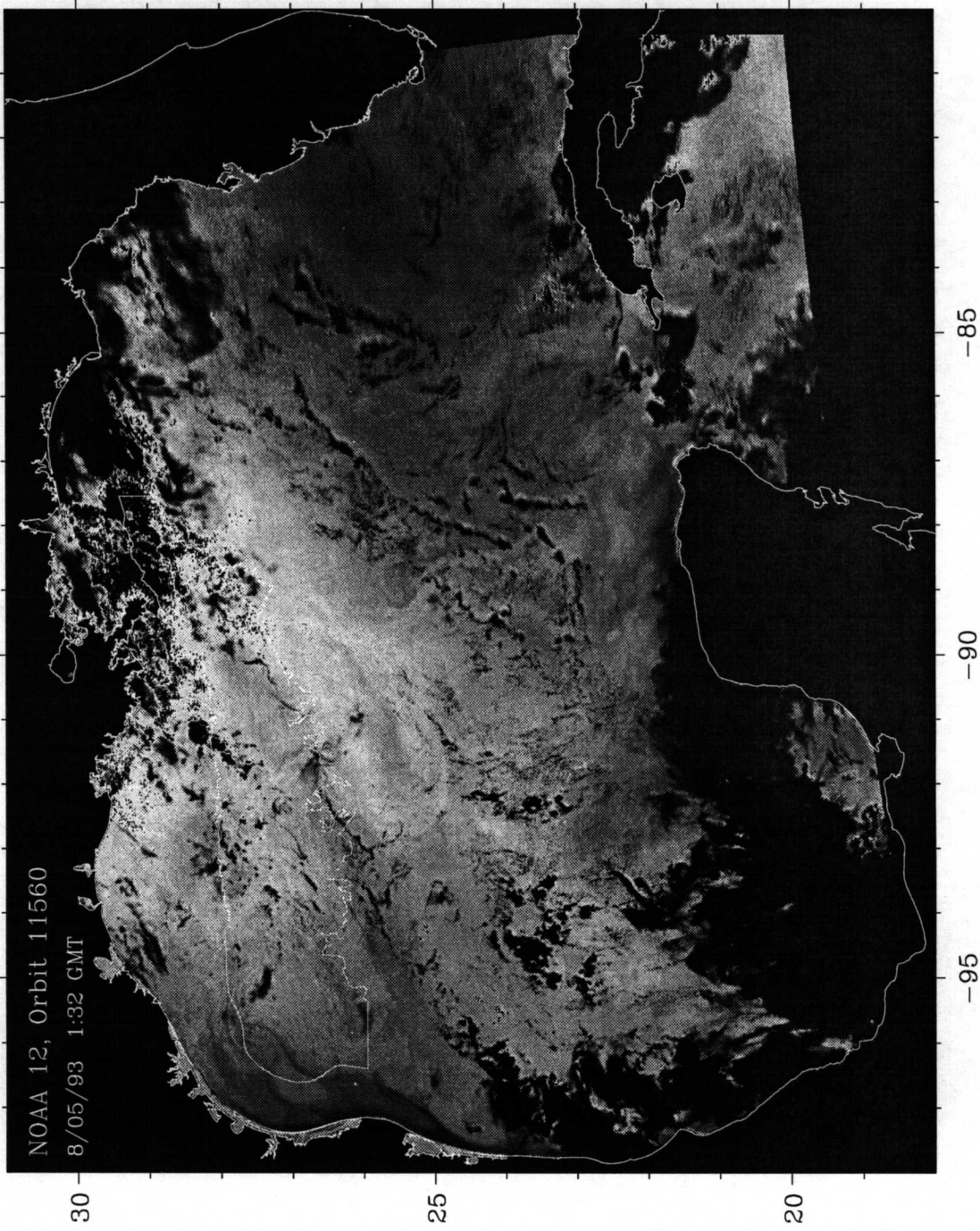
Temperature (°C)



447

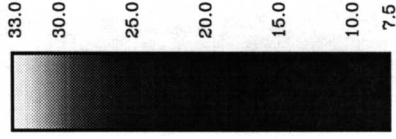


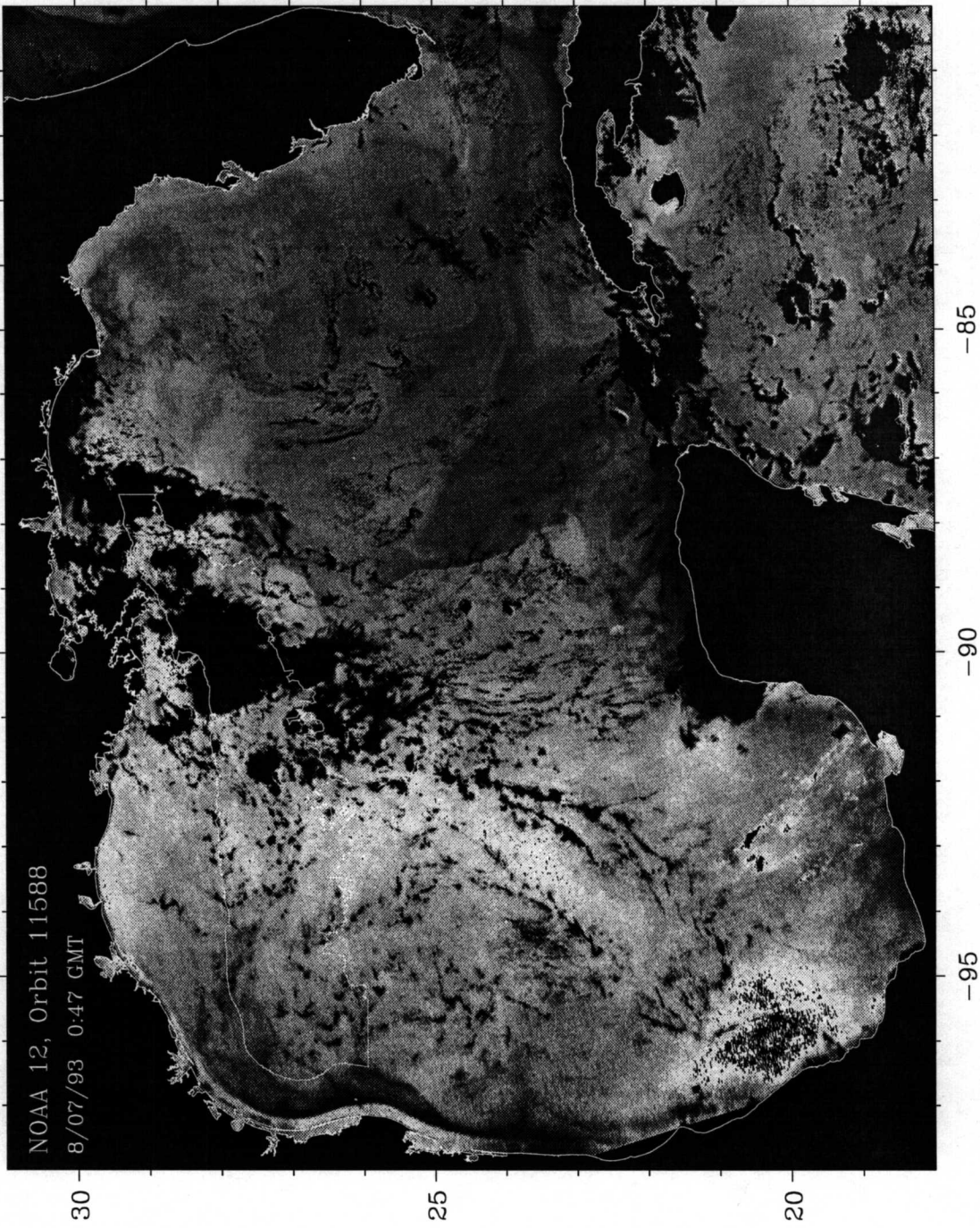




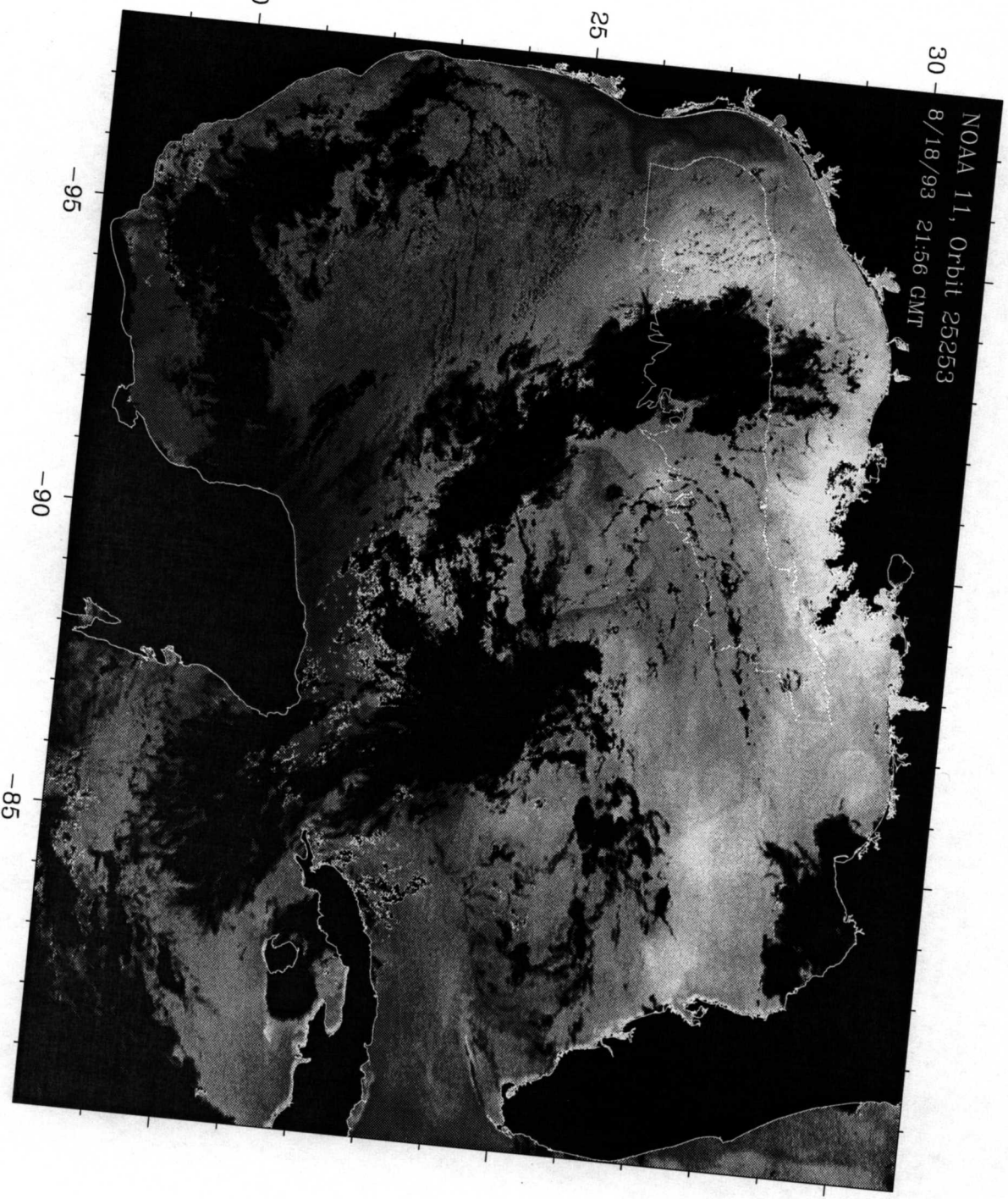
NOAA 12, Orbit 11560
8/05/93 1:32 GMT

Temperature (°C)





NOAA 11, Orbit 25253
8/18/93 21:56 GMT



451

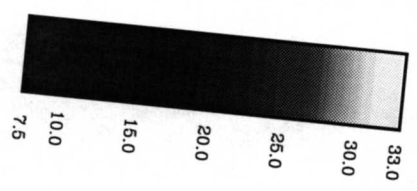
20

25

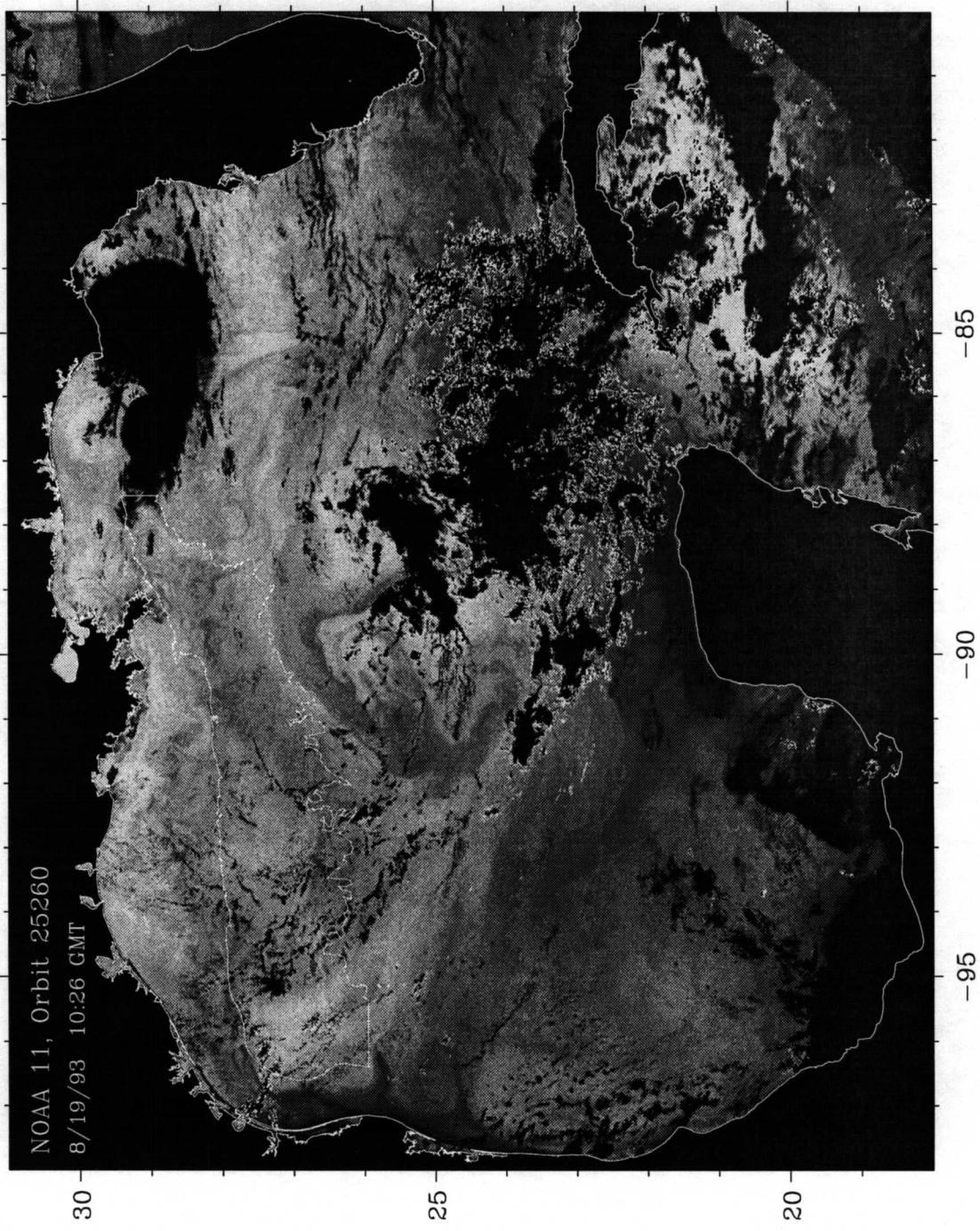
-95

-90

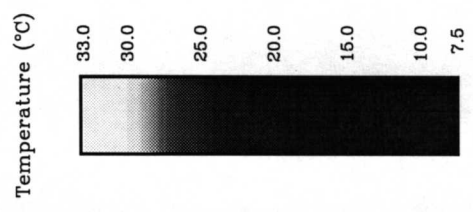
-85

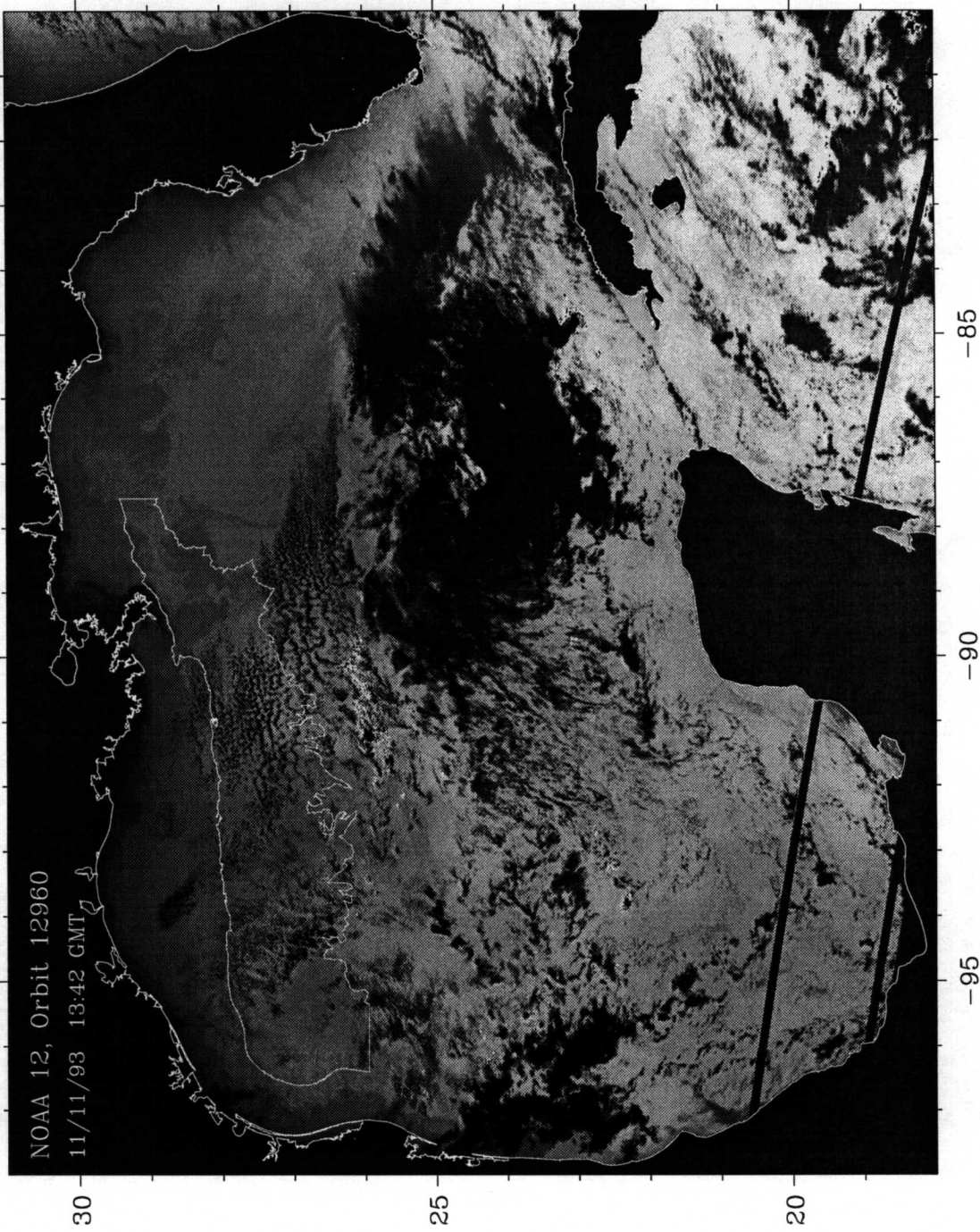


Temperature (°C)

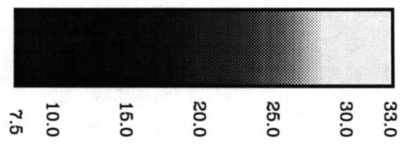
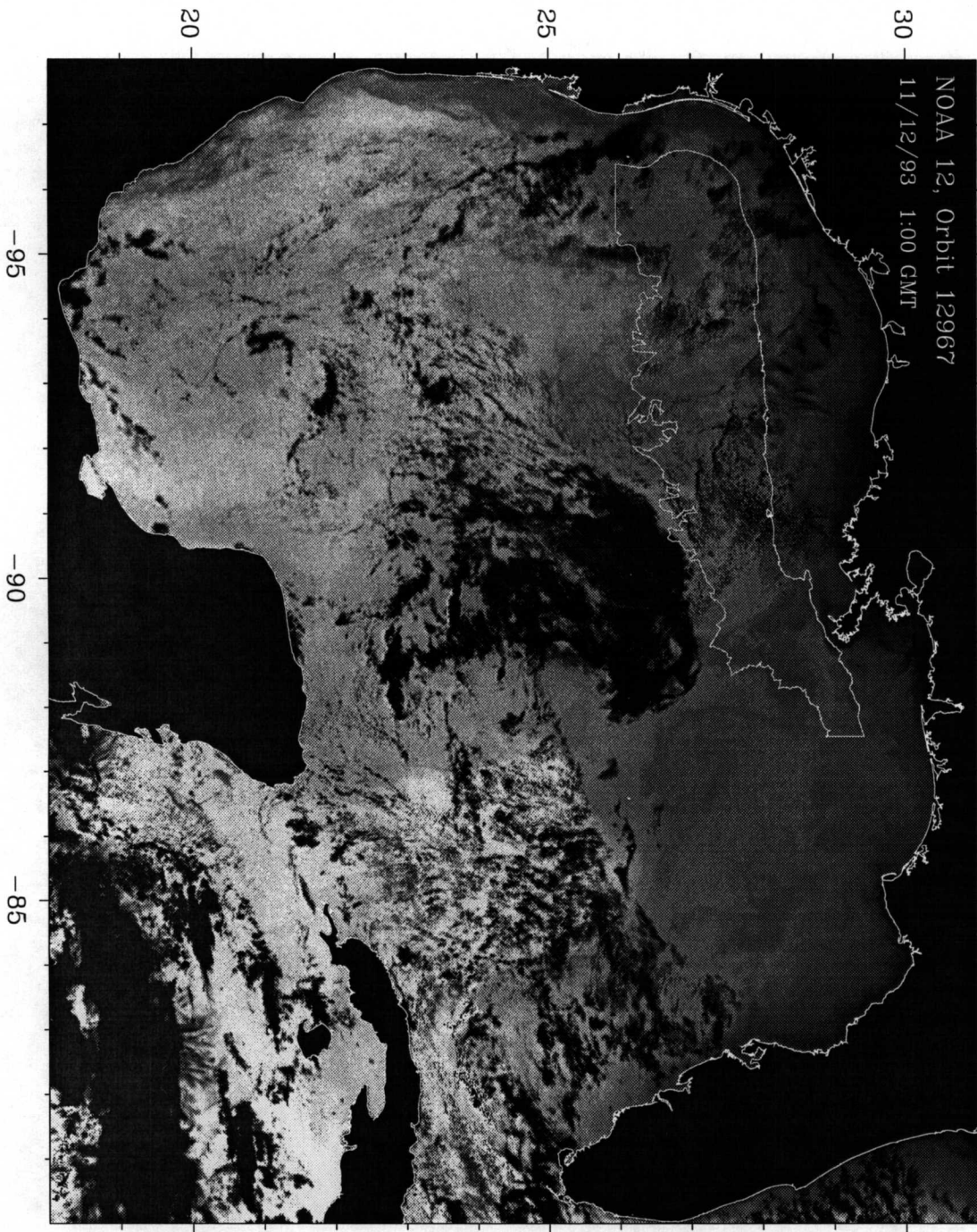


NOAA 11, Orbit 25260
8/19/93 10:26 GMT





NOAA 12, Orbit 12967
11/12/93 1:00 GMT



Temperature (°C)

NOAA 12, Orbit 13095

11/21/93 1:07 GMT

455

30

25

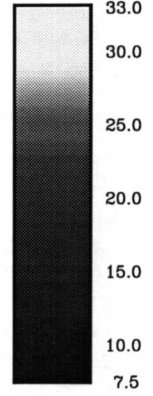
20

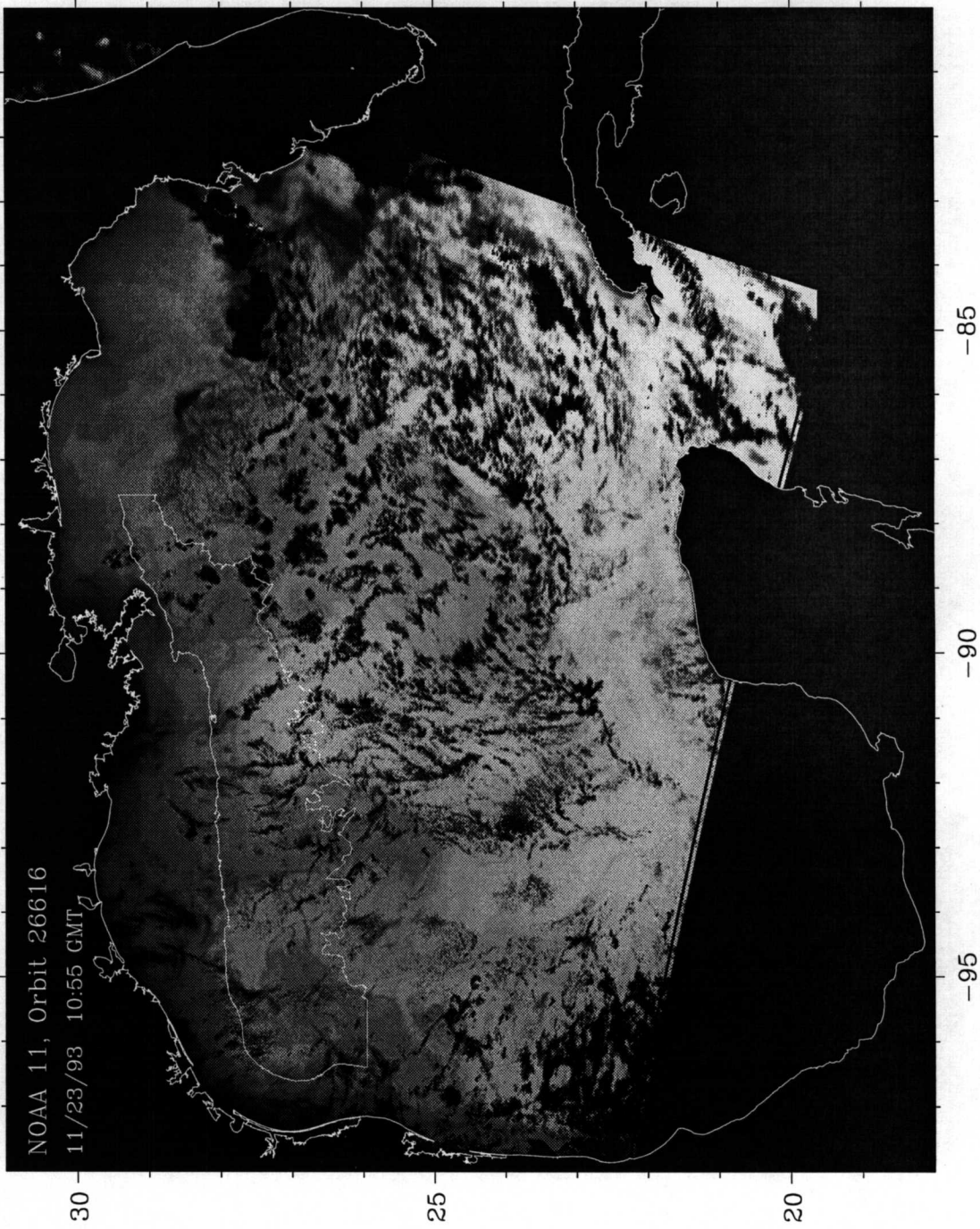
-95

-90

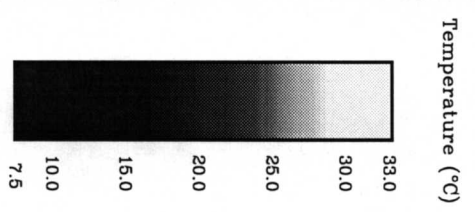
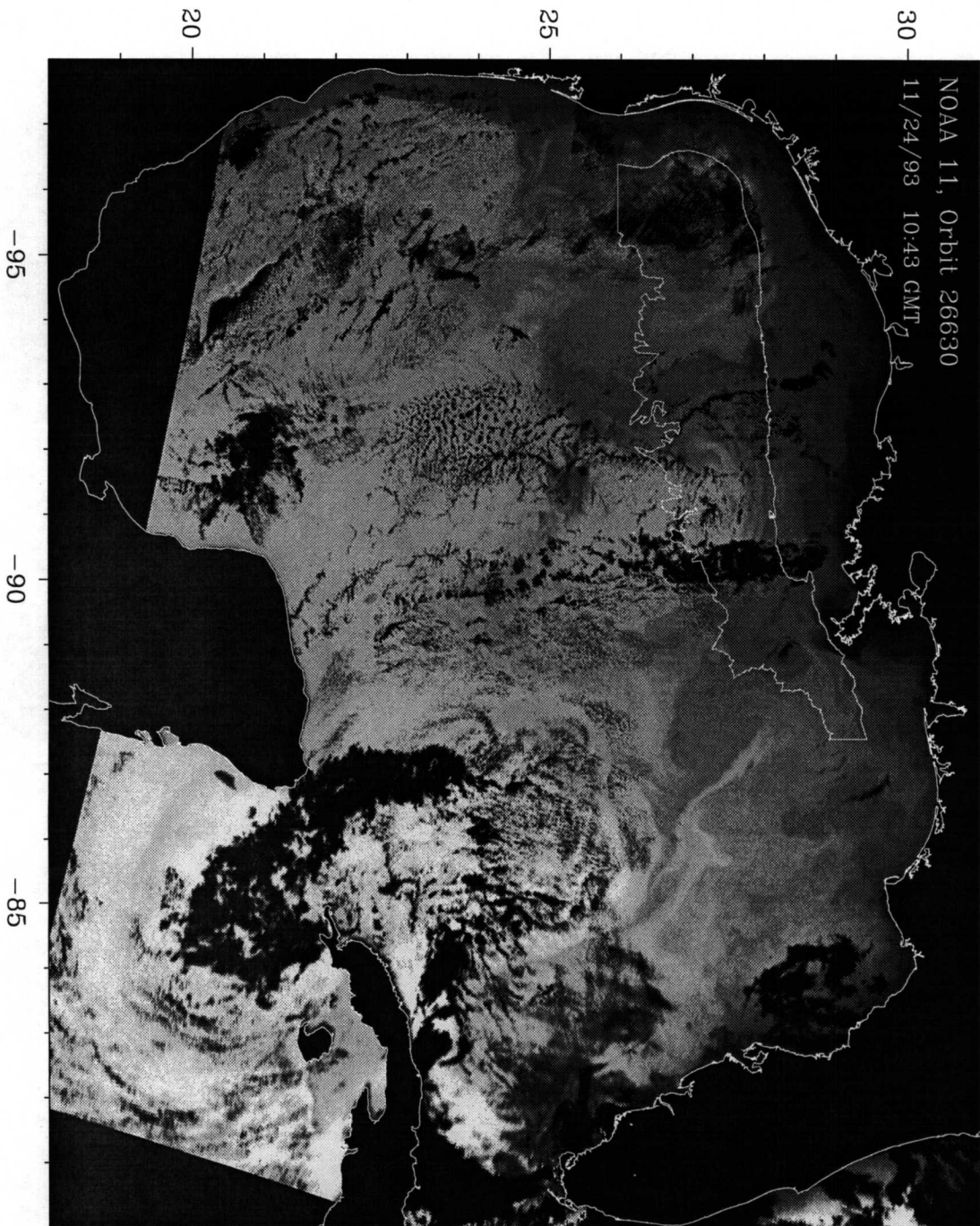
-85

Temperature (°C)

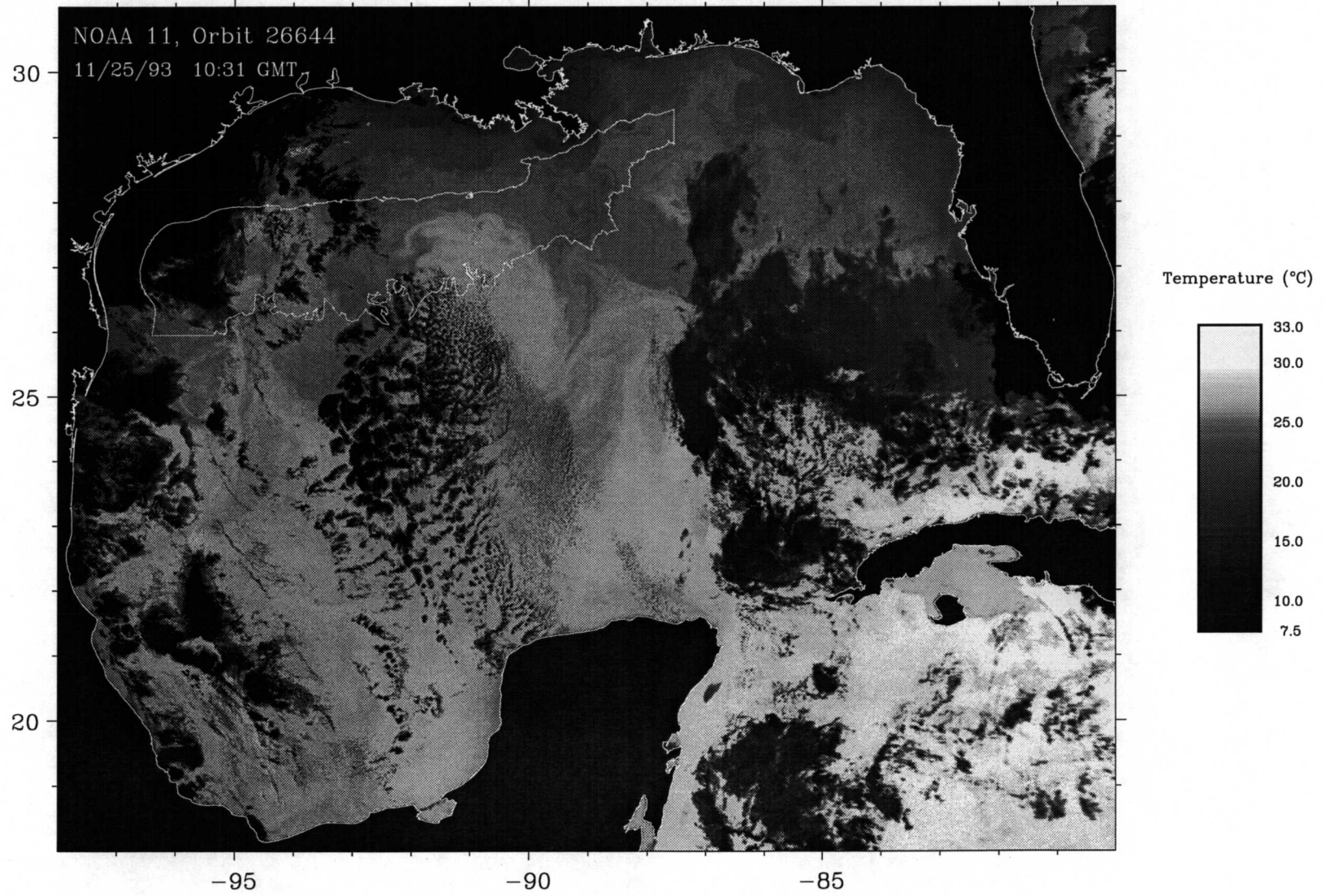




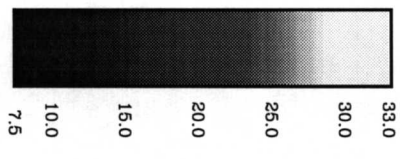
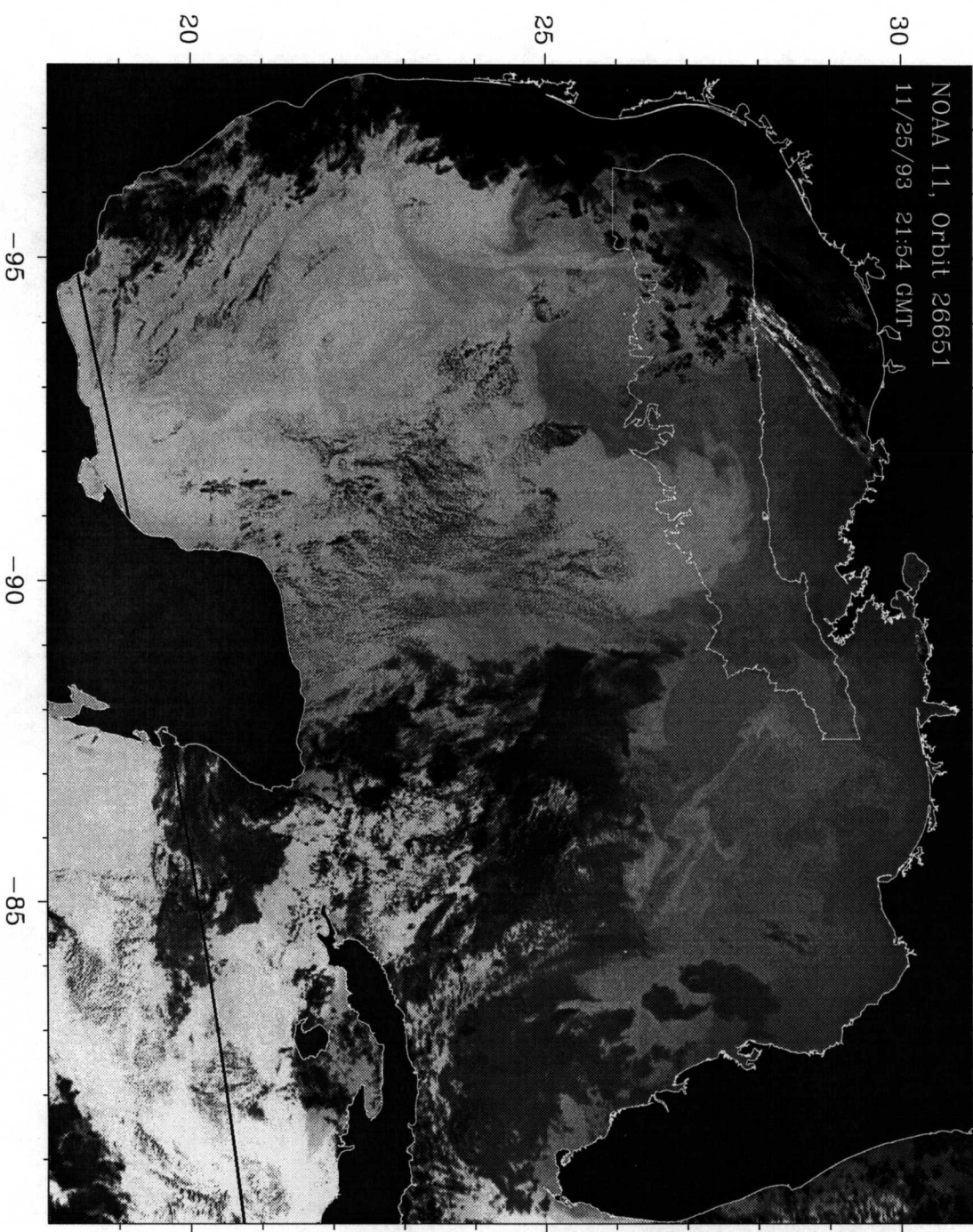
NOAA 11, Orbit 26630
11/24/93 10:43 GMT



458



NOAA 11, Orbit 26651
11/25/93 21:54 GMT



Temperature (°C)

NOAA 11, Orbit 26658

11/26/93 10:19 GMT

460

30

25

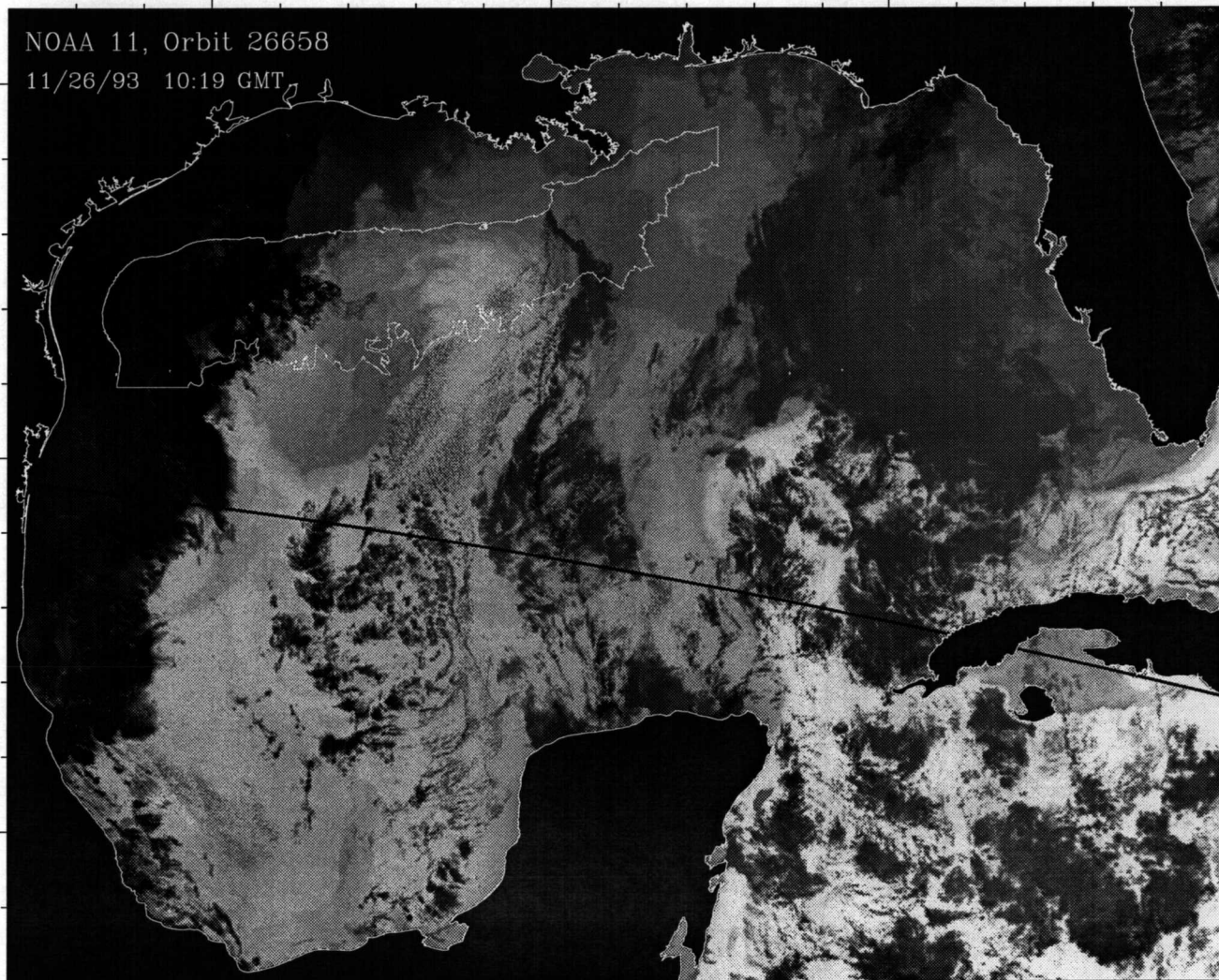
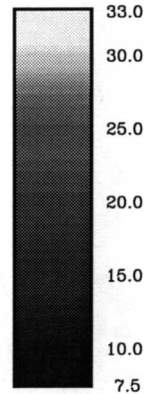
20

-95

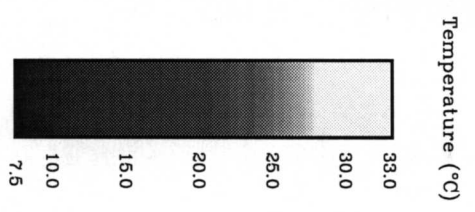
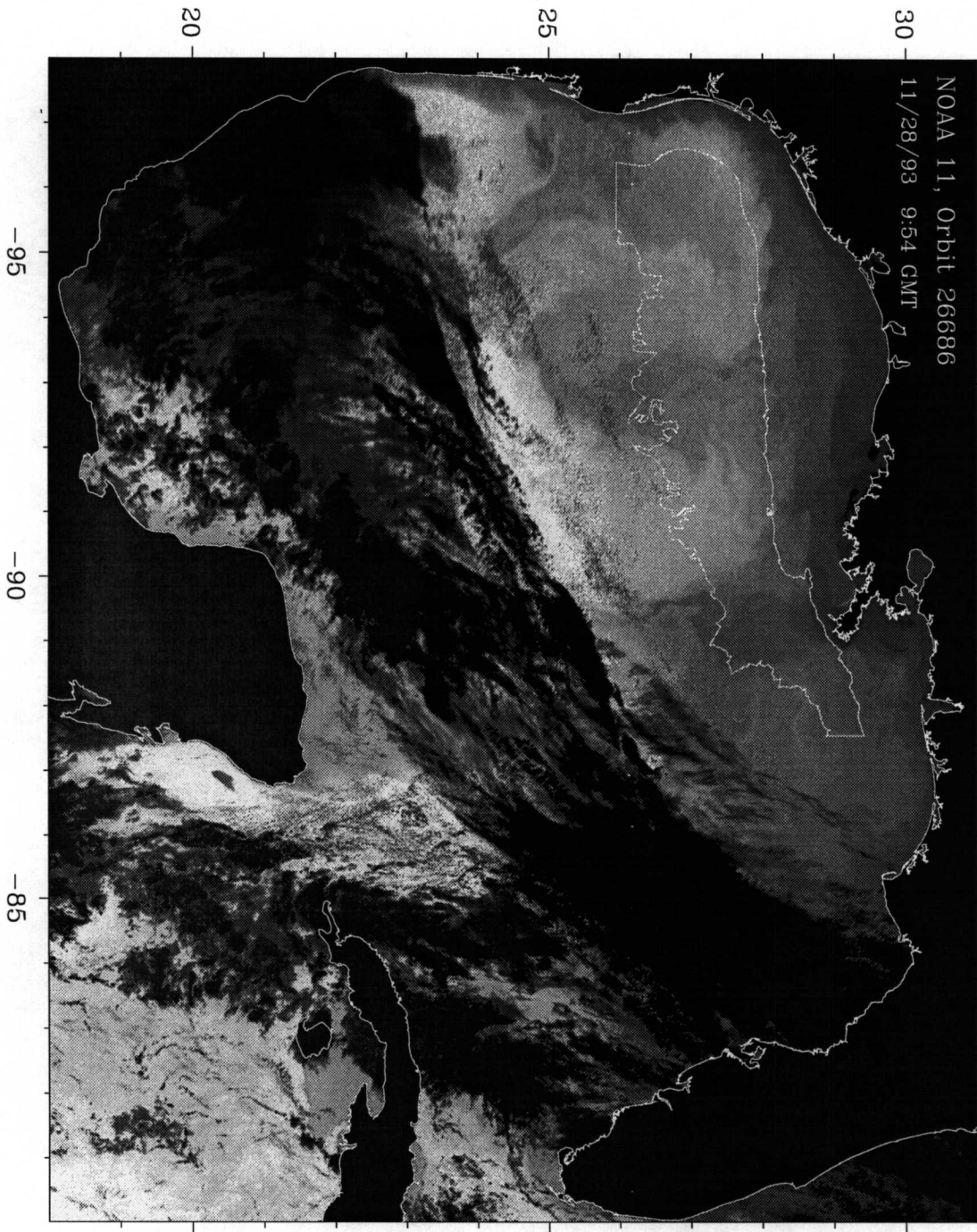
-90

-85

Temperature (°C)



NOAA 11, Orbit 26686
11/28/93 9:54 GMT



NOAA 11, Orbit 26693

11/28/93 21:18 GMT

30

25

20

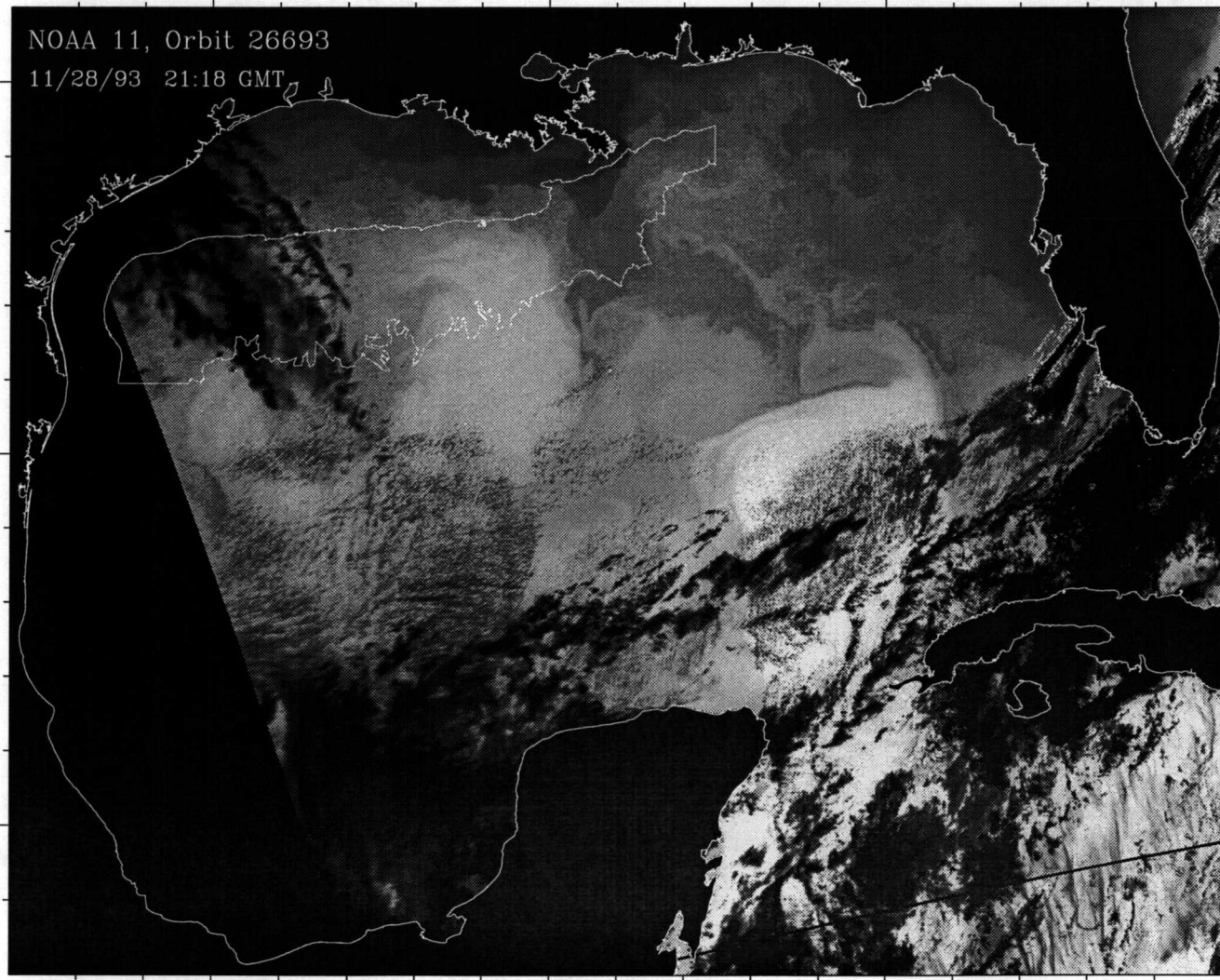
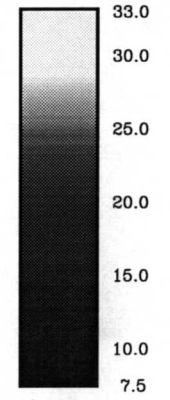
-95

-90

-85

462

Temperature (°C)



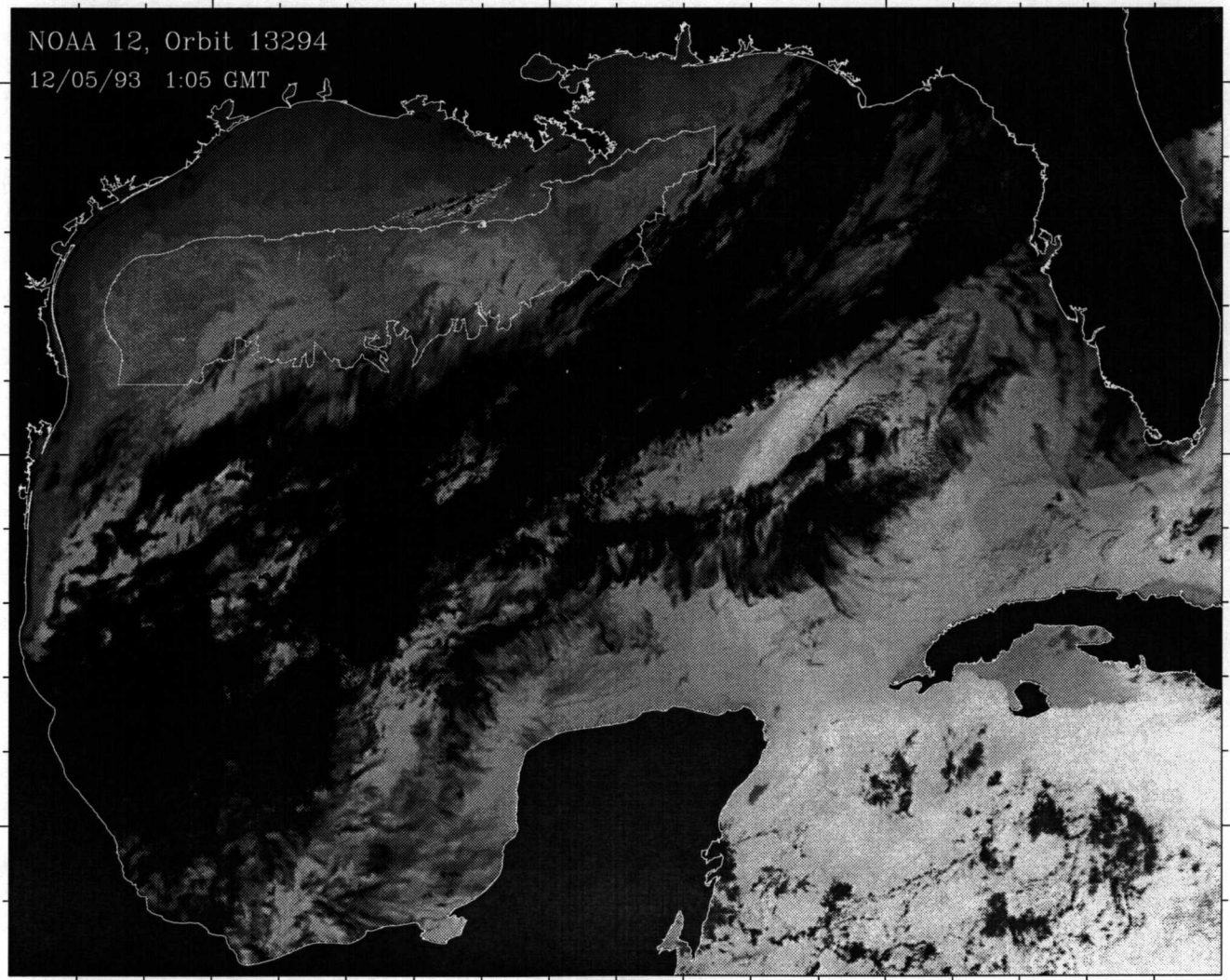
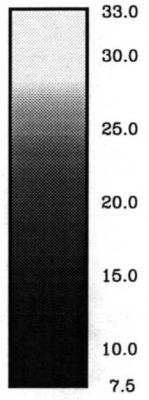
NOAA 12, Orbit 13294
12/05/93 1:05 GMT

30
25
20

463

-95 -90 -85

Temperature (°C)



NOAA 11, Orbit 26870

12/11/93 10:37 GMT

30

25

20

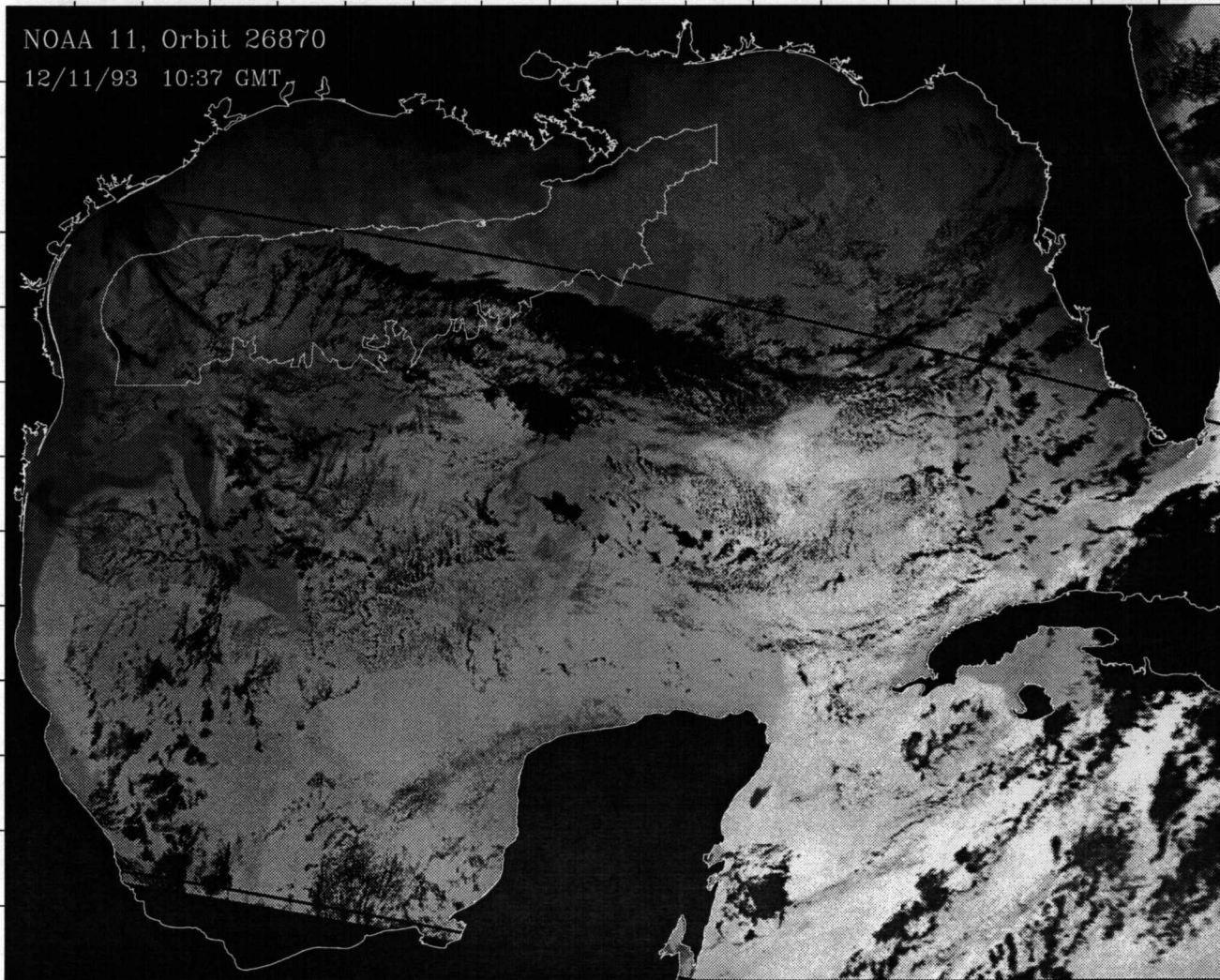
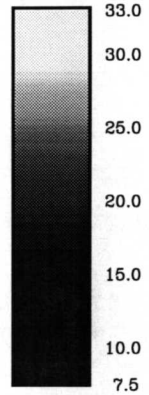
-95

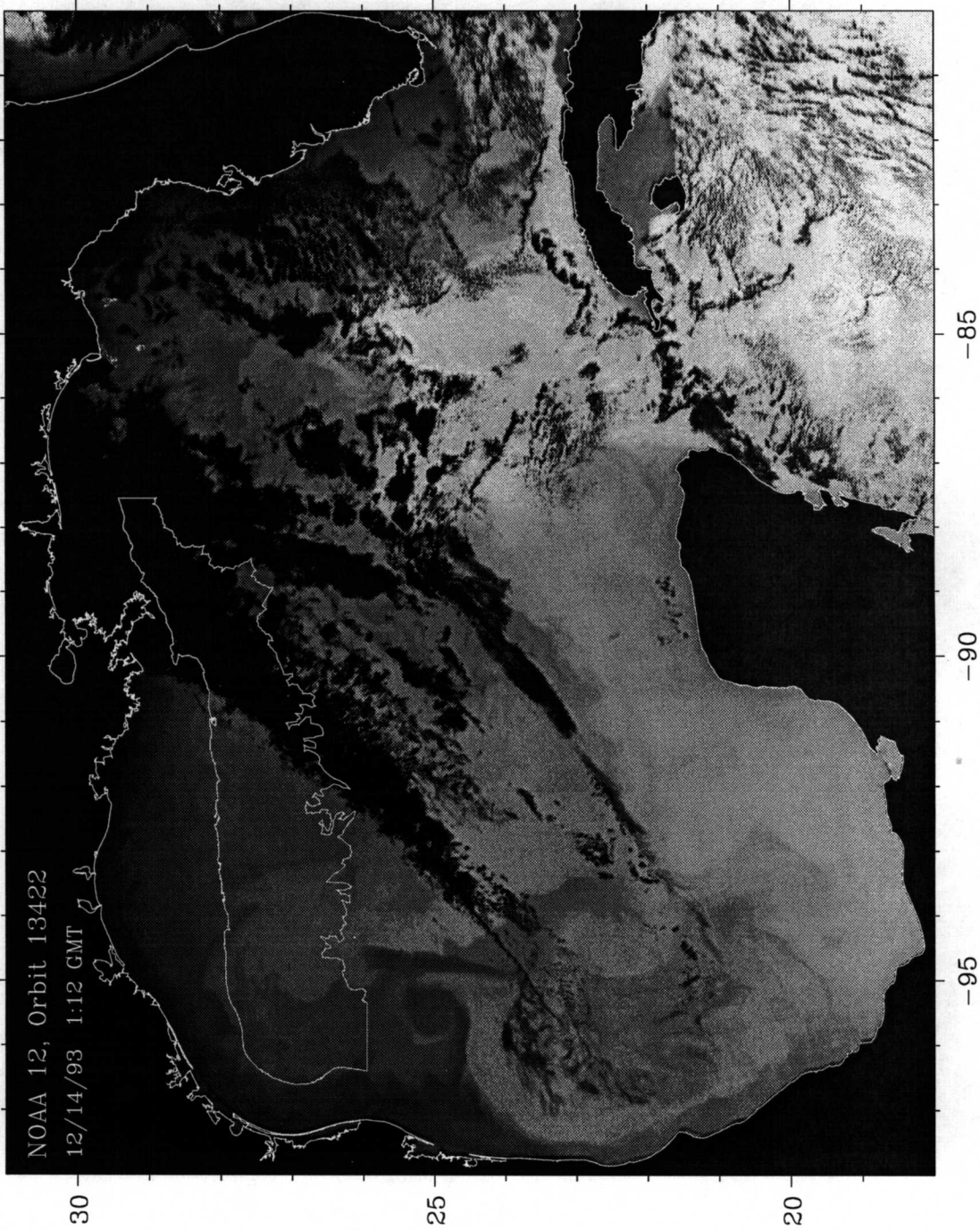
-90

-85

464

Temperature (°C)





NOAA 12, Orbit 14353

2/17/94 13:29 GMT

466

30

25

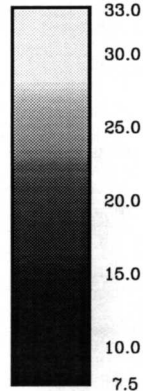
20

-95

-90

-85

Temperature (°C)



NOAA 12, Orbit 14360

2/18/94 0:50 GMT

30

25

20

-95

-90

-85

467

Temperature (°C)



33.0

30.0

25.0

20.0

15.0

10.0

7.5

NOAA 12, Orbit 14552

3/03/94 13:29 GMT

468

30

25

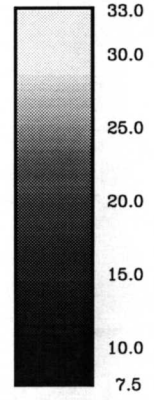
20

-95

-90

-85

Temperature (°C)



NOAA 11, Orbit 28042

3/04/94 10:34 GMT

30

25

20

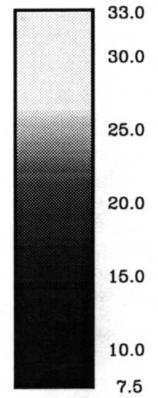
-95

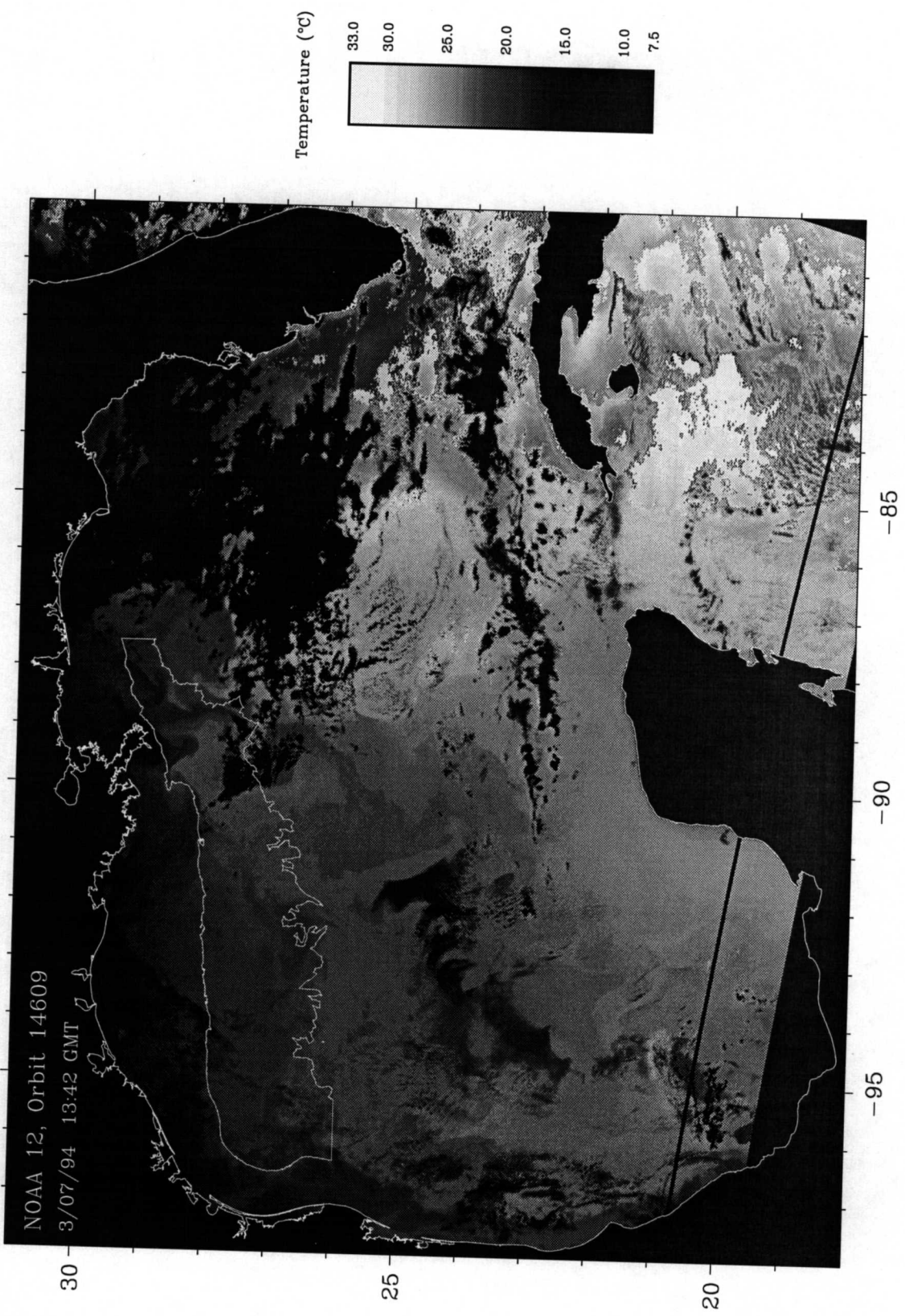
-90

-85

469

Temperature (°C)





NOAA 12, Orbit 14616

3/08/94 1:01 GMT

30

25

20

-95

-90

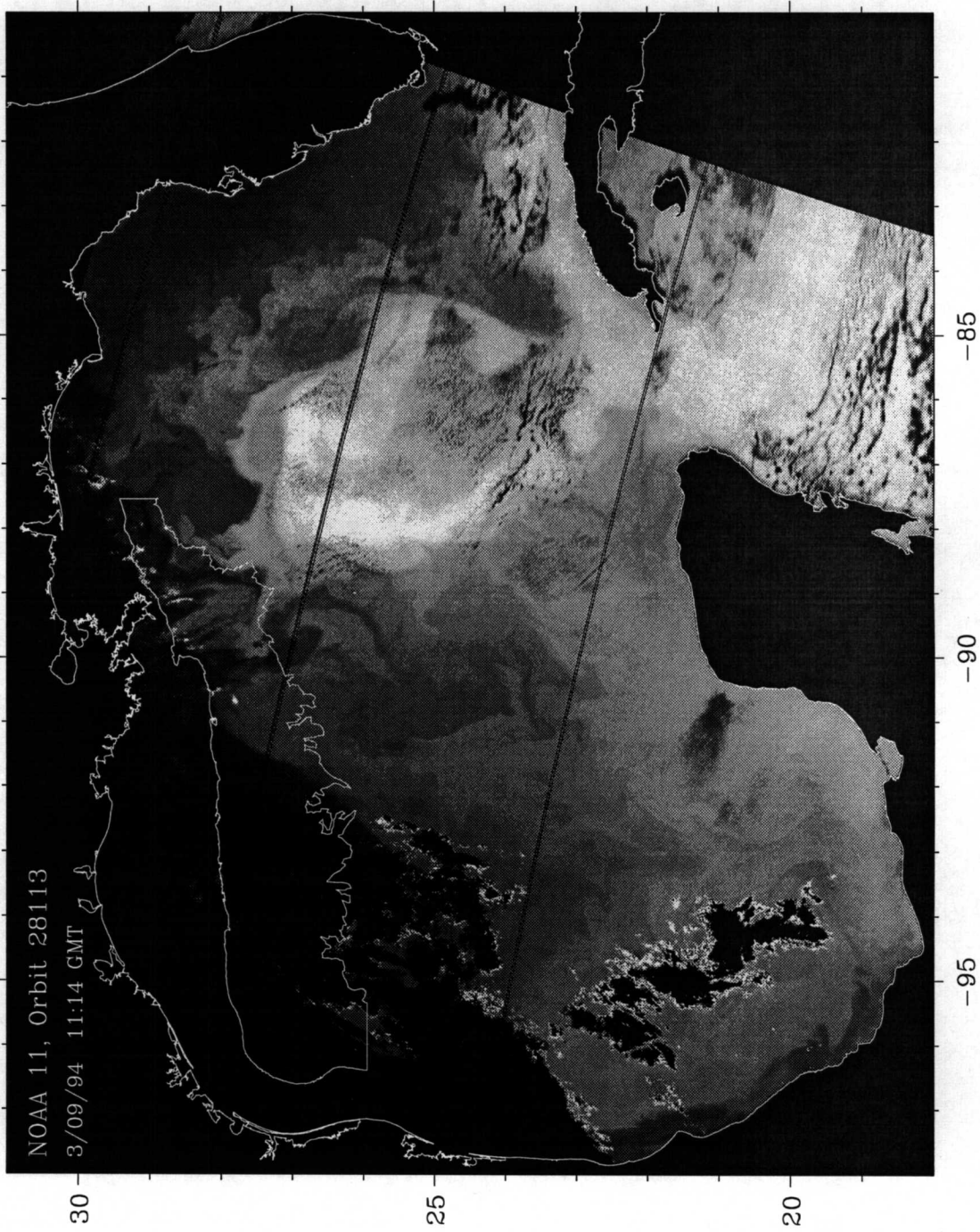
-85

471

Temperature (°C)



33.0
30.0
25.0
20.0
15.0
10.0
7.5



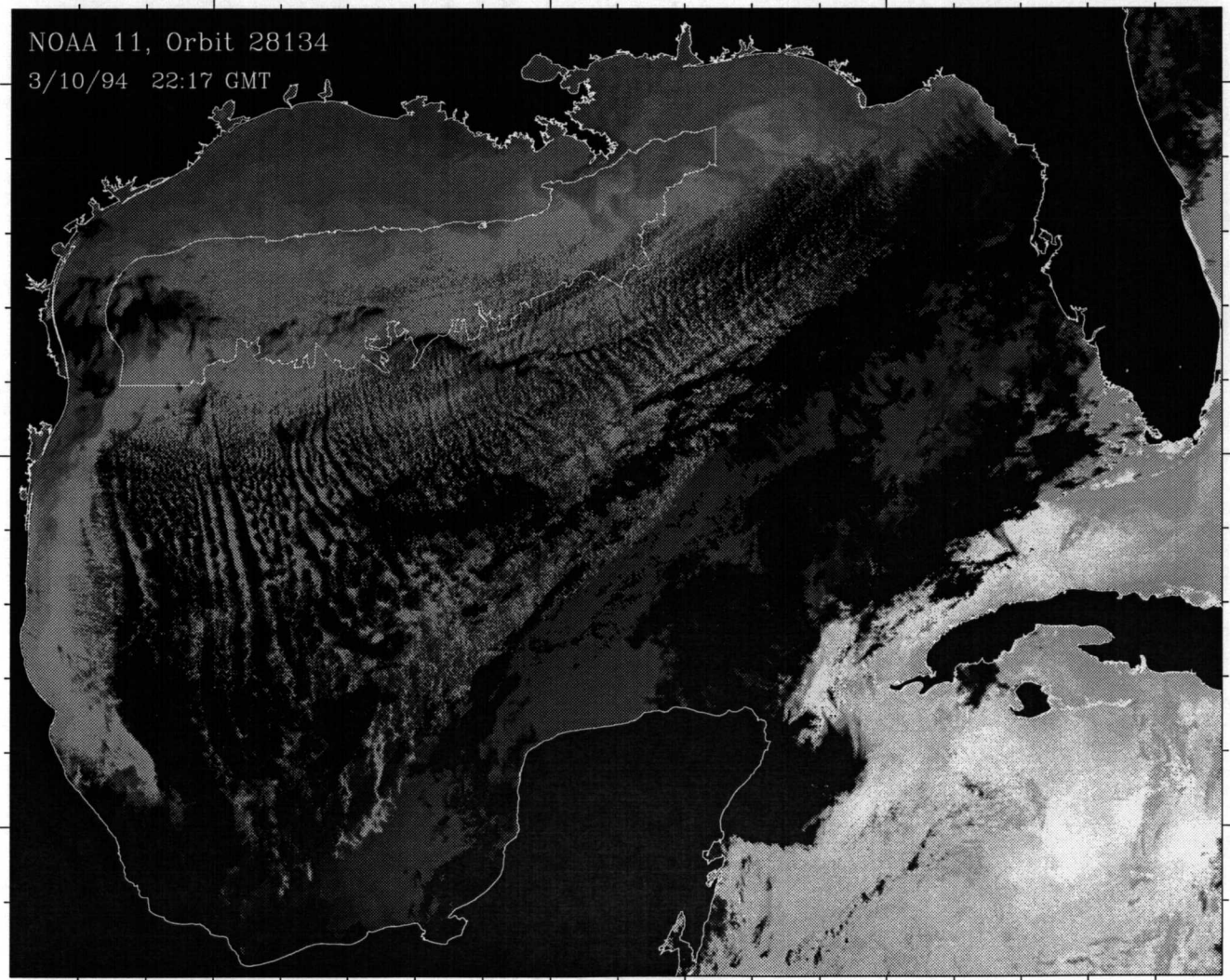
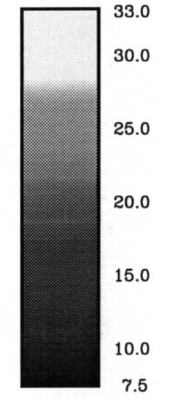
NOAA 11, Orbit 28134
3/10/94 22:17 GMT

30
25
20

473

-95 -90 -85

Temperature (°C)



NOAA 11, Orbit 28141

3/11/94 10:42 GMT

30

25

20

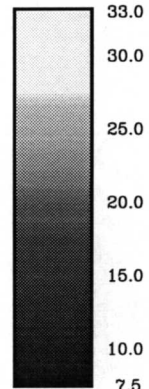
-95

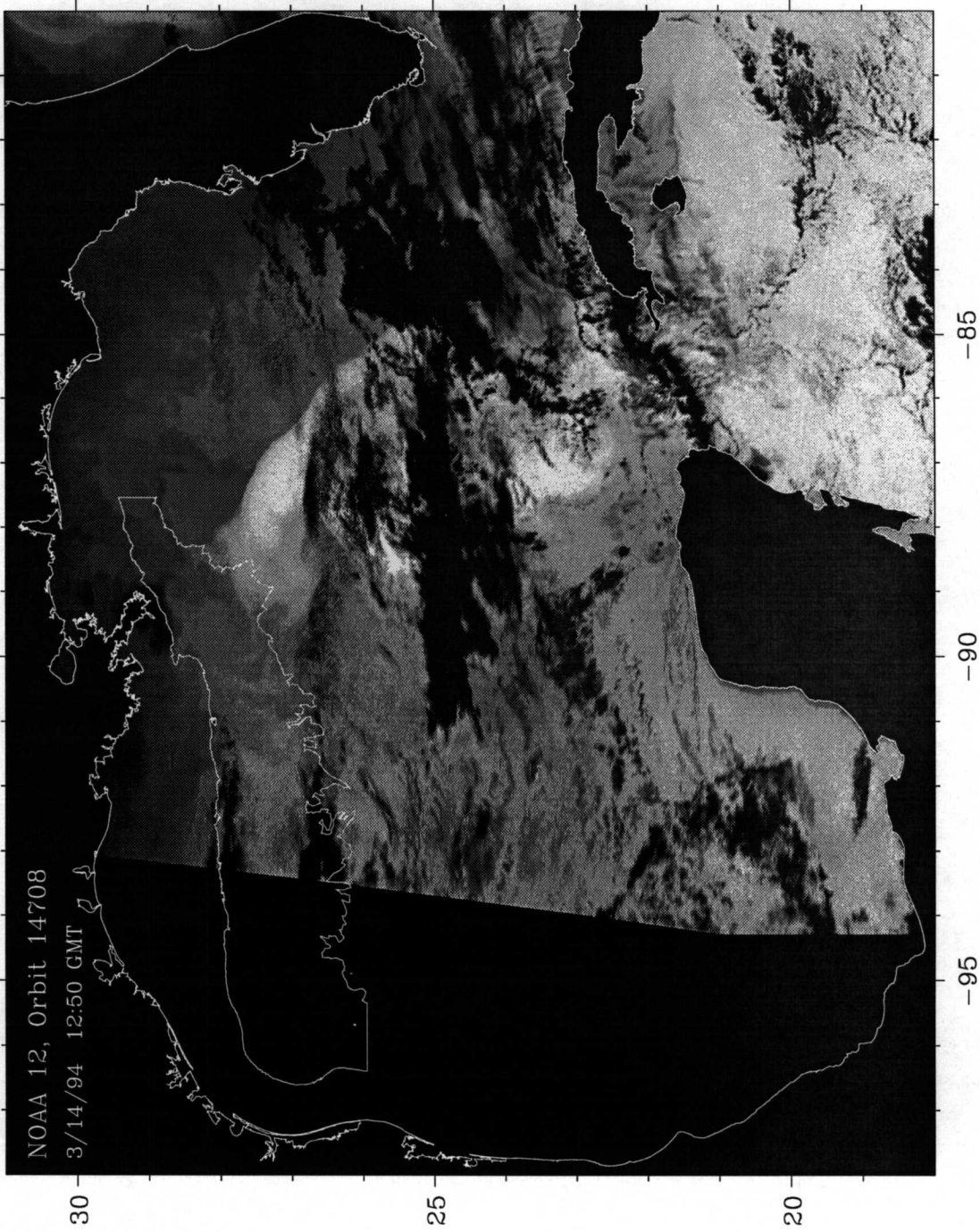
-90

-85

474

Temperature (°C)







The Department of the Interior Mission

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.



The Minerals Management Service Mission

As a bureau of the Department of the Interior, the Minerals Management Service's (MMS) primary responsibilities are to manage the mineral resources located on the Nation's Outer Continental Shelf (OCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, in working to meet its responsibilities, the **Offshore Minerals Management Program** administers the OCS competitive leasing program and oversees the safe and environmentally sound exploration and production of our Nation's offshore natural gas, oil and other mineral resources. The **MMS Royalty Management Program** meets its responsibilities by ensuring the efficient, timely and accurate collection and disbursement of revenue from mineral leasing and production due to Indian tribes and allottees, States and the U.S. Treasury.

The MMS strives to fulfill its responsibilities through the general guiding principles of: (1) being responsive to the public's concerns and interests by maintaining a dialogue with all potentially affected parties and (2) carrying out its programs with an emphasis on working to enhance the quality of life for all Americans by lending MMS assistance and expertise to economic development and environmental protection.