

HYDROLOGIC MONITORING IN THE AREA OF THE TENNESSEE-TOMBIGBEE WATERWAY,
MISSISSIPPI-ALABAMA, FISCAL YEAR 1986

By Fred Morris III

U.S. GEOLOGICAL SURVEY
Open-File Report 88-321

Prepared in cooperation with the

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT



Jackson, Mississippi

May 1988

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FACTORS FOR CONVERTING INCH-POUND UNITS TO INTERNATIONAL SYSTEM OF UNITS (SI)

<u>Multiply</u>	<u>By</u>	<u>To obtain</u>
inch (in.)	25.40	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
square mile (mi ²)	2.590	square kilometer (km ²)
acre-foot (acre-ft)	1,233	cubic meter (m ³)
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second (m ³ /s)
gallon per minute (gal/min)	0.06308	liter per second (L/s)
degree Fahrenheit (°F)	°C = 5/9 (°F-32)	degree Celsius (°C)
micromho per centimeter at 25° Celsius (umho/cm at 25°C)	1.000	microSiemens per centimeter at 25° Celsius (uS/cm at 25°C)

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called "Mean Sea Level of 1929."

HYDROLOGIC MONITORING IN THE AREA OF THE
TENNESSEE-TOMBIGBEE WATERWAY, MISSISSIPPI-ALABAMA,
FISCAL YEAR 1986

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ABSTRACT

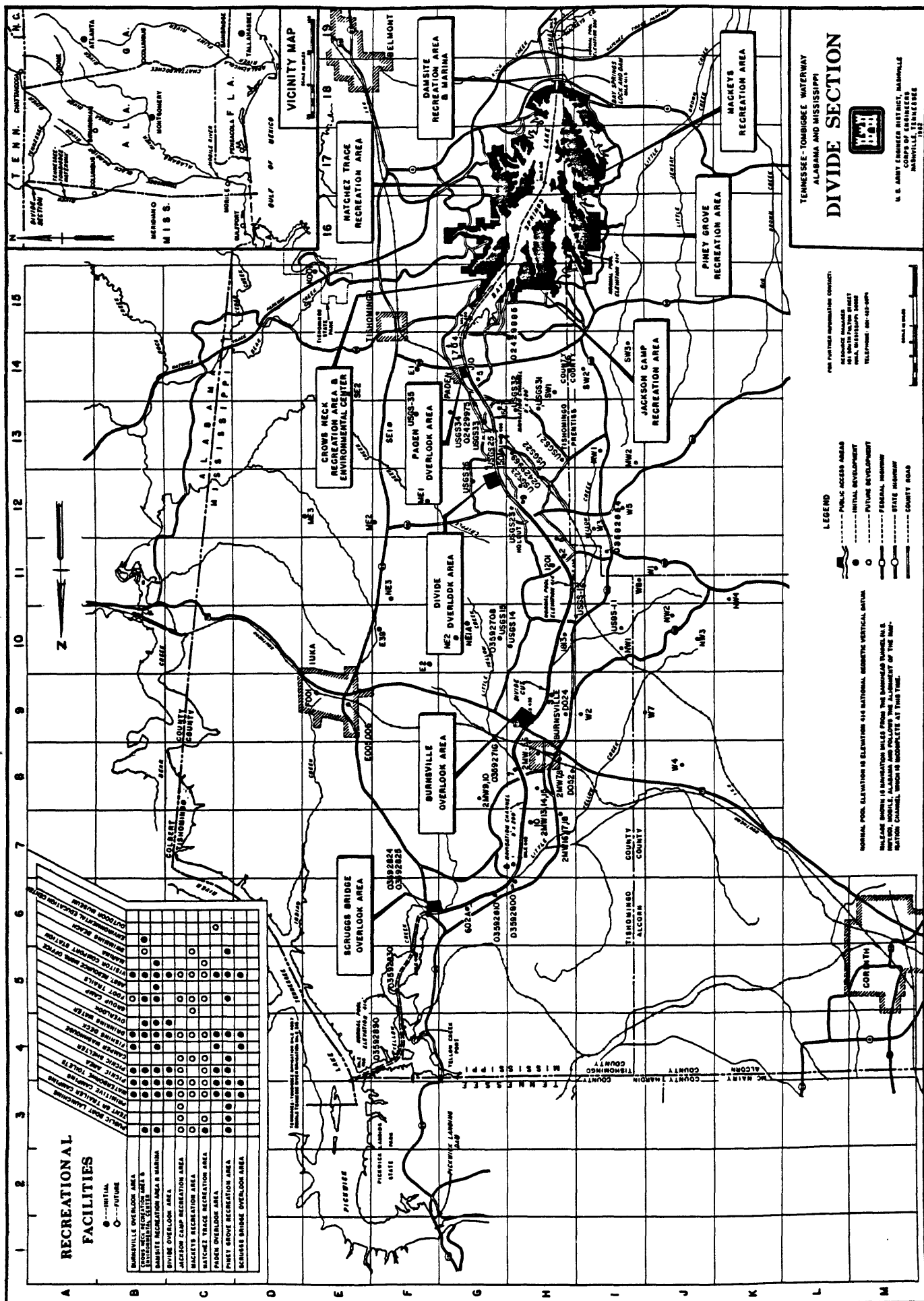
This report, the thirteenth in a series of annual reports, presents hydrologic data collected in the area of the Tennessee-Tombigbee Waterway during the fiscal year ending September 30, 1986. Included in this report are data on ground-water levels and quality; surface-water stage, discharge, and quality; and disposal-area water levels and water quality. These data were obtained at the request of the U.S. Army Corps of Engineers, Mobile District, as part of a comprehensive program to monitor the hydrologic effects of construction and operation of the Waterway.

PROGRAM CHANGES FOR 1986

For Fiscal Year 1986 (FY86), the number of wells in the ground-water network was reduced from 439 to 315; the number of sites in the surface-water network at which water-quality data were collected was increased from 17 to 26. In addition, several minor changes were made in the network.

Beginning in FY86, water-quality samples were analyzed by the U.S. Army Corps of Engineers (COE) South Atlantic Division Laboratories (SADL) in Marietta, Georgia. Also, the Tennessee Valley Authority (TVA) Aquatic Biology Laboratory in Muscle Shoals, Alabama, analyzed benthic macroinvertebrate, periphyton, phytoplankton, and zooplankton. Collection and analysis of biological data was a new element in the program.

Explanations furnished by COE and TVA concerning their respective quality-assurance programs are included in the Quality Assurance section of this report. Also, laboratory data tables furnished by COE and TVA are printed in two appendixes.



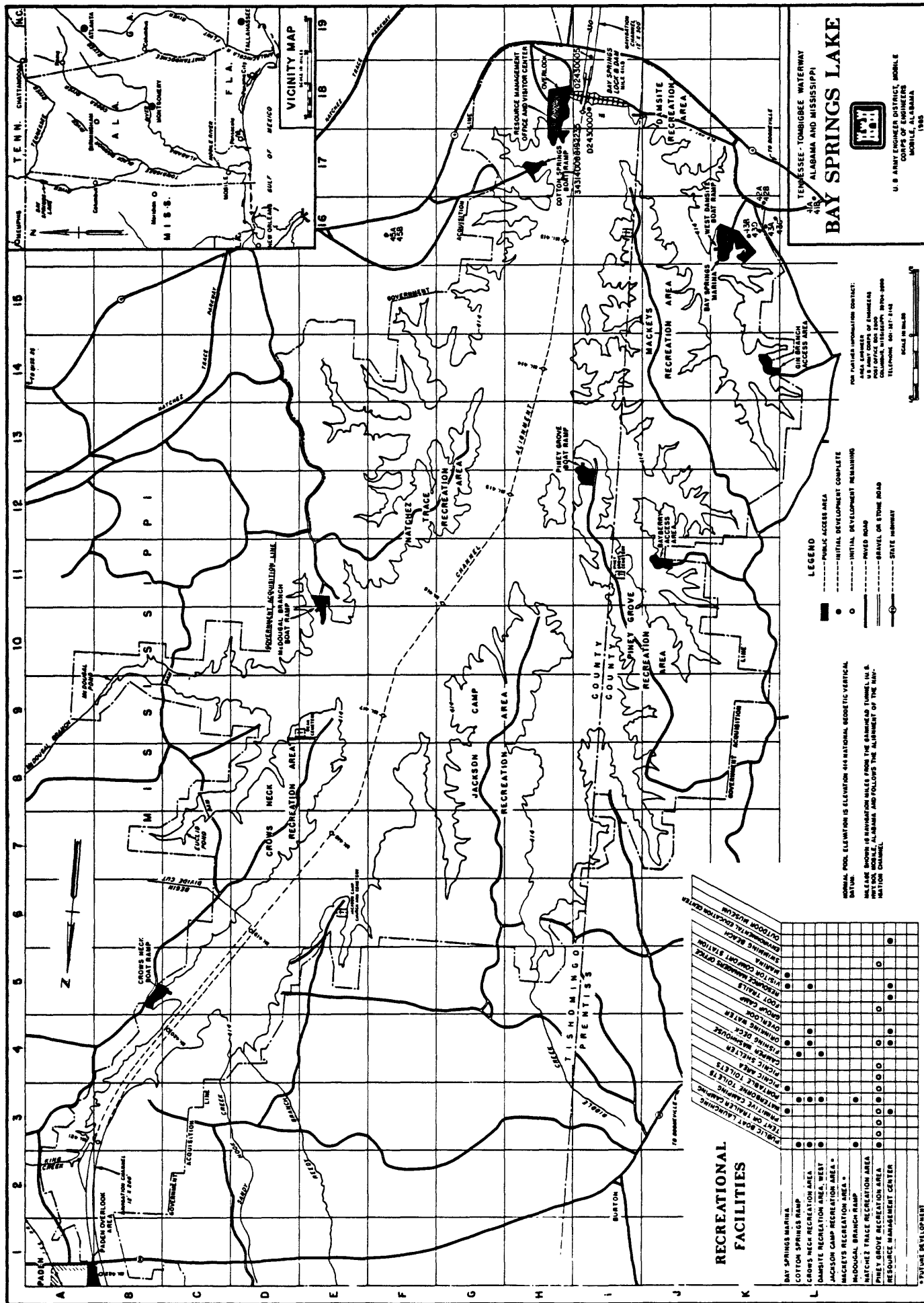
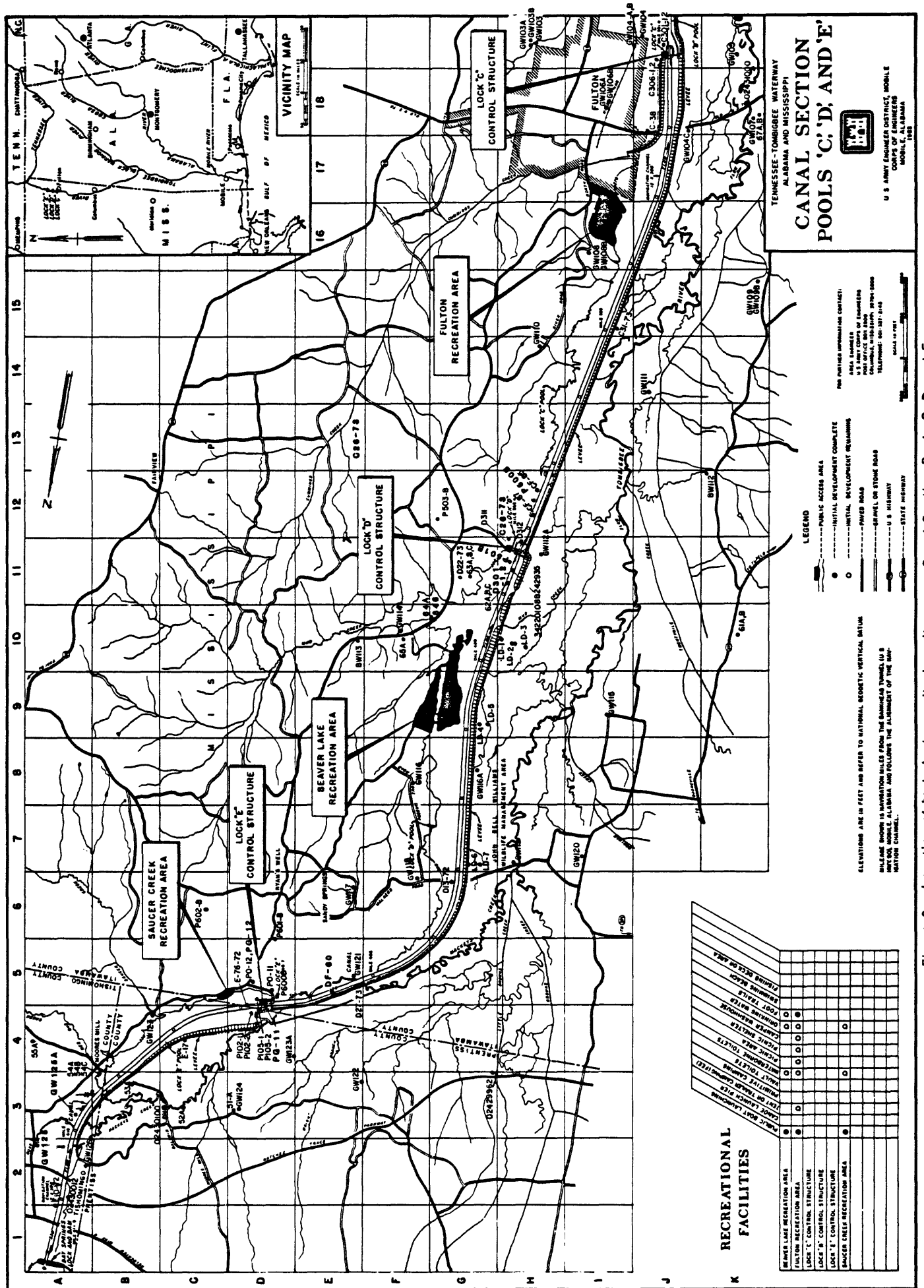


Figure 2.--Location of hydrologic monitoring sites near Bay Springs Lake.



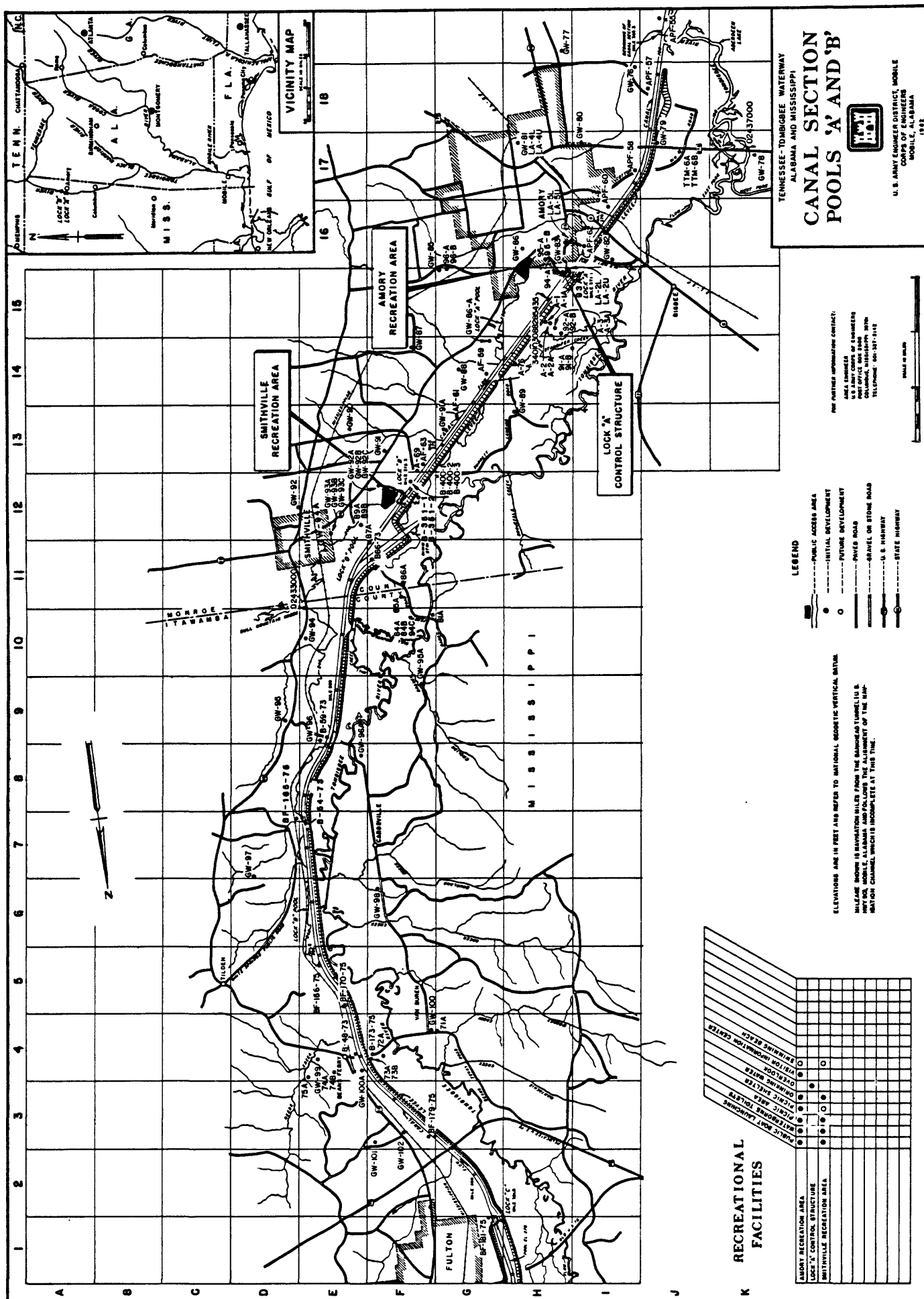
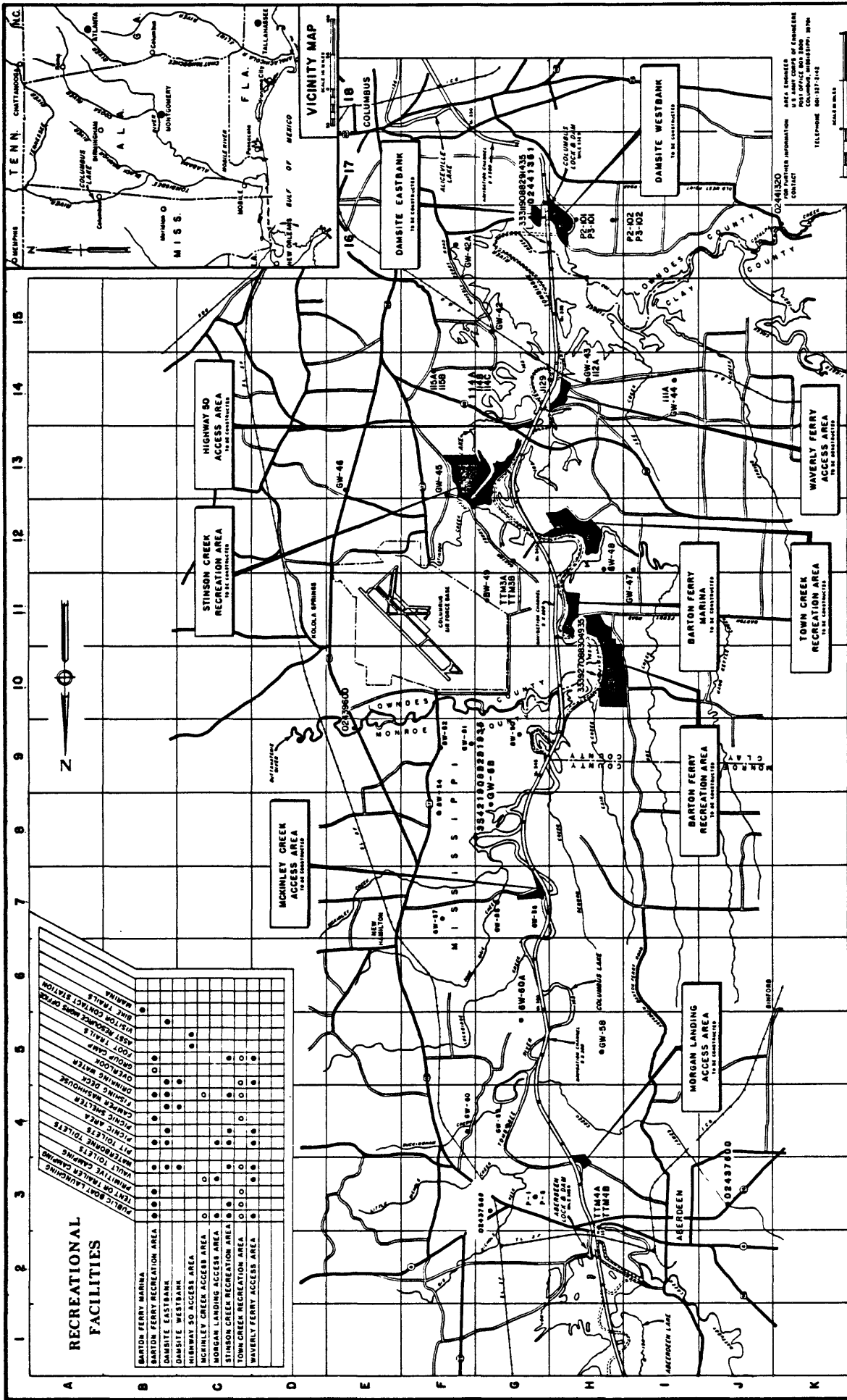


Figure 4.--Location of hydrologic monitoring sites near Canal Section Pools A and B.



VICINITY MAP

TENNESSEE - TOBIASSEE WATERWAY
 ALABAMA AND MISSISSIPPI
COLUMBUS LAKE

 U.S. ARMY ENGINEER DISTRICT, MOBILE
 MOBILE, ALABAMA 36688

- LEGEND**
- PUBLIC ACCESS AREA
 - INITIAL DEVELOPMENT
 - FUTURE DEVELOPMENT
 - FERRY ROAD
 - GRAVEL OR STONE ROAD
 - U.S. HIGHWAY
 - STATE HIGHWAY

NORMAL POOL ELEVATION 18 ELEVATION 100 NATIONAL GEODETIC DATUM
 MALEAGE SHOWN IS NAVIGATION MILES FROM THE FOOT OF MOVEMENT
 STREET, MOBILE, ALABAMA AND FOLLOW THE ALIGNMENT OF THE NAV-
 IATION CHANNEL WHICH IS INCOMPLETE AT THIS TIME

RECREATIONAL FACILITIES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BARTON FERRY MARINA															
BARTON FERRY RECREATION AREA															
DAM SITE EASTBANK															
DAM SITE WESTBANK															
HIGHWAY 50 ACCESS AREA															
McKINLEY CREEK ACCESS AREA															
MORGAN LANDING ACCESS AREA															
STINSON CREEK RECREATION AREA															
TOWN CREEK RECREATION AREA															
WAVERLY FERRY ACCESS AREA															

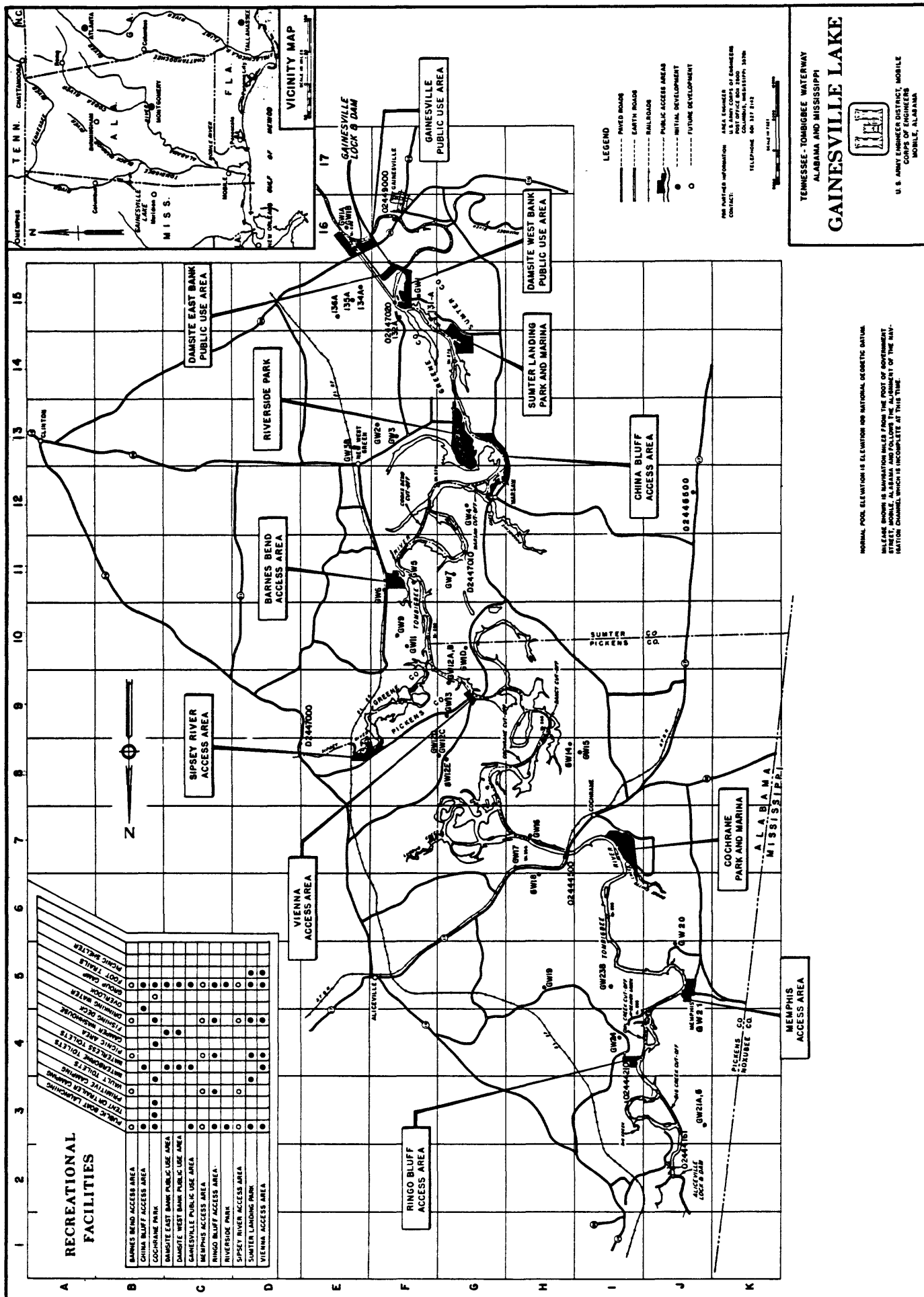


Figure 8.--Location of hydrologic monitoring sites near Gainesville Lake.

HYDROLOGIC MONITORING NETWORK

Surface-water sites and observation wells in the original hydrologic monitoring network, used to define hydrologic conditions in the area of the Tennessee-Tombigbee Waterway prior to construction, are described by Brahana and others (1974) in the COE report, "First Supplemental Environmental Report, Continuing Environmental Studies, Tennessee-Tombigbee Waterway, Alabama and Mississippi." The present hydrologic monitoring network includes:

- Major aquifers that may have been stressed by the Waterway construction and operation;
- Surface-water sites near locks and dams where the effects of construction may have been greatest, or at sites of inflow or outflow;
- Areas of known or suspected hydrologic problems;
- Selected sites on and near Pickwick Lake and Demopolis Lake.

The purpose of the present hydrologic monitoring network is to document changes in the hydrologic environment that may occur during operation of the Waterway. The locations of all the hydrologic monitoring sites in the vicinity of the Waterway at which data have been collected since the beginning of the project are shown in figures 1-8, except for a few sites which are not shown because of the limited coverage of the maps (furnished by the U.S. Army Corps of Engineers, Mobile District).

Ground Water

Network

The present ground-water network consists of 315 wells in the regional aquifers and the shallower alluvial and terrace aquifers. The relation between shallow water-bearing units and regional aquifers is described by Brahana and others (1974). The descriptions of wells in the network are tabulated in Appendix A.

Levels

Under natural conditions, water levels in wells fluctuate seasonally and reflect recharge to and discharge from aquifers. Water-level fluctuations of less than 1 foot to more than 10 feet per year have been observed in the aquifers in the study area. Water-level fluctuations generally were larger in the alluvial and terrace aquifers than in the regional aquifers.

During FY86, all 315 observation wells in the network were scheduled to be measured quarterly by the U.S. Geological Survey. However, one well (P600B) was destroyed during the year and 14 (14A, 14C, 23D, 23I, 23L, 23O, 43A, 45A, 74B, 94A, GW92A, GW94, GW97, and 6DP164) were either dry or could not be measured because of obstructions in the wells. Hydrographs showing water-level variations in the wells for the period of U.S. Geological Survey (USGS) record through September 1986, are presented in Appendix A.

Quality

Water-quality data were collected at 15 wells in the network and at two additional sites selected by the COE. Results of the field determinations made by the USGS are given in Appendix A; the results of the COE laboratory analyses are presented in Appendix COE.

Surface Water

Network

The surface-water network, which is designed to monitor water quality, currently consists of 26 sites in the area of the Tennessee-Tombigbee Waterway. Descriptions of these sites are tabulated in Appendix B.

Stage and Discharge

Surface-water stage and discharge data were collected at numerous sites (including most sites at which water-quality data were collected) in the area of the Tennessee-Tombigbee Waterway. The collection of stage and discharge data at these sites was funded by cooperative programs with various State and Federal agencies. Data collected at these sites are available either in the Jackson, Miss., or Tuscaloosa, Ala., office of the USGS.

Quality

Water-quality data were collected by the USGS at 26 surface-water sites in the network during the 1986 reporting period (Appendix B). Eleven sites were added at the beginning of the 1986 reporting period; two sites were discontinued. Changes were made at the following sites:

New sites:

343140088192235	TTW Bay Springs Lake Navigation Mile 412.3
335008088311335	TTW Aberdeen Lake Sedimentation Range 1A
333927088304935	TTW Columbus Lake Buttahatchee R Bendway 26A
333119088291435	TTW Columbus Lake Sedimentation Range 1A
02441498	Tombigbee R Columbus Bend SR 11B at Columbus, MS
02443610	Tombigbee R at Pratt Camp SR 5HB b1 Columbus, MS
02444158	Tombigbee River ab Aliceville Lock and Dam, AL
02444210	Tombigbee R Big Creek Bend nr Pickensville, AL
02447010	Tombigbee River at Cooks Bendway nr Warsaw, AL
02447020	Tombigbee River ab Gainsville Lock and Dam, AL
02466998	Tombigbee River ab Demopolis Lock and Dam, AL

Discontinued sites:

02431000	Tombigbee River near Fulton, MS
02467001	Tombigbee River below Demopolis Lock and Dam, AL

The water-quality monitor and suspended-sediment sampler at 03592824 Tenn-Tom Waterway at Cross Roads, Miss., were also discontinued.

Data for 02441000 Tibbee Creek near Tibbee, Miss., may not represent water-quality conditions upstream of the sampling site. Normal pool elevation of 163.00 feet above sea level for Columbus Lake creates a stage of about 8.8 feet at the Tibbee Creek site, resulting in variable backwater conditions. Measurements of stream discharge were not obtained during backwater conditions.

Results of the COE laboratory analyses are given in Appendix COE. Results of the TVA laboratory analyses are tabulated in Appendix TVA.

Data for suspended-sediment concentration, particle-size distribution of suspended sediment, and stream bed material were collected at 02436500 Town Creek near Nettleton, Miss., and 02448000 Noxubee River at Macon, Miss. Monthly field determinations were made at two tributary sites; 02446500 Sipsey River near Elrod, Ala., and 02448500 Noxubee River near Geiger, Ala. Specific conductance and water temperature were measured daily, and samples were collected periodically at two sites on the lower Tombigbee River -- 02449000 Tombigbee River at Gainesville, Ala. (monthly), and 02469762 Tombigbee River below Coffeerville Lock and Dam, Ala. (quarterly). The results of these USGS measurements and analyses are presented in Appendix B. Collection of these data was funded by cooperative agreements with various State and Federal agencies.

Disposal Area

The present disposal area network consists of two wells in disposal area 1704 (fig. 1). One well is open in the cast overburden material and the other is open in the natural material below the cast overburden material. The purpose of data collection is to monitor water levels in areas of cast overburden material and the quality of the water passing through the material.

Water samples were collected and water levels were measured semiannually by the USGS during the 1986 reporting period. Descriptions of the two wells and data collected at those sites are tabulated in Appendix C. The results of COE laboratory analyses of these samples are tabulated in Appendix COE.

QUALITY ASSURANCE

Geological Survey

Ground-Water Levels

The collection, analysis, and computation of ground-water level records are conducted in accordance with techniques and procedures established by the USGS and are within the guidelines recommended in the "National Handbook of Recommended Methods for Water-Data Acquisition" (Office of Water Data Coordination, 1977).

Surface-Water Stage and Discharge

The collection, analysis, and computation of surface-water stage and discharge records are conducted in accordance with procedures described in a series entitled "Techniques of Water Resources Investigations of the U.S. Geological Survey" (TWRI). Field activities are presented in three chapters entitled "General Procedures for Gaging Streams" (Carter and Davidian, 1968), "Stage Measurements at Gaging Stations" (Buchanan and Somers, 1968), and "Discharge Measurements at Gaging Stations" (Buchanan and Somers, 1969), and more recently in Water Supply Paper 2175, "Measurement and Computation of Streamflow: Volume 1, Measurement of Stage and Discharge" (Rantz and others, 1982). Daily discharge is computed in conformance with procedures described in Water Supply Paper 2175, "Measurement and Computation of Streamflow: Volume 2, Computation of Discharge" (Rantz and others, 1982). All procedures are within the guidelines recommended in the "National Handbook of Recommended Methods for Water-Data Acquisition" (Office of Water Data Coordination, 1977).

Water Quality

Procedures used by the USGS in the collection and analysis of samples of water and bottom materials are in conformance with the methods of laboratory analysis and sample preservation and handling described in TWRI Chapter A1, Book 5, "Methods for Determination of Inorganic Substances in Water and Fluvial Sediments" (Skougstad and others, 1979).

Procedures used for water-quality field data collection are in accordance with techniques established by the USGS and are within the guidelines recommended in the "National Handbook of Recommended Methods for Water-Data Acquisition" (Office of Water Data Coordination, 1977).

Corps of Engineers

Methods for Chemical Analyses

The procedures used by the COE SADL for the analysis of water and sediment samples are in conformance with the methods described in U.S. Environmental Protection Agency (USEPA) "Test Methods for Evaluating Solid Waste" (USEPA, 1986), TWRI "Methods for Determination of Inorganic Substances in Water and Fluvial Sediments" (Skougstad and others, 1979) and USEPA and COE "Procedures for Handling and Chemical Analysis of Sediment and Water Samples" (U.S. Army Engineer Waterways Experiment Station, 1981). Quality control techniques and quality assurance practices used by SADL are contained in USEPA, Region IV "Engineering Support Branch Standard Operating Procedures and Quality Assurance Manual" (USEPA, 1986) and SADL Quality Assurance/Quality Control Plan (SADL, 1987).

Tennessee Valley Authority

Aquatic Biology

The procedures used in the collection and laboratory analysis of aquatic biological samples, i.e. phytoplankton, zooplankton, periphyton for community numbers and autotrophic indices, and benthic macroinvertebrates, are conducted in conformance with standard TVA procedures. The applicable procedures are described in "Field Operations Biological Resources Procedures Manual" (TVA, 1983) and include the following:

- Procedure NR OPS-FO-BR-21.4, "Sample Collection - Phytoplankton"
- Procedure NR OPS-FO-BR-21.5, "Sample Collection - Periphyton"
- Procedure NR OPS-FO-BR-21.6, "Sample Collection - Zooplankton"
- Procedure NR OPS-FO-BR-21.11, "Qualitative Sample Collection - Benthic Macroinvertebrates"
- Procedure S&F OPS-FO-BR-21.12, "Quantitative Sample Collection - Benthic Macroinvertebrate Sampling with a Ponar Dredge"
- Procedure NR OPS-FO-BR-22.1, "Receipt and Handling of Biological Samples"
- Procedure NR OPS-FO-BR-22.2, "Identification and Enumeration of Phytoplankton"
- Procedure NR OPS-FO-BR-22.3, "Identification and Enumeration of Periphyton"
- Procedure NR OPS-FO-BR-22.4, "Identification and Enumeration of Zooplankton"
- Procedure NR OPS-FO-BR-22.5, "Identification, Enumeration, and Wet Weight Biomass of Benthic Macroinvertebrates"

- Procedure NR OPS-F0-BR-22.6, "Biomass/Chlorophyll Ratio for Periphyton"
- Procedure NR OPS-F0-BR-22.9, "Coding and Verifying Aquatic Biological Laboratory Data Sheets"

In addition to the collection or analytical protocols, these procedures contain the quality control and quality assurance techniques used by the TVA's Aquatic Biology Laboratory.

SELECTED REFERENCES

- Brahana, J.V., German, E.R., Davis, M.E., and Wasson, B.E., 1974, Predicted effects of the Tennessee-Tombigbee Waterway on the hydrologic environment, Mississippi-Alabama in First supplemental environmental report, continuing environmental studies, Tennessee-Tombigbee Waterway, Alabama and Mississippi: U.S. Army Corps of Engineers, Mobile District, v. 2, 3, and 4.
- Buchanan, T.J., and Somers, W.P., 1968, Stage measurements at gaging stations, Chapter A7 of Book 3, Applications of hydraulics: U.S. Geological Survey Techniques of Water-Resources Investigations, 28 p.
- 1969, Discharge measurements at gaging stations, Chapter A8 of Book 3, Applications of hydraulics: U.S. Geological Survey Techniques of Water-Resources Investigations, 65 p.
- Carter, R.W., Davidian, Jacob, 1968, General procedure for gaging streams, Chapter A6 of Book 3, Applications of hydraulics: U.S. Geological Survey Techniques of Water-Resources Investigations, 13 p.
- Friedman, L.C., and Erdmann, D.E., 1982, Quality assurance practices for the chemical and biological analyses of water and fluvial sediments, Chapter A6 of Book 5, Laboratory analysis: U.S. Geological Survey Techniques of Water-Resources Investigations, 181 p.
- Greeson, P.E., Ehlke, T.A., Irwin, G.A., Lium, B.W., and Slack, K.V., editors, 1977, Methods for collection and analysis of aquatic biological and microbiological samples, Chapter A4 of Book 5, Laboratory analyses: U.S. Geological Survey Techniques of Water-Resources Investigations, 332 p.
- Guy, H.P., 1969, Laboratory theory and methods for sediment analysis, Chapter C1 of Book 5, Laboratory analysis: U.S. Geological Survey Techniques of Water-Resources Investigations, 58 p.
- Guy, H.P., and Norman, V.W., 1970, Field methods for measurement of fluvial sediment, Chapter C2 of Book 3, Application of hydraulics: U.S. Geological Survey Techniques of Water-Resources Investigations, 59 p.
- Leake, S.A., 1977, Simulation of flow to a partially penetrating trench: U.S. Geological Survey Journal of Research, v. 5, no. 5, 15 p.
- Morris, Fred, III, 1983, Hydrologic monitoring in the area of the Tennessee-Tombigbee Waterway, Mississippi-Alabama, Fiscal Year 1982: U.S. Geological Survey Open-File Report 83-764, 189 p.

- Morris, Fred, III, 1984, Hydrologic monitoring in the area of the Tennessee-Tombigbee Waterway, Mississippi-Alabama, Fiscal Year 1983: U.S. Geological Survey Open-File Report 84-717, 174 p.
- 1985, Hydrologic monitoring in the area of the Tennessee-Tombigbee Waterway, Mississippi-Alabama, Fiscal Year 1984: U.S. Geological Survey Open-File Report 85-692, 152 p.
- 1986, Hydrologic monitoring in the area of the Tennessee-Tombigbee Waterway, Mississippi-Alabama, Fiscal Year 1985: U.S. Geological Survey Open-File Report 86-493, 311 p.
- Office of Water Data Coordination, U.S. Geological Survey, 1977: National handbook of recommended methods for water-data acquisition.
- Rantz, S.E., and others, 1982, Measurement and computation of streamflow: U.S. Geological Survey Water-Supply Paper 2175, v. 1 and 2, 631 p.
- Seaber, P.R., Kapinos, F.P., and Knapp, G.L., 1987, Hydrologic unit maps: U.S. Geological Survey Water-Supply Paper 2294, 63 p.
- Skougstad, M.W., Fishman, M.J., Friedman, L.C., Erdmann, D.E., Duncan, S.S., editors, 1979, Methods for determination of inorganic substances in water and fluvial sediments, Chapter A1 of Book 5, Laboratory analysis: U.S. Geological Survey Techniques of Water-Resources Investigations, 626 p.
- Shell, J.D., 1976, Hydrologic monitoring in the area of the Tennessee-Tombigbee Waterway, Mississippi-Alabama, July 1974 through June 1975: U.S. Geological Survey Open-File Report, 252 p.
- 1977, Hydrologic monitoring in the area of the Tennessee-Tombigbee Waterway, Mississippi-Alabama, July 1975 through September 1976: U.S. Geological Survey Open-File Report, 227 p.
- 1978, Hydrologic monitoring in the area of the Tennessee-Tombigbee Waterway, Mississippi-Alabama, Fiscal Year 1977: U.S. Geological Survey Open-File Report, 155 p.
- 1979, Hydrologic monitoring in the area of the Tennessee-Tombigbee Waterway, Mississippi-Alabama, Fiscal Year 1978: U.S. Geological Survey Open-File Report, 198 p.
- 1980, Hydrologic monitoring in the area of the Tennessee-Tombigbee Waterway, Mississippi-Alabama, Fiscal Year 1979: U.S. Geological Survey Open-File Report, 153 p.
- Tennessee Valley Authority, 1983, Field Operations Biological Resources Procedures Manual: Division of Natural Resource Operations.

- Tomaszewski, D.J., 1981, Hydrologic monitoring in the area of the Tennessee-Tombigbee Waterway, Mississippi-Alabama, Fiscal Year 1980: U.S. Geological Survey Open-File Report 81-546, 142 p.
- 1982, Hydrologic monitoring in the area of the Tennessee-Tombigbee Waterway, Mississippi-Alabama, Fiscal Year 1981: U.S. Geological Survey Open-File Report 82-503, 140 p.
- U.S. Army Corps of Engineers, South Atlantic Division Laboratory, 1987, Quality Assurance/Quality Control Plan: Marietta, Georgia.
- U.S. Army Engineer Waterways Experiment Station, 1981, Procedures for handling and chemical analysis of sediment and water samples: Technical Report EPA/CE-81-1, Vicksburg, Mississippi.
- U.S. Environmental Protection Agency, 1986a, Engineering Support Branch Standard Operating Procedures and Quality Assurance Manual: Athens, Georgia.
- 1986b, Test Methods for Evaluating Solid Waste: Washington, D.C.

APPENDIXES

EXPLANATION OF CODES AND ABBREVIATIONS CONTAINED IN DATA TABLES
IN THE APPENDIXES

PRINCIPAL AQUIFER

<u>Geologic unit code</u>	<u>Aquifer name and age</u>
110ALVM	Quaternary alluvium, Quaternary
110TRCS	Undifferentiated terrace deposits, Quaternary
111ALVM	Holocene alluvium, Holocene
211TBGB	Tombigbee Sand Member of Eutaw Formation, Upper Cretaceous
211EUTW	Eutaw Formation, Upper Cretaceous
211EUTWR	Eutaw Formation (Restricted), Upper Cretaceous
211EUTWL	Lower Eutaw Formation, Upper Cretaceous
211MCSN	McShan Formation, Upper Cretaceous
211GORD	Gordo Formation, Upper Cretaceous
300PLZC	Paleozoic Erathem, Paleozoic
330MSSP	Mississippian System, Mississippian
337FRPN	Fort Payne Chert, Lower Mississippian

HYDROLOGIC UNIT

An eight-digit hydrologic unit code refers to a specific drainage basin as delineated by the Office of Water Data Coordination on the State Hydrologic Unit Maps (Seaber and others, 1987).

WATER-QUALITY REMARKS

<u>Remark Code</u>	<u>Remark</u>
E	Estimated value
>	Actual value is known to be greater than the value shown
< or L	Actual value is known to be less than the value shown
K	Results based on colony count outside the acceptance range (non-ideal colony count)

WATER-QUALITY SAMPLE SOURCE AND CONDITION

Numerical codes have been assigned to describe the source of the sample and the conditions under which it was collected. A numerical code will not be given in a water-quality table except to describe unusual conditions. The codes that may be given in this report are as follows:

<u>Sample source</u>	<u>Sampling condition</u>
26 Pump	0.10 Was being pumped
	8 Pumping

PARAMETERS FOR CHLOROPHYLL/BIOMASS DATA

PAM2	Pheophytin a per square meter
PI	Pheophytin Index
CBM2	Chlorophyll b per square meter
CCM2	Chlorophyll c per square meter
AFOW	Ash free organic weight
AI	Autotrophic Index
CCAM2	Corrected chlrophyll a per square meter
CAI	Corrected autotrophic index
.	Indicates that the analysis for that parameter was invalid.*

* Any other variables calculated using the invalid parameter are to be considered invalid also.

APPENDIX A
GROUND-WATER DATA

page 25 follows

APPENDIX A
GROUND-WATER DATA

DESCRIPTIONS OF WELLS

DESCRIPTIONS OF GROUND-WATER WELLS

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	LAND NET LOCATION	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM- ETER (INCHES)	DISCHARGE (GALLONS PER MINUTE)
GROUND-WATER NETWORK								
ALCORN COUNTY								
L034	USCE NW1-1	211GORD	NENES32T03SR09E	04/28/1978	500	280	1.50	---
L036	USCE NW1-3	211EUTW	NESES32T03SR09E	05/12/1978	500	207	1.50	---
L038	USCE NW2-2	211GORD	NWNES06T04SR09E	04/06/1978	600	400	1.50	---
L040	USCE NW2-3	211EUTW	NWNES06T04SR09E	04/13/1978	580	327	1.50	---
L042	USCE NW3-2	211GORD	NWNS01T04SR08E	04/28/1980	590	398	1.50	---
L043	USCE NW3-3	211EUTW	NENWS01T04SR08E	06/09/1980	590	320	1.50	---
L047	USCE W4-2	211EUTW	SESES06T03SR09E	04/02/1981	600	259	3	---
L048	USCE W4-3	211EUTW	SESES06T03SR09E	04/01/1981	600	315	3	---
L049	USCE W7-1	211GORD	SWWS17T03SR09E	03/26/1982	600	430	1.50	---
L050	USCE W7-2A	211EUTW	SWWS17T03SR09E	00/00/1981	600	380	1.50	---
L051	USCE W8-1	211GORD	SESES05T04SR09E	03/21/1982	537	340	1.50	---
L052	USCE W8-2	211GORD	SESES05T04SR09E	03/28/1983	537	263	3	---

CLAY COUNTY

J097	USCE 111A	211EUTW	SEWS26T17SR07E	08/16/1972	180	110	4	---
J098	USCE 112A	211EUTW	SWNES30T17SR08E	08/17/1972	190	58	4	---
J132	USCE GW43	110ALVM	NEWS30T17SR08E	03/20/1975	216.20	12	1.50	---
J133	USCE GW44	110ALVM	SWSES26T17SR07E	03/20/1975	180.60	14	1.50	---
J134	USCE GW47	110ALVM	NWWS01T17SR07E	03/27/1975	179.70	15	1.50	---
J135	USCE GW48	110ALVM	NWSES01T17SR07E	03/26/1975	180.60	24	1.50	---

ITAWAMBA COUNTY

A023	USCE GW118	211MCSN	SENES36T07SR08E	07/08/1975	325.70	23	1.50	---
A024	USCE GW119	110ALVM	NESES35T07SR08E	07/10/1975	295	38	1.50	---
A025	USCE GW120	110ALVM	SESES34T07SR08E	07/14/1975	297.20	21	1.50	---
B005	USCE GW117	110ALVM	SWWS29T07SR09E	07/16/1975	359.20	21	1.50	---
B007	USCE P 600B	211GORD	SESES20T07SR09E	05/08/1978	319.60	60	1.50	---

DESCRIPTIONS OF GROUND-WATER WELLS--Continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	LAND NET LOCATION	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM- ETER (INCHES)	DISCHARGE (GALLONS PER MINUTE)
ITAWAMBA COUNTY--Continued								
B008	USCE P601B	211GORD	SWSW521T07SR09E	05/16/1978	440	187	1.50	--
B009	USCE P602B	211GORD	NWNE528T07SR09E	06/23/1978	450	200	1.50	--
D039	USCE CF87	211EUTW	NWSE525T08SR08E	10/01/1975	271.10	66	1.50	--
D040	USCE GW110	110AL VM	NENES12T09SR08E	07/02/1975	282.70	23	1.50	--
D041	USCE GW112A	110AL VM	NENWS25T08SR08E	06/19/1975	275	28	1.50	--
D042	USCE GW115	110AL VM	SESE510T08SR08E	07/15/1975	299.20	29	1.50	--
D043	USCE GW116	211EUTW	SESW506T08SR09E	07/08/1975	333.50	30	1.50	--
D044	USCE GW116A	110AL VM	SWSE501T08SR08E	06/17/1980	285	25	1.50	--
D045	USCE P500B	211GORD	SWSE525T08SR08E	08/28/1978	290	124	1.50	--
D046	USCE P501B	211GORD	SESE524T08SR08E	05/01/1978	308.50	152	1.50	--
E005	USCE 65A	211GORD	NESE518T08SR09E	05/18/1972	325	130	4	7.0
E009	USCE GW113	110AL VM	SWNE517T08SR09E	07/07/1975	329.50	26	1.50	--
E010	USCE GW114	110AL VM	NESE518T08SR09E	07/03/1975	311.70	12	1.50	--
E011	USCE P503B	211GORD	NWNE530T08SR09E	05/15/1978	420	221	1.50	--
G065	USCE 67A	211GORD	SWSE527T09SR08E	08/12/1975	270	179	4	--
G066	USCE 67B	211EUTW	SWSE527T09SR08E	08/13/1975	270	71	4	--
G067	USCE GW106B	211GORD	SWSE525T09SR08E	04/19/1978	284	175	6	--
G068	USCE GW106A	110AL VM	SWSE525T09SR08E	04/19/1978	290	10	2	--
G070	USCE GW104C	110AL VM	NWWS526T09SR08E	01/01/1980	260	24	2	--
G072	USCE C38	110AL VM	SWNW525T09SR08E	04/12/1973	263.20	33	1.50	--
G074	USCE GW104A	211GORD	NEWS536T09SR08E	04/20/1978	290	88	1.50	--
G075	USCE GW104B	211GORD	NEWS536T09SR08E	04/20/1978	290	138	1.50	--
G076	USCE GW105	110AL VM	NESE534T09SR08E	07/11/1975	254.60	29	1.50	--
G077	USCE GW107	110AL VM	SWSE527T09SR08E	07/02/1975	273.30	31	1.50	--
G078	USCE GW108	211EUTW	NEWS513T09SR08E	07/02/1975	284.50	14	1.50	--
G079	USCE GW108B	211GORD	NEWS513T09SR08E	04/27/1978	284.50	150	1.50	--
G080	USCE GW109	110AL VM	NWWS515T09SR08E	07/03/1975	278.20	24	1.50	--
G081	USCE GW109B	211GORD	NWWS515T09SR08E	05/05/1978	278.20	198	1.50	--
G082	USCE GW111	110AL VM	SEWS502T09SR08E	07/23/1975	270.90	35	1.50	--
G083	USCE GW112	110AL VM	NWWS503T09SR08E	09/01/1975	292.90	24	1.50	--
G084	USCE GW104	110AL VM	SWNW536T09SR08E	07/01/1975	240	26	2	--
K039	USCE 71A	211GORD	NENWS24T10SR08E	06/20/1972	273	170	4	7.0
K041	USCE GW100	110AL VM	NENES24T10SR08E	06/24/1975	269.20	21	1.50	--
K042	USCE BF 179-75	211GORD	NENES12T10SR08E	01/14/1976	250	46	2	--
L014	USCE 74A	211GORD	SWWS517T10SR09E	06/22/1972	270	150	4	200

DESCRIPTIONS OF GROUND-WATER WELLS--Continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	LAND NET LOCATION	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM- ETER (INCHES)	DISCHARGE (GALLONS PER MINUTE)
ITAWAMBA COUNTY--Continued								
L016	USCE 75A	211GORD	SWSES17110SR09E	06/22/1972	300	144	4	195
L017	USCE 72A	110ALVM	NWSES18110SR09E	06/11/1972	249	21	4	7.0
L019	USCE 74B	110TRCS	SWWS17110SR09E	01/01/1948	270	16	24	--
L021	USCE BF170-75	211EUTW	NESES19110SR09E	08/20/1975	247.50	67	1.50	--
L022	USCE BF173-75	211GORD	NESES18110SR09E	07/15/1975	252.20	51	1.50	--
L023	USCE GW99	110ALVM	SWSES17110SR09E	06/26/1975	282.80	30	1.50	--
L024	USCE GW100A	110ALVM	NWWS18110SR09E	07/08/1980	255	32	1.50	--
L025	USCE GW101	110ALVM	SEWS06110SR09E	06/26/1975	304.80	21	1.50	--
L026	USCE GW102	110ALVM	SESES01110SR08E	06/22/1975	277.10	21	1.50	--
N028	USCE 81A	211GORD	NEWS26111SR08E	07/13/1972	246	180	4	8.0
N029	USCE GW95A	110ALVM	SESES23111SR08E	06/16/1975	242.40	35	1.50	--
O010	USCE GW94	110ALVM	SESES20111SR09E	06/18/1975	278	23	1.50	--
O011	USCE GW95	110ALVM	SWWS17111SR09E	06/19/1975	325.40	29	1.50	--
O012	USCE GW96	110ALVM	NWSES18111SR09E	06/20/1975	262.90	23	1.50	--
O013	USCE GW96A	110ALVM	SWWS20111SR09E	06/22/1975	238.60	24	1.50	--
O014	USCE GW97	110ALVM	SEWS14110SR09E	06/25/1975	393.90	60	1.50	--
O015	USCE GW98	110ALVM	SWWS31110SR09E	06/23/1975	267.20	23	1.50	--
O016	USCE BF165-75	211GORD	SWWS05111SR09E	01/14/1976	250	50	2	--
O017	USCE B54-73	110ALVM	SWWS05111SR09E	05/01/1973	240	27	2	--
LOWMEDES COUNTY								
A033	USCE TTM3A	211EUTW	NWWS36116SR19W	04/17/1975	182	78	4	--
A034	USCE TTM3B	110ALVM	NWWS36116SR19W	04/17/1975	182	31	6	--
A038	USCE GW49	110ALVM	SWSES30116SR18W	05/15/1975	181.80	35	1.50	--
C099	USCE 115A	211EUTW	SESES19117SR18W	08/25/1972	172	84	4	--
C100	USCE 114B	110TRCS	SESES24117SR19W	08/23/1972	170	47	4	--
C101	USCE 114C	211EUTW	SESES24117SR19W	08/25/1972	170	92	4	--
C102	USCE 115B	110TRCS	SESES19117SR18W	08/25/1972	172	24	4	--
C130	USCE GW42	110ALVM	SESES25118SR19W	03/21/1975	168.90	32	1.50	--
C131	USCE GW45	110ALVM	SWNES07117SR19W	03/20/1975	198.30	22	1.50	--
F073	USCE TTM2A	211EUTW	NWWS25119NR17E	04/01/1975	160	162	4	--

DESCRIPTIONS OF GROUND-WATER WELLS--Continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	LAND NET LOCATION	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM- ETER (INCHES)	DISCHARGE (GALLONS PER MINUTE)
LOWMEDES COUNTY--Continued								
F074	USCE TTM28	110ALVM	NESWS25T19NR17E	04/02/1975	160	19	6	--
F081	USCE P2-101	211EUTW	NESES15T18SR17E	11/15/1976	208	140	1.50	--
F082	USCE P2-102	211EUTW	NWSWS15T18SR17E	11/12/1976	204	143	1.50	--
F083	USCE P3-101	211EUTW	NESES15T18SR17E	11/15/1976	208	200	1.50	--
F084	USCE P3-102	211EUTW	NWSWS15T18SR17E	11/12/1976	210	236	1.50	--
MONTGOMERY COUNTY								
B068	USCE APF 58	211EUTW	NENWS34T12SR19W	01/15/1976	210	60	2	--
C051	USCE 84A	211GORD	NMWS36T11SR08E	06/29/1972	234	170	4	30
C052	USCE 84B	211GORD	NMWS36T11SR08E	07/10/1972	234	110	4	10
C053	USCE 84C	110ALVM	NMWS36T11SR08E	07/10/1972	234	27	4	10
C054	USCE 85A	110ALVM	NMWS36T11SR08E	07/11/1972	235	21	4	18
C057	USCE 89A	211GORD	SWNES01T12SR08E	06/30/1972	245	166	4	20
C058	USCE 89B	211MCSN	SWNES01T12SR08E	07/06/1972	245	45	4	2.0
C059	USCE 95A	211GORD	SWWS21T12SR08E	08/30/1972	220	166	4	4.0
C060	USCE 96A	211GORD	NWSES20T12SR18W	07/25/1972	253	164	4	--
C061	USCE 91A	211MCSN	SWWS17T12SR08E	07/00/1972	218	88	4	--
C062	USCE 92A	211GORD	NWWS20T12SR08E	07/00/1972	216	200	4	--
C066	USCE 94A	110ALVM	SESES20T12SR08E	07/00/1972	217	20	4	--
C067	USCE 95B	110ALVM	SWWS21T12SR08E	08/30/1972	220	20	4	7.0
C068	USCE 92B	110ALVM	NWWS20T12SR08E	08/30/1972	216	19	4	7.0
C069	USCE 91B	110ALVM	SWWS17T12SR08E	08/00/1972	218	20	4	4.0
C070	USCE 96B	110TRCS	SWSES20T12SR18W	08/00/1972	257	16	24	--
C080	USCE TTM6A	211TBGB	NENES33T13SR19W	05/14/1975	210	65	4	--
C081	USCE TTM6B	110ALVM	NENES33T13SR19W	05/16/1975	210	38	6	--
C085	USCE A1A	110ALVM	SWWS20T12SR08E	06/17/1982	215	5	1.50	--
C086	USCE A1	110ALVM	SWWS20T12SR08E	06/17/1982	215	24	1.50	--
C087	USCE A2	110ALVM	NMWS29T12SR08E	06/18/1982	215	29	1.50	--
C088	USCE A2A	110ALVM	NMWS29T12SR08E	06/18/1982	215	5	1.50	--
C089	USCE A3	110ALVM	NMWS29T12SR08E	06/21/1982	215	25	1.50	--
C090	USCE A3A	110ALVM	NMWS29T12SR08E	07/01/1982	215	5	1.00	--
C092	USCE GW80	110ALVM	SWNES35T12SR19W	05/28/1975	236.40	33	1.50	--

DESCRIPTIONS OF GROUND-WATER WELLS---Continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	LAND NET LOCATION	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM- ETER (INCHES)	DISCHARGE (GALLONS PER MINUTE)
MONROE COUNTY---Continued								
C093	USCE GW81	110AL VM	NESES36T12SR19W	05/29/1975	235.70	25	1.50	--
C094	USCE GW83	110AL VM	SESES30T12SR08E	06/02/1975	213.20	33	1.50	--
C095	USCE GW85	110AL VM	SESES20T12SR18W	06/10/1975	257.60	26	1.50	--
C096	USCE GW86	110AL VM	NNNES19T12SR18W	06/09/1975	247.10	24	1.50	--
C097	USCE GW86A	110AL VM	NESES21T12SR08E	06/23/1980	210	31	1.50	--
C098	USCE GW87	110AL VM	SENNWS16T12SR18W	06/18/1975	258	30	1.50	--
C099	USCE GW88	110AL VM	SENNWS15T12SR08E	06/05/1975	244.20	24	1.50	--
C100	USCE GW89	110AL VM	SENNWS09T12SR08E	06/04/1975	225.20	30	1.50	--
C101	USCE GW90	110AL VM	NENNWS13T12SR08E	06/13/1975	270	26	1.50	--
C102	USCE GW91	110AL VM	SENNWS11T12SR08E	06/12/1975	261.30	23	1.50	--
C104	USCE GW92A	211GORD	NNWS01T12SR08E	04/14/1975	257.30	215	1.50	--
C105	USCE GW92B	211EUTW	NNWS01T12SR08E	04/14/1975	257.30	122	1.50	--
C106	USCE GW92C	211EUTW	NNWS01T12SR08E	04/14/1975	257.40	100	1.50	--
C107	USCE LA2L	211GORD	SNWS24T12SR19W	05/01/1975	220	147	1.50	--
C108	USCE LA2U	211EUTW	SNWS24T12SR19W	05/02/1975	220	67	1.50	--
C109	USCE LA4L	211GORD	NESES36T12SR19W	05/03/1975	235	190	1.50	--
C110	USCE LA4U	211EUTW	NESES36T12SR19W	05/04/1975	235	122	1.50	--
C111	USCE LA5L	211GORD	SESES30T12SR08E	05/05/1975	210	205	1.50	--
C112	USCE LA5U	211EUTW	SESES30T12SR08E	05/06/1975	210	57	1.50	--
C113	USCE AF 63	211EUTW	SESES03T12SR08E	01/20/1976	230	54	2	--
D032	USCE GW92	110AL VM	NESES06T12SR09E	06/11/1975	266.70	20	1.50	--
D033	USCE GW93A	211GORD	SNWS06T12SR09E	05/15/1975	259.20	178	1.50	--
D034	USCE GW93B	211EUTW	SNWS06T12SR09E	05/15/1975	259.40	102	1.50	--
D035	USCE GW93C	110AL VM	SNWS06T12SR09E	05/15/1975	259.40	20	1.50	--
D036	USCE GW94A	110AL VM	NNWS06T12SR09E	06/26/1975	255	27	1.50	--
G052	USCE APF 55	211EUTW	NESES03T13SR19W	08/05/1975	205.70	69	1.50	--
G053	USCE APF 57	211EUTW	SESES34T12SR19W	07/22/1975	207.30	50	1.50	--
G054	USCE GW73	110AL VM	SESES27T13SR07E	05/23/1975	198	32	1.50	--
G055	USCE GW74	110AL VM	SNWS36T13SR19W	05/26/1975	214.30	32	1.50	--
G056	USCE GW76	110AL VM	NNNES10T13SR19W	06/02/1975	203.40	45	1.50	--
G057	USCE GW76A	110AL VM	NNSES15T13SR07E	06/18/1975	202.40	25	1.50	--
G058	USCE GW77	110AL VM	NESES11T13SR19W	05/31/1975	234.20	46	1.50	--
G059	USCE GW78	110AL VM	NENNWS03T13SR07E	05/20/1975	205.30	36	1.50	--
G060	USCE GW75	110AL VM	NNSES23T13SR19W	05/21/1975	200	30	2	--
H017	USCE TTM5A	211EUTW	SESES22T13SR19W	05/08/1975	200	90	4	--

DESCRIPTIONS OF GROUND-WATER WELLS--Continued

MONROE COUNTY--Continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	LAND NET LOCATION	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM- ETER (INCHES)	DISCHARGE (GALLONS PER MINUTE)
H018	USCE TTM58	110ALVM	SESW522113SR19W	05/08/1975	200	26	6	--
L062	USCE 105A	211EUTW	SNWS19T14SR19W	08/11/1972	210	64	4	--
L063	USCE 101A	211EUTW	SNWS15T14SR07E	08/09/1972	202	90	4	--
L064	USCE 102A	211EUTW	NMWS23T14SR07E	08/04/1972	191	50	4	--
L065	USCE 104A	211EUTW	SESES10T14SR19W	08/14/1972	194	55	4	--
L067	USCE 104B	110ALVM	SESES10T14SR19E	08/15/1972	194	24	4	--
L068	USCE 102B	110ALVM	NMWS23T14SR07E	08/07/1972	191	30	4	--
L069	USCE 101B	110TRCS	SNWS15T14SR07E	08/09/1972	202	20	4	--
L073	USCE TTM4A	211EUTW	SENN536T14SR07E	04/10/1975	200	177	4	--
L074	USCE TTM4B	110ALVM	SENN536T14SR07E	04/00/1975	200	26	6	--
L075	USCE AB11	211MCSN	SNWS26T14SR07E	12/11/1976	200	224	4	--
L077	USCE AB10	211EUTW	SNWS26T14SR07E	12/15/1976	200	145	4	--
L078	USCE AB12	211EUTW	SNWS26T14SR07E	12/17/1976	200	90	4	--
L084	USCE AB1	211EUTW	NWSWS26T14SR07E	10/28/1976	195	80	1.50	--
L085	USCE AB2	211EUTW	NWSWS26T14SR07E	10/28/1976	195	146	1.50	--
L086	USCE AB2A	211EUTW	NWSWS26T14SR07E	11/06/1976	195	119	1.50	--
L087	USCE AB5	211EUTW	NESES10T14SR19W	10/14/1976	192	150	1.50	--
L088	USCE AB6	211EUTW	NWSWS26T14SR07E	11/07/1976	190	70	1.50	--
L089	USCE AB7	211EUTW	NWSWS26T14SR07E	11/07/1976	187.40	133	1.50	--
L090	USCE GW70	110ALVM	SNWS14T14SR07E	05/28/1975	193.30	26	1.50	--
L091	USCE GW70A	110ALVM	NMWS23T14SR19W	06/17/1980	193	27	1.50	--
L092	USCE GW71	110ALVM	NMWS12T14SR19W	05/15/1975	225.40	32	1.50	--
L093	USCE GW72	110ALVM	SESES01T14SR19W	05/19/1975	220.80	30	1.50	--
L095	USCE P1	211EUTW	NMWS35T14SR19W	10/05/1982	190	38	1.50	--
L096	USCE P2	211EUTW	NMWS35T14SR19W	10/01/1982	190	42	1.50	--
P077	USCE GW58	110ALVM	NWSWS18T15SR08E	03/11/1975	203.30	9	1.50	--
Q083	USCE GW50	110ALVM	SNWS13T16SR19W	03/20/1980	193.20	9	1.50	--
Q084	USCE GW51	110ALVM	SNWS18T16SR18W	03/18/1975	204.90	21	1.50	--
Q085	USCE GW52	110ALVM	SENN58T16SR18W	03/19/1975	199.80	19	1.50	--
Q086	USCE GW53	110ALVM	NWSES01T16SR19W	03/28/1975	180.80	29	1.50	--
Q087	USCE GW54	110ALVM	NENES06T16SR18W	03/20/1975	199.10	18	1.50	--
Q088	USCE GW55	110ALVM	NENES35T15SR19W	03/25/1975	179.20	33	1.50	--
Q089	USCE GW56	110ALVM	NMWS36T15SR19W	03/21/1975	185.50	30	1.50	--
Q090	USCE GW57	110ALVM	SNWS30T15SR18W	03/21/1975	205.40	20	1.50	--
Q091	USCE GW59	110ALVM	NWSWS01T15SR19W	03/25/1975	189.90	42	1.50	--

DESCRIPTIONS OF GROUND-WATER WELLS--Continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	LAND NET LOCATION	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM- ETER (INCHES)	DISCHARGE (GALLONS PER MINUTE)
MONROE COUNTY--Continued								
Q092	USCE GW60	110ALVM	SENE01115SR19W	03/12/1975	184.10	21	1.50	--
Q095	USCE GW60A	110ALVM	SNWWS13T15SR19W	06/13/1980	184	24	1.50	--
PRENTISS COUNTY								
D028	USCE MW1-2	211EUTW	NWNE533T04SR09E	08/18/1977	510	158	1.50	--
D030	USCE MW1-4	211GORD	NENES33T04SR09E	09/04/1978	510	285	1.50	--
D032	USCE MW2-2	211GORD	NESE531T04SR09E	03/18/1980	440	220	1.50	--
D033	USCE MW2-3	211EUTW	NESE531T04SR09E	03/25/1980	440	181	1.50	--
D036	USCE W1-1	211GORD	SNWWS08T04SR09E	07/07/1980	580	371	1.50	--
D037	USCE W1-2	211EUTW	SNWWS08T04SR09E	07/07/1980	580	280	1.50	--
D039	USCE W3-1	211GORD	SESW515T04SR09E	12/04/1980	495	215	1.50	--
D040	USCE W3-2	211EUTW	SESW515T04SR09E	12/10/1980	495	180	1.50	--
D041	USCE W5-1	211GORD	NESW521T04SR09E	02/11/1982	580	250	1.50	--
D042	USCE W5-2	211EUTW	NESW521T04SR09E	02/17/1980	580	192	1.50	--
H026	USCE SW2-3	211GORD	SWSE510T05SR09E	12/13/1977	480	217	1.50	--
H028	USCE SW3-2	211GORD	SNWWS16T05SR09E	02/04/1980	450	192	1.50	--
H029	USCE SW3-3	211EUTW	SNWWS16T05SR09E	07/02/1980	450	132	1.50	--
H031	USCE SW2-4	211MCSN	SWSE510T05SR09E	01/01/1977	480	133	1.50	--
H033	USCE W6-2	211GORD	SESE510T05SR09E	03/04/1982	480	162	1.50	--
H034	USCE W6-3	211EUTW	SESE510T05SR09E	03/09/1982	480	92	1.50	--
M016	USCE 53A	211GORD	NWSE510T07SR09E	05/00/1972	332	35	4	3.0
M017	USCE 43C	211EUTWR	NWWS27T06SR09E	05/00/1972	445	90	4	--
M018	USCE 43B	211MCSN	NWWS27T06SR09E	05/00/1972	460	120	4	--
M019	USCE 52A	211GORD	NESE509T07SR09E	05/00/1972	524	40	4	20
M020	USCE 51A	211GORD	SENN509T07SR09E	05/00/1972	356	64	4	6.0
M021	USCE 41A	211GORD	SENN528T06SR09E	05/00/1972	480	226	4	--
M022	USCE 41B	211EUTW	SENN528T06SR09E	05/00/1972	480	176	4	16
M023	USCE 43A	211GORD	NWWS27T06SR09E	05/00/1972	460	170	4	--
M025	USCE 43D	211EUTWR	NWWS27T06SR09E	05/00/1975	460	118	4	--
M026	USCE 42A	211EUTW	NENES28T06SR09E	05/00/1975	420	69	4	--
M027	USCE 42B	211EUTW	NENES28T06SR09E	05/00/1975	420	49	4	--
M028	USCE GW123A	110TRCS	NWWS16T07SR09E	01/01/1980	316	23	2	--
M030	USCE GW122	110ALVM	SWSE507T07SR09E	02/21/1975	330	23	2	--
M031	USCE GW123	110ALVM	SESW515T07SR09E	07/15/1975	354	22	2	--

DESCRIPTIONS OF GROUND-WATER WELLS--Continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	LAND NET LOCATION	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM- ETER (INCHES)	DISCHARGE (GALLONS PER MINUTE)
PRENTISS COUNTY--Continued								
M032	USCE GW124	110AL VM	SENWS09T07SR09E	07/18/1975	350	39	2	--
TISHOMINGO COUNTY								
A017	USCE 10DP177	211GORD	NENWS36T02SR09E	05/14/1973	430	48	4	--
A019	USCE 2MW16	211EUTW	NWSES35T02SR09E	00/00/1981	500	108	1.50	--
A020	USCE 2MW17	211GORD	NWSES35T02SR09E	00/00/1981	500	119	1.50	--
D037	USCE 14A	211GORD	SENWS36T03SR09E	03/06/1972	545	184	2	--
D040	USCE 12A	211GORD	SENES34T03SR09E	03/09/1972	485	190	8	--
D041	USCE 12B	211EUTWR	SENES34T03SR09E	03/17/1972	485	150	8	60
D042	USCE 12C	211EUTWR	SENES34T03SR09E	03/21/1972	485	88	6	58
D044	USCE 14C	211EUTW	SENWS36T03SR09E	02/29/1972	545	106	4	--
D047	USCE 1DP141	211EUTWR	SENWS35T03SR09E	05/00/1972	462	134	3	2.0
D048	USCE 1DP142	211EUTWR	SENWS35T03SR09E	05/00/1972	462	57	1.50	--
D050	USCE 11C	211GORD	SWSES33T03SR09E	10/21/1975	505	404	6	--
D051	USCE 11D	211EUTW	SWSES33T03SR09E	10/21/1976	505	210	6	--
D055	USCE 3DP151	211GORD	NESES14T03SR09E	08/30/1972	450	163	3	--
D056	USCE 3DP152	211EUTW	NESES14T03SR09E	09/11/1972	450	100	3	--
D059	USCE 7DP167	211GORD	NESES01T03SR09E	03/12/1973	435	88	3	--
D060	USCE 7DP168	211EUTW	NESES01T03SR09E	03/13/1973	435	43	4	--
D064	USCE W2-3	211GORD	SWWS11T03SR09E	11/03/1980	500	172	1.50	--
D065	USCE W2-4	211EUTW	SWWS11T03SR09E	11/06/1980	500	104	1.50	--
D067	USCE 2MW6	211GORD	SWWS01T03SR09E	00/00/1981	455	90	1.50	--
D068	USCE 2MW7	211EUTW	SWSES02T03SR09E	00/00/1981	455	110	1.50	--
D069	USCE 2MW8	211GORD	SWSES02T03SR09E	00/00/1981	455	131	1.50	--
E014	USCE 15A	211GORD	NWWS31T03SR10E	02/15/1972	540	340	2	20
E015	USCE 15B	211GORD	NWWS31T03SR10E	02/24/1972	540	204	4	3.0
E016	USCE 15C	211EUTWR	NWWS31T03SR10E	02/00/1972	540	130	4	3.0
E027	USCE NE2-3	211GORD	SWWS33T03SR10E	03/07/1970	580	157	1.50	--
E028	USCE NE2-4	211GORD	SWWS33T03SR10E	03/24/1978	580	340	1.50	--
E033	USCE NE3-4	211GORD	SEWS26T03SR10E	11/21/1979	585	135	1.50	--
E034	USCE NE3-5	211EUTW	SEWS26T03SR10E	11/27/1979	585	63	1.50	--
E040	USCE E2-1	211GORD	SESES20T03SR10E	03/08/1983	560	156	1.50	--
E041	USCE E2-2	211EUTW	SWSES20T03SR10E	03/08/1983	560	107	1.50	--

DESCRIPTIONS OF GROUND-WATER WELLS--Continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	LAND NET LOCATION	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM- ETER (INCHES)	DISCHARGE (GALLONS PER MINUTE)
TISHOMINGO COUNTY--Continued								
E042	USCE 2M9	211EUTW	SEWS06T03SR10E	00/00/1981	445	36	1.50	--
E043	USCE 2M10	211EUTW	SEWS06T03SR10E	00/00/1973	445	42	3	--
E044	USCE 2M13	211EUTW	NWSWS36T02SR09E	00/00/1981	445	88	1.50	--
E045	USCE 2M14	211GORD	NWSWS36T02SR09E	00/00/1981	445	99	1.50	--
G004	USCE 21A	211GORD	SWWS26T04SR09E	05/24/1971	585	278	4	3.0
G005	USCE 21B	211EUTWL	SWWS26T04SR09E	05/00/1971	585	235	4	11
G013	USCE 35A	211GORD	NESES33T04SR10E	07/00/1971	600	300	4	6.0
G014	USCE 35B	211EUTWR	NESES33T04SR10E	07/22/1971	600	203	4	5.0
G015	USCE 25A	211GORD	NWSWS20T04SR10E	07/28/1971	610	235	4	--
G016	USCE 25B	211EUTWR	NWSWS20T04SR10E	08/03/1971	610	200	4	30
G017	USCE 26A	211GORD	NESES20T04SR10E	07/28/1971	565	250	2	--
G018	USCE 26B	211EUTWR	NESES20T04SR10E	07/00/1971	565	127	4	--
G019	USCE 26C	211EUTWR	NESES20T04SR10E	07/00/1971	565	72	2	5.0
G020	USCE 23C	211GORD	NWWS30T04SR10E	08/25/1971	588	330	2	--
G023	USCE 23G	211GORD	NWWS30T04SR10E	09/15/1971	601.3	260	2	--
G027	USCE 23I	330MSSP	NWWS30T04SR10E	10/07/1971	587	492	2	--
G031	USCE 23J	211GORD	NWWS30T04SR10E	12/02/1971	587	380	4	60
G032	USCE 23L	211EUTWR	NWWS30T04SR10E	12/08/1971	563	126	8	60
G033	USCE 23D	211EUTWR	NWWS30T04SR10E	08/31/1971	590	145	4	20
G034	USCE 23E	211EUTWR	NWWS30T04SR10E	09/30/1971	585	92	2	--
G038	USCE 22A	211GORD	SWWS25T04SR09E	01/31/1972	625	360	4	--
G040	USCE 22B	211EUTWR	NWSWS25T04SR09E	02/04/1972	625	240	4	--
G041	USCE 23N	211MCSN	NWWS30T04SR10E	01/24/1972	600	200	4	20
G042	USCE 23O	211EUTW	NWWS30T04SR10E	02/01/1972	561	60	6	9.0
G079	USCE 6DP163	211GORD	SESES24T04SR09E	02/20/1973	590	222	4	--
G080	USCE 6DP164	211EUTW	SESES24T04SR09E	02/23/1973	590	125	4	--
G083	USCE NE1-1	211GORD	NENWS05T04SR10E	10/17/1977	500	190	3	--
G085	USCE NE1-3	211EUTW	NENWS05T04SR10E	06/22/1978	495	65	3	--
G086	USCE ME1-1	211GORD	NENES21T04SR10E	02/08/1979	560	204	1.50	--
G087	USCE ME1-2	211EUTWL	NENES21T04SR10E	02/13/1979	560	129	1.50	--
G092	USCE ME2-1	211GORD	NWSWS14T04SR10E	02/16/1979	560	162	1.50	--
G093	USCE ME2-2	211EUTW	NWSWS14T04SR10E	02/16/1979	560	67	1.50	--
G095	USCE ME3-2	211GORD	SWWS13T04SR10E	08/28/1979	517	93	1.50	--
G100	USCE SE1-2	211GORD	SWWS35T04SR10E	06/08/1979	560	218	1.50	--
G102	USCE SE1-4	211EUTW	SWWS35T04SR10E	04/30/1979	560	73	1.50	--

DESCRIPTIONS OF GROUND-WATER WELLS--Continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	LAND NET LOCATION	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM- ETER (INCHES)	DISCHARGE (GALLONS PER MINUTE)
TISHOMINGO COUNTY--Continued								
G104	USCE SE2-2	211GORD	NWWS25T04SR10E	05/17/1979	580	183	1.50	--
G106	USCE SE2-4	211EUTW	NWWS25T04SR10E	05/24/1979	580	103	1.50	--
G112	USCE 2DP147	211GORD	SEWS11T04SR09E	07/20/1972	500	165	3	--
G113	USCE 2DP148	211EUTW	SEWS11T04SR09E	07/25/1972	500	130	3	--
G116	USCE 4DP156	211GORD	SEWS31T04SR10E	01/01/1973	500	153	3.50	--
G118	USCE 4DP158	211EUTW	SEWS31T04SR10E	10/26/1972	500	56	4	--
G121	USCE 9DP173	211GORD	NESES14T04SR09E	04/19/1973	560	220	4	--
G122	USCE 9DP174	211EUTW	NESES14T04SR09E	04/23/1973	560	163	4	--
J008	USCE 33A	211EUTWL	SESES06T05SR09E	07/00/1971	515	172	4	--
J013	USCE 34A	211GORD	NEWS05T05SR10E	07/00/1971	560	266	4	8.0
J014	USCE 34B	211EUTWR	NEWS05T05SR10E	07/00/1971	560	134	4	8.0
J016	USCE 33B	211EUTWR	SESES06T05SR09E	07/00/1971	515	90	4	--
J017	USCE 33C	211GORD	SESES06T05SR09E	09/01/1971	515	212	2	--
J018	USCE 31A	211GORD	SWSES01T05SR09E	03/15/1972	473	178	4	1.0
J019	USCE 31B	211EUTWR	SWSES01T05SR09E	03/27/1972	473	74	4	--
J020	USCE 32A	211GORD	NNWS06T05SR10E	04/27/1972	530	240	4	10
J021	USCE 32B	211EUTWR	NNWS06T05SR10E	04/00/1972	530	112	4	8.0
J066	USCE SW1-2	211EUTW	NNWS12T05SR09E	09/01/1977	550	150	1.50	--
J075	USCE SW1-1	211GORD	NNWS12T05SR09E	08/25/1977	550	264	1.50	--
J076	USCE 5DP159	211GORD	NEWS08T05SR10E	11/06/1972	440	148	4	--
J077	USCE 5DP160	211EUTW	NEWS08T05SR10E	11/08/1972	440	60	3	--
J080	USCE E1-2	211GORD	SWSES09T05SR10E	02/16/1981	520	131	1.50	--
J081	USCE E1-3	211EUTW	SWSES09T05SR10E	03/16/1981	520	102	1.50	--
L029	USCE 54A	211GORD	SWWS11T07SR09E	04/28/1972	332	27	4	--
L030	USCE 55A	211GORD	SESES11T07SR09E	05/11/1972	380	50	4	18
L031	USCE 45A	211GORD	NWWS25T06SR09E	03/29/1972	485	92	4	--
L032	USCE 45B	211MCSN	SWWS25T06SR09E	03/29/1972	485	76	4	--
L033	USCE 54B	110AL VM	SWWS11T07SR09E	06/06/1972	332	12	4	0.50
L034	USCE 54C	110AL VM	SWWS11T07SR09E	05/01/1972	333	13	2	--
L051	USCE GW125	110AL VM	SESES02T07SR09E	07/22/1975	367.10	17	2	--

DESCRIPTIONS OF GROUND-WATER WELLS--Continued

LOCAL NUMBER	OWNER	PRINCIPAL AQUIFER	LAND NET LOCATION	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM- ETER (INCHES)	DISCHARGE (GALLONS PER MINUTE)
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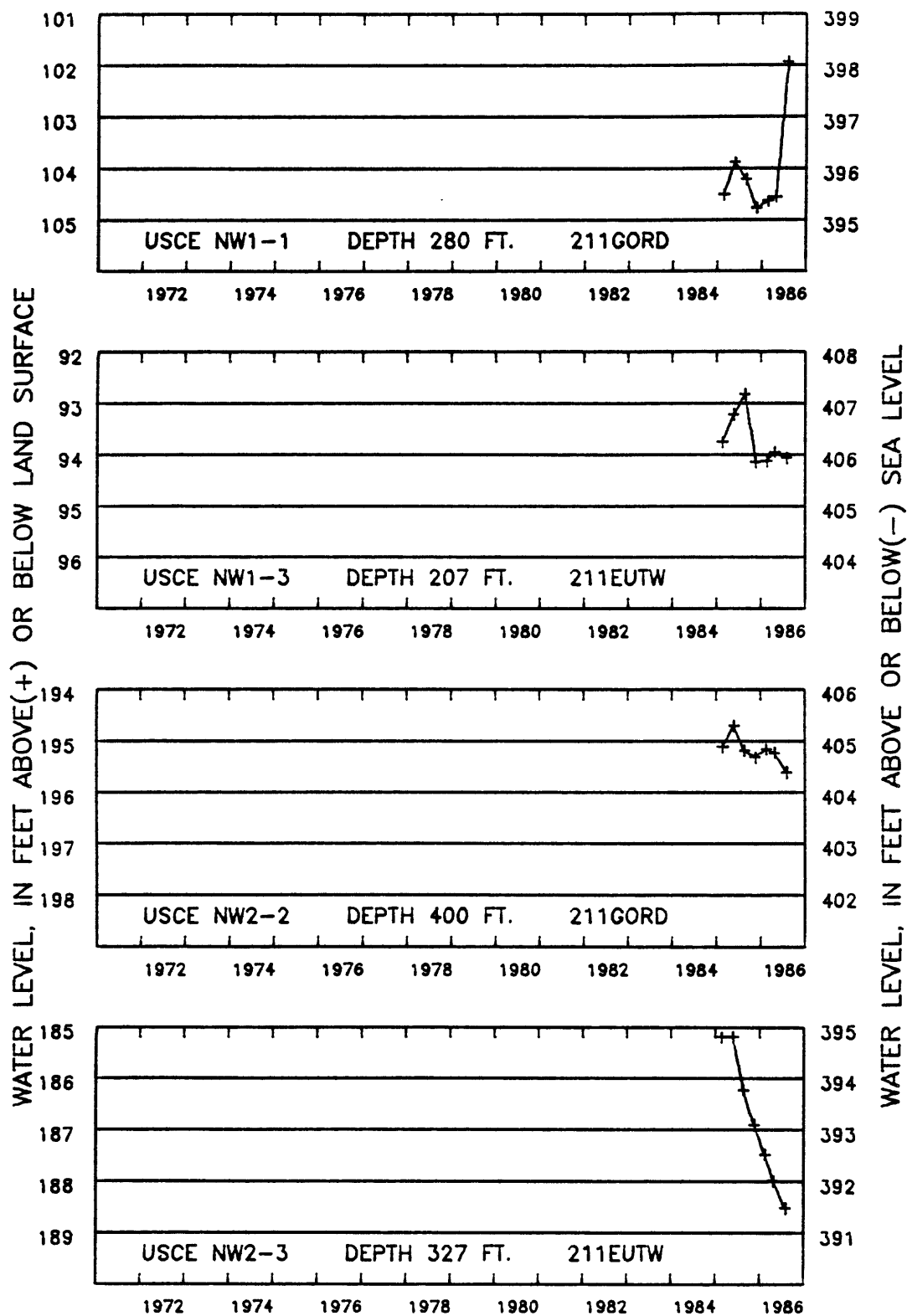
WELLS NOT IN THE GROUND-WATER NETWORK

PRENTISS COUNTY

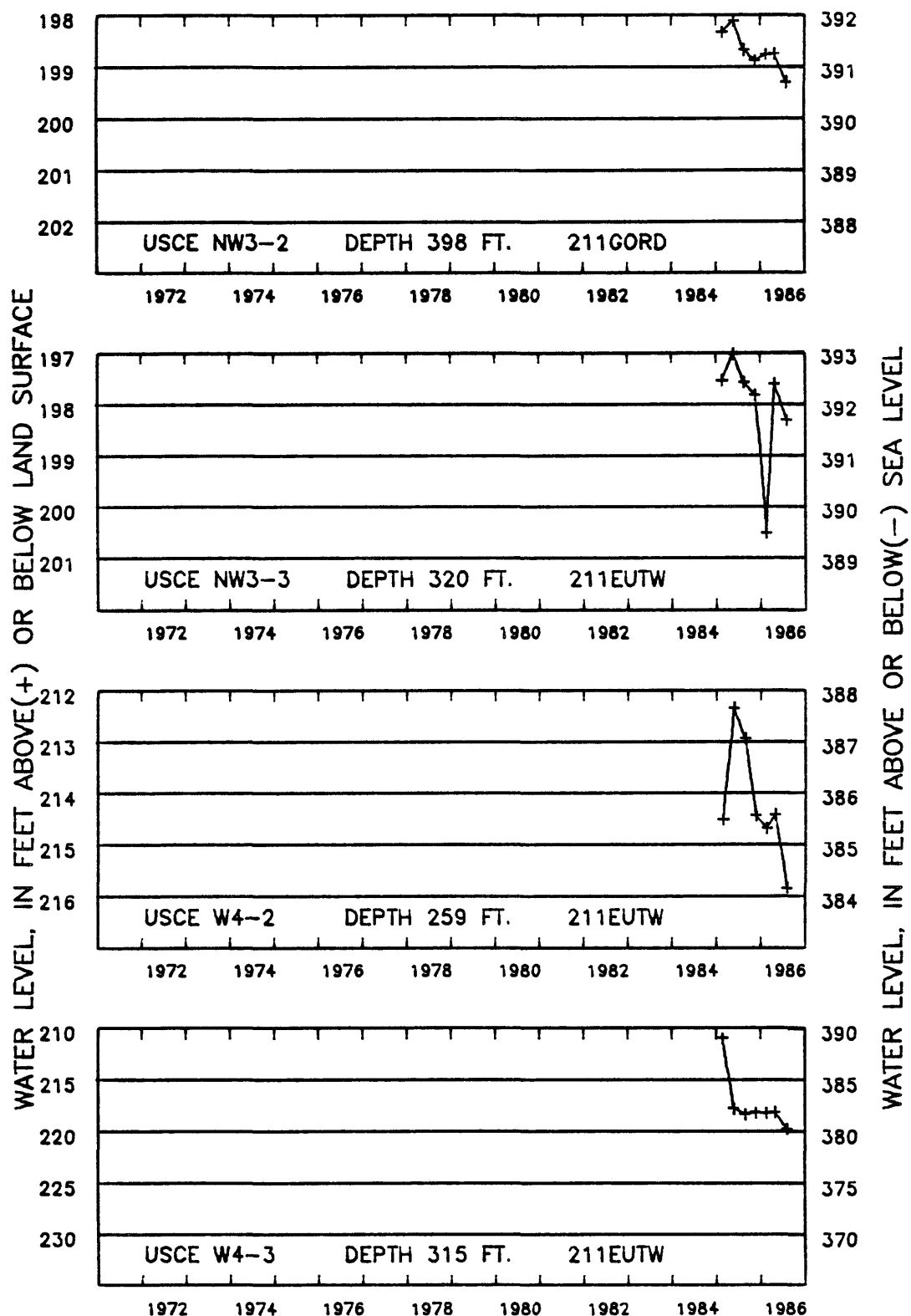
B034	THRASHER W A	211EUTW	SWSWS23T04SR07E	12/00/1966	520	514	8	200
F011	BOONEVILLE	211EUTWL	NESWS09T05SR07E	00/00/1956	495	486	12	500

APPENDIX A
GROUND-WATER DATA

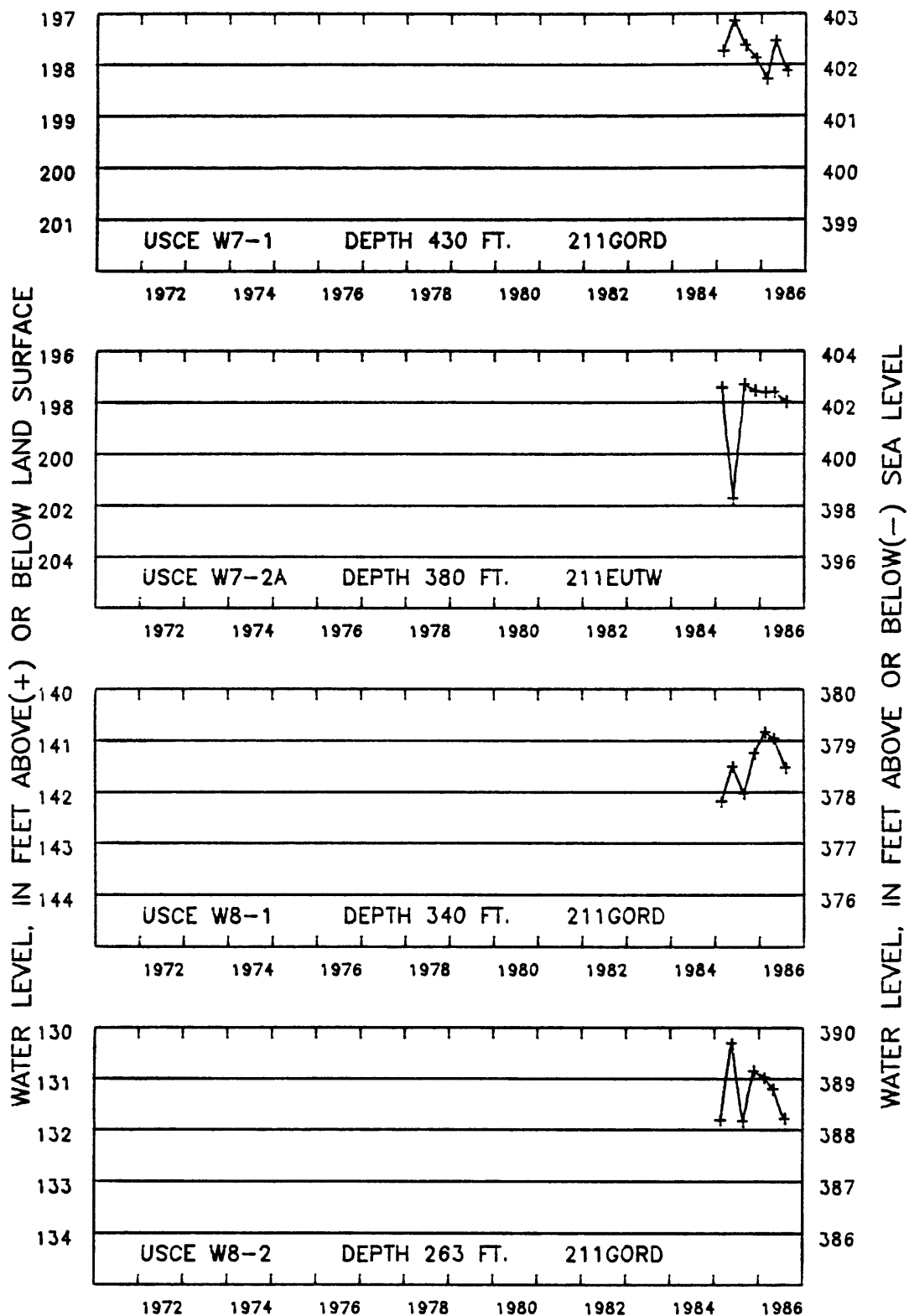
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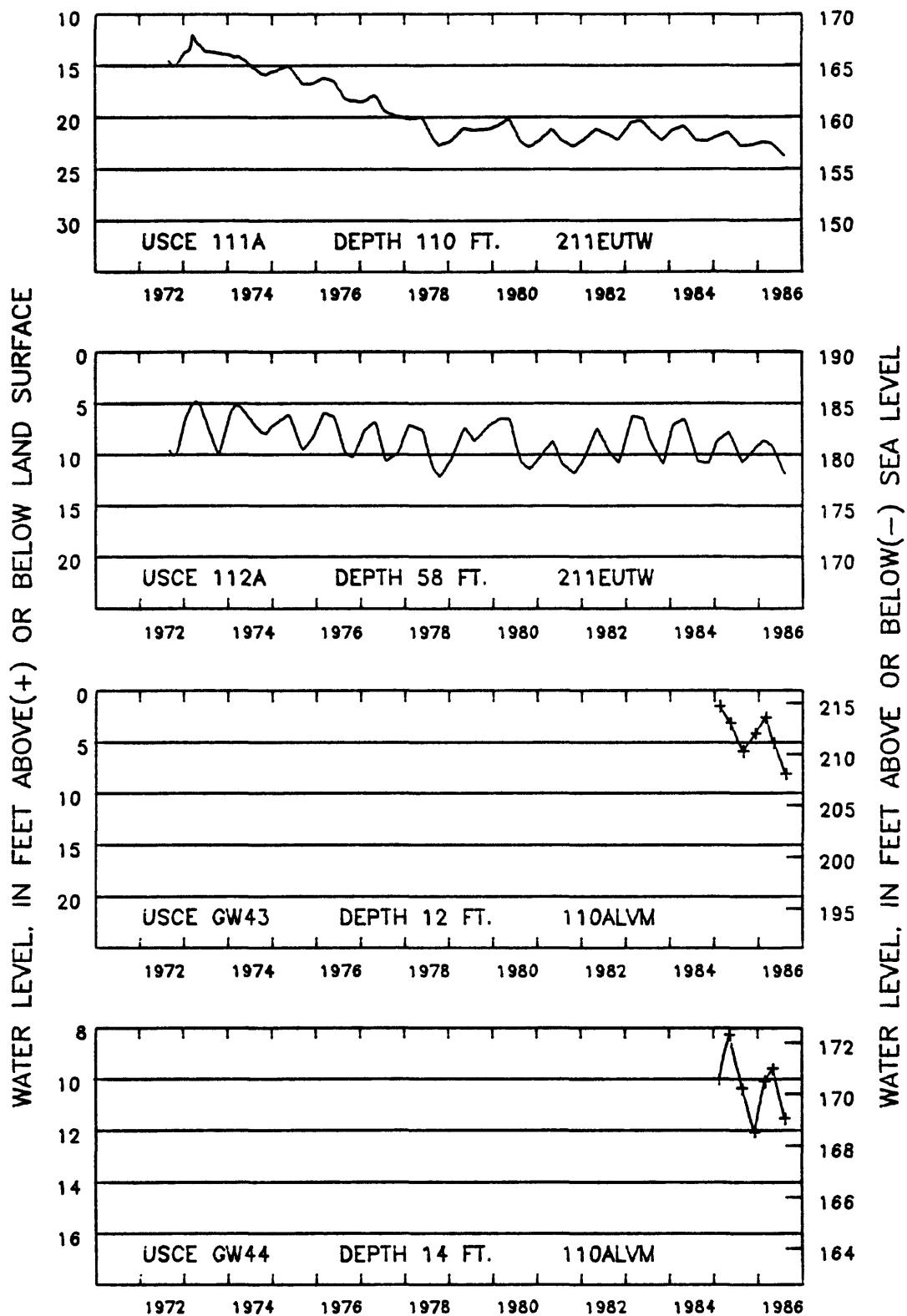
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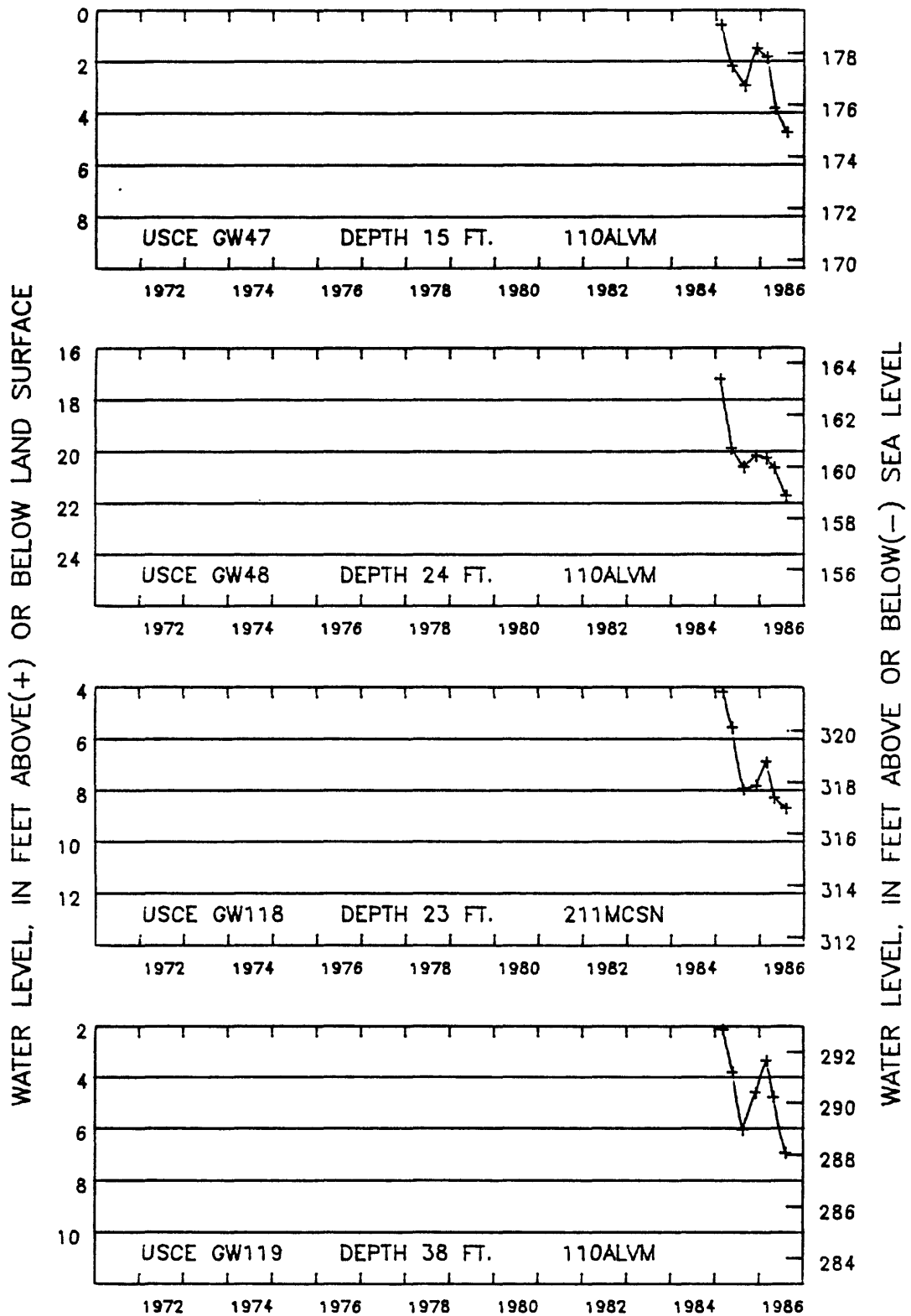
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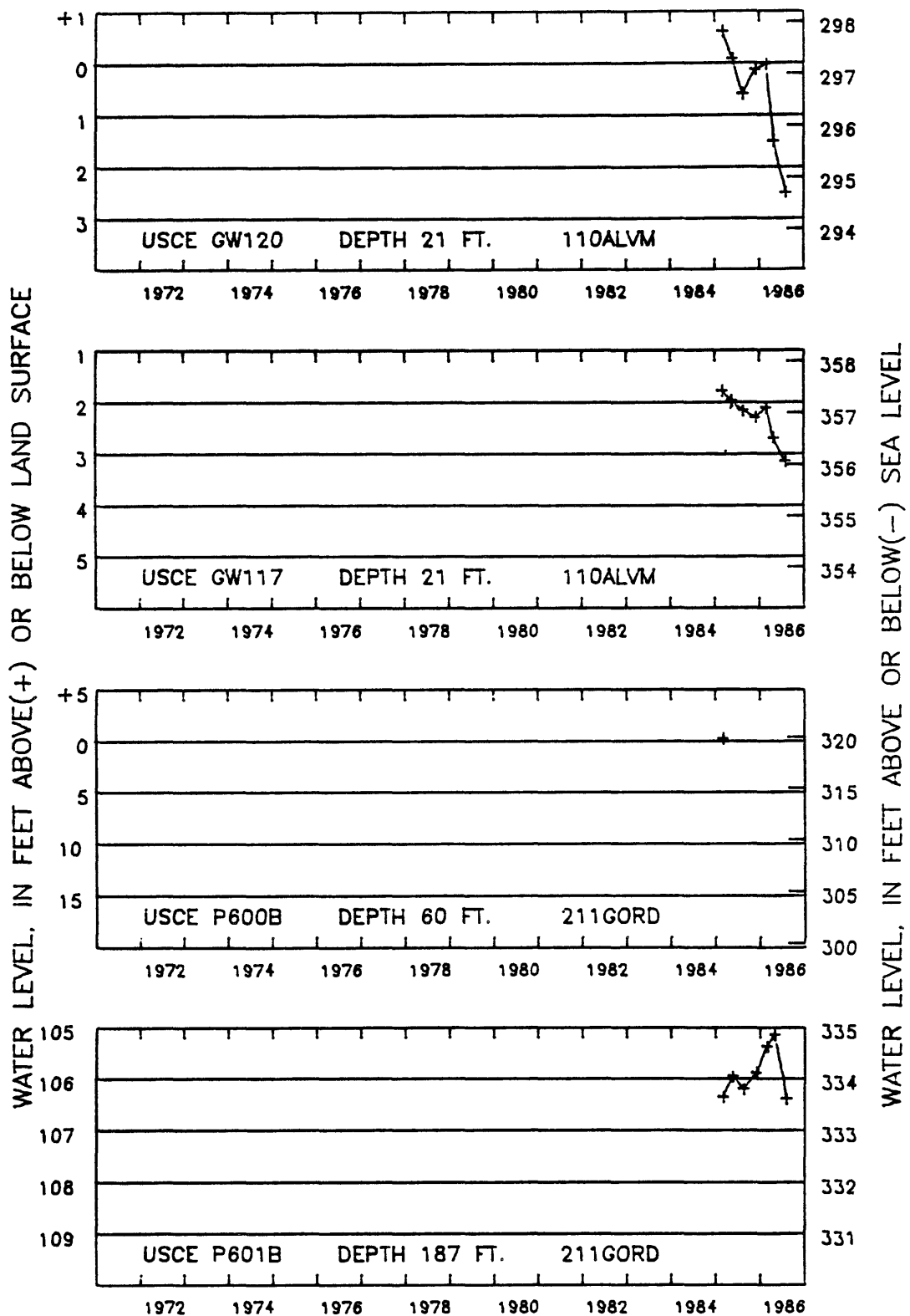
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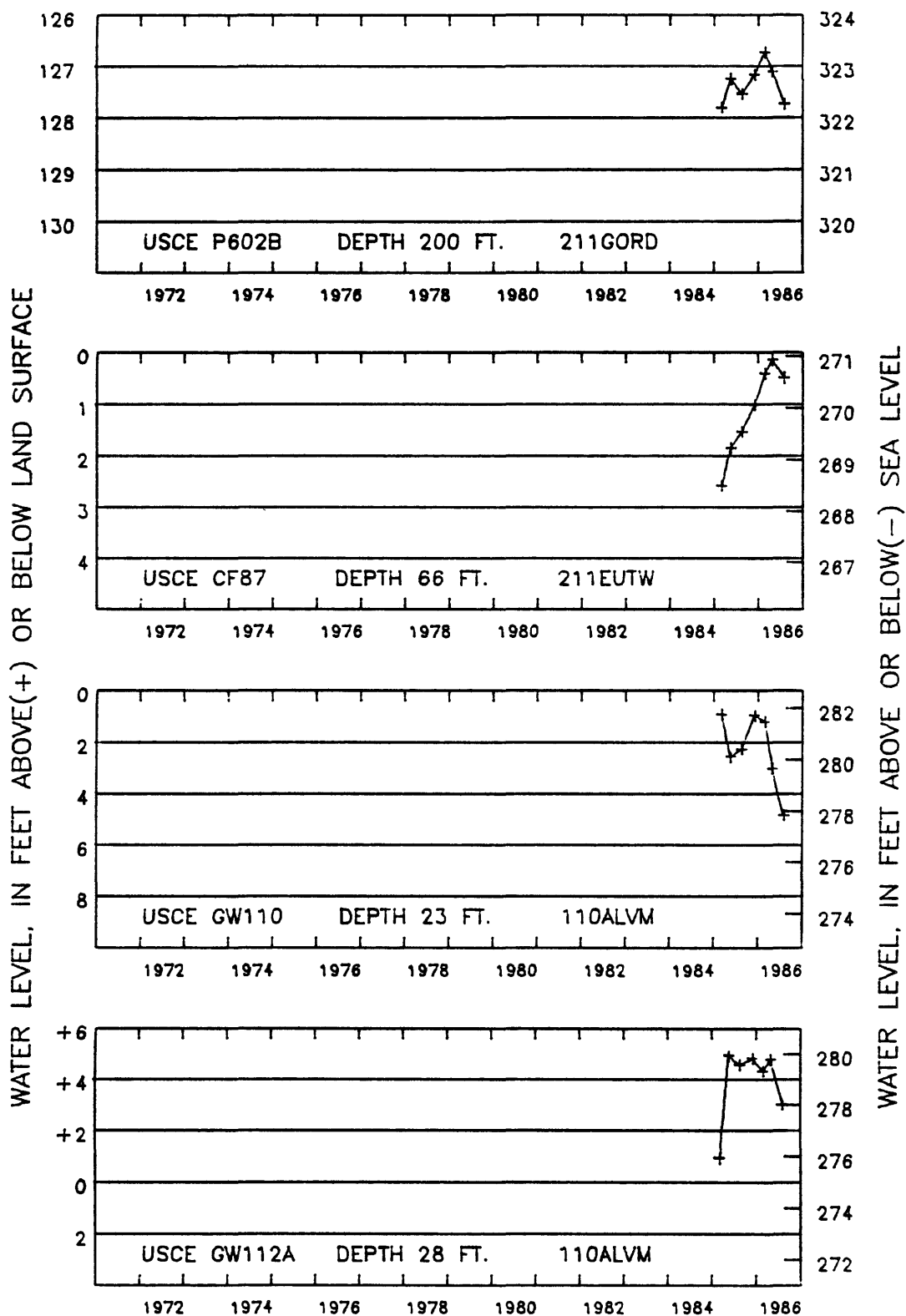
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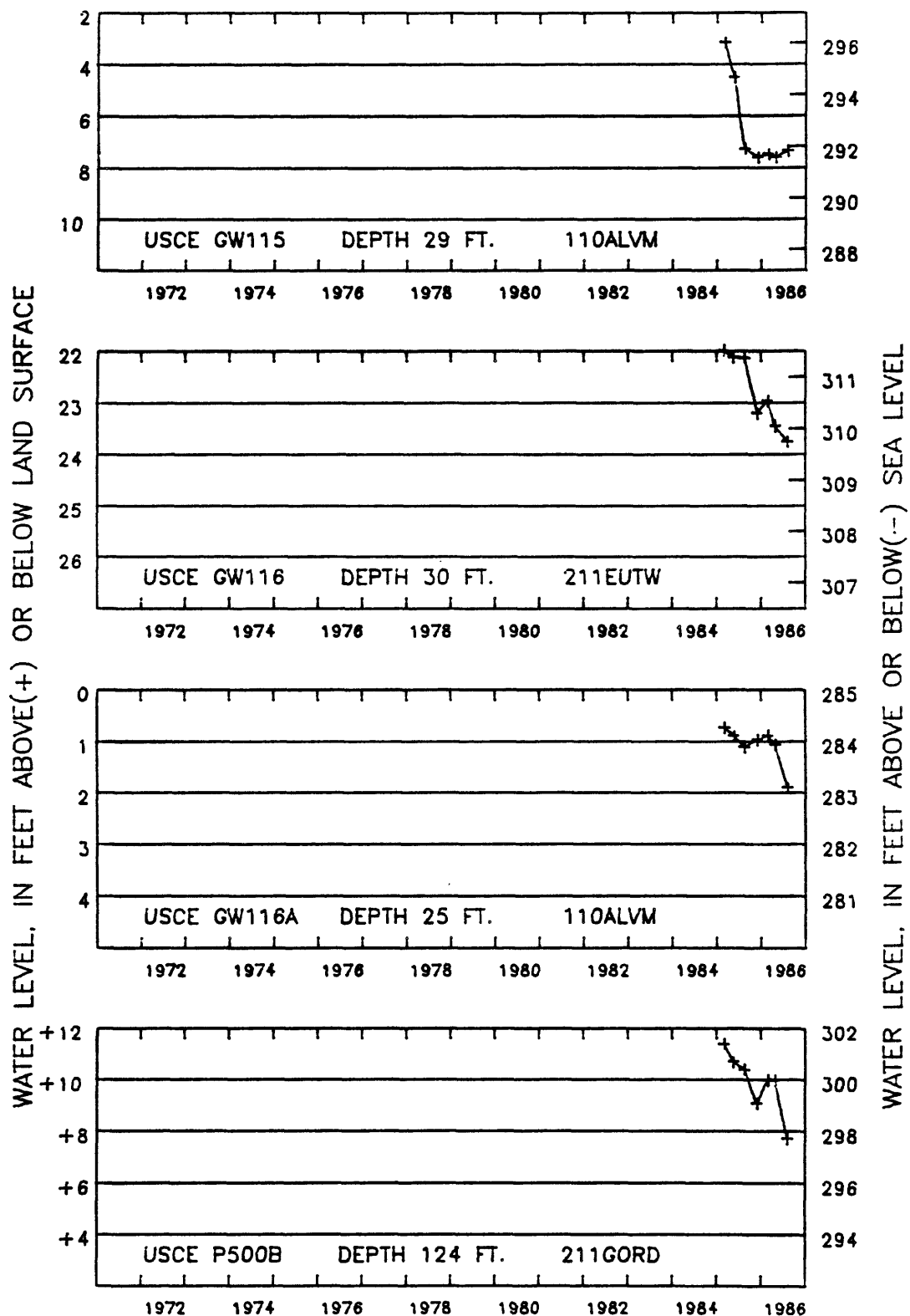
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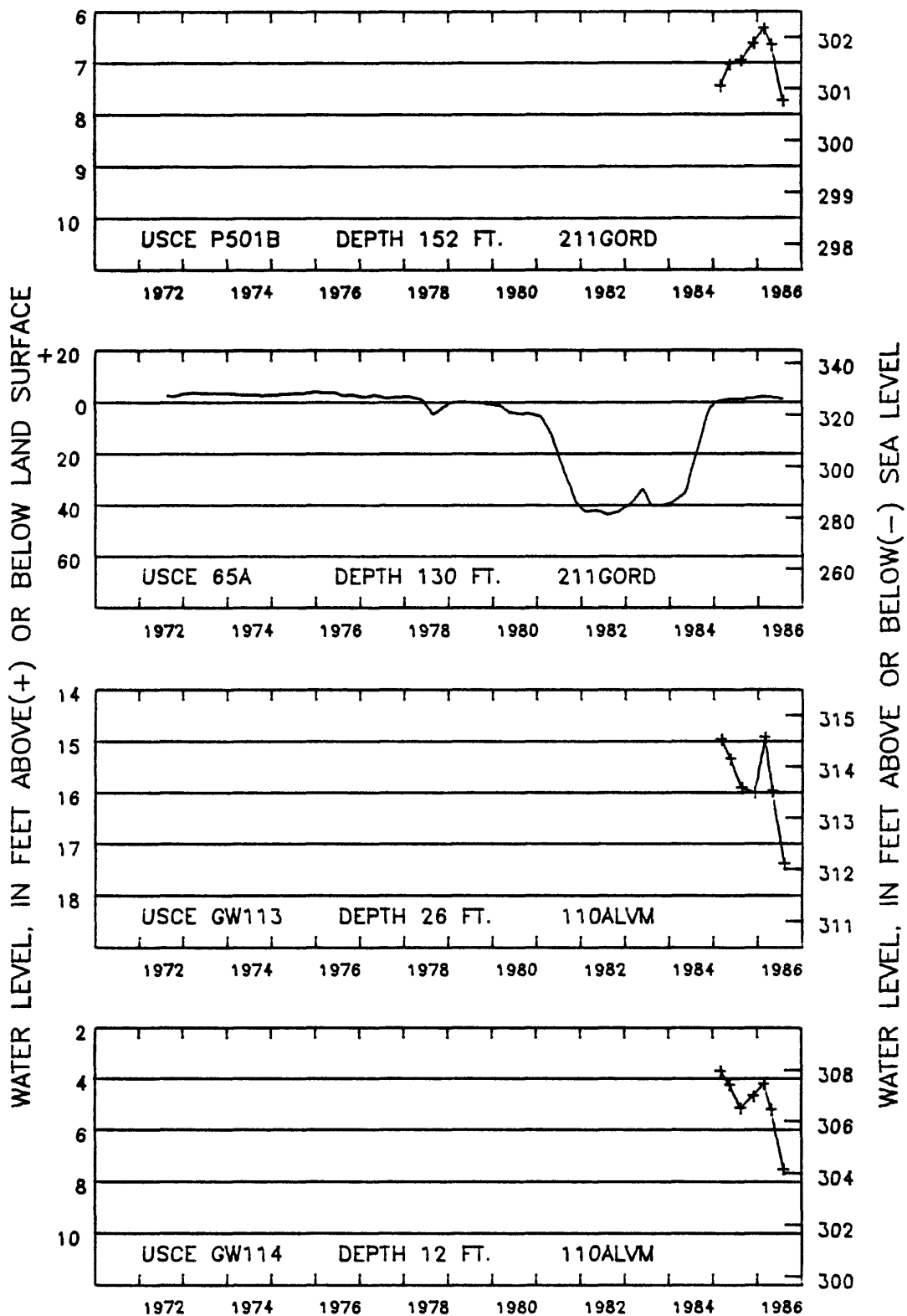
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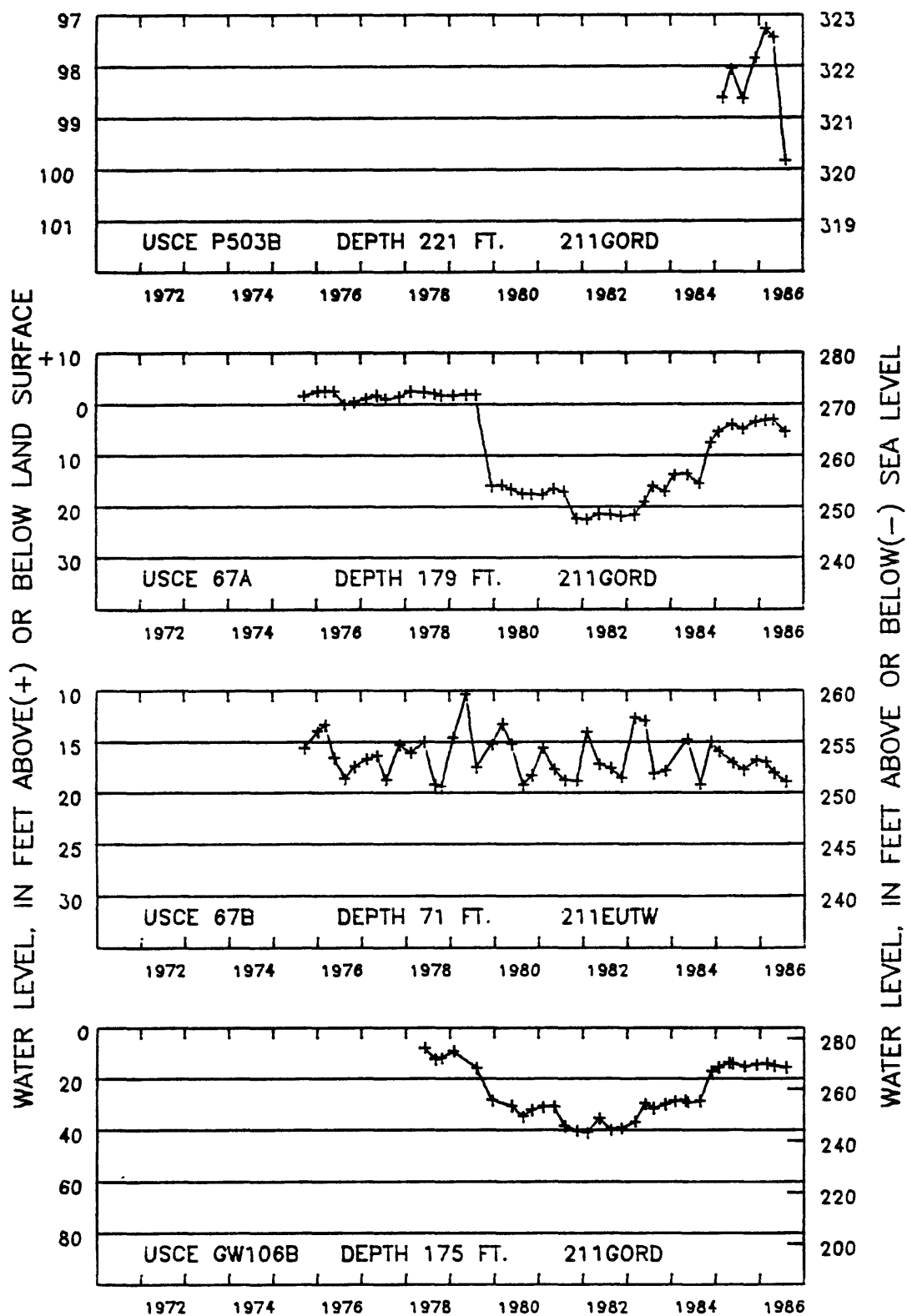
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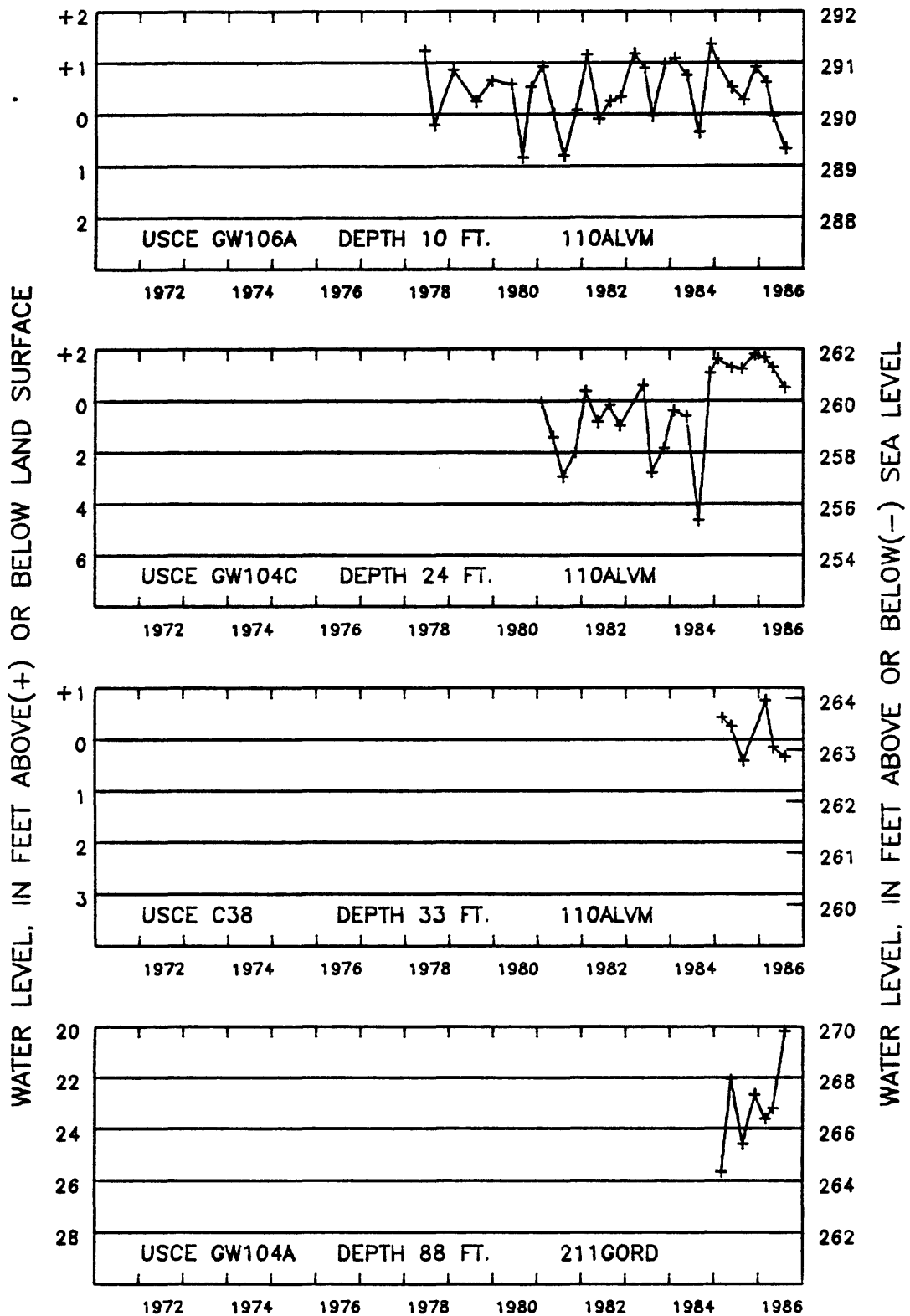
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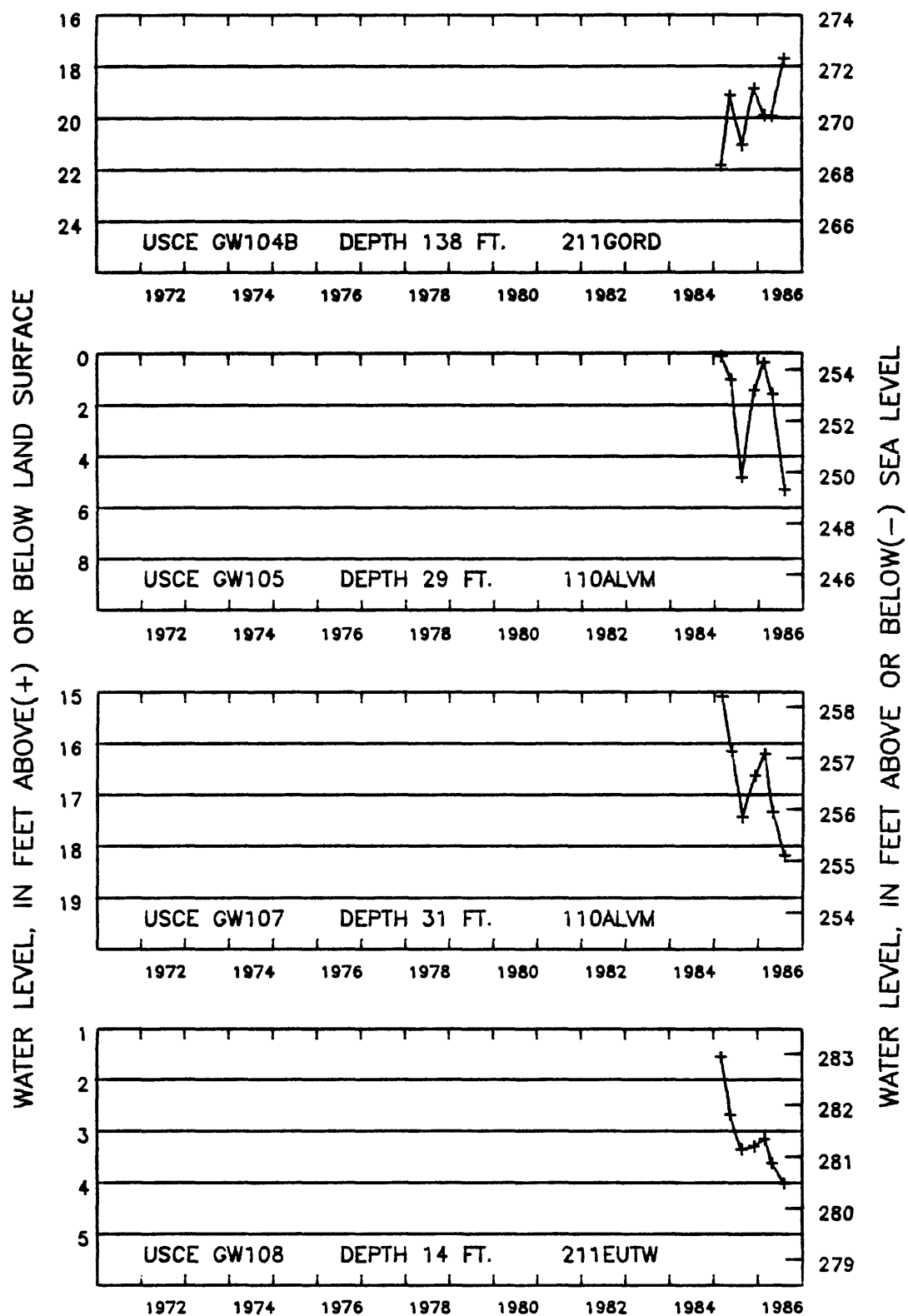
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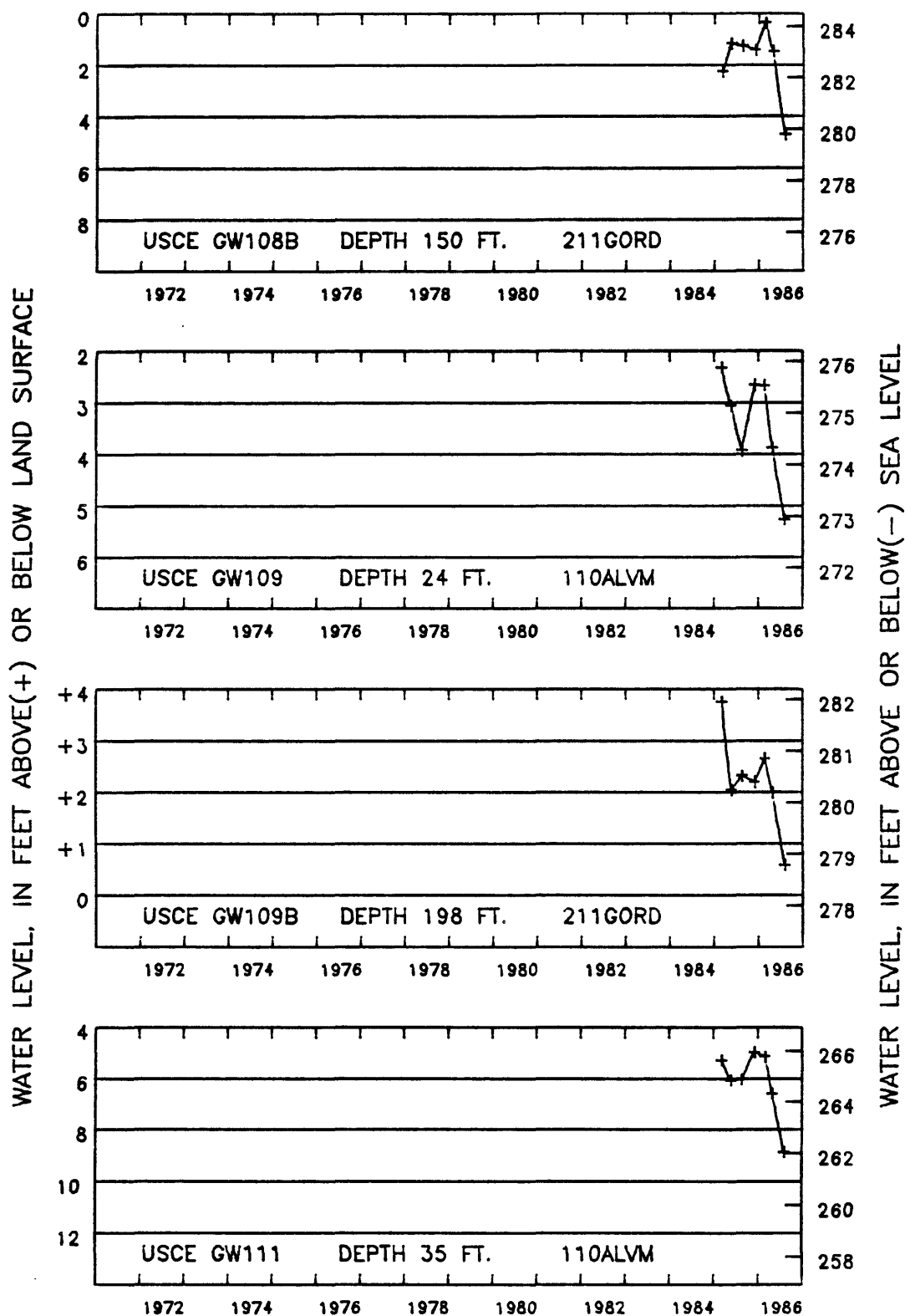
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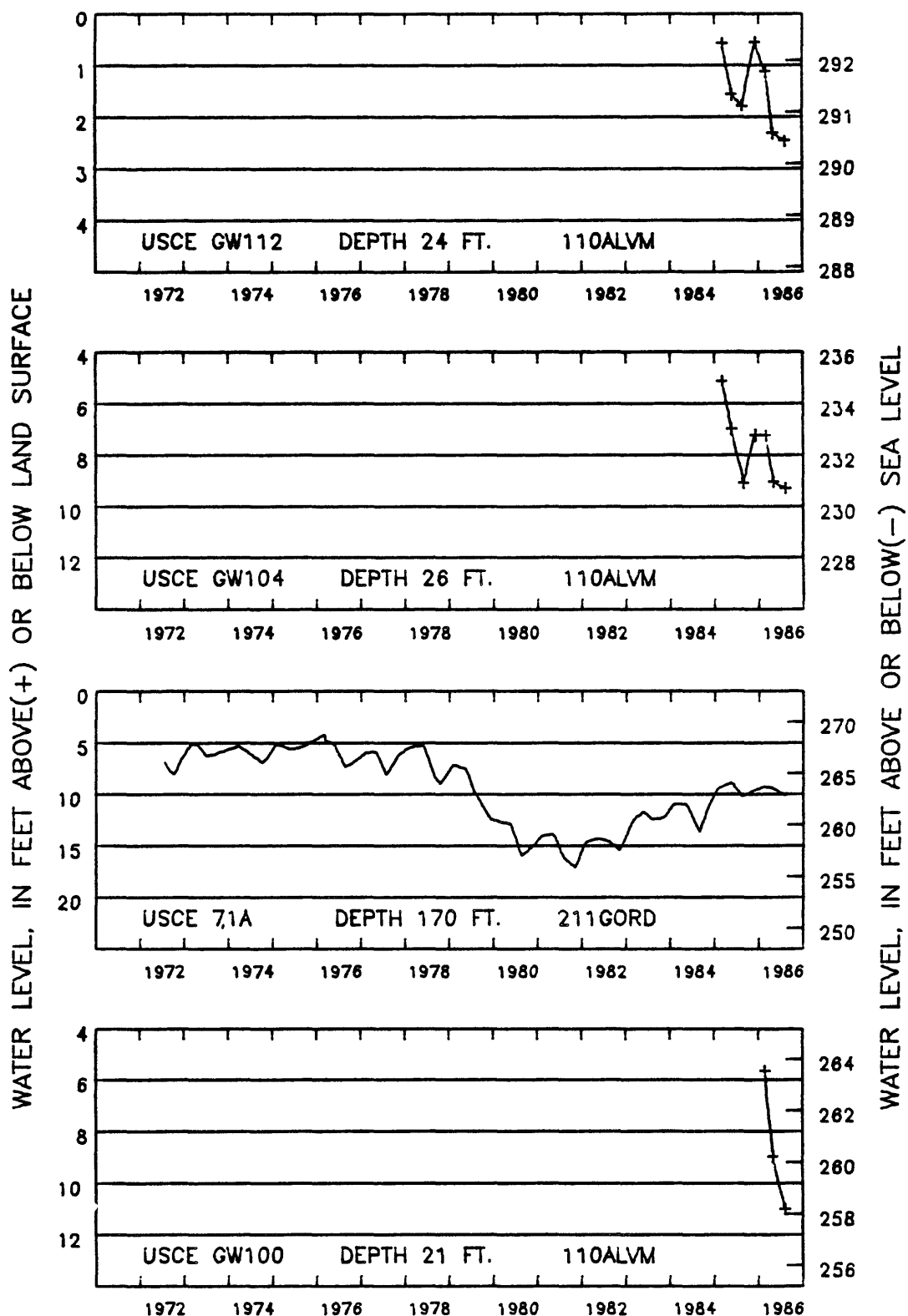
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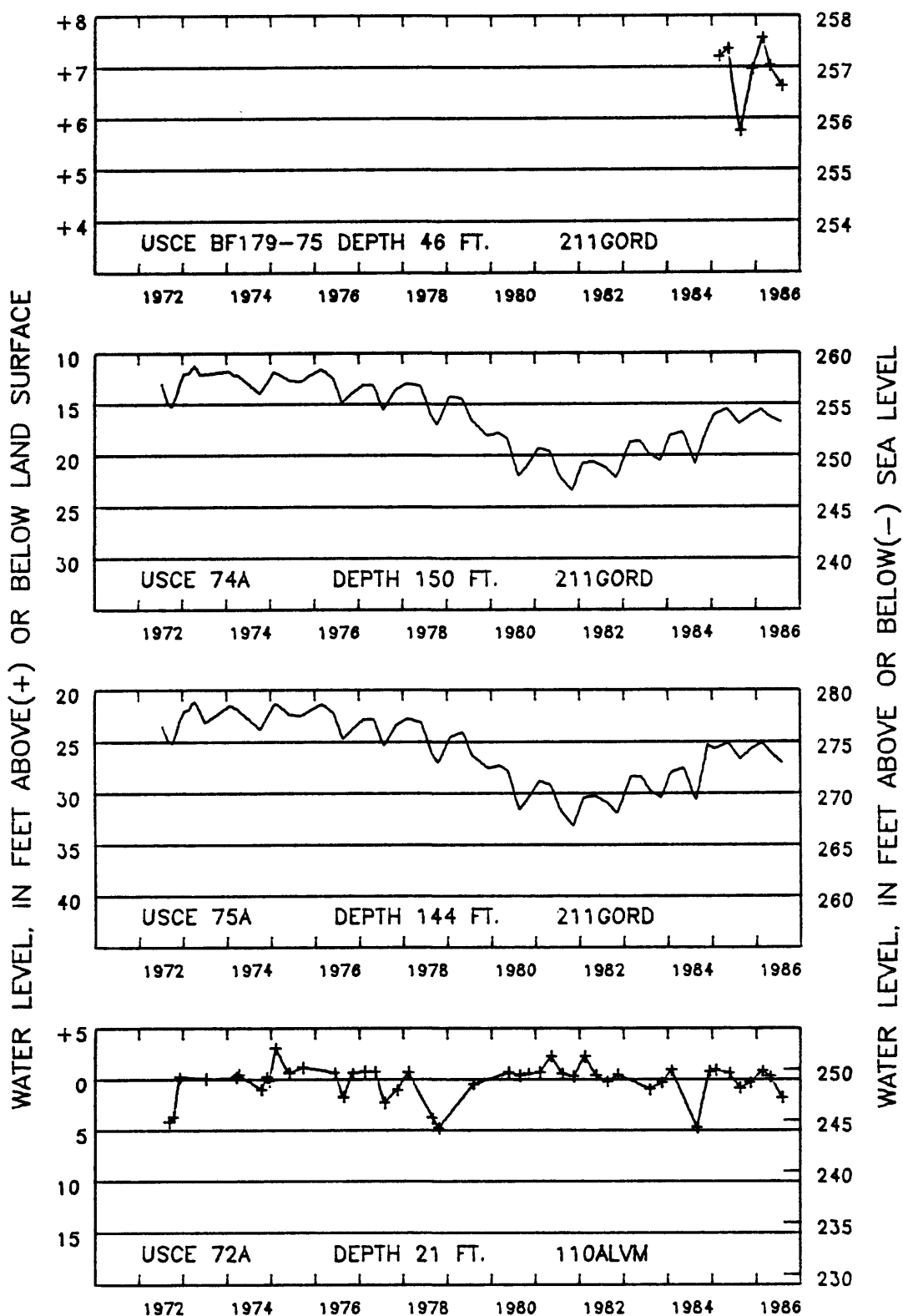
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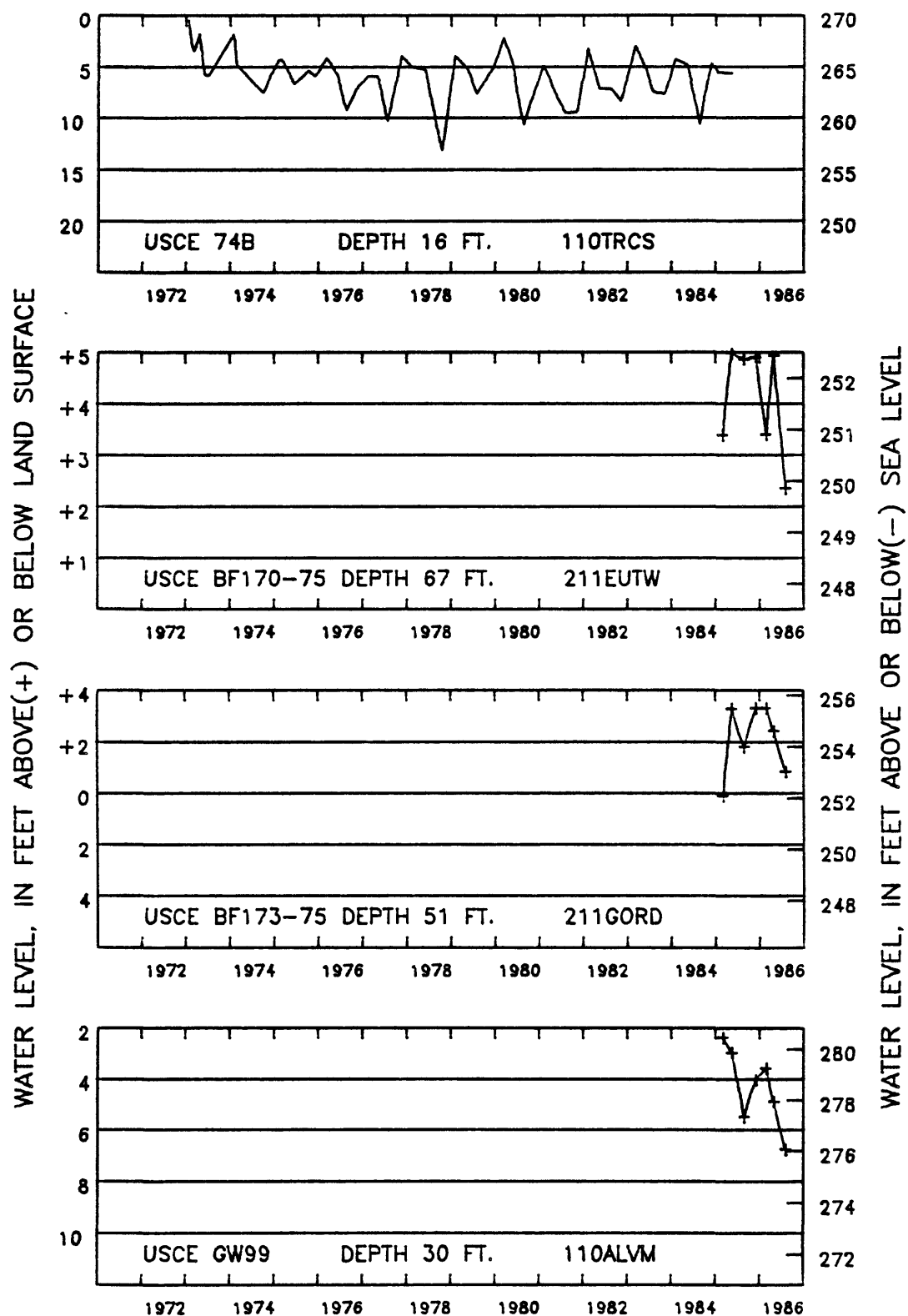
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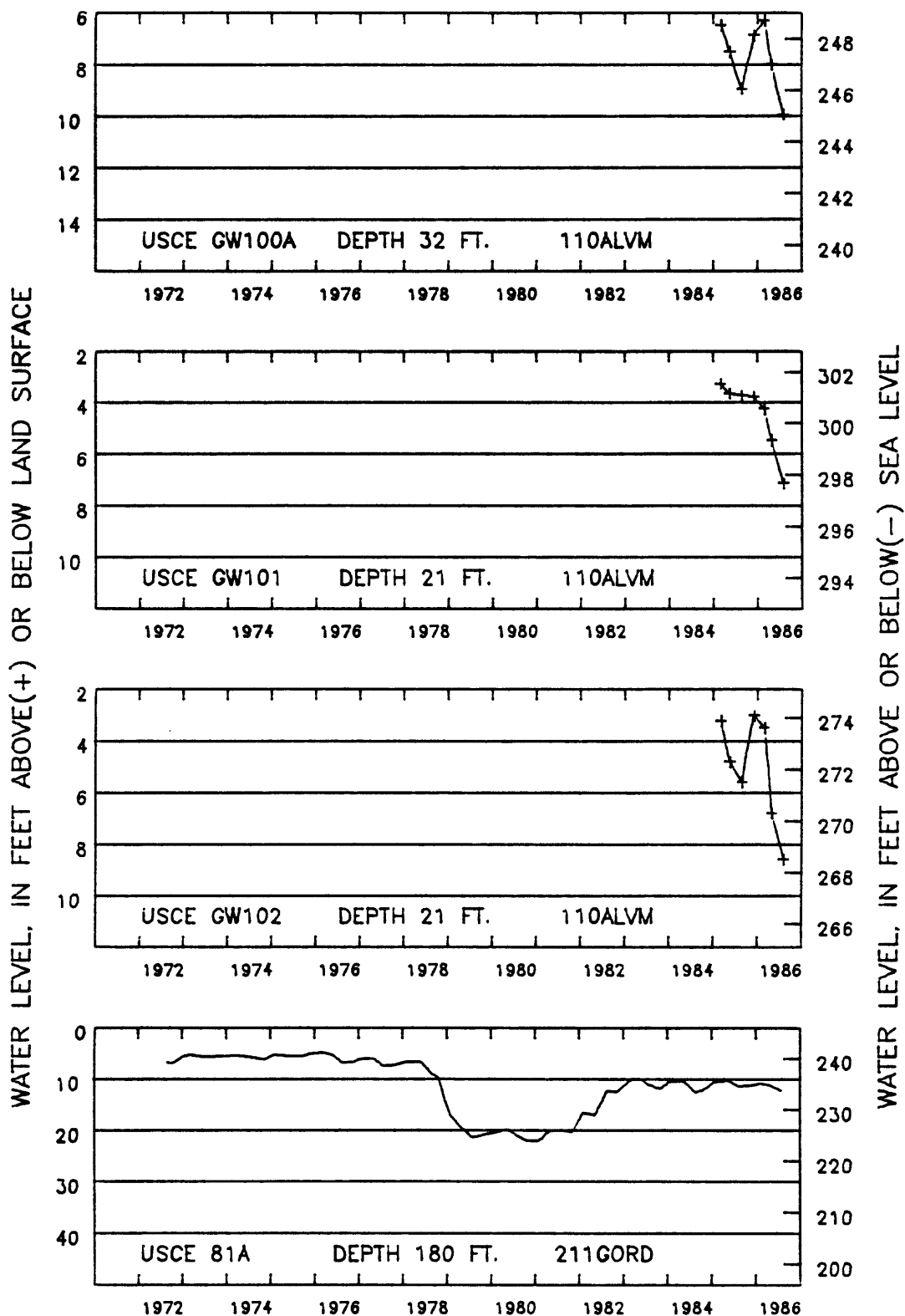
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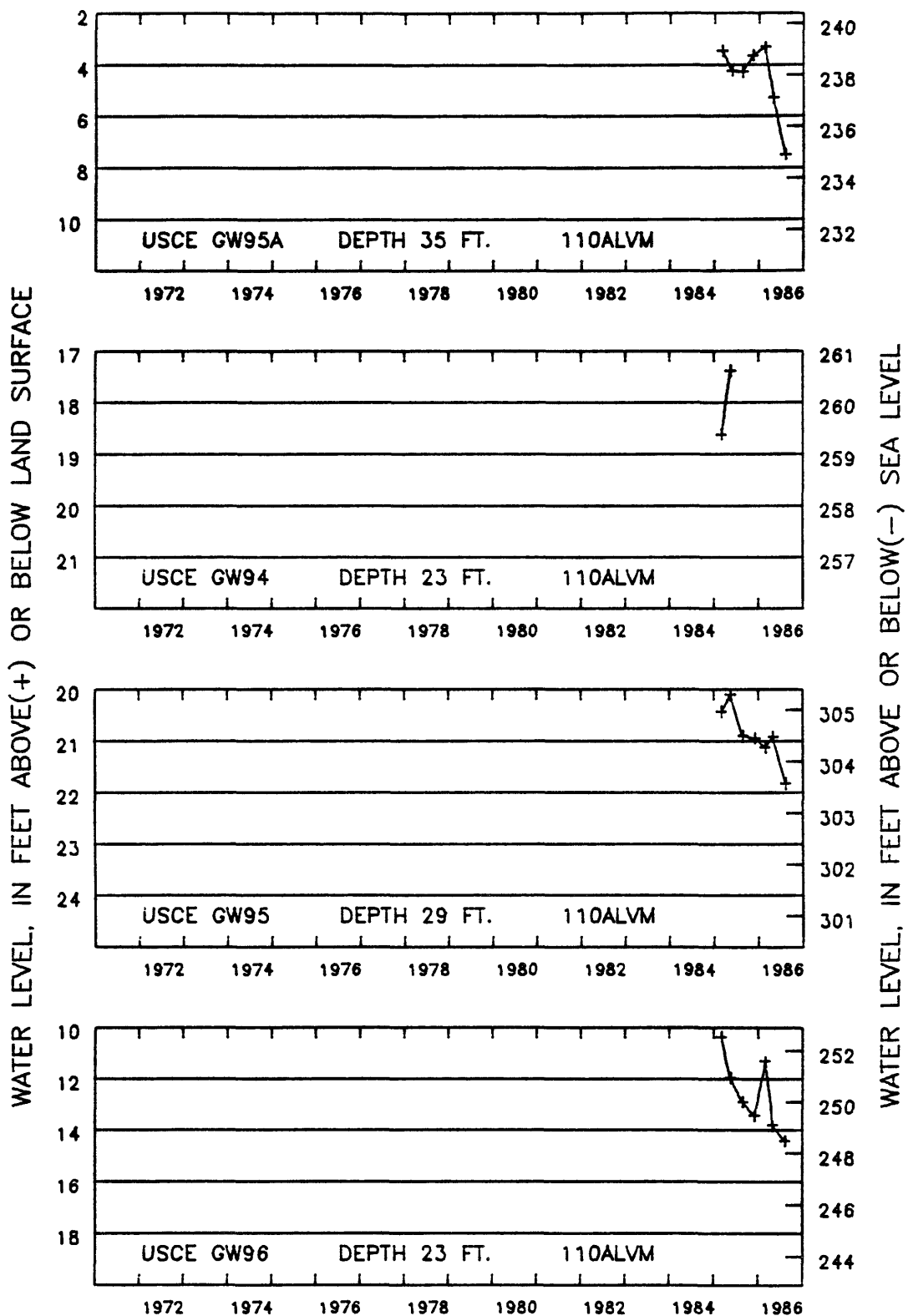
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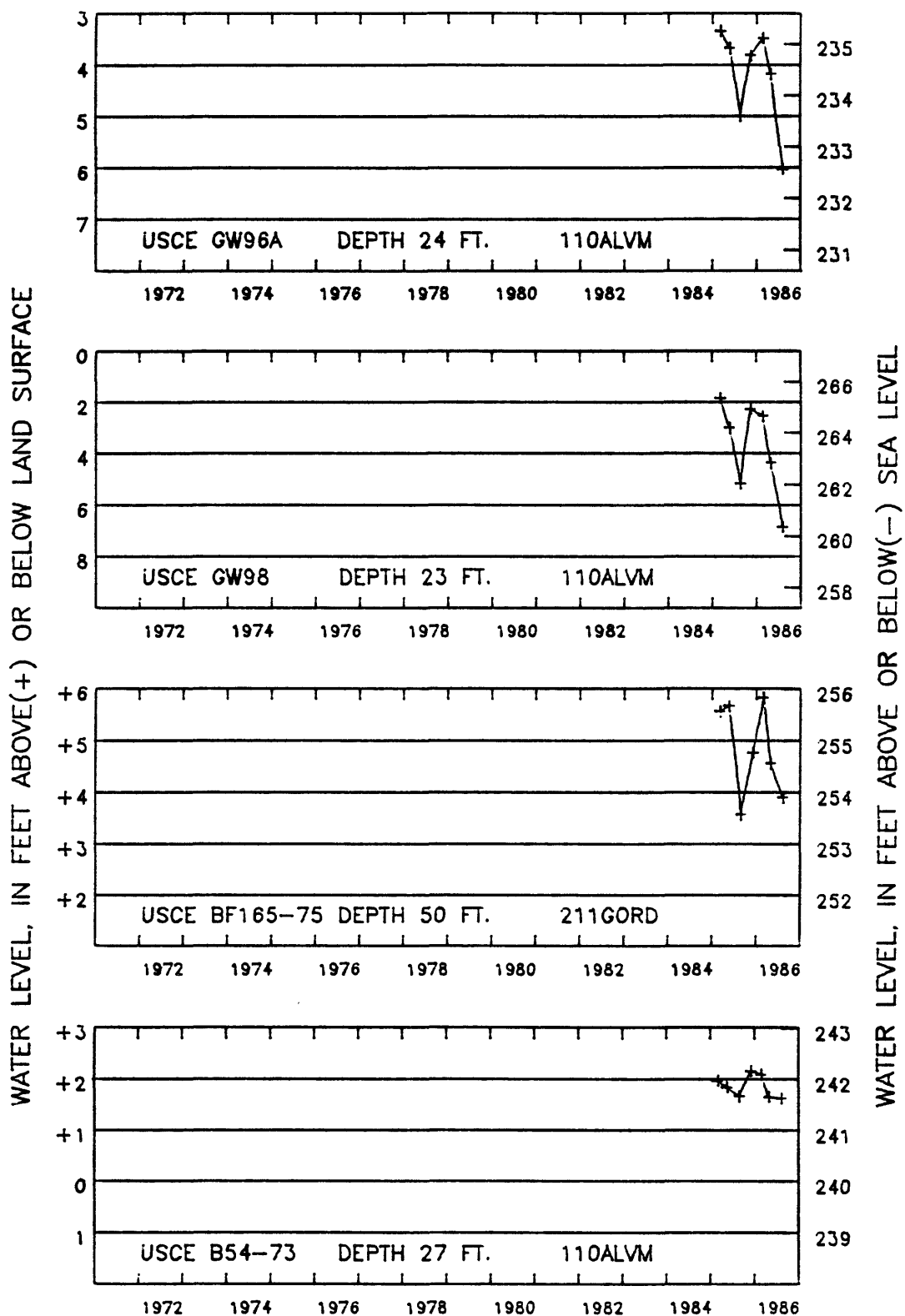
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HYDROGRAPHS OF TENNESSEE-TOMBIGBEE OBSERVATION WELLS

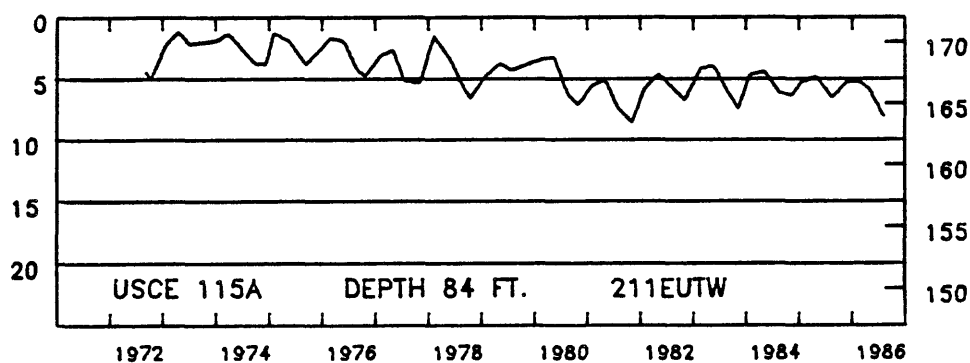
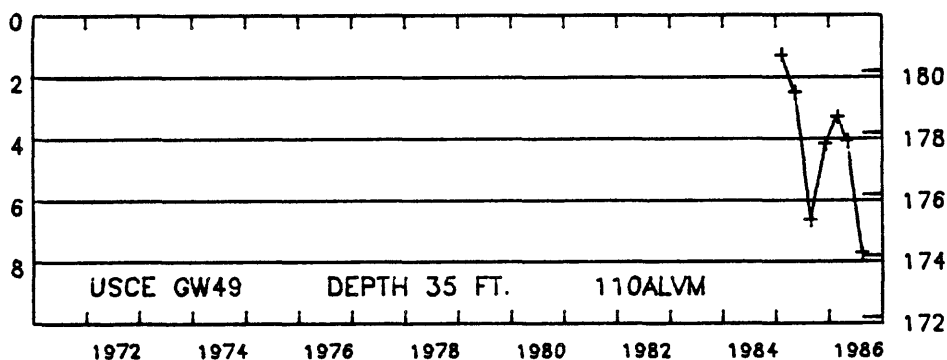
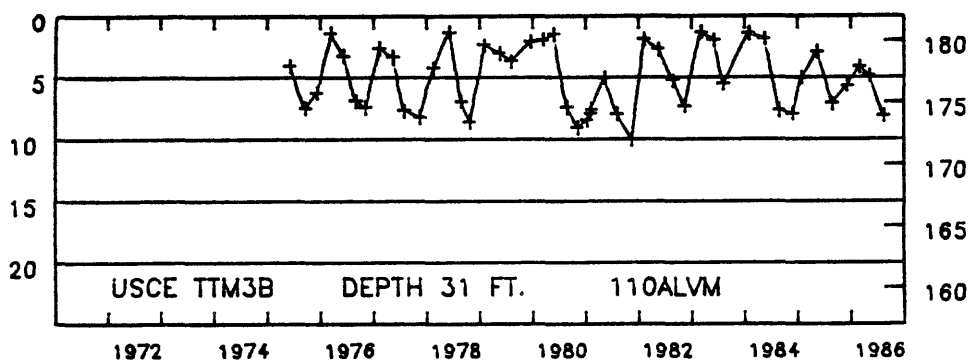
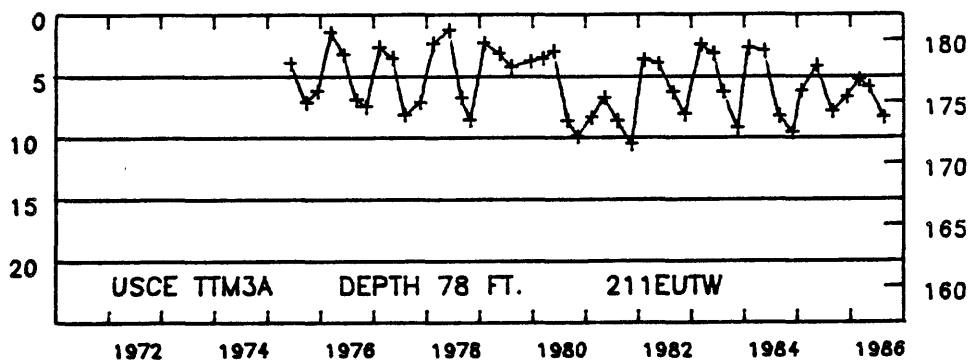


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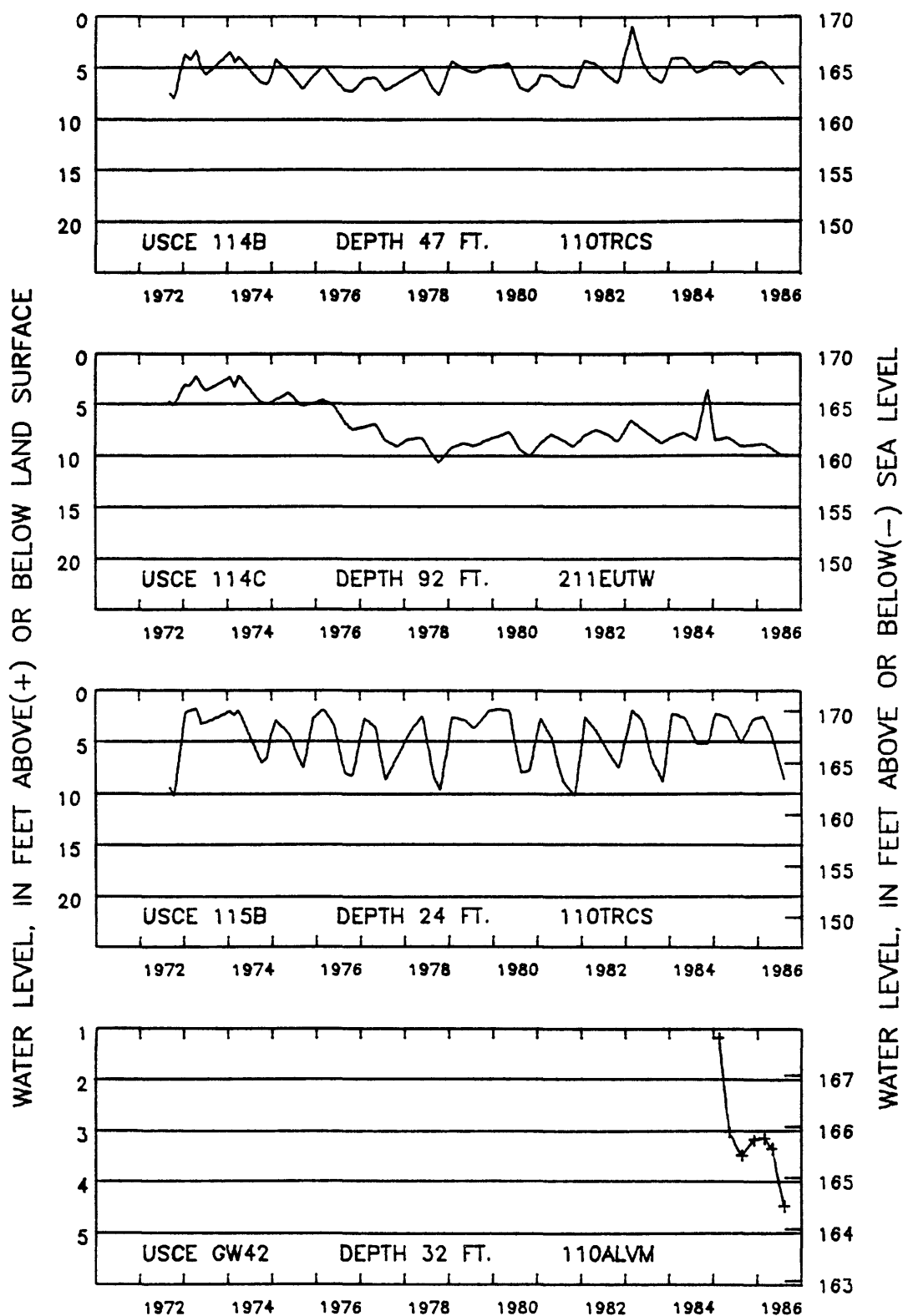
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WATER LEVEL, IN FEET ABOVE(+) OR BELOW LAND SURFACE

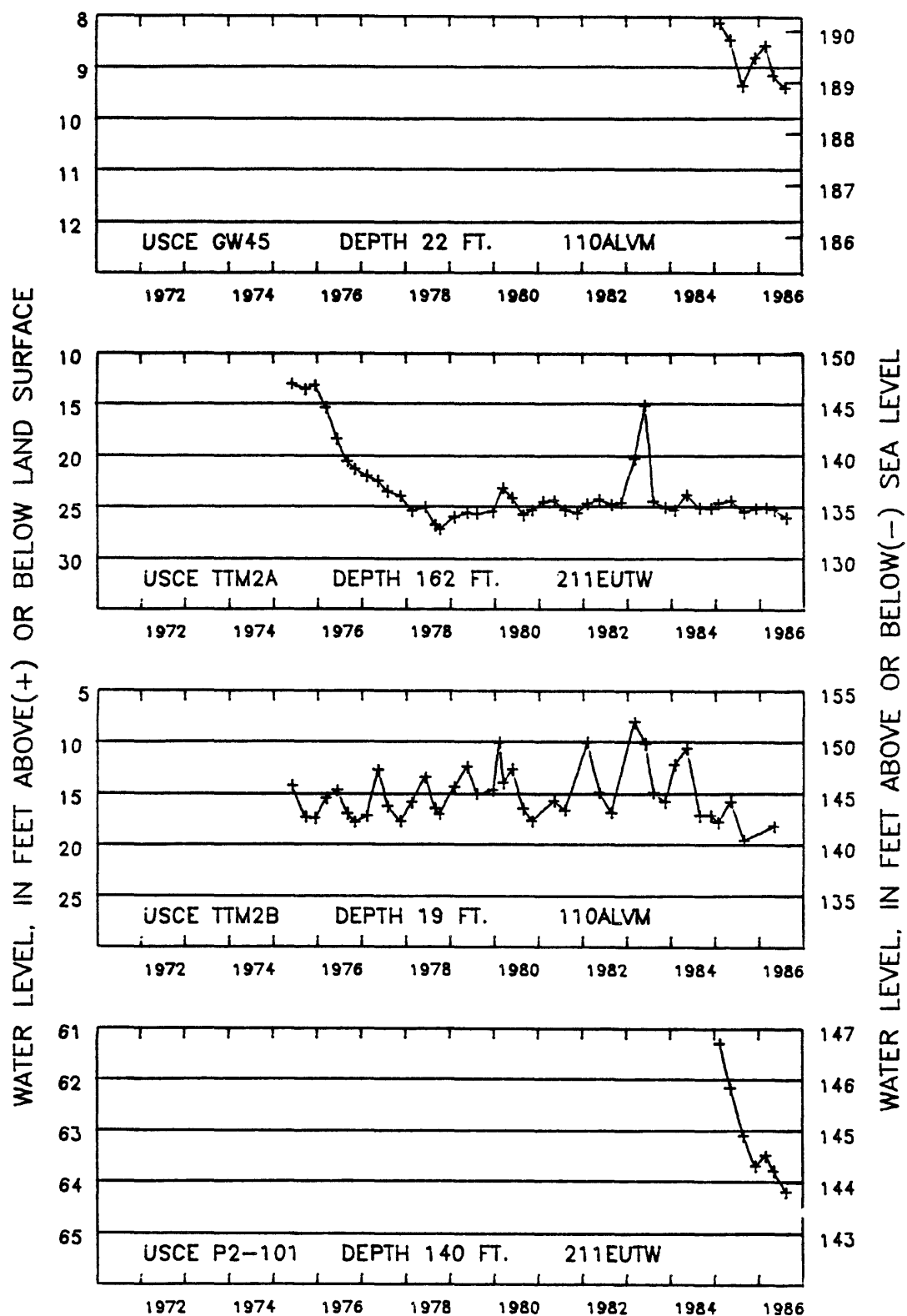


WATER LEVEL, IN FEET ABOVE OR BELOW(-) SEA LEVEL

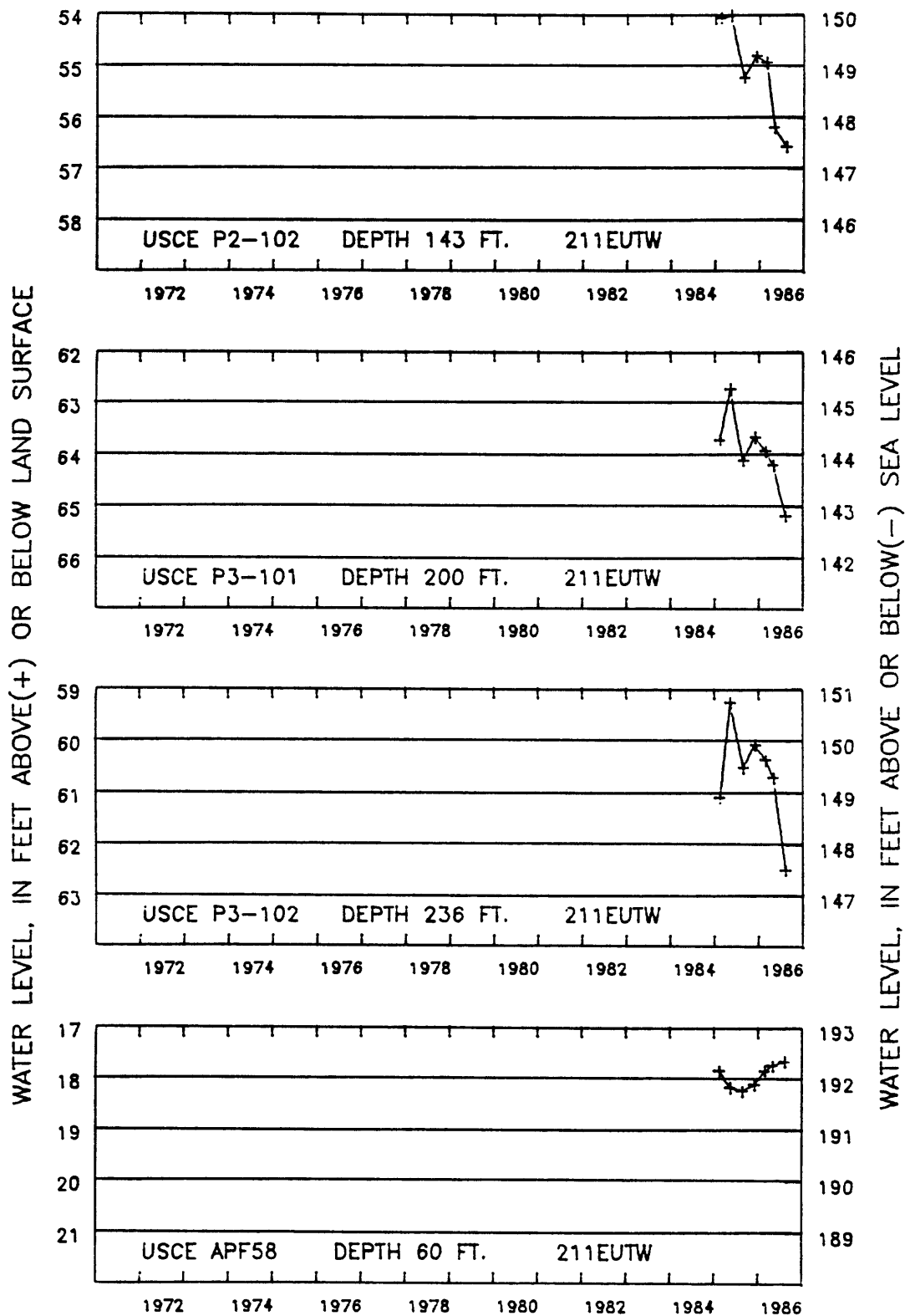
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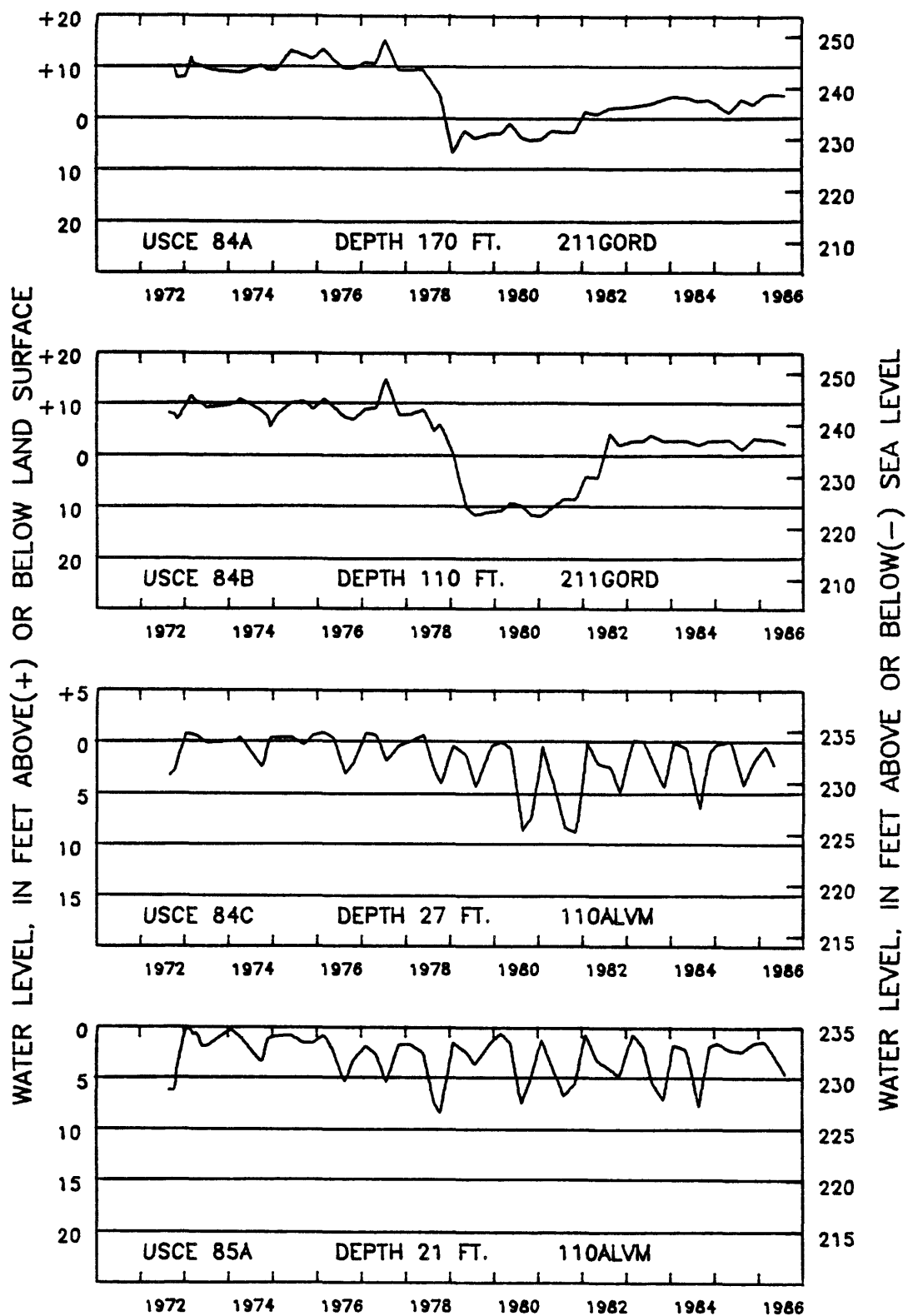
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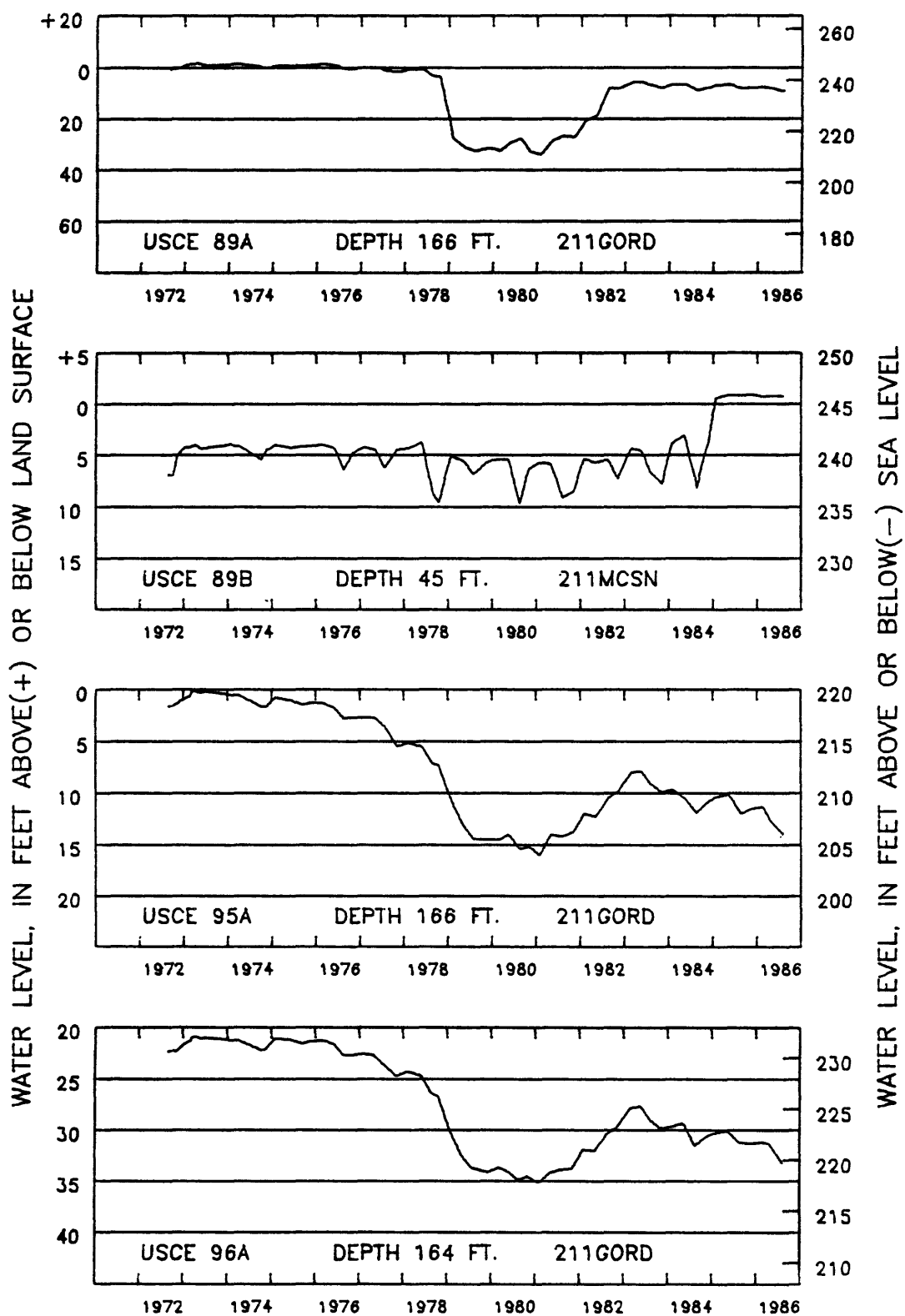
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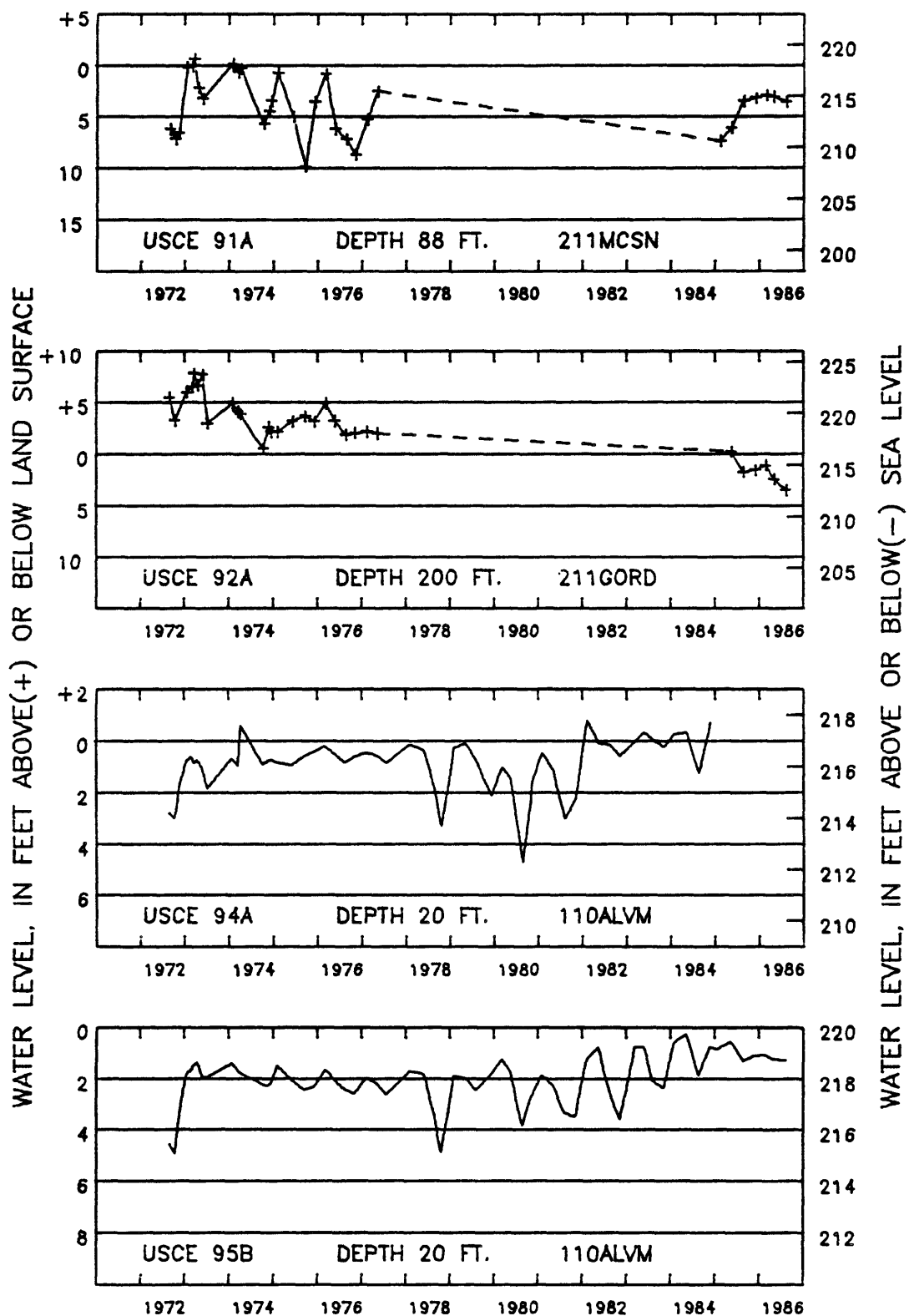
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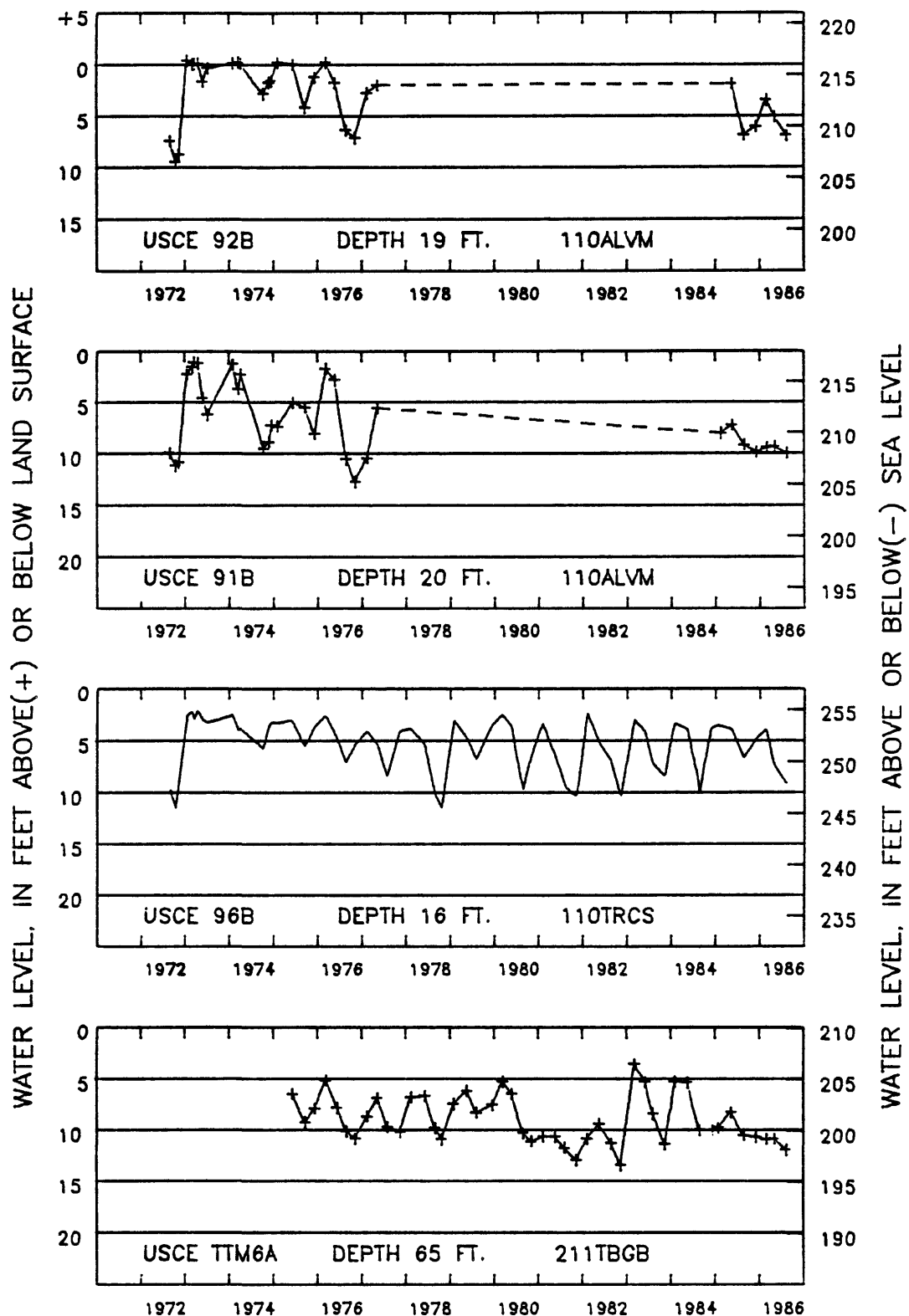
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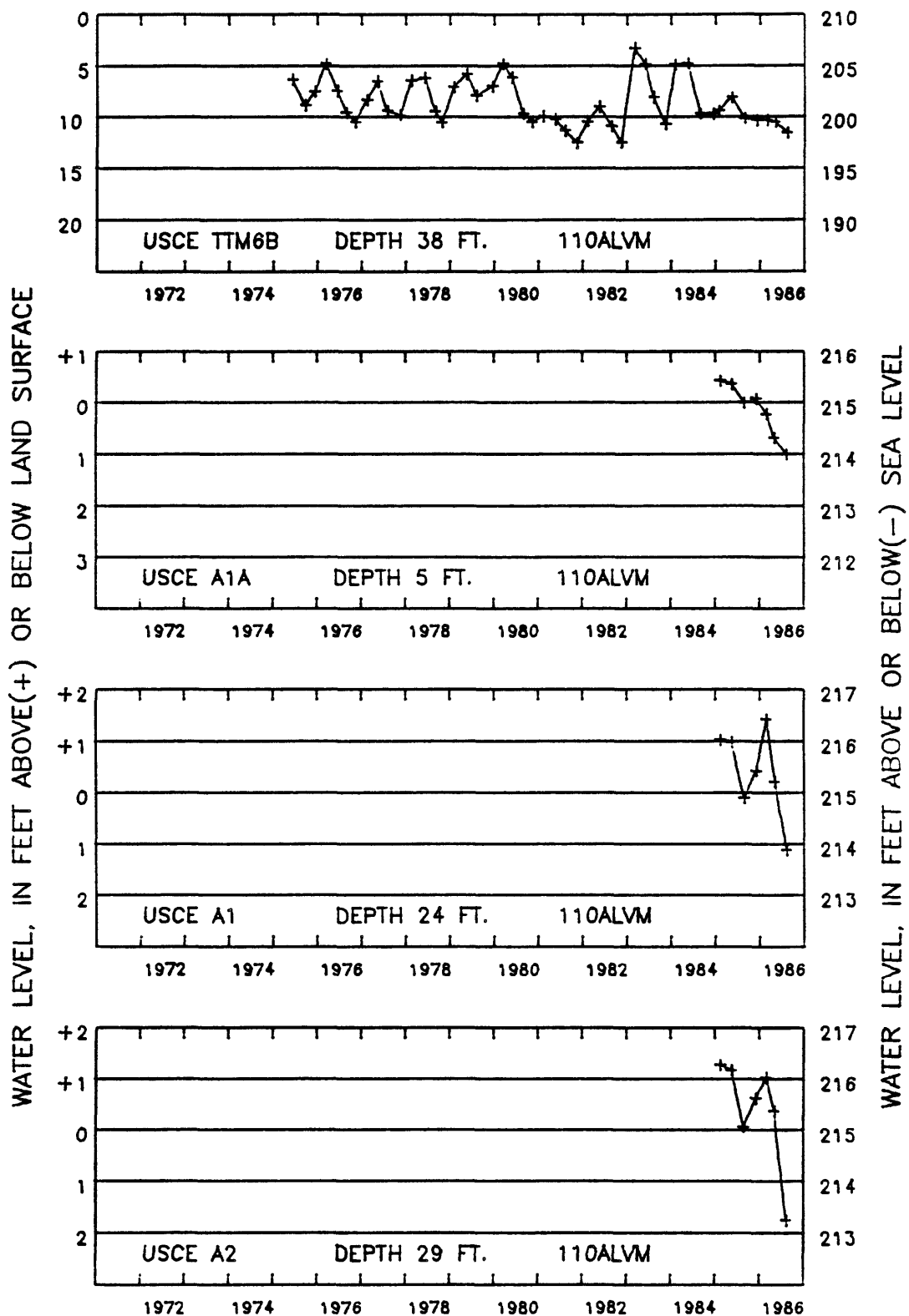
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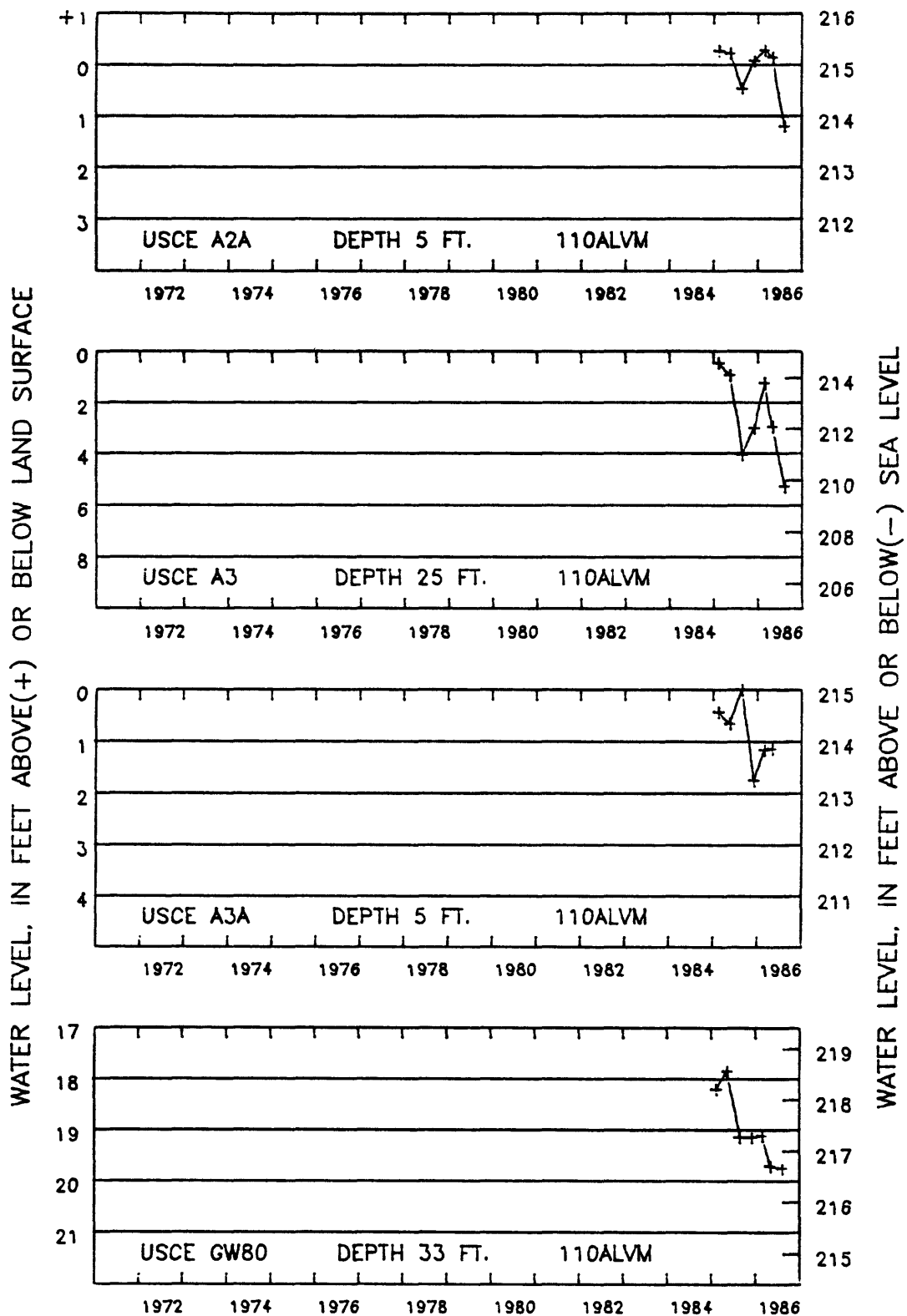
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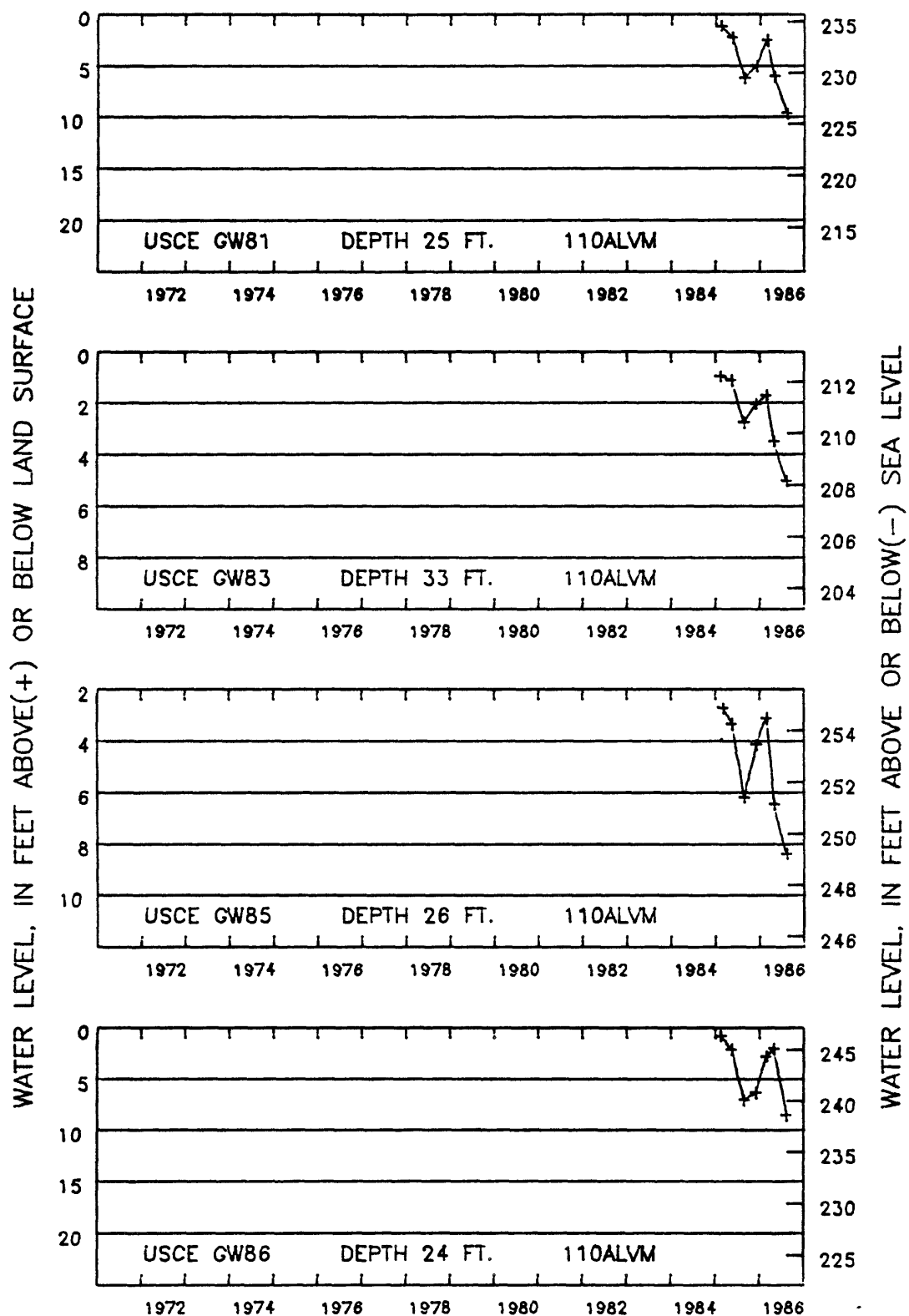
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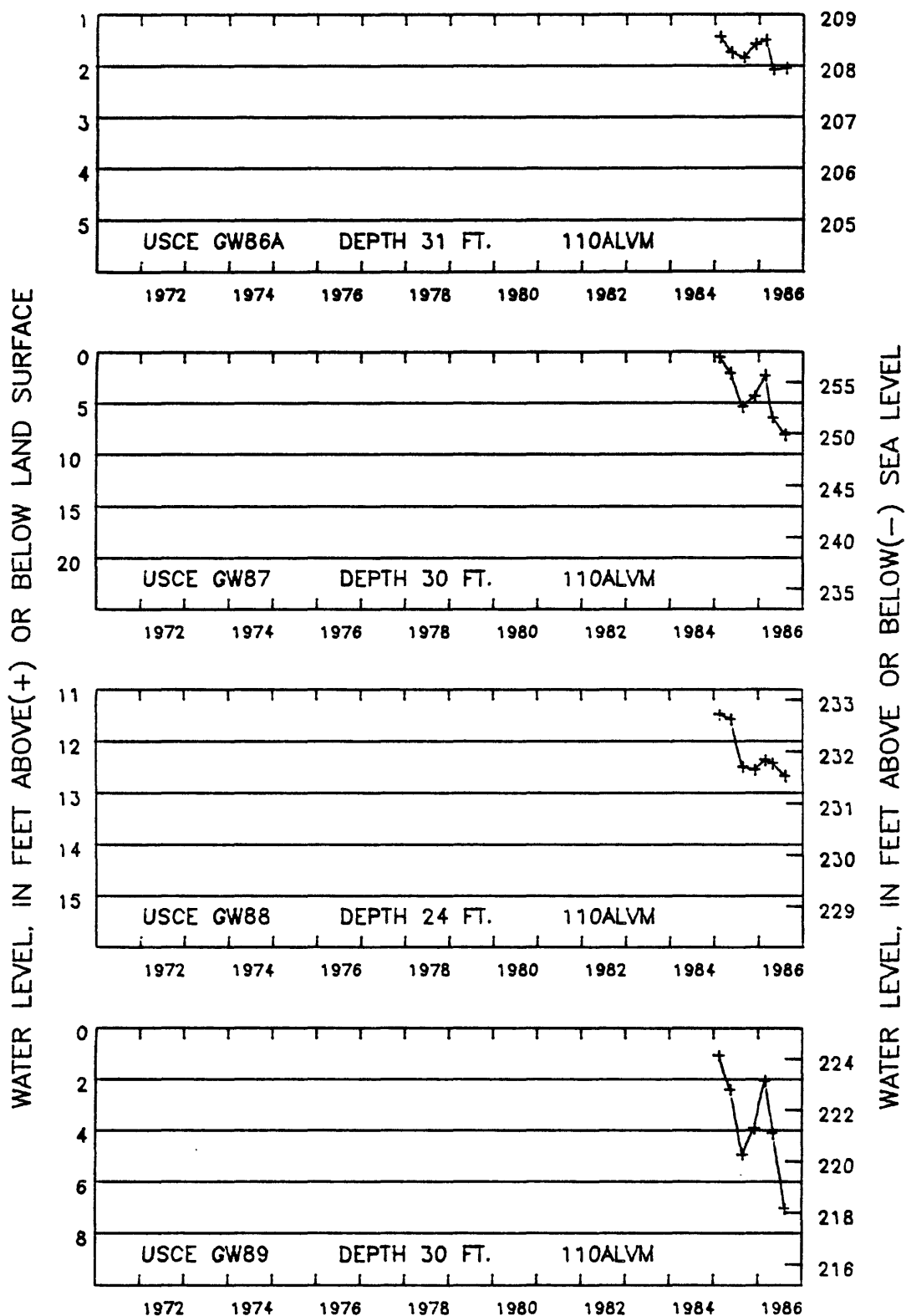
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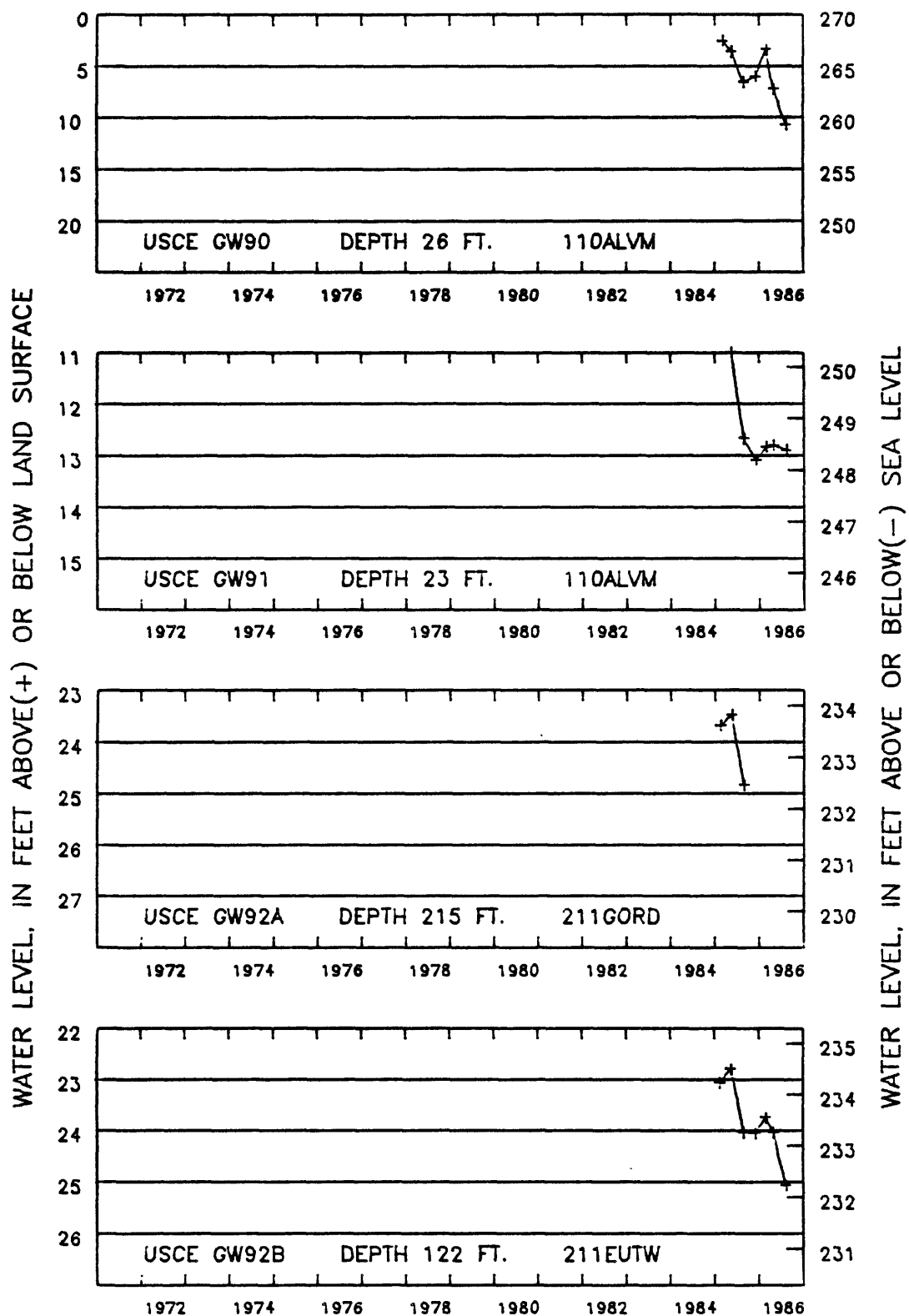
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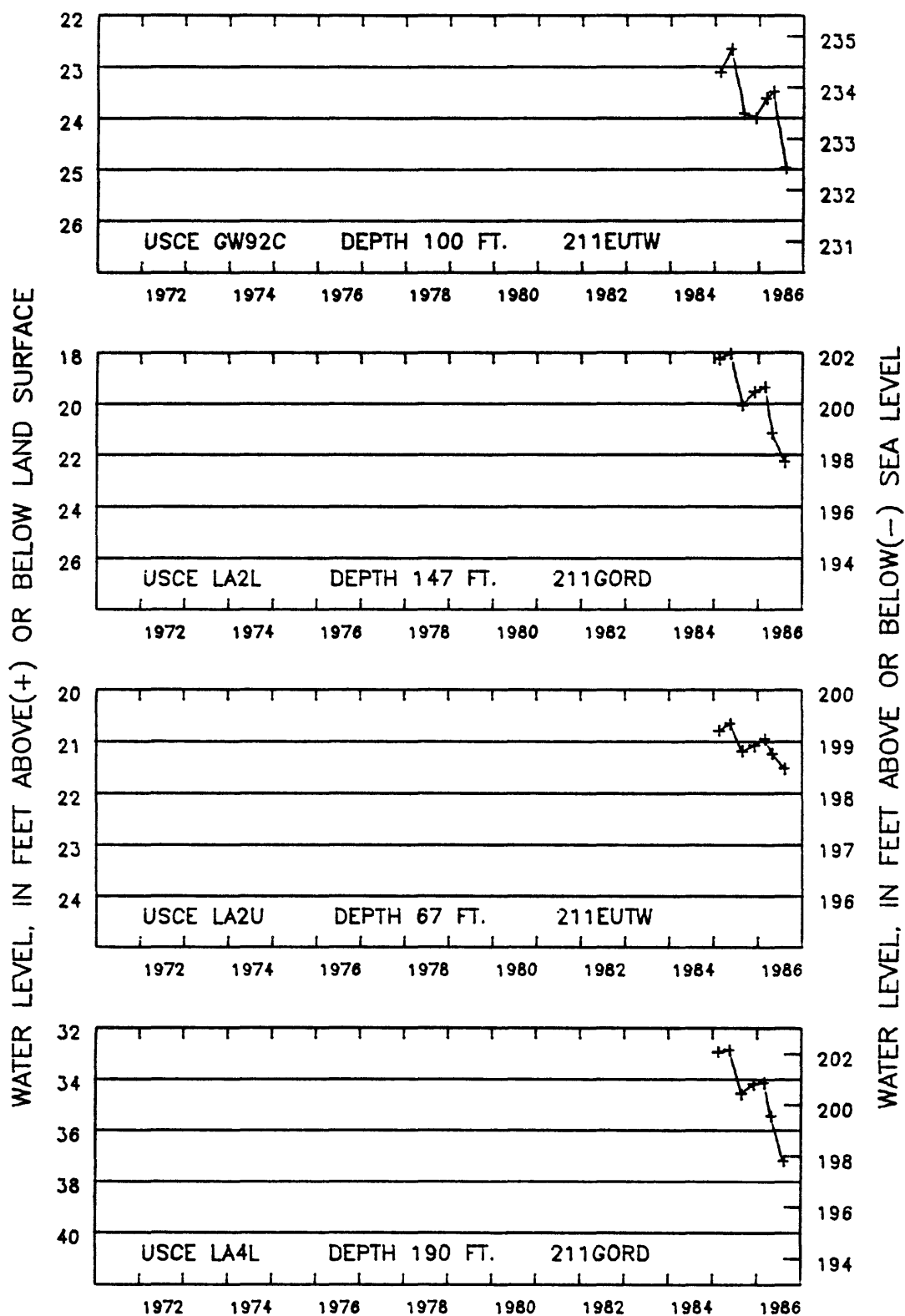
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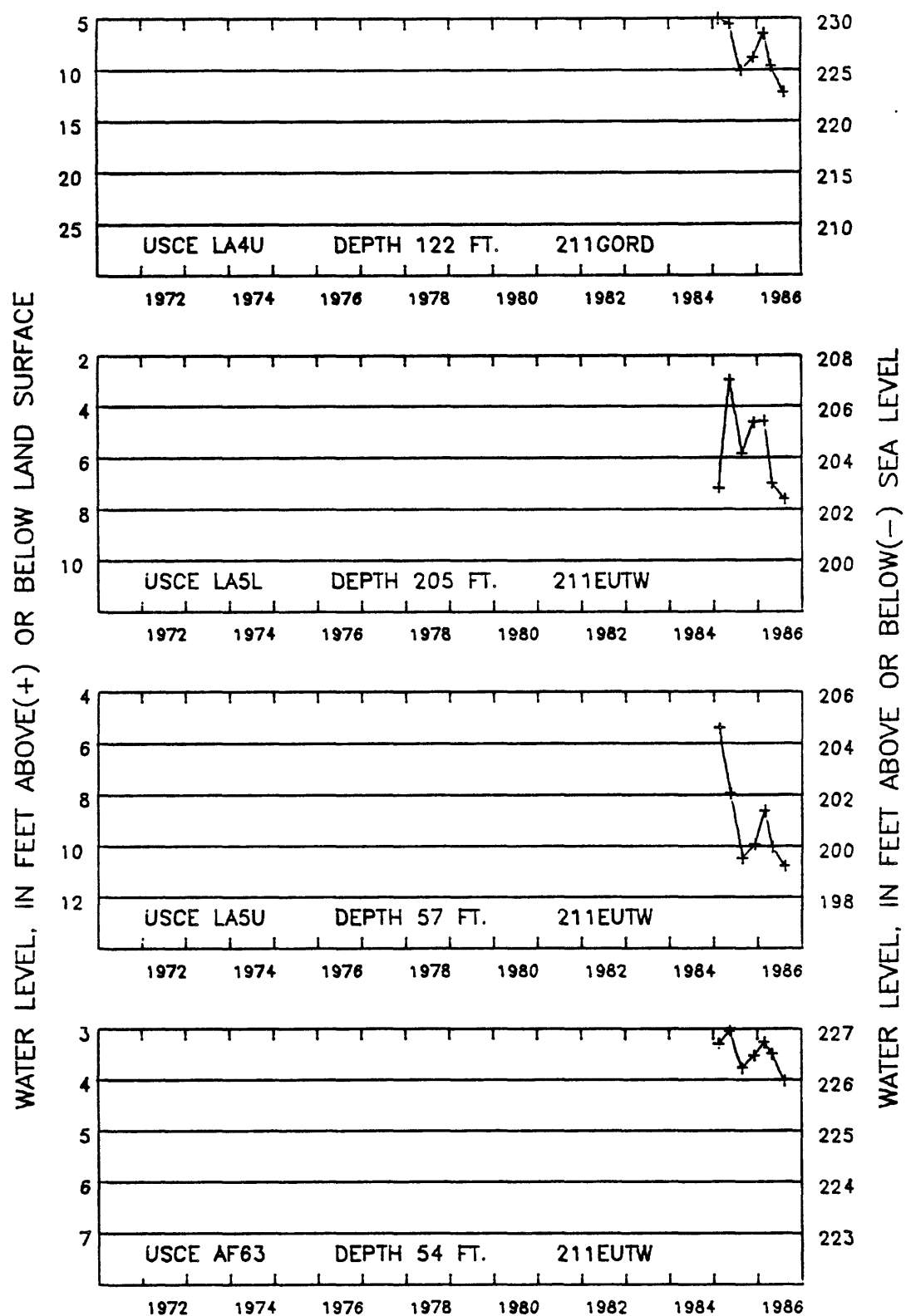
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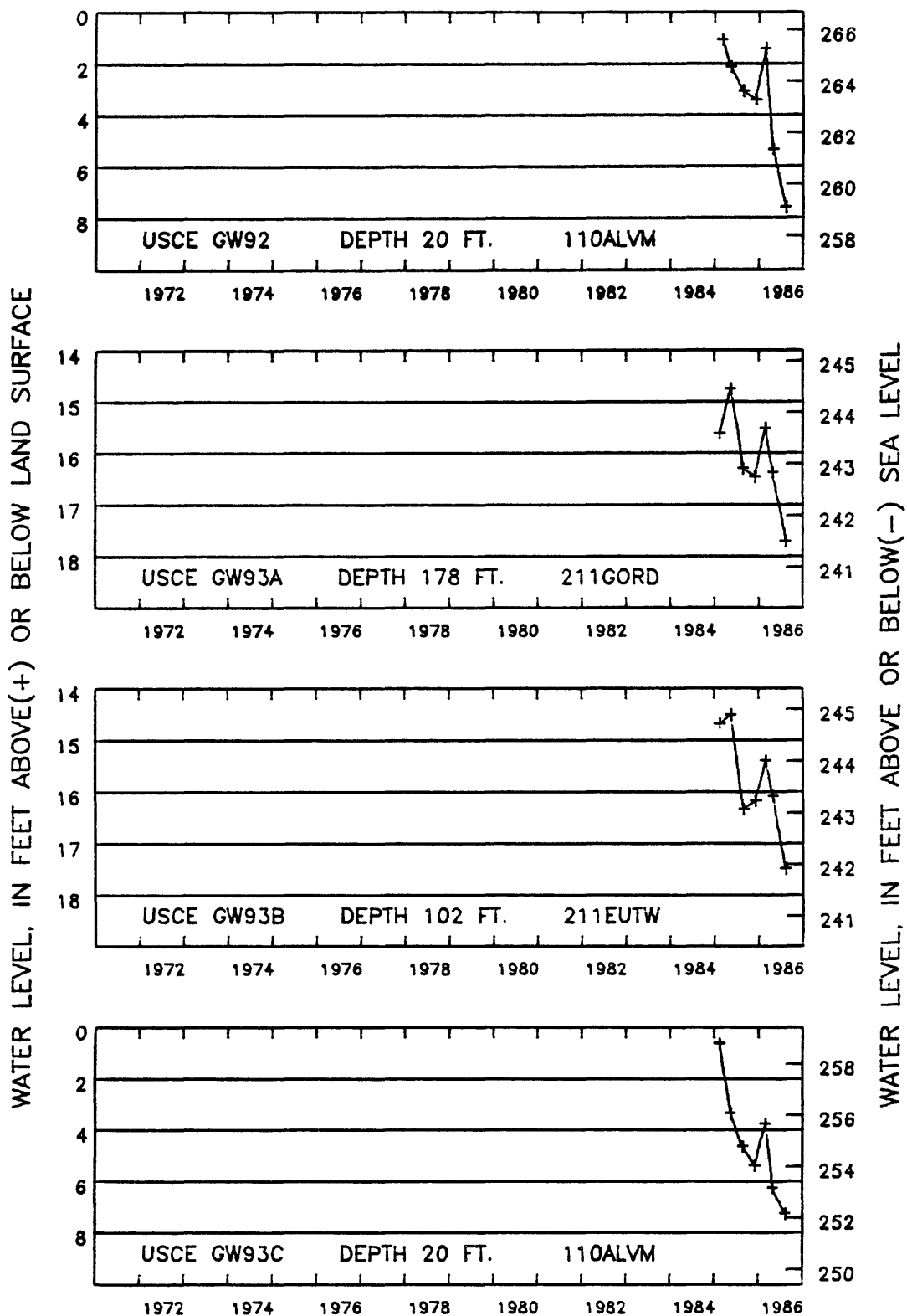
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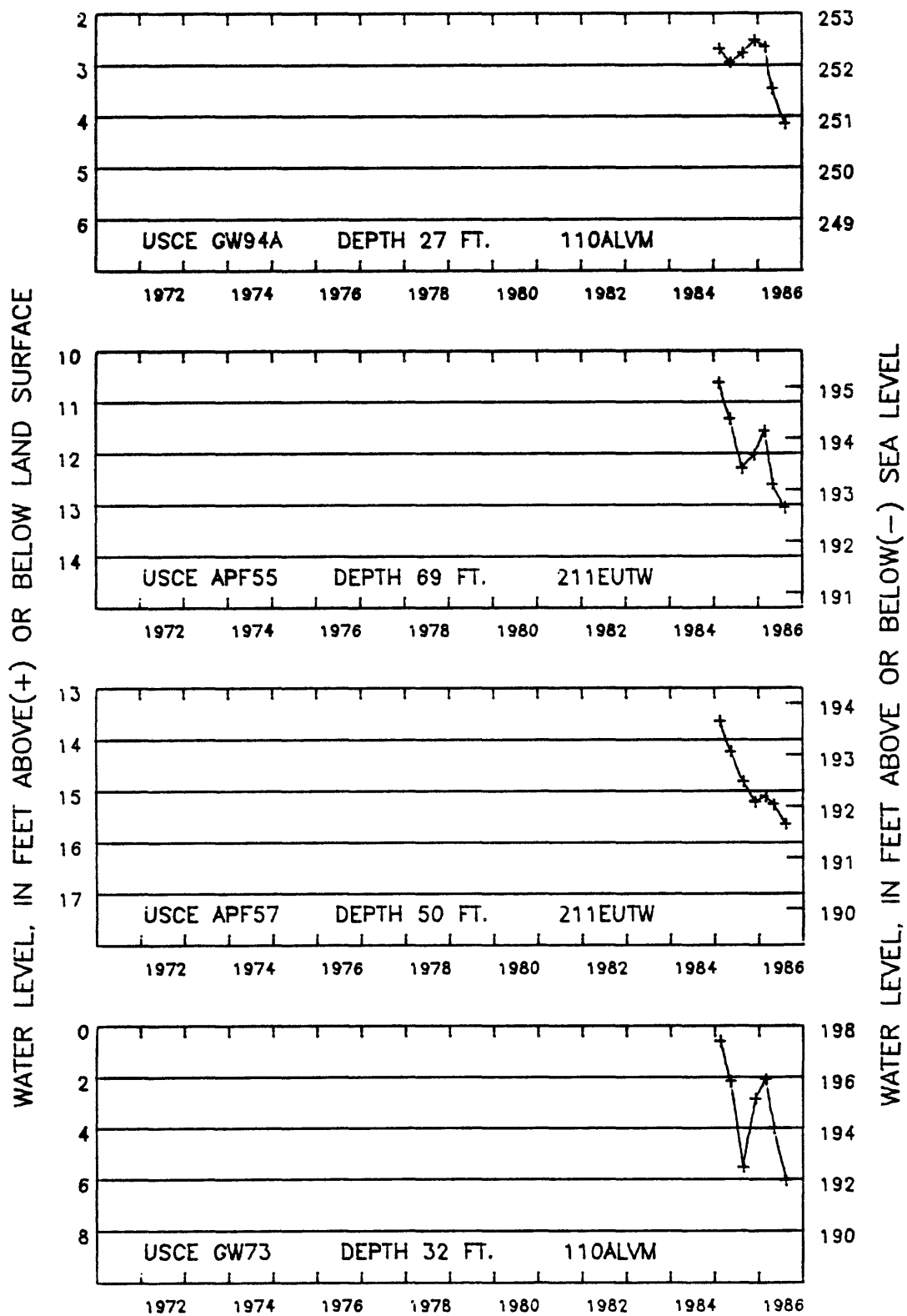
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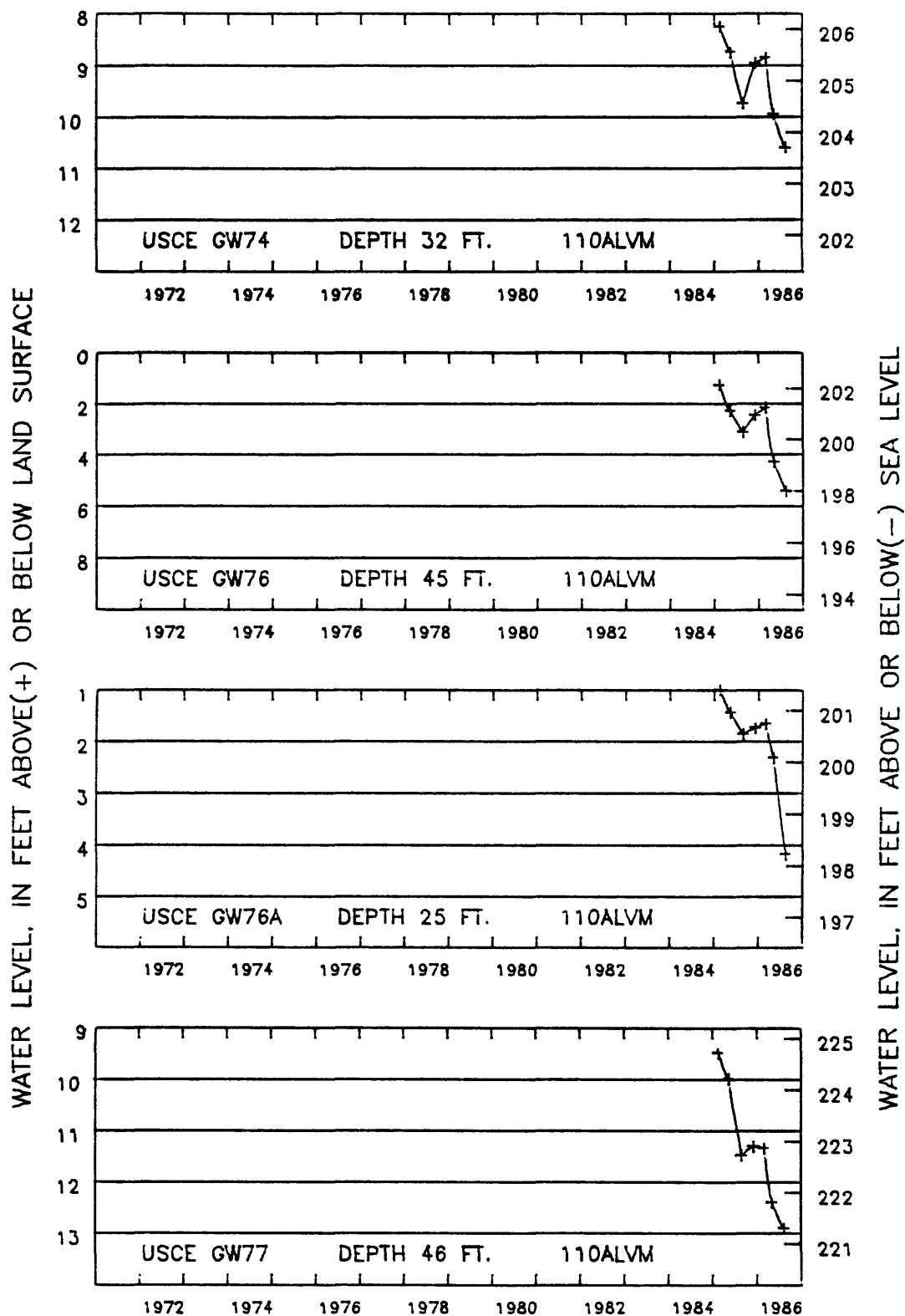
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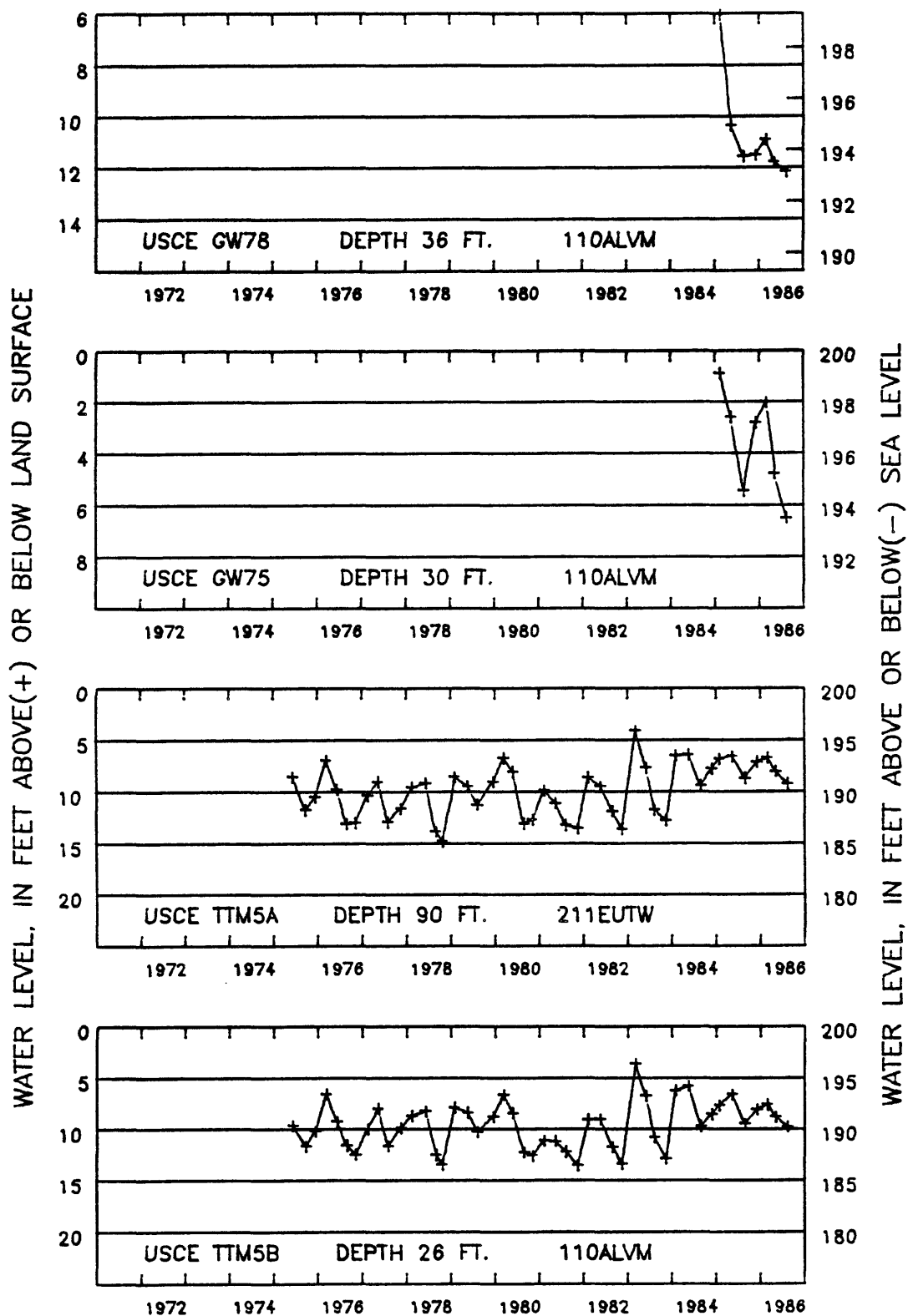
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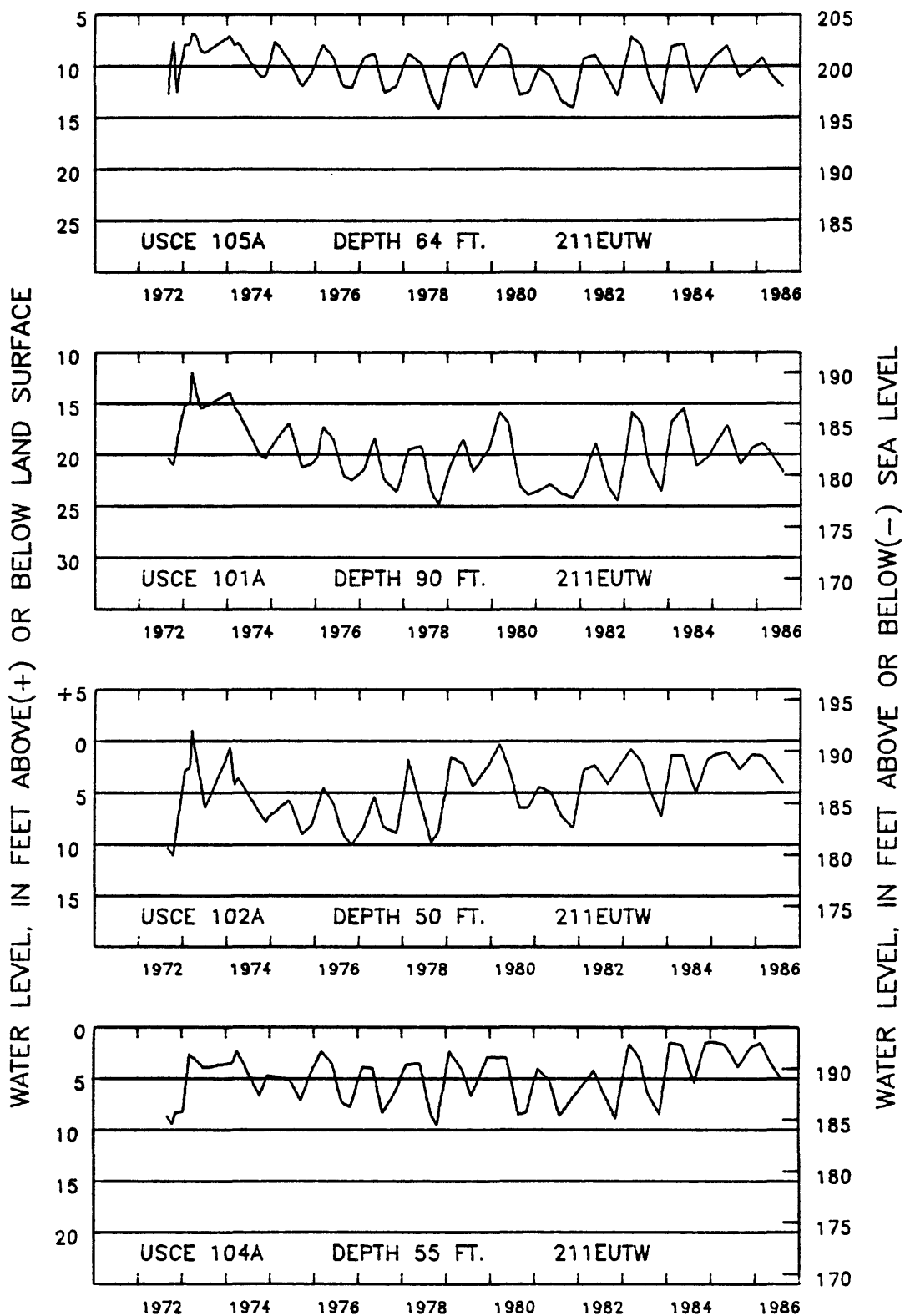
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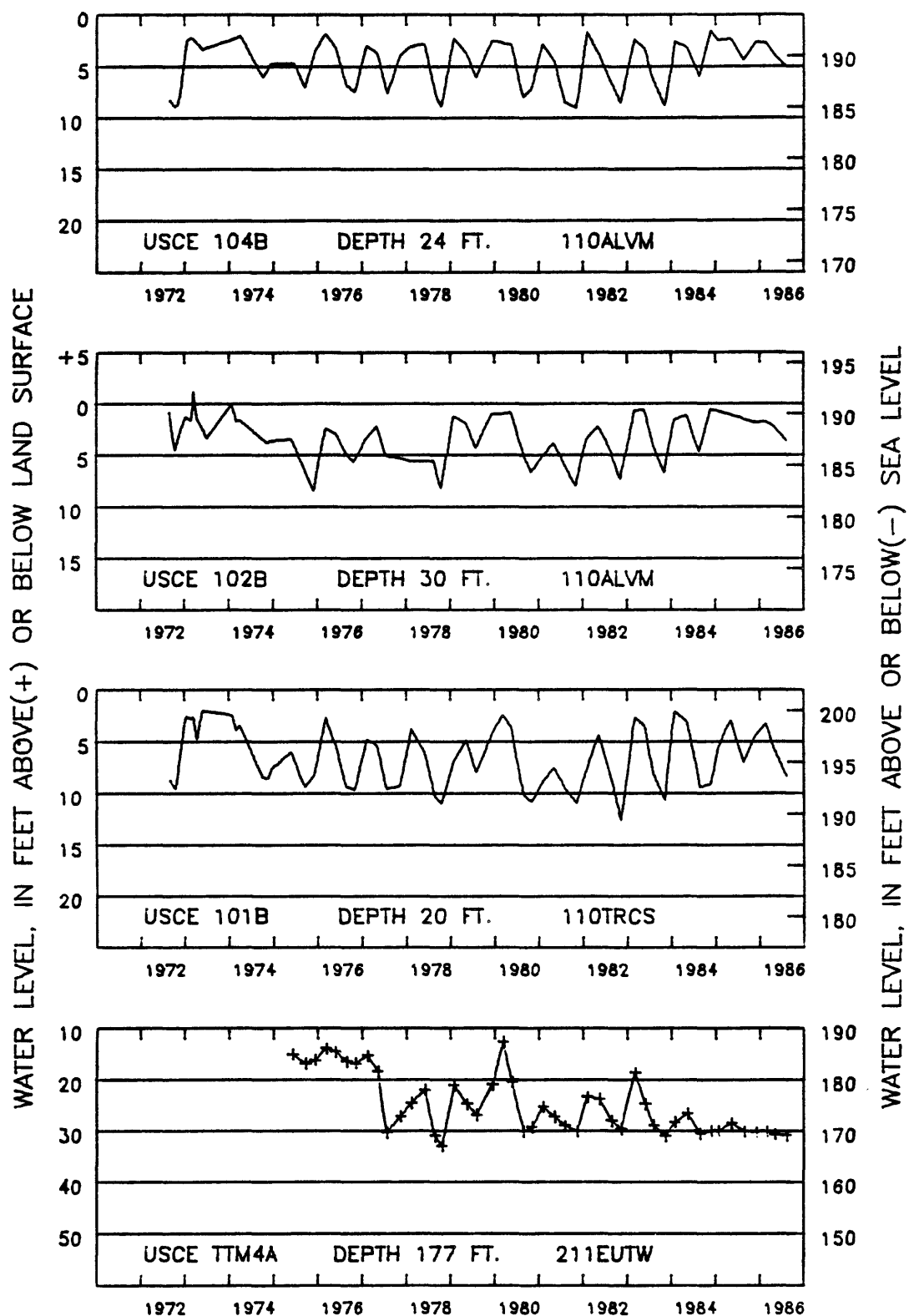
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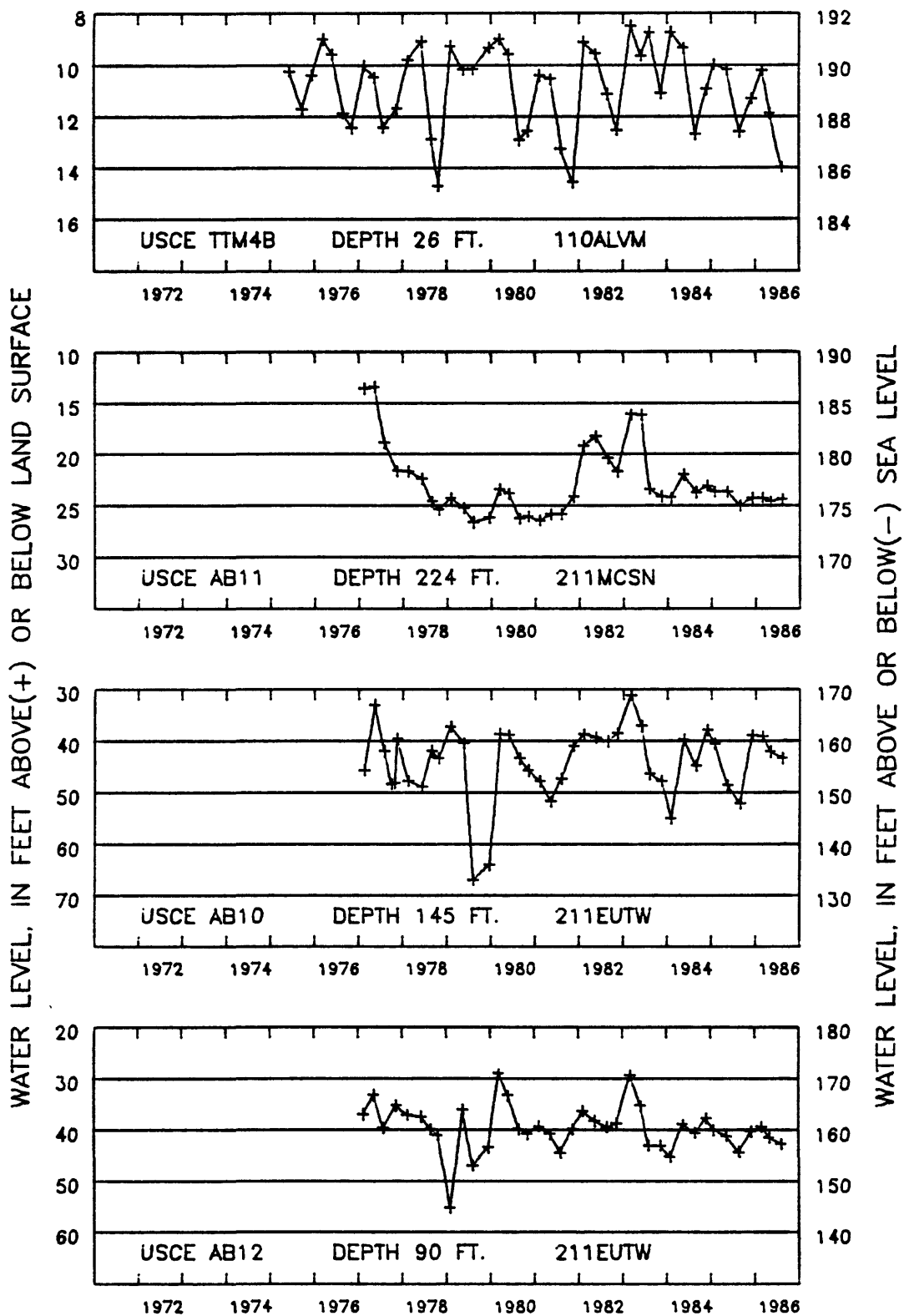
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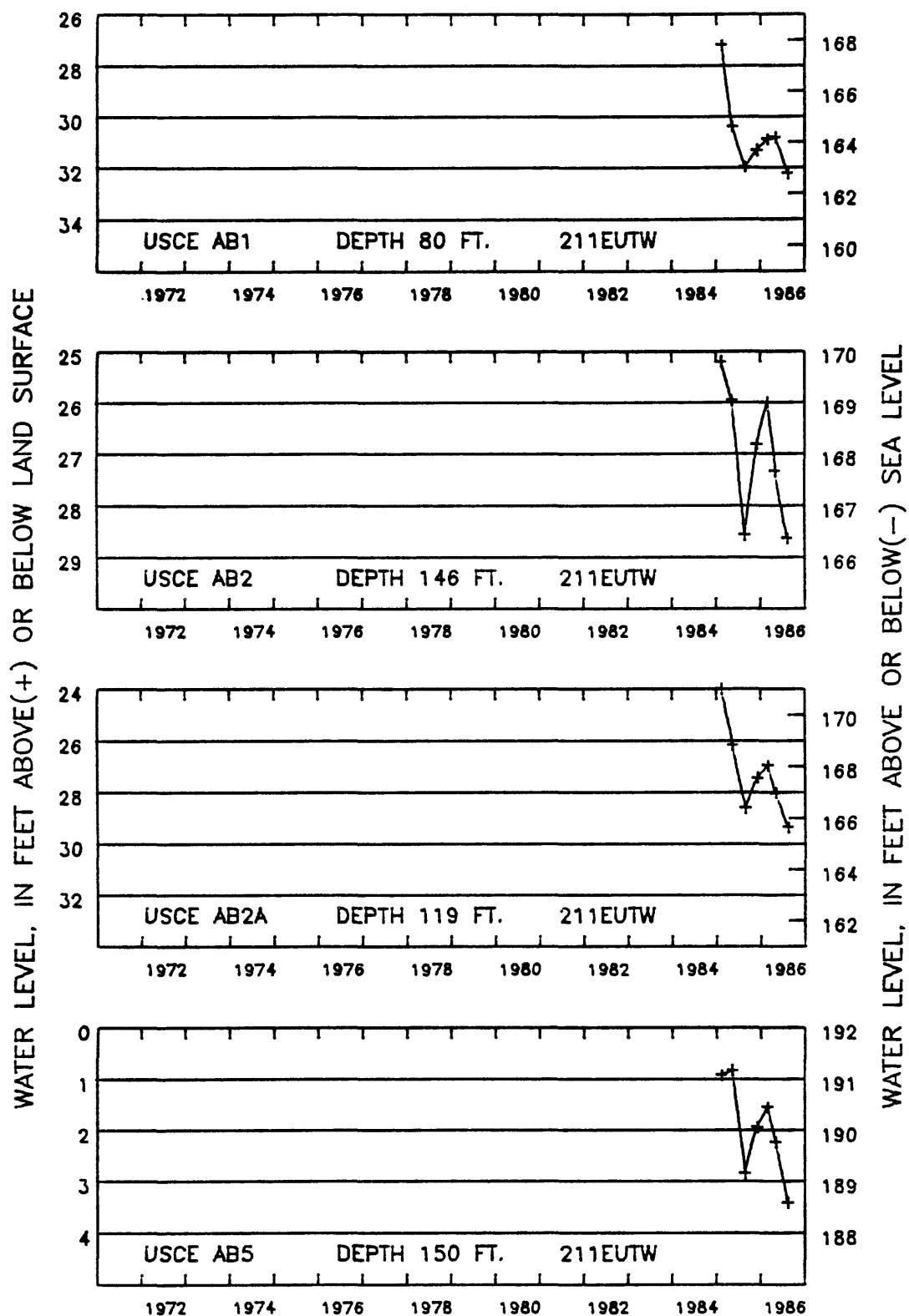
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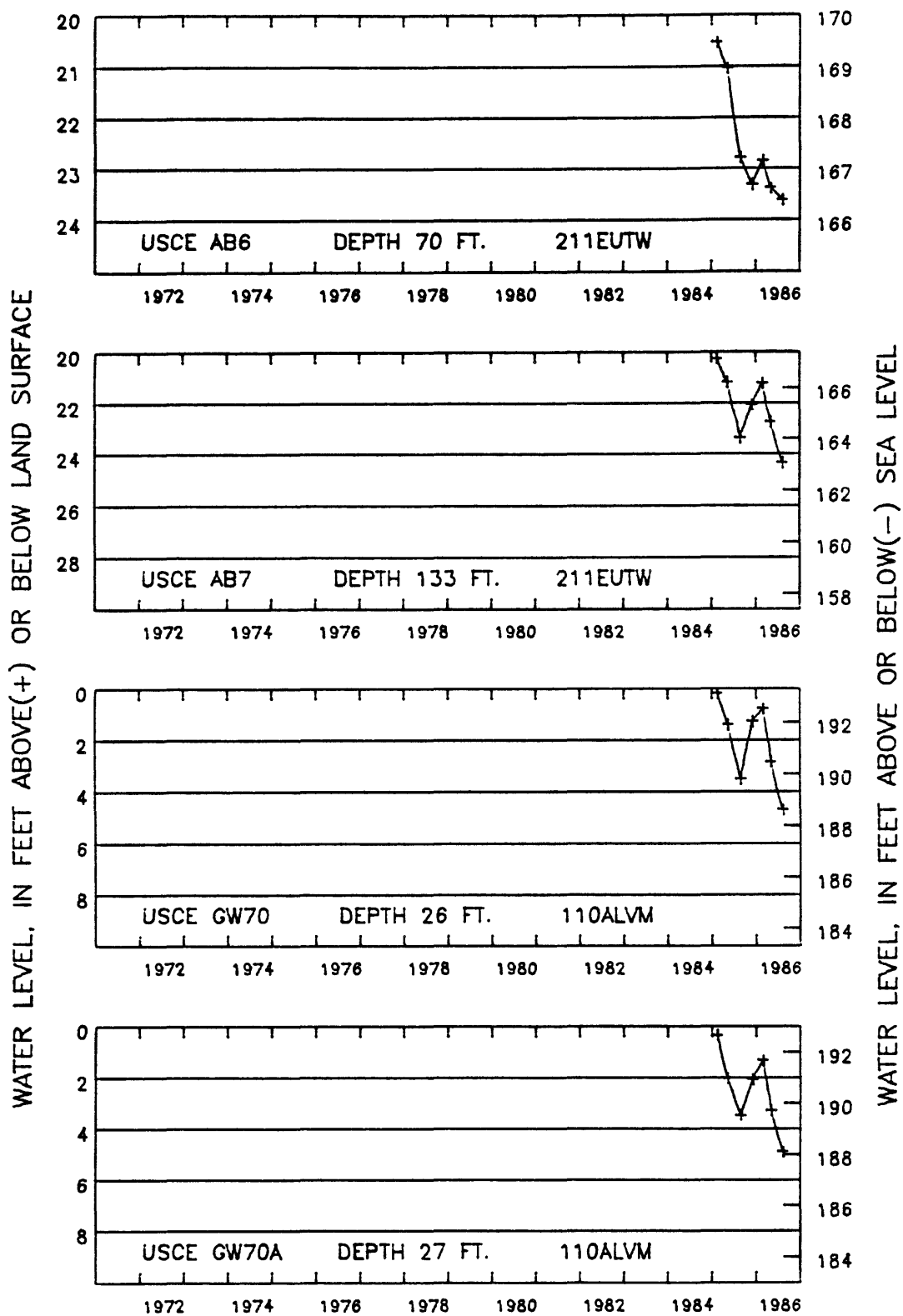
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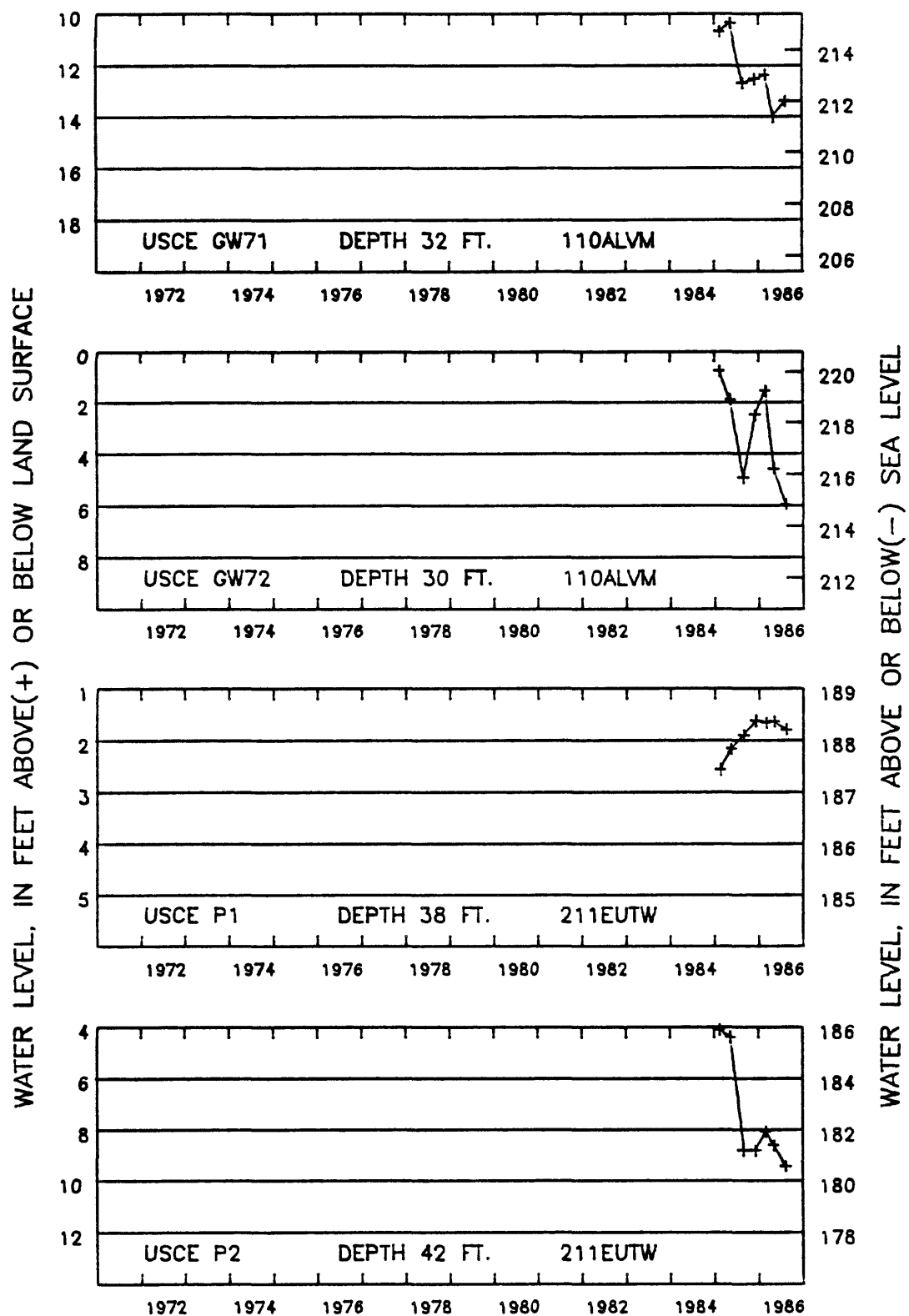
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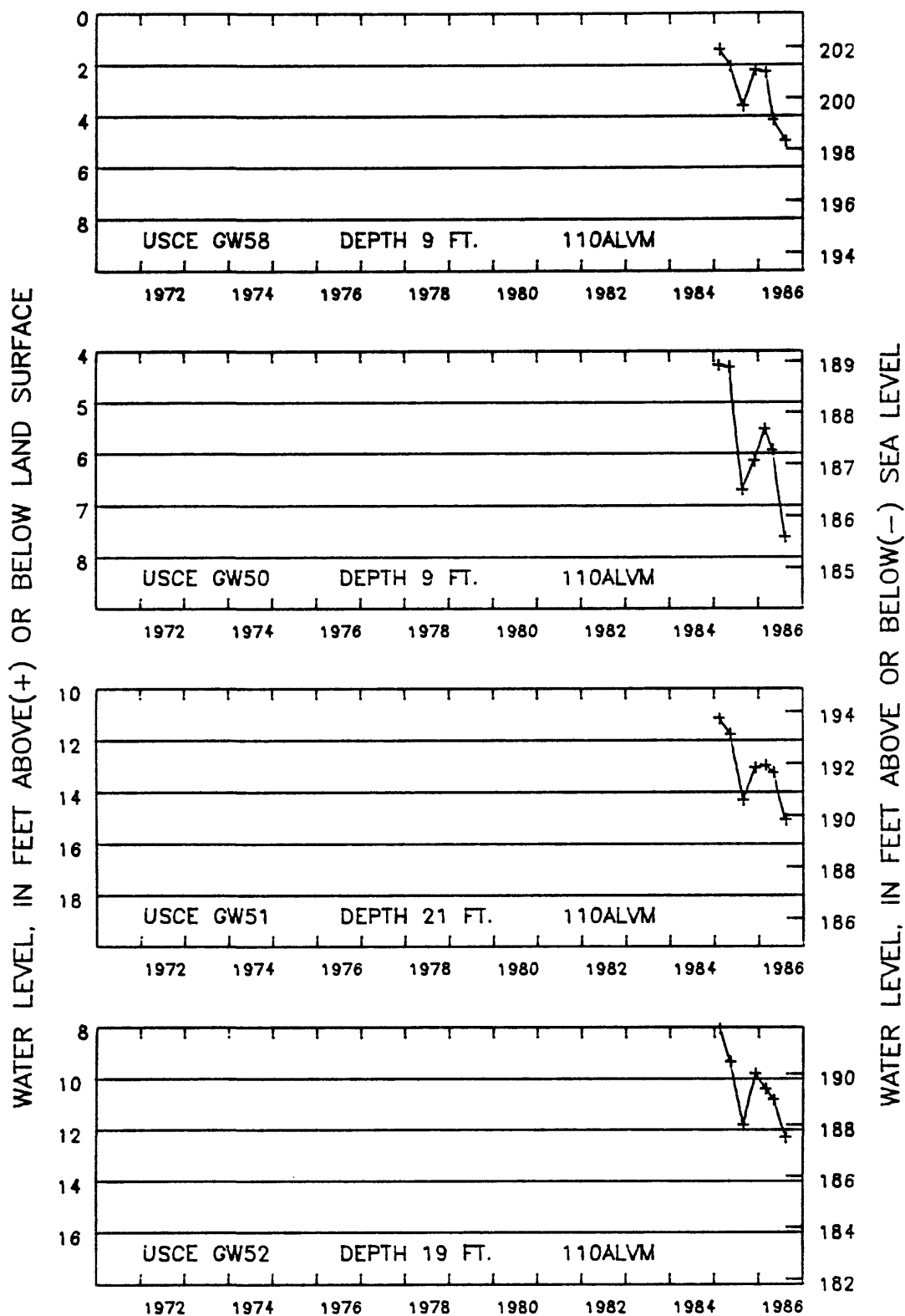
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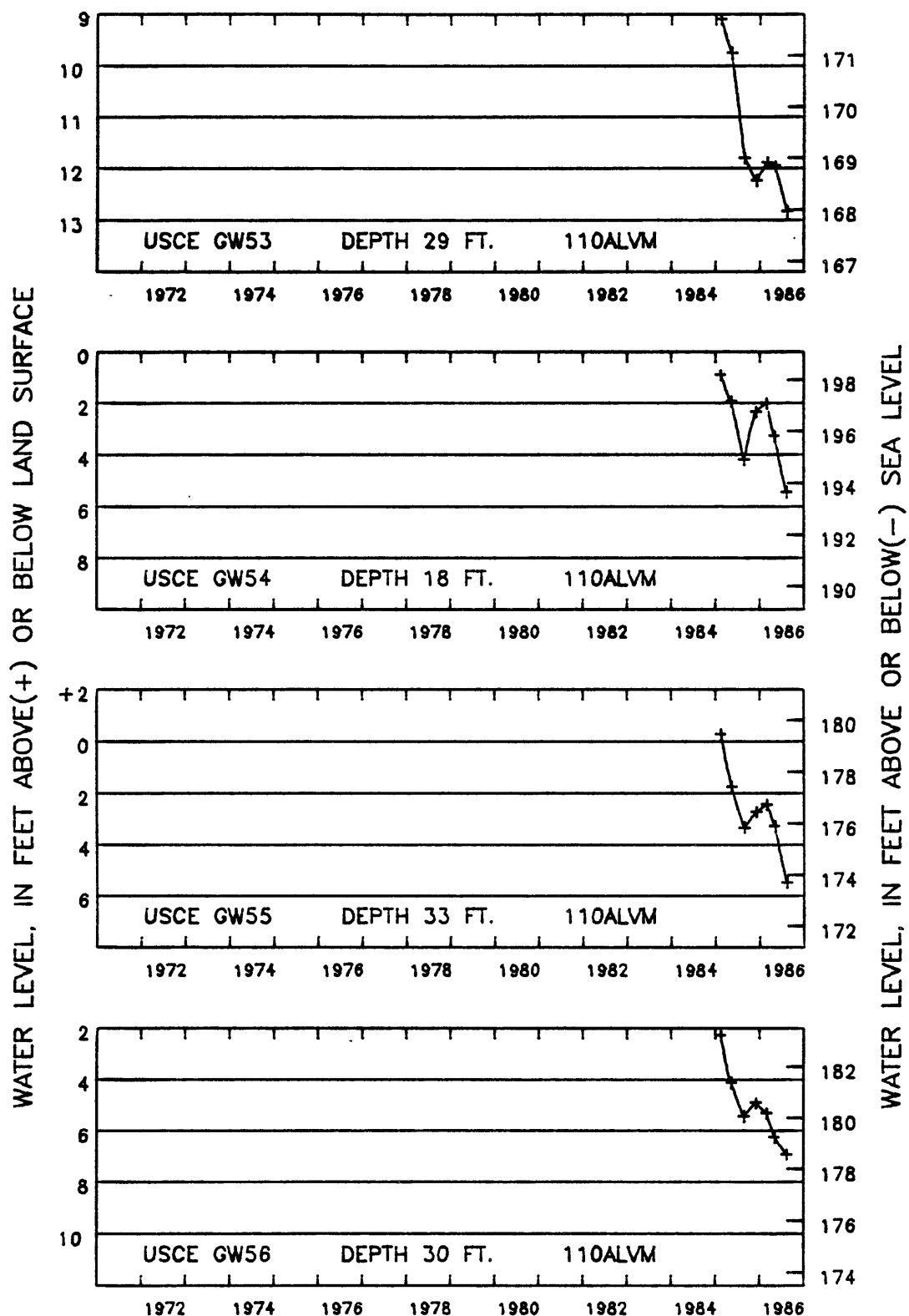
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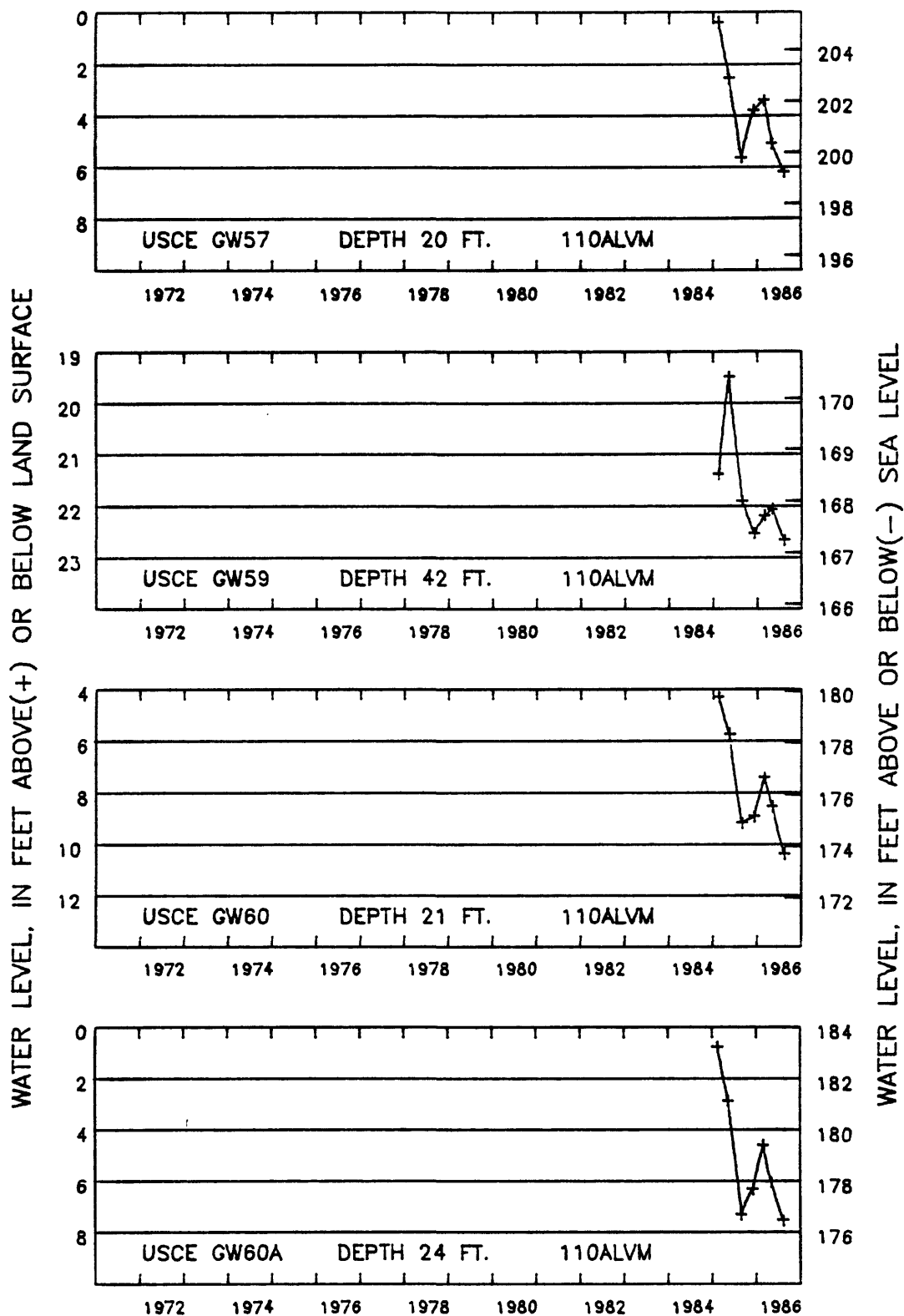
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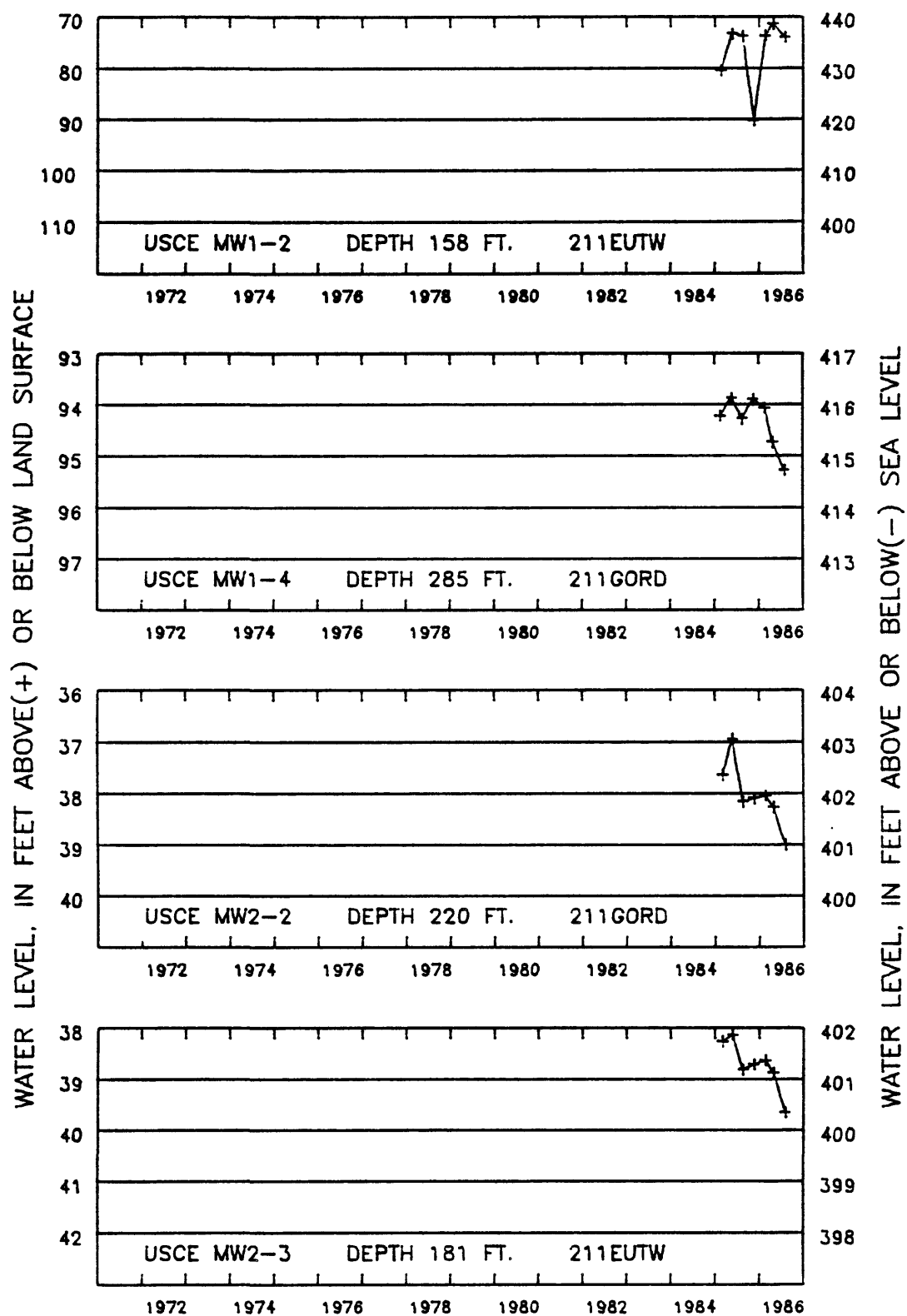
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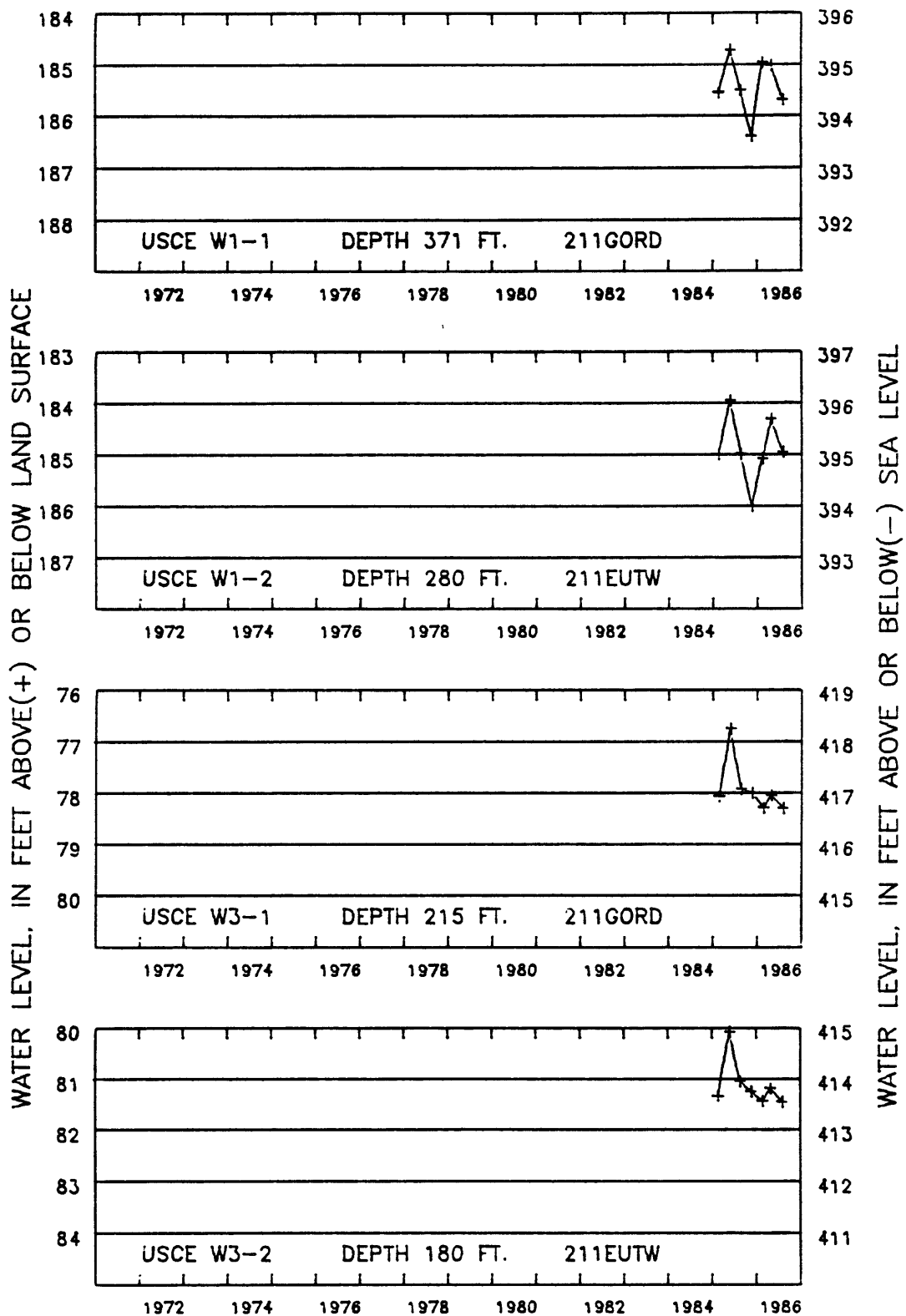
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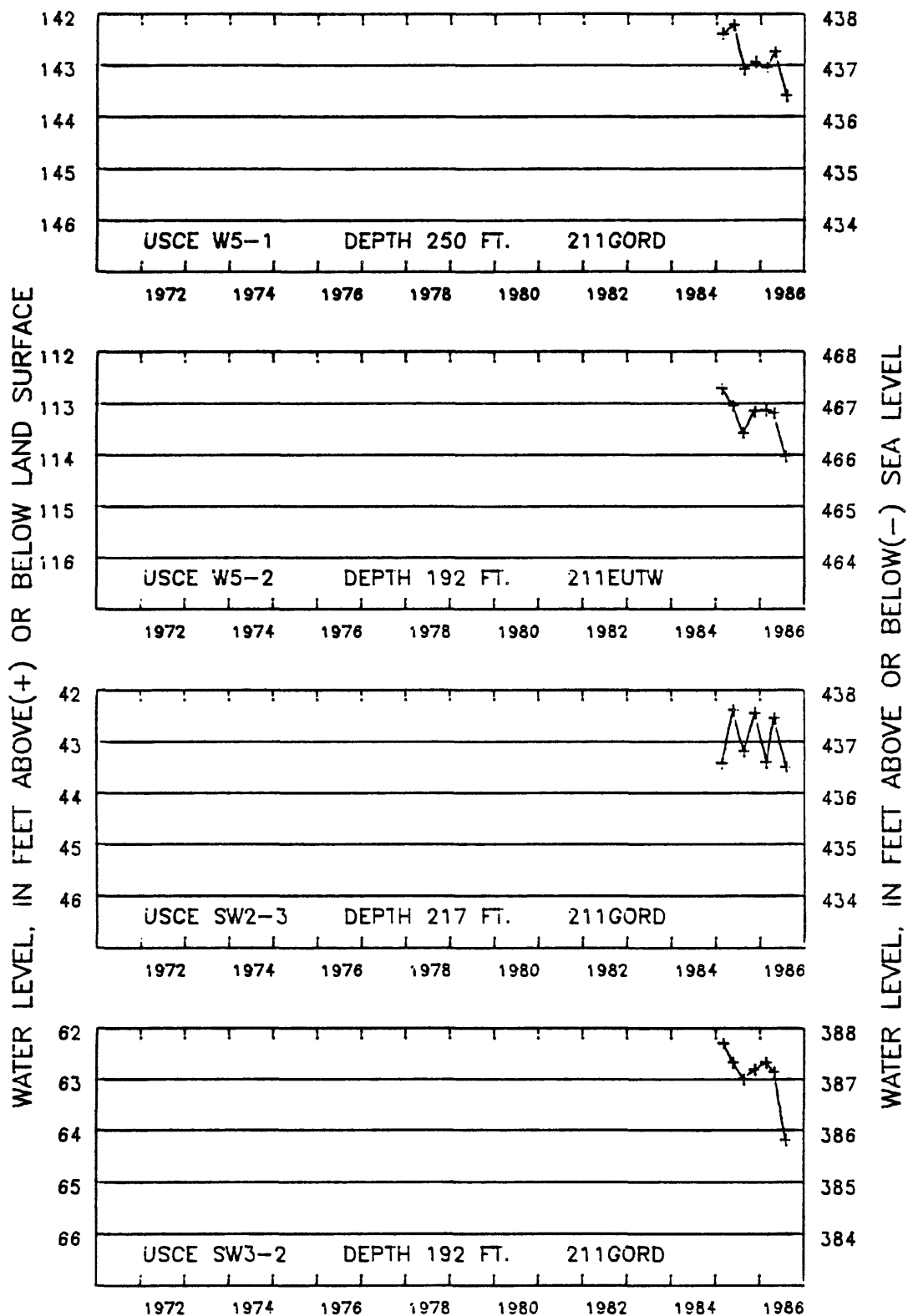
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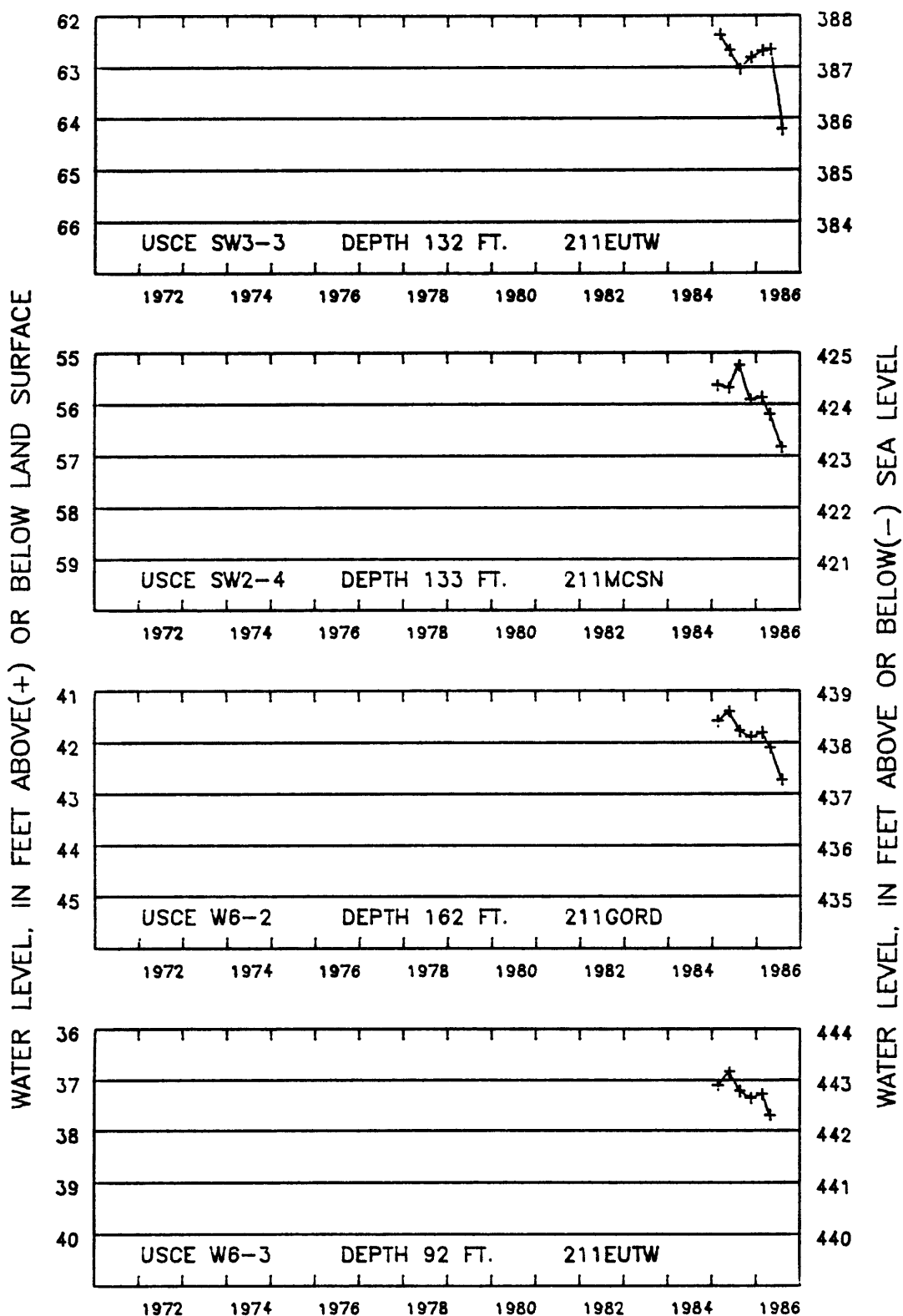
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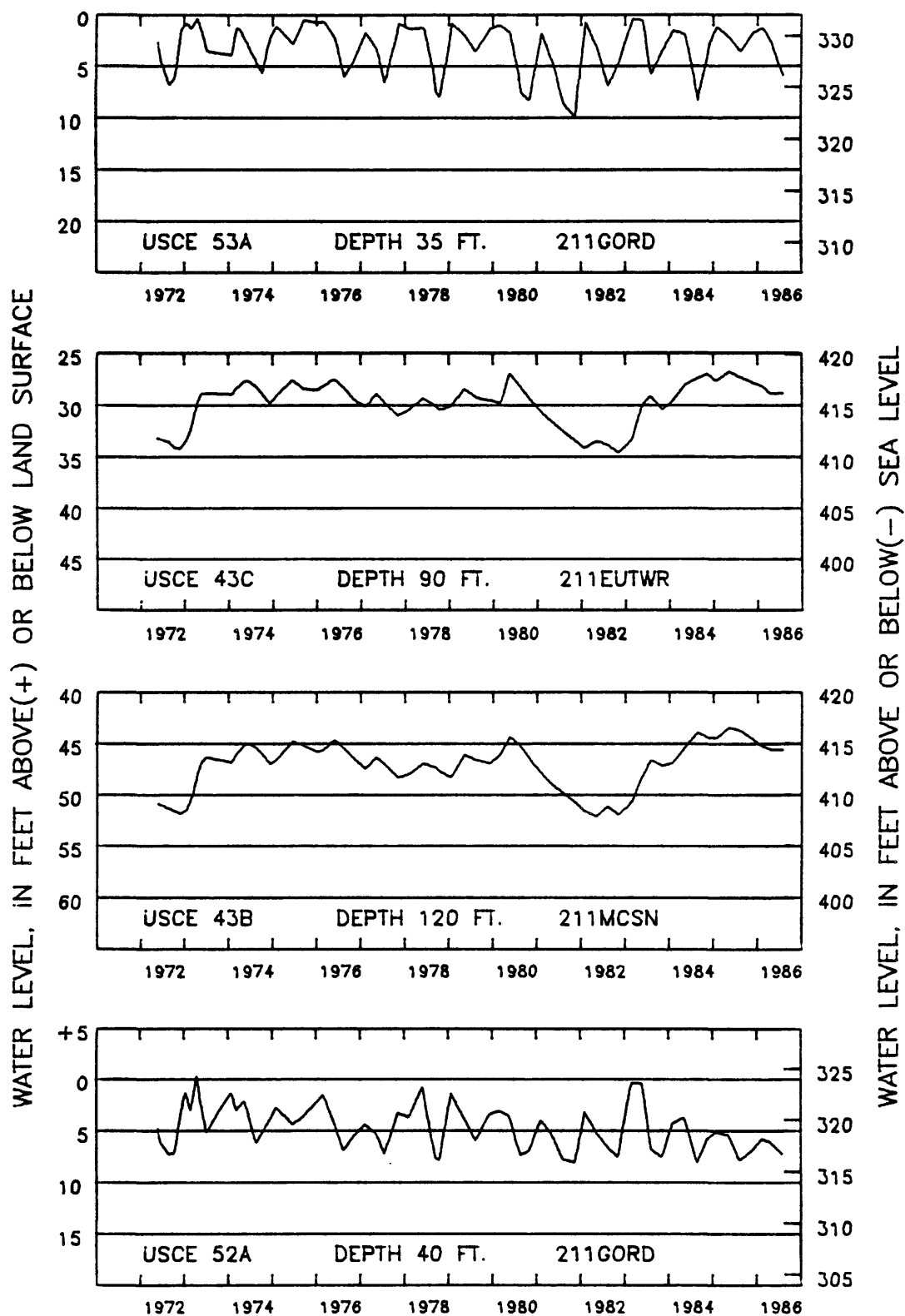
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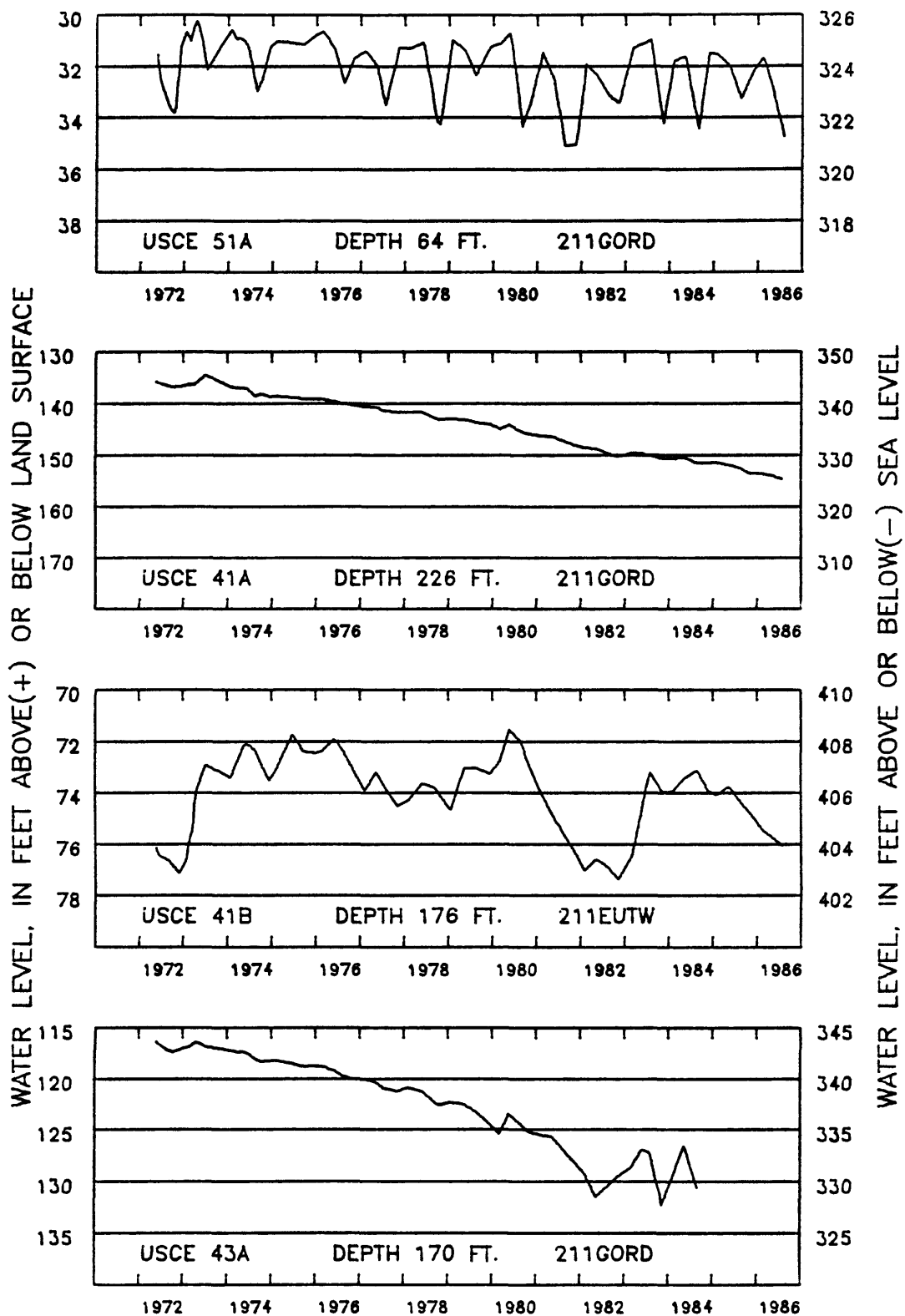
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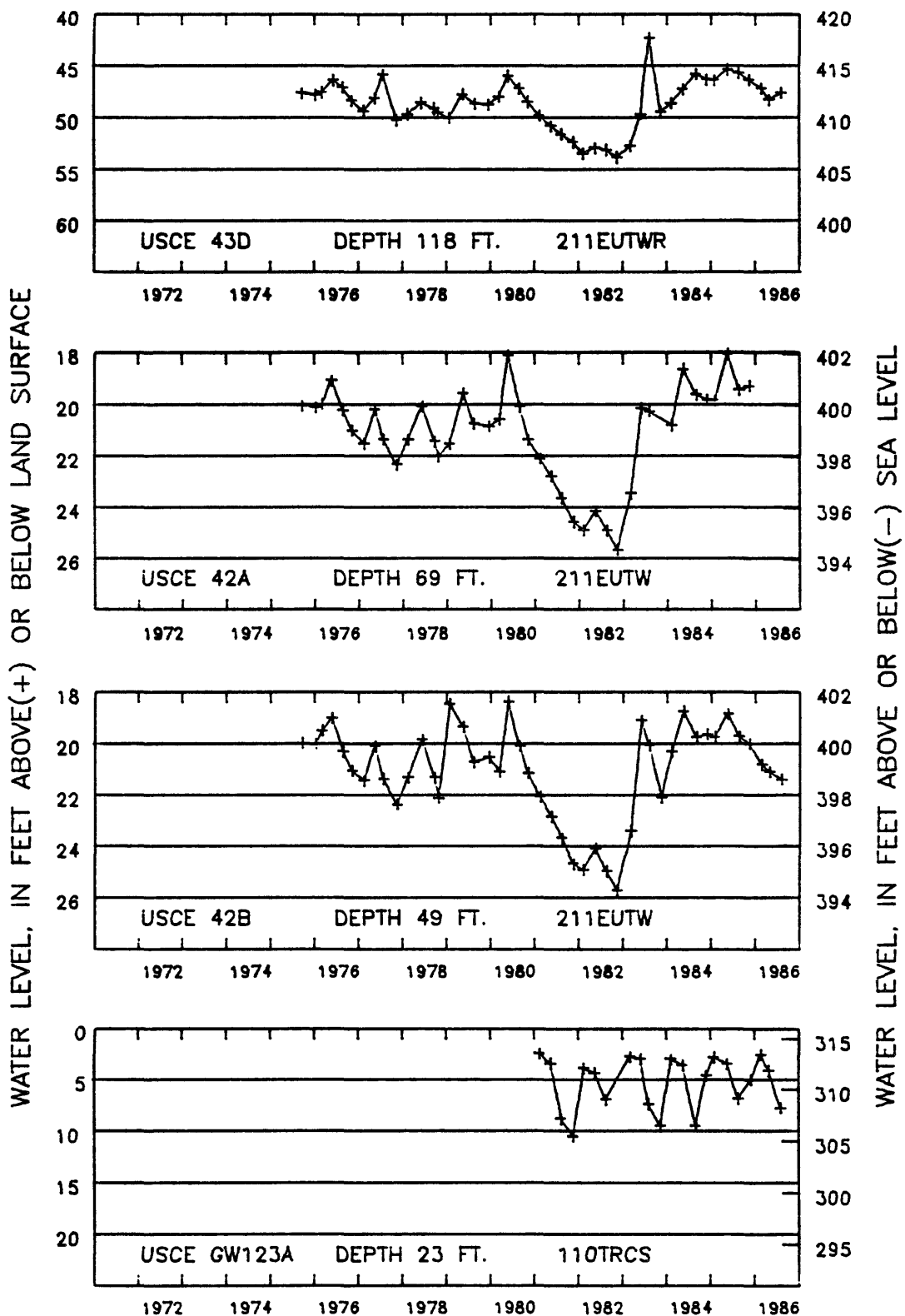
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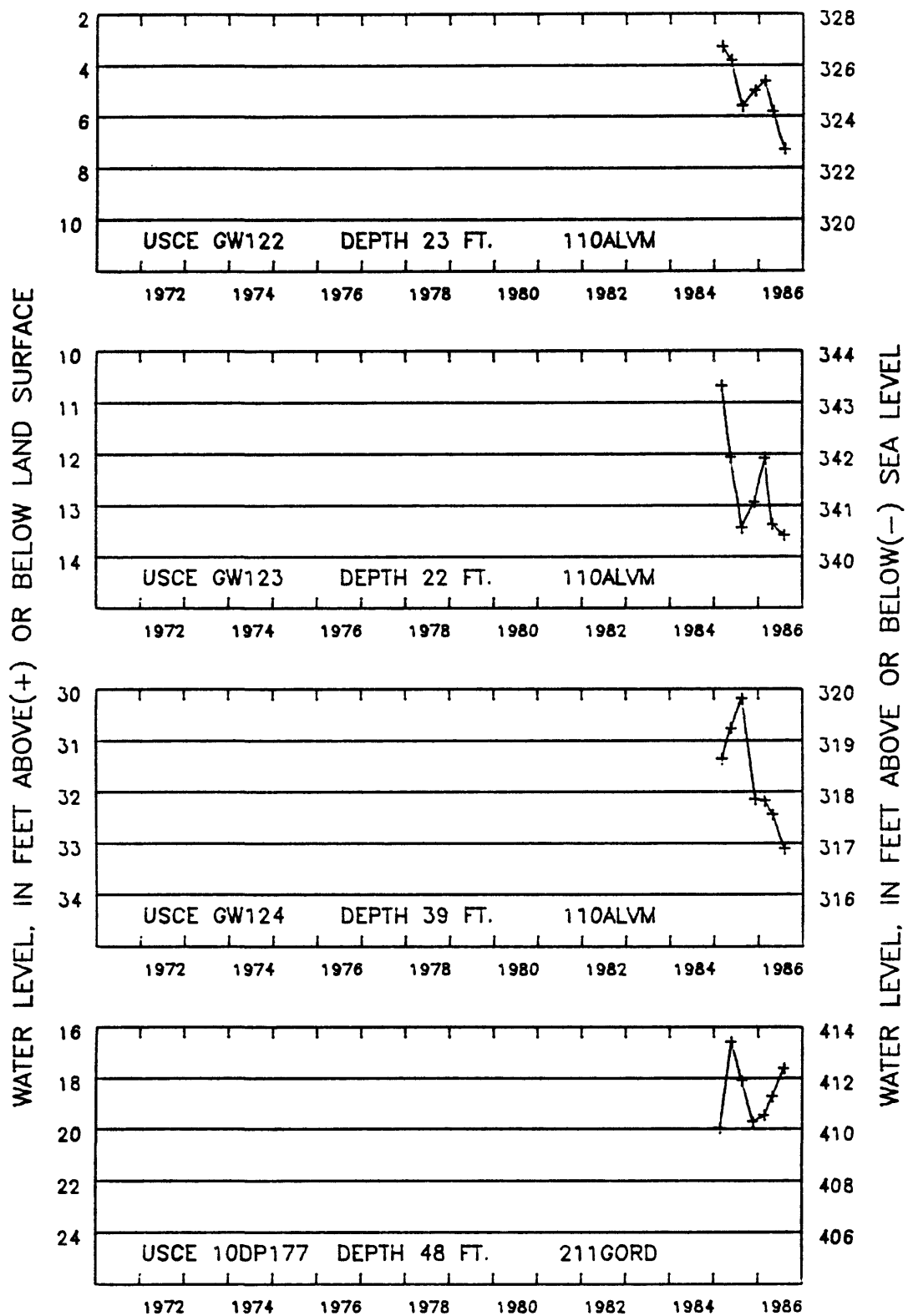
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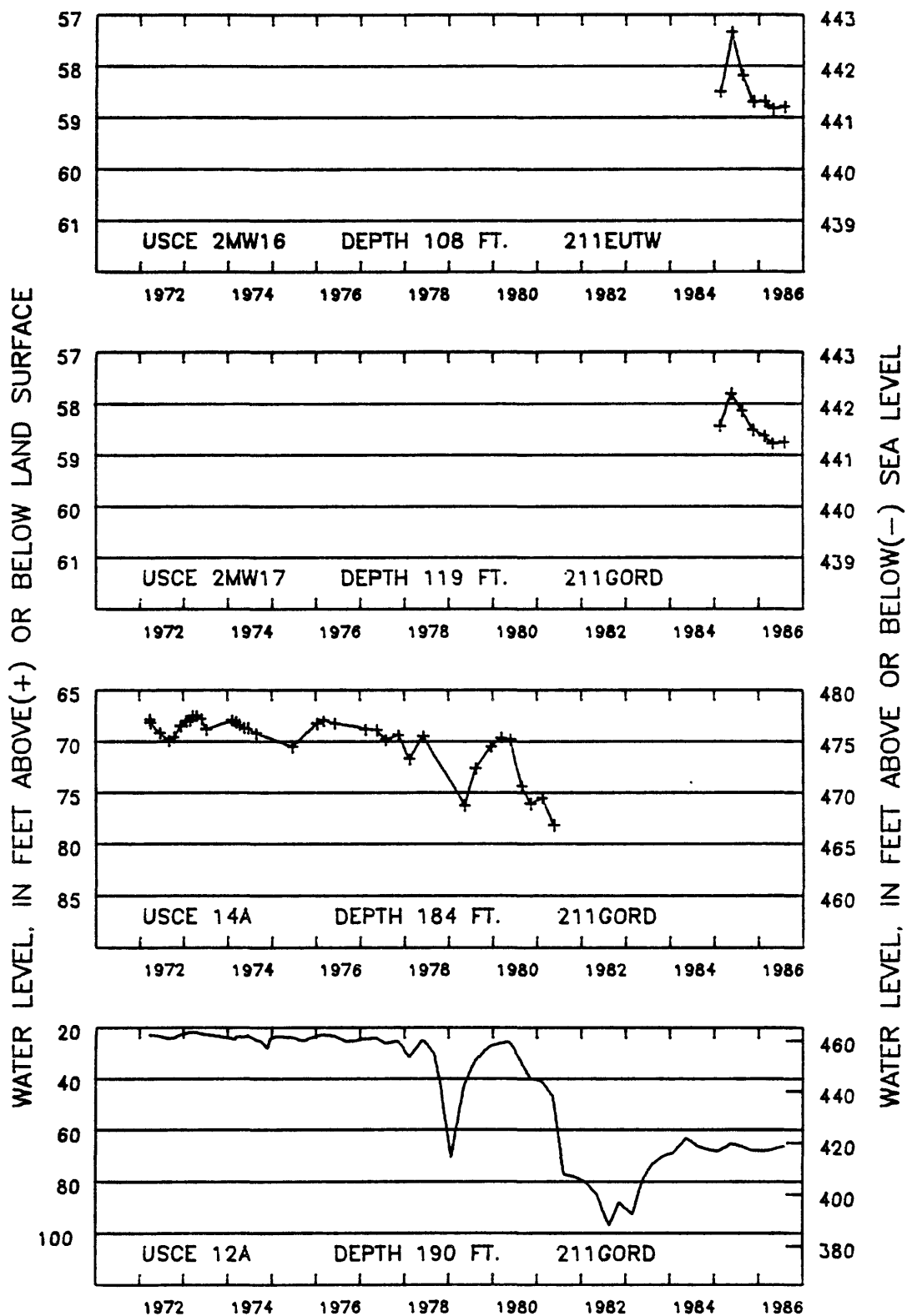
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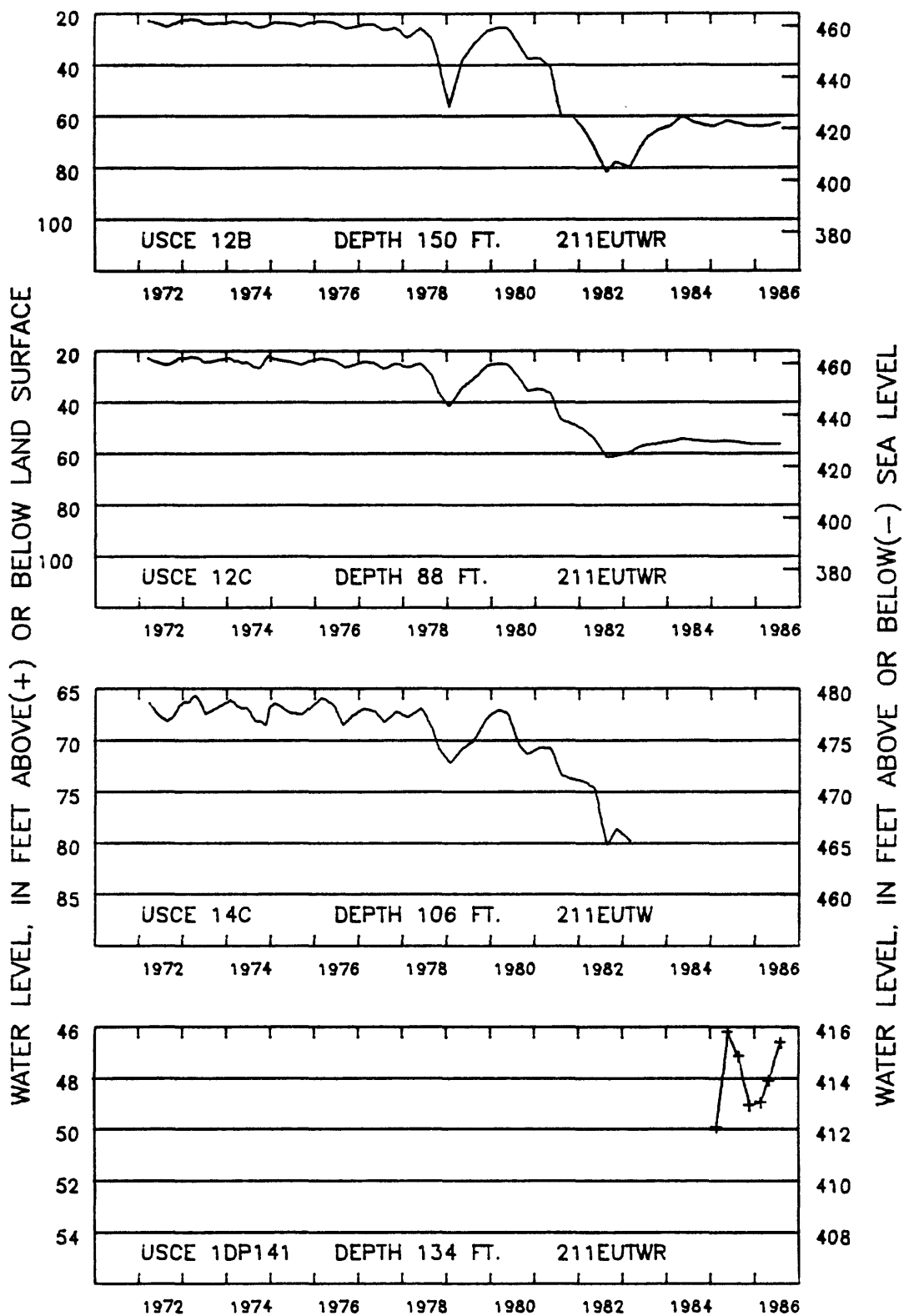
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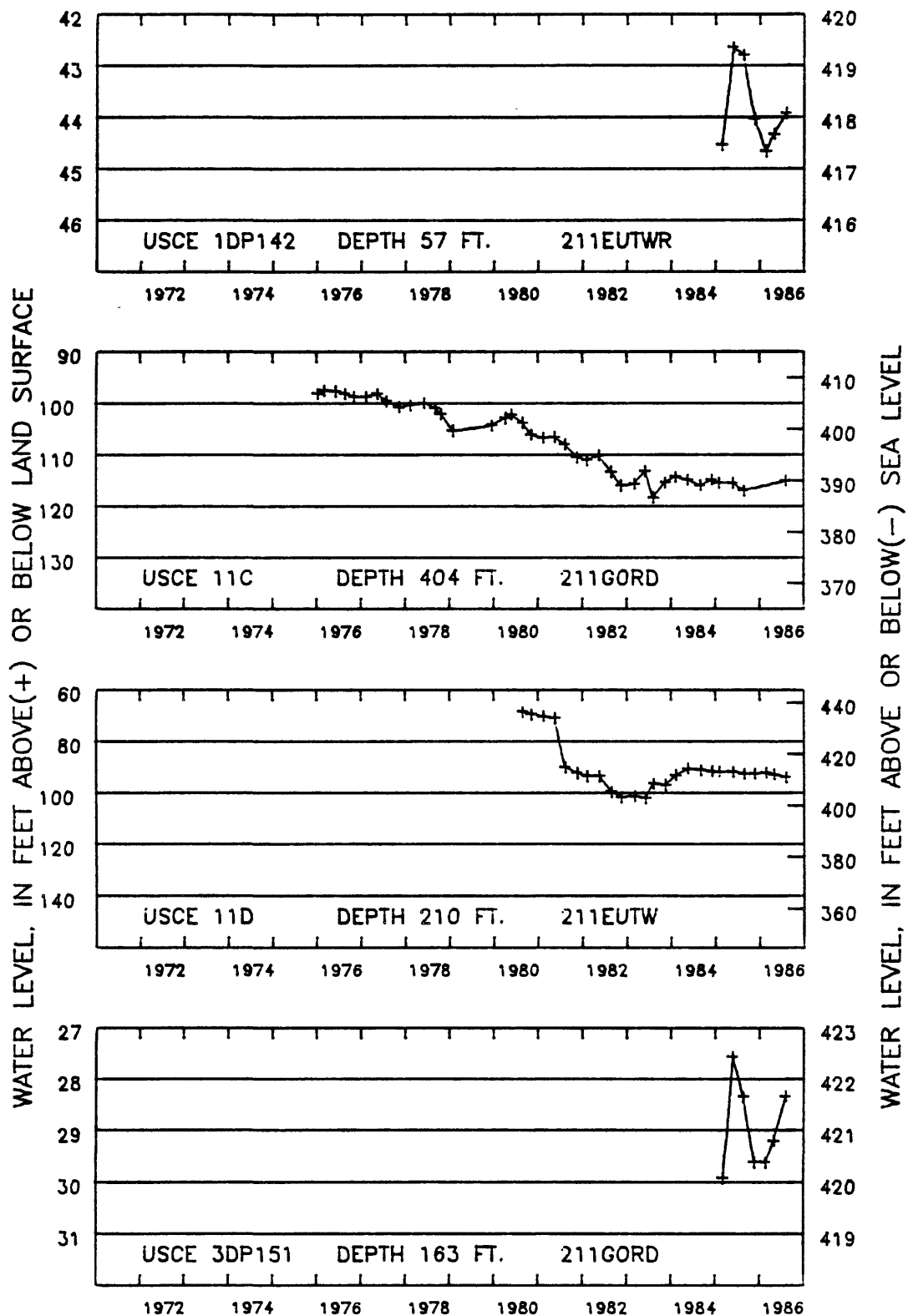
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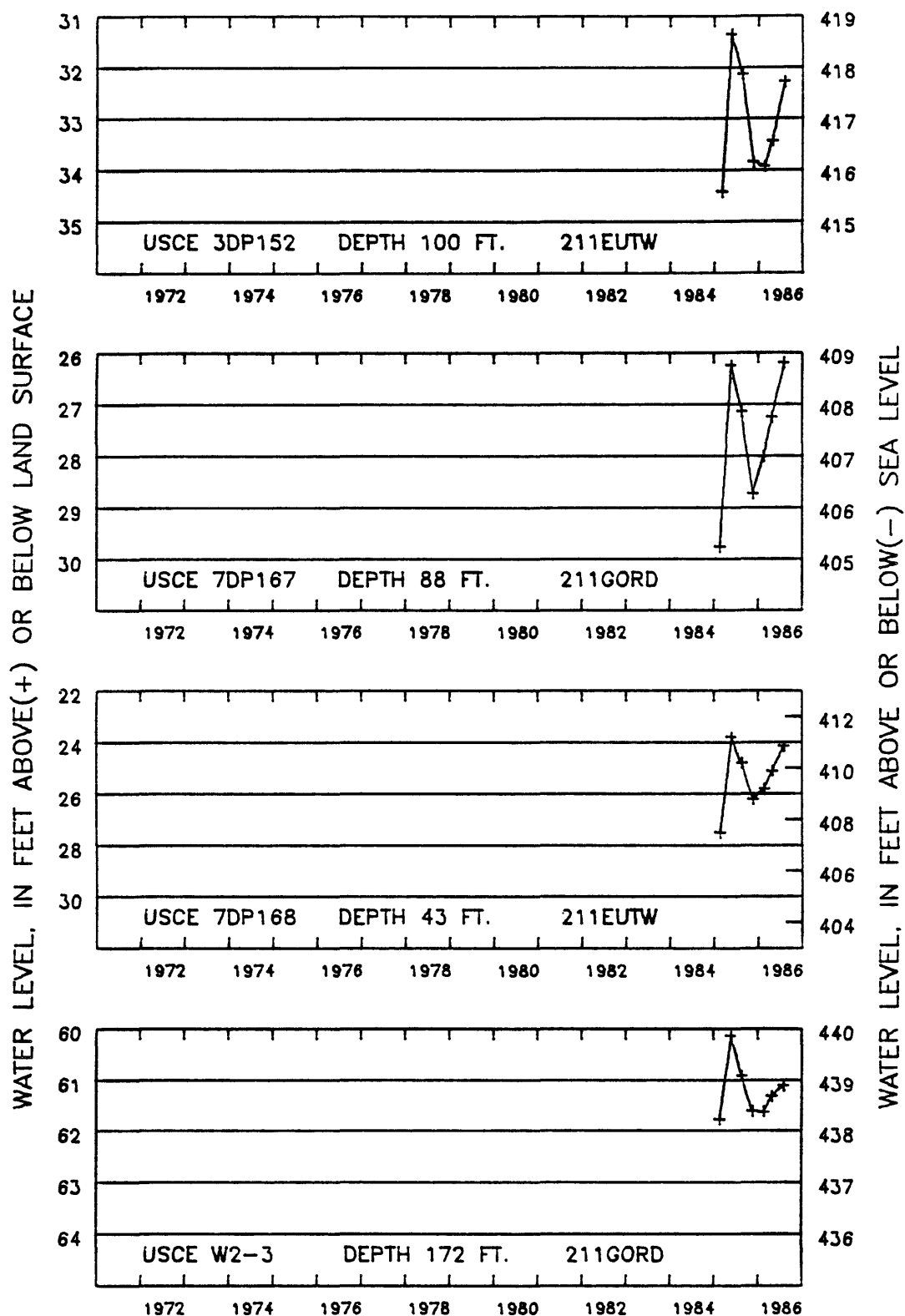
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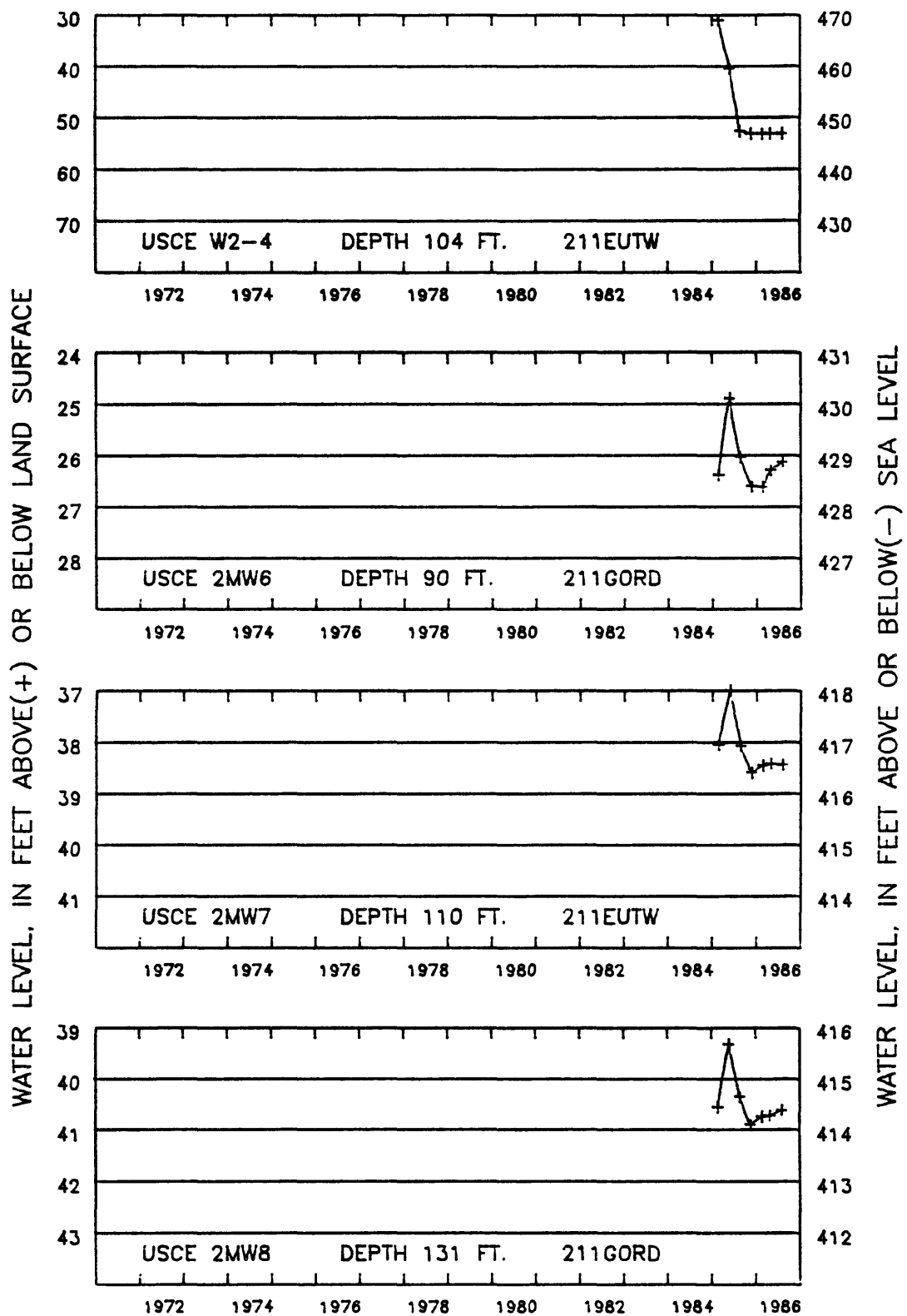
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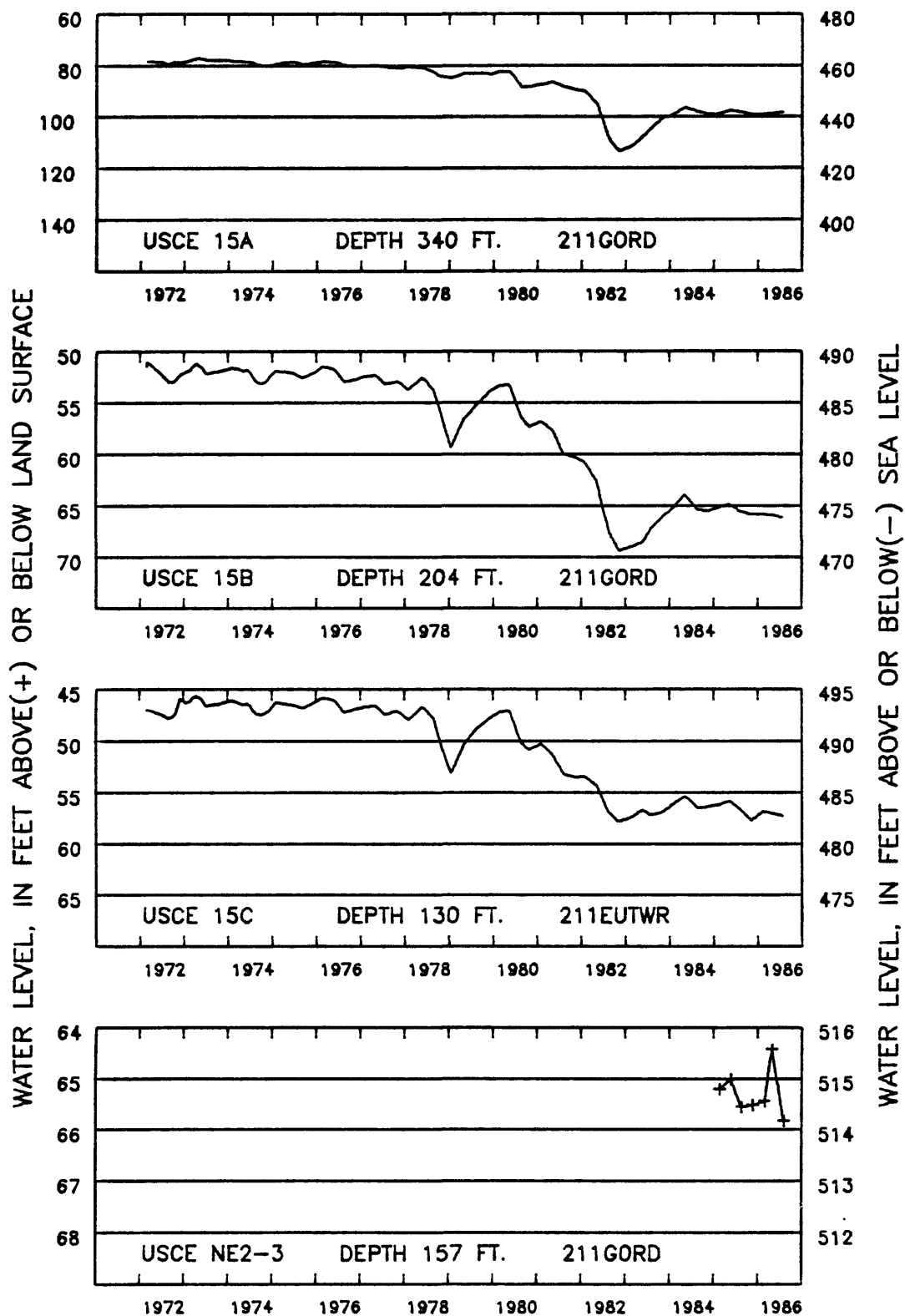
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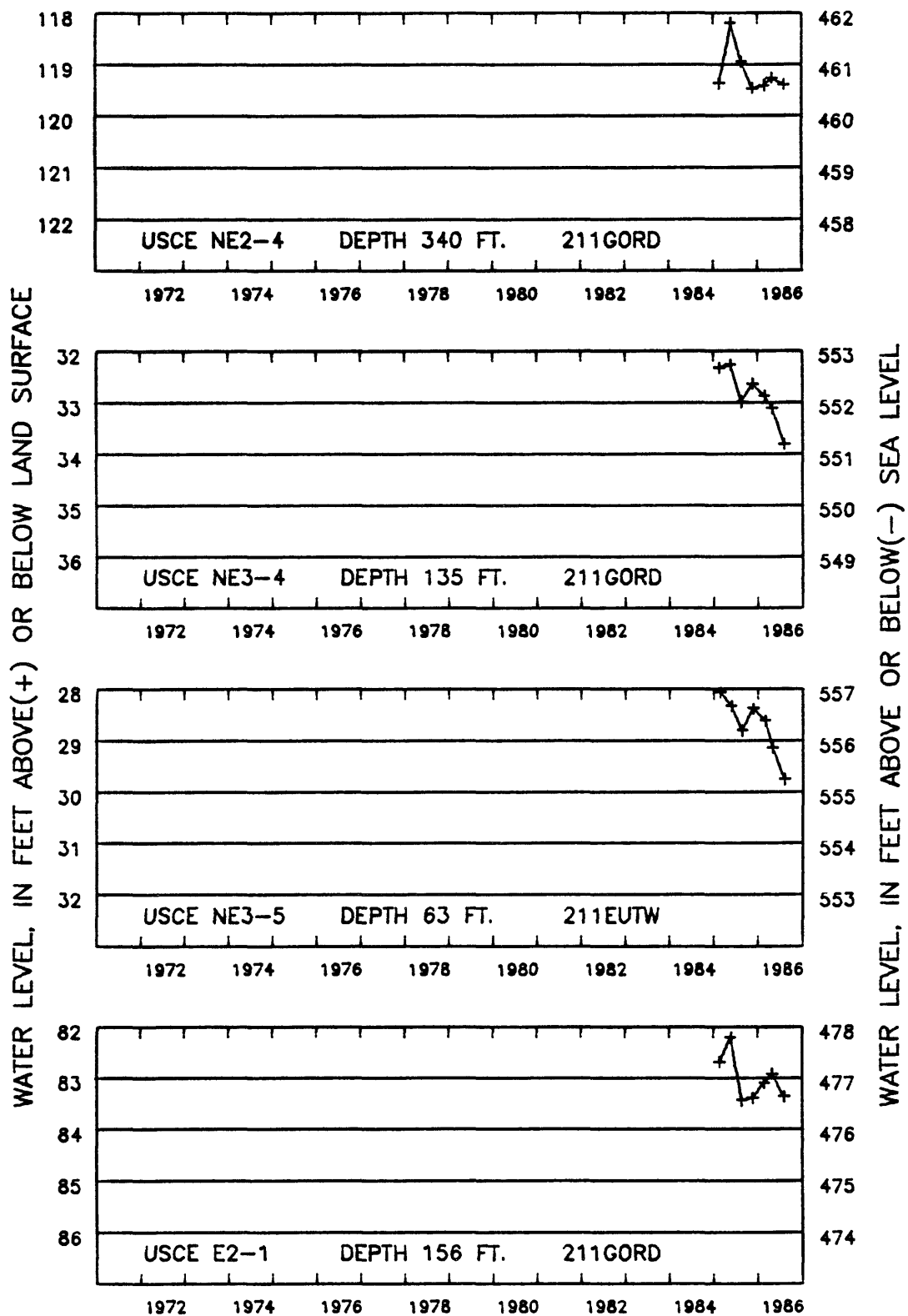
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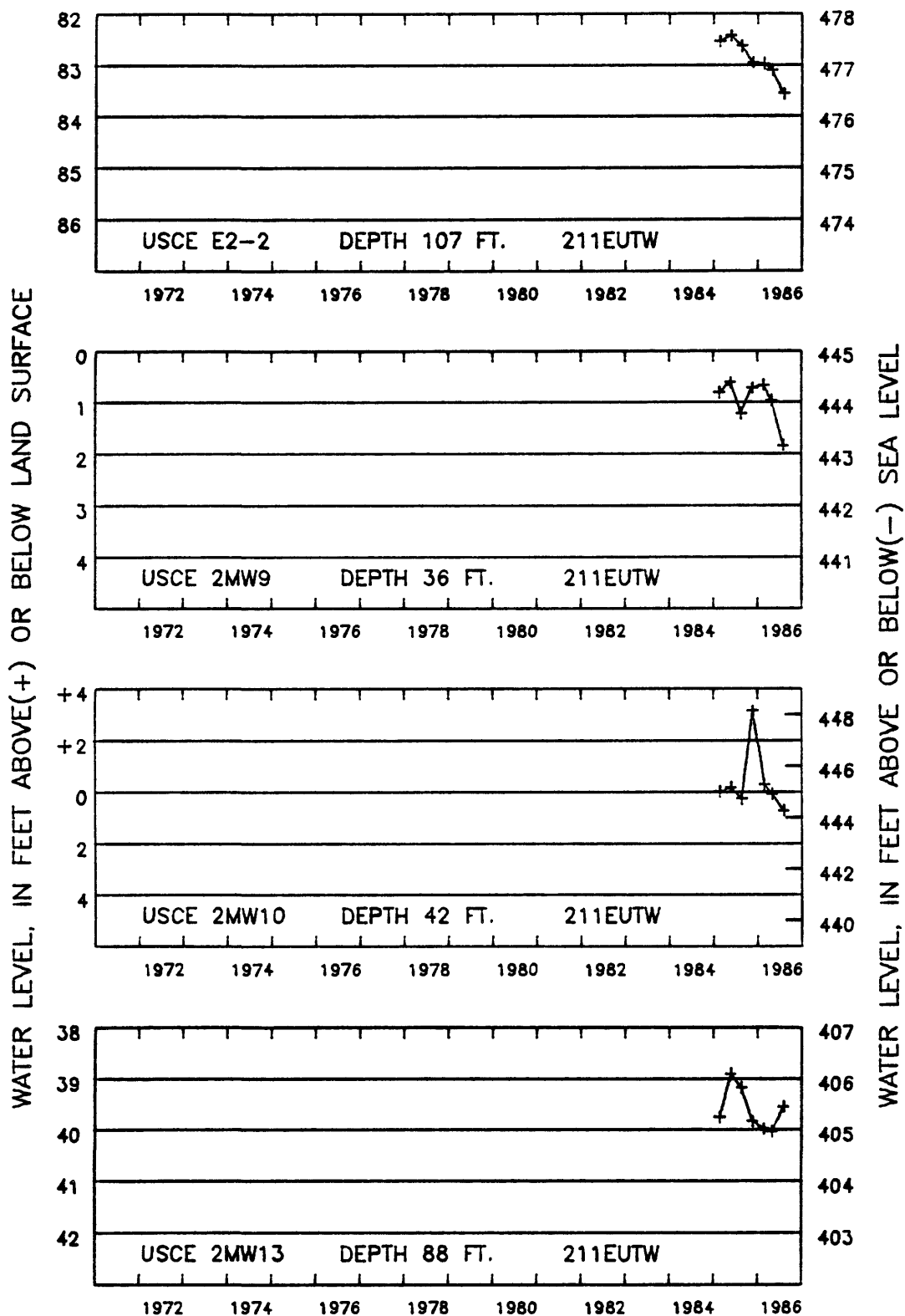
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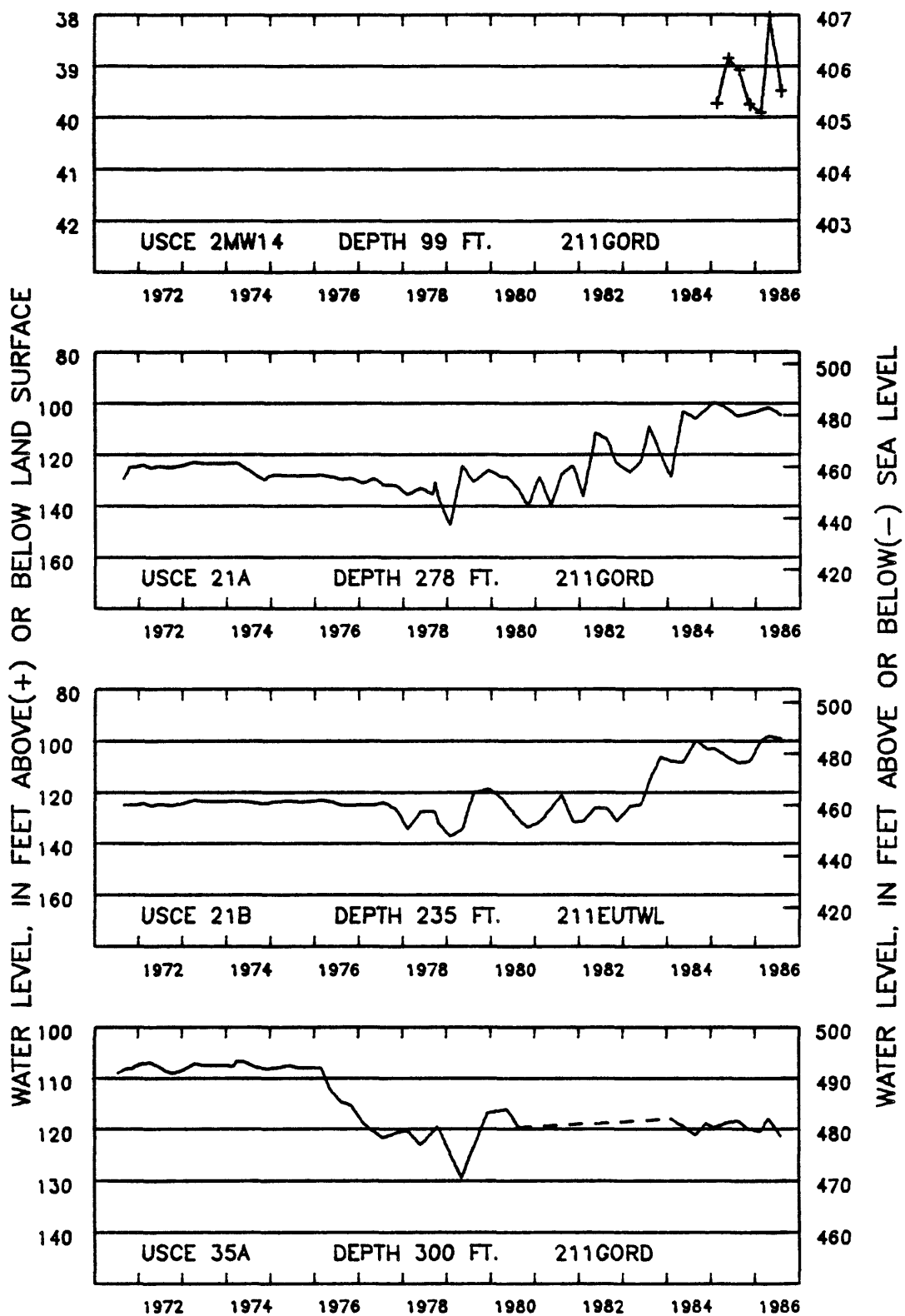
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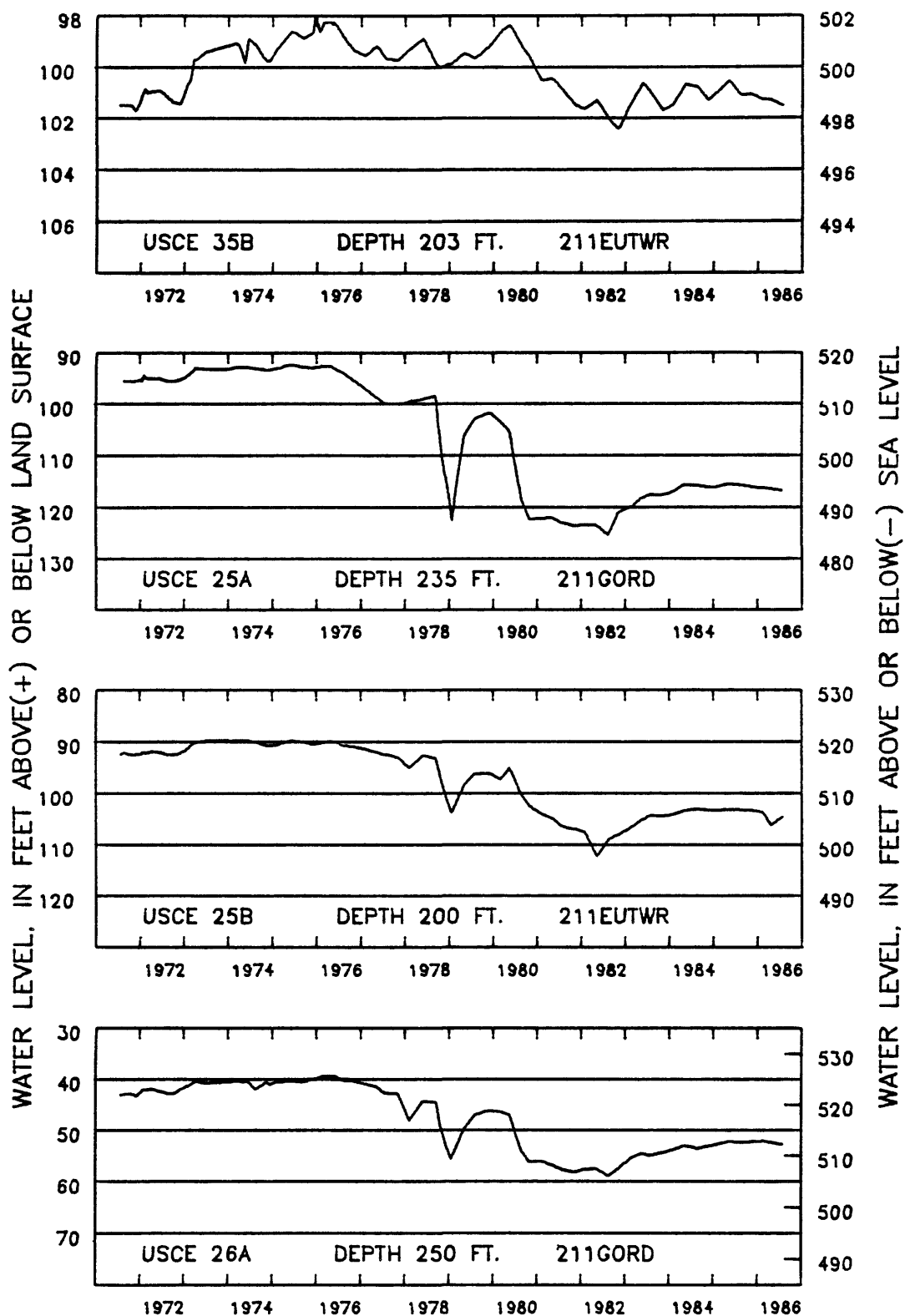
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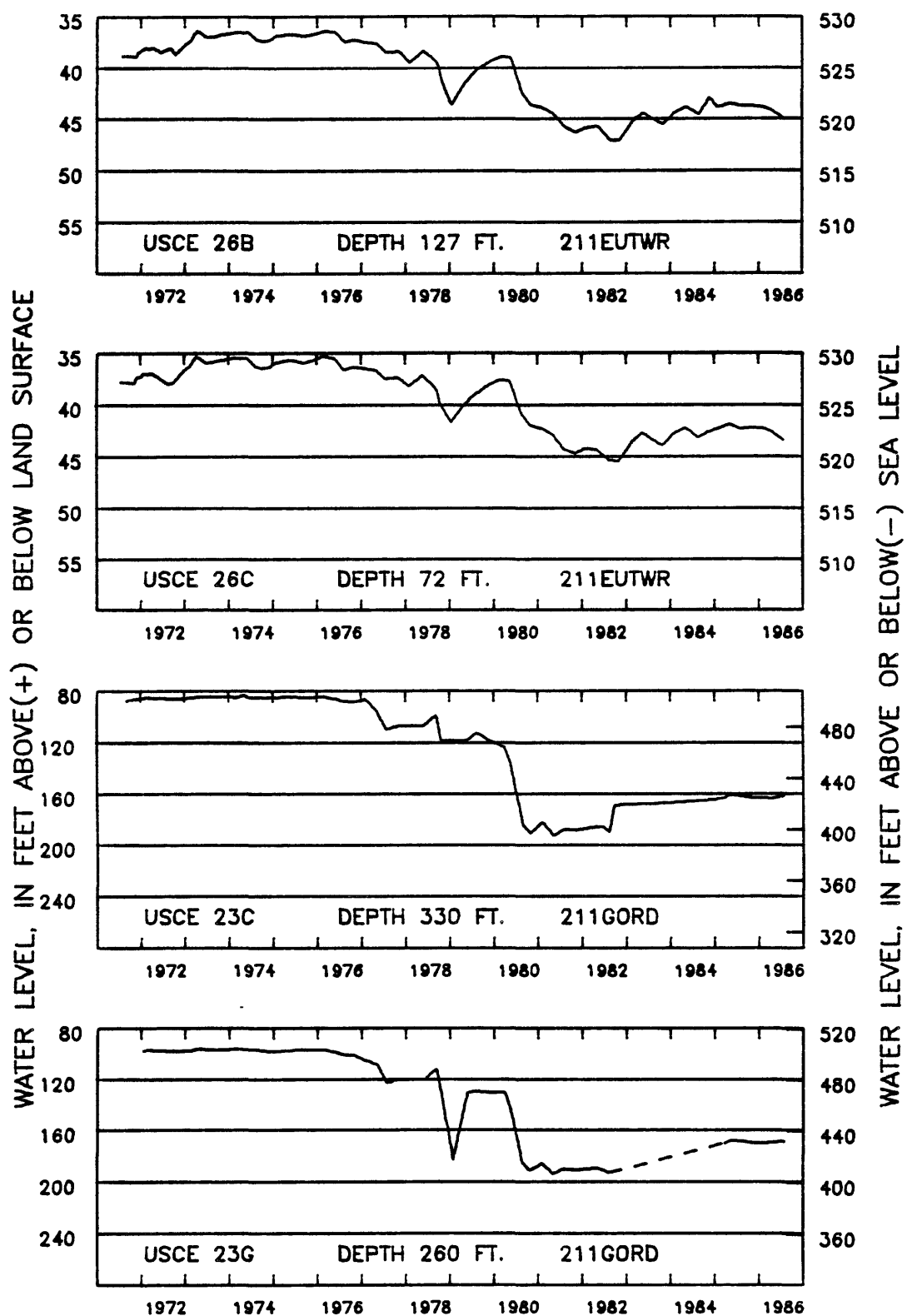
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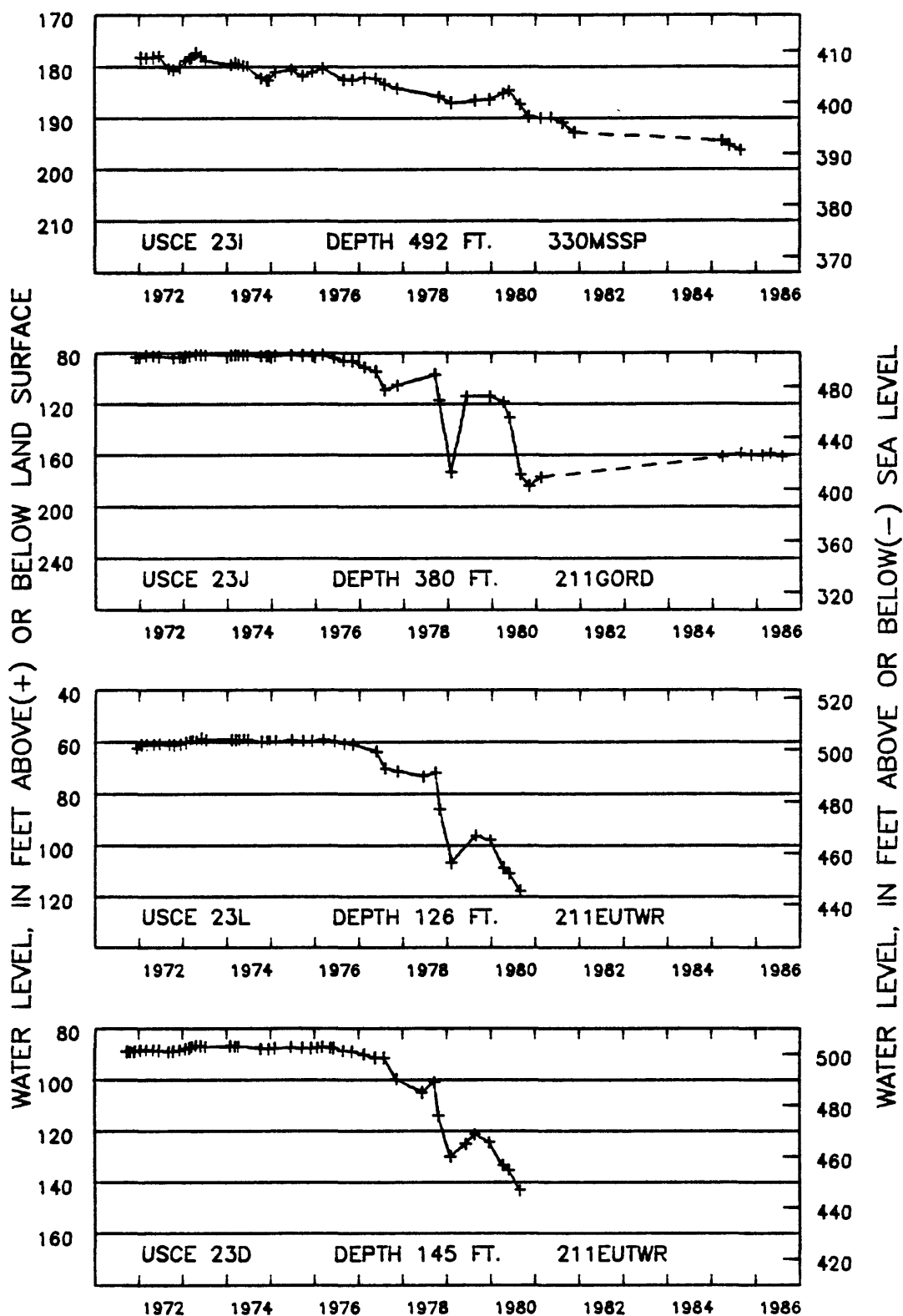
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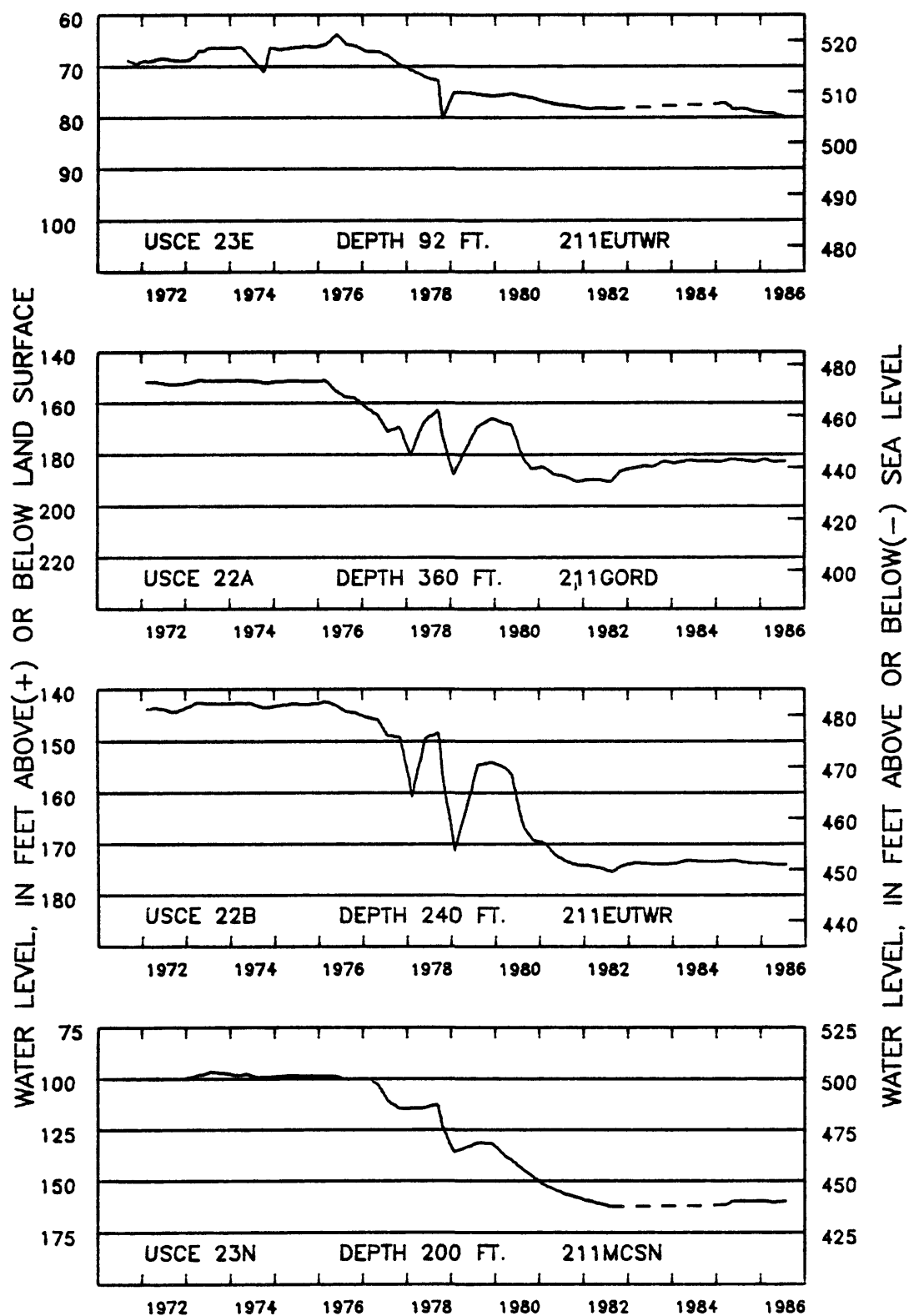
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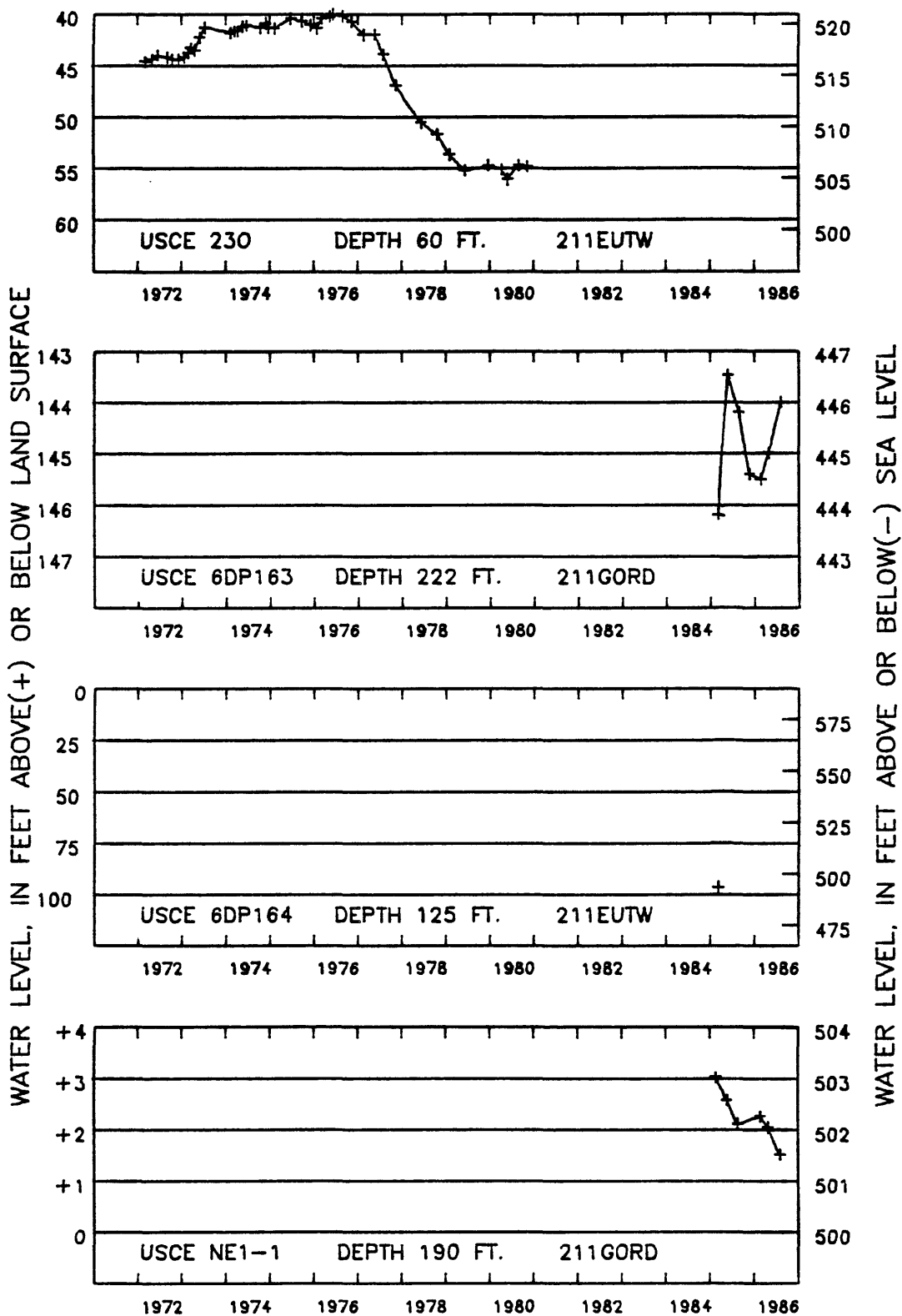
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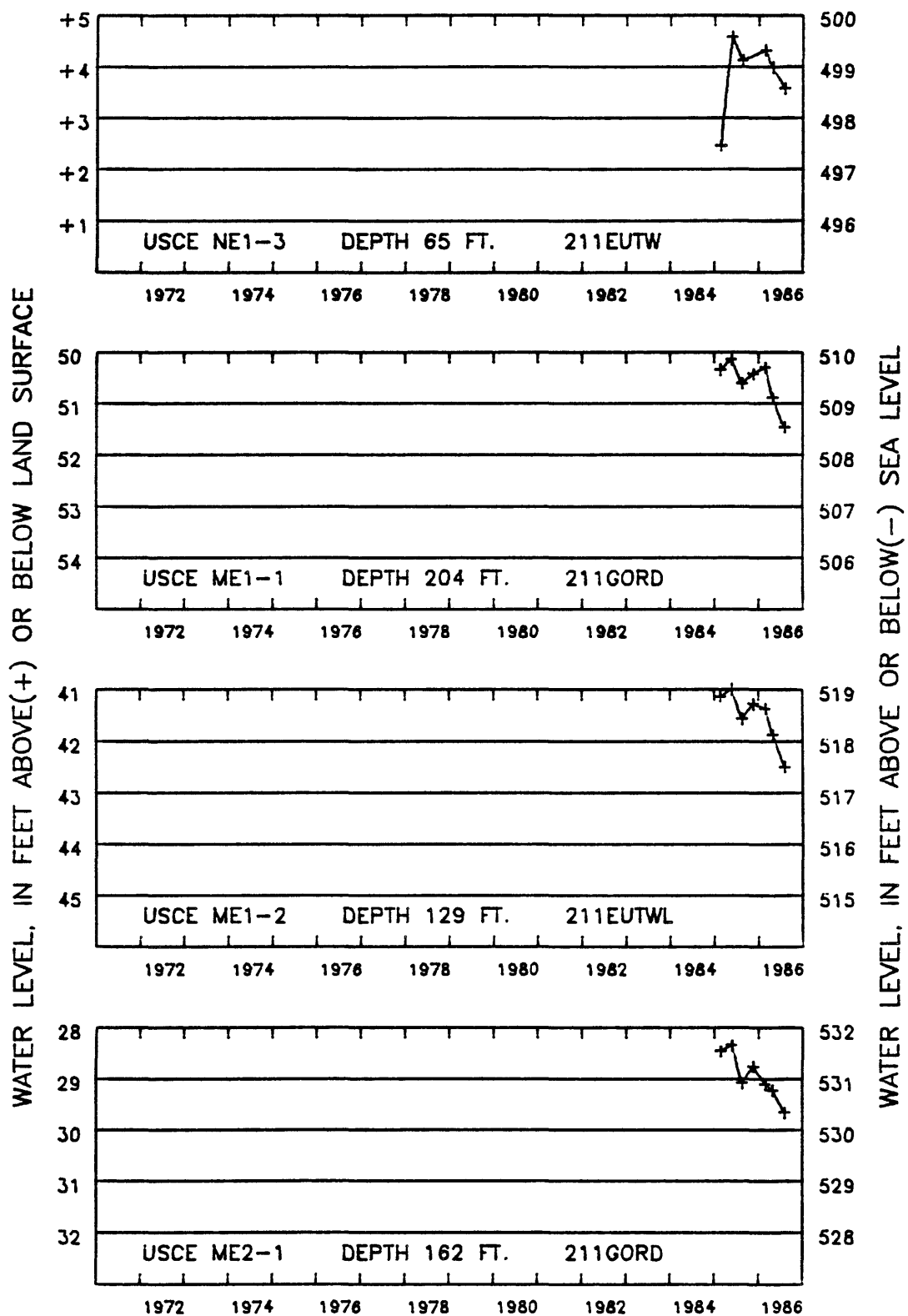
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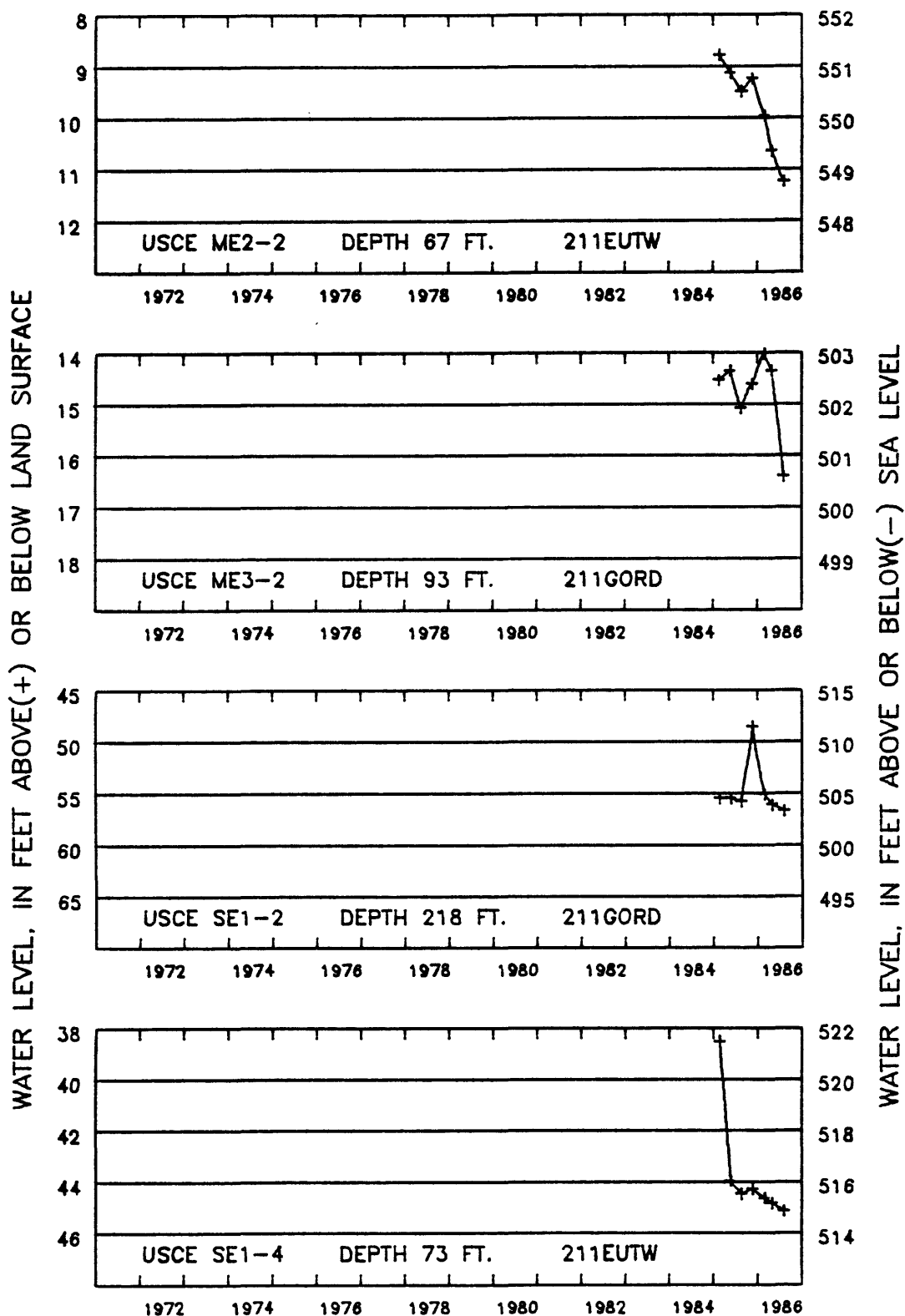
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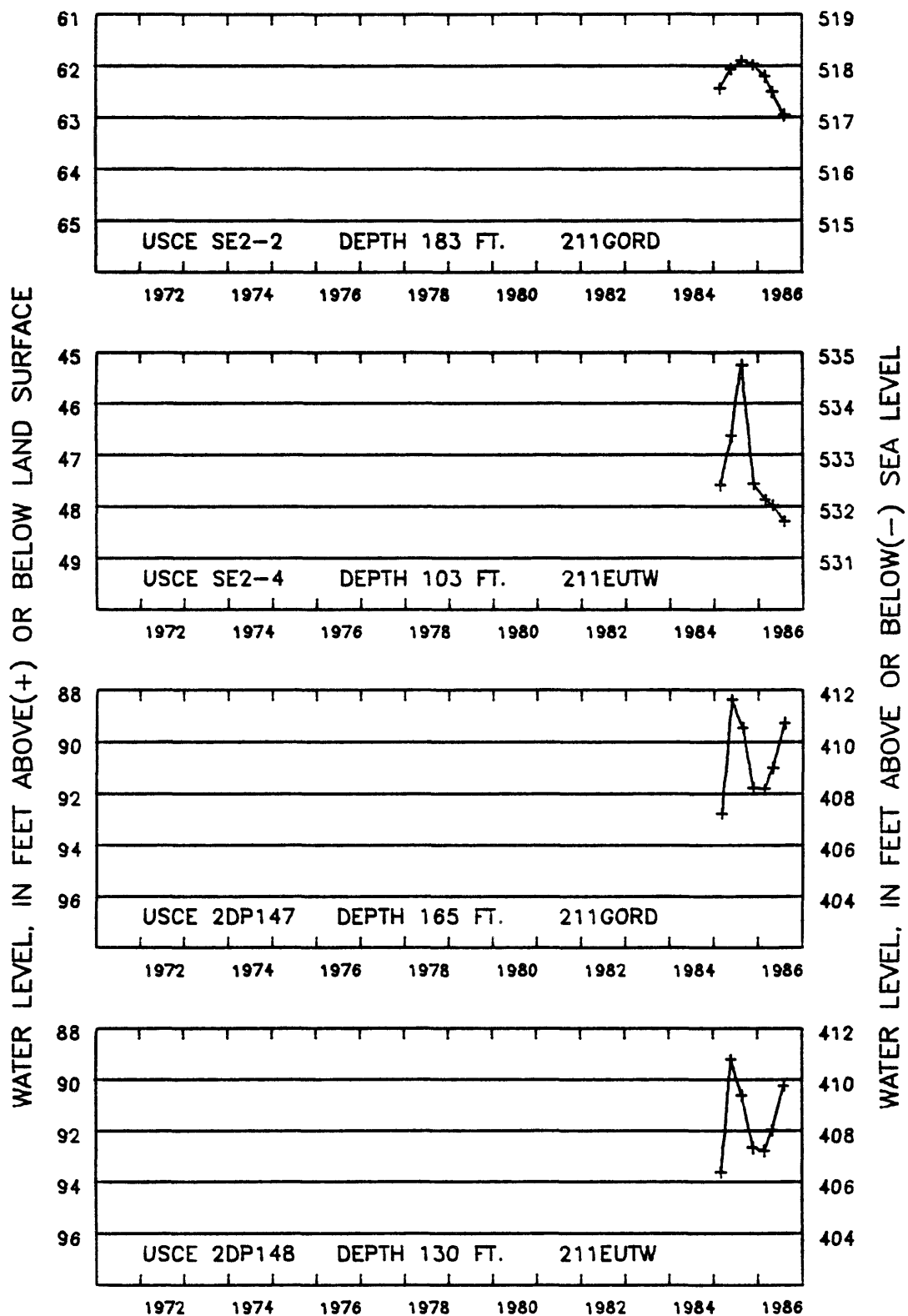
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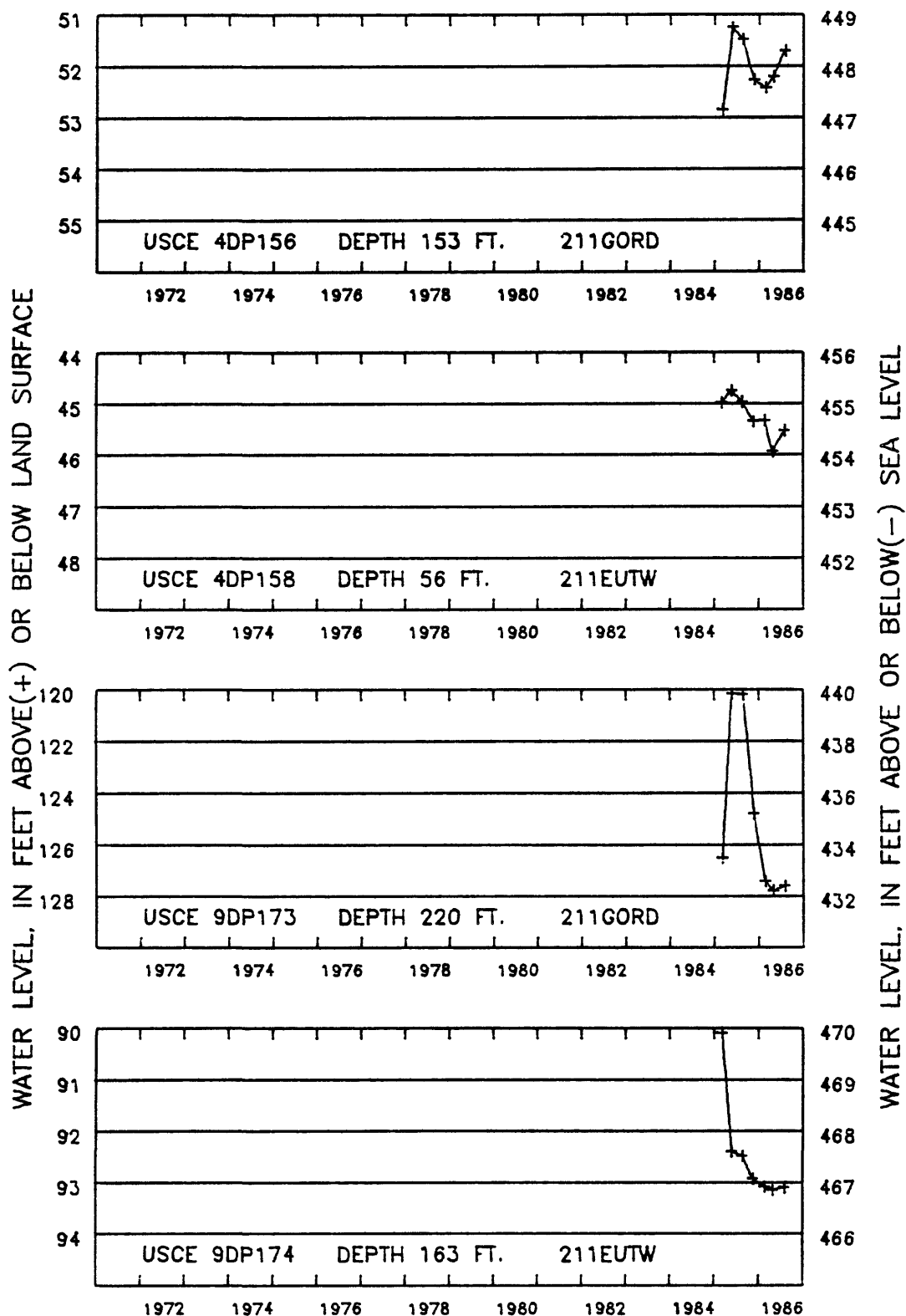
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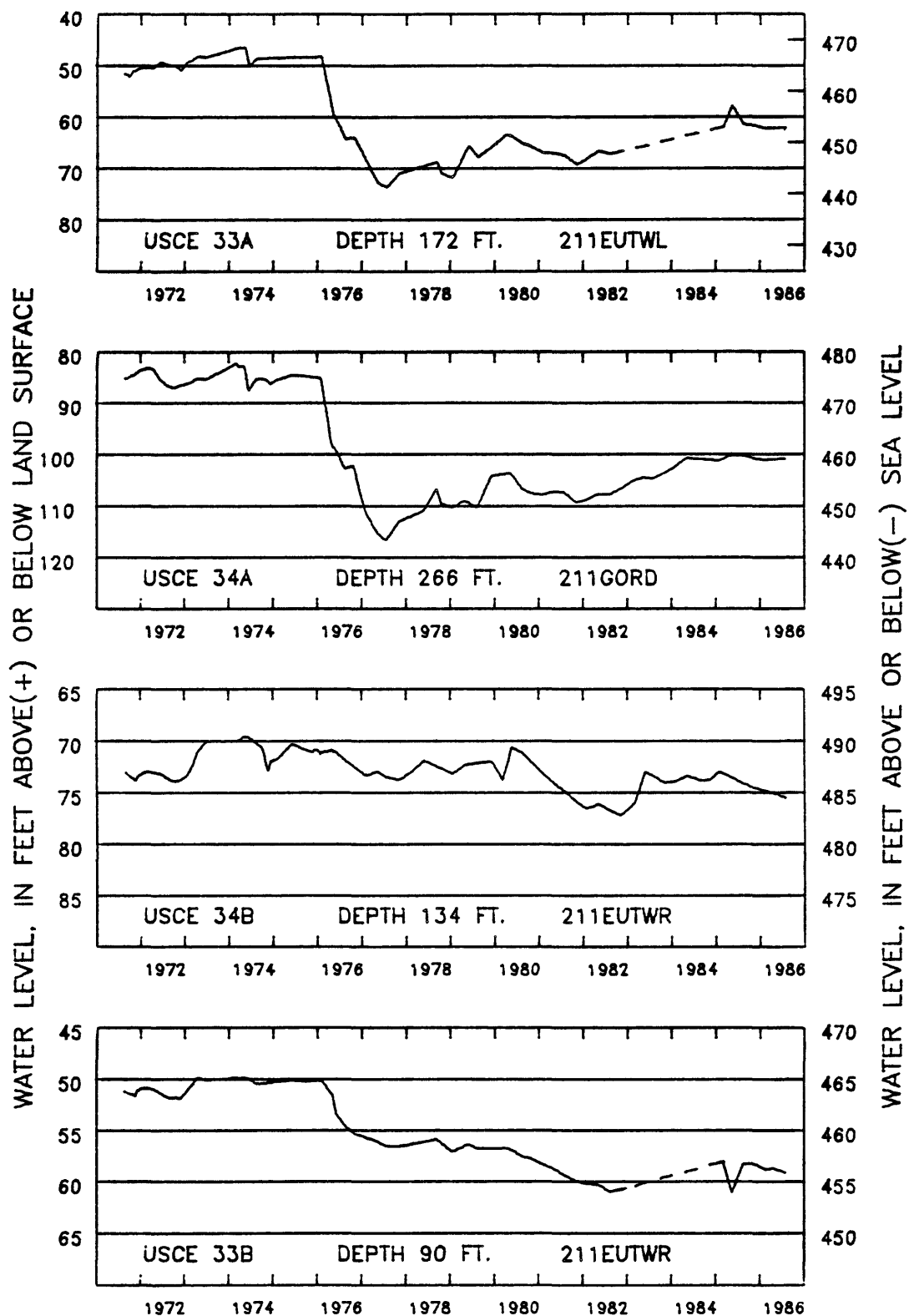
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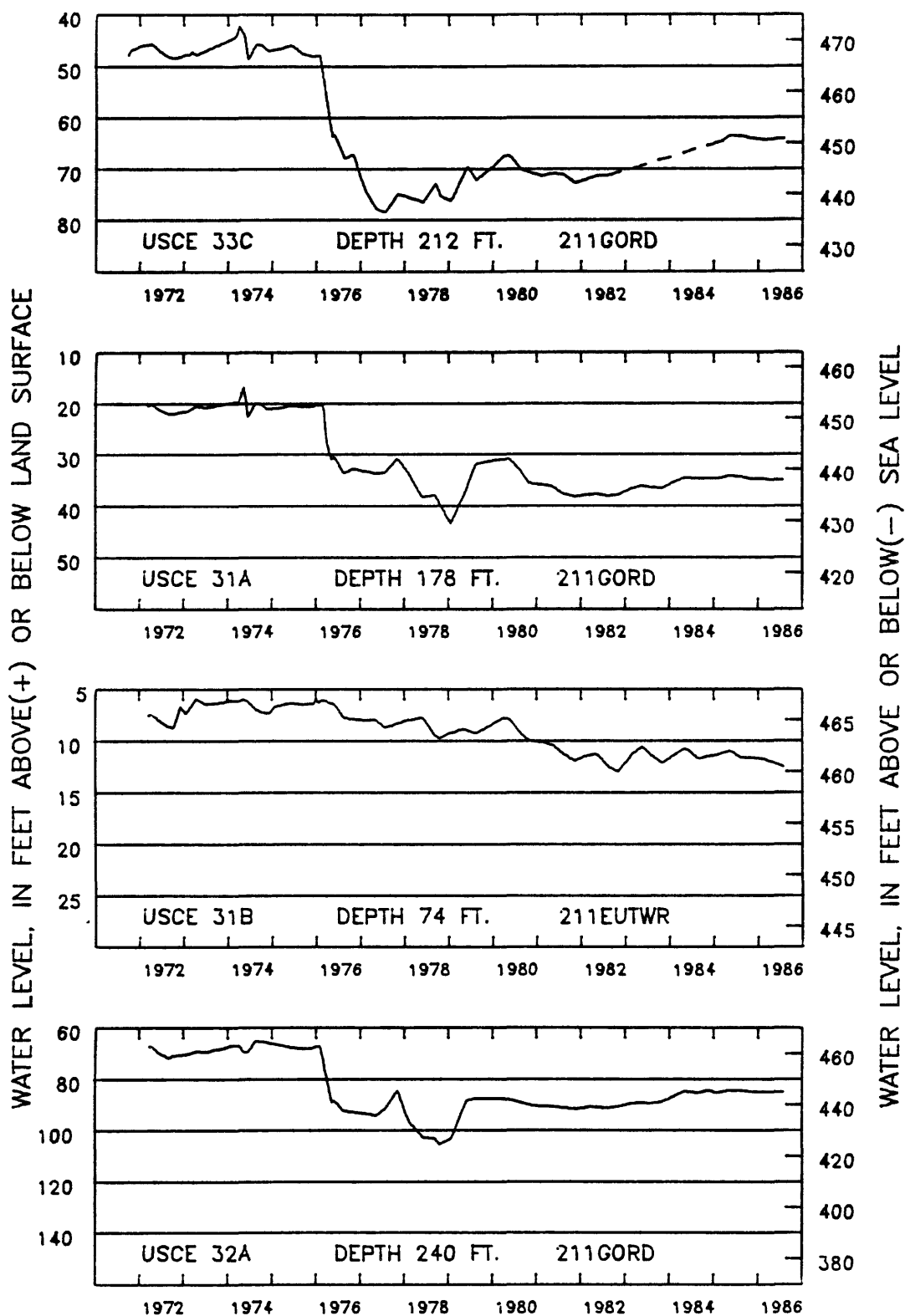
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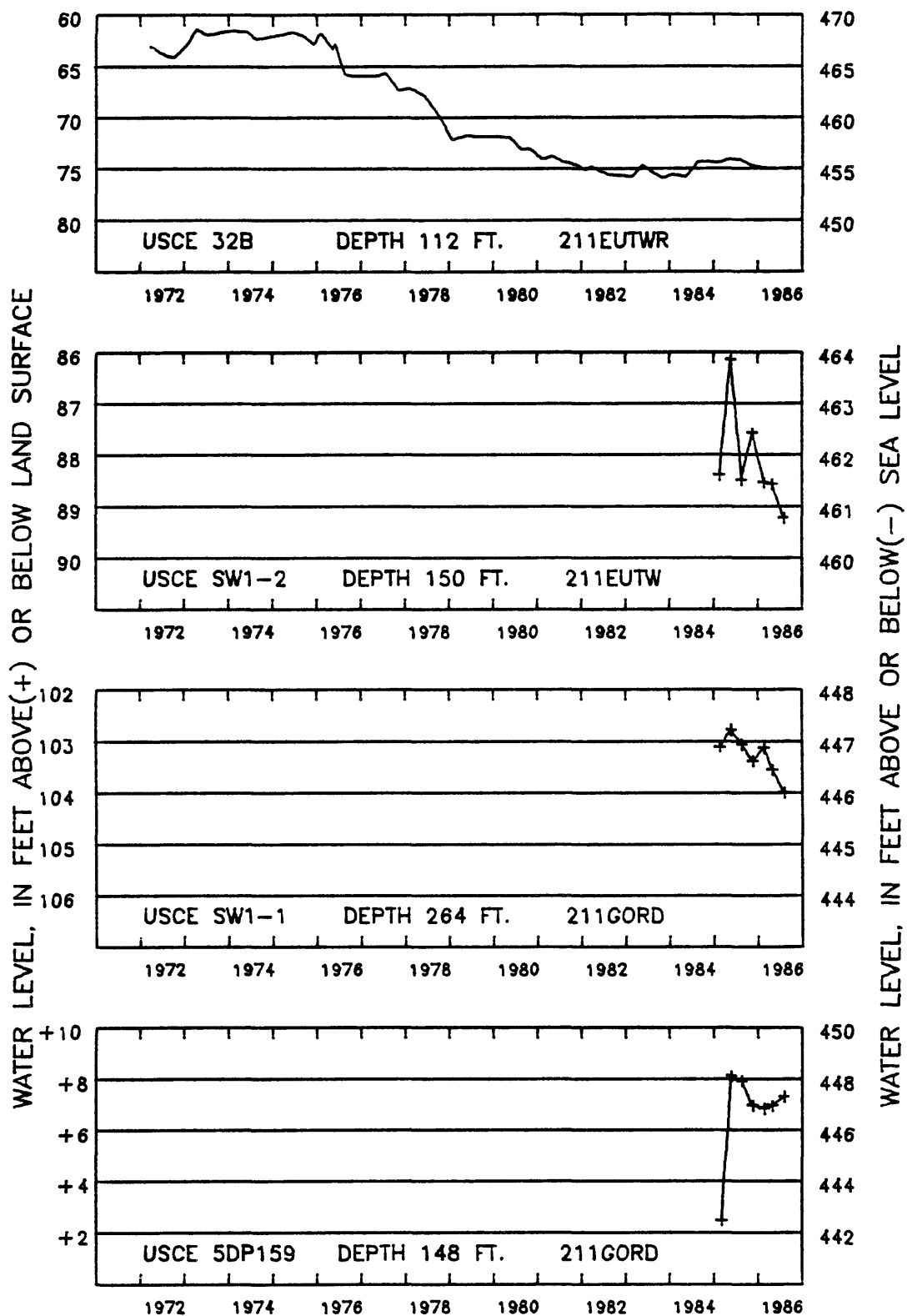
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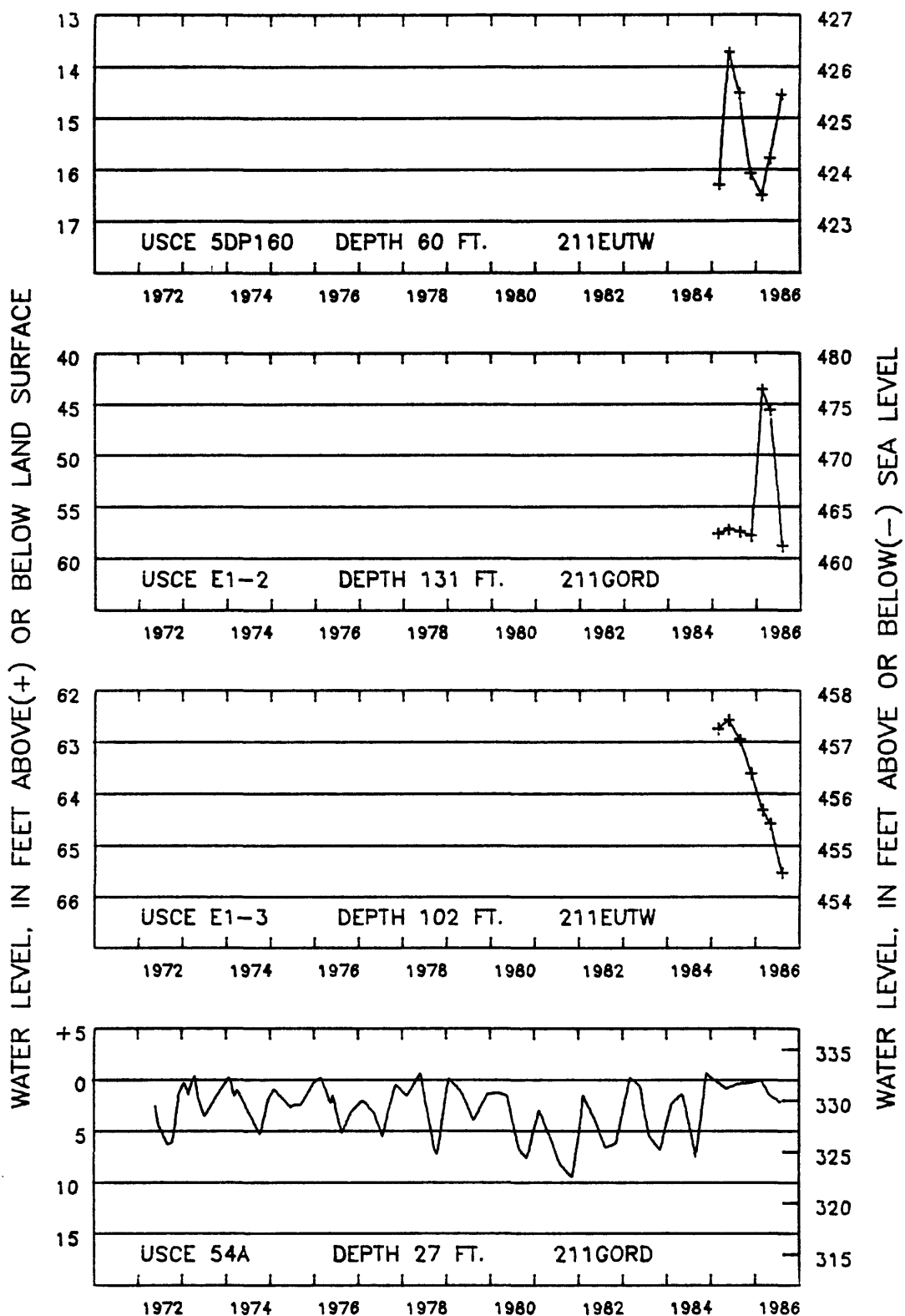
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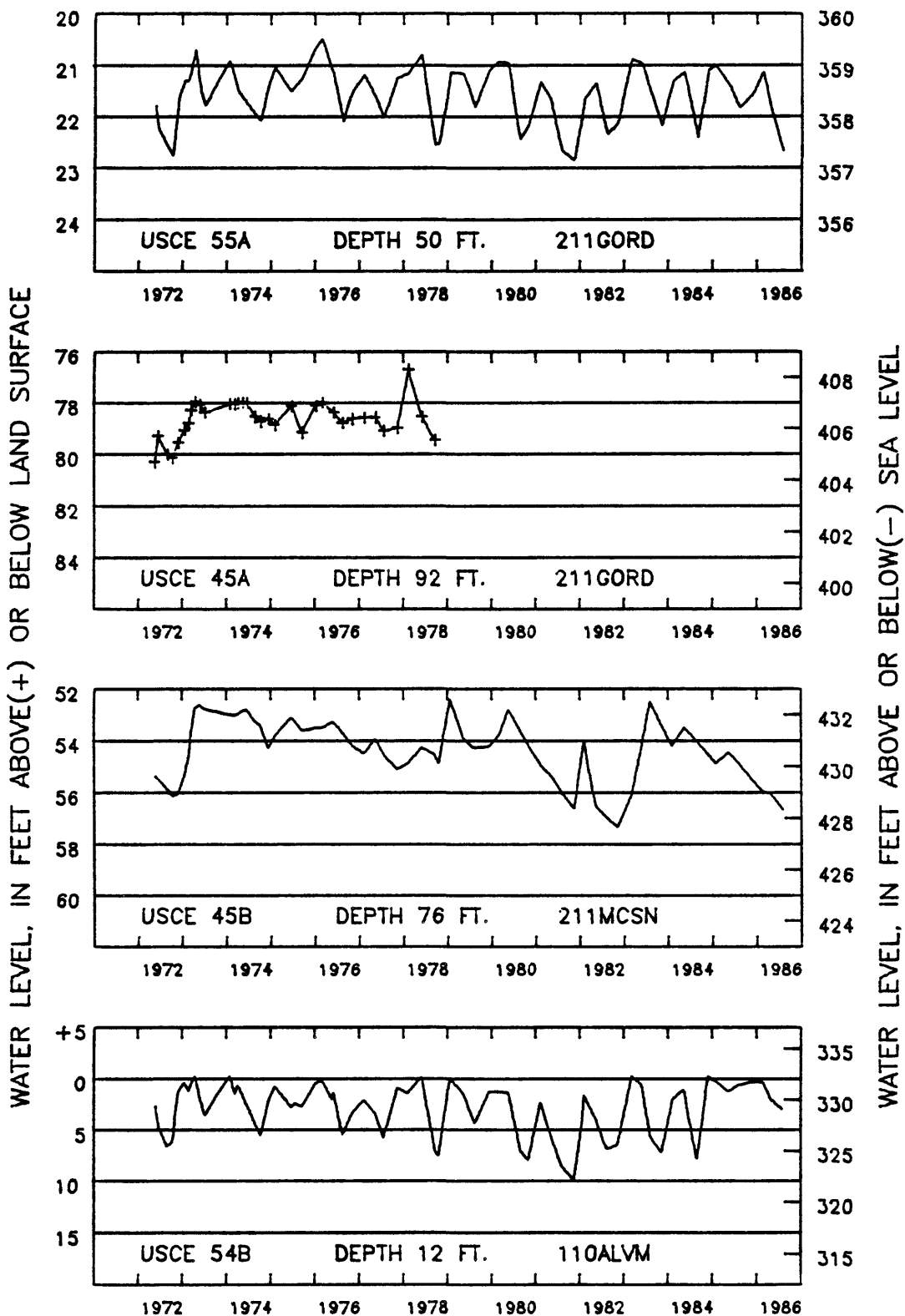
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HYDROGRAPHS OF TENNESSEE-TOMBIGBEE OBSERVATION WELLS

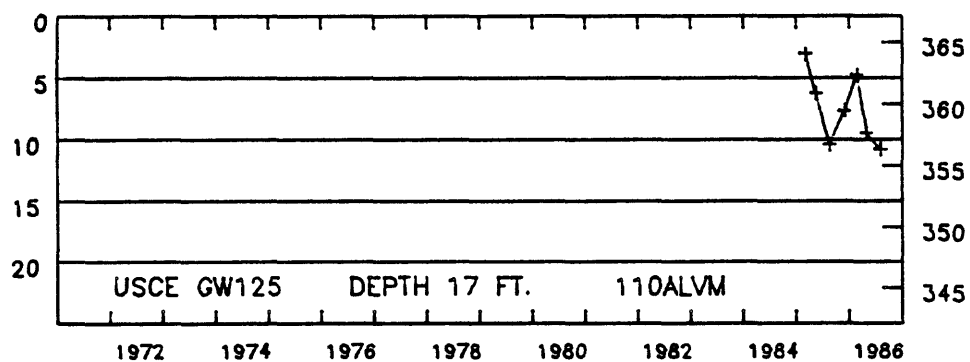
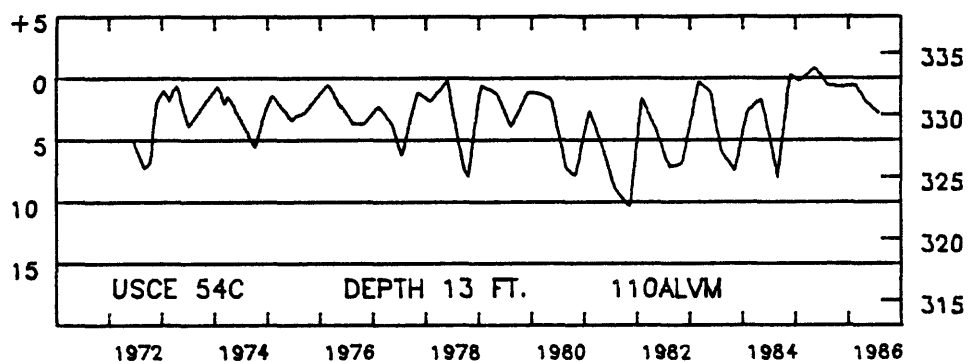


HYDROGRAPHS OF TENNESSEE-TOMBIGBEE OBSERVATION WELLS



HYDROGRAPHS OF TENNESSEE-TOMBIGBEE OBSERVATION WELLS

WATER LEVEL, IN FEET ABOVE(+) OR BELOW LAND SURFACE



WATER LEVEL, IN FEET ABOVE OR BELOW(-) SEA LEVEL

HYDROGRAPHS OF TENNESSEE-TOMBIGBEE OBSERVATION WELLS

APPENDIX A
GROUND-WATER DATA

WATER-QUALITY FIELD DETERMINATIONS .

GROUND-WATER WELLS

DEPTH
BELOW
LAND
SURFACE
(WATER
LEVEL)
(FEET)

LOCAL
IDENT-
IFIER

STATION
NUMBER

GEO-
LOGIC
UNIT

DATE

TIME

SAMPLE
SOURCE

SAM-
PLING
CONDI-
TION

ITAWAMBA COUNTY

E005 USCE 65A	342301088230101	211GORD	05-15-86	1145	26	0.1	-1.44
G065 USCE 67A	341610088264801	211GORD	05-21-86	0828	26	0.1	3.39

MONROE COUNTY

C059 USCE 95A	340054088281801	211GORD	05-20-86	1335	26	0.1	12.40
C067 USCE 95B	340054088281802	111ALVM	05-20-86	1500	26	0.1	1.08
H017 USCE TTM5A	335445088312501	211EUTW	05-21-86	1040	26	0.1	8.44
H018 USCE TTM5B	335445088312502	111ALVM	05-21-86	1120	26	0.1	9.24
L073 USCE TTM4A	334910088311501	211EUTW	05-21-86	1325	26	0.1	30.15
L074 USCE TTM4B	334910088311502	111ALVM	05-21-86	1300	26	0.1	12.45

PRENTISS COUNTY

B034 THRASHER W A	344251088323001	211EUTW	05-12-86	1700	26	8.00	--
F011 BOONEVILLE	343949088335301	211EUTWL	05-13-86	0930	26	8.00	--
M020 USCE 51A	342917088212701	211GORD	05-14-86	1240	26	0.1	33.05
M028 USCE GW123A	342838088215001	111ALVM	05-14-86	1425	26	0.1	4.39

TISHOWINGO COUNTY

D042 USCE 12C	344638088200104	211EUTWR	05-13-86	1613	26	0.1	57.01
J014 USCE 34B	344053088161203	211EUTWR	05-15-86	0915	26	0.1	75.53
J018 USCE 31A	344017088180402	211GORD	05-13-86	1340	26	8.00	35.13
J019 USCE 31B	344017088180403	211EUTWR	05-13-86	1345	26	0.1	11.80
L033 USCE 54B	342854088194102	111ALVM	05-14-86	1724	26	0.1	1.80

GROUND-WATER WELLS--Continued

LOCAL IDENT- IFIER	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)
ITAWAMBA COUNTY							
E005 USCE 65A	130.00	325	25	10	118	6.80	17.5
G065 USCE 67A	179.00	270	20	10	139	6.60	16.5
MONROE COUNTY							
C059 USCE 95A	166.00	220	30	5.0	142	8.50	18.0
C067 USCE 95B	20.00	220	30	5.0	70	5.80	17.5
H017 USCE TTM5A	80.00	200	30	10	122	7.20	17.0
H018 USCE TTM5B	26.00	200	25	10	100	6.00	17.0
L073 USCE TTN4A	177.00	200	20	10	201	7.00	18.5
L074 USCE TTN4B	26.00	200	15	10	60	5.80	17.5
PRENTISS COUNTY							
B034 THRASHER W A	514.00	520	15	100	278	7.10	18.5
F011 BOONEVILLE	486.00	495	150	100	300	7.80	18.5
M020 USCE 51A	64.00	356	40	10	118	8.00	16.5
M028 USCE GW123A	23.00	316	25	5.0	105	6.60	16.0
TISHOMINGO COUNTY							
D042 USCE 12C	88.50	485	55	--	150	6.80	17.5
J014 USCE 34B	134.00	560	30	10	31	7.00	16.5
J018 USCE 31A	178.00	473	30	10	120	8.80	17.0
J019 USCE 31B	74.00	473	40	10	50	6.90	17.0
L033 USCE 54B	12.00	332	30	5.0	46	5.60	15.5

APPENDIX B
SURFACE-WATER DATA

APPENDIX B
SURFACE-WATER DATA

DESCRIPTIONS OF SITES

DESCRIPTIONS OF SURFACE-WATER SITES

STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	HYDRO- LOGIC UNIT CODE	DRAIN- AGE AREA (SQ. MI.)
SURFACE-WATER NETWORK						
03592824	TENN-TOM WATERWAY AT CROSS ROADS, MS	34 54 51	088 14 48	35	06030005	
343140088192235	TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3	34 31 40	088 19 22	35	03160101	
02430005	TENN-TOM WATERWAY BL BAY SPRINGS LOCK & DAM, MS	34 31 24	088 19 27	35	03160101	118
02430100	MACKEYS CREEK NR MODRES MILL, MS	34 29 13	088 20 44	00	03160101	620
02436500	TOWN CREEK NR NETTLETON, MS	34 03 32	088 37 40	00	03160102	
02437000	TOMBIGBEE RIVER NR AMORY, MS	33 59 07	088 33 03	00	03160101	1920
335008088311335	TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A	33 50 08	088 31 13	35	03160101	
02437101	TOMBIGBEE RIVER BL ABERDEEN LOCK AND DAM, MS	33 49 29	088 31 16	35	03160101	2040
02437600	JAMES CREEK AT ABERDEEN, MS	33 48 48	088 33 59	00	03160101	28.4
02439600	BUTTAHATCHEE RIVER NR KOLOLA SPRINGS, MS	33 40 24	088 25 45	00	03160103	855
333927088304935	TTW COLUMBUS LAKE BUTTAHATCHEE R BENDWAY 26A	33 39 27	088 30 49	35	03160101	
02441000	TIBBEE CREEK NR TIBBEE, MS	33 32 17	088 38 00	00	03160104	926
333119088291435	TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A	33 31 19	088 29 14	35	03160101	
02441391	TOMBIGBEE RIVER BL COLUMBUS LOCK AND DAM, MS	33 31 04	088 29 22	35	03160101	4440
02441498	TOMBIGBEE R COLUMBUS BEND SR 11B AT COLUMBUS, MS	33 26 06	088 29 38	35	03160101	
02443500	LUXAPALLILA CREEK NR COLUMBUS, MS	33 30 50	088 23 42	00	03160105	715
02443610	TOMBIGBEE R AT PRATT CAMP SR 5HB BL COLUMBUS, MS	33 20 30	088 23 40	00	03160106	
02444158	TOMBIGBEE RIVER AB ALICEVILLE LOCK AND DAM, AL	33 13 08	088 17 10	00	03160106	
02444161	TOMBIGBEE RIVER BL ALICEVILLE LOCK AND DAM, AL	33 12 37	088 17 19	01	03160106	5750
02444210	TOMBIGBEE R BIG CREEK BEND NR PICKENSVILLE, AL	33 11 11	088 16 03	00	03160106	
02446500	SIPSEY RIVER NR ELROD, AL	33 15 25	087 46 35	00	03160107	528
02447010	TOMBIGBEE RIVER AT COOKS BENDWAY NR WARSAW, AL	32 57 38	088 11 14	00	03160106	
02447020	TOMBIGBEE RIVER AB GAINESVILLE LOCK AND DAM, AL	32 51 38	088 09 25	00	03160106	
02448500	NOXUBEE RIVER NR GEIGER, AL	32 55 06	088 17 45	00	03160108	1090
02449000	TOMBIGBEE RIVER AT GAINESVILLE, AL	32 49 30	088 09 24	00	03160106	8630
02466998	TOMBIGBEE RIVER AB DENOPOLIS LOCK AND DAM, AL	32 30 55	087 51 27	00	03160201	
SITES NOT IN THE SURFACE-WATER NETWORK						
02448000	NOXUBEE RIVER AT MACON, MS	33 06 08	088 33 40	00	03160108	768
02469762	TOMBIGBEE RIVER BL COFFEEVILLE LOCK AND DAM, AL	31 45 30	088 07 35	00	03160203	18400

APPENDIX B
SURFACE-WATER DATA

WATER-QUALITY FIELD DETERMINATIONS AND ANALYSES

03592824 TENNESSEE-TOMBIGBEE WATERWAY AT CROSS ROADS, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	GAGE HEIGHT (FEET ABOVE DATUM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985	1100	--	--	--	--	--	20.4	--	--
	1101	1.00	--	116	7.10	17.5	--	--	--
	1102	5.00	--	117	7.30	17.5	--	--	--
	1103	10.0	--	118	7.30	16.5	--	--	--
FEB 1986	1104	15.0	--	118	7.40	16.5	--	--	--
	1030	--	9.29	--	--	--	34.2	--	--
	1031	1.00	--	102	7.90	9.0	--	12.5	110
	1032	5.00	--	103	8.00	8.5	--	12.2	106
MAR	1033	10.0	--	105	8.00	8.0	--	12.2	105
	1034	13.0	--	106	8.10	8.0	--	12.5	107
	0900	--	9.30	--	--	--	11.4	--	--
	0901	1.00	--	72	6.90	15.5	--	8.6	87
JUL	0902	5.00	--	72	7.00	15.5	--	8.4	85
	0903	10.0	--	72	7.00	15.5	--	8.4	85
	0904	14.0	--	72	7.10	15.5	--	8.3	84
	0900	--	13.65	--	--	--	59.0	--	--
JUL	0700	1.00	--	164	--	30.0	--	7.8	104
	0701	5.00	--	164	--	29.5	--	7.9	104
	0702	10.0	--	164	--	29.5	--	7.2	95
	0703	15.0	--	167	--	29.0	--	6.2	81
	0704	17.0	--	167	--	29.0	--	5.8	76

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985	1400	--	--	--	--	55.2	--	--
	1401	1.00	128	7.40	18.0	--	--	--
	1402	5.00	127	7.40	18.0	--	--	--
	1403	10.0	127	7.30	18.0	--	--	--
	1404	15.0	127	7.30	17.5	--	--	--
	1405	20.0	127	7.30	17.5	--	--	--
	1406	25.0	126	7.30	17.5	--	--	--
	1407	30.0	126	7.30	17.0	--	--	--
	1408	35.0	125	7.30	17.0	--	--	--
	1409	40.0	125	7.30	17.0	--	--	--
	1410	45.0	126	7.20	16.5	--	--	--
	1411	50.0	147	7.00	16.0	--	--	--
	1412	55.0	152	7.00	15.5	--	--	--
	1413	60.0	194	7.10	14.5	--	--	--
	1414	65.0	215	7.20	14.0	--	--	--
FEB 1986	1330	--	--	--	--	89.4	--	--
	1331	1.00	120	8.10	7.5	--	11.5	97
	1332	5.00	120	8.10	7.5	--	11.3	96
	1333	10.0	120	8.10	7.5	--	11.1	94
	1334	15.0	120	8.10	7.0	--	11.3	95
	1335	20.0	120	8.10	7.0	--	11.5	96
	1336	25.0	120	8.10	7.0	--	11.4	95
	1337	30.0	119	8.20	7.0	--	11.4	95
	1338	35.0	118	8.20	7.0	--	11.4	95
	1339	40.0	117	8.20	6.5	--	11.4	94
	1340	45.0	117	8.20	6.5	--	11.3	93
	1341	50.0	116	8.20	6.5	--	11.2	93
	1342	55.0	115	8.20	6.5	--	11.1	92
	1343	60.0	115	8.20	6.5	--	11.1	92
	1344	65.0	114	8.20	6.5	--	11.3	93

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAR 1986							
17...	1100	--	--	--	--	108	--
17...	1101	1.00	119	7.60	15.0	--	90
17...	1102	5.00	117	7.60	14.5	--	89
17...	1103	10.0	116	7.60	14.5	--	89
17...	1104	15.0	116	7.60	14.0	--	88
17...	1105	20.0	116	7.60	13.0	--	84
17...	1106	25.0	116	7.60	12.0	--	80
17...	1107	30.0	115	7.50	11.0	--	77
17...	1108	35.0	115	7.50	10.5	--	74
17...	1109	40.0	113	7.50	10.5	--	74
17...	1110	45.0	112	7.50	10.0	--	73
17...	1111	50.0	111	7.40	10.0	--	72
17...	1112	55.0	110	7.40	10.0	--	71
17...	1113	60.0	110	7.40	10.0	--	70
17...	1114	65.0	109	7.40	10.0	--	69
17...	1115	70.0	108	7.40	10.0	--	69
17...	1116	75.0	108	7.30	10.0	--	68
17...	1117	80.0	107	7.30	10.0	--	68
JUL							
07...	1200	--	--	--	--	134	--
07...	1201	1.00	134	--	31.0	--	101
07...	1202	5.00	134	--	30.0	--	101
07...	1203	10.0	134	--	29.5	--	100
07...	1204	15.0	133	--	29.0	--	96
07...	1205	20.0	132	--	28.5	--	81
07...	1206	25.0	132	--	27.0	--	52
07...	1207	30.0	130	--	24.0	--	12
07...	1208	35.0	127	--	19.5	--	7
07...	1209	40.0	127	--	17.5	--	5
07...	1210	45.0	129	--	15.5	--	5
07...	1211	50.0	128	--	15.0	--	5
07...	1212	55.0	127	--	14.5	--	5
07...	1213	60.0	136	--	13.5	--	5
07...	1214	65.0	145	--	13.0	--	5
07...	1215	70.0	147	--	13.0	--	4
07...	1216	75.0	146	--	12.5	--	4
07...	1217	79.0	146	--	12.5	--	5

02430005 TENN-TOM WATERWAY BL BAY SPRINGS LOCK & DAM, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
NOV 1985							
13...	1600	0.0	128	7.50	18.5	42.0	--
FEB 1986							
04...	1430	0.0	120	8.30	7.5	69.6	105
MAR							
17...	1300	0.0	117	7.60	15.5	108	90
JUL							
07...	1400	0.0	126	--	29.5	96.0	92

02430100 MACKEYS CREEK NEAR MOORES MILL, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
NOV 1985							
13...	1645	44	127	7.60	19.0	>23.8	--
FEB 1986							
04...	0815	25	116	8.00	10.0	>24.6	99
MAR							
17...	1500	42	92	7.30	16.5	>20.4	95
JUL							
07...	1600	73	122	7.60	29.5	>30.2	95

02436500 TOWN CREEK NEAR NETTLETON, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
NOV 1985							
12...	1500	126	334	8.20	22.0	>21.6	9.1 104
FEB 1986							
03...	1430	82	387	8.60	17.0	>24.0	12.8 133
MAR							
18...	0800	420	288	7.70	16.0	7.20	8.2 84
JUL							
08...	0900	51	375	8.50	28.5	>24.0	10.2 131

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SEDI- MENT, SUS- PENDE (MG/L)	MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 1985					
07...	1100	29	298	23	99
NOV					
22...	1100	170	216	99	92
JAN 1986					
06...	1115	105	247	70	92
FEB					
18...	1030	10200	1230	33900	82
MAR					
28...	1100	246	67	45	96
MAY					
01...	1040	57	17	2.6	81
JUN					
06...	1045	989	275	734	88
06...	1200	928	5000	12500	80
06...	1445	11500	3480	108000	80
06...	1700	14700	2270	90100	73
06...	1900	12300	--	--	--
07...	0800	5410	1120	16400	66
07...	1530	2870	913	7070	83
21...	0940	194	74	39	87
SEP					
15...	1100	37	24	2.4	88

02436500 TOWN CREEK NEAR NETTLETON, MS--Continued

DATE	TIME	SAMPLE											
		LOCAT.		MAT.		BED		BED		BED		BED	
		X-SECT.	SIEVE	MAT.	SIEVE	MAT.	SIEVE	MAT.	SIEVE	MAT.	SIEVE	MAT.	
		LOOKING	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	
		UPSTRM.	% FINER	% FINER	% FINER	% FINER	% FINER	% FINER	% FINER	% FINER	% FINER	% FINER	
		(% FROM	THAN	THAN	THAN	THAN	THAN	THAN	THAN	THAN	THAN		
		R BANK)	.062 MM	.125 MM	.250 MM	.500 MM	.500 MM	.500 MM	.500 MM	.500 MM	1.00 MM		
JUN 1986													
07...	1532	25.0	1	4	34	93	100						
07...	1534	50.0	1	1	11	84	100						
07...	1536	75.0	0	1	18	87	100						
DATE	TIME	SED.		SED.		SED.		SED.		SED.		SED.	
		SUSP.	SUSP.	SUSP.	SUSP.	SUSP.	SUSP.	SUSP.	SUSP.	SUSP.	SUSP.	SUSP.	
		FALL	FALL	FALL	FALL	FALL	FALL	FALL	FALL	FALL	FALL	FALL	
		DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.	
		% FINER	% FINER	% FINER	% FINER	% FINER	% FINER	% FINER	% FINER	% FINER	% FINER	% FINER	
		THAN	THAN	THAN	THAN	THAN	THAN	THAN	THAN	THAN	THAN	THAN	
		.002 MM	.004 MM	.008 MM	.016 MM	.031 MM	.062 MM	.125 MM	.250 MM	.500 MM	.500 MM	.500 MM	
JUN 1986	1900	31	38	44	53	62	73	85	96	100			
06...													

02437000 TOMBIGBEE RIVER NEAR AMORY, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCTI- ANCE (US/DM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
NOV 1985	1030	483	194	7.60	18.5	21.6	--	--
14...								
FEB 1986	1000	689	227	8.00	14.5	21.0	9.6	95
05...								
MAR	1200	2240	157	7.50	17.0	13.2	8.0	83
18...								
JUL	1200	570	175	8.80	31.5	14.0	8.0	108
08...								

335008088311335 ITW ABERDEEN LAKE SEDIMENTATION RANGE 1A

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
NOV 1985							
14...	1200	--	--	--	--	25.2	--
14...	1201	1.00	124	8.10	17.5	--	--
14...	1202	5.00	122	8.00	17.0	--	--
14...	1203	10.0	123	7.80	16.5	--	--
14...	1204	15.0	121	7.70	16.0	--	--
14...	1205	20.0	121	7.50	15.5	--	--
14...	1206	23.0	121	7.40	15.5	--	--
FEB 1986							
05...	1100	--	--	--	--	34.2	--
05...	1101	1.00	113	8.10	11.5	--	11.7
05...	1102	5.00	112	8.00	11.0	--	11.9
05...	1103	10.0	111	8.00	10.5	--	11.9
05...	1104	15.0	111	7.90	10.5	--	11.8
05...	1105	20.0	111	8.00	10.0	--	11.8
MAR							
18...	1300	--	--	--	--	12.0	--
18...	1301	1.00	134	7.40	16.5	--	6.9
18...	1302	5.00	134	7.40	16.5	--	6.9
18...	1303	10.0	134	7.40	16.5	--	6.8
18...	1304	15.0	133	7.40	16.5	--	6.8
18...	1305	19.0	133	7.40	16.5	--	6.8
JUL							
08...	1330	--	--	--	--	26.0	--
08...	1331	1.00	135	8.50	33.5	--	9.5
08...	1332	5.00	134	8.50	32.5	--	9.0
08...	1333	10.0	135	7.50	31.0	--	5.7
08...	1334	15.0	136	7.30	30.0	--	3.6
08...	1335	19.0	140	7.10	30.0	--	2.3

02437101 TOMBIGBEE RIVER BL ABERDEEN LOCK AND DAM, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
NOV 1985	1300	900	122	7.90	17.0	24.0	--
14...							--
FEB 1986	1200	1600	113	8.20	11.5	34.2	109
05...							11.8
MAR	1400	1600	132	7.50	17.0	12.0	91
18...							8.7
JUL	1500	212	137	8.70	32.0	24.0	98
08...							7.2

02437600 JAMES CREEK AT ABERDEEN, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
NOV 1985	1400	0.89	556	8.30	22.5	>5.40	9.5
12...							110
FEB 1986	1330	0.55	653	8.30	17.0	>3.00	11.6
03...							121
MAR	0930	2.1	489	8.10	17.5	>4.56	9.7
18...							102
JUL	1000	E0.03	604	8.10	30.0	>2.40	5.7
08...							75

02439600 BUTTAHATCHEE RIVER NR KOLOLA SPRINGS, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985	1630	578	30	7.20	18.0	21.2	9.0	94
15...								
FEB 1986	0930	1370	30	7.10	13.5	24.0	10.0	97
06...								
MAR	0930	2310	22	6.10	16.5	4.80	7.4	76
19...								
JUL	1830	268	27	6.70	29.0	30.0	8.0	104
09...								

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985								
15...	1300	--	--	--	--	20.4	--	--
15...	1301	1.00	152	7.00	18.0	--	10.7	112
15...	1302	5.00	148	7.10	17.0	--	10.2	105
15...	1303	10.0	148	7.20	17.0	--	10.0	103
15...	1304	15.0	148	7.20	17.0	--	10.0	103
FEB 1986								
05...	1500	--	--	--	--	26.4	--	--
05...	1501	1.00	164	8.20	12.0	--	12.2	114
05...	1502	5.00	165	8.10	11.5	--	12.1	112
05...	1503	10.0	167	8.10	11.0	--	12.2	111
05...	1504	15.0	168	8.10	11.0	--	12.0	109
MAR								
20...	1300	--	--	--	--	6.00	--	--
20...	1301	1.00	143	7.80	16.5	--	8.6	87
20...	1302	5.00	143	7.80	16.5	--	8.6	87
20...	1303	10.0	143	7.80	16.5	--	8.6	87
20...	1304	15.0	143	7.90	16.5	--	8.6	87
20...	1305	18.0	143	7.90	16.5	--	8.6	87
JUL								
09...	0830	--	--	--	--	26.2	--	--
09...	0831	1.00	164	7.20	30.5	--	6.6	88
09...	0832	5.00	164	7.20	30.5	--	6.5	87
09...	0833	10.0	165	7.10	30.5	--	5.2	69
09...	0834	15.0	172	6.90	30.0	--	2.9	38
09...	0835	17.0	177	6.90	29.5	--	2.0	26

02441000 TIBBEE CREEK NEAR TIBBEE, MS									
DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	
NOV 1985									
15...	1430	107	297	7.40	20.0	5.40	8.7	95	
FEB 1986									
06...	0830	627	320	7.70	15.0	6.00	8.8	88	
MAR									
19...	0800	3150	170	8.00	17.0	4.80	6.9	72	
JUL									
09...	1630	93	226	8.40	34.0	12.6	8.4	119	

333119088291435 T1W COLUMBUS LAKE SEDIMENTATION RANGE 1A

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
NOV 1985							
14...	1630	--	--	--	--	22.8	--
14...	1631	1.00	113	7.90	18.0	--	--
14...	1632	5.00	113	7.80	18.0	--	--
14...	1633	10.0	111	7.70	17.0	--	--
14...	1634	15.0	112	7.60	16.5	--	--
14...	1635	20.0	113	7.50	16.0	--	--
14...	1636	25.0	124	7.50	16.0	--	--
FEB 1986							
05...	1530	--	--	--	--	26.4	--
05...	1531	1.00	129	8.50	12.5	--	118
05...	1532	5.00	128	8.50	12.0	--	118
05...	1533	10.0	133	8.40	11.0	--	112
05...	1534	15.0	129	8.20	10.5	--	110
05...	1535	20.0	139	8.10	10.0	--	108
05...	1536	22.0	139	8.10	10.0	--	108
MAR							
20...	1200	--	--	--	--	6.00	--
20...	1201	1.00	135	7.70	16.0	--	82
20...	1202	5.00	132	7.70	16.0	--	79
20...	1203	10.0	133	7.70	16.0	--	77
20...	1204	15.0	132	7.70	16.0	--	77
20...	1205	20.0	133	7.70	16.0	--	77
20...	1206	25.0	132	7.60	16.0	--	76
20...	1207	29.0	132	7.60	16.0	--	75
JUL							
09...	1000	--	--	--	--	26.8	--
09...	1001	1.00	133	7.50	30.5	--	92
09...	1002	5.00	134	7.40	30.5	--	85
09...	1003	10.0	138	7.20	30.0	--	71
09...	1004	15.0	135	7.10	30.0	--	67
09...	1005	20.0	131	6.90	30.0	--	46
09...	1006	25.0	130	6.80	29.5	--	27

02441391 TOMBIGEE RIVER BL COLUMBUS LOCK AND DAM, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985								
14...	1500	3220	116	7.70	17.5	18.0	--	--
FEB 1986								
05...	1630	6800	163	8.40	11.5	28.2	12.0	111
MAR								
20...	0930	20900	142	7.80	15.5	6.00	9.8	97
JUL								
09...	1130	854	148	7.90	31.0	24.2	7.3	98

02441498 TOMBIGBEE R COLUMBUS BEND SR 11B AT COLUMBUS, MS

DATE	TIME	SAMPLING DEPTH (FEET)	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	TRANSPAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985							
13...	1200	--	118	7.20	16.5	18.8	10.2
13...	1201	5.00	118	7.20	16.5	--	10.2
13...	1202	8.00	119	7.10	16.0	--	9.6
JAN 1986							
21...	1400	--	139	7.80	8.0	25.5	12.4
21...	1401	5.00	134	8.10	8.0	--	12.0
21...	1402	10.0	140	7.60	7.5	--	12.2
21...	1403	15.0	140	7.40	7.5	--	12.2
21...	1404	20.0	140	7.30	7.5	--	11.8
21...	1405	25.0	140	7.30	7.5	--	11.8
21...	1406	27.0	140	7.00	7.5	--	11.5
MAR							
24...	1110	--	104	6.50	13.5	10.0	11.1
24...	1111	5.00	104	6.60	13.5	--	12.2
24...	1112	10.0	104	6.60	13.5	--	12.2
24...	1113	15.0	104	6.70	13.0	--	12.3
24...	1114	20.0	105	6.70	13.0	--	12.2
24...	1115	25.0	105	6.80	13.0	--	12.2
24...	1116	28.0	105	6.80	13.0	--	11.7
JUL							
14...	1145	--	138	7.50	31.5	18.5	7.9
14...	1146	5.00	133	7.60	31.0	--	7.5
14...	1147	10.0	132	7.40	30.5	--	6.3
14...	1148	15.0	130	7.40	30.0	--	5.9
14...	1149	20.0	128	7.30	30.0	--	5.5
14...	1150	25.0	127	7.30	30.0	--	5.5

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCTI- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
NOV 1985	0930	334	28	6.80	17.5	>44.4	9.1	94
15...								
FEB 1986	1100	942	27	6.90	15.0	22.2	9.7	97
06...								
MAR	1100	2310	25	6.10	17.0	4.80	7.5	78
19...								
JUL	1430	102	31	6.90	30.0	24.0	7.0	92
09...								

02443610 TOMBIGBEE R AT PRATT CAMP SR SHB BL COLUMBUS, MS

DATE	TIME	SAMPLING DEPTH (FEET)	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	TRANSPAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985	1450	--	115	7.70	18.0	20.5	10.0
	1451	5.00	113	7.60	17.0	--	9.9
	1452	10.0	113	7.40	15.5	--	8.0
	1453	15.0	137	7.30	15.0	--	7.7
	1454	19.0	139	7.40	14.5	--	4.4
JAN 1986	0900	--	137	8.80	8.0	32.3	13.9
	0901	5.00	141	8.40	8.0	--	13.6
	0902	10.0	143	8.20	8.0	--	13.6
	0903	15.0	178	8.00	7.5	--	13.0
	1325	--	118	6.90	18.0	9.25	9.8
MAR	1326	5.00	114	7.00	13.5	--	10.1
	1327	10.0	113	7.00	13.5	--	10.2
	1328	15.0	114	7.00	13.0	--	10.2
	1329	17.0	115	7.00	13.0	--	9.4
	1400	--	111	7.90	33.5	28.0	7.7
JUL	1401	5.00	111	8.00	31.0	--	7.8
	1402	10.0	112	7.60	30.5	--	4.1
	1403	15.0	122	6.90	29.0	--	0.4
	14...						

02444158 TOMBIGBEE RIVER AB ALICEVILLE LOCK AND DAM, AL

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCTI- VANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985							
14...	1000	--	104	7.20	17.0	21.8	9.5
14...	1001	5.00	105	7.20	17.0	--	9.4
14...	1002	10.0	104	7.20	16.0	--	8.6
14...	1003	15.0	104	7.10	15.5	--	8.2
14...	1004	20.0	104	7.10	15.5	--	8.0
14...	1005	25.0	103	7.10	15.5	--	8.2
14...	1006	26.0	104	7.10	15.5	--	7.6
JAN 1986							
22...	1045	--	124	8.90	7.5	32.5	13.3
22...	1046	5.00	125	9.00	7.5	--	13.6
22...	1047	10.0	125	8.90	7.5	--	13.3
22...	1048	15.0	124	8.70	7.5	--	13.6
22...	1049	20.0	124	8.60	7.5	--	13.5
22...	1050	25.0	125	8.60	7.5	--	13.5
22...	1051	26.0	125	8.70	7.5	--	13.3
MAR							
24...	1425	--	103	7.10	17.0	9.50	10.3
24...	1426	5.00	104	7.20	13.5	--	10.5
24...	1427	10.0	104	7.20	13.5	--	10.2
24...	1428	15.0	105	7.10	13.5	--	10.2
24...	1429	20.0	105	7.10	13.5	--	10.0
24...	1430	25.0	105	7.00	13.5	--	10.0
24...	1431	30.0	105	6.70	13.5	--	9.4
JUL							
15...	0945	--	105	7.10	30.5	24.0	3.4
15...	0946	5.00	105	7.10	30.5	--	3.3
15...	0947	10.0	105	7.10	30.5	--	3.2
15...	0948	15.0	105	7.10	30.5	--	3.4
15...	0949	20.0	105	7.10	30.5	--	2.9
15...	0950	25.0	106	7.10	30.5	--	2.7
15...	0951	28.0	106	7.00	30.5	--	2.7

024444161 TOMBIGBEE RIVER BL ALICEVILLE LOCK AND DAM, AL

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985							
14...	1155	--	104	7.70	16.5	20.8	10.2
14...	1156	5.00	105	7.60	16.5	--	10.1
14...	1157	10.0	105	7.50	16.5	--	10.0
14...	1158	14.0	105	7.30	16.0	--	9.8
JAN 1986							
22...	1250	--	121	8.70	7.5	30.5	13.5
22...	1251	5.00	123	8.60	7.5	--	13.8
22...	1252	10.0	124	8.60	7.5	--	13.6
22...	1253	14.0	124	8.60	7.5	--	13.7
MAR							
25...	0930	--	101	6.20	14.0	7.00	11.0
25...	0931	5.00	101	6.40	14.0	--	11.5
25...	0932	10.0	101	6.50	14.0	--	11.7
25...	0933	15.0	102	6.60	14.0	--	11.7
JUL							
15...	1140	--	104	7.10	30.5	15.0	7.6
15...	1141	5.00	104	7.20	30.5	--	7.7
15...	1142	10.0	104	7.20	30.5	--	7.7
15...	1143	14.0	104	7.20	30.5	--	7.5

02444210 TOMBIGBEE R BIG CREEK BEND NR PICKENSVILLE, AL

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985							
14...	1320	--	70	7.10	19.5	14.5	8.5
14...	1321	3.00	75	7.00	19.0	--	8.0
JAN 1986							
22...	1340	--	65	8.00	9.5	19.5	11.0
22...	1341	5.00	64	7.80	9.5	--	11.6
MAR							
25...	1015	--	46	5.90	14.5	8.00	8.1
25...	1016	4.50	47	6.10	14.5	--	8.1
JUL							
15...	1220	--	87	6.90	31.0	10.3	4.8
15...	1221	3.00	87	6.90	30.5	--	4.3

02446500 SIPSEY RIVER NR ELROD, AL

DATE	TIME	SAM- PLING DEPTH (FEET)	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1985								
01...	1230	--	474	74	--	18.0	--	--
NOV								
12...	1200	--	312	96	--	14.0	--	--
DEC								
16...	1200	--	942	57	--	4.0	--	--
JAN 1986								
21...	1100	--	--	85	6.20	7.0	45.5	10.1
21...	1115	--	292	80	--	7.0	--	--
FEB								
24...	1100	--	906	63	--	11.0	--	--
MAR								
27...	1010	--	--	68	6.70	15.0	6.60	7.9
27...	1011	5.00	--	65	6.60	15.0	--	7.7
27...	1012	10.0	--	66	6.60	15.0	--	7.4
APR								
01...	1100	--	487	86	--	17.0	--	--
MAY								
12...	1130	--	96	105	--	20.0	--	--
JUN								
23...	1135	--	169	108	--	27.0	--	--
JUL								
17...	1100	--	--	93	6.60	27.5	27.5	6.1
17...	1101	4.00	--	96	6.80	27.0	--	6.3
AUG								
01...	1000	--	62	104	--	28.0	--	--
SEP								
15...	1045	--	60	108	--	27.0	--	--

02447010 TOMBIGBEE RIVER AT COOKS BENDWAY NR WARSAW, AL

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985							
15...	0845	--	106	7.30	16.5	20.5	8.8
15...	0846	5.00	108	7.20	16.5	--	8.9
15...	0847	10.0	107	7.20	16.5	--	8.8
15...	0848	15.0	106	7.10	16.5	--	8.7
15...	0849	20.0	108	7.10	16.5	--	8.6
15...	0850	25.0	108	7.10	16.5	--	8.7
15...	0851	30.0	108	7.10	16.5	--	8.6
15...	0852	35.0	108	7.10	16.5	--	8.7
15...	0853	40.0	111	7.00	16.5	--	7.8
JAN 1986							
23...	0940	--	120	8.00	7.5	8.69	13.4
23...	0941	5.00	120	7.90	7.5	--	13.7
23...	0942	10.0	120	7.90	7.5	--	13.7
23...	0943	15.0	120	7.90	7.5	--	13.8
23...	0944	20.0	120	7.90	7.5	--	13.5
23...	0945	25.0	120	7.80	7.5	--	13.5
23...	0946	27.0	119	7.80	7.5	--	13.1
MAR							
25...	1400	--	95	6.50	15.0	8.75	9.6
25...	1401	5.00	97	6.90	15.5	--	10.1
25...	1402	10.0	97	6.90	15.0	--	10.1
25...	1403	15.0	97	6.90	14.5	--	10.1
25...	1404	20.0	97	6.90	14.5	--	9.6
25...	1405	25.0	97	6.90	14.5	--	9.9
25...	1406	30.0	97	6.80	14.5	--	9.7
25...	1407	35.0	98	6.90	14.5	--	9.9
25...	1408	40.0	98	6.60	14.5	--	9.8
25...	1409	44.0	97	6.60	14.5	--	9.8
JUL							
16...	0855	--	119	6.70	31.0	20.5	4.5
16...	0856	5.00	117	6.80	31.0	--	4.3
16...	0857	10.0	116	6.90	31.0	--	4.3
16...	0858	15.0	113	6.90	31.0	--	4.3
16...	0859	20.0	113	7.00	31.0	--	3.9
16...	0900	25.0	112	6.90	30.5	--	2.8
16...	0901	30.0	111	6.90	30.5	--	3.0
16...	0902	35.0	116	6.90	30.5	--	1.0
16...	0903	40.0	128	6.80	30.0	--	0.0

024447020 TOMBIGBEE RIVER AB GAINESVILLE LOCK AND DAM, AL

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985							
15...	1045	--	115	7.50	16.5	20.5	9.2
15...	1046	5.00	115	7.40	16.5	--	8.9
15...	1047	10.0	115	7.30	16.5	--	9.0
15...	1048	15.0	115	7.30	16.5	--	8.6
15...	1049	20.0	115	7.20	16.5	--	8.6
15...	1050	25.0	115	7.20	16.5	--	8.6
15...	1051	30.0	115	7.20	16.0	--	8.6
15...	1052	35.0	115	7.20	16.0	--	8.5
15...	1053	40.0	115	7.20	16.0	--	8.6
15...	1054	45.0	115	7.20	16.0	--	8.3
15...	1055	49.0	115	7.10	16.0	--	8.2
JAN 1986							
23...	1120	--	116	9.10	7.5	34.5	13.6
23...	1121	5.00	116	8.80	7.5	--	13.8
23...	1122	10.0	116	8.60	7.5	--	13.6
23...	1123	15.0	117	8.50	7.5	--	13.7
23...	1124	20.0	117	8.40	7.5	--	13.5
23...	1125	25.0	117	8.30	7.5	--	13.5
23...	1126	30.0	116	8.30	7.5	--	12.3
MAR							
26...	0920	--	98	6.40	14.0	9.25	10.0
26...	0921	5.00	99	6.60	14.0	--	10.1
26...	0922	10.0	99	6.60	14.0	--	10.1
26...	0923	15.0	100	6.60	14.0	--	10.2
26...	0924	20.0	100	6.70	14.0	--	10.1
26...	0925	25.0	100	6.70	14.0	--	10.1
26...	0926	30.0	100	6.80	14.0	--	10.1
26...	0927	35.0	100	6.80	14.0	--	10.1
26...	0928	39.0	100	6.80	14.0	--	9.5
JUL							
16...	1050	--	110	6.70	31.0	25.5	4.2
16...	1051	5.00	108	6.80	30.5	--	4.2
16...	1052	10.0	108	6.80	30.5	--	3.7
16...	1053	15.0	108	6.90	30.5	--	3.5
16...	1054	20.0	108	6.90	30.5	--	3.3
16...	1055	25.0	109	7.00	30.5	--	3.3
16...	1056	30.0	109	7.00	30.5	--	3.4
16...	1057	35.0	109	7.00	30.5	--	3.6
16...	1058	40.0	109	7.00	30.5	--	3.5
16...	1059	45.0	110	7.00	30.5	--	3.5

02448000 NOXUBEE RIVER AT MACON, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 1985					
22...	1400	93	29	7.3	--
DEC					
02...	1650	153	25	10	--
JAN 1986					
06...	1650	171	12	5.5	--
FEB					
25...	1615	194	131	69	90
APR					
01...	1005	258	48	33	86
MAY					
13...	0845	303	335	274	78
JUN					
17...	0940	267	49	35	97
JUL					
30...	0915	66	36	6.4	--
SEP					
03...	0915	101	38	10	--

02448500 NOXUBEE RIVER NR GEIGER, AL

DATE	TIME	SAM- PLING DEPTH (FEET)	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCTI- VANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)
OCT 1985								
03...	1415	--	285	182	--	18.0	--	--
NOV								
13...	1400	--	291	175	--	16.0	--	--
18...	1450	--	--	129	7.40	18.0	13.8	7.6
18...	1451	5.00	--	131	7.50	18.0	--	7.6
DEC								
18...	1515	--	1500	165	--	8.0	--	--
JAN 1986								
22...	1415	--	283	175	--	7.0	--	--
22...	1550	--	--	136	8.40	8.0	26.5	11.6
FEB								
26...	1430	--	347	182	--	9.0	--	--
MAR								
25...	1630	--	--	88	7.40	13.5	8.00	8.7
APR								
03...	1445	--	394	167	--	19.0	--	--
MAY								
08...	1300	--	144	182	--	21.0	--	--
JUN								
24...	1415	--	158	172	--	27.0	--	--
JUL								
15...	1600	--	--	138	7.40	30.5	12.0	5.8
15...	1601	2.00	--	141	7.70	30.5	--	5.7
AUG								
05...	1350	--	60	142	--	29.0	--	--
SEP								
17...	1335	--	65	155	--	27.0	--	--

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL

DATE	TIME	SAMPLING DEPTH (FEET)	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (US/DM)	PH (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	TRANSPARENCY (SECCHI DISK) (IN)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)
OCT 1985									
18...	0915	--	E3000	126	7.30	22.0	--	9.3	105
NOV									
15...	1315	--	E6800	118	7.50	17.0	--	7.8	80
15...	1316	--		120	7.80	17.0	20.7	10.1	--
15...	1317	--		120	7.60	16.5	--	9.8	--
15...	1318	5.00		118	7.50	16.5	--	9.8	--
15...	1319	10.0		118	7.50	16.5	--	9.8	--
15...	1320	15.0		118	7.40	16.5	--	9.5	--
15...	1320	16.0	--	118	7.40	16.5	--	9.5	--
DEC									
10...	0910	--	E600	128	7.30	13.5	--	11.0	105
JAN 1986									
23...	1350	--		116	8.60	7.5	26.0	12.8	--
23...	1351	--		116	8.40	7.5	--	12.8	--
23...	1352	5.00		116	8.30	7.5	--	12.8	--
23...	1353	10.0		116	8.20	7.5	--	12.7	--
23...	1354	15.0		116	8.20	7.5	--	12.5	--
23...	1415	17.0	E4200	116	7.50	7.5	--	12.5	103
FEB									
18...	0935	--	E12000	130	7.60	9.5	--	13.2	116
MAR									
04...	0940	--	E1100	120	7.30	12.5	--	12.2	114
26...	1120	--		103	7.20	14.0	8.50	10.5	--
26...	1121	5.00		105	7.40	14.0	--	10.4	--
26...	1122	10.0		104	7.20	14.0	--	10.3	--
26...	1123	15.0		105	7.20	14.0	--	10.4	--
26...	1124	20.0	--	105	7.20	14.0	--	10.2	--
APR									
14...	0945	--	E5000	107	7.40	20.0	--	8.6	95
MAY									
08...	0940	--	E400	122	7.30	23.0	--	8.4	98
JUN									
09...	0945	--	E16800	104	7.40	27.5	--	7.9	100
JUL									
16...	1217	--		114	8.10	31.5	25.5	8.2	--
16...	1218	5.00		115	7.90	31.0	--	8.3	--
16...	1219	10.0		118	7.90	30.5	--	6.6	--
16...	1220	15.0		118	7.70	30.5	--	6.2	--
16...	1221	16.0		120	7.70	30.5	--	5.8	--
16...	1250	--	E320	117	7.50	30.5	--	7.0	94
AUG									
21...	1015	--	E300	148	7.40	30.0	--	7.2	95
SEP									
10...	1000	--	E360	155	7.30	28.0	--	7.8	100

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL--Continued

DATE	TIME	TUR- BID- ITY (NTU)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML)	STREP- TOCOCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CACO3)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CACO3	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM
OCT 1985										
18...	0915	6.0	K25	K10	42	14	14	1.7	5.9	22
NOV										
15...	1315	15	K10	K16	44	16	15	1.6	3.3	13
DEC										
10...	0910	10	K25	K6	44	16	15	1.7	4.6	17
JAN 1986										
23...	1415	7.6	K3	K0	39	15	13	1.6	4.5	19
FEB										
18...	0935	11	K25	K9	45	12	15	1.7	6.4	23
MAR										
04...	0940	36	38	K8	44	17	15	1.6	3.5	14
APR										
14...	0945	28	--	K8	42	19	14	1.6	3.2	14
MAY										
08...	0940	20	K3	K9	47	13	16	1.6	4.3	16
JUN										
09...	0945	28	K8	28	38	13	13	1.4	3.3	15
JUL										
16...	1250	4.0	29	K10	49	45	17	1.6	3.3	12
AUG										
21...	1015	7.3	K4	K3	63	22	22	1.9	15	33
SEP										
10...	1000	14	100	25	58	6	20	1.9	5.9	17

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL---Continued

DATE	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	BICAR- BONATE IT-FLD (MG/L AS HCO3)	ALKA- LINITY, CARBON- ATE IT-FLD (MG/L - CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)
OCT 1985										
18....	0.4	2.1	--	--	9.2	7.9	<0.10	3.4	78	61
NOV										
15....	0.2	2.6	--	--	9.0	6.5	<0.10	6.8	82	63
DEC										
10....	0.3	2.5	--	--	12	8.1	<0.10	6.1	69	66
JAN 1986										
23....	0.3	1.7	29	--	11	8.5	<0.10	5.7	63	60
FEB										
18....	0.4	1.6	--	--	12	11	<0.10	4.5	74	72
MAR										
04....	0.2	2.1	--	--	12	6.1	<0.10	5.4	70	63
APR										
14....	0.2	1.8	28	23	10	5.4	<0.10	5.2	71	56
MAY										
08....	0.3	1.7	41	34	10	6.4	<0.10	3.5	72	64
JUN										
09....	0.2	1.9	30	--	10	4.4	<0.10	5.3	61	56
JUL										
16....	0.2	2.0	5.0	--	9.4	4.8	0.10	5.2	74	46
AUG										
21....	0.9	2.1	50	41	24	7.7	0.10	4.8	102	100
SEP										
10....	0.4	2.3	64	--	10	9.1	0.20	3.6	99	85

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL--Continued

DATE	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHOPHOS- PHATE DIS- SOLVED (MG/L AS P)	SEDI- MENT, SUS- PENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 1985										
18...	0.11	0.0	<0.100	<0.010	0.60	0.040	<0.010	<0.010	15	90
NOV										
15...	0.11	0.0	0.260	0.190	0.50	0.060	0.040	<0.010	--	90
DEC										
10...	0.09	0.0	0.200	0.020	0.50	0.040	0.020	0.010	22	94
JAN 1986										
23...	0.09	0.0	<0.100	0.030	0.60	0.050	0.030	0.020	14	81
FEB										
18...	0.10	0.0	<0.100	0.020	0.60	0.050	0.010	<0.010	33	83
MAR										
04...	0.09	0.0	0.320	0.080	0.50	0.090	0.020	0.010	48	78
APR										
14...	0.10	0.0	0.150	0.100	0.60	0.070	0.020	0.020	25	92
MAY										
08...	0.10	0.0	0.100	0.050	0.50	0.060	0.050	0.030	14	89
JUN										
09...	0.08	0.0	0.430	0.060	0.60	0.090	0.030	0.020	43	83
JUL										
16...	0.10	0.0	<0.100	0.020	0.70	0.030	0.020	0.020	13	93
AUG										
21...	0.14	0.0	<0.100	0.020	0.50	0.040	0.040	0.030	11	97
SEP										
10...	0.13	0.0	<0.100	0.050	--	--	0.030	<0.010	39	82

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL--Continued

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
OCT 1985										
18...	30	<1	29	0.6	2	<1	<3	2	73	<1
FEB 1986										
18...	20	<1	26	<0.5	<1	4	<3	2	120	2
AUG										
21...	20	1	30	<0.5	<1	<1	<3	1	8	<5

DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELF- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 1985										
18...	<4	1	0.1	<10	33	<1	<1	99	<6	5
FEB 1986										
18...	<4	3	<0.1	<10	7	<1	<1	110	<6	10
AUG										
21...	<4	<1	<0.1	<10	1	<1	<1	150	<6	12

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL--Continued

SPECIFIC CONDUCTANCE, MICRO SIEMENS PER CENTIMETER AT 25 DEG. C, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	146	128	145	137	145	122	138	115	119	113	145	123
2	152	135	143	139	149	126	149	109	129	113	147	119
3	149	133	141	138	161	127	163	107	135	116	134	112
4	140	134	140	136	154	128	133	114	138	115	136	109
5	138	134	137	131	163	128	133	109	192	114	129	109
6	140	135	139	130	150	126	146	113	168	137	128	104
7	140	135	142	132	148	129	144	111	170	130	134	105
8	138	133	145	129	140	127	132	110	200	146	127	104
9	137	129	134	129	142	129	135	113	171	135	143	101
10	132	128	133	122	137	130	122	108	199	128	115	104
11	134	128	129	120	140	130	147	108	151	125	130	102
12	131	124	130	117	161	129	150	110	156	120	134	100
13	128	121	134	114	175	162	140	108	169	117	148	107
14	128	118	127	116	166	162	147	110	160	117	144	133
15	128	114	132	115	165	163	143	113	137	125	144	138
16	130	114	133	115	163	156	132	115	139	128	159	145
17	135	120	127	115	156	147	129	112	149	134	151	140
18	130	124	135	114	146	138	129	111	142	129	147	136
19	133	128	123	114	140	135	145	114	150	131	149	129
20	136	131	126	110	141	130	154	111	152	142	146	120
21	140	134	137	113	144	126	148	111	157	141	143	130
22	143	138	122	113	128	122	148	110	166	155	134	132
23	167	134	124	112	141	122	144	112	173	164	131	117
24	148	132	127	113	142	119	137	114	171	158	116	109
25	150	141	125	112	149	116	133	113	178	153	110	107
26	155	146	127	114	146	120	161	115	155	143	113	106
27	174	149	134	115	133	117	150	114	164	137	128	107
28	160	151	146	116	135	118	169	119	143	131	122	108
29	154	150	139	118	152	119	126	112	---	---	124	104
30	160	150	149	121	147	113	129	112	---	---	123	99
31	164	147	---	---	147	111	124	113	---	---	121	98
MONTH	174	114	149	110	175	111	169	107	200	113	159	98

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL---Continued

SPECIFIC CONDUCTANCE, MICRO SIEMENS PER CENTIMETER AT 25 DEG. C, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	118	93	141	119	167	156	134	114	149	136	147	142
2	121	93	136	116	156	143	130	117	148	127	154	144
3	110	95	138	118	156	137	131	117	140	127	154	142
4	130	98	147	123	148	131	118	114	149	137	162	151
5	136	94	126	116	188	134	129	115	152	138	159	147
6	121	97	140	121	159	128	131	116	147	139	154	146
7	124	99	139	122	131	117	126	110	153	141	169	150
8	139	104	139	120	124	116	128	112	151	137	156	149
9	128	102	140	123	121	103	138	128	141	130	156	149
10	126	105	148	124	121	104	127	118	142	132	159	150
11	133	105	143	122	143	120	133	117	147	132	153	147
12	109	105	138	122	154	142	128	116	163	140	152	146
13	127	107	129	123	148	142	136	122	160	142	151	145
14	126	107	156	124	149	139	146	117	158	144	151	146
15	144	107	154	127	151	139	132	116	159	142	152	148
16	129	113	158	128	151	135	131	119	152	144	156	150
17	122	113	165	130	159	133	137	117	153	139	155	148
18	128	109	162	129	137	132	137	117	154	141	159	149
19	133	110	173	135	139	130	148	115	147	140	157	150
20	125	111	193	143	142	129	147	120	151	142	169	152
21	144	113	215	136	140	129	142	120	152	128	162	149
22	135	113	188	140	138	126	158	122	152	141	156	151
23	123	116	167	136	138	125	139	124	146	141	157	149
24	137	113	168	135	145	122	147	131	148	145	161	153
25	141	114	173	135	129	120	152	126	152	144	164	160
26	127	115	156	133	137	118	147	128	153	145	167	160
27	137	114	148	131	140	119	146	126	156	144	165	156
28	136	117	163	138	133	117	135	123	151	144	162	148
29	139	118	165	149	135	149	138	125	149	142	157	151
30	142	116	170	161	137	115	144	137	152	143	157	152
31	---	---	172	158	---	---	151	139	154	146	---	---
MONTH	144	93	215	116	188	103	158	110	163	127	169	142
YEAR	215	93										

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	23.5	22.0	20.5	20.0	17.5	17.0	6.0	5.5	8.0	7.0	12.5	12.0
2	22.5	21.0	20.0	19.5	17.0	16.0	5.5	5.5	8.0	7.5	12.5	11.0
3	23.0	21.5	19.5	19.0	16.0	15.0	6.0	5.5	8.5	7.5	13.0	11.5
4	22.5	21.5	19.0	18.0	15.5	14.0	6.0	5.5	10.0	8.5	13.0	12.0
5	22.0	21.0	18.0	17.5	15.0	13.0	6.0	5.5	12.0	8.5	13.0	11.5
6	22.0	20.5	17.5	17.0	15.0	13.0	6.0	5.0	12.5	11.0	13.0	12.0
7	21.0	20.0	17.0	16.5	14.0	12.0	6.0	5.5	12.0	11.0	13.0	12.0
8	21.0	20.0	16.5	15.0	13.5	12.5	6.0	5.0	12.5	11.0	13.0	12.0
9	20.5	20.0	16.5	16.0	14.0	12.0	5.5	5.0	12.0	11.5	13.5	12.5
10	21.5	20.0	16.5	15.0	13.5	13.0	5.5	5.5	12.0	11.0	14.5	13.0
11	21.5	20.5	16.5	15.5	13.5	13.0	6.0	5.0	11.0	10.0	15.0	13.5
12	21.5	20.5	16.5	15.5	13.5	12.5	6.5	5.0	10.0	9.5	15.5	14.0
13	21.5	21.0	16.5	16.0	12.5	11.5	6.0	5.5	10.0	8.0	15.5	14.5
14	22.0	21.0	16.5	16.0	11.0	10.0	6.5	5.5	9.5	8.0	16.0	15.5
15	22.0	21.5	18.0	16.5	10.0	9.5	6.0	5.5	9.5	9.0	16.0	15.5
16	22.0	21.5	18.0	17.0	9.0	8.5	6.5	5.5	9.0	8.5	16.5	16.0
17	22.5	21.5	17.5	17.0	8.5	7.5	6.5	6.0	9.5	9.0	17.0	16.5
18	22.5	22.0	17.0	16.0	8.0	7.0	7.0	6.5	10.0	9.5	17.0	16.5
19	22.5	21.5	18.0	17.0	7.0	6.5	7.0	6.5	10.5	9.5	17.0	17.0
20	24.0	22.0	18.0	17.5	7.0	5.5	7.5	6.5	11.5	11.0	17.0	16.0
21	23.5	23.0	17.5	17.0	6.5	5.0	8.0	7.0	12.0	11.5	16.0	15.0
22	23.5	23.0	17.0	16.5	6.5	6.0	7.5	7.0	12.5	12.0	15.0	14.5
23	24.5	23.0	17.0	16.5	6.5	6.0	7.5	7.0	12.5	12.0	14.0	13.5
24	24.5	24.5	17.0	16.5	6.5	6.0	8.0	7.0	13.0	12.5	13.5	13.0
25	24.5	24.0	17.5	16.5	6.0	5.0	7.5	7.5	13.0	12.0	14.0	13.0
26	24.0	24.0	17.5	17.0	5.0	4.0	8.0	7.5	13.5	12.5	14.5	13.5
27	24.0	21.5	18.0	17.5	5.0	4.5	7.0	6.5	13.0	12.5	15.0	14.0
28	22.5	22.0	18.0	17.5	5.5	4.5	6.5	5.0	13.0	12.0	15.5	14.5
29	22.0	21.5	17.5	17.5	6.0	4.5	7.0	6.0	---	---	16.0	15.0
30	21.5	21.0	17.5	17.0	5.5	4.5	7.0	6.5	---	---	17.0	15.5
31	21.0	20.5	---	---	5.5	5.0	7.5	6.0	---	---	17.5	16.0
MONTH	24.5	20.0	20.5	15.0	17.5	4.0	8.0	5.0	13.5	7.0	17.5	11.0

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN		MAX	MIN		MAX	MIN		MAX	MIN		MAX	MIN		MAX	MIN	
1	17.5	16.5		23.0	20.5		26.0	25.0		30.5	29.5		33.0	31.0		27.5	27.0	
2	19.0	17.0		22.5	21.0		26.5	25.5		30.0	29.5		32.0	31.5		28.0	27.0	
3	18.5	17.5		23.0	21.0		27.0	26.0		31.0	29.5		32.0	31.0		27.5	27.0	
4	20.0	18.0		22.5	21.5		27.0	26.0		30.5	29.5		32.0	30.5		27.5	26.0	
5	20.0	18.0		23.5	21.0		27.0	26.0		31.0	29.5		31.5	30.0		28.0	26.5	
6	20.0	18.5		23.0	22.0		27.5	26.5		31.0	29.5		31.0	29.5		28.0	27.0	
7	20.0	19.0		23.5	22.5		27.0	26.5		31.0	29.5		31.0	29.5		28.0	27.0	
8	21.0	20.0		23.5	22.0		27.5	27.0		31.5	30.0		30.5	29.5		28.0	27.0	
9	21.0	19.5		25.5	22.5		27.5	27.0		31.5	30.0		30.5	29.5		28.0	27.0	
10	21.0	19.5		25.5	23.5		27.5	27.0		31.5	30.0		30.5	29.5		28.0	27.0	
11	20.5	19.5		24.5	23.0		27.5	27.0		31.0	30.0		30.0	29.5		28.5	27.0	
12	20.0	19.5		23.5	23.0		27.5	27.0		31.5	29.5		30.0	28.5		28.0	27.0	
13	21.0	19.0		24.0	23.0		28.0	27.5		32.0	30.0		30.5	28.5		28.5	27.0	
14	21.5	19.0		25.0	23.5		28.0	27.5		31.5	30.0		30.0	29.0		28.0	26.5	
15	21.0	19.5		24.5	23.5		28.5	27.5		31.0	30.0		30.0	28.5		29.0	27.0	
16	20.0	19.5		24.5	23.5		28.5	28.0		31.5	29.5		30.0	29.5		28.0	26.5	
17	20.5	19.0		25.0	24.0		29.0	28.0		30.5	30.0		31.0	29.5		28.0	27.0	
18	20.5	19.0		24.5	24.0		30.0	28.5		31.5	30.0		31.0	29.5		27.5	27.0	
19	20.0	19.0		25.0	24.0		30.0	28.5		32.0	30.0		31.0	29.5		28.0	27.0	
20	20.0	19.5		24.5	22.5		30.5	28.5		32.0	30.5		31.0	29.5		28.0	27.0	
21	20.0	19.0		24.5	22.5		30.0	28.5		31.5	30.5		31.0	29.5		28.5	27.5	
22	20.0	19.0		24.0	23.5		31.0	29.0		31.0	30.0		30.5	29.5		29.0	27.5	
23	20.5	19.0		25.5	23.5		31.0	29.0		32.0	30.0		30.5	29.0		28.5	27.5	
24	20.5	19.0		26.0	24.0		31.0	29.5		32.0	30.0		31.0	29.5		29.0	27.5	
25	21.0	19.5		25.5	24.5		30.5	29.5		32.5	30.5		31.5	29.5		29.0	28.0	
26	22.5	19.5		25.0	24.5		31.0	29.5		32.0	30.5		31.0	30.0		29.5	28.0	
27	21.5	19.5		25.0	24.5		31.5	30.0		32.0	30.5		30.5	30.0		29.0	27.5	
28	22.0	20.0		25.0	24.5		30.5	30.0		32.0	30.5		30.0	29.0		29.0	28.0	
29	22.0	20.0		25.0	24.5		30.5	29.5		33.0	31.0		29.0	28.0		29.0	28.0	
30	21.5	20.5		25.0	24.5		31.0	29.5		33.5	31.5		28.0	27.0		29.5	28.0	
31	---	---		25.5	25.0		---	---		33.0	31.0		27.0	26.0		---	---	
MONTH	22.5	16.5		26.0	20.5		31.5	25.0		33.5	29.5		33.0	26.0		29.5	26.0	
YEAR	33.5	4.0																

02466998 TOMBIGBEE RIVER AB DEMOPOLIS LOCK AND DAM, AL

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)
NOV 1985							
19...	0900	--	170	7.50	18.0	19.5	8.5
19...	0901	5.00	173	7.50	18.0	--	8.6
19...	0902	10.0	173	7.40	18.0	--	8.5
19...	0903	15.0	172	7.60	17.5	--	8.4
19...	0904	20.0	169	7.50	17.5	--	8.4
19...	0905	25.0	171	7.50	17.5	--	8.4
19...	0906	30.0	165	7.40	17.5	--	8.2
19...	0907	35.0	163	7.40	17.5	--	8.3
19...	0908	40.0	160	7.70	17.5	--	8.4
19...	0909	45.0	161	7.40	17.5	--	8.3
19...	0910	50.0	159	7.60	17.0	--	8.2
19...	0911	55.0	162	7.70	17.5	--	7.9
JAN 1986							
24....	0945	--	167	7.80	8.5	24.0	11.4
24....	0946	5.00	167	7.90	8.5	--	11.4
24....	0947	10.0	166	7.90	8.5	--	11.3
24....	0948	15.0	164	7.90	8.5	--	11.4
24....	0949	20.0	162	7.90	8.5	--	11.4
24....	0950	25.0	162	7.90	8.5	--	11.4
24....	0951	30.0	162	7.90	8.5	--	11.2
24....	0952	35.0	162	7.90	8.5	--	11.4
24....	0953	40.0	161	7.90	8.5	--	11.4
24....	0954	45.0	161	7.90	8.5	--	11.4
24....	0955	50.0	160	8.10	8.0	--	11.3
24....	0956	55.0	160	8.10	8.0	--	11.3
24....	0957	59.0	159	8.10	8.0	--	11.3

02466998 TOMBIGBEE RIVER AB DEMOPOLIS LOCK AND DAM, AL--Continued

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)
MAR 1986							
26...	1405	--	137	6.90	15.0	15.0	9.4
26...	1406	5.00	138	7.00	15.0	--	9.4
26...	1407	10.0	139	7.00	15.0	--	9.3
26...	1408	15.0	139	7.00	15.0	--	9.4
26...	1409	20.0	138	7.10	15.0	--	9.3
26...	1410	25.0	138	7.10	15.0	--	9.4
26...	1411	30.0	138	7.10	15.0	--	9.3
26...	1412	35.0	139	7.10	15.0	--	9.3
26...	1413	40.0	139	7.10	15.0	--	9.3
26...	1414	45.0	139	7.10	15.0	--	9.4
26...	1415	50.0	139	7.20	15.0	--	9.3
26...	1416	55.0	139	7.20	15.0	--	9.3
26...	1417	60.0	139	7.10	15.0	--	9.3
26...	1418	64.0	139	7.10	15.0	--	9.2
JUL							
17...	0750	--	202	6.90	32.0	31.0	4.4
17...	0751	5.00	196	7.10	32.0	--	4.4
17...	0752	10.0	195	7.10	32.0	--	4.4
17...	0753	15.0	192	7.20	32.0	--	4.4
17...	0754	20.0	192	7.20	32.0	--	4.3
17...	0755	25.0	190	7.20	32.0	--	4.2
17...	0756	30.0	184	7.30	32.0	--	3.9
17...	0757	35.0	177	7.30	32.0	--	3.7
17...	0758	40.0	168	7.30	31.5	--	2.7
17...	0759	45.0	165	7.20	31.5	--	2.5
17...	0800	50.0	159	7.20	31.5	--	1.2
17...	0801	55.0	160	7.10	31.0	--	0.7
17...	0802	56.0	160	7.10	31.0	--	0.5

02469762 TOMBIGBEE RIVER BL COFFEEVILLE LOCK AND DAM, AL

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE- WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
OCT 1985							
22...	1115	2500	195	7.50	24.0	8.2	97
FEB 1986							
11...	1325	17600	155	7.00	12.0	13.2	122
APR							
10...	1015	5690	170	7.30	19.0	9.6	103
AUG							
28...	1110	3400	290	6.90	30.0	7.9	104

02469762 TOMBIGBEE RIVER BL COFFEEVILLE LOCK AND DAM, AL--Continued

DATE	TIME	TUR- BID- ITY (NTU)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO
OCT 1985											
22...	1115	10	K40	K13	60	22	18	3.7	14	33	0.8
FEB 1986	1325	20	K180	100	55	25	17	3.1	8.5	24	0.5
APR	1015	22	35	K16	49	22	15	2.7	9.2	28	0.6
10...											
AUG	1110	5.3	K8	K8	77	36	21	5.8	21	36	1
28...											

POTAS- SIUM, DIS- SOLVED (MG/L AS K)	BICAR- BONATE IT-FLD (MG/L AS HCO3)	ALKA- LINITY, CARBON- ATE IT-FLD (MG/L - CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)
---	--	---	---	---	--	---	--	---	---

OCT 1985	2.2	--	--	27	14	0.10	2.0	110	100	0.15
22...										
FEB 1986	1.9	--	--	17	9.4	<0.10	8.3	88	84	0.12
11...										
APR	2.0	--	--	22	9.7	<0.10	6.3	105	85	0.14
10...										
AUG	2.7	50	41	43	18	0.20	3.4	141	140	0.19
28...										

SOLIDS, DIS- SOLVED (TONS PER DAY)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
---	---	---	---	--	--	--	--	---	---

OCT 1985	743	0.220	0.060	0.20	0.050	0.010	0.020	10	68	92
22...										
FEB 1986	4180	0.250	0.080	0.50	0.060	0.020	0.010	26	1240	88
11...										
APR	1610	0.290	0.110	0.80	0.080	0.030	0.020	25	384	88
10...										
AUG	1290	0.200	0.040	0.40	0.030	0.010	<0.010	35	321	67
28...										

02469762 TOMBIGBEE RIVER BL COFFEEVILLE LOCK AND DAM, AL--Continued

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
OCT 1985	30	1	33	<0.5	1	3	<3	5	250	<1
22...										
FEB 1986	40	<1	28	<0.5	<1	<1	<3	3	130	1
11...										
AUG	30	1	40	<0.5	<1	<1	<3	2	30	<5
28...										
DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 1985	4	6	<0.1	<10	<1	<1	<1	110	<6	20
22...										
FEB 1986	5	12	<0.1	<10	1	<1	<1	120	<6	11
11...										
AUG	12	2	<0.1	<10	1	<1	<1	130	<6	4
28...										
DATE	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90)	RADIUM 226, DIS- SOLVED, RADON EXTRAC- TION (UG/L)	URANIUM DIS- SOLVED, EXTRAC- TION (UG/L)		
FEB 1986	<0.7	<0.8	1.3	<0.7	1.1	<0.6	0.04	0.11		
11...										

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM, AL--Continued
 SPECIFIC CONDUCTANCE, MICRO SIEMENS PER CENTIMETER AT 25 DEG. C, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
 ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	186	133	194	183	210	180	170	182	187	154	156	190
2	187	134	191	183	214	190	172	186	190	186	158	195
3	186	135	193	180	219	188	171	186	---	157	159	200
4	189	147	190	180	190	200	168	190	188	192	158	252
5	186	160	194	183	191	196	165	190	205	195	158	250
6	154	178	191	190	190	195	162	190	213	196	175	252
7	157	174	157	192	184	190	154	191	195	200	175	254
8	174	176	195	191	175	190	158	200	217	200	175	249
9	175	176	200	189	165	187	165	189	241	159	---	---
10	173	165	199	172	166	220	163	---	---	196	---	---
11	176	167	218	175	166	215	158	195	---	199	---	---
12	182	164	210	179	165	225	168	180	200	200	220	---
13	189	163	207	178	165	215	175	182	---	208	200	---
14	192	166	---	183	173	205	174	184	190	208	198	---
15	209	183	---	185	171	160	176	189	192	205	198	---
16	204	180	192	195	181	165	175	200	---	199	205	---
17	200	176	193	192	184	160	177	190	191	199	230	---
18	198	187	191	195	182	160	169	208	---	170	245	---
19	206	186	192	193	180	158	158	220	---	130	240	---
20	200	178	190	196	177	170	161	210	---	201	250	---
21	202	183	180	194	156	176	162	215	---	184	220	---
22	204	187	182	191	161	164	163	220	---	176	200	---
23	206	186	183	214	170	154	161	225	168	170	200	---
24	200	190	184	207	176	158	170	211	160	165	240	---
25	202	192	181	195	176	165	172	186	160	160	197	---
26	196	210	183	194	177	172	172	179	150	179	198	210
27	174	204	184	198	177	175	200	175	151	182	200	213
28	164	185	186	187	185	167	190	182	---	181	195	---
29	162	208	187	186	---	172	185	193	---	180	210	210
30	167	215	190	188	---	176	186	174	154	180	200	215
31	164	---	193	207	---	168	---	178	---	178	200	---
MEAN	186	176	191	190	180	181	170	193	---	184	199	---
WTR YR 1986		MEAN	186	MAX	254	MIN	130					

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM, AL---Continued
 TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
 ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.0	21.0	20.0	10.0	10.0	13.0	18.0	23.0	26.0	32.0	37.0	29.0
2	26.0	20.5	19.0	9.5	10.0	13.5	18.0	23.0	27.0	32.0	37.0	29.0
3	25.0	20.5	18.5	9.5	10.5	14.0	18.0	23.0	---	31.0	37.0	30.0
4	24.5	20.0	18.0	9.5	13.0	14.0	19.0	23.0	27.0	32.0	37.0	28.0
5	24.0	20.0	17.5	9.5	13.0	14.0	19.0	23.0	28.0	32.0	37.0	27.0
6	24.0	19.0	17.0	10.0	13.0	14.0	19.5	23.0	28.0	31.5	38.0	28.0
7	22.5	19.0	16.0	10.0	13.0	14.0	20.5	24.0	28.5	31.0	37.0	28.0
8	23.0	19.0	16.0	10.0	13.5	14.0	20.0	24.5	28.0	31.0	38.0	27.0
9	24.0	19.0	16.0	10.0	13.0	14.0	20.0	---	28.0	32.0	---	---
10	24.0	19.0	16.5	9.0	12.0	15.0	20.0	---	---	32.0	---	---
11	25.0	19.0	17.0	9.0	12.0	15.0	20.5	24.0	---	31.5	---	---
12	24.0	19.0	16.0	8.0	12.0	16.0	20.0	23.0	29.0	32.0	38.0	29.0
13	24.0	19.0	16.0	8.0	11.0	17.0	21.0	23.0	29.0	32.0	37.0	---
14	24.0	19.0	15.0	9.0	12.0	17.0	21.0	23.0	28.0	32.5	37.0	28.0
15	24.0	19.0	13.0	10.0	11.5	17.0	21.0	25.0	28.0	31.0	38.0	---
16	24.0	19.0	13.0	9.5	11.5	17.0	21.0	25.0	---	31.0	38.0	---
17	24.0	19.0	13.0	10.0	12.0	18.0	21.0	25.5	29.0	31.0	38.0	---
18	24.0	20.0	13.0	10.5	13.0	18.0	21.5	25.0	---	31.0	39.0	---
19	24.0	20.0	13.0	10.0	14.0	18.0	21.5	25.5	---	31.0	39.0	---
20	24.0	19.0	13.0	12.0	14.0	17.5	21.5	26.0	---	31.5	40.0	---
21	25.0	19.5	12.0	12.0	13.0	17.0	21.0	26.0	---	32.0	40.0	---
22	25.0	20.0	11.0	11.0	13.0	16.5	21.0	26.0	---	31.0	39.0	---
23	25.0	20.0	12.0	11.0	13.0	16.5	21.0	26.0	29.0	31.0	39.0	---
24	25.0	20.0	12.0	11.0	13.0	17.0	22.0	26.0	30.0	31.5	39.0	---
25	25.0	20.0	12.0	10.5	13.5	16.0	22.0	26.0	31.0	31.5	39.0	---
26	25.0	20.0	10.0	10.0	14.0	15.0	22.0	26.0	31.0	32.0	39.0	29.0
27	24.0	20.0	11.0	9.5	14.0	15.0	22.0	26.0	32.0	32.0	39.0	29.0
28	23.0	19.5	10.0	9.0	13.0	17.0	22.0	26.0	30.5	32.0	38.0	29.5
29	24.0	19.5	10.0	9.0	---	17.0	22.0	26.0	---	32.5	38.0	29.5
30	24.0	19.5	10.0	9.5	---	17.5	22.0	26.0	30.5	32.5	39.0	29.5
31	24.0	---	10.0	10.0	---	18.0	---	26.0	---	32.0	39.0	---
MEAN	24.5	19.5	14.0	10.0	12.5	16.0	20.5	24.5	---	31.5	38.0	---
WTR YR 1986		MEAN	22.0	MAX	40.0	MIN	8.0					

APPENDIX C
DISPOSAL AREA DATA

APPENDIX C
DISPOSAL AREA DATA
DESCRIPTIONS OF WELLS

DESCRIPTIONS OF DISPOSAL AREA WELLS

LOCAL NUMBER	OWNER	LAND NET LOCATION	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM- ETER (INCHES)
TISHOMINGO COUNTY						
J071	USCE 1704-A	SENES17T05SR10E	02/13/1980	440.00	32.0	4.00
J072	USCE 1704-B	SENES17T05SR10E	02/14/1980	440.00	21.0	4.00

APPENDIX C
DISPOSAL AREA DATA

WATER-QUALITY FIELD DETERMINATIONS

LOCAL
IDENT-
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APPENDIX COE
WATER-QUALITY DATA

COE-1

page 3 follows

STATION NO - 342301088230101 LATITUDE 34 23 01
 LAB STAT NO -5TTW70005 GROUND WATER LONGITUDE 088 23 01
 SITE LOCATION - GROUND-WATER WELL USCE 65A

STORET TEST NO. & DESCRIPTION	DATE TIME DEPTH	05/15/86 11:45 000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	10
00410 T.ALK MG/L	CAC03	66
00631 DN03+NO2 MG/L	AS N	0.01
00915 DISS.CA MG/L	AS CA	5.0
00925 DISS.MG MG/L		1.4
00930 DISS.NA MG/L		1.3
00935 DISS. K MG/L		2.6
00946 DSULFATE MG/L	AS S04	11
01045 TOT.FE UG/L		18370
01055 TOT.MN UG/L		351
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4040

STATION NO - 341610088264801 LATITUDE 34 16 10
 LAB STAT NO -5TTW70065 GROUND WATER LONGITUDE 088 26 48
 SITE LOCATION - GROUND-WATER WELL USCE 67A

STORET	DATE	05/21/86
TEST NO. &	TIME	08:28
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	5
00410 T.ALK MG/L	CAC03	36
00631 DN03+N02 MG/L	AS N	0.03
00915 DISS.CA MG/L	AS CA	16
00925 DISS.MG MG/L		2.5
00930 DISS.NA MG/L		3.0
00935 DISS. K MG/L		4.4
00946 DSULFATE MG/L	AS S04	10
01045 TOT.FE UG/L		4230
01055 TOT.MN UG/L		1120
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4040

STATION NO - 340054088281801 LATITUDE 34 00 54
 LAB STAT NO -STTW70059 GROUND WATER LONGITUDE 088 28 18
 SITE LOCATION - GROUND-WATER WELL USCE 95A

STORET	DATE	05/20/86
TEST NO. &	TIME	13:35
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	15
00410 T.ALK MG/L	CACO3	25
00631 DN03+NO2 MG/L	AS N	0.02
00915 DISS.CA MG/L	AS CA	12
00925 DISS.MG MG/L		2.8
00930 DISS.NA MG/L		2.6
00935 DISS. K MG/L		4.1
00946 DSULFATE MG/L	AS S04	11
01045 TOT.FE UG/L		21040
01055 TOT.MN UG/L		410
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4030

STATION NO - 340054088281802 LATITUDE 34 00 54
 LAB STAT NO -5TTW70067 GROUND WATER LONGITUDE 088 28 18
 SITE LOCATION - GROUND-WATER WELL USCE 95B

STORET TEST NO. & DESCRIPTION	DATE TIME DEPTH	05/20/86 15:00 000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	10
00410 T.ALK MG/L	CAC03	1.3
00631 DN03+NO2 MG/L	AS N	1.22
00915 DISS.CA MG/L	AS CA	3.5
00925 DISS.MG MG/L		1.9
00930 DISS.NA MG/L		5.9
00935 DISS. K MG/L		3.8
00946 DSULFATE MG/L	AS S04	11
01045 TOT.FE UG/L		2930
01055 TOT.MN UG/L		120
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4030

STATION NO - 335445088312501 LATITUDE 33 54 45
 LAB STAT NO -5TTW70017 GROUND WATER LONGITUDE 088 31 25
 SITE LOCATION - GROUND-WATER WELL USCE TTM5A

STORET TEST NO. & DESCRIPTION	DATE TIME DEPTH	05/21/86 10:40 000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	10
00410 T.ALK MG/L	CAC03	36
00631 DN03+NO2 MG/L	AS N	0.02
00915 DISS.CA MG/L	AS CA	16
00925 DISS.MG MG/L		2.9
00930 DISS.NA MG/L		2.8
00935 DISS. K MG/L		4.0
00946 DSULFATE MG/L	AS S04	10
01045 TOT.FE UG/L		10260
01055 TOT.MN UG/L		949
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4040

STATION NO - 335445088312502 LATITUDE 33 54 45
 LAB STAT NO -5TTW72502 GROUND WATER LONGITUDE 088 31 25
 SITE LOCATION - GROUND-WATER WELL USCE TTM5B

STORET	DATE	05/21/86
TEST NO. &	TIME	11:20
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	5
00410 T.ALK MG/L	CAC03	3.1
00631 DN03+NO2 MG/L	AS N	7.03
00915 DISS.CA MG/L	AS CA	5.6
00925 DISS.MG MG/L		4.4
00930 DISS.NA MG/L		3.1
00935 DISS. K MG/L		3.0
00946 DSULFATE MG/L	AS S04	9
01045 TOT.FE UG/L		68
01055 TOT.MN UG/L		20
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4040

STATION NO - 334910088311501 LATITUDE 33 49 10
 LAB STAT NO -5TTW70073 GROUND WATER LONGITUDE 088 31 15
 SITE LOCATION - GROUND-WATER WELL USCE TTM4A

STORET	DATE	05/21/86
TEST NO. &	TIME	13:25
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	20
00410 T.ALK MG/L	CACO3	6.8
00631 DNO3+NO2 MG/L	AS N	0.58
00915 DISS.CA MG/L	AS CA	19
00925 DISS.MG MG/L		3.4
00930 DISS.NA MG/L		15
00935 DISS. K MG/L		4.1
00946 DSULFATE MG/L	AS S04	9
01045 TOT.FE UG/L		168
01055 TOT.MN UG/L		11
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4040

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 10
 PERIOD OCT 1985 - SEP 1986

STATION NO - 334910088311502 LATITUDE 33 49 19
 LAB STAT NO -5TTW70074 GROUND WATER LONGITUDE 088 31 15
 SITE LOCATION - GROUND-WATER WELL USCE TTM48

STORET	DATE	05/21/86
TEST NO. &	TIME	13:00
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	10
00410 T.ALK MG/L	CAC03	3.1
00631 DNO3+N02 MG/L	AS N	1.98
00915 DISS.CA MG/L	AS CA	2.8
00925 DISS.MG MG/L		1.0
00930 DISS.NA MG/L		4.8
00935 DISS. K MG/L		1.9
00946 DSULFATE MG/L	AS S04	10
01045 TOT.FE UG/L		2490
01055 TOT.MN UG/L		78
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4040

STATION NO - 344251088323001 LATITUDE 34 42 51
 LAB STAT NO -5TTW70034 GROUND WATER LONGITUDE 088 32 30
 SITE LOCATION - GROUND-WATER WELL THRASHER W. A.

STORET TEST NO. & DESCRIPTION	DATE TIME DEPTH	05/12/86 17:00 000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	5
00410 T.ALK MG/L	CAC03	89
00631 DN03+N02 MG/L	AS N	0.02
00915 DISS.CA MG/L	AS CA	37
00925 DISS.MG MG/L		6.2
00930 DISS.NA MG/L		6.9
00935 DISS. K MG/L		4.9
00946 DSULFATE MG/L	AS S04	14
01045 TOT.FE UG/L		164
01055 TOT.MN UG/L		88
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	8
82398 SAMPLE METHOD		4040

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 12
 PERIOD OCT 1985 - SEP 1986

STATION NO - 343949088335301 LATITUDE 34 39 49
 LAB STAT NO -5TTW70011 GROUND WATER LONGITUDE 088 33 53
 SITE LOCATION - GROUND-WATER WELL BOONEVILLE

STORET	DATE	05/13/86
TEST NO. &	TIME	09:30
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	5
00410 T.ALK MG/L	CAC03	104
00631 DNO3+NO2 MG/L	AS N	0.03
00915 DISS.CA MG/L	AS CA	40
00925 DISS.MG MG/L		7.2
00930 DISS.NA MG/L		8.3
00935 DISS. K MG/L		4.6
00946 DSULFATE MG/L	AS S04	14
01045 TOT.FE UG/L		215
01055 TOT.MN UG/L		128
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	8
82398 SAMPLE METHOD		8010

STATION NO - 342917088212701 LATITUDE 34 29 17
 LAB STAT NO -5TTW72701 GROUND WATER LONGITUDE 088 21 27
 SITE LOCATION - GROUND-WATER WELL USCE 51A

STORET	DATE	05/14/86
TEST NO. &	TIME	12:40
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	5
00410 T.ALK MG/L	CAC03	14
00631 DNO3+NO2 MG/L	AS N	0.01
00915 DISS.CA MG/L	AS CA	6.4
00925 DISS.MG MG/L		2.2
00930 DISS.NA MG/L		3.4
00935 DISS. K MG/L		3.4
00946 DSULFATE MG/L	AS S04	10
01045 TOT.FE UG/L		11870
01055 TOT.MN UG/L		586
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4040

STATION NO - 342838088215001 LATITUDE 34 28 38
 LAB STAT NO -5TTW70028 GROUND WATER LONGITUDE 088 21 50
 SITE LOCATION - GROUND-WATER WELL USCE GW123A

STORET	DATE	05/14/86
TEST NO. &	TIME	14:25
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	20
00410 T.ALK MG/L	CAC03	5.1
00631 DN03+N02 MG/L	AS N	0.02
00915 DISS.CA MG/L	AS CA	6.0
00925 DISS.MG MG/L		1.8
00930 DISS.NA MG/L		3.9
00935 DISS. K MG/L		3.4
00946 DSULFATE MG/L	AS S04	9
01045 TOT.FE UG/L		41980
01055 TOT.MN UG/L		427
72005 SAMPLE SOURCE	CODE	126
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4030

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 15
 PERIOD OCT 1985 - SEP 1986

STATION NO - 344638088200104 LATITUDE 34 46 38
 LAB STAT NO -5TTW70042 GROUND WATER LONGITUDE 088 20 01
 SITE LOCATION - GROUND-WATER WELL USCE 12C

STORET	DATE	05/13/86
TEST NO. &	TIME	16:13
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	15
00410 T.ALK MG/L	CAC03	35
00631 DN03+N02 MG/L	AS N	0.02
00915 DISS.CA MG/L	AS CA	12
00925 DISS.MG MG/L		2.9
00930 DISS.NA MG/L		7.4
00935 DISS. K MG/L		4.3
00946 DSULFATE MG/L	AS S04	12
01045 TOT.FE UG/L		3880
01055 TOT.MN UG/L		405
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4040

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 16
 PERIOD OCT 1985 - SEP 1986

STATION NO - 344053088161203

LATITUDE 34 40 53

LAB STAT NO -5TTW70014 GROUND WATER

LONGITUDE 088 16 12

SITE LOCATION - GROUND-WATER WELL USCE 34B

STORET	DATE	05/15/86
TEST NO. &	TIME	09:15
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	10
00410 T.ALK MG/L	CAC03	3.8
00631 DNO3+NO2 MG/L	AS N	0.07
00915 DISS.CA MG/L	AS CA	3.8
00925 DISS.MG MG/L		0.8
00930 DISS.NA MG/L		1.7
00935 DISS. K MG/L		2.5
00946 DSULFATE MG/L	AS S04	10
01045 TOT.FE UG/L		119
01055 TOT.MN UG/L		2.0
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4040

STATION NO - 344017088180402 LATITUDE 34 40 17
LAB STAT NO -5TTW70018 GROUND WATER LONGITUDE 088 18 04
SITE LOCATION - GROUND-WATER WELL USCE 31A

STORET	DATE	05/13/86
TEST NO. &	TIME	13:40
DESCRIPTION	DEPTH	000

00027 COLLECT	AGENCY	1028
00028 ANALY	AGENCY	810
00080 COLOR TR	UNITS PT-CO	10
00410 T.ALK	MG/L CAC03	23
00631 DN03+NO2	MG/L AS N	0.05
00915 DISS.CA	MG/L AS CA	4.8
00925 DISS.MG	MG/L	0.3
00930 DISS.NA	MG/L	16
00935 DISS. K	MG/L	4.9
00946 DSULFATE	MG/L AS S04	13
01045 TOT.FE	UG/L	100
01055 TOT.MN	UG/L	3.0
72005 SAMPLE	SOURCE CODE	26
72006 SAMPLE	CNDITION CODE	8
82398 SAMPLE	METHOD	4040

STATION NO - 344017088180403 LATITUDE 34 40 17
 LAB STAT NO -5TTW70403 GROUND WATER LONGITUDE 088 18 04
 SITE LOCATION - GROUND-WATER WELL USCE 31B

STORET	DATE	05/13/86
TEST NO. &	TIME	13:45
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	5
00410 T.ALK MG/L	CAC03	7.8
00631 DNO3+NO2 MG/L	AS N	0.01
00915 DISS.CA MG/L	AS CA	3.9
00925 DISS.MG MG/L		1.4
00930 DISS.NA MG/L		2.3
00935 DISS. K MG/L		2.7
00946 DSULFATE MG/L	AS S04	11
01045 TOT.FE UG/L		1870
01055 TOT.MN UG/L		28
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4040

STATION NO - 342854088194102 LATITUDE 34 28 54
 LAB STAT NO -5TTW70033 GROUND WATER LONGITUDE 088 19 41
 SITE LOCATION - GROUND-WATER WELL USCE 54B

STORET	DATE	05/14/86
TEST NO. &	TIME	17:24
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00080 COLOR TR UNITS	PT-CO	5
00410 T.ALK	MG/L CAC03	0.6
00631 DNO3+N02	MG/L AS N	0.01
00915 DISS.CA	MG/L AS CA	5.7
00925 DISS.MG	MG/L	1.0
00930 DISS.NA	MG/L	2.9
00935 DISS. K	MG/L	4.5
00946 DSULFATE	MG/L AS S04	12
01045 TOT.FE	UG/L	1110
01055 TOT.MN	UG/L	450
72005 SAMPLE SOURCE	CODE	26
72006 SAMPLE CNDITION	CODE	0.10
82398 SAMPLE METHOD		4030

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 20
 PERIOD OCT 1985 - SEP 1986

STATION NO - 343140088192235 LATITUDE 34 31 40
 LAB STAT NO -5TTW32235 SEDIMENT LONGITUDE 088 19 22
 SITE LOCATION - TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3

STORET TEST NO. & DESCRIPTION	DATE TIME DEPTH	03/17/86 11:00 000

00027 COLLECT	AGENCY	1028
00028 ANALY	AGENCY	810
00496 LOI	MG/KG	20097
01003 AS	MG/KG DRY WT	4.1
01028 CD	MG/KG DRY WT L	0.5
01029 CR	MG/KG	38
01038 COBALT	MG/KG DRY WT	4.5
01043 CU	MG/KG DRY WT	0.99
01052 PB	MG/KG DRY WT	2.0
01068 NI	MG/KG DRY WT	15
01093 ZN	MG/KG DRY WT	0.90
39301 P,P'DDT	UG/KG L	0.20
39306 O,P'DDT	UG/KG L	0.20
39311 P,P'DDD	UG/KG L	0.19
39321 P,P'DDE	UG/KG L	0.15
39333 ALDRIN	UG/KG L	0.16
39343 GAMMABHC	UG/KG LI L	0.10
39351 CHLRDANE	UG/KG TEC L	0.12
39383 DIELDRLN	UG/KG L	0.15
39393 ENDRIN	UG/KG L	0.20
39399 ETHION	UG/KG DRY WT L	1.4
39403 TOXAPHEN	UG/KG L	2.0
39413 HEPTCHLR	UG/KG L	0.10
39423 HPCHLREP	UG/KG L	1.2
39507 PCB-1254	UG/KG L	1.0
39511 PCB-1260	UG/KG L	1.0
39519 PCB.S	UG/KG DRY WT L	1.0
39531 MALATHI	UG/KG DRY WT L	3.0
39541 PARATHI	UG/KG DRY WT L	1.0
39571 DIAZINON	UG/KG DRY WT L	1.0
39601 M.PARATH	UG/KG DRY WT L	1.0
39741 2,4,5-T	UG/KG L	1.3
39761 SILVEX	MG/KG L	1.0
39787 TRITHION	UG/KG SED L	1.0
39791 M.TRITHI	UG/KG DRY WT L	1.0
70318 T.SOLIDS	%	57
71921 HG	MG/KG DRY WT	0.080
82398 SAMPLE	METHOD	30

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 21
PERIOD OCT 1985 - SEP 1986

STATION NO - 02430005 LATITUDE 34 31 24
LAB STAT NO -5TTW20005 SURFACE WATER LONGITUDE 088 19 27
SITE LOCATION - TENN-TOM WATERWAY BL BAY SPRINGS LOCK & DAM, MS

STORET TEST NO. & DESCRIPTION	DATE TIME DEPTH	11/13/85 16:00 000	02/04/86 14:30 000	03/17/86 13:00 000	07/07/86 14:00 000

00027 COLLECT AGENCY		1028	1028	1028	1028
00028 ANALY AGENCY		810	810	810	810
00061 STREAM FLOW INST-CFS		0	0	0	0.000
00080 COLOR TR UNITS PT-CO		80	10	10	5.0
00410 T.ALK MG/L CAC03		46	30	29	42
00605 ORG.N MG/L AS N		0.23	0.23	0.29	0.13
00610 T-NH3-N MG/L AS N		0.28	0.14	0.18	0.08
00625 T.KJEL MG/L AS N		0.51	0.37	0.47	0.21
00630 NO3+NO2 MG/L AS N		0.069	0.24	0.120	0.011
00640 INORG.N MG/KG		0.35	0.33	0.30	
00665 T.PHOS MG/L AS P		0.03	0.03	0.04	L 0.020
00666 D.PHOS MG/L AS P	L	0.02	0.02	0.02	L 0.020
01045 TOT.FE UG/L		44	24	28	L 1
01046 DISS.FE UG/L		38	45	25	10
01055 TOT.MN UG/L		13	16	3.8	5.3
01056 DISS.MN UG/L		12	45	13	52
70507 T.ORTHO MG/L PHOS	L	0.02	L 0.02	0.04	L 0.020
82079 TURBID NTU	LAB	4.5	3.0	1.4	2.2
82398 SAMPLE METHOD		30	30	30	30

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 22
PERIOD OCT 1985 - SEP 1986

STATION NO - 335008088311335

LATITUDE 33 50 08

LAB STAT NO -5TTW31335 SEDIMENT

LONGITUDE 088 31 13

SITE LOCATION - TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A

STORET TEST NO. & DESCRIPTION	DATE TIME DEPTH	03/18/86 13:00 000

00027 COLLECT	AGENCY	1028
00028 ANALY	AGENCY	810
00496 LOI	MG/KG	18482
01003 AS	MG/KG DRY WT	4.4
01028 CD	MG/KG DRY WT L	0.5
01029 CR	MG/KG	65
01038 COBALT	MG/KG DRY WT	5.4
01043 CU	MG/KG DRY WT	0.78
01052 PB	MG/KG DRY WT	1.8
01068 NI	MG/KG DRY WT	25
01093 ZN	MG/KG DRY WT	1.0
39301 P,P'DDT	UG/KG L	0.20
39306 O,P'DDT	UG/KG L	0.20
39311 P,P'DDD	UG/KG L	0.19
39321 P,P'DDE	UG/KG L	0.15
39333 ALDRIN	UG/KG L	0.16
39343 GAMMABHC	UG/KG LI L	0.10
39351 CHLRDANE	UG/KG TEC	0.14
39383 DIELDRIN	UG/KG L	0.15
39393 ENDRIN	UG/KG L	0.20
39399 ETHION	UG/KG DRY WT L	1.4
39403 TOXAPHEN	UG/KG L	2.0
39413 HEPTCHLR	UG/KG L	0.10
39423 HPCHLREP	UG/KG L	1.2
39507 PCB-1254	UG/KG L	1.0
39511 PCB-1260	UG/KG L	1.0
39519 PCB.S	UG/KG DRY WT L	1.0
39531 MALATHI	UG/KG DRY WT L	3.0
39541 PARATHI	UG/KG DRY WT L	1.0
39571 DIAZINON	UG/KG DRY WT L	1.0
39601 M.PARATH	UG/KG DRY WT L	1.0
39741 2,4,5-T	UG/KG L	1.3
39761 SILVEX	MG/KG L	1.0
39787 TRITHION	UG/KG SED L	1.0
39791 M.TRITHI	UG/KG DRY WT L	1.0
70318 T.SOLIDS	%	51
71921 HG	MG/KG DRY WT	0.070
82398 SAMPLE	METHOD	30

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 23
PERIOD OCT 1985 - SEP 1986

STATION NO - 02437101

LATITUDE 33 49 29

LAB STAT NO -5TTW27101 SURFACE WATER

LONGITUDE 088 31 16

SITE LOCATION - TOMBIGBEE RIVER BL ABERDEEN LOCK AND DAM, MS

STORET	DATE	11/14/85	02/05/86	03/18/86	07/08/86
TEST NO. &	TIME	13:00	12:00	14:00	15:00
DESCRIPTION	DEPTH	000	000	000	000

00027 COLLECT AGENCY		1028	1028	1028	1028
00028 ANALY AGENCY		810	810	810	810
00061 STREAM FLOW INST-CFS		900	1600		212
00080 COLOR TR UNITS PT-CO		80	10	40	10.0
00410 T.ALK MG/L CAC03		36	25	25	56
00605 ORG.N MG/L AS N		0.45	0.37	0.55	0.23
00610 T-NH3-N MG/L AS N		0.10	0.04	0.24	0.19
00625 T.KJEL MG/L AS N		0.55	0.41	0.79	0.38
00630 NO3+NO2 MG/L AS N		0.082	0.06	0.258	0.045
00640 INORG.N MG/KG		0.18	0.10	0.50	
00665 T.PHOS MG/L AS P		0.09	0.08	0.14	0.030
00666 D.PHOS MG/L AS P		0.04	0.06	0.04	L 0.020
01045 TOT.FE UG/L		406	73	148	40
01046 DISS.FE UG/L		428	45	400	77
01055 TOT.MN UG/L		2.7	22	9.4	12
01056 DISS.MN UG/L		26	69	34	11
70507 T.ORTHO MG/L PHOS		0.05	L 0.02	0.10	0.020
82079 TURBID NTU LAB		11	7.2	40	10.0
82398 SAMPLE METHOD		30	30	30	30

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 24
PERIOD OCT 1985 - SEP 1986

STATION NO - 333927088304935 LATITUDE 33 39 27
LAB STAT NO -5TTW24935 SURFACE WATER LONGITUDE 088 30 49
SITE LOCATION - TTW COLUMBUS LAKE BUTTAHATCHEE R BENDWAY 26A

STORET	DATE	11/15/85	02/05/86	03/20/86	07/09/86
TEST NO. &	TIME	13:00	15:00	13:00	08:30
DESCRIPTION	DEPTH	000	000	000	000

00027 COLLECT AGENCY		1028	1028	1028	1028
00028 ANALY AGENCY		810	810	810	810
00080 COLOR TR UNITS	PT-CO	80	10	70	5.0
00410 T.ALK MG/L	CAC03	34	25	17	55
00605 ORG.N MG/L	AS N	0.44	0.38	1.02	0.34
00610 T-NH3-N MG/L	AS N	0.07	0.04	0.53	0.15
00625 T.KJEL MG/L	AS N	0.51	0.42	1.55	0.49
00630 NO3+NO2 MG/L	AS N	0.104	0.05	0.363	0.021
00640 INORG.N MG/KG		0.17	0.09	0.89	
00665 T.PHOS MG/L	AS P	0.09	0.07	0.53	0.050
00666 D.PHOS MG/L	AS P	0.03	0.04	0.08	L 0.020
01045 TOT.FE UG/L		351	80	5.7	12
01046 DISS.FE UG/L		263	150	312	39
01055 TOT.MN UG/L		2.3	37	64	7.7
01056 DISS.MN UG/L		2.1	73	16	8.7
70507 T.ORTHO MG/L	PHOS	0.05	L 0.02	0.46	0.020
82079 TURBID NTU	LAB	11	9.1	100	9.1
82398 SAMPLE METHOD		30	30	30	30

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 25
 PERIOD OCT 1985 - SEP 1986

STATION NO - 333927088304935

LATITUDE 33 39 27

LAB STAT NO -5TTW34935 SEDIMENT

LONGITUDE 088 30 49

SITE LOCATION - TTW COLUMBUS LAKE BUTTAHATCHEE R BENDWAY 26A

STORET	DATE	03/20/86
TEST NO. &	TIME	13:00
DESCRIPTION	DEPTH	000

00027 COLLECT	AGENCY	1028
00028 ANALY	AGENCY	810
00496 LOI	MG/KG	5932
01003 AS	MG/KG DRY WT	2.6
01028 CD	MG/KG DRY WT L	0.5
01029 CR	MG/KG	40
01038 COBALT	MG/KG DRY WT	2.5
01043 CU	MG/KG DRY WT L	0.5
01052 PB	MG/KG DRY WT	0.96
01068 NI	MG/KG DRY WT	8.7
01093 ZN	MG/KG DRY WT	0.55
39301 P,P'DDT	UG/KG L	0.20
39306 O,P'DDT	UG/KG L	0.20
39311 P,P'DDD	UG/KG L	0.19
39321 P,P'DDE	UG/KG	3.3
39333 ALDRIN	UG/KG L	0.16
39343 GAMMABHC	UG/KG LI L	0.10
39351 CHLRDANE	UG/KG TEC	17.3
39383 DIELDRIN	UG/KG L	0.15
39393 ENDRIN	UG/KG L	0.20
39399 ETHION	UG/KG DRY WT L	1.4
39403 TOXAPHEN	UG/KG L	2.0
39413 HEPTCHLR	UG/KG L	0.10
39423 HPCHLREP	UG/KG L	1.2
39507 PCB-1254	UG/KG L	1.0
39511 PCB-1260	UG/KG L	1.0
39519 PCB.S	UG/KG DRY WT L	1.0
39531 MALATHI	UG/KG DRY WT L	3.0
39541 PARATHI	UG/KG DRY WT L	1.0
39571 DIAZINON	UG/KG DRY WT L	1.0
39601 M.PARATH	UG/KG DRY WT L	1.0
39741 2,4,5-T	UG/KG L	1.3
39761 SILVEX	MG/KG L	1.0
39787 TRITHION	UG/KG SED L	1.0
39791 M.TRITHI	UG/KG DRY WT L	1.0
70318 T.SOLIDS	%	61
71921 HG	MG/KG DRY WT	0.050
82398 SAMPLE	METHOD	30

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 26
PERIOD OCT 1985 - SEP 1986

STATION NO - 333119088291435 LATITUDE 33 31 19
LAB STAT NO -5TTW31435 SEDIMENT LONGITUDE 088 29 14
SITE LOCATION - TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A

STORET	DATE	03/20/86
TEST NO. &	TIME	12:00
DESCRIPTION	DEPTH	000

00027 COLLECT	AGENCY	1028
00028 ANALY	AGENCY	810
00496 LOI	MG/KG	3971
01003 AS	MG/KG DRY WT	1.4
01028 CD	MG/KG DRY WT L	0.5
01029 CR	MG/KG	24
01038 COBALT	MG/KG DRY WT	1.9
01043 CU	MG/KG DRY WT L	0.5
01052 PB	MG/KG DRY WT	0.49
01068 NI	MG/KG DRY WT	4.9
01093 ZN	MG/KG DRY WT	0.30
39301 P,P'DDT	UG/KG L	0.20
39306 O,P'DDT	UG/KG L	0.20
39311 P,P'DDD	UG/KG L	0.19
39321 P,P'DDE	UG/KG	1.4
39333 ALDRIN	UG/KG L	0.16
39343 GAMMABHC	UG/KG LI L	0.10
39351 CHLRDANE	UG/KG TEC L	0.12
39383 DIELDRIN	UG/KG L	0.15
39393 ENDRIN	UG/KG L	0.20
39399 ETHION	UG/KG DRY WT L	1.4
39403 TOXAPHEN	UG/KG L	2.0
39413 HEPTCHLR	UG/KG L	0.10
39423 HPCHLREP	UG/KG L	1.2
39499 PCB-1242	UG/KG	19.4
39507 PCB-1254	UG/KG L	1.0
39511 PCB-1260	UG/KG L	1.0
39519 PCB.S	UG/KG DRY WT	19.4
39531 MALATHI	UG/KG DRY WT L	3.0
39541 PARATHI	UG/KG DRY WT L	1.0
39571 DIAZINON	UG/KG DRY WT L	1.0
39601 M.PARATH	UG/KG DRY WT L	1.0
39741 2,4,5-T	UG/KG L	1.3
39761 SILVEX	MG/KG L	1.0
39787 TRITHION	UG/KG SED L	1.0
39791 M.TRITHI	UG/KG DRY WT L	1.0
70318 T.SOLIDS	%	74
71921 HG	MG/KG DRY WT	0.060
82398 SAMPLE	METHOD	30

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 27
PERIOD OCT 1985 - SEP 1986

STATION NO - 02441391 LATITUDE 33 31 04
LAB STAT NO -5TTW21391 SURFACE WATER LONGITUDE 088 29 22
SITE LOCATION - TOMBIGBEE RIVER BL COLUMBUS LOCK & DAM, MS

STORET	DATE	11/14/85	02/05/86	03/20/86	07/09/86
TEST NO. &	TIME	15:00	16:30	09:30	11:30
DESCRIPTION	DEPTH	000	000	000	000

00027 COLLECT AGENCY		1028	1028	1028	1028
00028 ANALY AGENCY		810	810	810	810
00061 STREAM FLOW INST-CFS		3220	680		854
00080 COLOR TR UNITS PT-CO		80	10	70	5.0
00410 T.ALK MG/L CAC03		30	23	14	42
00605 ORG.N MG/L AS N		0.34	0.60	0.81	0.39
00610 T-NH3-N MG/L AS N		0.10	0.09	0.42	0.17
00625 T.KJEL MG/L AS N		0.44	0.69	1.23	0.56
00630 NO3+NO2 MG/L AS N		0.086	0.18	0.331	0.064
00640 INORG.N MG/KG		0.19	0.27	0.75	
00665 T.PHOS MG/L AS P		0.07	0.11	0.38	0.060
00666 D.PHOS MG/L AS P		0.05	0.05	0.06	L 0.020
01045 TOT.FE UG/L		469	81	26	53
01046 DISS.FE UG/L		413	134	325	59
01055 TOT.MN UG/L		2.9	26	48	15
01056 DISS.MN UG/L		28	65	36	11
70507 T.ORTHO MG/L PHOS		0.05	0.02	0.28	0.020
82079 TURBID NTU LAB		12	10	94	6.5
82398 SAMPLE METHOD		30	30	30	30

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 28
PERIOD OCT 1985 - SEP 1986

STATION NO - 02441498 LATITUDE 33 26 06
LAB STAT NO -5TTW21498 SURFACE WATER LONGITUDE 088 29 38
SITE LOCATION - TOMBIGBEE R COLUMBUS BEND SR 11B AT COLUMBUS, MS

STORET TEST NO. & DESCRIPTION	DATE TIME DEPTH	11/13/85 12:00 000	01/21/86 14:00 000	03/24/86 11:10 000	07/14/86 11:45 000

00027 COLLECT AGENCY		1028	1028	1028	
00028 ANALY AGENCY		810	810	810	810
00080 COLOR TR UNITS	PT-CO	40	25	70	10.0
00410 T.ALK MG/L	CAC03	25	16	2.6	38
00605 ORG.N MG/L	AS N	0.35	0.64	0.44	0.52
00610 T-NH3-N MG/L	AS N	0.04	0.09	0.22	0.15
00625 T.KJEL MG/L	AS N	0.39	0.73	0.66	0.71
00630 NO3+NO2 MG/L	AS N	0.296	0.11	0.350	0.009
00640 INORG.N MG/KG		0.32	0.20	0.57	
00665 T.PHOS MG/L	AS P	0.12	0.09	0.15	0.060
00666 D.PHOS MG/L	AS P	0.07	0.03	0.09	L 0.020
01045 TOT.FE UG/L		429	596	353	38
01046 DISS.FE UG/L		369	243	477	26
01055 TOT.MN UG/L		3.2	84	18.3	14
01056 DISS.MN UG/L		8.5	69	32.3	3.0
70507 T.ORTHO MG/L	PHOS	0.08	L 0.02	0.18	L 0.020
82079 TURBID NTU	LAB	15	8.6	60	3.9
82398 SAMPLE METHOD					30

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 29
 PERIOD OCT 1985 - SEP 1986

STATION NO - 02441498 LATITUDE 33 26 06
 LAB STAT NO -5TTW31498 SEDIMENT LONGITUDE 088 29 38
 SITE LOCATION - TOMBIGBEE R COLUMBUS BEND SR 11B AT COLUMBUS, MS

STORET	DATE	03/24/86
TEST NO. &	TIME	11:10
DESCRIPTION	DEPTH	000

00027 COLLECT	AGENCY	1028
00028 ANALY	AGENCY	810
00496 LOI	MG/KG	41978
01003 AS	MG/KG DRY WT	3.2
01028 CD	MG/KG DRY WT L	0.5
01029 CR	MG/KG	38
01038 COBALT	MG/KG DRY WT	0.67
01043 CU	MG/KG DRY WT	0.62
01052 PB	MG/KG DRY WT	2.2
01068 NI	MG/KG DRY WT	8.2
01093 ZN	MG/KG DRY WT	0.87
71921 HG	MG/KG DRY WT	0.090

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 30
 PERIOD OCT 1985 - SEP 1986

STATION NO - 02443610 LATITUDE 33 20 30
 LAB STAT NO -5TTW23610 SURFACE WATER LONGITUDE 088 23 40
 SITE LOCATION - TOMBIGBEE R AT PRATT CAMP SR 5HB BL COLUMBUS, MS

STORET TEST NO. & DESCRIPTION	DATE TIME DEPTH	11/13/85 14:50 000	01/22/86 09:00 000	03/24/86 13:25 000	07/14/86 14:00 000

00027 COLLECT AGENCY		1028	1028	1028	
00028 ANALY AGENCY		810	810	810	810
00080 COLOR TR UNITS	PT-CO	50	25	80	5.0
00410 T.ALK MG/L	CAC03	29	16	3.9	38
00605 ORG.N MG/L	AS N	0.62	0.45	0.49	0.49
00610 T-NH3-N MG/L	AS N	0.05	0.06	0.19	0.33
00625 T.KJEL MG/L	AS N	0.67	0.51	0.68	0.64
00630 NO3+NO2 MG/L	AS N	0.195	0.05	0.240	L 0.002
00640 INORG.N MG/KG		0.25	0.11	0.43	
00665 T.PHOS MG/L	AS P	0.16	0.12	0.17	0.050
00666 D.PHOS MG/L	AS P	0.11	0.03	0.09	L 0.020
01045 TOT.FE UG/L		702	532	344	24
01046 DISS.FE UG/L		425	310	612	18
01055 TOT.MN UG/L		3.6	71	14.8	16
01056 DISS.MN UG/L		6.7	51	23.7	47
70507 T.ORTHO MG/L	PHOS	0.11	0.07	0.19	0.020
82079 TURBID NTU	LAB	14	7.4	62	7.4
82398 SAMPLE METHOD					30

STATION NO - 02443610 LATITUDE 33 20 30
LAB STAT NO -5TTW33610 SEDIMENT LONGITUDE 088 23 40
SITE LOCATION - TOMBIGBEE R AT PRATT CAMP SR 5HB BL COLUMBUS, MS

STORET	DATE	03/24/86
TEST NO. &	TIME	13:25
DESCRIPTION	DEPTH	000

00027 COLLECT	AGENCY	1028
00028 ANALY	AGENCY	810
00496 LOI	MG/KG	70072
01003 AS	MG/KG DRY WT	5.3
01028 CD	MG/KG DRY WT L	0.5
01029 CR	MG/KG	132
01038 COBALT	MG/KG DRY WT	6.4
01043 CU	MG/KG DRY WT	1.4
01052 PB	MG/KG DRY WT	2.7
01068 NI	MG/KG DRY WT	27
01093 ZN	MG/KG DRY WT	1.8
71921 HG	MG/KG DRY WT	0.13

STATION NO - 02444158 LATITUDE 33 13 08
 LAB STAT NO -5TTW34158 SEDIMENT LONGITUDE 088 17 10
 SITE LOCATION - TOMBIGBEE RIVER AB ALICEVILLE LOCK & DAM, AL

STORET TEST NO. & DESCRIPTION	DATE TIME DEPTH	03/24/86 14:25 000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00496 LOI MG/KG		66460
01003 AS MG/KG DRY WT		4.9
01028 CD MG/KG DRY WT L		0.5
01029 CR MG/KG		102
01038 COBALT MG/KG DRY WT		4.7
01043 CU MG/KG DRY WT		1.2
01052 PB MG/KG DRY WT		2.4
01068 NI MG/KG DRY WT		24
01093 ZN MG/KG DRY WT		1.5
71921 HG MG/KG DRY WT		0.090

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 33
PERIOD OCT 1985 - SEP 1986

STATION NO - 02444210 LATITUDE 33 11 11
LAB STAT NO -5TTW24210 SURFACE WATER LONGITUDE 088 16 03
SITE LOCATION - TOMBIGBEE R BIG CREEK BEND NR PICKENSVILLE, AL

STORET	DATE	11/14/85	01/22/86	03/25/86	07/15/86
TEST NO. &	TIME	13:20	13:40	10:15	12:20
DESCRIPTION	DEPTH	000	000	000	000

00027 COLLECT AGENCY		1028	1028	1028	
00028 ANALY AGENCY		810	810	810	810
00080 COLOR TR UNITS	PT-CO	40	35	50	25
00410 T.ALK MG/L	CAC03	19	3	0	38
00605 ORG.N MG/L	AS N	0.47	0.37	0.41	1.27
00610 T-NH3-N MG/L	AS N	0.02	0.07	0.15	0.28
00625 T.KJEL MG/L	AS N	0.49	0.44	0.56	1.35
00630 NO3+NO2 MG/L	AS N	0.013	0.04	0.130	0.004
00640 INORG.N MG/KG		0.03	0.11	0.28	
00665 T.PHOS MG/L	AS P	0.17	0.13	0.14	0.13
00666 D.PHOS MG/L	AS P	0.09	0.03	0.07	L 0.020
01045 TOT.FE UG/L		564	276	428	83
01046 DISS.FE UG/L		490	244	510	27
01055 TOT.MN UG/L		7.1	61	12.4	75
01056 DISS.MN UG/L		17	65	68.1	607
70507 T.ORTHO MG/L	PHOS	0.06	0.04	0.14	0.030
82079 TURBID NTU	LAB	14	12	36	13
82398 SAMPLE METHOD					30

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 34
 PERIOD OCT 1985 - SEP 1986

STATION NO - 02444210 LATITUDE 33 11 11
 LAB STAT NO -5TTW34210 SEDIMENT LONGITUDE 088 16 03
 SITE LOCATION - TOMBIGBEE R BIG CREEK BEND NR PICKENSVILLE, AL

STORET		DATE	03/25/86
TEST NO. &		TIME	10:15
DESCRIPTION		DEPTH	000

00027	COLLECT	AGENCY	1028
00028	ANALY	AGENCY	810
00496	LOI	MG/KG	26611
01003	AS	MG/KG	DRY WT 1.0
01028	CD	MG/KG	DRY WT L 0.5
01029	CR	MG/KG	28
01038	COBALT	MG/KG	DRY WT 3.2
01043	CU	MG/KG	DRY WT L 0.5
01052	PB	MG/KG	DRY WT 1.0
01068	NI	MG/KG	DRY WT 7.6
01093	ZN	MG/KG	DRY WT 0.48
71921	HG	MG/KG	DRY WT 0.090

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 35
PERIOD OCT 1985 - SEP 1986

STATION NO - 02447010 LATITUDE 32 57 38
LAB STAT NO -5TTW27010 SURFACE WATER LONGITUDE 088 11 14
SITE LOCATION - TOMBIGBEE RIVER AT COOKS BENDWAY NR WARSAW, AL

STORET TEST NO. & DESCRIPTION	DATE TIME DEPTH	11/15/85 08:45 000	01/23/86 09:40 000	03/25/86 14:00 000	07/16/86 08:55 000

00027 COLLECT AGENCY		1028	1028	1028	
00028 ANALY AGENCY		810	810	810	810
00080 COLOR TR UNITS	PT-CO	50	25	80	15
00410 T.ALK MG/L	CAC03	22	11	0	49
00605 ORG.N MG/L	AS N	0.39	0.47	0.58	0.54
00610 T-NH3-N MG/L	AS N	0.06	0.02	0.14	0.21
00625 T.KJEL MG/L	AS N	0.45	0.49	0.72	0.71
00630 NO3+NO2 MG/L	AS N	0.178	0.06	0.230	0.010
00640 INORG.N MG/KG		0.24	0.08	0.37	
00665 T.PHOS MG/L	AS P	0.10	0.06	0.16	0.050
00666 D.PHOS MG/L	AS P	0.07	0.02	0.08	0.020
01045 TOT.FE UG/L		1120	341	394	104
01046 DISS.FE UG/L		574	383	546	41
01055 TOT.MN UG/L		5.0	68	18.2	15
01056 DISS.MN UG/L		12	37	36.1	16
70507 T.ORTHO MG/L	PHOS	0.03	0.02	0.13	L 0.020
82079 TURBID NTU	LAB	15	8.0	52	5.8
82398 SAMPLE METHOD					30

STATION NO - 02447010

LATITUDE 32 57 38

LAB STAT NO -5TTW37010 SEDIMENT

LONGITUDE 088 11 14

SITE LOCATION - TOMBIGBEE RIVER AT COOKS BENDWAY NR WARSAW, AL

STORET	DATE	03/25/86
TEST NO. &	TIME	14:00
DESCRIPTION	DEPTH	000

00027 COLLECT	AGENCY	1028
00028 ANALY	AGENCY	810
00496 LOI	MG/KG	45321
01003 AS	MG/KG DRY WT	3.3
01028 CD	MG/KG DRY WT L	0.5
01029 CR	MG/KG	57
01038 COBALT	MG/KG DRY WT	3.2
01043 CU	MG/KG DRY WT	0.74
01052 PB	MG/KG DRY WT	1.4
01068 NI	MG/KG DRY WT	13
01093 ZN	MG/KG DRY WT	0.93
71921 HG	MG/KG DRY WT	0.090

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 37
 PERIOD OCT 1985 - SEP 1986

STATION NO - 02447020 LATITUDE 32 51 38
 LAB STAT NO -5TTW37020 SEDIMENT LONGITUDE 088 09 25
 SITE LOCATION - TOMBIGBEE RIVER AB GAINESVILLE LOCK & DAM, AL

STORET TEST NO. & DESCRIPTION	DATE TIME DEPTH	03/26/86 09:20 000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00496 LOI MG/KG		28320
01003 AS MG/KG DRY WT		7.9
01028 CD MG/KG DRY WT L		0.5
01029 CR MG/KG		52
01038 COBALT MG/KG DRY WT		5.3
01043 CU MG/KG DRY WT		0.81
01052 PB MG/KG DRY WT		1.7
01068 NI MG/KG DRY WT		22
01093 ZN MG/KG DRY WT		1.2
71921 HG MG/KG DRY WT		0.040

WATER QUALITY TEST ON TENNESSEE TOMBIGBEE WATERWAY COE PAGE NO 38
 PERIOD OCT 1985 - SEP 1986

STATION NO - 02466998 LATITUDE 32 30 55
 LAB STAT NO -5TTW36998 SEDIMENT LONGITUDE 087 51 27
 SITE LOCATION - TOMBIGBEE RIVER AB DEMOPOLIS LOCK & DAM, AL

STORET	DATE	03/26/86
TEST NO. &	TIME	14:05
DESCRIPTION	DEPTH	000

00027 COLLECT AGENCY		1028
00028 ANALY AGENCY		810
00496 LOI MG/KG		34362
01003 AS MG/KG DRY WT		3.0
01028 CD MG/KG DRY WT L		0.5
01029 CR MG/KG		39
01038 COBALT MG/KG DRY WT		4.3
01043 CU MG/KG DRY WT		1.2
01052 PB MG/KG DRY WT		1.5
01068 NI MG/KG DRY WT		16
01093 ZN MG/KG DRY WT		0.99
71921 HG MG/KG DRY WT		0.080

STATION NO - 343855088155380 LATITUDE 34 38 55
 LAB STAT NO -5TTW70071 GROUND WATER LONGITUDE 088 15 53
 SITE LOCATION - DISPOSAL AREA WELL USCE 1704-A

STORET	DATE	11/22/85	05/14/86
TEST NO. &	TIME	10:30	08:51
DESCRIPTION	DEPTH	000	000

00027 COLLECT AGENCY		1028	1028
00028 ANALY AGENCY		810	810
00080 COLOR TR UNITS	PT-CO	10	5
00410 T.ALK	MG/L CAC03	19	2.3
00631 DNO3+N02	MG/L AS N	0.015	0.01
00915 DISS.CA	MG/L AS CA	34	29
00925 DISS.MG	MG/L	14	25
00930 DISS.NA	MG/L	9.4	10
00935 DISS. K	MG/L	2.2	3.2
00946 DSULFATE	MG/L AS S04	138	142
01045 TOT.FE	UG/L	28810	23710
01055 TOT.MN	UG/L	3355	2625
72005 SAMPLE SOURCE	CODE	1004	1004
72006 SAMPLE CNDITION	CODE	0.11	0.11
82398 SAMPLE METHOD		4020	4020

STATION NO - 343855088155381 LATITUDE 34 38 55
 LAB STAT NO -5TTW70072 GROUND WATER LONGITUDE 088 15 53
 SITE LOCATION - DISPOSAL AREA WELL USCE 1704-B

STORET	DATE	11/22/85	05/14/86
TEST NO. &	TIME	10:40	08:55
DESCRIPTION	DEPTH	000	000

00027 COLLECT AGENCY		1028	1028
00028 ANALY AGENCY		810	810
00080 COLOR TR UNITS	PT-CO	10	5
00410 T.ALK MG/L	CAC03	26	18
00631 DNO3+NO2 MG/L	AS N	0.010	0.04
00915 DISS.CA MG/L	AS CA	98	102
00925 DISS.MG MG/L		24	25
00930 DISS.NA MG/L		8.0	7.0
00935 DISS. K MG/L		7.5	6.0
00946 DSULFATE MG/L	AS S04	350	309
01045 TOT.FE UG/L		80810	74900
01055 TOT.MN UG/L		4675	4679
72005 SAMPLE SOURCE	CODE	1004	1004
72006 SAMPLE CNDITION	CODE	0.11	0.11
82398 SAMPLE METHOD		4020	4020

Percent of Gravel, Sand, Silt and Clay¹ from Bottom Sediments of Tributary and
Waterway Stations on Tennessee-Tombigbee Waterway

STORET STATION NUMBER	GRAVEL (% > 2 mm)	SAND (% > 0.0625 mm and < 2 mm)	SILT (% > 0.0039 mm and < 0.0625 mm)	CLAY (% < 0.0039 mm)
03592824	0	37	43	20
343140088192235	0	50	32	18
02430005	1	92.5	4.5	2
02430100	5	87.5	5	2.5
02436500	0	94	3.5	2.5
02437000	0	97.5	2	0.5
335008088311335	0	26	28.5	45.5
02437101	0	95	2.5	2.5
02437600	8	57	19	16
02439600	100	0	0	0
333927088304935	0	74	11	15
02441000	0	80	13	7
333119088291435	0	46.5	21	32.5
02441391	86	11.5	1.5	1
02443500	0	19	36	45
02443610	0	17	34	49
02444158	1	17	41	41
02444161	60	12	14	14
02444210	0	64	25.5	10.5
02446500	2	94	2.5	1.5
02447010	0	54.5	16.5	29
02447020	34	44	8	14
02448500	0	67	18.5	14.5
02449000	4.5	92.5	1	2
02466998	7.5	41	31	20.5

¹Wentworth, C.K. 1922. A scale of grade and class terms for clastic sediments.
J. Geol. 30: 377-392.

APPENDIX TVA

BIOLOGICAL DATA

03592824 TENN-TOM WATERWAY AT CROSS ROADS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 13	Chlorophyta	<i>Actinastrum</i>	127592
		<i>Ankistrodesmus</i>	118256
		<i>Chlamydomonas</i>	9336
		<i>Chlorella</i>	3112
		<i>Crucigenia</i>	46680
		<i>Kirchneriella</i>	37344
		<i>Pediastrum</i>	49792
		<i>Scenedesmus</i>	174272
		<i>Schroederia</i>	15560
		<i>Staurastrum</i>	12448
	Chrysophyta	<i>Achnanthes</i>	12448
		<i>Asterionella</i>	24896
		<i>Dinobryon</i>	6224
		<i>Gyrosigma</i>	3112
		<i>Melosira</i>	721984
		<i>Navicula</i>	6224
		<i>Stephanodiscus</i>	21784
		<i>Synedra</i>	96472
	Cryptophyta	<i>Chroomonas</i>	3112
		<i>Cryptomonas</i>	3112
	Cyanophyta	<i>Anacystis</i>	152488
		<i>Merismopedia</i>	65352
		<i>Oscillatoria</i>	970944
	Euglenophyta	<i>Euglena</i>	12448
		<i>Trachelomonas</i>	18672

03592824 TENN-TOM WATERWAY AT CROSS ROADS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 04	Chlorophyta	<i>Ankistrodesmus</i>	59128
		<i>Chlamydomonas</i>	52904
		<i>Crucigenia</i>	24896
		<i>Dictyosphaerium</i>	177384
		<i>Kirchneriella</i>	12448
		<i>Micractinium</i>	46680
		<i>Scenedesmus</i>	56016
		<i>Schroederia</i>	12448
	Chrysophyta	<i>Achnanthes</i>	6224
		<i>Dinobryon</i>	18672
		<i>Melosira</i>	759328
		<i>Rhizosolenia</i>	12448
		<i>Stephanodiscus</i>	9336
		<i>Synedra</i>	130704
	Cryptophyta	<i>Chroomonas</i>	52904
		<i>Cryptomonas</i>	31120
	Cyanophyta	<i>Anacystis</i>	133816
		<i>Merismopedia</i>	108920
		<i>Oscillatoria</i>	1095424
	Euglenophyta	<i>Euglena</i>	15560
		<i>Trachelomonas</i>	6224

03592824 TENN-TOM WATERWAY AT CROSS ROADS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 17	Chlorophyta	<i>Actinastrum</i>	18672
		<i>Ankistrodesmus</i>	37344
		<i>Chlorella</i>	3112
	Chrysophyta	<i>Dinobryon</i>	28008
		<i>Melosira</i>	143152
		<i>Navicula</i>	9336
		<i>Stephanodiscus</i>	9336
		<i>Synedra</i>	65352
	Cyanophyta	<i>Oscillatoria</i>	174272
	Euglenophyta	<i>Euglena</i>	6224

03592824 TENN-TOM WATERWAY AT CROSS ROADS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 07	Chlorophyta	<i>Acanthosphaera</i>	3112
		<i>Ankistrodesmus</i>	6224
		<i>Chodatella</i>	6224
		<i>Crucigenia</i>	43568
		<i>Dictyosphaerium</i>	37344
		<i>Golenkinia</i>	9336
		<i>Kirchneriella</i>	317424
		<i>Oocystis</i>	49792
		<i>Pediastrum</i>	49792
		<i>Pteromonas</i>	15560
		<i>Scenedesmus</i>	301864
		<i>Schroederia</i>	3112
		<i>Staurastrum</i>	15560
	Chrysophyta	<i>Achnanthes</i>	49792
		<i>Dinobryon</i>	3112
		<i>Fragilaria</i>	326760
		<i>Melosira</i>	158712
		<i>Navicula</i>	3112
		<i>Rhizosolenia</i>	15560
		<i>Synedra</i>	192944
	Cyanophyta	<i>Anabaena</i>	501032
		<i>Anacystis</i>	768664
		<i>Aphanizomenon</i>	547712
		<i>Merismopedia</i>	105808
		<i>Oscillatoria</i>	199168
	Euglenophyta	<i>Euglena</i>	233400
		<i>Phacus</i>	6224
	Pyrrhophyta	<i>Trachelomonas</i>	21784
		<i>Ceratium</i>	3112
		<i>Gymnodinium</i>	15560

343140088192235 TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 13	Chlorophyta	<i>Ankistrodesmus</i>	15560
		<i>Chlamydomonas</i>	3112
		<i>Crucigenia</i>	96472
		<i>Scenedesmus</i>	87136
	Chrysophyta	<i>Melosira</i>	59128
		<i>Navicula</i>	3112
		<i>Rhizosolenia</i>	6224
		<i>Stephanodiscus</i>	6224
		<i>Synedra</i>	6224
	Cryptophyta	<i>Chroomonas</i>	6224
		<i>Cryptomonas</i>	3112
	Cyanophyta	<i>Anacystis</i>	65352
		<i>Merismopedia</i>	71576

343140088192235 TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 04	Chlorophyta	<i>Ankistrodesmus</i>	15560
		<i>Chlamydomonas</i>	24896
		<i>Crucigenia</i>	24896
		<i>Dictyosphaerium</i>	37344
		<i>Kirchneriella</i>	12448
		<i>Scenedesmus</i>	18672
	Chrysophyta	<i>Achnanthes</i>	3112
		<i>Melosira</i>	62240
		<i>Rhizosolenia</i>	46680
		<i>Synedra</i>	40456
	Cryptophyta	<i>Cryptomonas</i>	21784
		Cryptophyta	18672
	Cyanophyta	<i>Anacystis</i>	115144
	Euglenophyta	<i>Trachelomonas</i>	3112

343140088192235 TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 17	Chlorophyta	<i>Chlamydomonas</i>	6224
	Chrysophyta	<i>Asterionella</i>	24896
		<i>Melosira</i>	43568
		<i>Stephanodiscus</i>	3112
		<i>Synedra</i>	15560
	Euglenophyta	<i>Euglena</i>	3112

343140088192235 TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 07	Chlorophyta	<i>Chodatella</i>	3112
		<i>Crucigenia</i>	62240
		<i>Elakatothrix</i>	24896
		<i>Kirchneriella</i>	18672
		<i>Micractinium</i>	24896
		<i>Pediastrum</i>	74688
		<i>Scenedesmus</i>	62240
	Chrysophyta	<i>Attheya</i>	3112
		<i>Fragilaria</i>	56016
		<i>Navicula</i>	3112
		<i>Synedra</i>	3112
	Cyanophyta	<i>Anabaena</i>	71576
		<i>Anacystis</i>	174272
		<i>Merismopedia</i>	31120
	Euglenophyta	<i>Euglena</i>	12448
		<i>Trachelomonas</i>	6224

02430005 TENN-TOM WATERWAY BELOW BAY SPRINGS L&D, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 13	Chlorophyta	<i>Ankistrodesmus</i>	24896
		<i>Chlamydomonas</i>	3112
		<i>Chodatella</i>	3112
		<i>Crucigenia</i>	24896
		<i>Oocystis</i>	12448
		<i>Scenedesmus</i>	24896
	Chrysophyta	<i>Cymbella</i>	3112
		<i>Melosira</i>	52904
		<i>Rhizosolenia</i>	3112
		<i>Synedra</i>	9336
	Cryptophyta	<i>Chroomonas</i>	3112
		<i>Cryptomonas</i>	3112
	Cyanophyta	<i>Merismopedia</i>	43568

02430005 TENN-TOM WATERWAY BELOW BAY SPRINGS L&D, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 04	Chlorophyta	<i>Ankistrodesmus</i>	3112
		<i>Chlamydomonas</i>	21784
		<i>Crucigenia</i>	37344
		<i>Scenedesmus</i>	6224
	Chrysophyta	<i>Dinobryon</i>	87136
		<i>Melosira</i>	71576
		<i>Navicula</i>	3112
		<i>Rhizosolenia</i>	80912
		<i>Stephanodiscus</i>	6224
		<i>Synedra</i>	37344
		<i>Tabellaria</i>	74688
	Cryptophyta	<i>Chroomonas</i>	24896
		<i>Cryptomonas</i>	15560
	Cyanophyta	<i>Anacystis</i>	90248

02430005 TENN-TOM WATERWAY BELOW BAY SPRINGS L&D, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 17	Chlorophyta	<i>Ankistrodesmus</i>	3112
		<i>Chlamydomonas</i>	3112
	Chrysophyta	<i>Melosira</i>	3112
		<i>Stephanodiscus</i>	3112
	Cryptophyta	<i>Chroomonas</i>	9336
	Euglenophyta	<i>Euglena</i>	3112

02430005 TENN-TOM WATERWAY BELOW BAY SPRINGS L&D, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 07	Chlorophyta	<i>Arthrodesmus</i>	21784
		<i>Crucigenia</i>	40456
		<i>Elakatothrix</i>	6224
		<i>Oocystis</i>	31120
		<i>Scenedesmus</i>	24896
	Chrysophyta	<i>Achnanthes</i>	3112
		<i>Dinobryon</i>	6224
		<i>Melosira</i>	52904
		<i>Synedra</i>	3112
	Cyanophyta	<i>Anacystis</i>	332984
		<i>Merismopedia</i>	59128
	Euglenophyta	<i>Euglena</i>	3112
	Pyrrhophyta	<i>Ceratium</i>	3112

02430100 MACKEY'S CREEK NEAR MOORES MILL, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 13	Chlorophyta	<i>Ankistrodesmus</i>	6224
		<i>Scenedesmus</i>	49792
	Chrysophyta	<i>Melosira</i>	21784
		<i>Navicula</i>	9336
		<i>Synedra</i>	18672
	Cyanophyta	<i>Merismopedia</i>	12448

02430100 MACKEYS CREEK NEAR MOORES MILL, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 04	Chlorophyta	<i>Ankistrodesmus</i>	6224
		<i>Coelastrum</i>	43568
		<i>Crucigenia</i>	12448
		<i>Dictyosphaerium</i>	115144
	Chrysophyta	<i>Achnanthes</i>	3112
		<i>Dinobryon</i>	12448
		<i>Melosira</i>	59128
		<i>Navicula</i>	3112
		<i>Rhizosolenia</i>	9336
		<i>Synedra</i>	24896
		<i>Synura</i>	9336

02430100 MACKEYS CREEK NEAR MOORES MILL, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 17	Chlorophyta	<i>Ankistrodesmus</i>	9336
		<i>Scenedesmus</i>	6224
	Chrysophyta	<i>Melosira</i>	34232
		<i>Navicula</i>	24896
		<i>Synedra</i>	71576

02430100 MACKEYS CREEK NEAR MOORES MILL, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 07	Chlorophyta	<i>Elakatothrix</i>	6224
		<i>Scenedesmus</i>	12448
	Chrysophyta	<i>Dinobryon</i>	6224
		<i>Melosira</i>	9336
		<i>Navicula</i>	6224
		<i>Stephanodiscus</i>	3112
	Cyanophyta	<i>Merismopedia</i>	37344
	Euglenophyta	<i>Euglena</i>	3112

02436500 TOWN CREEK NEAR NETTLETON, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 12	Chlorophyta	<i>Actinastrum</i>	49792
		<i>Ankistrodesmus</i>	62240
		<i>Chlamydomonas</i>	9336
		<i>Closterium</i>	3112
		<i>Coelastrum</i>	65352
		<i>Crucigenia</i>	56016
		<i>Dictyosphaerium</i>	781112
		<i>Micractinium</i>	28008
		<i>Protococcus</i>	121368
		<i>Scenedesmus</i>	541488
		<i>Schroederia</i>	93360
		<i>Tetrastrum</i>	12448
	Chrysophyta	<i>Achnanthes</i>	12448
		<i>Chaetoceros</i>	43568
		<i>Cymbella</i>	9336
		<i>Melosira</i>	59128
		<i>Navicula</i>	90248
		<i>Nitzschia</i>	9336
		<i>Stephanodiscus</i>	143152
		<i>Synedra</i>	261408
		<i>Synura</i>	105808
	Cryptophyta	<i>Chroomonas</i>	6224
		<i>Cryptomonas</i>	3112
	Cyanophyta	<i>Anacystis</i>	606840
		<i>Merismopedia</i>	893144
		<i>Oscillatoria</i>	1120320
	Euglenophyta	<i>Euglena</i>	196056
		<i>Trachelomonas</i>	74688

02436500 TOWN CREEK NEAR NETTLETON, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 03	Chlorophyta	<i>Ankistrodesmus</i>	74688
		<i>Chlamydomonas</i>	59128
		<i>Coelastrum</i>	80912
		<i>Dictyosphaerium</i>	1182560
		<i>Kirchneriella</i>	1039408
		<i>Micractinium</i>	112032
		<i>Pediastrum</i>	80912
		<i>Scenedesmus</i>	1387952
		<i>Schroederia</i>	161824
	Chrysophyta	<i>Cymbella</i>	12448
		<i>Gomphonema</i>	52904
		<i>Navicula</i>	230288
		<i>Nitzschia</i>	6224
		<i>Stephanodiscus</i>	118256
		<i>Surirella</i>	40456
		<i>Synedra</i>	239624
	Cryptophyta	<i>Chroomonas</i>	15560
		<i>Cryptomonas</i>	21784
	Cyanophyta	<i>Anacystis</i>	482360
		<i>Merismopedia</i>	112032
		<i>Oscillatoria</i>	199168
	Euglenophyta	<i>Euglena</i>	46680

02436500 TOWN CREEK NEAR NETTLETON, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 18	Chlorophyta	<i>Ankistrodesmus</i>	31120
		<i>Dictyosphaerium</i>	24896
		<i>Scenedesmus</i>	186720
	Chrysophyta	<i>Asterionella</i>	9336
		<i>Dinobryon</i>	28008
		<i>Gomphonema</i>	9336
		<i>Melosira</i>	34232
		<i>Navicula</i>	24896
		<i>Stephanodiscus</i>	3112
		<i>Synedra</i>	34232
	Cryptophyta	<i>Chroomonas</i>	9336
		<i>Cryptomonas</i>	9336

02436500 TOWN CREEK NEAR NETTLETON, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 08	Chlorophyta	<i>Actinastrum</i>	491696
		<i>Ankistrodesmus</i>	230288
		<i>Botryococcus</i>	93360
		<i>Chodatella</i>	12448
		<i>Coelastrum</i>	373440
		<i>Cosmarium</i>	12448
		<i>Crucigenia</i>	525928
		<i>Dictyosphaerium</i>	469912
		<i>Elakatothrix</i>	34232
		<i>Eudorina</i>	199168
		<i>Golenkinia</i>	12448
		<i>Gonium</i>	348544
		<i>Kirchneriella</i>	252072
		<i>Micractinium</i>	49792
		<i>Oocystis</i>	180496
		<i>Pandorina</i>	99584
		<i>Pediastrum</i>	174272
		<i>Scenedesmus</i>	5536248
		<i>Schroederia</i>	65352
		<i>Staurastrum</i>	6224
		<i>Treubaria</i>	6224
	Chrysophyta	<i>Chaetoceros</i>	224064
		<i>Fragilaria</i>	80912
		<i>Melosira</i>	121368
		<i>Navicula</i>	46680
		<i>Nitzschia</i>	28008
		<i>Stephanodiscus</i>	174272
		<i>Synedra</i>	65352
	Cyanophyta	<i>Anabaena</i>	93360
		<i>Anacystis</i>	840240
		<i>Aphanizomenon</i>	2838144
		<i>Coelosphaerium</i>	242736
		<i>Merismopedia</i>	665968
	Euglenophyta	<i>Euglena</i>	171160
		<i>Phacus</i>	15560
	Pyrrhophyta	<i>Trachelomonas</i>	18672
		<i>Gymnodinium</i>	6224

02437000 TOMBIGBEE RIVER NEAR AMORY, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 14	Chlorophyta	<i>Ankistrodesmus</i>	37344
		<i>Chlamydomonas</i>	9336
		<i>Coelastrum</i>	24896
		<i>Crucigenia</i>	49792
		<i>Dictyosphaerium</i>	507256
		<i>Micractinium</i>	74688
		<i>Pteromonas</i>	6224
		<i>Scenedesmus</i>	270744
		<i>Schroederia</i>	37344
	Chrysophyta	<i>Attheya</i>	6224
		<i>Gyrosigma</i>	6224
		<i>Melosira</i>	168048
		<i>Navicula</i>	65352
		<i>Nitzschia</i>	9336
		<i>Stephanodiscus</i>	90248
		<i>Synedra</i>	93360
		<i>Synura</i>	71576
	Cryptophyta	<i>Chroomonas</i>	9336
		<i>Cryptomonas</i>	6224
	Cyanophyta	<i>Anacystis</i>	298752
		<i>Merismopedia</i>	233400
	Euglenophyta	<i>Euglena</i>	52904
		<i>Trachelomonas</i>	12448

02437000 TOMBIGBEE RIVER NEAR AMORY, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 05	Chlorophyta	<i>Actinastrum</i>	34232
		<i>Botryococcus</i>	121368
		<i>Chlorella</i>	12448
		<i>Coelastrum</i>	149376
		<i>Crucigenia</i>	12448
		<i>Dictyosphaerium</i>	124480
		<i>Kirchneriella</i>	77800
		<i>Micractinium</i>	59128
		<i>Pediastrum</i>	24896
		<i>Pteromonas</i>	37344
		<i>Scenedesmus</i>	522816
	Chrysophyta	<i>Achnanthes</i>	12448
		<i>Cymbella</i>	40456
		<i>Dinobryon</i>	34232
		<i>Gomphonema</i>	28008
		<i>Gyrosigma</i>	12448
		<i>Melosira</i>	87136
		<i>Navicula</i>	133816
		<i>Nitzschia</i>	24896
		<i>Rhizosolenia</i>	18672
		<i>Stephanodiscus</i>	37344
		<i>Surirella</i>	40456
		<i>Synedra</i>	261408
		<i>Synura</i>	127592
	Cryptophyta	<i>Chroomonas</i>	31120
		<i>Cryptomonas</i>	24896
	Cyanophyta	<i>Anacystis</i>	124480
	Euglenophyta	<i>Euglena</i>	152488
		<i>Trachelomonas</i>	43568

02437000 TOMBIGBEE RIVER NEAR AMORY, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 18	Chlorophyta	<i>Ankistrodesmus</i>	31120
		<i>Chlamydomonas</i>	3112
		<i>Dictyosphaerium</i>	37344
		<i>Pteromonas</i>	3112
		<i>Scenedesmus</i>	90248
	Chrysophyta	<i>Asterionella</i>	37344
		<i>Cymbella</i>	9336
		<i>Dinobryon</i>	6224
		<i>Gomphonema</i>	9336
		<i>Melosira</i>	31120
		<i>Navicula</i>	28008
		<i>Synedra</i>	37344
		<i>Synura</i>	56016
	Cryptophyta	<i>Chroomonas</i>	6224
		<i>Cryptomonas</i>	12448
	Euglenophyta	<i>Trachelomonas</i>	6224

02437000 TOMBIGBEE RIVER NEAR AMORY, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 08	Chlorophyta	<i>Acanthosphaera</i>	12448
		<i>Actinastrum</i>	619288
		<i>Ankistrodesmus</i>	214728
		<i>Botryococcus</i>	124480
		<i>Chodatella</i>	6224
		<i>Coelastrum</i>	108920
		<i>Crucigenia</i>	133816
		<i>Dictyosphaerium</i>	248960
		<i>Eudorina</i>	99584
		<i>Gonium</i>	242736
		<i>Kirchneriella</i>	261408
		<i>Micractinium</i>	43568
		<i>Oocystis</i>	115144
		<i>Pediastrum</i>	199168
		<i>Pteromonas</i>	9336
		<i>Scenedesmus</i>	2539392
		<i>Schroederia</i>	71576
		<i>Staurastrum</i>	6224
		<i>Tetrastrum</i>	24896
	Chrysophyta	<i>Achnanthes</i>	6224
		<i>Chaetoceros</i>	133816
		<i>Melosira</i>	348544
		<i>Navicula</i>	37344
		<i>Nitzschia</i>	9336
		<i>Stephanodiscus</i>	93360
		<i>Synedra</i>	56016
	Cyanophyta	<i>Anabaena</i>	99584
		<i>Anacystis</i>	553936
		<i>Aphanizomenon</i>	1369280
		<i>Coelosphaerium</i>	164936
		<i>Merismopedia</i>	774888
	Euglenophyta	<i>Oscillatoria</i>	622400
		<i>Euglena</i>	112032
		<i>Phacus</i>	12448
		<i>Trachelomonas</i>	43568

335008088311335 TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 15	Chlorophyta	<i>Actinastrum</i>	18672
		<i>Ankistrodesmus</i>	121368
		<i>Chlamydomonas</i>	208504
		<i>Chlorella</i>	15560
		<i>Closteriopsis</i>	3112
		<i>Crucigenia</i>	171160
		<i>Kirchneriella</i>	121368
		<i>Micractinium</i>	68464
		<i>Pediastrum</i>	49792
		<i>Pteromonas</i>	28008
		<i>Scenedesmus</i>	99584
		<i>Schroederia</i>	15560
	Chrysophyta	<i>Mallomonas</i>	49792
		<i>Melosira</i>	942936
		<i>Navicula</i>	12448
		<i>Pleurosigma</i>	6224
		<i>Stephanodiscus</i>	49792
		<i>Synedra</i>	174272
		<i>Synura</i>	77800
	Cryptophyta	<i>Chroomonas</i>	80912
		<i>Cryptomonas</i>	56016
	Cyanophyta	<i>Anacystis</i>	497920
		<i>Merismopedia</i>	360992
	Euglenophyta	<i>Euglena</i>	298752
		<i>Trachelomonas</i>	15560

335008088311335 TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 05	Chlorophyta	<i>Ankistrodesmus</i>	171160
		<i>Chlamydomonas</i>	31120
		<i>Chlorella</i>	6224
		<i>Crucigenia</i>	12448
		<i>Dictyosphaerium</i>	317424
		<i>Kirchneriella</i>	146264
		<i>Micractinium</i>	124480
		<i>Pteromonas</i>	6224
		<i>Scenedesmus</i>	177384
		<i>Schroederia</i>	28008
	Chrysophyta	<i>Asterionella</i>	21784
		<i>Dinobryon</i>	143152
		<i>Melosira</i>	43568
		<i>Navicula</i>	15560
		<i>Stephanodiscus</i>	49792
		<i>Synedra</i>	84024
		<i>Synura</i>	140040
	Cryptophyta	<i>Chroomonas</i>	62240
		<i>Cryptomonas</i>	71576
	Cyanophyta	<i>Merismopedia</i>	31120
	Euglenophyta	<i>Euglena</i>	34232

335008088311335 TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 18	Chlorophyta	<i>Ankistrodesmus</i>	24896
		<i>Chlamydomonas</i>	9336
		<i>Dictyosphaerium</i>	143152
		<i>Pediastrum</i>	49792
		<i>Scenedesmus</i>	93360
	Chrysophyta	<i>Cocconeis</i>	3112
		<i>Dinobryon</i>	21784
		<i>Melosira</i>	37344
		<i>Navicula</i>	21784
		<i>Nitzschia</i>	6224
		<i>Synedra</i>	12448
	Cryptophyta	<i>Chroomonas</i>	9336
		<i>Cryptomonas</i>	6224
	Euglenophyta	<i>Trachelomonas</i>	3112

335008088311335 TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 08	Chlorophyta	<i>Actinastrum</i>	336096
		<i>Ankistrodesmus</i>	49792
		<i>Chodatella</i>	9336
		<i>Coelastrum</i>	90248
		<i>Crucigenia</i>	205392
		<i>Dictyosphaerium</i>	136928
		<i>Elakatothrix</i>	24896
		<i>Golenkinia</i>	12448
		<i>Gonium</i>	152488
		<i>Kirchneriella</i>	152488
		<i>Oocystis</i>	93360
		<i>Pandorina</i>	99584
		<i>Pediastrum</i>	224064
		<i>Pteromonas</i>	18672
		<i>Scenedesmus</i>	753104
		<i>Schroederia</i>	43568
		<i>Staurastrum</i>	21784
	Chrysophyta	<i>Fragilaria</i>	90248
		<i>Melosira</i>	1151440
		<i>Rhizosolenia</i>	6224
		<i>Stephanodiscus</i>	28008
		<i>Synedra</i>	105808
	Cyanophyta	<i>Anabaena</i>	192944
		<i>Anacystis</i>	379664
		<i>Aphanizomenon</i>	821568
		<i>Cylindrospermum</i>	108920
		<i>Merismopedia</i>	1151440
	Euglenophyta	<i>Oscillatoria</i>	497920
		<i>Euglena</i>	183608
		<i>Phacus</i>	12448
	Pyrrhophyta	<i>Trachelomonas</i>	90248
		<i>Ceratium</i>	3112
		<i>Gymnodinium</i>	15560

02437101 TENNESSEE RIVER BELOW ABERDEEN L&D, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 14	Chlorophyta	<i>Actinastrum</i>	74688
		<i>Ankistrodesmus</i>	15560
		<i>Chlamydomonas</i>	18672
		<i>Chlorella</i>	6224
		<i>Crucigenia</i>	149376
		<i>Oocystis</i>	12448
		<i>Scenedesmus</i>	18672
	Chrysophyta	<i>Cymbella</i>	3112
		<i>Melosira</i>	488584
		<i>Navicula</i>	6224
		<i>Stephanodiscus</i>	9336
		<i>Synedra</i>	18672
	Cryptophyta	<i>Chroomonas</i>	15560
		<i>Cryptomonas</i>	6224
	Cyanophyta	<i>Merismopedia</i>	186720
	Euglenophyta	<i>Euglena</i>	15560

02437101 TOMBIGBEE RIVER BELOW ABERDEEN L&D, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 05	Chlorophyta	<i>Ankistrodesmus</i>	155600
		<i>Chlamydomonas</i>	28008
		<i>Chlorella</i>	12448
		<i>Dictyosphaerium</i>	196056
		<i>Kirchneriella</i>	49792
		<i>Micractinium</i>	52904
		<i>Pteromonas</i>	6224
		<i>Scenedesmus</i>	133816
		<i>Schroederia</i>	15560
	Chrysophyta	<i>Dinobryon</i>	102696
		<i>Melosira</i>	40456
		<i>Navicula</i>	9336
		<i>Stephanodiscus</i>	15560
		<i>Synedra</i>	62240
		<i>Synura</i>	155600
	Cryptophyta	<i>Chroomonas</i>	77800
		<i>Cryptomonas</i>	59128
	Cyanophyta	<i>Anacystis</i>	56016
		<i>Merismopedia</i>	28008
	Euglenophyta	<i>Euglena</i>	15560
		<i>Trachelomonas</i>	3112

02437101 TOMBIGBEE RIVER BELOW ABERDEEN L&D, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 18	Chlorophyta	<i>Actinastrum</i>	155600
		<i>Ankistrodesmus</i>	28008
		<i>Chlamydomonas</i>	12448
		<i>Coelastrum</i>	15560
		<i>Dictyosphaerium</i>	74688
		<i>Pediastrum</i>	199168
		<i>Scenedesmus</i>	74688
		Chrysophyta	<i>Asterionella</i>
	<i>Dinobryon</i>		12448
	<i>Gomphonema</i>		3112
	<i>Melosira</i>		121368
	<i>Navicula</i>		12448
	<i>Nitzschia</i>		3112
	<i>Stephanodiscus</i>		6224
	<i>Synedra</i>		21784
	Cryptophyta	<i>Synura</i>	62240
		<i>Cryptomonas</i>	6224
	Euglenophyta	<i>Euglena</i>	6224
		<i>Trachelomonas</i>	3112

02437101 TOMBIGBEE RIVER BELOW ABERDEEN L&D, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 08	Chlorophyta	<i>Actinastrum</i>	261408
		<i>Ankistrodesmus</i>	56016
		<i>Chodatella</i>	9336
		<i>Coelastrum</i>	49792
		<i>Crucigenia</i>	49792
		<i>Dictyosphaerium</i>	99584
		<i>Eudorina</i>	99584
		<i>Gonium</i>	105808
		<i>Kirchneriella</i>	52904
		<i>Pandorina</i>	99584
		<i>Pediastrum</i>	199168
		<i>Polyedriopsis</i>	6224
		<i>Scenedesmus</i>	286304
		<i>Schroederia</i>	37344
		<i>Staurastrum</i>	12448
	Chrysophyta	<i>Cymbella</i>	3112
		<i>Dinobryon</i>	12448
		<i>Melosira</i>	949160
		<i>Navicula</i>	9336
		<i>Rhizosolenia</i>	3112
		<i>Stephanodiscus</i>	31120
		<i>Synedra</i>	49792
	Cyanophyta	<i>Anabaena</i>	497920
		<i>Anacystis</i>	429456
		<i>Aphanizomenon</i>	497920
		<i>Merismopedia</i>	746880
		<i>Oscillatoria</i>	398336
	Euglenophyta	<i>Euglena</i>	140040
		<i>Phacus</i>	15560
	Pyrrhophyta	<i>Trachelomonas</i>	52904
		<i>Gymnodinium</i>	6224

02437600 JAMES CREEK AT ABERDEEN, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 12	Chlorophyta	<i>Ankistrodesmus</i>	3112
		<i>Chlorella</i>	9336
		<i>Kirchneriella</i>	12448
		<i>Scenedesmus</i>	18672
	Chrysophyta	<i>Navicula</i>	6224
		<i>Stephanodiscus</i>	9336
		<i>Synedra</i>	56016
		<i>Synura</i>	24896
	Cryptophyta	<i>Chroomonas</i>	3112
		<i>Cryptomonas</i>	6224
	Cyanophyta	<i>Merismopedia</i>	62240
	Euglenophyta	<i>Euglena</i>	6224

02437600 JAMES CREEK AT ABERDEEN, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 03	Chlorophyta	<i>Actinastrum</i>	21784
		<i>Ankistrodesmus</i>	18672
		<i>Chlamydomonas</i>	6224
		<i>Chlorella</i>	21784
		<i>Dictyosphaerium</i>	199168
		<i>Eudorina</i>	199168
		<i>Kirchneriella</i>	18672
		<i>Schroederia</i>	6224
	Chrysophyta	<i>Cymbella</i>	6224
		<i>Dinobryon</i>	9336
		<i>Melosira</i>	9336
		<i>Synedra</i>	130704
		<i>Synura</i>	276968
	Cyanophyta	<i>Anacystis</i>	149376
	Euglenophyta	<i>Euglena</i>	43568
		<i>Trachelomonas</i>	18672

02437600 JAMES CREEK AT ABERDEEN, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 18	Chlorophyta	<i>Ankistrodesmus</i>	15560
		<i>Chlorella</i>	6224
		<i>Dictyosphaerium</i>	12448
		<i>Eudorina</i>	124480
		<i>Gonium</i>	49792
		<i>Oocystis</i>	6224
		<i>Scenedesmus</i>	37344
	Chrysophyta	<i>Cymbella</i>	3112
		<i>Dinobryon</i>	52904
		<i>Navicula</i>	18672
		<i>Synedra</i>	40456
		<i>Synura</i>	62240
	Cryptophyta	<i>Chroomonas</i>	6224
		<i>Cryptomonas</i>	6224
	Euglenophyta	<i>Euglena</i>	46680
		<i>Trachelomonas</i>	34232

02437600 JAMES CREEK AT ABERDEEN, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 08	Chlorophyta	<i>Ankistrodesmus</i>	46680
		<i>Cosmarium</i>	9336
		<i>Crucigenia</i>	21784
		<i>Eudorina</i>	99584
		<i>Gonium</i>	224064
		<i>Kirchneriella</i>	21784
		<i>Pteromonas</i>	6224
		<i>Scenedesmus</i>	43568
		<i>Schroederia</i>	12448
	Chrysophyta	<i>Achnanthes</i>	6224
		<i>Cocconeis</i>	3112
		<i>Cymbella</i>	9336
		<i>Gyrosigma</i>	9336
		<i>Melosira</i>	37344
		<i>Navicula</i>	62240
		<i>Nitzschia</i>	18672
		<i>Stephanodiscus</i>	9336
		<i>Synedra</i>	12448
	Cyanophyta	<i>Merismopedia</i>	43568
		<i>Oscillatoria</i>	74688
	Euglenophyta	<i>Euglena</i>	37344

02439600 BUTTAHATCHEE RIVER NEAR KOLOLA SPRINGS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 15	Chlorophyta	<i>Crucigenia</i>	12448
	Chrysophyta	<i>Navicula</i>	3112
	Cryptophyta	<i>Chroomonas</i>	3112
		<i>Cryptomonas</i>	3112
	Cyanophyta	<i>Merismopedia</i>	12448
	Euglenophyta	<i>Euglena</i>	3112

02439600 BUTTIAHATCHEE RIVER NEAR KOLOLA SPRINGS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 06	Chlorophyta	<i>Ankistrodesmus</i>	3112
		<i>Closterium</i>	3112
		<i>Cosmarium</i>	3112
		<i>Mougeotia</i>	12448
		<i>Scenedesmus</i>	12448
	Chrysophyta	<i>Cymbella</i>	3112
		<i>Navicula</i>	9336
		<i>Nitzschia</i>	6224
		<i>Stephanodiscus</i>	3112
		<i>Synedra</i>	15560
		<i>Synura</i>	189832
	Euglenophyta	<i>Euglena</i>	3112

02439600 BUTTAHATCHEE RIVER NEAR KOLOLA SPRINGS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 19	Chlorophyta	<i>Ankistrodesmus</i>	6224
		<i>Crucigenia</i>	12448
		<i>Kirchneriella</i>	3112
	Chrysophyta	<i>Navicula</i>	9336
		<i>Synedra</i>	6224

02439600 BUTTAHATCHEE RIVER NEAR KOLOLA SPRINGS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 09	Chlorophyta	<i>Ankistrodesmus</i>	149376
		<i>Closterium</i>	9336
		<i>Crucigenia</i>	12448
		<i>Dictyosphaerium</i>	56016
		<i>Kirchneriella</i>	49792
		<i>Scenedesmus</i>	304976
	Chrysophyta	<i>Navicula</i>	9336
		<i>Synedra</i>	46680
	Cyanophyta	<i>Merismopedia</i>	52904
		<i>Raphidiopsis</i>	68464
	Euglenophyta	<i>Euglena</i>	6224
		<i>Trachelomonas</i>	6224

333927088304935 TTW COLUMBUS LAKE BUTTAHATCHEE RIVER BENDWAY 26A
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 15	Chlorophyta	<i>Actinastrum</i>	62240
		<i>Ankistrodesmus</i>	56016
		<i>Chlamydomonas</i>	124480
		<i>Crucigenia</i>	93360
		<i>Dictyosphaerium</i>	62240
		<i>Gloeoactinium</i>	77800
		<i>Kirchneriella</i>	71576
		<i>Micractinium</i>	62240
		<i>Scenedesmus</i>	37344
	Chrysophyta	<i>Mallomonas</i>	40456
		<i>Melosira</i>	672192
		<i>Navicula</i>	3112
		<i>Stephanodiscus</i>	15560
		<i>Synedra</i>	37344
	Cryptophyta	<i>Chroomonas</i>	34232
		<i>Cryptomonas</i>	59128
	Cyanophyta	<i>Anacystis</i>	99584
		<i>Merismopedia</i>	158712
	Euglenophyta	<i>Euglena</i>	130704
		<i>Trachelomonas</i>	21784

333927088304935 TTW COLUMBUS LAKE BUTTAHATCHEE RIVER BENDWAY 26A
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 05	Chlorophyta	<i>Ankistrodesmus</i>	248960
		<i>Chlamydomonas</i>	49792
		<i>Chlorella</i>	3112
		<i>Crucigenia</i>	24896
		<i>Dictyosphaerium</i>	90248
		<i>Kirchneriella</i>	65352
		<i>Micractinium</i>	124480
		<i>Scenedesmus</i>	80912
		<i>Schroederia</i>	15560
	Chrysophyta	<i>Asterionella</i>	9336
		<i>Dinobryon</i>	227176
		<i>Fragilaria</i>	37344
		<i>Melosira</i>	121368
		<i>Navicula</i>	3112
		<i>Nitzschia</i>	3112
		<i>Stephanodiscus</i>	28008
		<i>Synedra</i>	43568
		<i>Synura</i>	174272
	Cryptophyta	<i>Chroomonas</i>	37344
		<i>Cryptomonas</i>	31120
	Cyanophyta	<i>Merismopedia</i>	62240
	Euglenophyta	<i>Euglena</i>	15560

333927088304935 TTW COLUMBUS LAKE BUTTAHATCHEE RIVER BENDWAY 26A
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 20	Chrysophyta	<i>Melosira</i>	6224
		<i>Navicula</i>	3112
		<i>Synedra</i>	3112
	Euglenophyta	<i>Euglena</i>	3112

333927088304935 TTW COLUMBUS LAKE BUTTAHATCHEE RIVER BENDWAY 26A
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 19	Chlorophyta	<i>Actinastrum</i>	637960
		<i>Ankistrodesmus</i>	84024
		<i>Chodatella</i>	6224
		<i>Cosmarium</i>	6224
		<i>Crucigenia</i>	124480
		<i>Dictyosphaerium</i>	295640
		<i>Gonium</i>	21784
		<i>Kirchneriella</i>	230288
		<i>Oocystis</i>	31120
		<i>Pediastrum</i>	211616
		<i>Pteromonas</i>	9336
		<i>Scenedesmus</i>	329872
		<i>Schroederia</i>	40456
		<i>Sphaerocystis</i>	56016
		<i>Staurastrum</i>	12448
	Chrysophyta	<i>Melosira</i>	1593344
		<i>Navicula</i>	15560
		<i>Nitzschia</i>	9336
		<i>Rhoicosphenia</i>	6224
		<i>Stephanodiscus</i>	28008
		<i>Synedra</i>	90248
	Cyanophyta	<i>Anacystis</i>	432568
		<i>Aphanizomenon</i>	622400
		<i>Merismopedia</i>	697088
		<i>Oscillatoria</i>	1120320
	Euglenophyta	<i>Euglena</i>	127592
		<i>Trachelomonas</i>	49792
	Pyrrhophyta	<i>Gymnodinium</i>	15560

02441000 TIBBEE CREEK NEAR TIBBEE, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 15	Chlorophyta	<i>Actinastrum</i>	21784
		<i>Ankistrodesmus</i>	77800
		<i>Chlamydomonas</i>	124480
		<i>Coelastrum</i>	65352
		<i>Crucigenia</i>	49792
		<i>Dictyosphaerium</i>	404560
		<i>Kirchneriella</i>	18672
		<i>Oocystis</i>	12448
		<i>Scenedesmus</i>	115144
		<i>Schroederia</i>	37344
	Chrysophyta	<i>Mallomonas</i>	18672
		<i>Melosira</i>	46680
		<i>Stephanodiscus</i>	34232
		<i>Synedra</i>	115144
		<i>Synura</i>	183608
	Cryptophyta	<i>Chroomonas</i>	59128
		<i>Cryptomonas</i>	31120
	Cyanophyta	<i>Anacystis</i>	255184
		<i>Merismopedia</i>	404560
		<i>Oscillatoria</i>	124480
	Euglenophyta	<i>Euglena</i>	124480
		<i>Trachelomonas</i>	87136

02441000 TIBBEE CREEK NEAR TIBBEE, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 06	Chlorophyta	<i>Ankistrodesmus</i>	6224
	Chrysophyta	<i>Cymatopleura</i>	3112
		<i>Dinobryon</i>	46680
		<i>Fragilaria</i>	46680
		<i>Melosira</i>	31120
		<i>Navicula</i>	12448
		<i>Synedra</i>	15560
		<i>Synura</i>	49792
	Euglenophyta	<i>Euglena</i>	3112

02441000 TIBBEE CREEK NEAR TIBBEE, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMER/LITER
MAR 19	Chrysophyta	<i>Cymbella</i>	3112
		<i>Gyrosigma</i>	3112
		<i>Navicula</i>	9336
	Euglenophyta	<i>Trachelomonas</i>	3112

02441000 TIBBEE CREEK NEAR TIBBEE, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 09	Chlorophyta	<i>Actinastrum</i>	108920
		<i>Ankistrodesmus</i>	65352
		<i>Coelastrum</i>	56016
		<i>Crucigenia</i>	133816
		<i>Dictyosphaerium</i>	192944
		<i>Elakatothrix</i>	49792
		<i>Eudorina</i>	99584
		<i>Golenkinia</i>	6224
		<i>Gonium</i>	245848
		<i>Kirchneriella</i>	192944
		<i>Oocystis</i>	49792
		<i>Pandorina</i>	49792
		<i>Pediastrum</i>	49792
		<i>Platydorina</i>	49792
		<i>Pteromonas</i>	9336
		<i>Scenedesmus</i>	395224
		<i>Schroederia</i>	21784
		<i>Tetrastrum</i>	37344
	Chrysophyta	<i>Melosira</i>	77800
		<i>Synedra</i>	24896
	Cyanophyta	<i>Anabaena</i>	80912
		<i>Anacystis</i>	286304
		<i>Aphanizomenon</i>	1163888
		<i>Merismopedia</i>	1160776
		<i>Oscillatoria</i>	248960
		<i>Raphidiopsis</i>	40456
	Euglenophyta	<i>Euglena</i>	158712
		<i>Trachelomonas</i>	286304
	Pyrrhophyta	<i>Gymnodinium</i>	12448

333119088291435 TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 14	Chlorophyta	<i>Actinastrum</i>	49792
		<i>Ankistrodesmus</i>	24896
		<i>Chlamydomonas</i>	74688
		<i>Chlorella</i>	3112
		<i>Crucigenia</i>	87136
		<i>Dictyosphaerium</i>	43568
		<i>Kirchneriella</i>	12448
		<i>Scenedesmus</i>	43568
		<i>Schroederia</i>	3112
	Chrysophyta	<i>Mallomonas</i>	24896
		<i>Melosira</i>	357880
		<i>Navicula</i>	3112
		<i>Pleurosigma</i>	3112
		<i>Stephanodiscus</i>	9336
		<i>Synedra</i>	28008
	Cryptophyta	<i>Chroomonas</i>	28008
		<i>Cryptomonas</i>	34232
	Cyanophyta	<i>Anacystis</i>	158712
		<i>Merismopedia</i>	140040
	Euglenophyta	<i>Euglena</i>	24896
		<i>Trachelomonas</i>	24896

333119088291435 TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 05	Chlorophyta	<i>Ankistrodesmus</i>	146264
		<i>Chlamydomonas</i>	52904
		<i>Chlorella</i>	6224
		<i>Dictyosphaerium</i>	99584
		<i>Kirchneriella</i>	43568
		<i>Micractinium</i>	31120
		<i>Schroederia</i>	18672
	Chrysophyta	<i>Asterionella</i>	34232
		<i>Cymbella</i>	6224
		<i>Dinobryon</i>	230288
		<i>Melosira</i>	227176
		<i>Stephanodiscus</i>	52904
		<i>Synedra</i>	49792
		<i>Synura</i>	140040
	Cryptophyta	<i>Chroomonas</i>	84024
		<i>Cryptomonas</i>	99584
	Euglenophyta	<i>Euglena</i>	46680
		<i>Trachelomonas</i>	31120

333119088291435 TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 20	Chrysophyta	<i>Melosira</i>	40456
		<i>Navicula</i>	6224
		<i>Synedra</i>	3112
	Euglenophyta	<i>Euglena</i>	3112

333119088291435 TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 09	Chlorophyta	<i>Acanthosphaera</i>	6224
		<i>Ankistrodesmus</i>	80912
		<i>Chodatella</i>	6224
		<i>Coelastrum</i>	49792
		<i>Crucigenia</i>	208504
		<i>Dictyosphaerium</i>	196056
		<i>Eudorina</i>	99584
		<i>Gonium</i>	49792
		<i>Kirchneriella</i>	152488
		<i>Oocystis</i>	49792
		<i>Pandorina</i>	99584
		<i>Pediastrum</i>	149376
		<i>Pteromonas</i>	12448
		<i>Scenedesmus</i>	171160
		<i>Schroederia</i>	37344
		<i>Staurastrum</i>	6224
	Chrysophyta	<i>Melosira</i>	1067416
		<i>Navicula</i>	3112
		<i>Stephanodiscus</i>	18672
		<i>Synedra</i>	71576
	Cyanophyta	<i>Anacystis</i>	532152
		<i>Aphanizomenon</i>	647296
		<i>Merismopedia</i>	765552
		<i>Oscillatoria</i>	1742720
	Euglenophyta	<i>Euglena</i>	242736
		<i>Trachelomonas</i>	46680
	Pyrrhophyta	<i>Ceratium</i>	15560
		<i>Gymnodinium</i>	12448

02441391 TOMBIGBEE RIVER BELOW COLUMBUS L&D, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 14	Chlorophyta	<i>Actinastrum</i>	21784
		<i>Ankistrodesmus</i>	37344
		<i>Chlamydomonas</i>	31120
		<i>Crucigenia</i>	112032
		<i>Kirchneriella</i>	71576
		<i>Pediastrum</i>	121368
		<i>Scenedesmus</i>	49792
		<i>Schroederia</i>	6224
	Chrysophyta	<i>Dinobryon</i>	6224
		<i>Melosira</i>	473024
		<i>Navicula</i>	3112
		<i>Synedra</i>	21784
		<i>Synura</i>	34232
	Cryptophyta	<i>Chroomonas</i>	15560
		<i>Cryptomonas</i>	18672
	Cyanophyta	<i>Anacystis</i>	127592
		<i>Merismopedia</i>	49792
		<i>Oscillatoria</i>	199168
	Euglenophyta	<i>Euglena</i>	15560
		<i>Phacus</i>	3112
		<i>Trachelomonas</i>	12448

02441391 TOMBIGBEE RIVER BELOW COLUMBUS L&D, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 05	Chlorophyta	<i>Ankistrodesmus</i>	112032
		<i>Chlamydomonas</i>	40456
		<i>Chlorella</i>	18672
		<i>Dictyosphaerium</i>	28008
		<i>Micractinium</i>	43568
		<i>Scenedesmus</i>	6224
	Chrysophyta	<i>Asterionella</i>	6224
		<i>Dinobryon</i>	96472
		<i>Fragilaria</i>	87136
		<i>Melosira</i>	208504
		<i>Nitzschia</i>	3112
		<i>Stephanodiscus</i>	52904
		<i>Synedra</i>	52904
	Cryptophyta	<i>Chroomonas</i>	56016
		<i>Cryptomonas</i>	62240
	Euglenophyta	<i>Euglena</i>	62240
		<i>Trachelomonas</i>	9336

02441391 TOMBIGBEE RIVER BELOW COLUMBUS L&D, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 20	Chlorophyta	<i>Actinastrum</i>	18672
		<i>Scenedesmus</i>	9336
	Chrysophyta	<i>Cymbella</i>	6224
		<i>Dinobryon</i>	34232
		<i>Melosira</i>	31120
		<i>Navicula</i>	3112
		<i>Synedra</i>	6224

02441391 TOMBIGBEE RIVER BELOW COLUMBUS L&D, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 09	Chlorophyta	<i>Acanthosphaera</i>	6224
		<i>Actinastrum</i>	136928
		<i>Ankistrodesmus</i>	18672
		<i>Coelastrum</i>	56016
		<i>Crucigenia</i>	87136
		<i>Dictyosphaerium</i>	80912
		<i>Elakatothrix</i>	49792
		<i>Eudorina</i>	99584
		<i>Golenkinia</i>	6224
		<i>Gonium</i>	49792
		<i>Kirchneriella</i>	52904
		<i>Pediastrum</i>	74688
		<i>Pteromonas</i>	12448
		<i>Scenedesmus</i>	171160
		<i>Schroederia</i>	21784
		<i>Staurastrum</i>	21784
	Chrysophyta	<i>Fragilaria</i>	31120
		<i>Melosira</i>	662856
		<i>Rhizosolenia</i>	6224
		<i>Stephanodiscus</i>	37344
	Cyanophyta	<i>Synedra</i>	74688
		<i>Anacystis</i>	373440
		<i>Aphanizomenon</i>	497920
		<i>Merismopedia</i>	933600
		<i>Oscillatoria</i>	1468864
	Euglenophyta	<i>Raphidiopsis</i>	24896
		<i>Euglena</i>	43568
		<i>Phacus</i>	6224
	Pyrrhophyta	<i>Trachelomonas</i>	24896
		<i>Gymnodinium</i>	6224

02441498 TOMBIGBEE RIVER (COL. BEND 11B) AT COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 NOVEMBER 19, 1985 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 13	Chlorophyta	<i>Actinastrum</i>	37344
		<i>Ankistrodesmus</i>	52904
		<i>Chlamydomonas</i>	28008
		<i>Crucigenia</i>	80912
		<i>Kirchneriella</i>	24896
		<i>Micractinium</i>	24896
		<i>Scenedesmus</i>	65352
	Chrysophyta	<i>Dinobryon</i>	6224
		<i>Melosira</i>	538376
		<i>Navicula</i>	3112
		<i>Stephanodiscus</i>	31120
		<i>Synedra</i>	12448
	Cryptophyta	<i>Chroomonas</i>	6224
		<i>Cryptomonas</i>	31120
	Cyanophyta	<i>Anacystis</i>	71576
		<i>Merismopedia</i>	24896
	Euglenophyta	<i>Euglena</i>	12448
		<i>Trachelomonas</i>	18672

022441498 TOMBIGBEE RIVER (COL. BEND. 11B) AT COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JAN 21	Chlorophyta	<i>Ankistrodesmus</i>	152488
		<i>Chlamydomonas</i>	90248
		<i>Dictyosphaerium</i>	124480
		<i>Micractinium</i>	52904
		<i>Scenedesmus</i>	115144
	Chrysophyta	<i>Asterionella</i>	914928
		<i>Dinobryon</i>	40456
		<i>Fragilaria</i>	130704
		<i>Melosira</i>	205392
		<i>Navicula</i>	15560
		<i>Stephanodiscus</i>	74688
		<i>Synedra</i>	118256
		<i>Synura</i>	242736
	Cryptophyta	<i>Chroomonas</i>	90248
		<i>Cryptomonas</i>	56016
	Euglenophyta	<i>Euglena</i>	152488

02441498 TOMBIGBEE RIVER (COL. BEND. 11B) AT COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 24	Chlorophyta	<i>Ankistrodesmus</i>	21784
		<i>Chlamydomonas</i>	18672
		<i>Micractinium</i>	49792
	Chrysophyta	<i>Melosira</i>	31120
		<i>Nitzschia</i>	3112
		<i>Synedra</i>	15560
		<i>Synura</i>	84024
	Cryptophyta	<i>Chroomonas</i>	9336
		<i>Cryptomonas</i>	6224
	Cyanophyta	<i>Anabaena</i>	62240
	Euglenophyta	<i>Euglena</i>	6224

02441498 TOMBIGBEE RIVER (COL. BEND. 11B) AT COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 14	Chlorophyta	<i>Actinastrum</i>	12448
		<i>Ankistrodesmus</i>	37344
		<i>Crucigenia</i>	127592
		<i>Dictyosphaerium</i>	18672
		<i>Elakatothrix</i>	37344
		<i>Gloeoactinium</i>	258296
		<i>Gonium</i>	49792
		<i>Kirchneriella</i>	15560
		<i>Pandorina</i>	49792
		<i>Pediastrum</i>	74688
		<i>Pteromonas</i>	3112
		<i>Scenedesmus</i>	180496
		<i>Schroederia</i>	9336
	Chrysophyta	<i>Gyrosigma</i>	12448
		<i>Melosira</i>	606840
		<i>Stephanodiscus</i>	15560
		<i>Synedra</i>	84024
	Cyanophyta	<i>Merismopedia</i>	644184
		<i>Oscillatoria</i>	124480
		<i>Raphidiopsis</i>	99584
	Euglenophyta	<i>Euglena</i>	214728
		<i>Trachelomonas</i>	15560
	Pyrrhophyta	<i>Ceratium</i>	3112

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 15	Chlorophyta	<i>Ankistrodesmus</i>	3112
		<i>Dictyosphaerium</i>	34232
	Chrysophyta	<i>Melosira</i>	3112
		<i>Navicula</i>	3112
		<i>Stephanodiscus</i>	3112

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
FEB 06	Chrysophyta	<i>Dinobryon</i>	6224
		<i>Navicula</i>	6224
		<i>Synedra</i>	31120
		<i>Synura</i>	62240
	Euglenophyta	<i>Euglena</i>	3112

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 19	Chlorophyta	<i>Kirchneriella</i>	49792
	Chrysophyta	<i>Cymbella</i>	3112
		<i>Navicula</i>	9336
		<i>Synedra</i>	12448
	Euglenophyta	<i>Trachelomonas</i>	3112

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 09	Chlorophyta	<i>Ankistrodesmus</i>	21784
		<i>Crucigenia</i>	37344
		<i>Dictyosphaerium</i>	18672
		<i>Kirchneriella</i>	6224
		<i>Oocystis</i>	12448
		<i>Scenedesmus</i>	28008
	Chrysophyta	<i>Synedra</i>	18672
	Cyanophyta	<i>Merismopedia</i>	311200
		<i>Raphidiopsis</i>	84024
	Euglenophyta	<i>Trachelomonas</i>	3112

02443610 TOMBIGBEE RIVER (PRATT CAMP 5HB) BELOW COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 13	Chlorophyta	<i>Actinastrum</i>	21784
		<i>Ankistrodesmus</i>	68464
		<i>Chlamydomonas</i>	68464
		<i>Coelastrum</i>	24896
		<i>Crucigenia</i>	124480
		<i>Dictyosphaerium</i>	52904
		<i>Kirchneriella</i>	37344
		<i>Pediastrum</i>	49792
		<i>Scenedesmus</i>	18672
		<i>Treubaria</i>	12448
	Chrysophyta	<i>Gyrosigma</i>	6224
		<i>Mallomonas</i>	31120
		<i>Melosira</i>	516592
		<i>Navicula</i>	3112
		<i>Pleurosigma</i>	9336
		<i>Stephanodiscus</i>	65352
		<i>Synedra</i>	77800
		<i>Synura</i>	77800
	Cryptophyta	<i>Chroomonas</i>	59128
		<i>Cryptomonas</i>	84024
	Cyanophyta	<i>Anacystis</i>	49792
		<i>Merismopedia</i>	65352
	Euglenophyta	<i>Euglena</i>	121368
		<i>Trachelomonas</i>	31120

02443610 TOMBIGBEE RIVER (PRATT CAMP 5HB) BELOW COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JAN 22	Chlorophyta	<i>Ankistrodesmus</i>	71576
		<i>Chlamydomonas</i>	24896
		<i>Chlorella</i>	24896
		<i>Dictyosphaerium</i>	171160
		<i>Micractinium</i>	43568
		<i>Scenedesmus</i>	93360
	Chrysophyta	<i>Asterionella</i>	650408
		<i>Chaetoceros</i>	56016
		<i>Dinobryon</i>	12448
		<i>Melosira</i>	404560
		<i>Navicula</i>	9336
		<i>Stephanodiscus</i>	186720
		<i>Synedra</i>	171160
		<i>Synura</i>	77800
	Cryptophyta	<i>Chroomonas</i>	52904
		<i>Cryptomonas</i>	46680
	Euglenophyta	<i>Euglena</i>	49792

02443610 TOMBIGBEE RIVER (PRATT CAMP 5HB) BELOW COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 24	Chlorophyta	<i>Ankistrodesmus</i>	28008
		<i>Chlamydomonas</i>	24896
		<i>Scenedesmus</i>	12448
	Chrysophyta	<i>Dinobryon</i>	37344
		<i>Melosira</i>	46680
		<i>Stephanodiscus</i>	3112
		<i>Synedra</i>	6224
		<i>Synura</i>	62240
	Cryptophyta	<i>Chroomonas</i>	12448
		<i>Cryptomonas</i>	18672
	Euglenophyta	<i>Euglena</i>	24896

02443610

TOMBIGBEE RIVER (PRATT CAMP 5HB) BELOW COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 14	Chlorophyta	<i>Actinastrum</i>	49792
		<i>Ankistrodesmus</i>	12448
		<i>Crucigenia</i>	112032
		<i>Dictyosphaerium</i>	56016
		<i>Elakatothrix</i>	49792
		<i>Gloeoactinium</i>	276968
		<i>Kirchneriella</i>	24896
		<i>Oocystis</i>	12448
		<i>Scenedesmus</i>	214728
		<i>Schroederia</i>	49792
		<i>Staurastrum</i>	3112
	Chrysophyta	<i>Dinobryon</i>	12448
		<i>Melosira</i>	283192
		<i>Synedra</i>	115144
	Cyanophyta	<i>Anacystis</i>	217840
		<i>Merismopedia</i>	697088
		<i>Oscillatoria</i>	473024
		<i>Raphidiopsis</i>	71576
	Euglenophyta	<i>Euglena</i>	118256
		<i>Phacus</i>	6224
	Pyrrhophyta	<i>Gymnodinium</i>	9336

02444158 TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 14	Chlorophyta	<i>Actinastrum</i>	115144
		<i>Ankistrodesmus</i>	65352
		<i>Chlamydomonas</i>	31120
		<i>Crucigenia</i>	74688
		<i>Dictyosphaerium</i>	59128
		<i>Kirchneriella</i>	49792
		<i>Oocystis</i>	37344
		<i>Pteromonas</i>	6224
		<i>Scenedesmus</i>	77800
		<i>Schroederia</i>	15560
		<i>Staurastrum</i>	6224
		<i>Tetrastrum</i>	12448
		<i>Treubaria</i>	3112
	Chrysophyta	<i>Melosira</i>	429456
		<i>Stephanodiscus</i>	46680
		<i>Synedra</i>	12448
		<i>Synura</i>	84024
	Cryptophyta	<i>Chroomonas</i>	65352
		<i>Cryptomonas</i>	59128
	Cyanophyta	<i>Anacystis</i>	96472
		<i>Merismopedia</i>	214728
	Euglenophyta	<i>Euglena</i>	21784
		<i>Trachelomonas</i>	21784

02444158 TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JAN 22	Chlorophyta	<i>Ankistrodesmus</i>	133816
		<i>Chlamydomonas</i>	46680
		<i>Chlorella</i>	34232
		<i>Dictyosphaerium</i>	93360
		<i>Micractinium</i>	149376
		<i>Scenedesmus</i>	155600
	Chrysophyta	<i>Asterionella</i>	581944
		<i>Chaetoceros</i>	140040
		<i>Dinobryon</i>	37344
		<i>Melosira</i>	420120
		<i>Navicula</i>	12448
		<i>Stephanodiscus</i>	161824
		<i>Synedra</i>	214728
		<i>Synura</i>	124480
		Cryptophyta	<i>Chroomonas</i>
	<i>Cryptomonas</i>		65352
	Euglenophyta	<i>Euglena</i>	96472
		<i>Trachelomonas</i>	18672

02444158 TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 24	Chlorophyta	<i>Actinastrum</i>	12448
		<i>Ankistrodesmus</i>	28008
		<i>Chlamydomonas</i>	34232
		<i>Chlorella</i>	3112
		<i>Dictyosphaerium</i>	37344
		<i>Scenedesmus</i>	24896
	Chrysophyta	<i>Dinobryon</i>	12448
		<i>Melosira</i>	37344
		<i>Synedra</i>	9336
	Cryptophyta	<i>Chroomonas</i>	12448
		<i>Cryptomonas</i>	6224
	Euglenophyta	<i>Euglena</i>	37344

02444158 TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 14	Chlorophyta	<i>Actinastrum</i>	21784
		<i>Ankistrodesmus</i>	3112
		<i>Cosmarium</i>	3112
		<i>Crucigenia</i>	40456
		<i>Elakatothrix</i>	12448
		<i>Gloeoaetinium</i>	205392
		<i>Kirchneriella</i>	49792
		<i>Pandorina</i>	49792
		<i>Platydorina</i>	49792
		<i>Scenedesmus</i>	77800
		<i>Schroederia</i>	3112
		<i>Staurastrum</i>	3112
	Chrysophyta	<i>Melosira</i>	292528
		<i>Stephanodiscus</i>	6224
		<i>Synedra</i>	9336
	Cryptophyta	<i>Cryptomonas</i>	6224
	Cyanophyta	<i>Merismopedia</i>	348544
		<i>Oscillatoria</i>	771776
		<i>Raphidiopsis</i>	56016
	Euglenophyta	<i>Euglena</i>	59128
		<i>Trachelomonas</i>	24896
	Pyrrhophyta	<i>Gymnodinium</i>	9336
		<i>Peridinium</i>	6224

02444161 TOMBIGBEE RIVER BELOW ALICEVILLE L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 14	Chlorophyta	<i>Ankistrodesmus</i>	49792
		<i>Chlamydomonas</i>	31120
		<i>Chlorella</i>	6224
		<i>Crucigenia</i>	112032
		<i>Kirchneriella</i>	34232
		<i>Oocystis</i>	12448
		<i>Scenedesmus</i>	87136
		<i>Tetrastrum</i>	12448
	Chrysophyta	<i>Chaetoceros</i>	18672
		<i>Melosira</i>	463688
		<i>Navicula</i>	3112
		<i>Stephanodiscus</i>	6224
		<i>Synedra</i>	21784
	Cryptophyta	<i>Chroomonas</i>	43568
		<i>Cryptomonas</i>	18672
	Cyanophyta	<i>Anacystis</i>	77800
		<i>Merismopedia</i>	261408
	Euglenophyta	<i>Euglena</i>	21784
		<i>Phacus</i>	9336
	Pyrrophyta	<i>Ceratium</i>	3112

02444161 TOMBIGBEE RIVER BELOW ALICEVILLE, L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JAN 22	Chlorophyta	<i>Actinastrum</i>	18672
		<i>Ankistrodesmus</i>	133816
		<i>Chlamydomonas</i>	46680
		<i>Dictyosphaerium</i>	87136
		<i>Micractinium</i>	143152
		<i>Pediastrum</i>	49792
		<i>Scenedesmus</i>	31120
		Chrysophyta	<i>Asterionella</i>
	<i>Chaetoceros</i>		102696
	<i>Dinobryon</i>		80912
	<i>Melosira</i>		1033184
	<i>Navicula</i>		24896
	<i>Stephanodiscus</i>		164936
	<i>Synedra</i>		177384
	<i>Synura</i>		258296
	Cryptophyta	<i>Chroomonas</i>	31120
		<i>Cryptomonas</i>	31120
	Euglenophyta	<i>Euglena</i>	74688

02444161 TOMBIGBEE RIVER BELOW ALICEVILLE, L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 25	Chlorophyta	<i>Ankistrodesmus</i>	18672
		<i>Chlorella</i>	6224
		<i>Dictyosphaerium</i>	49792
		<i>Kirchneriella</i>	3112
		<i>Pediastrum</i>	62240
	Chrysophyta	<i>Melosira</i>	71576
		<i>Synedra</i>	3112
	Cyanophyta	<i>Merismopedia</i>	62240
	Euglenophyta	<i>Euglena</i>	3112

02444161 TOMBIGBEE RIVER BELOW ALICEVILLE, L&D, AL
TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 14	Chlorophyta	<i>Ankistrodesmus</i>	15560
		<i>Chodatella</i>	6224
		<i>Crucigenia</i>	12448
		<i>Dictyosphaerium</i>	12448
		<i>Gloeoactinium</i>	171160
		<i>Kirchneriella</i>	56016
		<i>Oocystis</i>	12448
		<i>Pandorina</i>	99584
		<i>Scenedesmus</i>	96472
		<i>Schroederia</i>	21784
	Chrysophyta	<i>Melosira</i>	513480
		<i>Nitzschia</i>	3112
		<i>Stephanodiscus</i>	15560
		<i>Synedra</i>	40456
	Cryptophyta	<i>Cryptomonas</i>	3112
	Cyanophyta	<i>Merismopedia</i>	339208
		<i>Oscillatoria</i>	871360
		<i>Raphidiopsis</i>	37344
	Euglenophyta	<i>Euglena</i>	65352
		<i>Phacus</i>	3112
		<i>Trachelomonas</i>	21784
	Pyrrhophyta	<i>Gymnodinium</i>	3112

02444210 TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 14	Chlorophyta	<i>Actinastrum</i>	49792
		<i>Ankistrodesmus</i>	124480
		<i>Chlamydomonas</i>	12448
		<i>Crucigenia</i>	158712
		<i>Kirchneriella</i>	65352
		<i>Scenedesmus</i>	600616
		<i>Schroederia</i>	21784
	Chrysophyta	<i>Achnanthes</i>	6224
		<i>Chaetoceros</i>	28008
		<i>Dinobryon</i>	68464
		<i>Melosira</i>	1170112
		<i>Navicula</i>	24896
		<i>Nitzschia</i>	3112
		<i>Stephanodiscus</i>	12448
	Cryptophyta	<i>Synedra</i>	68464
		<i>Chroomonas</i>	31120
	Cyanophyta	<i>Cryptomonas</i>	9336
		<i>Anacystis</i>	124480
	Euglenophyta	<i>Merismopedia</i>	146264
		<i>Euglena</i>	90248
	Pyrrophyta	<i>Trachelomonas</i>	37344
		<i>Gymnodinium</i>	3112

02444210 TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JAN 22	Chlorophyta	<i>Ankistrodesmus</i>	158712
		<i>Chlamydomonas</i>	6224
		<i>Chlorella</i>	15560
		<i>Crucigenia</i>	12448
		<i>Dictyosphaerium</i>	34232
		<i>Scenedesmus</i>	49792
	Chrysophyta	<i>Dinobryon</i>	118256
		<i>Gomphonema</i>	6224
		<i>Gyrosigma</i>	9336
		<i>Melosira</i>	1369280
		<i>Nitzschia</i>	12448
		<i>Stephanodiscus</i>	34232
		<i>Synedra</i>	367216
		<i>Synura</i>	395224
	Cryptophyta	<i>Chroomonas</i>	9336
		<i>Cryptomonas</i>	3112
	Euglenophyta	<i>Euglena</i>	127592
		<i>Trachelomonas</i>	12448

02444210 TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 25	Chlorophyta	<i>Actinastrum</i>	90248
		<i>Ankistrodesmus</i>	18672
		<i>Scenedesmus</i>	12448
	Chrysophyta	<i>Cymbella</i>	3112
		<i>Melosira</i>	133816
		<i>Navicula</i>	12448
		<i>Synedra</i>	12448
	Cyanophyta	<i>Merismopedia</i>	12448
	Euglenophyta	<i>Euglena</i>	3112

02444210 TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 15	Chlorophyta	<i>Actinastrum</i>	43568
		<i>Ankistrodesmus</i>	12448
		<i>Closteriopsis</i>	6224
		<i>Coelastrum</i>	24896
		<i>Crucigenia</i>	753104
		<i>Dictyosphaerium</i>	65352
		<i>Euastrum</i>	6224
		<i>Gloeoactinium</i>	208504
		<i>Kirchneriella</i>	49792
		<i>Oocystis</i>	24896
		<i>Pteromonas</i>	9336
		<i>Scenedesmus</i>	401448
		<i>Schroederia</i>	46680
		<i>Staurastrum</i>	21784
	Chrysophyta	<i>Fragilaria</i>	108920
		<i>Melosira</i>	233400
		<i>Navicula</i>	24896
		<i>Rhizosolenia</i>	3112
		<i>Stephanodiscus</i>	15560
		<i>Synedra</i>	112032
	Cryptophyta	<i>Cryptomonas</i>	12448
	Cyanophyta	<i>Anabaena</i>	99584
		<i>Anacystis</i>	656632
		<i>Merismopedia</i>	504144
		<i>Oscillatoria</i>	3927344
		<i>Raphidiopsis</i>	196056
	Euglenophyta	<i>Euglena</i>	158712
		<i>Phacus</i>	6224
	Pyrrhophyta	<i>Trachelomonas</i>	24896
		<i>Gymnodinium</i>	6224

02446500 SIPSEY RIVER NEAR ELROD, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 18	Chlorophyta	<i>Chlamydomonas</i>	9336
		<i>Cosmarium</i>	3112
		<i>Kirchneriella</i>	12448
	Chrysophyta	<i>Cymbella</i>	3112
		<i>Surirella</i>	6224

02446500 SIPSEY RIVER NEAR ELROD, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JAN 26	Chlorophyta	<i>Ankistrodesmus</i>	31120
	Chrysophyta	<i>Nitzschia</i>	3112
		<i>Synedra</i>	21784
	Cryptophyta	<i>Cryptomonas</i>	3112

02446500 SIPSEY RIVER NEAR ELROD, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 27	Chlorophyta	<i>Ankistrodesmus</i>	9336
		<i>Chlamydomonas</i>	21784
		<i>Mougeotia</i>	24896
	Chrysophyta	<i>Melosira</i>	12448
		<i>Nitzschia</i>	6224
		<i>Synedra</i>	37344
		<i>Synura</i>	65352
	Cryptophyta	<i>Chroomonas</i>	9336
		<i>Cryptomonas</i>	6224
	Euglenophyta	<i>Euglena</i>	3112

02446500 SIPSEY RIVER NEAR ELROD, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 14	Chlorophyta	<i>Ankistrodesmus</i>	12448
	Chrysophyta	<i>Cymbella</i>	3112
		<i>Gyrosigma</i>	6224
		<i>Melosira</i>	15560
		<i>Navicula</i>	6224
		<i>Stephanodiscus</i>	3112
		<i>Synedra</i>	28008

02447010 TOMBIGBEE RIVER (COOKS BEND) NEAR WARSAW, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 15	Chlorophyta	<i>Ankistrodesmus</i>	40456
		<i>Crucigenia</i>	65352
		<i>Dictyosphaerium</i>	37344
		<i>Kirchneriella</i>	68464
		<i>Oocystis</i>	24896
		<i>Scenedesmus</i>	31120
	Chrysophyta	<i>Dinobryon</i>	6224
		<i>Melosira</i>	342320
		<i>Stephanodiscus</i>	12448
		<i>Synedra</i>	9336
	Cryptophyta	<i>Chroomonas</i>	52904
		<i>Cryptomonas</i>	31120
	Cyanophyta	<i>Anacystis</i>	177384
		<i>Merismopedia</i>	93360
	Euglenophyta	<i>Euglena</i>	6224

02447010 TOMBIGBEE RIVER (COOKS BEND) NEAR WARSAW, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JAN 23	Chlorophyta	<i>Ankistrodesmus</i>	161824
		<i>Chlamydomonas</i>	59128
		<i>Chlorella</i>	46680
		<i>Dictyosphaerium</i>	65352
		<i>Micractinium</i>	108920
		<i>Scenedesmus</i>	152488
	Chrysophyta	<i>Asterionella</i>	230288
		<i>Chaetoceros</i>	115144
		<i>Melosira</i>	550824
		<i>Navicula</i>	15560
		<i>Stephanodiscus</i>	118256
		<i>Synedra</i>	214728
		<i>Synura</i>	102696
		Cryptophyta	<i>Chroomonas</i>
	<i>Cryptomonas</i>		46680
	Euglenophyta	<i>Euglena</i>	59128
		<i>Trachelomonas</i>	21784

02447010 TOMBIGBEE RIVER (COOKS BEND) NEAR WARSAW, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 25	Chlorophyta	<i>Ankistrodesmus</i>	12448
		<i>Chlamydomonas</i>	9336
		<i>Oocystis</i>	12448
		<i>Scenedesmus</i>	18672
	Chrysophyta	<i>Melosira</i>	52904
		<i>Stephanodiscus</i>	6224
		<i>Synedra</i>	6224
		<i>Synura</i>	52904
	Cryptophyta	<i>Chroomonas</i>	9336
		<i>Cryptomonas</i>	6224
	Euglenophyta	<i>Euglena</i>	9336

02447010 TOMBIGBEE RIVER (COOKS BEND) NEAR WARSAW, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 16	Chlorophyta	<i>Actinastrum</i>	74688
		<i>Ankistrodesmus</i>	43568
		<i>Chlamydomonas</i>	9336
		<i>Coelastrum</i>	24896
		<i>Crucigenia</i>	233400
		<i>Dictyosphaerium</i>	68464
		<i>Gloeoactinium</i>	401448
		<i>Kirchneriella</i>	96472
		<i>Oocystis</i>	12448
		<i>Pteromonas</i>	18672
		<i>Scenedesmus</i>	230288
	Chrysophyta	<i>Melosira</i>	669080
		<i>Stephanodiscus</i>	62240
		<i>Synedra</i>	87136
	Cryptophyta	<i>Cryptomonas</i>	6224
	Cyanophyta	<i>Anacystis</i>	441904
		<i>Merismopedia</i>	311200
		<i>Oscillatoria</i>	3236480
		<i>Raphidiopsis</i>	56016
	Euglenophyta	<i>Euglena</i>	118256
		<i>Trachelomonas</i>	68464
	Pyrrophyta	<i>Gymnodinium</i>	12448

02447020 TOMBIGBEE RIVER ABOVE GAINESVILLE L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 15	Chlorophyta	<i>Ankistrodesmus</i>	40456
		<i>Chlamydomonas</i>	52904
		<i>Crucigenia</i>	93360
		<i>Dictyosphaerium</i>	34232
		<i>Kirchneriella</i>	52904
		<i>Scenedesmus</i>	74688
		<i>Tetrastrum</i>	24896
		<i>Treubaria</i>	3112
	Chrysophyta	<i>Melosira</i>	264520
		<i>Rhizosolenia</i>	3112
		<i>Stephanodiscus</i>	15560
		<i>Synedra</i>	24896
	Cryptophyta	<i>Chroomonas</i>	37344
		<i>Cryptomonas</i>	59128
	Euglenophyta	<i>Euglena</i>	31120

02447020 TOMBIGBEE RIVER ABOVE GAINESVILLE, L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JAN 23	Chlorophyta	<i>Ankistrodesmus</i>	112032
		<i>Chlamydomonas</i>	21784
		<i>Chlorella</i>	56016
		<i>Dictyosphaerium</i>	130704
		<i>Scenedesmus</i>	40456
	Chrysophyta	<i>Asterionella</i>	93360
		<i>Dinobryon</i>	21784
		<i>Melosira</i>	609952
		<i>Navicula</i>	9336
		<i>Stephanodiscus</i>	124480
		<i>Synedra</i>	208504
		<i>Synura</i>	40456
	Cryptophyta	<i>Chroomonas</i>	65352
		<i>Cryptomonas</i>	84024
	Cyanophyta	<i>Oscillatoria</i>	323648
	Euglenophyta	<i>Euglena</i>	56016
		<i>Trachelomonas</i>	15560

02447020 TOMBIGBEE RIVER ABOVE GAINESVILLE, L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 26	Chlorophyta	<i>Actinastrum</i>	71576
		<i>Ankistrodesmus</i>	12448
		<i>Chlamydomonas</i>	12448
		<i>Dictyosphaerium</i>	12448
		<i>Scenedesmus</i>	6224
	Chrysophyta	<i>Melosira</i>	140040
		<i>Navicula</i>	6224
		<i>Stephanodiscus</i>	3112
		<i>Synedra</i>	15560
	Cryptophyta	<i>Chroomonas</i>	9336
		<i>Cryptomonas</i>	12448
	Euglenophyta	<i>Euglena</i>	9336
		<i>Phacus</i>	3112

02447020 TOMBIGBEE RIVER ABOVE GAINESVILLE, L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 16	Chlorophyta	<i>Acanthosphaera</i>	15560
		<i>Actinastrum</i>	49792
		<i>Ankistrodesmus</i>	31120
		<i>Coelastrum</i>	24896
		<i>Crucigenia</i>	124480
		<i>Dictyosphaerium</i>	24896
		<i>Elakatothrix</i>	24896
		<i>Gloeoactinium</i>	202280
		<i>Kirchneriella</i>	15560
		<i>Oocystis</i>	43568
		<i>Pandorina</i>	49792
		<i>Pediastrum</i>	24896
		<i>Platydorina</i>	99584
		<i>Scenedesmus</i>	192944
		<i>Schroederia</i>	43568
		<i>Treubaria</i>	9336
	Chrysophyta	<i>Gyrosigma</i>	6224
		<i>Melosira</i>	908704
		<i>Rhizosolenia</i>	3112
		<i>Stephanodiscus</i>	49792
		<i>Synedra</i>	40456
	Cryptophyta	<i>Cryptomonas</i>	3112
	Cyanophyta	<i>Anabaena</i>	96472
		<i>Anacystis</i>	326760
		<i>Merismopedia</i>	420120
		<i>Oscillatoria</i>	2838144
		<i>Raphidiopsis</i>	71576
	Euglenophyta	<i>Euglena</i>	68464
		<i>Phacus</i>	15560
		<i>Trachelomonas</i>	80912
	Pyrrhophyta	<i>Gymnodinium</i>	15560

02448500 NOXUBEE RIVER NEAR GEIGER, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 18	Chlorophyta	<i>Actinastrum</i>	12448
		<i>Ankistrodesmus</i>	28008
		<i>Chlamydomonas</i>	3112
		<i>Kirchneriella</i>	3112
		<i>Micractinium</i>	9336
		<i>Scenedesmus</i>	74688
	Chrysophyta	<i>Navicula</i>	3112
		<i>Pleurosigma</i>	3112
		<i>Synedra</i>	9336
		<i>Synura</i>	12448
	Cyanophyta	<i>Merismopedia</i>	90248
	Euglenophyta	<i>Euglena</i>	3112

02448500 NOXUBEE RIVER NEAR GEIGER, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JAN 22	Chlorophyta	<i>Ankistrodesmus</i>	3112
		<i>Chlamydomonas</i>	6224
		<i>Kirchneriella</i>	102696
		<i>Scenedesmus</i>	158712
	Chrysophyta	<i>Cymbella</i>	6224
		<i>Dinobryon</i>	37344
		<i>Gomphonema</i>	3112
		<i>Melosira</i>	3112
		<i>Navicula</i>	28008
		<i>Nitzschia</i>	6224
		<i>Synedra</i>	224064
		Cryptophyta	<i>Chroomonas</i>
	<i>Cryptomonas</i>		9336
	Euglenophyta	<i>Euglena</i>	6224

02448500 NOXUBEE RIVER NEAR GEIGER, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 25	Chrysophyta	<i>Melosira</i>	6224
		<i>Navicula</i>	3112
	Euglenophyta	<i>Synedra</i>	6224
		<i>Euglena</i>	3112

02448500 NOXUBEE RIVER NEAR GEIGER, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 15	Chlorophyta	<i>Actinastrum</i>	84024
		<i>Ankistrodesmus</i>	3112
		<i>Crucigenia</i>	31120
		<i>Dictyosphaerium</i>	24896
		<i>Kirchneriella</i>	65352
		<i>Oocystis</i>	37344
		<i>Scenedesmus</i>	709536
	Chrysophyta	<i>Navicula</i>	6224
		<i>Stephanodiscus</i>	9336
		<i>Synedra</i>	37344
	Cyanophyta	<i>Raphidiopsis</i>	37344
	Euglenophyta	<i>Euglena</i>	3112

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 15	Chlorophyta	<i>Ankistrodesmus</i>	24896
		<i>Chlamydomonas</i>	12448
		<i>Crucigenia</i>	90248
		<i>Kirchneriella</i>	43568
		<i>Scenedesmus</i>	96472
		<i>Tetrastrum</i>	12448
	Chrysophyta	<i>Cymbella</i>	3112
		<i>Melosira</i>	202280
		<i>Stephanodiscus</i>	40456
		<i>Synedra</i>	3112
	Cryptophyta	<i>Chroomonas</i>	15560
		<i>Cryptomonas</i>	6224
	Cyanophyta	<i>Merismopedia</i>	12448
	Euglenophyta	<i>Euglena</i>	12448

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JAN 23	Chlorophyta	<i>Ankistrodesmus</i>	46680
		<i>Chlamydomonas</i>	15560
		<i>Chlorella</i>	3112
		<i>Dictyosphaerium</i>	317424
		<i>Kirchneriella</i>	12448
		<i>Scenedesmus</i>	62240
	Chrysophyta	<i>Asterionella</i>	124480
		<i>Chaetoceros</i>	46680
		<i>Dinobryon</i>	15560
		<i>Gomphonema</i>	6224
		<i>Melosira</i>	457464
		<i>Nitzschia</i>	3112
		<i>Stephanodiscus</i>	99584
		<i>Synedra</i>	192944
		<i>Synura</i>	74688
	Cryptophyta	<i>Chroomonas</i>	37344
		<i>Cryptomonas</i>	31120
	Euglenophyta	<i>Euglena</i>	52904

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 26	Chlorophyta	<i>Ankistrodesmus</i>	28008
		<i>Chlamydomonas</i>	6224
		<i>Dictyosphaerium</i>	90248
		<i>Scenedesmus</i>	18672
	Chrysophyta	<i>Dinobryon</i>	15560
		<i>Gyrosigma</i>	6224
		<i>Melosira</i>	118256
		<i>Navicula</i>	12448
		<i>Nitzschia</i>	6224
		<i>Stephanodiscus</i>	3112
		<i>Synedra</i>	24896
	Cryptophyta	<i>Chroomonas</i>	28008
		<i>Cryptomonas</i>	34232
	Euglenophyta	<i>Euglena</i>	15560

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 16	Chlorophyta	<i>Acanthosphaera</i>	12448
		<i>Actinastrum</i>	87136
		<i>Ankistrodesmus</i>	40456
		<i>Coelastrum</i>	31120
		<i>Crucigenia</i>	59128
		<i>Elakatothrix</i>	37344
		<i>Gloeoactinium</i>	401448
		<i>Gonium</i>	149376
		<i>Kirchneriella</i>	46680
		<i>Pandorina</i>	49792
		<i>Pediastrum</i>	49792
		<i>Scenedesmus</i>	320536
		<i>Schroederia</i>	74688
	Chrysophyta	<i>Attheya</i>	3112
		<i>Melosira</i>	980280
		<i>Stephanodiscus</i>	74688
		<i>Synedra</i>	59128
	Cryptophyta	<i>Cryptomonas</i>	6224
	Cyanophyta	<i>Anacystis</i>	445016
		<i>Merismopedia</i>	497920
		<i>Oscillatoria</i>	3112000
		<i>Raphidiopsis</i>	87136
	Euglenophyta	<i>Euglena</i>	52904
		<i>Phacus</i>	6224
		<i>Trachelomonas</i>	49792
	Pyrrhophyta	<i>Gymnodinium</i>	9336

02466998 TOMBIGBEE RIVER ABOVE DEMOPOLIS L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1985
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
NOV 19	Chlorophyta	<i>Ankistrodesmus</i>	37344
		<i>Chlamydomonas</i>	6224
		<i>Coelastrum</i>	24896
		<i>Crucigenia</i>	24896
		<i>Kirchneriella</i>	12448
		<i>Scenedesmus</i>	62240
	Chrysophyta	<i>Melosira</i>	239624
		<i>Stephanodiscus</i>	28008
		<i>Synedra</i>	3112
	Cryptophyta	<i>Chroomonas</i>	9336
		<i>Cryptomonas</i>	6224
	Cyanophyta	<i>Anacystis</i>	65352
		<i>Merismopedia</i>	49792
		<i>Oscillatoria</i>	174272
	Euglenophyta	<i>Euglena</i>	3112
		<i>Trachelomonas</i>	12448

02466998 TOMBIGBEE RIVER ABOVE DEMOPOLIS L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JAN 24	Chlorophyta	<i>Ankistrodesmus</i>	202280
		<i>Chlamydomonas</i>	21784
		<i>Dictyosphaerium</i>	9336
		<i>Scenedesmus</i>	12448
		<i>Tetrastrum</i>	12448
	Chrysophyta	<i>Dinobryon</i>	6224
		<i>Melosira</i>	560160
		<i>Stephanodiscus</i>	15560
		<i>Synedra</i>	28008
		<i>Synura</i>	40456
	Cryptophyta	<i>Chroomonas</i>	46680
		<i>Cryptomonas</i>	46680
	Cyanophyta	<i>Oscillatoria</i>	448128

02466998 TOMBIGBEE RIVER ABOVE DEMOPOLIS L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
MAR 26	Chlorophyta	<i>Ankistrodesmus</i>	21784
		<i>Chlamydomonas</i>	6224
	Chrysophyta	<i>Chaetoceros</i>	96472
		<i>Cymbella</i>	3112
		<i>Gomphonema</i>	3112
		<i>Gyrosigma</i>	3112
		<i>Melosira</i>	1110984
		<i>Stephanodiscus</i>	9336
		<i>Synedra</i>	15560
	Cryptophyta	<i>Chroomonas</i>	15560
		<i>Cryptomonas</i>	15560
	Cyanophyta	<i>Oscillatoria</i>	49792
	Euglenophyta	<i>Euglena</i>	21784

02466998 TOMBIGBEE RIVER ABOVE DEMOPOLIS L&D, AL
 TENNESSEE-TOMBIGBEE PHYTOPLANKTON DATA 1986
 MIDCHANNEL

DATE	GROUP	TAXON	NUMBER/LITER
JUL 14	Chlorophyta	<i>Ankistrodesmus</i>	6224
		<i>Dictyosphaerium</i>	59128
		<i>Gonium</i>	49792
		<i>Pandorina</i>	49792
		<i>Pediastrum</i>	71576
		<i>Scenedesmus</i>	192944
		<i>Schroederia</i>	6224
		<i>Staurastrum</i>	3112
		<i>Gyrosigma</i>	6224
	Chrysophyta	<i>Melosira</i>	199168
		<i>Stephanodiscus</i>	31120
		<i>Synedra</i>	24896
	Cyanophyta	<i>Merismopedia</i>	196056
		<i>Raphidiopsis</i>	12448
	Euglenophyta	<i>Trachelomonas</i>	6224

03592824 TENN-TOM WATERWAY AT CROSS ROADS, MS
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 29	Chlorophyta	<i>Scenedesmus</i>	75
		<i>Stigeoclonium</i>	355
	Chrysophyta	<i>Achnanthes</i>	15917
		<i>Cymbella</i>	93
		<i>Gomphonema</i>	374
		<i>Melosira</i>	75
		<i>Navicula</i>	37
		<i>Nitzschia</i>	37
		<i>Synedra</i>	131

343140088192235 TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 29	Chlorophyta	<i>Staurostrum</i>	19
	Chrysophyta	<i>Achnanthes</i>	4278
		<i>Cymbella</i>	243
		<i>Gomphonema</i>	542
		<i>Melosira</i>	56
		<i>Navicula</i>	56
		<i>Nitzschia</i>	19
		<i>Synedra</i>	280

02430005 TENN-TOM WATERWAY BELOW BAY SPRINGS L&D, MS
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 29	Chlorophyta	<i>Scenedesmus</i>	75
	Chrysophyta	<i>Achnanthes</i>	6931
		<i>Gomphonema</i>	336
		<i>Synedra</i>	19

02436500 TOWN CREEK NEAR NETTLETON, MS
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 29	Chlorophyta	<i>Cosmarium</i>	131
		<i>Kirchneriella</i>	355
		<i>Scenedesmus</i>	5717
		<i>Stigeoclonium</i>	4390
	Chrysophyta	<i>Achnanthes</i>	224
		<i>Navicula</i>	617
		<i>Nitzschia</i>	75
	Cyanophyta	<i>Merismopedia</i>	766

02437000 TOMBIGBEE RIVER NEAR AMORY, MS
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 29	Chlorophyta	<i>Scenedesmus</i>	75
		<i>Stigeoclonium</i>	280
	Chrysophyta	<i>Achnanthes</i>	280
		<i>Cymbella</i>	75
		<i>Gomphonema</i>	206
		<i>Melosira</i>	37
		<i>Navicula</i>	19
		<i>Synedra</i>	93

335008088311335 TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 29	Chlorophyta	<i>Scenedesmus</i>	206
	Chrysophyta	<i>Cymbella</i>	56
		<i>Gomphonema</i>	318
		<i>Navicula</i>	112
		<i>Synedra</i>	19

02437101 TOMBIGBEE RIVER BELOW ABERDEEN L&D, MS
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 29	Chlorophyta	<i>Scenedesmus</i>	112
		<i>Stigeoclonium</i>	579
	Chrysophyta	<i>Cymbella</i>	336
		<i>Gomphonema</i>	37
		<i>Melosira</i>	56
		<i>Navicula</i>	355
		<i>Nitzschia</i>	168

02439600 BUTTAHATCHEE RIVER NEAR KOLOLA SPRINGS, MS
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 30	Chlorophyta	<i>Scenedesmus</i>	75
		<i>Stigeoclonium</i>	187
	Chrysophyta	<i>Gomphonema</i>	1009
		<i>Navicula</i>	486
		<i>Nitzschia</i>	131
		<i>Synedra</i>	299

333927088304935 TTW COLUMBUS LAKE BUTTAHATCHEE R. BENDWAY 26A
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 30	Chlorophyta	<i>Ankistrodesmus</i>	19
		<i>Cosmarium</i>	131
		<i>Scenedesmus</i>	75
		<i>Stigeoclonium</i>	897
	Chrysophyta	<i>Cymbella</i>	224
		<i>Gomphonema</i>	37
		<i>Melosira</i>	149
		<i>Navicula</i>	56
		<i>Nitzschia</i>	112

02441000 TIBBEE CREEK NEAR TIBBEE, MS
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 30	Chlorophyta	<i>Mougeotia</i>	299
		<i>Scenedesmus</i>	75
	Chrysophyta	<i>Achnanthes</i>	37
		<i>Caloneis</i>	37
		<i>Cymbella</i>	56
		<i>Eunotia</i>	19
		<i>Gomphonema</i>	112
		<i>Navicula</i>	112
		<i>Synedra</i>	56

333119088291435 TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 30	Chlorophyta	<i>Cosmarium</i>	56
		<i>Pediastrum</i>	149
		<i>Scenedesmus</i>	149
		<i>Stigeoclonium</i>	803
	Chrysophyta	<i>Achnanthes</i>	112
		<i>Cymbella</i>	486
		<i>Gomphonema</i>	579
		<i>Melosira</i>	93
		<i>Navicula</i>	56
		<i>Nitzschia</i>	56
		<i>Synedra</i>	37

02441391 TOMBIGBEE RIVER BELOW COLUMBUS, L&D, MS
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 30	Chlorophyta	<i>Cosmarium</i>	56
		<i>Mougeotia</i>	729
		<i>Scenedesmus</i>	131
	Chrysophyta	<i>Cymbella</i>	1233
		<i>Gomphonema</i>	206
		<i>Melosira</i>	243
		<i>Navicula</i>	75
		<i>Nitzschia</i>	37
		<i>Synedra</i>	187

02441498 TOMBIGBEE RIVER (COL. BEND. 11B) AT COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
AUG 04	Chlorophyta	<i>Cosmarium</i>	112
		<i>Crucigenia</i>	318
		<i>Scenedesmus</i>	318
		<i>Stigeoclonium</i>	4577
	Chrysophyta	<i>Achnanthes</i>	448
		<i>Cymbella</i>	1794
		<i>Gomphonema</i>	4633
		<i>Melosira</i>	112
		<i>Navicula</i>	392
		<i>Synedra</i>	262
	Euglenophyta	<i>Phacus</i>	19

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
JUL 30	Chlorophyta	<i>Cladophora</i>	224
		<i>Mougeotia</i>	374
		<i>Stigeoclonium</i>	822
	Chrysophyta	<i>Achnanthes</i>	448
		<i>Cymbella</i>	19
		<i>Gomphonema</i>	691
		<i>Navicula</i>	112
		<i>Synedra</i>	112

02443610

TOMBIGBEE RIVER (PRATT CAMP 5HB) BELOW COLUMBUS, MS
TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
AUG 04	Chlorophyta	<i>Cosmarium</i>	112
		<i>Scenedesmus</i>	187
		<i>Stigeoclonium</i>	3886
	Chrysophyta	<i>Achnanthes</i>	112
		<i>Cocconeis</i>	299
		<i>Cymbella</i>	1999
		<i>Melosira</i>	149
		<i>Navicula</i>	206
		<i>Nitzschia</i>	243
		<i>Synedra</i>	280
	Cyanophyta	<i>Oscillatoria</i>	4783

02444158 TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL
TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
AUG 05	Chlorophyta	<i>Oedogonium</i>	374
		<i>Stigeoclonium</i>	39383
	Chrysophyta	<i>Cymbella</i>	262
		<i>Diatoma</i>	187
		<i>Gomphonema</i>	1401
		<i>Navicula</i>	93
		<i>Nitzschia</i>	299
	Euglenophyta	<i>Phacus</i>	37

02444161 TOMBIGBEE RIVER BELOW ALICEVILLE, L&D, AL
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
AUG 05	Chlorophyta	<i>Cosmarium</i>	131
		<i>Oedogonium</i>	392
		<i>Stigeoclonium</i>	46818
	Chrysophyta	<i>Cymbella</i>	617
		<i>Diatoma</i>	93
		<i>Gomphonema</i>	729
		<i>Navicula</i>	411
		<i>Tabellaria</i>	93

02444210 TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
AUG 05	Chlorophyta	<i>Mougeotia</i>	617
		<i>Oedogonium</i>	262
		<i>Stigeoclonium</i>	2672
	Chrysophyta	<i>Cymbella</i>	56
		<i>Navicula</i>	299
		<i>Tabellaria</i>	75

02447010 TOMBIGBEE RIVER (COOKS BEND) NEAR WARSAW, AL
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
AUG 06	Chlorophyta	<i>Crucigenia</i>	224
		<i>Mougeotia</i>	1756
		<i>Oedogonium</i>	486
		<i>Pediastrum</i>	1383
		<i>Stigeoclonium</i>	6072
	Chrysophyta	<i>Cymbella</i>	75
		<i>Gomphonema</i>	299
		<i>Navicula</i>	187

02448500 NOXUBEE RIVER NEAR GEIGER, AL
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
AUG 05	Chlorophyta	<i>Crucigenia</i>	149
		<i>Scenedesmus</i>	411
		<i>Stigeoclonium</i>	1681
	Chrysophyta	<i>Cocconeis</i>	598
		<i>Gyrosigma</i>	75
		<i>Melosira</i>	224
		<i>Navicula</i>	1009

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL
 TENNESSEE-TOMBIGBEE PERIPHYTON DATA 1986

DATE	GROUP	TAXON	NUMBER/CM ²
AUG 06	Chlorophyta	<i>Coelastrum</i>	149
		<i>Crucigenia</i>	75
		<i>Mougeotia</i>	691
		<i>Scenedesmus</i>	75
		<i>Stigeoclonium</i>	4671
	Chrysophyta	<i>Cocconeis</i>	19
		<i>Cymbella</i>	953
		<i>Gomphonema</i>	1962
		<i>Melosira</i>	149
		<i>Navicula</i>	560

CHLOROPHYLL/BIOMASS ANALYSIS
TENNESSEE -- TOMBIGBEE

STORET STATION DESCRIPTION	DATE	REP_NO	PAM2	PI	CBM2	CCM2	AFOW	AI	CCAM2	CAI
03592824 TTW at Cross Roads, MS	29JUL86	1	3.70	1.18	0.51	0.27	1441.10	402.17	1.32	1094.47
		2	0.00	1.88	0.00	0.00	943.84	459.19	2.06	459.19
		3	4.65	1.10	0.24	0.38	1301.37	364.33	0.73	1779.03
		4	3.20	1.08	0.01	0.20	789.73	328.54	0.44	1799.31
		5	7.33	1.13	0.50	0.36	1941.78	314.31	1.68	1154.13
		6	4.70	1.11	0.89	0.15	1586.99	427.56	0.88	1807.90
		7	4.27	1.07	0.24	0.23	1143.15	375.76	0.44	2604.56
		8	4.38	1.08	0.25	0.16	1305.48	400.32	0.59	2230.81
343140088192235 TTW Bay Springs Lake Navigation Mile 412.3	29JUL86	1	1.19	1.08	0.07	0.02	444.52	510.96	0.15	3038.39
		2	0.20	1.45	0.00	0.00	425.34	847.06	0.37	1162.92
		3	2.63	1.07	0.50	0.05	1534.25	821.39	0.29	5243.45
		4	2.27	1.21	0.32	0.10	2055.48	874.60	0.95	2161.48
		5	1.35	1.13	0.04	0.14	1215.07	1084.30	0.29	4152.62
		6	0.25	1.42	0.01	0.09	661.64	1248.51	0.37	1808.99
		7	0.68	1.21	0.13	0.18	718.49	1015.96	0.29	2455.52
		8	0.59	0.90	0.23	0.22	657.53	2515.99	0.00	0.00
02430005 TTW below Bay Springs L&D, MS	29JUL86	1	1.54	1.00	0.35	0.22	637.67	701.90	0.00	0.00
		2	3.41	1.01	0.63	0.25	1006.85	478.22	0.07	13764
		3	3.30	0.98	0.39	0.40	1081.51	568.18	0.00	0.00
		4	3.01	1.05	0.85	0.20	958.90	480.57	0.22	4369.54
		5	2.68	1.07	0.51	0.30	1438.36	758.93	0.29	4915.73
		6	0.00	1.85	0.30	0.17	728.77	644.05	1.13	644.05
		7	3.55	1.05	0.74	0.37	1204.11	500.03	0.29	4115.17
		8	3.18	1.03	0.74	0.48	1059.59	521.67	0.15	7242.51
02436500 Town Creek near Nettleton, MS	29JUL86	1	49.51	1.26	5.20	5.41	11956.85	201.41	28.53	419.12
		2	60.35	1.29	5.12	7.98	13580.14	168.62	42.57	318.98
		3	35.90	1.35	7.19	4.87	17513.70	298.58	35.99	486.62
02437000 Tombigbee River near Amory, MS	29JUL86	1	4.44	1.35	0.85	1.00	2089.04	288.65	4.44	470.74
		2	1.36	1.46	0.00	0.47	818.49	229.32	2.63	310.81
		3	2.14	1.07	0.34	0.17	877.40	583.45	0.22	3998.13
		4	2.75	1.05	0.19	0.36	1365.07	722.91	0.22	6220.35
		5	1.44	1.06	0.30	0.21	904.79	899.50	0.15	6184.46
		6	0.72	1.29	0.17	0.15	619.18	649.00	0.51	1209.20
		7	1.19	1.14	0.29	0.34	1046.58	1040.90	0.29	3576.78
		8	0.78	1.19	0.20	0.19	584.93	766.14	0.29	1999.06

CHLOROPHYLL/BIOASS ANALYSIS
TENNESSEE - TOMBIGBEE

STORET STATION DESCRIPTION	DATE	REP_NO	PAN2	PI	CBM2	CCM2	AFOM	AI	CCAM2	CAI
335008088311335 TTW Aberdeen Lake Sedimentation Range 1A	29JUL86	1	5.39	1.09	0.55	0.68	1774.66	435.44	0.80	2205.48
		2	6.37	1.09	0.81	0.03	1898.63	394.43	0.95	1996.54
		3	6.20	1.10	0.82	0.03	1104.79	231.07	1.02	1078.79
		4	7.77	1.13	0.92	0.03	2532.19	389.99	1.76	1442.34
		5	6.05	1.19	0.43	0.07	2089.04	351.91	2.19	951.94
		6	6.11	1.03	0.69	0.00	1752.05	440.13	0.29	5987.83
		7	11.56	1.09	0.46	0.43	3082.88	348.85	1.76	1756.01
		8	4.45	1.18	0.22	0.35	2454.11	571.69	1.54	1597.56
02437101 Tombigbee River below Aberdeen L&D, MS	29JUL86	1	16.51	1.31	8.31	0.12	2902.74	126.62	13.00	223.35
		2	9.99	1.45	5.11	0.98	2126.71	88.20	17.75	119.81
		3	3.84	1.51	3.33	0.00	2862.33	226.85	10.14	282.18
		4	25.14	1.17	4.62	0.89	2502.74	107.87	7.92	315.82
		5	11.76	1.37	5.32	0.00	3208.90	155.85	13.31	241.03
		6	7.42	1.49	6.67	0.00	2592.47	117.25	17.43	148.70
		7	11.19	1.34	6.24	0.12	2323.29	132.52	10.78	215.57
		8	6.47	1.45	4.87	0.00	2759.59	175.19	11.73	235.29
02439600 Buttahatchee River near Kolola Springs, MS	30JUL86	1	2.57	1.59	5.46	6.73	2355.48	154.84	13.63	172.81
		2	2.79	1.44	0.80	0.11	3505.48	533.22	4.75	737.25
		3	4.56	1.25	0.23	0.00	72028.08	13332.85	2.54	28403.5
		4	3.87	1.23	0.00	0.00	1864.38	426.62	1.90	980.27
		5	10.38	1.05	1.08	0.19	2629.45	375.11	0.73	3594.57
		6	0.19	1.67	0.00	0.00	2850.00	684.31	3.80	749.24
		7	12.75	1.03	1.23	0.46	3915.07	476.60	0.51	7645.80
		8	8.78	1.16	0.75	1.10	4036.30	509.54	2.54	1591.67
333927088304935 TTW Columbus Lake Buttahatchee River Bendway 26A	30JUL86	1	1.93	1.43	0.68	0.01	1841.78	416.93	3.17	581.03
		2	2.76	1.29	0.00	0.00	1246.58	336.53	1.90	655.43
		3	3.16	1.20	0.35	0.01	713.70	223.56	1.24	573.91
		4	4.12	1.13	0.07	0.35	1226.71	351.30	0.95	1289.97
		5	6.87	1.10	0.55	0.53	2329.45	434.65	1.17	1990.29
		6	3.65	1.37	0.12	0.41	2206.16	340.02	4.12	535.37
		7	4.18	1.33	0.87	0.13	3378.77	525.18	3.80	888.25
		8	3.50	1.13	0.62	0.25	1095.89	375.42	0.80	1361.93

CHLOROPHYLL/BIOMASS ANALYSIS
TENNESSEE - TOMBIGBEE

STORET STATION DESCRIPTION	DATE	REP_NO	PAN2	PI	CBM2	CCM2	AFOW	AI	CCAM2	CAI
02441000 Tibbee Creek near Tibbee, MS	30JUL86	1	16.96	1.05	1.25	0.84	2395.21	209.01	1.17	2046.47
		2	2.96	1.42	0.16	0.65	5292.47	845.00	4.32	1226.27
		3	22.38	1.03	0.79	1.30	2962.33	200.11	1.17	2531.02
		4	8.26	1.10	0.00	0.35	8373.97	1301.80	1.32	6359.76
		5	7.53	1.04	0.71	0.00	.	.	0.51	0.00
		6	4.45	1.35	0.48	0.59	4074.66	557.98	4.46	913.15
		7	8.76	1.05	0.06	0.19	3777.40	626.79	0.66	5737.62
		8	6.43	1.41	0.00	0.00	10821.92	817.57	8.88	1219.29
333119088291435 TTW Columbus Lake Sedimentation Range 1A	30JUL86	1	7.64	1.32	0.64	0.67	3965.07	354.46	6.34	625.43
		2	6.52	1.12	0.26	0.40	1375.34	258.50	1.32	1044.53
		3	6.03	1.08	0.44	0.30	2063.70	468.89	0.73	2821.16
		4	6.47	1.09	0.37	0.23	1854.79	377.93	0.95	1950.45
		5	0.86	1.57	0.21	0.00	1859.59	417.41	3.80	488.87
		6	3.22	1.15	0.67	0.65	1258.22	446.78	0.88	1433.36
		7	3.28	1.03	0.18	0.28	1451.37	678.34	0.15	9920.41
		8	4.92	1.07	0.48	0.44	2807.53	804.51	0.51	5482.88
02441391 Tombigbee River below Columbus L&D, MS	30JUL86	1	8.69	1.43	6.34	0.08	4121.92	213.73	13.95	295.53
		2	11.19	1.34	2.65	0.02	5302.05	297.69	10.78	491.95
		3	22.03	1.10	1.54	1.28	6763.01	399.38	3.49	1939.58
		4	12.30	1.33	2.58	0.00	3629.45	196.23	10.78	336.76
		5	7.07	1.47	0.00	0.77	5458.22	275.88	14.90	366.36
		6	7.58	1.34	0.00	0.00	4434.93	360.99	7.29	608.30
		7	21.97	1.06	0.00	0.14	5201.37	330.55	2.22	2344.12
		8	15.25	1.12	1.33	0.00	7069.18	565.33	3.17	2230.12
02441498 Tombigbee River (Col. Bend. 11B) at Columbus, MS	04AUG86	1	9.01	1.04	0.09	0.37	1589.04	263.88	0.51	3103.26
		2	7.30	1.16	0.70	0.15	969.86	146.88	2.12	457.19
		3	0.00	1.72	8.21	10.63	11577.40	494.00	23.44	494.00
		4	0.00	2.26	0.00	0.67	.	.	8.09	0.00
		5	1.14	1.61	0.00	0.00	5256.85	612.36	7.46	704.54
		6	5.05	1.49	0.00	0.00	9341.78	601.49	11.85	788.31
		7	7.53	1.08	0.03	0.13	911.64	161.22	1.02	890.18
		8	.	1.20	0.00	0.00	750.68	.	0.00	0.00

CHLOROPHYLL/BIOASS ANALYSIS
TENNESSEE - TOMBIGBEE

STORET STATION DESCRIPTION	DATE	REP_NO	PAM2	PI	CBM2	CCM2	AFOW	AI	CCAM2	CAI
02443500 Luxapallila Creek near Columbus, MS	30JUL86	1	6.64	1.15	1.34	0.29	3021.23	523.64	1.76	1720.90
		2	4.54	1.10	0.28	0.00	1679.45	478.01	0.73	2295.88
		3	9.96	1.07	0.32	0.04	2903.42	403.48	1.10	2646.07
		4	7.89	1.05	0.00	0.00	1684.93	306.03	0.66	2559.30
		5	11.83	1.06	1.28	0.13	4283.56	523.46	1.02	4182.72
		6	6.63	1.09	0.67	0.09	2728.77	547.95	0.95	2869.49
		7	4.18	1.15	0.36	0.00	1560.27	426.02	1.10	1421.97
		8	4.34	1.10	0.00	0.54	2339.73	687.65	0.73	3198.50
02443610 Tombigbee River (Pratt Camp 5HB) below Columbus L&D, MS	04AUG86	1	2.94	1.48	0.00	0.00	2358.90	267.83	6.58	358.30
		2	13.50	1.08	0.01	0.21	2873.29	285.54	1.76	1636.63
		3	18.89	1.05	0.00	0.52	3243.15	246.92	1.54	2111.20
		4	2.28	1.50	0.00	0.00	4480.14	597.69	5.71	785.20
		5	9.35	1.13	0.00	0.29	1389.04	175.53	2.12	654.78
		6	2.33	1.52	0.00	0.00	2415.07	289.65	6.58	366.83
		7	1.62	1.52	0.00	0.00	2269.86	375.04	4.83	470.15
		8	7.72	1.24	0.00	0.68	2888.36	324.84	3.95	731.20
02444158 Tombigbee River above Aliceville L&D, AL	05AUG86	1	6.11	1.16	0.36	0.79	2398.63	429.10	1.83	1311.61
		2	7.77	1.27	0.00	0.00	5906.85	601.58	4.83	1223.47
		3	0.48	1.65	0.00	0.00	4123.97	571.10	6.58	626.40
		4	9.39	1.19	0.00	1.03	2692.47	286.51	3.51	766.81
		5	4.78	1.47	0.00	0.00	5262.33	400.89	9.66	544.99
		6	9.14	1.12	0.61	1.09	3402.05	449.58	1.98	1722.50
		7	1.58	1.50	0.00	0.00	2228.08	425.68	3.95	564.05
		8	3.84	1.33	0.00	0.00	3785.62	622.78	3.49	1085.68
02444161 Tombigbee River below Aliceville L&D, AL	05AUG86	1	11.67	1.13	1.69	0.00	2260.96	234.95	2.54	891.58
		2	3.77	1.49	0.88	0.00	2873.29	250.87	8.88	323.73
		3	0.41	1.68	0.88	0.00	1587.67	118.96	12.68	125.22
		4	9.22	1.35	0.98	0.00	10273.29	680.32	9.19	1117.56
		5	1.17	1.65	0.35	0.14	3519.18	222.44	14.58	241.35
		6	0.00	1.90	4.28	2.09	4321.23	172.09	25.11	172.09
		7	6.36	1.44	0.76	0.00	71218.49	4822.90	10.53	6761.01
		8	10.11	1.48	5.22	1.58	4475.34	153.75	22.51	198.85

CHLOROPHYLL/BIOMASS ANALYSIS
TENNESSEE - TOMBIGBEE

STORET STATION DESCRIPTION	DATE	REP_NO	PAM2	PI	CBM2	CCM2	AFOW	AI	CCAM2	CAI
02444210 Tombigbee River (Big Creek) near Pickensville, AL	05AUG86	1	7.24	1.15		0.42	0.50	2277.41	1.98	7417.46
		2	7.23	1.10		0.27	0.56	3515.40	1.17	16817.6
		3	12.90	1.13		1.08	1.12	1461.03	3.07	5216.47
		4	17.03	1.09		1.39	1.13	1067.91	2.63	5275.18
		5	12.20	1.07		0.47	1.67	946.10	1.32	6294.22
		6	2.43	1.11		1.12	1.30	14723.15	0.44	61596.4
		7	1.95	1.24		0.50	0.52	11278.31	1.02	24295.7
		8	2.28	1.14		0.52	0.47	13470.67	0.59	45008.2
02447010 Tombigbee River (Cooks Bend) near Warsaw, AL	06AUG86	1	7.33	1.16		1.45	0.42	365.23	2.19	1104.24
		2	11.83	1.08		1.59	0.49	493.13	1.54	2788.48
		3	13.87	1.16		1.70	0.81	456.26	3.95	1435.19
		4	23.99	1.05		1.79	1.20	548.93	1.98	4597.03
		5	21.53	1.13		0.19	2.21	410.27	5.05	1490.80
		6	21.40	1.11		0.00	1.90	.	3.95	0.00
		7	23.46	1.10		1.14	1.93	518.96	3.73	2515.42
		8	18.68	1.10		1.04	1.30	542.12	3.29	2424.47
02447020 Tombigbee River above Gainesville L&D, AL	06AUG86	1	12.27	1.06		2.65	0.75	661.34	1.10	5071.16
		2	0.72	1.12		0.09	0.04	7729.50	0.15	30983.1
		3	8.32	1.13		2.26	0.40	185.45	1.98	652.31
		4	0.85	1.06		0.08	0.10	1854.23	0.07	14859.6
		5	0.98	1.09		0.13	0.04	1252.13	0.15	6334.27
		6	1.39	1.07		0.22	0.05	1196.25	0.15	8033.71
		7	0.76	1.50		0.87	0.33	1207.15	1.90	1502.45
		8	0.83	1.18		0.21	0.00	3009.35	0.29	8192.88
02448500 Noxubee River near Geiger, AL	05AUG86	1	6.70	1.12		0.55	1.01	3164.77	1.39	12475.9
		2	5.32	1.05		0.04	0.06	1971.25	0.37	19524.3
		3	4.25	1.00		0.00	0.10	3527.75	0.00	0.00
		4	9.28	1.06		0.05	0.69	420.23	0.80	3389.51
		5	11.72	1.02		0.00	0.45	1168.09	0.37	24095.5
		6	5.07	1.06		0.04	0.06	2435.04	0.51	17227.1
		7	1.70	1.06		0.00	0.16	14895.45	0.15	121133
		8	6.24	1.06		0.15	0.48	3898.14	0.63	27381.2

CHLOROPHYLL/BIONASS ANALYSIS
TENNESSEE - TOMBIGBEE

STORET STATION DESCRIPTION	DATE	REP_NO	PAM2	PI	CBM2	CCM2	AFOM	AI	CCAM2	CAI
02449000 Tombigbee River at Gainesville, AL	06AUG86	1	3.23	1.12	0.17	0.12	858.90	325.08	0.66	1304.62
		2	3.39	1.06	0.21	0.07	7924.66	3359.54	0.29	27083.3
		3	6.09	1.04	0.28	0.27	1158.22	284.57	0.37	3166.67
		4	4.49	1.10	0.08	0.21	1129.45	323.41	0.73	1544.01

03592824 TENN-TOM WATERWAY AT CROSS ROADS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 13	Cladocera	<i>Bosmina longirostris</i>	7240
		<i>Calanoid</i> imm.	251
	Copepoda	<i>Cyclopoid</i> imm.	5591
		<i>Cyclops vernalis</i>	36
		<i>Diaptomus reighardi</i>	108
		<i>Mesocyclops edax</i>	645
		Nauplii	9534
		<i>Tropocyclops prasinus</i>	36
	Rotifera	<i>Brachionus calyciflorus</i>	36
		<i>Cephalodella</i> sp.	36
		<i>Conochiloides</i> sp.	143
		<i>Conochilus unicornis</i>	394
		<i>Kellicottia longispina</i>	72
		<i>Keratella cochlearis</i>	36
		<i>Keratella crassa</i>	143
		<i>Keratella earlinae</i>	143
		<i>Polyarthra</i> sp.	179

03592824 TENN-TOM WATERWAY AT CROSS ROADS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
FEB 04	Cladocera	<i>Bosmina longirostris</i>	1418
		Calanoid imm.	284
	Copepoda	Cyclopoid imm.	14178
		<i>Cyclops bicuspidatus thomasi</i>	1512
		<i>Cyclops vernalis</i>	1607
		<i>Diaptomus reighardi</i>	95
		<i>Mesocyclops edax</i>	95
		Nauplii	6994
	Rotifera	<i>Brachionus calyciflorus</i>	473
		<i>Brachionus urceolaris</i>	284
		<i>Keratella earlinae</i>	1134
		<i>Monostyla</i> sp.	95
		<i>Polyarthra</i> sp.	851
		<i>Synchaeta stylata</i>	662

03592824 TENN-TOM WATERWAY AT CROSS ROADS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 17	Cladocera	<i>Bosmina longirostris</i>	16558
		<i>Daphnia galeata</i>	233
	Copepoda	Calanoid imm.	700
		Cyclopoid imm.	45942
		<i>Cyclops vernalis</i>	7929
		<i>Diaptomus reighardi</i>	233
		<i>Mesocyclops edax</i>	2099
		Nauplii	3498
	Rotifera	<i>Brachionus urceolaris</i>	466
		<i>Collotheca</i> sp.	233
		<i>Conochilus unicornis</i>	233
		<i>Kellicottia bostoniensis</i>	233
		<i>Keratella earlinae</i>	1632
		<i>Synchaeta stylata</i>	933

03592824 TENN-TOM WATERWAY AT CROSS ROADS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 07	Cladocera	<i>Bosmina longirostris</i>	647
		<i>Diaphanosoma leuchtenbergianum</i>	431
	Copepoda	Nauplii	13578
	Rotifera	<i>Asplanchna herricki</i>	58621
		<i>Asplanchna priodonta</i>	216
		<i>Brachionus angularis</i>	216
		<i>Conochiloides</i> sp.	11638
		<i>Conochilus hippocrepis</i>	1940
		<i>Conochilus unicornis</i>	4095
		<i>Hexarthra intermedia</i>	647
		<i>Keratella cochlearis</i>	647
		<i>Keratella earlinae</i>	11853
		<i>Polyarthra</i> sp.	5603
		<i>Synchaeta stylata</i>	5388
		<i>Trichocerca</i> sp.	18103

343140088192235 TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 13	Cladocera	<i>Bosmina longirostris</i>	1075
		<i>Ceriodaphnia lacustris</i>	1689
		<i>Ilyocryptus</i> imm.	77
		<i>Sida crystallina</i>	77
	Copepoda	<i>Calanoid</i> imm.	1689
		<i>Cyclopoid</i> imm.	768
		<i>Cyclops vernalis</i>	768
		<i>Diaptomus reighardi</i>	537
		<i>Mesocyclops edax</i>	307
		Nauplii	7371
		<i>Tropocyclops prasinus</i>	1152
	Rotifera	<i>Kellicottia bostoniensis</i>	55666
		<i>Keratella crassa</i>	384
		<i>Keratella earlinae</i>	4607
		<i>Polyarthra</i> sp.	154

343140088192235 TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
FEB 04	Cladocera	<i>Bosmina longirostris</i>	590
		<i>Ceriodaphnia lacustris</i>	19
		<i>Diaphanosoma leuchtenbergianum</i>	19
		<i>Pleuroxus hamulatus</i>	19
	Copepoda	Calanoid imm.	133
		Cyclopoid imm.	2990
		<i>Cyclops bicuspidatus thomasi</i>	76
		<i>Cyclops vernalis</i>	190
		<i>Diaptomus pallidus</i>	19
		<i>Diaptomus reighardi</i>	190
		Nauplii	3276
		<i>Tropocyclops prasinus</i>	286
	Rotifera	<i>Cephalodella</i> sp.	95
		<i>Collotheca</i> sp.	2190
		<i>Conochilus unicornis</i>	171
		<i>Kellicottia bostoniensis</i>	38
		<i>Keratella crassa</i>	152
		<i>Keratella earlinae</i>	1676
		<i>Polyarthra</i> sp.	190
		<i>Synchaeta stylata</i>	76

343140088192235 TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3
TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 17	Cladocera	<i>Bosmina longirostris</i>	72541
		<i>Chydorus</i> sp.	451
		<i>Daphnia galeata</i>	226
		<i>Daphnia</i> imm.	451
		<i>Daphnia retrocurva</i>	338
		<i>Holopedium gibberum</i>	113
	Copepoda	<i>Simocephalus serrulatus</i>	113
		Calanoid imm.	1918
		Cyclopoid imm.	35506
		<i>Cyclops bicuspidatus thomasi</i>	338
		<i>Cyclops vernalis</i>	3497
		<i>Diaptomus reighardi</i>	451
		<i>Eucyclops agilis</i>	226
		<i>Mesocyclops edax</i>	1241
		Nauplii	14666
	Rotifera	<i>Asplanchna herricki</i>	338
		<i>Epiphanes macrourus</i>	1354
		<i>Keratella crassa</i>	113
		<i>Keratella earlinae</i>	13425

343140088192235 TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 07	Cladocera	<i>Bosmina longirostris</i>	140
		<i>Ceriodaphnia lacustris</i>	280
		<i>Daphnia retrocurva</i>	699
		<i>Diaphanosoma leuchtenbergianum</i>	2798
	Copepoda	Calanoid imm.	420
		Cyclopoid imm.	1679
		<i>Mesocyclops edax</i>	140
		Nauplii	11752
	Rotifera	<i>Tropocyclops prasinus</i>	140
		<i>Asplanchna herricki</i>	1259
		<i>Brachionus bidentata</i>	140
		<i>Collotheca</i> sp.	560
		<i>Conochiloides</i> sp.	1119
		<i>Conochilus unicornis</i>	5596
		<i>Hexarthra intermedia</i>	140
		<i>Kellicottia bostoniensis</i>	420
		<i>Keratella cochlearis</i>	420
		<i>Keratella crassa</i>	4057
		<i>Keratella earlinae</i>	15809
		<i>Polyarthra</i> sp.	1539
		<i>Synchaeta stylata</i>	280
		<i>Trichocerca</i> sp.	839

02430005 TENN-TOM WATERWAY BELOW BAY SPRINGS L&D, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 15	Cladocera	<i>Bosmina longirostris</i>	418
		<i>Ceriodaphnia lacustris</i>	1126
		<i>Diaphanosoma leuchtenbergianum</i>	161
	Copepoda	Calanoid imm.	740
		Cyclopoid imm.	290
		<i>Cyclops vernalis</i>	161
		<i>Diaptomus reighardi</i>	257
		Nauplii	2831
		<i>Tropocyclops prasinus</i>	354
	Rotifera	<i>Collotheca</i> sp.	418
		<i>Conochilus unicornis</i>	64
		<i>Kellicottia bostoniensis</i>	28024
		<i>Keratella cochlearis</i>	32
		<i>Keratella crassa</i>	97
		<i>Keratella earlinae</i>	1544
		<i>Lecane</i> sp.	97
		<i>Monostyla</i> sp.	32

02430005 TENN-TOM WATERWAY BELOW BAY SPRINGS L&D, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
FEB 04	Cladocera	<i>Bosmina longirostris</i>	698
		<i>Ceriodaphnia lacustris</i>	93
		<i>Chydorus</i> sp.	47
		<i>Daphnia retrocurva</i>	140
	Copepoda	Calanoid imm.	163
		Cyclopoid imm.	3818
		<i>Cyclops bicuspidatus thomasi</i>	93
		<i>Cyclops vernalis</i>	372
		<i>Diaptomus reighardi</i>	47
		Nauplii	4655
		<i>Tropocyclops prasinus</i>	442
	Rotifera	<i>Brachionus calyciflorus</i>	23
		<i>Brachionus urceolaris</i>	116
		<i>Collotheca</i> sp.	1141
		<i>Conochilus unicornis</i>	47
		<i>Kellicottia bostoniensis</i>	47
		<i>Kellicottia longispina</i>	23
		<i>Keratella crassa</i>	70
		<i>Keratella earlinae</i>	2654
		<i>Ploesoma truncata</i>	70
		<i>Polyarthra</i> sp.	116
		<i>Synchaeta stylata</i>	489
		<i>Trichotria</i> sp.	70

02430005 TENN-TOM WATERWAY BELOW BAY SPRINGS L&D, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 17	Cladocera	<i>Bosmina longirostris</i>	207110
		<i>Daphnia</i> imm.	440
		<i>Daphnia retrocurva</i>	890
	Copepoda	Calanoid imm.	10670
		Cyclopoid imm.	106670
		<i>Cyclops bicuspidatus thomasi</i>	1780
		<i>Cyclops vernalis</i>	10220
		<i>Diaptomus reighardi</i>	1780
		<i>Mesocyclops edax</i>	1330
		Nauplii	31560
	Rotifera	<i>Conochiloides</i> sp.	2220
		<i>Conochilus unicornis</i>	4000
		<i>Epiphanes macrourus</i>	11110
		<i>Kellicottia bostoniensis</i>	440
		<i>Keratella crassa</i>	890
		<i>Keratella earlinae</i>	119110

02430005 TENN-TOM WATERWAY BELOW BAY SPRINGS L&D, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 07	Cladocera	<i>Bosmina longirostris</i>	3182
		<i>Daphnia retrocurva</i>	455
		<i>Diaphanosoma leuchtenbergianum</i>	9091
		<i>Holopedium gibberum</i>	455
	Copepoda	Calanoid imm.	2727
		Cyclopoid imm.	7727
		<i>Mesocyclops edax</i>	1364
		Nauplii	49545
		<i>Tropocyclops prasinus</i>	909
	Rotifera	<i>Collotheca</i> sp.	455
		<i>Conochiloides</i> sp.	1818
		<i>Conochilus hippocrepis</i>	455
		<i>Conochilus unicornis</i>	7273
		<i>Keratella cochlearis</i>	1364
		<i>Keratella crassa</i>	8182
		<i>Keratella earlinae</i>	29545
		<i>Polyarthra</i> sp.	4091
		<i>Trichocerca</i> sp.	7727

02437000 TOMBIGBEE RIVER NEAR AMORY, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 14	Cladocera	<i>Bosmina longirostris</i>	49
		<i>Ceriodaphnia lacustris</i>	16
		<i>Daphnia galeata</i>	16
	Copepoda	Cyclopoid imm.	82
		Nauplii	313
	Rotifera	<i>Cephalodella</i> sp.	33
		Contracted rotifera	16
		<i>Euchlanis</i> sp.	16
		<i>Kellicottia bostoniensis</i>	3076
		<i>Keratella earlinae</i>	428
		<i>Keratella quadrata</i>	66

02437000 TOMBIGBEE RIVER NEAR AMORY, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
FEB 05	Cladocera	<i>Bosmina longirostris</i>	971
		<i>Pleuroxus denticulatus</i>	61
	Copepoda	Cyclopoid imm.	1092
		<i>Cyclops vernalis</i>	303
		<i>Mesocyclops edax</i>	61
		Nauplii	5522
	Rotifera	<i>Brachionus angularis</i>	425
		<i>Brachionus calyciflorus</i>	3519
		<i>Brachionus urceolaris</i>	1092
		<i>Cephalodella</i> sp.	243
		<i>Filinia longiseta</i>	1032
		<i>Keratella earlinae</i>	667
		<i>Monostyla</i> sp.	243
		<i>Notholca</i> sp.	61
		<i>Polyarthra</i> sp.	61
		<i>Synchaeta stylata</i>	789
		<i>Trichotria</i> sp.	243

02437000 TOMBIGBEE RIVER NEAR AMORY, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 18	Cladocera	<i>Bosmina longirostris</i>	79915
		<i>Daphnia retrocurva</i>	364
	Copepoda	Calanoid imm.	728
		Cyclopoid imm.	4187
		<i>Cyclops bicuspidatus thomasi</i>	182
		<i>Cyclops vernalis</i>	728
		<i>Eucyclops agilis</i>	364
		Nauplii	5643
	Rotifera	<i>Asplanchna herricki</i>	546
		<i>Brachionus angularis</i>	364
		<i>Brachionus calyciflorus</i>	182
		<i>Brachionus urceolaris</i>	2731
		<i>Conochilus unicornis</i>	1638
		Contracted rotifera	728
		<i>Kellicottia bostoniensis</i>	546
		<i>Keratella crassa</i>	364
		<i>Keratella earlinae</i>	7646
		<i>Lecane</i> sp.	182
		<i>Monostyla</i> sp.	182
		<i>Synchaeta stylata</i>	182

02437000 TOMBIGBEE RIVER NEAR AMORY, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 08	Cladocera	<i>Diaphanosoma leuchtenbergianum</i>	316
		<i>Ilyocryptus spinifer</i>	158
	Copepoda	Calanoid imm.	158
		Nauplii	8070
	Rotifera	<i>Brachionus bennini</i>	158
		<i>Brachionus bidentata</i>	1266
		<i>Brachionus havanaensis</i>	475
		<i>Brachionus quadridentatus</i>	158
		<i>Brachionus urceolaris</i>	158
		<i>Cephalodella</i> sp.	2532
		<i>Conochiloides</i> sp.	475
		Contracted rotifera	316
		<i>Epiphanes macrourus</i>	316
		<i>Keratella earlinae</i>	2690
		<i>Lecane</i> sp.	633
		<i>Platytias patulus</i>	4905
		<i>Trichocerca</i> sp.	949

335008088311335 TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 15	Cladocera	<i>Bosmina longirostris</i>	1527
		<i>Ceriodaphnia lacustris</i>	218
	Copepoda	Calanoid imm.	1527
		Cyclopoid imm.	1527
		<i>Diaptomus reighardi</i>	218
		Nauplii	9380
	Rotifera	<i>Conochilus unicornis</i>	1309
		<i>Kellicottia bostoniensis</i>	2182
		<i>Keratella crassa</i>	9599
		<i>Keratella earlinae</i>	15707
		<i>Polyarthra sp.</i>	10035
		<i>Synchaeta stylata</i>	12435

335008088311335 TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
FEB 05	Cladocera	<i>Bosmina longirostris</i>	7292
		<i>Chydorus</i> sp.	521
		<i>Daphnia retrocurva</i>	174
		<i>Ilyocryptus spinifer</i>	174
		<i>Pleuroxus hamulatus</i>	868
	Copepoda	Calanoid imm.	347
		Cyclopoid imm.	7813
		<i>Cyclops vernalis</i>	347
		<i>Diaptomus reighardi</i>	521
		Nauplii	26563
	Rotifera	<i>Brachionus angularis</i>	174
		<i>Conochiloides</i> sp.	174
		Contracted rotifera	174
		<i>Keratella cochlearis</i>	174
		<i>Keratella crassa</i>	521
		<i>Keratella earlinae</i>	11632
		<i>Synchaeta stylata</i>	521

335008088311335 TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 18	Cladocera	<i>Bosmina longirostris</i>	9551
		<i>Daphnia galeata</i>	35
		<i>Daphnia retrocurva</i>	35
		<i>Eurycercus</i> sp.	35
		<i>Holopedium gibberum</i>	35
	Copepoda	Calanoid imm.	141
		Cyclopoid imm.	1198
		<i>Cyclops bicuspidatus thomasi</i>	35
		<i>Cyclops vernalis</i>	35
		<i>Diaptomus reighardi</i>	35
	Rotifera	Nauplii	2326
		<i>Asplanchna herricki</i>	70
		<i>Brachionus calyciflorus</i>	141
		<i>Brachionus urceolaris</i>	176
		<i>Collotheca</i> sp.	35
		<i>Conochilus unicornis</i>	106
		Contracted rotifera	35
		<i>Epiphanes macrourus</i>	35
		<i>Filinia longiseta</i>	70
		<i>Kellicottia bostoniensis</i>	35
		<i>Keratella crassa</i>	35
		<i>Keratella earlinae</i>	2079
		<i>Keratella valga</i>	35
		<i>Monostyla</i> sp.	35
		<i>Platylas patulus</i>	35
		<i>Ploesoma hudsoni</i>	35
		<i>Synchaeta stylata</i>	211

335008088311335 TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 08	Cladocera	<i>Bosmina longirostris</i>	7601
		<i>Ceriodaphnia lacustris</i>	1140
	Copepoda	<i>Diaphanosoma leuchtenbergianum</i>	39147
		Calanoid imm.	4181
		Cyclopoid imm.	7981
		<i>Mesocyclops edax</i>	2660
		Nauplii	87416
		<i>Tropocyclops prasinus</i>	380
	Rotifera	<i>Asplanchna herricki</i>	9502
		<i>Brachionus angularis</i>	18243
		<i>Brachionus bennini</i>	380
		<i>Brachionus budapestinensis</i>	2660
		<i>Brachionus calyciflorus</i>	5701
		<i>Brachionus caudatus</i>	1140
		<i>Conochiloides</i> sp.	18623
		<i>Conochilus unicornis</i>	380
		<i>Keratella cochlearis</i>	1520
		<i>Keratella crassa</i>	2660
		<i>Keratella earlinae</i>	8361
		<i>Platytias patulus</i>	4561
		<i>Polyarthra</i> sp.	380
		<i>Trichocerca</i> sp.	380

02437101 TOMBIGBEE RIVER BELOW ABERDEEN L&D, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 14	Cladocera	<i>Bosmina longirostris</i>	763
		<i>Ceriodaphnia lacustris</i>	65
		<i>Ilyocryptus spinifer</i>	22
	Copepoda	<i>Simocephalus serrulatus</i>	22
		Calanoid imm.	262
		Cyclopoid imm.	632
		<i>Cyclops vernalis</i>	44
		<i>Diaptomus reighardi</i>	218
		Nauplii	2922
		<i>Tropocyclops prasinus</i>	87
	Rotifera	<i>Collotheca</i> sp.	44
		<i>Conochiloides</i> sp.	22
		<i>Conochilus unicornis</i>	1286
		Contracted rotifera	174
		<i>Kellicottia bostoniensis</i>	87
		<i>Kellicottia longispina</i>	44
		<i>Keratella cochlearis</i>	44
		<i>Keratella crassa</i>	1548
		<i>Keratella earlinae</i>	3292
		<i>Lecane</i> sp.	44
		<i>Polyarthra</i> sp.	327
		<i>Synchaeta</i> sp.	87

02437101 TOMBIGBEE RIVER BELOW ABERDEEN L&D, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
FEB 05	Cladocera	<i>Bosmina longirostris</i>	34530
		<i>Chydorus</i> sp.	440
	Copepoda	<i>Daphnia retrocurva</i>	440
		Calanoid imm.	9620
		Cyclopoid imm.	35400
		<i>Cyclops bicuspidatus thomasi</i>	870
		<i>Diaptomus pallidus</i>	440
		<i>Diaptomus reighardi</i>	1310
		Nauplii	140300
		<i>Tropocyclops prasinus</i>	1310
	Rotifera	<i>Asplanchna herricki</i>	440
		<i>Brachionus calyciflorus</i>	870
		<i>Collotheca</i> sp.	440
		<i>Conochilus unicornis</i>	440
		Contracted rotifera	870
		<i>Keratella crassa</i>	2620
		<i>Keratella earlinae</i>	58130
		<i>Polyarthra</i> sp.	870
		<i>Synchaeta stylata</i>	4370
		<i>Trichotria</i> sp.	440

02437101 TOMBIGBEE RIVER BELOW ABERDEEN L&D, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 18	Cladocera	<i>Bosmina longirostris</i>	22353
		<i>Chydorus</i> sp.	1059
		<i>Daphnia retrocurva</i>	588
	Copepoda	Calanoid imm.	235
		Cyclopoid imm.	5647
		<i>Cyclops vernalis</i>	1176
		Nauplii	7529
	Rotifera	<i>Asplanchna herricki</i>	353
		<i>Brachionus angularis</i>	235
		<i>Brachionus urceolaris</i>	2588
		<i>Collotheca</i> sp.	471
		<i>Conochiloides</i> sp.	118
		<i>Conochilus unicornis</i>	1882
		<i>Filinia longiseta</i>	118
		<i>Kellicottia bostoniensis</i>	706
		<i>Keratella earlinae</i>	22824
		<i>Keratella valga</i>	353
		<i>Lecane</i> sp.	235
		<i>Platylas patulus</i>	118
		<i>Synchaeta</i> sp.	471
		<i>Trichocerca</i> sp.	706

02437101 TOMBIGBEE RIVER BELOW ABERDEEN L&D, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 08	Cladocera	<i>Bosmina longirostris</i>	1941
		<i>Diaphanosoma leuchtenbergianum</i>	2717
	Copepoda	Cyclopoid imm.	388
		Nauplii	70652
	Rotifera	<i>Asplanchna herricki</i>	3106
		<i>Brachionus angularis</i>	4658
		<i>Brachionus bidentata</i>	388
		<i>Brachionus calyciflorus</i>	388
		<i>Brachionus caudatus</i>	9705
		<i>Collotheca</i> sp.	388
		<i>Conochiloides</i> sp.	30280
		<i>Conochilus unicornis</i>	1941
		<i>Keratella earlinae</i>	4658
		<i>Ploesoma truncata</i>	388
		<i>Polyarthra</i> sp.	2717
		<i>Synchaeta stylata</i>	2717
		<i>Trichocerca</i> sp.	1941

02439600 BUTTAHATCHEE RIVER NEAR KOLOLA SPRINGS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
FEB 06	Cladocera	<i>Bosmina longirostris</i>	1242
	Copepoda	Cyclopoid imm.	1366
		<i>Cyclops vernalis</i>	124
		Nauplii	4222
	Rotifera	<i>Brachionus calyciflorus</i>	1738
		<i>Brachionus urceolaris</i>	745
		<i>Cephalodella</i> sp.	124
		<i>Conochilus unicornis</i>	373
		<i>Keratella earlinae</i>	1490
		<i>Notholca</i> sp.	373
		<i>Polyarthra</i> sp.	497
		<i>Synchaeta stylata</i>	248
		<i>Trichocerca</i> sp.	124

02439600 BUTTAHATCHEE RIVER NEAR KOLOLA SPRINGS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 09	Cladocera	<i>Bosmina longirostris</i>	151
		<i>Diaphanosoma leuchtenbergianum</i>	211
	Copepoda	Calanoid imm.	30
		Cyclopoid imm.	151
		<i>Diaptomus pallidus</i>	90
		Harpacticoid imm.	30
		<i>Mesocyclops edax</i>	120
		Nauplii	1928
	Rotifera	<i>Brachionus angularis</i>	120
		<i>Brachionus bidentata</i>	271
		<i>Brachionus calyciflorus</i>	30
		<i>Brachionus caudatus</i>	120
		<i>Cephalodella</i> sp.	30
		<i>Keratella earlinae</i>	151
		<i>Platytas patulus</i>	30
		<i>Synchaeta stylata</i>	30

333927088304935 TTW COLUMBUS LAKE BUTTAHATCHEE R. BENDWAY 26A
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 15	Cladocera	<i>Bosmina longirostris</i>	5909
		<i>Ceriodaphnia lacustris</i>	455
	Copepoda	Calanoid imm.	909
		<i>Diaptomus reighardi</i>	455
		Nauplii	5000
	Rotifera	<i>Collotheca</i> sp.	1818
		<i>Conochilus unicornis</i>	18636
		<i>Kellicottia bostoniensis</i>	10000
		<i>Keratella crassa</i>	11818
		<i>Keratella earlinae</i>	40455
		<i>Lecane</i> sp.	455
		<i>Platylas patulus</i>	455
		<i>Polyarthra</i> sp.	70909
		<i>Synchaeta stylata</i>	29545

333927088304935 TTW COLUMBUS LAKE BUTTAHATCHEE R. BENDWAY 26A
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
FEB 05	Cladocera	<i>Bosmina longirostris</i>	6857
		<i>Calanoid</i> imm.	536
	Copepoda	<i>Cyclopoid</i> imm.	6750
		Nauplii	24536
	Rotifera	<i>Brachionus angularis</i>	214
		<i>Brachionus calyciflorus</i>	857
		<i>Conochiloides</i> sp.	107
		<i>Keratella crassa</i>	1500
		<i>Keratella earlinae</i>	23357
		<i>Monostyla</i> sp.	214
		<i>Polyarthra</i> sp.	2786
		<i>Synchaeta stylata</i>	3000
		<i>Trichotria</i> sp.	321

333927088304935 TTW COLUMBUS LAKE BUTTAHATCHEE R. BENDWAY 26A
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 20	Cladocera	<i>Bosmina longirostris</i>	9309
		<i>Ceriodaphnia lacustris</i>	44
		<i>Chydorus</i> sp.	44
		<i>Daphnia</i> imm.	44
		<i>Daphnia retrocurva</i>	44
		<i>Diaphanosoma leuchtenbergianum</i>	44
	Copepoda	Calanoid imm.	393
		Cyclopoid imm.	2229
		<i>Cyclops bicuspidatus thomasi</i>	175
		<i>Cyclops vernalis</i>	219
		<i>Diaptomus reighardi</i>	306
		Nauplii	5507
	Rotifera	<i>Asplanchna herricki</i>	131
		<i>Brachionus angularis</i>	87
		<i>Brachionus urceolaris</i>	1093
		<i>Collotheca</i> sp.	219
		<i>Conochilus unicornis</i>	1093
		Contracted rotifera	175
		<i>Kellicottia bostoniensis</i>	131
		<i>Keratella earlinae</i>	13330
		<i>Keratella valga</i>	131
		<i>Monostyla</i> sp.	44
		<i>Platylas patulus</i>	87
		<i>Ploesoma truncata</i>	44
		<i>Synchaeta stylata</i>	1442
		<i>Trichotria</i> sp.	87

333927088304935 TTW COLUMBUS LAKE BUTTAHATCHEE R. BENDWAY 26A
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 09	Cladocera	<i>Bosmina longirostris</i>	146
		<i>Diaphanosoma leuchtenbergianum</i>	4167
		<i>Moina micrura</i>	11477
	Copepoda	Cyclopoid imm.	73
		<i>Ergasilus</i> sp.	73
		Nauplii	2266
	Rotifera	<i>Asplanchna herricki</i>	439
		<i>Brachionus angularis</i>	219
		<i>Brachionus calyciflorus</i>	1901
		<i>Brachionus caudatus</i>	658
		<i>Cephalodella</i> sp.	73
		<i>Conochiloides</i> sp.	292
		Contracted rotifera	73
		<i>Keratella cochlearis</i>	73
		<i>Keratella crassa</i>	877
		<i>Ploesoma truncata</i>	73
		<i>Polyarthra</i> sp.	366
		<i>Trichocerca</i> sp.	146

02441000 TIBBEE CREEK NEAR TIBBEE, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 15	Cladocera	<i>Bosmina longirostris</i>	155
		<i>Calanoid</i> imm.	24
	Copepoda	<i>Cyclopoid</i> imm.	238
		<i>Diaptomus reighardi</i>	36
		Nauplii	1274
	Rotifera	<i>Brachionus quadridentatus</i>	83
		<i>Cephalodella</i> sp.	48
		<i>Conochiloides</i> sp.	12
		Contracted rotifera	690
		<i>Kellicottia bostoniensis</i>	12
		<i>Keratella crassa</i>	107
		<i>Keratella earlinae</i>	286
		<i>Lecane</i> sp.	36
		<i>Monostyla</i> sp.	12
		<i>Platylas patulus</i>	36
		<i>Platylas quadricornis</i>	83
		<i>Polyarthra</i> sp.	12
		<i>Synchaeta</i> sp.	71

02441000 TIBBEE CREEK NEAR TIBBEE, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
FEB 06	Cladocera	<i>Bosmina longirostris</i>	536
		<i>Chydorus</i> sp.	357
		<i>Pleuroxus hamulatus</i>	60
	Copepoda	Calanoid imm.	60
		Cyclopoid imm.	833
		<i>Cyclops vernalis</i>	119
		<i>Eucyclops agilis</i>	119
		Nauplii	5417
	Rotifera	<i>Brachionus calyciflorus</i>	2381
		<i>Brachionus urceolaris</i>	357
		<i>Conochilus unicornis</i>	179
		<i>Filinia longiseta</i>	298
		<i>Keratella crassa</i>	179
		<i>Keratella earlinae</i>	595
		<i>Keratella valga</i>	357
		<i>Lecane</i> sp.	119
		<i>Monostyla</i> sp.	60
		<i>Notholca</i> sp.	2143
		<i>Synchaeta stylata</i>	1548
		<i>Trichocerca</i> sp.	179
		<i>Trichotria</i> sp.	179

02441000 TIBBEE CREEK NEAR TIBBEE, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 09	Cladocera	<i>Ceriodaphnia lacustris</i>	34
		<i>Diaphanosoma leuchtenbergianum</i>	405
		<i>Macrothrix laticornis</i>	34
		<i>Moina micrura</i>	1284
	Copepoda	Cyclopoid imm.	473
		<i>Mesocyclops edax</i>	34
		Nauplii	1453
		<i>Tropocyclops prasinus</i>	270
	Rotifera	<i>Asplanchna herricki</i>	68
		<i>Brachionus angularis</i>	1723
		<i>Brachionus bidentata</i>	1250
		<i>Brachionus budapestinensis</i>	541
		<i>Brachionus calyciflorus</i>	1250
		<i>Brachionus caudatus</i>	1959
		<i>Brachionus quadridentatus</i>	68
		<i>Brachionus urceolaris</i>	34
		<i>Cephalodella</i> sp.	34
		<i>Conochiloides</i> sp.	1115
		<i>Conochilus unicornis</i>	101
		<i>Keratella earlinae</i>	135
		<i>Platytias patulus</i>	743
		<i>Synchaeta stylata</i>	642
		<i>Trichocerca</i> sp.	101

333119088291435 TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 14	Cladocera	<i>Bosmina longirostris</i>	1344
		<i>Pleuroxus hamulatus</i>	96
	Copepoda	Calanoid imm.	960
		Cyclopoid imm.	1248
		<i>Cyclops vernalis</i>	96
		<i>Diaptomus pallidus</i>	96
		<i>Diaptomus reighardi</i>	288
		Nauplii	2400
	Rotifera	<i>Brachionus budapestinensis</i>	96
		<i>Brachionus calyciflorus</i>	96
		<i>Collotheca</i> sp.	96
		<i>Conochilus unicornis</i>	672
		<i>Kellicottia bostoniensis</i>	384
		<i>Keratella cochlearis</i>	480
		<i>Keratella crassa</i>	1440
		<i>Keratella earlinae</i>	4224
		<i>Polyarthra</i> sp.	5760
		<i>Synchaeta stylata</i>	2976

333119088291435 TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
FEB 05	Cladocera	<i>Bosmina longirostris</i>	8691
		<i>Daphnia retrocurva</i>	256
	Copepoda	Calanoid imm.	1278
		Cyclopoid imm.	5624
		<i>Diaptomus pallidus</i>	256
		<i>Diaptomus reighardi</i>	256
		Nauplii	36299
	Rotifera	<i>Asplanchna herricki</i>	256
		<i>Brachionus calyciflorus</i>	4857
		<i>Cephalodella</i> sp.	256
		<i>Collotheca</i> sp.	256
		<i>Epiphanes macrourus</i>	256
		<i>Keratella crassa</i>	1789
		<i>Keratella earlinae</i>	49080
		<i>Lecane</i> sp.	256
		<i>Polyarthra</i> sp.	6902
		<i>Synchaeta stylata</i>	7413

333119088291435 TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 20	Cladocera	<i>Bosmina longirostris</i>	5809
		<i>Daphnia galeata</i>	128
		<i>Daphnia retrocurva</i>	64
	Copepoda	Calanoid imm.	191
		Cyclopoid imm.	2936
		<i>Cyclops vernalis</i>	128
		<i>Diaptomus reighardi</i>	128
		<i>Eucyclops agilis</i>	191
		Nauplii	5489
	Rotifera	<i>Asplanchna herricki</i>	319
		<i>Brachionus calyciflorus</i>	191
		<i>Brachionus urceolaris</i>	319
		<i>Collotheca</i> sp.	702
		<i>Conochilus unicornis</i>	1596
		Contracted rotifera	1213
		<i>Kellicottia bostoniensis</i>	255
		<i>Keratella crassa</i>	64
		<i>Keratella earlinae</i>	9894
		<i>Keratella valga</i>	64
		<i>Platylabus patulus</i>	128
		<i>Synchaeta</i> sp.	830
		<i>Trichocerca</i> sp.	128

333119088291435 TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 09	Cladocera	<i>Bosmina longirostris</i>	13520
		<i>Diaphanosoma leuchtenbergianum</i>	15660
		<i>Holopedium gibberum</i>	710
		<i>Moina micrura</i>	12810
	Copepoda	Calanoid imm.	4270
		Cyclopoid imm.	12810
		<i>Diaptomus pallidus</i>	710
		<i>Mesocyclops edax</i>	7120
		Nauplii	107450
		<i>Tropocyclops prasinus</i>	710
	Rotifera	<i>Asplanchna herricki</i>	12810
		<i>Brachionus angularis</i>	2140
		<i>Brachionus budapestinensis</i>	2850
		<i>Brachionus calyciflorus</i>	7830
		<i>Brachionus caudatus</i>	12100
		<i>Conochiloides</i> sp.	4980
		<i>Conochilus unicornis</i>	3590
		<i>Keratella crassa</i>	1420
		<i>Keratella earlinae</i>	5690
		<i>Synchaeta stylata</i>	4260
		<i>Trichocerca</i> sp.	16370

02441391 TOMBIGBEE RIVER BELOW COLUMBUS L&D, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 15	Cladocera	<i>Bosmina longirostris</i>	7101
		<i>Ceriodaphnia lacustris</i>	1331
		<i>Daphnia galeata</i>	444
		<i>Daphnia retrocurva</i>	444
	Copepoda	Calanoid imm.	888
		Cyclopoid imm.	4216
		<i>Diaptomus reighardi</i>	444
		Nauplii	16864
		<i>Tropocyclops prasinus</i>	888
	Rotifera	<i>Brachionus angularis</i>	222
		<i>Collotheca</i> sp.	666
		<i>Conochilus unicornis</i>	10651
		<i>Hexarthra intermedia</i>	222
		<i>Kellicottia bostoniensis</i>	3772
		<i>Keratella cochlearis</i>	5769
		<i>Keratella crassa</i>	26183
		<i>Keratella earlinae</i>	49038
		<i>Lecane</i> sp.	222
		<i>Monostyla</i> sp.	222
		<i>Polyarthra</i> sp.	11538
		<i>Synchaeta stylata</i>	12204

02441391 TOMBIGBEE RIVER BELOW COLUMBUS L&D, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
FEB 05	Cladocera	<i>Bosmina longirostris</i>	67730
		<i>Chydorus</i> sp.	2270
	Copepoda	<i>Pleuroxus hamulatus</i>	1360
		Calanoid imm.	5460
		Cyclopoid imm.	27730
		<i>Cyclops bicuspidatus thomasi</i>	460
		<i>Cyclops vernalis</i>	910
		<i>Diaptomus reighardi</i>	1820
		Nauplii	120460
		<i>Tropocyclops prasinus</i>	460
	Rotifera	<i>Brachionus calyciflorus</i>	44090
		<i>Brachionus caudatus</i>	460
		<i>Conochilus unicornis</i>	460
		<i>Filinia longiseta</i>	910
		<i>Kellicottia bostoniensis</i>	910
		<i>Keratella cochlearis</i>	5460
		<i>Keratella crassa</i>	12270
		<i>Keratella earlinae</i>	102270
		<i>Polyarthra</i> sp.	3180
		<i>Synchaeta stylata</i>	16360

02441391 TOMBIGBEE RIVER BELOW COLUMBUS L&D, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 09	Cladocera	<i>Bosmina longirostris</i>	3712
		<i>Diaphanosoma leuchtenbergianum</i>	3480
		<i>Moina minuta</i>	1392
	Copepoda	Cyclopoid imm.	2552
		Nauplii	22506
		<i>Tropocyclops prasinus</i>	232
	Rotifera	<i>Asplanchna herricki</i>	1856
		<i>Brachionus angularis</i>	9281
		<i>Brachionus budapestinensis</i>	5104
		<i>Brachionus calyciflorus</i>	2320
		<i>Brachionus caudatus</i>	15777
		<i>Conochiloides</i> sp.	4408
		<i>Conochilus unicornis</i>	1160
		<i>Keratella cochlearis</i>	1160
		<i>Keratella crassa</i>	1160
		<i>Keratella earlinae</i>	4176
		<i>Platytia patulus</i>	232
		<i>Ploesoma truncata</i>	1160
		<i>Polyarthra</i> sp.	464
		<i>Synchaeta stylata</i>	1624
		<i>Trichocerca</i> sp.	5568

02441498 TOMBIGBEE RIVER (COL. BEND. 11B) AT COLUMBUS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 13	Cladocera	<i>Alona rectangula</i>	186
		<i>Bosmina longirostris</i>	3158
		<i>Ceriodaphnia lacustris</i>	1115
		<i>Diaphanosoma leuchtenbergianum</i>	372
		<i>Ilyocryptus spinifer</i>	186
		<i>Pleuroxus denticulatus</i>	186
	Copepoda	Calanoid imm.	372
		Cyclopoid imm.	3158
		<i>Cyclops vernalis</i>	186
		<i>Diaptomus reighardi</i>	372
		<i>Mesocyclops edax</i>	186
		Nauplii	13747
		<i>Tropocyclops prasinus</i>	186
	Rotifera	<i>Brachionus angularis</i>	186
		<i>Brachionus caudatus</i>	186
		<i>Collotheca</i> sp.	3715
		<i>Conochilus unicornis</i>	11890
		Contracted rotifera	557
		<i>Filinia longiseta</i>	743
		<i>Kellicottia bostoniensis</i>	7617
		<i>Keratella cochlearis</i>	13747
		<i>Keratella crassa</i>	12818
		<i>Keratella earlinae</i>	33254
		<i>Monostyla</i> sp.	186
		<i>Polyarthra</i> sp.	8546
		<i>Synchaeta stylata</i>	20435
		<i>Trichocerca</i> sp.	186

02441498 TOMBIGBEE RIVER (COL. BEND 11B) AT COLUMBUS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JAN 21	Cladocera	<i>Bosmina longirostris</i>	4390
		<i>Pleuroxus denticulatus</i>	370
	Copepoda	Calanoid imm.	370
		Cyclopoid imm.	6210
		<i>Cyclops vernalis</i>	1100
		<i>Diaptomus reighardi</i>	730
		Nauplii	36920
	Rotifera	<i>Asplanchna herricki</i>	370
		<i>Brachionus calyciflorus</i>	20470
		<i>Brachionus quadridentatus</i>	730
		<i>Cephalodella</i> sp.	370
		<i>Conochilus unicornis</i>	370
		<i>Keratella cochlearis</i>	1100
		<i>Keratella crassa</i>	5850
		<i>Keratella earlinae</i>	65790
		<i>Keratella valga</i>	1100
		<i>Ploesoma hudsoni</i>	370
		<i>Ploesoma truncata</i>	370
		<i>Polyarthra</i> sp.	36180
		<i>Synchaeta stylata</i>	163380
		<i>Trichotria</i> sp.	370

02441498 TOMBIGBEE RIVER (COL. BEND 11B) AT COLUMBUS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 24	Cladocera	<i>Bosmina longirostris</i>	1699
		<i>Chydorus</i> sp.	148
	Copepoda	Calanoid imm.	295
		Cyclopoid imm.	2363
		<i>Cyclops vernalis</i>	369
		<i>Diaptomus pallidus</i>	74
		<i>Diaptomus reighardi</i>	148
		<i>Eucyclops agilis</i>	148
		Nauplii	5022
	Rotifera	<i>Asplanchna herricki</i>	369
		<i>Brachionus angularis</i>	148
		<i>Brachionus calyciflorus</i>	148
		<i>Collotheca</i> sp.	1108
		<i>Conochiloides</i> sp.	74
		<i>Conochilus unicornis</i>	11743
		Contracted rotifera	222
		<i>Kellicottia bostoniensis</i>	148
		<i>Keratella earlinae</i>	39660
		<i>Platylas quadricornis</i>	148
		<i>Synchaeta stylata</i>	1625

02441498 TOMBIGBEE RIVER (COL. BEND 11B) AT COLUMBUS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 14	Cladocera	<i>Bosmina longirostris</i>	33
		<i>Daphnia retrocurva</i>	33
		<i>Diaphanosoma leuchtenbergianum</i>	33
	Copepoda	Cyclopoid imm.	98
		Nauplii	1338
	Rotifera	<i>Asplanchna herricki</i>	359
		<i>Brachionus angularis</i>	1795
		<i>Brachionus bidentata</i>	33
		<i>Brachionus budapestinensis</i>	1534
		<i>Brachionus calyciflorus</i>	326
		<i>Brachionus caudatus</i>	6691
		<i>Collotheca</i> sp.	33
		<i>Conochiloides</i> sp.	4112
		<i>Conochilus unicornis</i>	65
		Contracted rotifera	33
		<i>Keratella earlinae</i>	33
		<i>Lecane</i> sp.	33
		<i>Platytias patulus</i>	33
		<i>Platytias quadricornis</i>	33
		<i>Ploesoma truncata</i>	33
		<i>Synchaeta stylata</i>	261
		<i>Trichocerca</i> sp.	555

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 15	Cladocera	<i>Bosmina longirostris</i>	51
	Copepoda	<i>Calanoid</i> imm.	5
		<i>Cyclopoid</i> imm.	41
		<i>Cyclops vernalis</i>	5
		<i>Mesocyclops edax</i>	5
		Nauplii	87
	Rotifera	<i>Cephalodella</i> sp.	15
		Contracted rotifera	26
		<i>Kellicottia bostoniensis</i>	20
		<i>Kellicottia longispina</i>	20
		<i>Keratella cochlearis</i>	5
		<i>Keratella crassa</i>	26
		<i>Keratella earlinae</i>	87
		<i>Lecane</i> sp.	5
		<i>Monostyla</i> sp.	31
		<i>Synchaeta stylata</i>	10

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
FEB 06	Cladocera	<i>Chydorus</i> sp.	917
	Copepoda	Cyclopoid imm.	917
		Nauplii	3056
	Rotifera	<i>Notholca</i> sp.	611
		<i>Synchaeta stylata</i>	1222

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 09	Cladocera	<i>Bosmina longirostris</i>	1053
		<i>Diaphanosoma leuchtenbergianum</i>	790
	Copepoda	Cyclopoid imm.	421
		<i>Mesocyclops edax</i>	105
		Nauplii	3476
	Rotifera	<i>Brachionus angularis</i>	527
		<i>Brachionus budapestinensis</i>	474
		<i>Brachionus calyciflorus</i>	53
		<i>Brachionus caudatus</i>	1053
		<i>Conochilus unicornis</i>	105
		<i>Keratella crassa</i>	316
		<i>Keratella earlinae</i>	369
		<i>Ploesoma truncata</i>	53
		<i>Synchaeta stylata</i>	263
		<i>Trichocerca</i> sp.	211

02443610 TOMBIGBEE RIVER (PRATT CAMP 5HB) BELOW COLUMBUS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 13	Cladocera	<i>Bosmina longirostris</i>	90
		Calanoid imm.	60
		Cyclopoid imm.	150
		Nauplii	1019
	Rotifera	<i>Brachionus angularis</i>	30
		<i>Conochiloides</i> sp.	60
		<i>Conochilus unicornis</i>	839
		<i>Filinia longiseta</i>	60
		<i>Kellicottia bostoniensis</i>	180
		<i>Keratella cochlearis</i>	270
		<i>Keratella crassa</i>	1229
		<i>Keratella earlinae</i>	1619
		<i>Monostyla</i> sp.	30
		<i>Polyarthra</i> sp.	210
		<i>Synchaeta stylata</i>	929

02443610 TOMBIGBEE RIVER (PRATT CAMP 5HB) BELOW COLUMBUS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JAN 22	Cladocera	<i>Bosmina longirostris</i>	7530
	Copepoda	Cyclopoid imm.	6160
		<i>Cyclops vernalis</i>	690
		Nauplii	22600
	Rotifera	<i>Brachionus calyciflorus</i>	25340
		<i>Kellicottia bostoniensis</i>	690
		<i>Keratella cochlearis</i>	1370
		<i>Keratella crassa</i>	13700
		<i>Keratella earlinae</i>	45890
		<i>Polyarthra</i> sp.	39040
		<i>Synchaeta stylata</i>	225340

02443610 TOMBIGBEE RIVER (PRATT CAMP 5HB) BELOW COLUMBUS, MS
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 24	Cladocera	<i>Alona rectangula</i>	296
		<i>Bosmina longirostris</i>	9479
		<i>Chydorus</i> sp.	296
		<i>Holopedium gibberum</i>	296
	Copepoda	Calanoid imm.	296
		Cyclopoid imm.	592
		<i>Diaptomus pallidus</i>	296
		<i>Diaptomus reighardi</i>	296
		Nauplii	8590
	Rotifera	<i>Asplanchna herricki</i>	2666
		<i>Brachionus budapestinensis</i>	592
		<i>Brachionus calyciflorus</i>	2073
		<i>Brachionus quadridentatus</i>	592
		<i>Collotheca</i> sp.	1777
		<i>Conochilus unicornis</i>	12737
		Contracted rotifera	592
		<i>Filinia longiseta</i>	592
		<i>Kellicottia bostoniensis</i>	296
		<i>Keratella crassa</i>	296
		<i>Keratella earlinae</i>	21031
		<i>Polyarthra</i> sp.	592
		<i>Synchaeta stylata</i>	13329
		<i>Trichotria</i> sp.	296

02443610 TOMBIGBEE RIVER (PRATT CAMP 5HB) BELOW COLUMBUS, MS
TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 14	Cladocera	<i>Bosmina longirostris</i>	1761
		<i>Daphnia retrocurva</i>	220
		<i>Diaphanosoma leuchtenbergianum</i>	12544
		<i>Moina micrura</i>	1540
	Copepoda	Calanoid imm.	1761
		Cyclopoid imm.	5942
		<i>Mesocyclops edax</i>	440
		Nauplii	60739
		<i>Tropocyclops prasinus</i>	1100
	Rotifera	<i>Asplanchna herricki</i>	2421
		<i>Brachionus angularis</i>	23768
		<i>Brachionus bidentata</i>	220
		<i>Brachionus budapestinensis</i>	1100
		<i>Brachionus calyciflorus</i>	6162
		<i>Brachionus caudatus</i>	15845
		<i>Cephalodella</i> sp.	220
		<i>Conochiloides</i> sp.	22007
		<i>Conochilus unicornis</i>	2421
		<i>Keratella earlinae</i>	220
		<i>Synchaeta stylata</i>	1320
		<i>Trichocerca</i> sp.	880

02444158 TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 14	Cladocera	<i>Alona rectangula</i>	277
		<i>Bosmina longirostris</i>	5531
		<i>Ceriodaphnia lacustris</i>	1106
		<i>Ilyocryptus spinifer</i>	277
	Copepoda	Calanoid imm.	277
		Cyclopoid imm.	6084
		<i>Cyclops vernalis</i>	553
		<i>Diaptomus reighardi</i>	553
		Nauplii	25996
	Rotifera	<i>Brachionus angularis</i>	277
		<i>Collotheca</i> sp.	9126
		<i>Conochiloides</i> sp.	553
		<i>Conochilus unicornis</i>	87666
		Contracted rotifera	553
		<i>Filinia longiseta</i>	553
		<i>Kellicottia bostoniensis</i>	11892
		<i>Keratella cochlearis</i>	7743
		<i>Keratella crassa</i>	25166
		<i>Keratella earlinae</i>	84347
		<i>Polyarthra</i> sp.	6084
		<i>Rotaria neptunia</i>	277
		<i>Synchaeta stylata</i>	16869

02444158 TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JAN 22	Cladocera	<i>Bosmina longirostris</i>	7580
	Copepoda	Calanoid imm.	360
		Cyclopoid imm.	1440
		<i>Cyclops vernalis</i>	360
		Nauplii	12270
	Rotifera	<i>Brachionus calyciflorus</i>	27420
		<i>Conochilus unicornis</i>	1800
		<i>Keratella cochlearis</i>	1800
		<i>Keratella crassa</i>	10100
		<i>Keratella earlinae</i>	42570
		<i>Polyarthra</i> sp.	24890
		<i>Synchaeta stylata</i>	133840
		<i>Trichotria</i> sp.	720

02444158 TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 24	Cladocera	<i>Bosmina longirostris</i>	4895
		<i>Daphnia</i> imm.	79
		<i>Daphnia retrocurva</i>	39
	Copepoda	Calanoid imm.	237
		Cyclopoid imm.	1697
		<i>Cyclops bicuspidatus thomasi</i>	39
		<i>Cyclops vernalis</i>	39
		<i>Diaptomus reighardi</i>	39
		Nauplii	4342
	Rotifera	<i>Asplanchna herricki</i>	79
		<i>Brachionus calyciflorus</i>	237
		<i>Brachionus urceolaris</i>	197
		<i>Collotheca</i> sp.	513
		<i>Conochiloides</i> sp.	1145
		<i>Conochilus unicornis</i>	2171
		<i>Epiphanes macrourus</i>	237
		<i>Filinia longiseta</i>	118
		<i>Kellicottia bostoniensis</i>	276
		<i>Keratella earlinae</i>	31658
		<i>Keratella valga</i>	79
		<i>Rotaria neptunia</i>	79
		<i>Synchaeta stylata</i>	355

02444158 TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 15	Cladocera	<i>Bosmina longirostris</i>	244
		<i>Ceriodaphnia lacustris</i>	6596
		<i>Daphnia retrocurva</i>	489
		<i>Diaphanosoma leuchtenbergianum</i>	11726
		<i>Moina</i> imm.	244
		<i>Moina micrura</i>	1466
	Copepoda	Calanoid imm.	489
		Cyclopoid imm.	6107
		<i>Cyclops vernalis</i>	489
		<i>Mesocyclops edax</i>	977
		Nauplii	62785
		<i>Tropocyclops prasinus</i>	489
	Rotifera	<i>Asplanchna herricki</i>	244
		<i>Brachionus angularis</i>	12948
		<i>Brachionus budapestinensis</i>	489
		<i>Brachionus calyciflorus</i>	977
		<i>Brachionus caudatus</i>	14902
		<i>Conochiloides</i> sp.	11971
		<i>Conochilus unicornis</i>	1954
		<i>Platylas patulus</i>	244
		<i>Ploesoma truncata</i>	489
		<i>Polyarthra</i> sp.	733
		<i>Trichocerca</i> sp.	733

02444161 TOMBIGBEE RIVER BELOW ALICEVILLE, L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 14	Cladocera	<i>Alona rectangula</i>	323
		<i>Bosmina longirostris</i>	1452
	Copepoda	Calanoid imm.	323
		Cyclopoid imm.	1452
		<i>Diaptomus reighardi</i>	161
		Nauplii	2419
	Rotifera	<i>Collotheca</i> sp.	1129
		<i>Conochilus unicornis</i>	26935
		Contracted rotifera	645
		<i>Kellicottia bostoniensis</i>	806
		<i>Keratella cochlearis</i>	5968
		<i>Keratella crassa</i>	2742
		<i>Keratella earlinae</i>	17742
		<i>Lecane</i> sp.	161
		<i>Monostyla</i> sp.	161
		<i>Polyarthra</i> sp.	1774
		<i>Synchaeta stylata</i>	2742

02444161 TOMBIGBEE RIVER BELOW ALICEVILLE, L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JAN 22	Cladocera	<i>Bosmina longirostris</i>	904
		<i>Calanoid</i> imm.	136
	Copepoda	<i>Cyclopoid</i> imm.	633
		<i>Diaptomus pallidus</i>	45
		<i>Diaptomus reighardi</i>	136
		Nauplii	4247
	Rotifera	<i>Brachionus calyciflorus</i>	2937
		<i>Conochiloides</i> sp.	45
		<i>Conochilus unicornis</i>	45
		<i>Kellicottia bostoniensis</i>	136
		<i>Keratella crassa</i>	1130
		<i>Keratella earlinae</i>	8584
		<i>Polyarthra</i> sp.	949
		<i>Synchaeta stylata</i>	23268
		<i>Trichotria</i> sp.	45

02444161 TOMBIGBEE RIVER BELOW ALICEVILLE, L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 25	Cladocera	<i>Bosmina longirostris</i>	4321
		<i>Daphnia retrocurva</i>	62
	Copepoda	Cyclopoid imm.	802
		<i>Cyclops vernalis</i>	123
		<i>Diaptomus reighardi</i>	62
		Nauplii	1296
		<i>Tropocyclops prasinus</i>	62
	Rotifera	<i>Asplanchna herricki</i>	123
		<i>Brachionus angularis</i>	185
		<i>Brachionus calyciflorus</i>	123
		<i>Collotheca</i> sp.	1358
		<i>Conochiloides</i> sp.	432
		<i>Conochilus unicornis</i>	13025
		<i>Kellicottia bostoniensis</i>	802
		<i>Keratella crassa</i>	370
		<i>Keratella earlinae</i>	18210
		<i>Keratella valga</i>	62
		<i>Rotaria neptunia</i>	123
		<i>Synchaeta stylata</i>	2963

02444161 TOMBIGBEE RIVER BELOW ALICEVILLE, L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 15	Cladocera	<i>Bosmina longirostris</i>	10000
		<i>Ceriodaphnia lacustris</i>	3158
		<i>Daphnia retrocurva</i>	3684
		<i>Diaphanosoma leuchtenbergianum</i>	22105
		<i>Macrothrix laticornis</i>	526
		<i>Moina micrura</i>	1579
	Copepoda	Calanoid imm.	3684
		Cyclopoid imm.	14737
		<i>Cyclops vernalis</i>	1579
		<i>Mesocyclops edax</i>	3158
		Nauplii	83158
		<i>Tropocyclops prasinus</i>	1579
	Rotifera	<i>Asplanchna herricki</i>	526
		<i>Brachionus angularis</i>	30000
		<i>Brachionus budapestinensis</i>	526
		<i>Brachionus calyciflorus</i>	3684
		<i>Brachionus caudatus</i>	13158
		<i>Conochiloides</i> sp.	24211
		<i>Conochilus unicornis</i>	1053
		<i>Ploesoma truncata</i>	526
		<i>Synchaeta stylata</i>	1053

02444210 TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 14	Cladocera	<i>Bosmina longirostris</i>	1674
	Copepoda	Cyclopoid imm.	1228
		Nauplii	8371
	Rotifera	<i>Asplanchna herricki</i>	1116
		<i>Brachionus angularis</i>	4129
		<i>Brachionus calyciflorus</i>	112
		<i>Brachionus caudatus</i>	112
		<i>Collotheca</i> sp.	112
		<i>Conochilus unicornis</i>	18415
		<i>Filinia longiseta</i>	112
		<i>Keratella cochlearis</i>	112
		<i>Keratella crassa</i>	335
		<i>Keratella earlinae</i>	3348
		<i>Ploesoma hudsoni</i>	112
		<i>Polyarthra</i> sp.	112
		<i>Synchaeta stylata</i>	2344

02444210 TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JAN 22	Copepoda	Cyclopoid imm.	479
		Nauplii	9579
	Rotifera	<i>Brachionus calyciflorus</i>	6705
		<i>Keratella cochlearis</i>	479
		<i>Keratella crassa</i>	1437
		<i>Keratella earlinae</i>	7184
		<i>Lecane</i> sp.	479
		<i>Monostyla</i> sp.	479
		<i>Polyarthra</i> sp.	479
		<i>Synchaeta stylata</i>	25862

02444210 TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 25	Cladocera	<i>Bosmina longirostris</i>	1323
		<i>Chydorus</i> sp.	1536
	Copepoda	Calanoid imm.	128
		Cyclopoid imm.	811
		<i>Cyclops bicuspidatus thomasi</i>	43
		<i>Cyclops vernalis</i>	128
		<i>Diaptomus pallidus</i>	43
		<i>Eucyclops agilis</i>	299
		<i>Mesocyclops edax</i>	43
		Nauplii	2560
	Rotifera	<i>Asplanchna herricki</i>	43
		<i>Brachionus urceolaris</i>	128
		<i>Conochilus unicornis</i>	128
		<i>Kellicottia bostoniensis</i>	213
		<i>Keratella earlinae</i>	299
		<i>Lecane</i> sp.	43
		<i>Platytias patulus</i>	128
		<i>Rotaria neptunia</i>	299
		<i>Synchaeta stylata</i>	256
		<i>Trichotria</i> sp.	43

02444210 TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 15	Cladocera	<i>Bosmina longirostris</i>	7350
		<i>Diaphanosoma leuchtenbergianum</i>	13780
	Copepoda	<i>Moina micrura</i>	4590
		Calanoid imm.	920
		Cyclopoid imm.	4590
		<i>Diaptomus pallidus</i>	920
		Nauplii	41330
	Rotifera	<i>Asplanchna herricki</i>	2760
		<i>Brachionus angularis</i>	151530
		<i>Brachionus budapestinensis</i>	920
		<i>Brachionus calyciflorus</i>	9180
		<i>Brachionus caudatus</i>	151530
		<i>Conochiloides</i> sp.	37650
		<i>Filinia longiseta</i>	920
		<i>Polyarthra</i> sp.	2760
		<i>Synchaeta stylata</i>	8270
		<i>Trichocerca</i> sp.	1840

02446500 SIPSEY RIVER NEAR ELROD, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 18	Cladocera	<i>Alona rectangula</i>	52
		<i>Bosmina longirostris</i>	103
		<i>Pleuroxus denticulatus</i>	52
	Copepoda	<i>Cyclopoid</i> imm.	52
		Nauplii	517
	Rotifera	<i>Cephalodella</i> sp.	52
		Contracted rotifera	52
		<i>Monostyla</i> sp.	207

02446500 SIPSEY RIVER NEAR ELROD, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JAN 21	Cladocera	<i>Bosmina longirostris</i>	281
	Copepoda	Nauplii	2079
	Rotifera	<i>Cephalodella</i> sp.	225
		<i>Kellicottia bostoniensis</i>	56
		<i>Keratella cochlearis</i>	112
		<i>Keratella crassa</i>	337
		<i>Keratella earlinae</i>	1011
		<i>Monostyla</i> sp.	281
		<i>Platylas patulus</i>	56
		<i>Polyarthra</i> sp.	169
		<i>Synchaeta stylata</i>	169

02446500 SIPSEY RIVER NEAR ELROD,AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 27	Cladocera	<i>Bosmina longirostris</i>	96
		<i>Ceriodaphnia lacustris</i>	32
		<i>Chydorus</i> sp.	48
		<i>Eurycercus</i> sp.	16
	Copepoda	Calanoid imm.	16
		Cyclopoid imm.	209
		<i>Cyclops vernalis</i>	16
		Nauplii	530
	Rotifera	<i>Brachionus angularis</i>	48
		<i>Brachionus calyciflorus</i>	32
		<i>Brachionus urceolaris</i>	32
		<i>Cephalodella</i> sp.	16
		<i>Conochiloides</i> sp.	32
		<i>Conochilus unicornis</i>	48
		Contracted rotifera	16
		<i>Kellicottia bostoniensis</i>	32
		<i>Keratella earlinae</i>	144
		<i>Platyias patulus</i>	32
		<i>Platyias quadricornis</i>	16
		<i>Synchaeta stylata</i>	96

02446500 SIPSEY RIVER NEAR ELROD,AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 17	Cladocera	<i>Bosmina longirostris</i>	180
		<i>Daphnia retrocurva</i>	1799
		<i>Diaphanosoma leuchtenbergianum</i>	989
	Copepoda	Cyclopoid imm.	1349
		<i>Cyclops vernalis</i>	809
		<i>Diaptomus pallidus</i>	270
		<i>Diaptomus reighardi</i>	360
		Harpacticoid imm.	90
		Nauplii	32014
	Rotifera	<i>Brachionus angularis</i>	629
		<i>Epiphanes macrourus</i>	3417
		<i>Kellicottia longispina</i>	1619
		<i>Keratella earlinae</i>	270
		<i>Platylas patulus</i>	90
		<i>Platylas quadricornis</i>	90
		<i>Synchaeta stylata</i>	270

02447010 TOMBIGBEE RIVER (COOKS BEND) NEAR WARSAW, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 15	Cladocera	<i>Bosmina longirostris</i>	2063
		<i>Ceriodaphnia lacustris</i>	206
	Copepoda	Cyclopoid imm.	619
		Nauplii	5157
	Rotifera	<i>Asplanchna herricki</i>	413
		<i>Collotheca</i> sp.	4744
		<i>Conochiloides</i> sp.	413
		<i>Conochilus unicornis</i>	57137
		Contracted rotifera	619
		<i>Filinia longiseta</i>	413
		<i>Kellicottia bostoniensis</i>	6188
		<i>Keratella cochlearis</i>	61881
		<i>Keratella crassa</i>	19596
		<i>Keratella earlinae</i>	65594
		<i>Keratella quadrata</i>	206
		<i>Monostyla</i> sp.	825
		<i>Ploesoma hudsoni</i>	1031
		<i>Ploesoma truncata</i>	206
		<i>Polyarthra</i> sp.	2269
		<i>Synchaeta stylata</i>	19389
		<i>Trichocerca</i> sp.	825

02447010 TOMBIGBEE RIVER (COOKS BEND) NEAR WARSAW, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JAN 23	Cladocera	<i>Bosmina longirostris</i>	2210
		<i>Diaphanosoma leuchtenbergianum</i>	370
	Copepoda	Calanoid imm.	740
		Cyclopoid imm.	5880
		<i>Cyclops bicuspidatus thomasi</i>	1100
		Nauplii	50740
	Rotifera	<i>Brachionus budapestinensis</i>	740
		<i>Brachionus calyciflorus</i>	31620
		<i>Keratella crassa</i>	5880
		<i>Keratella earlinae</i>	88240
		<i>Polyarthra</i> sp.	8460
		<i>Synchaeta stylata</i>	139710

02447010 TOMBIGBEE RIVER (COOKS BEND) NEAR WARSAW, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 25	Cladocera	<i>Bosmina longirostris</i>	2188
		<i>Chydorus</i> sp.	24
		<i>Ilyocryptus spinifer</i>	24
		<i>Pleuroxus hamulatus</i>	48
	Copepoda	Calanoid imm.	71
		Cyclopoid imm.	1142
		<i>Cyclops bicuspidatus thomasi</i>	48
		<i>Cyclops vernalis</i>	71
		<i>Diaptomus pallidus</i>	24
		<i>Diaptomus reighardi</i>	71
		<i>Eucyclops agilis</i>	24
		Nauplii	2355
	Rotifera	<i>Asplanchna herricki</i>	143
		<i>Brachionus calyciflorus</i>	71
		<i>Brachionus urceolaris</i>	119
		<i>Collotheca</i> sp.	737
		<i>Conochiloides</i> sp.	333
		<i>Conochilus unicornis</i>	5971
		Contracted rotifera	48
		<i>Kellicottia bostoniensis</i>	262
		<i>Keratella earlinae</i>	12298
		<i>Keratella valga</i>	48
		<i>Platyias patulus</i>	71
		<i>Synchaeta stylata</i>	737
		<i>Trichotria</i> sp.	143

02447010 TOMBIGBEE RIVER (COOKS BEND) NEAR WARSAW, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 16	Cladocera	<i>Bosmina longirostris</i>	5188
		<i>Ceriodaphnia lacustris</i>	3591
		<i>Daphnia retrocurva</i>	399
		<i>Diaphanosoma leuchtenbergianum</i>	13567
		<i>Moina</i> imm.	399
	Copepoda	Calanoid imm.	399
		Cyclopoid imm.	28332
		<i>Cyclops vernalis</i>	1995
		<i>Ergasilus</i> sp.	798
		<i>Mesocyclops edax</i>	3192
		Nauplii	54669
		<i>Tropocyclops prasinus</i>	1197
	Rotifera	<i>Asplanchna herricki</i>	399
		<i>Brachionus angularis</i>	15164
		<i>Brachionus budapestinensis</i>	2394
		<i>Brachionus caudatus</i>	4789
		<i>Conochiloides</i> sp.	6385
		<i>Keratella quadrata</i>	399
		<i>Platylas patulus</i>	399
		<i>Ploesoma truncata</i>	399
		<i>Polyarthra</i> sp.	399
		<i>Synchaeta stylata</i>	1197
		<i>Trichocerca</i> sp.	399

02447020 TOMBIGBEE RIVER ABOVE GAINESVILLE L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 15	Cladocera	<i>Bosmina longirostris</i>	10793
		<i>Ceriodaphnia lacustris</i>	875
	Copepoda	Calanoid imm.	583
		Cyclopoid imm.	2917
		<i>Mesocyclops edax</i>	292
		Nauplii	6709
	Rotifera	<i>Asplanchna herricki</i>	1459
		<i>Brachionus caudatus</i>	292
		<i>Collotheca</i> sp.	5543
		<i>Conochilus unicornis</i>	58635
		<i>Kellicottia bostoniensis</i>	2917
		<i>Keratella cochlearis</i>	77013
		<i>Keratella crassa</i>	22754
		<i>Keratella earlinae</i>	65053
		<i>Platyias patulus</i>	292
		<i>Ploesoma hudsoni</i>	292
		<i>Ploesoma truncata</i>	1459
		<i>Polyarthra</i> sp.	14586
		<i>Synchaeta</i> sp.	89848
		<i>Trichocerca</i> sp.	1167

02447020 TOMBIGBEE RIVER ABOVE GAINESVILLE L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JAN 23	Cladocera	<i>Bosmina longirostris</i>	21130
		<i>Ceriodaphnia lacustris</i>	520
		<i>Daphnia retrocurva</i>	520
	Copepoda	Calanoid imm.	4120
		Cyclopoid imm.	34540
		<i>Cyclops vernalis</i>	520
		<i>Diaptomus reighardi</i>	520
		Nauplii	128870
		<i>Tropocyclops prasinus</i>	520
	Rotifera	<i>Asplanchna herricki</i>	1030
		<i>Brachionus budapestinensis</i>	520
		<i>Brachionus calyciflorus</i>	44850
		<i>Brachionus caudatus</i>	1550
		<i>Conochilus unicornis</i>	3090
		<i>Kellicottia bostoniensis</i>	520
		<i>Keratella cochlearis</i>	9280
		<i>Keratella crassa</i>	31960
		<i>Keratella earlinae</i>	232470
		<i>Polyarthra</i> sp.	12370
		<i>Synchaeta stylata</i>	109280

02447020 TOMBIGBEE RIVER ABOVE GAINESVILLE L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 26	Cladocera	<i>Bosmina longirostris</i>	6231
		<i>Chydorus</i> sp.	406
	Copepoda	Calanoid imm.	135
		Cyclopoid imm.	813
		<i>Cyclops bicuspidatus thomasi</i>	135
		Nauplii	8669
	Rotifera	<i>Brachionus calyciflorus</i>	135
		<i>Brachionus urceolaris</i>	135
		<i>Collotheca</i> sp.	1219
		<i>Conochiloides</i> sp.	1354
		<i>Conochilus unicornis</i>	21943
		Contracted rotifera	135
		<i>Kellicottia bostoniensis</i>	948
		<i>Keratella earlinae</i>	19369
		<i>Keratella valga</i>	271
		<i>Synchaeta stylata</i>	6366
		<i>Trichocerca</i> sp.	135

02447020 TOMBIGBEE RIVER ABOVE GAINESVILLE L&D, AL
TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 16	Cladocera	<i>Bosmina longirostris</i>	6422
		<i>Ceriodaphnia lacustris</i>	43233
		<i>Daphnia parvula</i>	157
		<i>Daphnia retrocurva</i>	313
		<i>Diaphanosoma leuchtenbergianum</i>	4856
		<i>Moina micrura</i>	157
	Copepoda	Calanoid imm.	1566
		Cyclopoid imm.	25689
		<i>Cyclops vernalis</i>	157
		<i>Diaptomus pallidus</i>	313
		<i>Diaptomus reighardi</i>	313
		<i>Mesocyclops edax</i>	4543
		Nauplii	54825
		<i>Tropocyclops prasinus</i>	1566
	Rotifera	<i>Brachionus angularis</i>	313
		<i>Brachionus caudatus</i>	157
		<i>Conochiloides</i> sp.	940
		<i>Conochilus unicornis</i>	157
		<i>Filinia longiseta</i>	157
		<i>Trichocerca</i> sp.	157

02448500 NOXUBEE RIVER NEAR GEIGER, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 18	Cladocera	<i>Bosmina longirostris</i>	104
		<i>Daphnia retrocurva</i>	104
	Copepoda	<i>Cyclopoid</i> imm.	208
		<i>Cyclops vernalis</i>	52
		<i>Mesocyclops edax</i>	52
	Rotifera	<i>Asplanchna herricki</i>	52
		<i>Brachionus angularis</i>	104
		<i>Conochilus unicornis</i>	52
		<i>Keratella earlinae</i>	52

02448500 NOXUBEE RIVER NEAR GEIGER, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JAN 22	Cladocera	<i>Bosmina longirostris</i>	119
		<i>Pleuroxus denticulatus</i>	40
	Copepoda	Cyclopoid imm.	119
		<i>Diaptomus reighardi</i>	198
		Nauplii	3333
	Rotifera	<i>Asplanchna herricki</i>	40
		<i>Brachionus angularis</i>	40
		<i>Brachionus budapestinensis</i>	119
		<i>Brachionus calyciflorus</i>	1270
		<i>Cephalodella</i> sp.	79
		<i>Keratella cochlearis</i>	40
		<i>Keratella crassa</i>	119
		<i>Keratella earlinae</i>	1190
		<i>Keratella valga</i>	1230
		<i>Polyarthra</i> sp.	79
		<i>Synchaeta</i> sp.	40

02448500 NOXUBEE RIVER NEAR GEIGER, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 15	Cladocera	<i>Bosmina longirostris</i>	25
		<i>Diaphanosoma leuchtenbergianum</i>	11
		<i>Ilyocryptus</i> imm.	36
		<i>Ilyocryptus spinifer</i>	4
	Copepoda	Calanoid imm.	7
		Cyclopoid imm.	55
		<i>Cyclops vernalis</i>	7
		Nauplii	222
	Rotifera	<i>Brachionus angularis</i>	76
		<i>Brachionus budapestinensis</i>	44
		<i>Brachionus caudatus</i>	124
		<i>Brachionus quadridentatus</i>	55
		<i>Keratella earlinae</i>	11
		<i>Platyias patulus</i>	11
		<i>Trichocerca</i> sp.	4

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 15	Cladocera	<i>Bosmina longirostris</i>	7083
		<i>Ceriodaphnia lacustris</i>	313
	Copepoda	Calanoid imm.	208
		Cyclopoid imm.	1563
		<i>Cyclops vernalis</i>	313
		<i>Diaptomus reighardi</i>	104
		Nauplii	5000
	Rotifera	<i>Asplanchna amphora</i>	208
		<i>Asplanchna herricki</i>	313
		<i>Brachionus angularis</i>	313
		<i>Brachionus budapestinensis</i>	417
		<i>Brachionus calyciflorus</i>	208
		<i>Brachionus caudatus</i>	104
		<i>Cephalodella</i> sp.	104
		<i>Collotheca</i> sp.	1458
		<i>Conochiloides</i> sp.	208
		<i>Conochilus unicornis</i>	33125
		<i>Hexarthra intermedia</i>	208
		<i>Kellicottia bostoniensis</i>	3229
		<i>Keratella cochlearis</i>	5833
		<i>Keratella crassa</i>	9688
		<i>Keratella earlinae</i>	52188
		<i>Keratella quadrata</i>	104
		<i>Ploesoma hudsoni</i>	104
		<i>Ploesoma truncata</i>	104
		<i>Polyarthra</i> sp.	13438
		<i>Synchaeta stylata</i>	4271

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JAN 23	Cladocera	<i>Bosmina longirostris</i>	1466
	Copepoda	Calanoid imm.	140
		Cyclopoid imm.	2025
		<i>Cyclops vernalis</i>	70
		<i>Diaptomus pallidus</i>	140
		<i>Diaptomus reighardi</i>	209
		Nauplii	4749
	Rotifera	<i>Brachionus calyciflorus</i>	5168
		<i>Brachionus caudatus</i>	70
		<i>Conochilus unicornis</i>	209
		<i>Kellicottia bostoniensis</i>	140
		<i>Keratella crassa</i>	1466
		<i>Keratella earlinae</i>	19274
		<i>Synchaeta stylata</i>	5447

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 26	Cladocera	<i>Bosmina longirostris</i>	1807
		<i>Chydorus</i> sp.	339
		<i>Daphnia retrocurva</i>	38
	Copepoda	Calanoid imm.	113
		Cyclopoid imm.	301
		<i>Cyclops vernalis</i>	113
		<i>Diaptomus reighardi</i>	188
		Nauplii	3012
	Rotifera	<i>Asplanchna herricki</i>	75
		<i>Brachionus angularis</i>	38
		<i>Brachionus calyciflorus</i>	188
		<i>Collotheca</i> sp.	188
		<i>Conochilus unicornis</i>	452
		<i>Filinia longiseta</i>	151
		<i>Kellicottia bostoniensis</i>	151
		<i>Keratella crassa</i>	75
		<i>Keratella earlinae</i>	4631
		<i>Rotaria neptunia</i>	113
		<i>Synchaeta stylata</i>	1054
		<i>Trichocerca</i> sp.	151

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 16	Cladocera	<i>Bosmina longirostris</i>	3689
		<i>Ceriodaphnia lacustris</i>	4918
		<i>Diaphanosoma leuchtenbergianum</i>	3381
	Copepoda	Calanoid imm.	768
		Cyclopoid imm.	9221
		<i>Mesocyclops edax</i>	922
		Nauplii	54406
		<i>Tropocyclops prasinus</i>	2613
	Rotifera	<i>Asplanchna herricki</i>	461
		<i>Brachionus angularis</i>	10605
		<i>Brachionus budapestinensis</i>	1691
		<i>Brachionus calyciflorus</i>	1076
		<i>Brachionus caudatus</i>	23207
		<i>Conochiloides</i> sp.	6762
		<i>Platylabus patulus</i>	461
		<i>Ploesoma truncata</i>	154
		<i>Polyarthra</i> sp.	768
		<i>Trichocerca</i> sp.	1076

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02466998 TOMBIGBEE RIVER ABOVE DEMOPOLIS L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1985

DATE	GROUP	TAXON	NUMBER/M ³
NOV 19	Cladocera	<i>Bosmina longirostris</i>	7065
		<i>Ceriodaphnia lacustris</i>	912
	Copepoda	Calanoid imm.	228
		Cyclopoid imm.	2963
		<i>Diaptomus reighardi</i>	228
		Nauplii	5242
	Rotifera	<i>Asplanchna herricki</i>	228
		<i>Brachionus angularis</i>	228
		<i>Brachionus calyciflorus</i>	5242
		<i>Brachionus caudatus</i>	456
		<i>Brachionus quadridentatus</i>	228
		<i>Collotheca</i> sp.	912
		<i>Conochilus unicornis</i>	5697
		<i>Kellicottia bostoniensis</i>	1367
		<i>Keratella cochlearis</i>	11851
		<i>Keratella crassa</i>	9572
		<i>Keratella earlinae</i>	30082
		<i>Ploesoma hudsoni</i>	228
		<i>Ploesoma truncata</i>	1367
		<i>Polyarthra</i> sp.	17776
		<i>Synchaeta stylata</i>	40337

02466998 TOMBIGBEE RIVER ABOVE DEMOPOLIS L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
MAR 26	Cladocera	<i>Bosmina longirostris</i>	4697
		<i>Chydorus</i> sp.	546
		<i>Pleuroxus hamulatus</i>	218
	Copepoda	Cyclopoid imm.	546
		Nauplii	2512
	Rotifera	<i>Asplanchna herricki</i>	437
		<i>Brachionus calyciflorus</i>	2949
		<i>Collotheca</i> sp.	4697
		<i>Conochiloides</i> sp.	109
		<i>Conochilus unicornis</i>	10923
		<i>Kellicottia bostoniensis</i>	328
		<i>Keratella cochlearis</i>	3168
		<i>Keratella crassa</i>	4260
		<i>Keratella earlinae</i>	35281
		<i>Keratella valga</i>	109
		<i>Polyarthra</i> sp.	109
		<i>Synchaeta stylata</i>	3058

02466998 TOMBIGBEE RIVER ABOVE DEMOPOLIS L&D, AL
 TENNESSEE-TOMBIGBEE ZOOPLANKTON DATA 1986

DATE	GROUP	TAXON	NUMBER/M ³
JUL 17	Cladocera	<i>Bosmina longirostris</i>	23250
		<i>Ceriodaphnia lacustris</i>	322990
		<i>Diaphanosoma leuchtenbergianum</i>	25230
		<i>Moina</i> imm.	990
		<i>Moina micrura</i>	1480
	Copepoda	Calanoid imm.	500
		Cyclopoid imm.	3460
		<i>Cyclops vernalis</i>	500
		<i>Diaptomus reighardi</i>	1480
		<i>Mesocyclops edax</i>	6930
		Nauplii	32150
	Rotifera	<i>Brachionus angularis</i>	990
		<i>Brachionus budapestinensis</i>	1980
		<i>Brachionus calyciflorus</i>	1980
		<i>Brachionus caudatus</i>	500
		<i>Conochiloides</i> sp.	500
		<i>Polyarthra</i> sp.	500
		<i>Trichocerca</i> sp.	500

03592824 TENN-TOM WATERWAY AT CROSS ROADS, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 17	10	1	<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	218
			<i>Hexagenia bilineata</i>	127
			<i>Procladius</i> sp.	36
		2	<i>Ablabesmyia</i> sp.	18
			<i>Coelotanypus</i> sp.	109
			<i>Hexagenia bilineata</i>	109
			<i>Procladius</i> sp.	73
		3	<i>Ablabesmyia</i> sp.	18
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	127
			<i>Coelotanypus</i> sp.	218
			<i>Corbicula manilensis</i>	36
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia bilineata</i>	54
	50	1	<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	18
			<i>Corbicula manilensis</i>	36
			<i>Hexagenia bilineata</i>	18
			<i>Procladius</i> sp.	18
			Tubificidae	18
		2	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	36
			Chironomidae	18
			<i>Coelotanypus</i> sp.	54
			<i>Hexagenia bilineata</i>	18
			Tubificidae	18
		3	<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	36
			<i>Hexagenia bilineata</i>	18

03592824

TENN-TOM WATERWAY AT CROSS ROADS, MS - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 17	90	1	<i>Chaoborus</i> sp.	73
			<i>Coelotanypus</i> sp.	18
			<i>Paracladopelma</i> sp.	36
		2	<i>Procladius</i> sp.	109
			<i>Sphaerium</i> sp.	18
			<i>Ablabesmyia</i> sp.	18
			<i>Branchiura sowerbyi</i>	36
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	54
			<i>Chironomus</i> sp.	36
			<i>Coelotanypus</i> sp.	36
			<i>Corbicula manilensis</i>	36
			<i>Cryptochironomus</i> sp.	18
			<i>Dicrotendipes</i> sp.	18
			<i>Glyptotendipes</i> sp.	36
			<i>Hexagenia bilineata</i>	18
			<i>Procladius</i> sp.	54
			Tubificidae	18
		3	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	109
			<i>Coelotanypus</i> sp.	308
			<i>Cryptochironomus</i> sp.	36
			<i>Hexagenia bilineata</i>	18
			<i>Procladius</i> sp.	145

03592824 TENN-TOM WATERWAY AT CROSS ROADS, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 07	25	1	<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	18
			Chironomidae	18
			Oligochaeta	36
			<i>Procladius</i> sp.	18
			Tubificidae	36
		2	<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	181
			Chironomidae	54
			<i>Coelotanypus</i> sp.	91
			<i>Procladius</i> sp.	54
		3	<i>Ablabesmyia</i> sp.	36
			<i>Branchiura sowerbyi</i>	91
			<i>Chaoborus</i> sp.	199
			<i>Coelotanypus</i> sp.	91
			<i>Oecetis</i> sp.	18
			Oligochaeta	54
			Tubificidae	54
	50	1	<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	54
			Chironomidae	18
			<i>Cryptochironomus</i> sp.	36
			Oligochaeta	36
			Tubificidae	54
		2	Chironomidae	18
		3	Chironomidae	18
		1	<i>Coelotanypus</i> sp.	18
			<i>Ablabesmyia</i> sp.	36
			<i>Branchiura sowerbyi</i>	36
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	36
			<i>Hexagenia</i> sp.	145
			<i>Procladius</i> sp.	18
		2	<i>Branchiura sowerbyi</i>	36
			<i>Chaoborus</i> sp.	36
			Chironomidae	18
		3	<i>Chaoborus</i> sp.	54
			<i>Coelotanypus</i> sp.	54
			<i>Corbicula</i> sp.	18
			Tubificidae	54

343140088192235 TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 17	10	1	<i>Chaoborus</i> sp.	7705
			<i>Chironomus</i> sp.	471
			Coenagrionidae	18
		2	<i>Procladius</i> sp.	36
			<i>Chaoborus</i> sp.	8340
			<i>Chironomus</i> sp.	508
		3	<i>Procladius</i> sp.	73
			<i>Chaoborus</i> sp.	5512
			<i>Chironomus</i> sp.	308
	50	1	<i>Chaoborus</i> sp.	109
			Chironomidae	18
			<i>Coelotanypus</i> sp.	73
		2	<i>Cryptochironomus</i> sp.	54
			<i>Sphaerium</i> sp.	36
			Tubificidae	73
		3	Ceratopogonidae	18
			<i>Chaoborus</i> sp.	36
			<i>Chironomus</i> sp.	18
		1	<i>Coelotanypus</i> sp.	54
			<i>Cryptochironomus</i> sp.	18
			Tubificidae	127
		2	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	36
		3	<i>Cryptochironomus</i> sp.	36
			<i>Procladius</i> sp.	18
			Tubificidae	218
	80	1	<i>Chaoborus</i> sp.	635
			<i>Chironomus</i> sp.	91
		2	<i>Chaoborus</i> sp.	254
			<i>Chironomus</i> sp.	199
		3	Tubificidae	18
			<i>Chaoborus</i> sp.	363
			<i>Chironomus</i> sp.	236

343140088192235 TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

JUL 09	35	1	<i>Chaoborus</i> sp.	344	
			<i>Oligochaeta</i>	18	
		2	<i>Chaoborus</i> sp.	91	
			3	<i>Chaoborus</i> sp.	199
	50	1	<i>Chaoborus</i> sp.	399	
			<i>Nemata</i>	36	
		2	<i>Chaoborus</i> sp.	743	
			3	<i>Chaoborus</i> sp.	544
	90	1	<i>Chaoborus</i> sp.	399	
		2	<i>Chaoborus</i> sp.	254	
		3	<i>Chaoborus</i> sp.	199	
			<i>Chironomus</i> sp.	18	

02430005 TENN-TOM WATERWAY BELOW BAY SPRINGS L&D, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 17	10	1	Tubificidae	127
		2	<i>Corbicula manilensis</i>	18
		3	<i>Corbicula manilensis</i>	36
			Tubificidae	36
	50	1	<i>Corbicula manilensis</i>	18
			<i>Cryptochironomus</i> sp.	18
			Tubificidae	54
		2	<i>Corbicula manilensis</i>	18
		3	No organisms present	0
	80	1	No organisms present	0
		2	<i>Chaoborus</i> sp.	18
		3	Tubificidae	18

02430005 TENN-TOM WATERWAY BELOW BAY SPRINGS L&D, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 07	20	1	No organisms present	0
		2	Oligochaeta	18
		3	Chironmini Genus B	36
	50	1	<i>Cyrtellus fraternus</i>	18
			<i>Dicrotendipes</i> sp.	18
		2	<i>Cyrtellus fraternus</i>	36
			<i>Dicrotendipes</i> sp.	36
			Tubificidae	36
		3	<i>Bezzia</i> sp.	36
			<i>Cyrtellus fraternus</i>	18
			Planariidae	18
		1	Chironmini Genus B	18
			<i>Corbicula</i> sp.	18
			<i>Cryptochironomus</i> sp.	18
		2	Oligochaeta	18
			Tubificidae	18
		3	Ceratopogonidae	18
			<i>Hexagenia</i> sp.	18
			Tubificidae	18
	80			

02430100 MACKEYS CREEK NEAR MOORES MILL, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PETITE PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 17	10	1	<i>Corbicula manilensis</i>	172
			<i>Cryptochironomus</i> sp.	129
			<i>Dubiraphia</i> sp.	43
			<i>Endochironomus</i> sp.	129
			<i>Paralauterborniella</i> sp.	344
			<i>Polypedilum</i> sp.	215
			<i>Tanytarsus</i> sp.	43
			Tubificidae	344
	50	1	<i>Corbicula manilensis</i>	86
			Lumbriculidae	43
			<i>Tipula</i> sp.	43
			Tubificidae	86
	80	1	<i>Corbicula manilensis</i>	43
			<i>Cricotopus</i> sp.	43
			<i>Dicrotendipes</i> sp.	43
			<i>Pseudochironomus</i>	43
			<i>Tanytarsus</i> sp.	43
			<i>Thienemanniella</i> sp.	43
			Tubificidae	43

02430100 MACKEYS CREEK NEAR MOORES MILL, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PETITE PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 09	25	1	<i>Corbicula</i> sp.	646
			<i>Dicrotendipes</i> sp.	43
			Tubificidae	43
	50	1	No organisms present	0
	75	1	<i>Corbicula</i> sp.	43

02436500 TOWN CREEK NEAR NETTLETON, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PETITE PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 18	10	1	<i>Paratendipes</i> sp.	43
		2	<i>Ceratopogonidae</i>	43
			<i>Chernovskiiia</i> sp.	43
			<i>Paratendipes</i> sp.	301
			<i>Polypedilum</i> sp.	43
	50	3	<i>Paratendipes</i> sp.	86
		1	<i>Chernovskiiia</i> sp.	43
		2	<i>Paratendipes</i> sp.	43
		3	<i>Paratendipes</i> sp.	172
	80	1	<i>Chernovskiiia</i> sp.	43
			<i>Corbicula manilensis</i>	43
		2	<i>Chernovskiiia</i> sp.	43
			<i>Polypedilum</i> sp.	43
		3	<i>Polypedilum</i> sp.	215

02436500 TOWN CREEK NEAR NETTLETON, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 SURBER SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 07	10	1	No organisms present	0
		2	<i>Chaoborus</i> sp.	22
		3	<i>Chaoborus</i> sp.	11
	50	1	Chironomidae	11
			Tubificidae	11
		2	Chironomidae	32
		3	<i>Cryptochironomus</i> sp.	22
	70	1	<i>Caenis</i> sp.	32
			<i>Cryptochironomus</i> sp.	32
			<i>Dicrotendipes</i> sp.	140
		2	<i>Caenis</i> sp.	22
			Chironmini Genus B	11
			Chironomidae	22
			<i>Physella</i> sp.	11
			<i>Polypedilum</i> sp.	22
			<i>Pseudochironomus</i> sp.	11
		3	<i>Caenis</i> sp.	43
			Chironomidae	54
			<i>Dicrotendipes</i> sp.	129
			<i>Polypedilum</i> sp.	97
			<i>Tricorythodes</i> sp.	22

02437000 TOMBIGBEE RIVER NEAR AMORY, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 18	20	1	No organisms present	0
		2	<i>Paratendipes</i> sp.	73
		3	<i>Chernovskila</i> sp.	18
	50		<i>Paratendipes</i> sp.	363
		1	<i>Paratendipes</i> sp.	36
		2	<i>Paratendipes</i> sp.	18
	80	3	No organisms present	0
		1	<i>Chaoborus</i> sp.	36
			<i>Paratendipes</i> sp.	54
		2	<i>Paratendipes</i> sp.	181
		3	<i>Paratendipes</i> sp.	18

02437000 TOMBIGBEE RIVER NEAR AMORY, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 08	20	1	<i>Stictochironomus</i> sp.	18
		2	Ceratopogonidae	18
			<i>Stictochironomus</i> sp.	54
			Tubificidae	18
	50	3	<i>Stictochironomus</i> sp.	36
		1	Ceratopogonidae	54
			Chironomidae	36
			<i>Polypedilum</i> sp.	18
		2	<i>Corbicula</i> sp.	18
			Tubificidae	36
		3	<i>Stictochironomus</i> sp.	18
		1	<i>Caenis</i> sp.	36
	80		<i>Parachironomus</i> sp.	18
			Tubificidae	18
		2	<i>Caenis</i> sp.	145
			<i>Cryptochironomus</i> sp.	18
			Oligochaeta	18
		3	<i>Caenis</i> sp.	181
			<i>Cryptochironomus</i> sp.	18
			Tubificidae	54

335008088311335 TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 18	20	1	<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	91
			<i>Coelotanypus</i> sp.	199
			<i>Procladius</i> sp.	73
			<i>Sphaerium</i> sp.	36
		2	Tubificidae	36
			<i>Chaoborus</i> sp.	145
			<i>Chironomus</i> sp.	36
			<i>Coelotanypus</i> sp.	272
			Tubificidae	18
		3	<i>Branchiura sowerbyi</i>	36
			<i>Chaoborus</i> sp.	199
			<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	127
			Nemata	18
	50	1	<i>Procladius</i> sp.	18
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	36
			<i>Coelotanypus</i> sp.	18
			<i>Cryptochironomus</i> sp.	18
		2	<i>Procladius</i> sp.	91
			<i>Anodonta suborbiculata</i>	18
			<i>Branchiura sowerbyi</i>	18
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	109
		3	<i>Chironomus</i> sp.	36
			<i>Coelotanypus</i> sp.	127
			<i>Hexagenia bilineata</i>	18
			<i>Procladius</i> sp.	54
	80	1	<i>Anodonta suborbiculata</i>	18
			<i>Ablabesmyia</i> sp.	36
			<i>Chaoborus</i> sp.	73
			<i>Coelotanypus</i> sp.	54
			<i>Cryptochironomus</i> sp.	36
			<i>Cyrnellus fraternus</i>	18
			<i>Dicrotendipes</i> sp.	91
			<i>Procladius</i> sp.	18
			Tubificidae	36

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TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A - CONTINUED
TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 18	80	2	Ceratopogonidae	73
			Chaoborus sp.	199
			Chironomus sp.	73
			Coelotanypus sp.	254
			Procladius sp.	36
			Sphaerium sp.	36
			Tubificidae	36
		3	Ceratopogonidae	54
			Chaoborus sp.	54
			Chironomus sp.	18
			Coelotanypus sp.	109
			Procladius sp.	109

335008088311335 TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 08	5	1	<i>Chaoborus</i> sp.	399
			<i>Coelotanypus</i> sp.	453
			<i>Procladius</i> sp.	54
			<i>Sialis</i> sp.	18
			<i>Sphaerium</i> sp.	18
			<i>Tanypus</i> sp.	36
			Tubificidae	73
		2	<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	54
			<i>Coelotanypus</i> sp.	290
			<i>Sialis</i> sp.	18
			Tubificidae	73
		3	<i>Branchiura sowerbyi</i>	145
			<i>Coelotanypus</i> sp.	381
			<i>Procladius</i> sp.	36
			<i>Tanypus</i> sp.	54
			Tubificidae	91
	50	1	<i>Chaoborus</i> sp.	453
			<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	54
			<i>Procladius</i> sp.	18
			Tubificidae	36
		2	<i>Branchiura sowerbyi</i>	54
			<i>Chaoborus</i> sp.	399
			<i>Coelotanypus</i> sp.	91
			<i>Procladius</i> sp.	36
			Tubificidae	580
		3	<i>Branchiura sowerbyi</i>	36
			<i>Chaoborus</i> sp.	254
			<i>Cryptochironomus</i> sp.	18
			<i>Procladius</i> sp.	73
			<i>Tanypus</i> sp.	18
			Tubificidae	671
	95	1	<i>Branchiura sowerbyi</i>	36
			<i>Chaoborus</i> sp.	508
			Chironomidae	18
			<i>Chironomus</i> sp.	36
			<i>Coelotanypus</i> sp.	109
			<i>Procladius</i> sp.	36
			<i>Tanypus</i> sp.	18
			Tubificidae	109

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TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A - CONTINUED
TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 08	95	2	<i>Branchiura sowerbyi</i>	36
			<i>Chironomus</i> sp.	18
			Nemata	18
			<i>Sphaerium</i> sp.	18
			Tubificidae	36
		3	<i>Branchiura sowerbyi</i>	145
			<i>Chaoborus</i> sp.	326
			Tubificidae	163

02437101 TOMBIGBEE RIVER BELOW ABERDEEN L&D, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 18	20	1	<i>Corbicula manilensis</i>	73
			<i>Cryptochironomus</i> sp.	18
			Tubificidae	109
		2	<i>Cryptochironomus</i> sp.	18
			Tubificidae	127
		3	<i>Hexagenia bilineata</i>	18
			Tubificidae	73
	50	1	<i>Corbicula manilensis</i>	18
			<i>Cryptochironomus</i> sp.	54
			Tubificidae	36
		2	<i>Chaoborus</i> sp.	18
			<i>Cryptochironomus</i> sp.	18
			<i>Paratendipes</i> sp.	36
			Tubificidae	36
		3	<i>Chaoborus</i> sp.	18
	80	1	<i>Chaoborus</i> sp.	18
			<i>Corbicula manilensis</i>	18
			<i>Paratendipes</i> sp.	36
			Tubificidae	54
		2	<i>Chaoborus</i> sp.	18
			Tubificidae	36
		3	No organisms present	0

02437101 TOMBIGBEE RIVER BELOW ABERDEEN L&D, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 07	20	1	<i>Stictochironomus</i> sp.	18
			Tubificidae	18
		2	<i>Coelotanypus</i> sp.	18
			Oligochaeta	54
			<i>Stictochironomus</i> sp.	18
			Tubificidae	181
		3	Oligochaeta	36
			Tubificidae	199
	50	1	<i>Chaoborus</i> sp.	73
			Oligochaeta	18
			Tubificidae	36
		2	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	91
			<i>Corbicula manilensis</i>	18
			Oligochaeta	18
			Tubificidae	36
		3	<i>Chaoborus</i> sp.	54
			<i>Coelotanypus</i> sp.	18
			Oligochaeta	54
			Tubificidae	54
	80	1	<i>Bezzia</i> sp.	36
			<i>Hexagenia</i> sp.	18
			Oligochaeta	18
			<i>Procladius</i> sp.	18
			<i>Stictochironomus</i> sp.	54
			Tubificidae	73
		2	<i>Bezzia</i> sp.	91
			<i>Chaoborus</i> sp.	18
			Chironomidae	18
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia</i> sp.	18
			Oligochaeta	145
		3	<i>Stictochironomus</i> sp.	54
			Tubificidae	109
			<i>Axarus</i> sp.	36
			<i>Bezzia</i> sp.	109
			Oligochaeta	109
			<i>Stictochironomus</i> sp.	54
			Tubificidae	236

02437600 JAMES CREEK AT ABERDEEN, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PETITE PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 18	20	1	<i>Paratendipes</i> sp.	43
			<i>Polypedilum</i> sp.	43
	30	1	No organisms present	0
	40	1	<i>Cryptochironomus</i> sp.	43
			Hydrophilidae	43
			<i>Polypedilum</i> sp.	43

02437600 JAMES CREEK AT ABERDEEN, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 SURBER SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 07	50	1	<i>Axarus</i> sp.	11
			<i>Berosus</i> sp.	11
			<i>Caenis</i> sp.	11
			Ceratopogonidae	11
			<i>Dicrotendipes</i> sp.	312
		2	<i>Axarus</i> sp.	11
			Chironomidae	43
			<i>Dicrotendipes</i> sp.	527
			<i>Enallagma</i> sp.	22
		3	<i>Axarus</i> sp.	11
			<i>Caenis</i> sp.	22
			Chironomidae	22
			<i>Dicrotendipes</i> sp.	398
			<i>Enallagma</i> sp.	11

02439600 BUTTAHATCHEE RIVER NEAR KOLOLA SPRINGS, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PETITE DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 19	80	1	Chironomidae	43
			<i>Coelotanypus</i> sp.	43
			<i>Cryptochironomus</i> sp.	43
			Tubificidae	86
		2	<i>Coelotanypus</i> sp.	43
			<i>Cryptochironomus</i> sp.	43
		3	Tubificidae	86

02439600 BUTTAHATCHEE RIVER NEAR KOLOLA SPRINGS, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PETITE PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 09	20	1	<i>Cryptochironomus</i> sp.	43
			<i>Hexagenia</i> sp.	129
		2	Tubificidae	172
		3	<i>Ablabesmyia</i> sp.	43
			<i>Hexagenia</i> sp.	86
			<i>Polypedilum</i> sp.	43
	50		Tubificidae	129
		1	<i>Corbicula</i> sp.	43
		2	Chironomidae	43
		3	<i>Ablabesmyia</i> sp.	43
	80	1	Oligochaeta	215
			Tubificidae	129
		2	<i>Dicrotendipes</i> sp.	43
		3	<i>Corbicula</i> sp.	43

333927088304935 TTW COLUMBUS LAKE BUTTAHATCHEE R. BENDWAY 26A
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 20	20	1	<i>Ablabesmyia</i> sp.	18
			<i>Chironomus</i> sp.	127
			<i>Cryptochironomus</i> sp.	36
			Erpobdellidae	18
			<i>Hexagenia bilineata</i>	18
		2	Tubificidae	363
			<i>Branchiura sowerbyi</i>	18
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	109
			Chironomidae	163
			<i>Chironomus</i> sp.	145
			<i>Coelotanypus</i> sp.	54
			<i>Cryptochironomus</i> sp.	54
			<i>Procladius</i> sp.	18
			Tubificidae	181
		3	<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	54
			Chironmini Genus B	73
			Chironomidae	181
			<i>Chironomus</i> sp.	199
			<i>Coelotanypus</i> sp.	91
			<i>Cryptochironomus</i> sp.	18
			<i>Harnischia</i> sp.	36
			<i>Pagastiella</i> sp.	18
			<i>Polypedilum</i> sp.	18
			Tubificidae	218
	50	1	<i>Branchiura sowerbyi</i>	18
			<i>Caenis</i> sp.	36
			Ceratopogonidae	36
			<i>Chaoborus</i> sp.	181
			Chironomidae	145
			<i>Chironomus</i> sp.	145
			<i>Coelotanypus</i> sp.	127
			<i>Cryptochironomus</i> sp.	36
			<i>Procladius</i> sp.	36
			Tubificidae	616

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TTW COLUMBUS LAKE BUTTAHATCHEE R. BENDWAY 26A - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 20	50	2	<i>Branchiura sowerbyi</i>	54
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	36
			Chironomidae	36
			<i>Chironomus</i> sp.	109
			<i>Coelotanypus</i> sp.	91
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia bilineata</i>	18
			<i>Polypedilum</i> sp.	54
			Tubificidae	743
		3	Chironomidae	73
			<i>Chironomus</i> sp.	54
			<i>Coelotanypus</i> sp.	73
			<i>Hexagenia bilineata</i>	54
			<i>Polypedilum</i> sp.	36
			Tubificidae	490
	80	1	Ceratopogonidae	18
			<i>Chaoborus</i> sp.	73
			<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	18
			<i>Polypedilum</i> sp.	36
			<i>Stictochironomus</i> sp.	54
			Tubificidae	453
		2	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	18
			<i>Chironomus</i> sp.	181
			<i>Coelotanypus</i> sp.	54
			<i>Cryptochironomus</i> sp.	91
			<i>Hexagenia bilineata</i>	73
			<i>Polypedilum</i> sp.	73
			Tubificidae	490
		3	<i>Chaoborus</i> sp.	36
			<i>Chironomus</i> sp.	73
			<i>Coelotanypus</i> sp.	18
			<i>Cryptochironomus</i> sp.	54
			<i>Hexagenia bilineata</i>	18
			<i>Polypedilum</i> sp.	36
			Tubificidae	816

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TTW COLUMBUS LAKE BUTTAHATCHEE R. BENDWAY 26A
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 09	20	1	Ceratopogonidae	18
			<i>Chaoborus</i> sp.	91
			Chironomidae	36
			<i>Coelotanypus</i> sp.	18
			<i>Hexagenia</i> sp.	18
		2	<i>Procladius</i> sp.	18
			Tubificidae	54
			<i>Ablabesmyia</i> sp.	109
			<i>Chaoborus</i> sp.	18
		3	<i>Ablabesmyia</i> sp.	73
			<i>Chaoborus</i> sp.	18
			Chironmini Genus B	18
			<i>Chironomus</i> sp.	54
			<i>Coelotanypus</i> sp.	54
		1	<i>Hexagenia</i> sp.	109
			<i>Procladius</i> sp.	18
			Tubificidae	36
			<i>Ablabesmyia</i> sp.	36
			<i>Asellus</i> sp.	18
			<i>Chaoborus</i> sp.	598
			<i>Chironomus</i> sp.	91
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia</i> sp.	36
			Tubificidae	870
	50	2	<i>Chaoborus</i> sp.	308
			<i>Chironomus</i> sp.	73
			<i>Coelotanypus</i> sp.	18
			<i>Corbicula</i> sp.	18
			<i>Procladius</i> sp.	18
		3	Tubificidae	780
			<i>Branchiura sowerbyi</i>	36
			<i>Chaoborus</i> sp.	598
			Chironomidae	18
			<i>Coelotanypus</i> sp.	54
			<i>Polypedilum</i> sp.	18
			<i>Procladius</i> sp.	36
			Tubificidae	417

333927088304935

TTW COLUMBUS LAKE BUTTAHATCHEE R. BENDWAY 26A - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 09	80	1	<i>Ablabesmyia</i> sp.	91
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	381
			Chironmini Genus B	109
			<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	36
			<i>Epoicocladus</i> sp.	36
			<i>Hexagenia</i> sp.	91
			<i>Sphaerium</i> sp.	127
			Tubificidae	18
		2	<i>Ablabesmyia</i> sp.	36
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	326
			Chironmini Genus B	18
			<i>Chironomus</i> sp.	18
			<i>Hexagenia</i> sp.	36
			<i>Sphaerium</i> sp.	54
			Tubificidae	18
		3	<i>Ablabesmyia</i> sp.	36
			<i>Chaoborus</i> sp.	508
			Chironmini Genus B	91
			Chironomidae	18
			<i>Chironomus</i> sp.	36
			<i>Polypedilum</i> sp.	54
			<i>Sialis</i> sp.	54
			<i>Tanypus</i> sp.	36
			Tubificidae	18

02441000 TIBBEE CREEK NEAR TIBBEE, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PETITE PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 09	20	1	<i>Branchiura sowerbyi</i>	43
			<i>Oligochaeta</i>	172
			<i>Tubificidae</i>	431
		2	<i>Coelotanypus</i> sp.	43
			<i>Oligochaeta</i>	172
			<i>Tubificidae</i>	344
		3	<i>Branchiura sowerbyi</i>	86
			<i>Coelotanypus</i> sp.	43
			<i>Oligochaeta</i>	258
			<i>Procladius</i> sp.	43
			<i>Tubificidae</i>	947
	50	1	<i>Ablabesmyia</i> sp.	43
			<i>Asellus</i> sp.	43
			<i>Caenis</i> sp.	43
			<i>Oligochaeta</i>	86
			<i>Polypedilum</i> sp.	43
		2	<i>Tubificidae</i>	86
			<i>Oligochaeta</i>	43
			<i>Procladius</i> sp.	43
			<i>Stenacron</i> sp.	43
			<i>Tubificidae</i>	43
		3	<i>Coelotanypus</i> sp.	43
			<i>Cyrmellus fraternus</i>	43
	80	1	<i>Coelotanypus</i> sp.	43
			<i>Tubificidae</i>	43
		2	<i>Axarus</i> sp.	43
			<i>Cyrmellus fraternus</i>	43
		3	<i>Caenis</i> sp.	43
			<i>Stenacron</i> sp.	43

333119088291435 TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 20	20	1	<i>Branchiura sowerbyi</i>	18
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	653
			<i>Chironomus</i> sp.	73
			<i>Coelotanypus</i> sp.	218
		2	<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia bilineata</i>	54
			<i>Procladius</i> sp.	109
			Tubificidae	109
			Ceratopogonidae	18
		3	<i>Chaoborus</i> sp.	544
			<i>Chironomus</i> sp.	127
			<i>Coelotanypus</i> sp.	218
			<i>Procladius</i> sp.	91
			Tubificidae	163
	50	1	<i>Branchiura sowerbyi</i>	36
			<i>Chaoborus</i> sp.	1233
			<i>Chironomus</i> sp.	91
			<i>Coelotanypus</i> sp.	308
			<i>Procladius</i> sp.	236
		2	Tubificidae	145
			<i>Branchiura sowerbyi</i>	18
			<i>Cryptochironomus</i> sp.	18
			Tubificidae	18
			<i>Ablabesmyia</i> sp.	18
		3	<i>Branchiura sowerbyi</i>	18
			Ceratopogonidae	18
			<i>Chironomus</i> sp.	91
			<i>Coelotanypus</i> sp.	73
			<i>Cryptochironomus</i> sp.	18
		3	<i>Hexagenia bilineata</i>	36
			Tubificidae	109
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	18
			<i>Glyptotendipes</i> sp.	36
			<i>Paracladopelma</i> sp.	18
			<i>Procladius</i> sp.	18
			Tubificidae	181
			<i>Xenochironomus</i> sp.	18

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TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 20	80	1	<i>Chaoborus</i> sp.	1342
			<i>Chironomus</i> sp.	109
			<i>Coelotanypus</i> sp.	18
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia bilineata</i>	73
			<i>Procladius</i> sp.	218
			Tubificidae	73
		2	<i>Ablabesmyia</i> sp.	36
			<i>Chaoborus</i> sp.	218
			<i>Chironomus</i> sp.	73
			<i>Coelotanypus</i> sp.	18
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia bilineata</i>	18
			<i>Procladius</i> sp.	109
			Tubificidae	73
		3	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	997
			<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	36
			<i>Hexagenia bilineata</i>	36
			<i>Procladius</i> sp.	109
			Tubificidae	36

333119088291435 TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 09	10	1	<i>Ablabesmyia</i> sp.	91
			<i>Axarus</i> sp.	18
			<i>Branchiura sowerbyi</i>	36
			<i>Chaoborus</i> sp.	36
			<i>Coelotanypus</i> sp.	36
			<i>Hexagenia</i> sp.	109
		2	Tubificidae	73
			<i>Ablabesmyia</i> sp.	73
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	290
			Chironomidae	18
			<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	73
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia</i> sp.	127
			Nemata	18
			<i>Procladius</i> sp.	18
			Tubificidae	54
		3	<i>Anodonta suborbiculata</i>	18
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	91
			<i>Hexagenia</i> sp.	127
	50	1	<i>Ablabesmyia</i> sp.	18
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	218
			<i>Coelotanypus</i> sp.	36
			<i>Dicrotendipes</i> sp.	18
			<i>Hexagenia</i> sp.	18
		2	<i>Procladius</i> sp.	18
			Tubificidae	36
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	399
			<i>Coelotanypus</i> sp.	18
			<i>Polypedilum</i> sp.	18
			<i>Procladius</i> sp.	18
			Tubificidae	73

333119088291435 TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 09	50	3	<i>Chaoborus</i> sp.	1160
			<i>Coelotanypus</i> sp.	36
			<i>Procladius</i> sp.	18
			<i>Sphaerium</i> sp.	18
			Tubificidae	18
			<i>Xenochironomus</i> sp.	18
	90	1	<i>Ablabesmyia</i> sp.	127
			<i>Chaoborus</i> sp.	471
			<i>Coelotanypus</i> sp.	145
			<i>Epoicocladus</i> sp.	18
			<i>Hexagenia</i> sp.	54
			<i>Procladius</i> sp.	36
		2	<i>Sphaerium</i> sp.	18
			Tubificidae	18
			<i>Ablabesmyia</i> sp.	73
			<i>Chaoborus</i> sp.	363
			<i>Coelotanypus</i> sp.	127
			<i>Hexagenia</i> sp.	36
		3	<i>Tanypus</i> sp.	18
			<i>Ablabesmyia</i> sp.	73
			<i>Chaoborus</i> sp.	109
			<i>Coelotanypus</i> sp.	36
			<i>Hexagenia</i> sp.	36
			<i>Tanypus</i> sp.	18

02441391 TOMBIGBEE RIVER BELOW COLUMBUS L&D, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 20	20	1	Tubificidae	18
		2	No organisms present	0
		3	No organisms present	0
	50	1	No organisms present	0
		2	<i>Obliquaria reflexa</i>	18
		3	No organisms present	0
	80	1	<i>Asellus</i> sp.	18
			<i>Corbicula manilensis</i>	36
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia bilineata</i>	18
			<i>Leptodea fragilis</i>	18
			<i>Pseudochironomus</i>	18
			<i>Tanytarsus</i> sp.	18
			Tubificidae	36
		2	No organisms present	0
		3	No organisms present	0

02441391 TOMBIGBEE RIVER BELOW COLUMBUS L&D, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 29	25	1	<i>Chaoborus</i> sp.	18
			<i>Cyrenellus fraternus</i>	36
		2	<i>Axarus</i> sp.	36
			<i>Branchiura sowerbyi</i>	36
			<i>Chaoborus</i> sp.	73
			Nemata	18
			Tubificidae	18
		3	<i>Chaoborus</i> sp.	73
			Tubificidae	18
	50	1	<i>Chaoborus</i> sp.	18
			<i>Corbicula</i> sp.	18
		2	<i>Axarus</i> sp.	18
		3	<i>Axarus</i> sp.	18
			<i>Chaoborus</i> sp.	18
			<i>Corbicula</i> sp.	18
			<i>Cyrenellus fraternus</i>	18
	75	1	<i>Asellus</i> sp.	18
			<i>Caenis</i> sp.	36
			<i>Cyrenellus fraternus</i>	36
			<i>Dicrotendipes</i> sp.	36
		2	<i>Ablabesmyia</i> sp.	18
			<i>Asellus</i> sp.	36
			<i>Caenis</i> sp.	18
			<i>Chaoborus</i> sp.	18
			<i>Cyrenellus fraternus</i>	18
		3	<i>Ablabesmyia</i> sp.	109
			<i>Branchiura sowerbyi</i>	36
			<i>Cyrenellus fraternus</i>	145
			Hirudinea	18
			Nemata	236
			Planariidae	18
			<i>Sphaerium</i> sp.	18
			Tubificidae	54

02441498 TOMBIGBEE RIVER (COL. BEND 11B) AT COLUMBUS, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 24	20	1	Chironomidae	36
			<i>Chironomus</i> sp.	18
			<i>Harnischia</i> sp.	18
			<i>Hexagenia bilineata</i>	36
			<i>Polypedilum</i> sp.	18
			<i>Procladius</i> sp.	36
		2	Tubificidae	73
			<i>Chaoborus</i> sp.	18
			Chironomidae	18
			<i>Chironomus</i> sp.	18
			<i>Cryptochironomus</i> sp.	36
			<i>Hexagenia bilineata</i>	18
			<i>Procladius</i> sp.	18
		3	Tubificidae	73
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	36
			<i>Cryptochironomus</i> sp.	18
			<i>Cyrnellus fraternus</i>	18
			<i>Hexagenia bilineata</i>	18
	50	1	<i>Polypedilum</i> sp.	18
			<i>Procladius</i> sp.	73
			Tubificidae	73
			<i>Ablabesmyia</i> sp.	36
			<i>Branchiura sowerbyi</i>	18
			<i>Coelotanypus</i> sp.	18
		2	<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia bilineata</i>	18
			Tubificidae	73
			<i>Chironomus</i> sp.	54
			Glossiphoniidae	18
			<i>Hexagenia bilineata</i>	18
		3	Lepidoptera	18
			Tubificidae	127
			Chironomidae	18
			Tubificidae	163

02441498 TOMBIGBEE RIVER (COL. BEND 11B) AT COLUMBUS, MS - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 24	80	1	<i>Ablabesmyia annulata</i>	91
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	91
			<i>Cryptochironomus</i> sp.	36
			<i>Hexagenia bilineata</i>	199
			Tubificidae	73
		2	<i>Ablabesmyia annulata</i>	54
			<i>Branchiura sowerbyi</i>	18
			<i>Hexagenia bilineata</i>	344
		3	<i>Ablabesmyia annulata</i>	36
			<i>Chaoborus</i> sp.	91
			Chironomidae	91
			<i>Coelotanypus</i> sp.	18
			<i>Harnischia</i> sp.	18
			<i>Hexagenia bilineata</i>	127
			<i>Isonychia</i> sp.	18
			<i>Procladius</i> sp.	18
			<i>Stictochironomus</i> sp.	18
			Tubificidae	145

02441498 TOMBIGBEE RIVER (COL. BEND 11B) AT COLUMBUS, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 14	20	1	<i>Ablabesmyia</i> sp.	181
			<i>Chaoborus</i> sp.	236
			Chironmini Genus B	18
			<i>Coelotanypus</i> sp.	18
			<i>Epoicocladius</i> sp.	36
		2	<i>Hexagenia</i> sp.	453
			<i>Ablabesmyia</i> sp.	272
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	272
			Chironmini Genus B	18
			<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	163
			<i>Epoicocladius</i> sp.	36
			<i>Hexagenia</i> sp.	635
			<i>Procladius</i> sp.	18
		3	<i>Ablabesmyia</i> sp.	54
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	36
			<i>Hexagenia</i> sp.	163
			Oligochaeta	18
			<i>Tanypus</i> sp.	18
	50	1	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	181
			<i>Coelotanypus</i> sp.	54
			Tubificidae	127
		2	<i>Chaoborus</i> sp.	54
			Tubificidae	54
		3	<i>Ablabesmyia</i> sp.	54
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	18
			Erpobdellidae	36
			<i>Hexagenia</i> sp.	36
			Tubificidae	18

02441498 TOMBIGBEE RIVER (COL. BEND 11B) AT COLUMBUS, MS - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 14	80	1	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	54
			<i>Coelotanytus</i> sp.	18
			<i>Oecetis</i> sp.	18
			Tubificidae	145
		2	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	73
			<i>Cryptochironomus</i> sp.	18
			Erpobdellidae	18
			<i>Stictochironomus</i> sp.	54
		3	Tubificidae	73
			<i>Chaoborus</i> sp.	36
			<i>Cladopelma</i> sp.	18
			<i>Cryptochironomus</i> sp.	73
			<i>Leptochironomus</i> sp.	18
			<i>Stictochironomus</i> sp.	18
			Tubificidae	54

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PETITE PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 09	5	1	<i>Branchiura sowerbyi</i>	43
			<i>Chironomus</i> sp.	43
			<i>Polypedilum</i> sp.	43
			Tubificidae	43
		2	Chironomidae	43
			<i>Cryptochironomus</i> sp.	43
			<i>Polycentropus</i> sp.	43
			Tubificidae	43
		3	Tubificidae	172
			Chironomidae	86
	70	1	<i>Chironomus</i> sp.	43
			<i>Coelotanypus</i> sp.	43
			Macromiidae	43
			<i>Polypedilum</i> sp.	43
		2	Tubificidae	86
			Chironomidae	43
			<i>Coelotanypus</i> sp.	43
			Gomphidae	43
		3	Chironomidae	172
			<i>Polypedilum</i> sp.	43
	95	1	Nemata	43
		2	<i>Cryptochironomus</i> sp.	43
		3	Oligochaeta	86
			<i>Polypedilum</i> sp.	86

02443610

TOMBIGBEE RIVER (PRATT CAMP 5HB) BELOW COLUMBUS, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 24	20	1	<i>Ablabesmyia</i> sp.	36
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	36
			<i>Coelotanypus</i> sp.	73
			<i>Hexagenia bilineata</i>	18
		2	<i>Ablabesmyia</i> sp.	36
			<i>Branchiura sowerbyi</i>	18
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	36
			<i>Hexagenia bilineata</i>	54
		3	<i>Ablabesmyia</i> sp.	36
			<i>Branchiura sowerbyi</i>	54
			<i>Chaoborus</i> sp.	109
			<i>Coelotanypus</i> sp.	36
			<i>Hexagenia bilineata</i>	54
	50	1	Ceratopogonidae	54
			<i>Chaoborus</i> sp.	109
			<i>Chironomus</i> sp.	18
			<i>Cryptochironomus</i> sp.	36
			<i>Hexagenia bilineata</i>	18
		2	<i>Procladius</i> sp.	181
			<i>Ablabesmyia</i> sp.	18
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	91
			<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	18
			<i>Procladius</i> sp.	145
		3	<i>Branchiura sowerbyi</i>	18
			Ceratopogonidae	36
			<i>Chaoborus</i> sp.	272
			<i>Coelotanypus</i> sp.	36
			<i>Cryptochironomus</i> sp.	18
			<i>Procladius</i> sp.	91
			Tubificidae	18

02443610

TOMBIGBEE RIVER (PRATT CAMP 5HB) BELOW COLUMBUS, MS - CONTINUED
TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 24	80	1	Ceratopogonidae	36
			<i>Chaoborus</i> sp.	308
			Chironomidae	18
			<i>Chironomus</i> sp.	18
			<i>Cryptochironomus</i> sp.	18
			<i>Procladius</i> sp.	344
		2	Ceratopogonidae	18
			<i>Chaoborus</i> sp.	73
			<i>Chironomus</i> sp.	91
			<i>Coelotanypus</i> sp.	18
			<i>Cryptochironomus</i> sp.	18
			<i>Procladius</i> sp.	127
		3	<i>Ablabesmyia</i> sp.	18
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	145
			<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	18
			<i>Procladius</i> sp.	109

02443610

TOMBIGBEE RIVER (PRATT CAMP 5HB) BELOW COLUMBUS, MS
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 14	20	1	<i>Chaoborus</i> sp.	1940
		2	<i>Chaoborus</i> sp.	272
			<i>Coelotanypus</i> sp.	18
			Tubificidae	18
		3	<i>Chaoborus</i> sp.	997
			<i>Chironomus</i> sp.	36
			<i>Coelotanypus</i> sp.	18
			Tubificidae	18
		1	<i>Branchiura sowerbyi</i>	18
	50		<i>Chaoborus</i> sp.	580
			<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	54
		2	<i>Chaoborus</i> sp.	1523
		3	<i>Chaoborus</i> sp.	1088
			<i>Chironomus</i> sp.	54
			<i>Coelotanypus</i> sp.	18
		1	<i>Chaoborus</i> sp.	1650
	80		<i>Coelotanypus</i> sp.	54
			<i>Tanypus</i> sp.	254
			Tubificidae	326
		2	<i>Chaoborus</i> sp.	544
			<i>Coelotanypus</i> sp.	18
			<i>Tanypus</i> sp.	18
			Tubificidae	36
		3	<i>Chaoborus</i> sp.	1197
			<i>Coelotanypus</i> sp.	54
			<i>Procladius</i> sp.	18
			<i>Tanypus</i> sp.	91
			Tubificidae	145

02444158 TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 24	20	1	<i>Chaoborus</i> sp.	707
			<i>Coelotanypus</i> sp.	18
			<i>Cryptochironomus</i> sp.	109
			<i>Hexagenia bilineata</i>	36
			<i>Procladius</i> sp.	163
		2	Tubificidae	490
			<i>Chaoborus</i> sp.	18
			<i>Procladius</i> sp.	36
		3	Tubificidae	145
			<i>Chaoborus</i> sp.	1052
			<i>Coelotanypus</i> sp.	54
			<i>Corbicula manilensis</i>	18
			<i>Glyptotendipes</i> sp.	18
			<i>Harnischia</i> sp.	18
			<i>Hexagenia bilineata</i>	36
			<i>Microchironomus</i> sp.	18
			<i>Procladius</i> sp.	36
			Tubificidae	1396
	50	1	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	54
			<i>Chironomus</i> sp.	73
			<i>Coelotanypus</i> sp.	562
			<i>Dicrotendipes</i> sp.	18
		2	<i>Procladius</i> sp.	18
			<i>Ablabesmyia</i> sp.	18
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	73
			<i>Chironomus</i> sp.	236
			<i>Coelotanypus</i> sp.	490
			<i>Corbicula manilensis</i>	18
			<i>Dicrotendipes</i> sp.	18
			<i>Procladius</i> sp.	18
		3	<i>Chaoborus</i> sp.	18
			Chironomidae	18
			<i>Chironomus</i> sp.	218
			<i>Coelotanypus</i> sp.	290
			<i>Corbicula manilensis</i>	18
			Glossiphoniidae	18

02444158

TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL - CONTINUED
TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 24	80	1	<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	199
			Tubificidae	54
		2	<i>Chaoborus</i> sp.	73
			<i>Coelotanypus</i> sp.	163
			<i>Hexagenia bilineata</i>	18
			<i>Procladius</i> sp.	18
			Tubificidae	18
		3	<i>Ablabesmyia</i> sp.	18
			<i>Coelotanypus</i> sp.	91
			<i>Hexagenia bilineata</i>	18
			<i>Procladius</i> sp.	54
			Tubificidae	18

02444158 TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 15	20	1	<i>Ablabesmyia</i> sp.	36
			<i>Branchiura sowerbyi</i>	18
			<i>Coelotanypus</i> sp.	18
			<i>Hexagenia</i> sp.	54
			<i>Sphaerium</i> sp.	363
		2	<i>Ablabesmyia</i> sp.	18
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	36
			<i>Coelotanypus</i> sp.	36
			<i>Hexagenia</i> sp.	36
			<i>Sphaerium</i> sp.	18
		3	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	91
			<i>Coelotanypus</i> sp.	181
			<i>Hexagenia</i> sp.	36
	50	1	<i>Chaoborus</i> sp.	399
			<i>Coelotanypus</i> sp.	308
			<i>Hexagenia</i> sp.	18
			<i>Oligochaeta</i>	181
			<i>Procladius</i> sp.	36
			<i>Tanypus</i> sp.	18
		2	<i>Chaoborus</i> sp.	145
			<i>Coelotanypus</i> sp.	91
			<i>Oligochaeta</i>	145
		3	<i>Chaoborus</i> sp.	91
			<i>Coelotanypus</i> sp.	73
			<i>Oligochaeta</i>	145
	90	1	<i>Chaoborus</i> sp.	145
			<i>Cryptochironomus</i> sp.	36
			<i>Oecetis</i> sp.	18
		2	<i>Tubificidae</i>	199
			<i>Chaoborus</i> sp.	344
			<i>Coelotanypus</i> sp.	73
			<i>Cryptochironomus</i> sp.	18
			<i>Procladius</i> sp.	18
			<i>Tubificidae</i>	91

02444158 TOMBIGBEE RIVER ABOVE ALICEVILLE L&D, AL - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 15	90	3	<i>Chaoborus</i> sp.	816
			<i>Coelotanypus</i> sp.	218
			<i>Hexagenia</i> sp.	18
			Nemata	18
			<i>Procladius</i> sp.	18
			<i>Sphaerium</i> sp.	18
			<i>Stictochironomus</i> sp.	18
			Tubificidae	363

02444161 TOMBIGBEE RIVER BELOW ALICEVILLE, L&D, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 25	20	1	<i>Branchiura sowerbyi</i>	18
			Chironomidae	54
			<i>Cyrnellus fraternus</i>	36
		2	<i>Dicrotendipes</i> sp.	18
			<i>Glyptotendipes</i> sp.	18
			<i>Nanocladius</i> sp.	36
		3	<i>Paratanytarsus</i> sp.	18
			<i>Xenochironomus</i> sp.	18
			<i>Cyrnellus fraternus</i>	36
	50	1	<i>Dicrotendipes</i> sp.	54
			<i>Xenochironomus</i> sp.	635
			Chironomidae	18
		2	<i>Cyrnellus fraternus</i>	36
			<i>Dicrotendipes</i> sp.	18
			<i>Xenochironomus</i> sp.	254
		3	<i>Cyrnellus fraternus</i>	36
			<i>Dicrotendipes</i> sp.	36
			<i>Glyptotendipes</i> sp.	127
	80	1	<i>Nanocladius</i> sp.	18
			<i>Corbicula manilensis</i>	18
			<i>Xenochironomus</i> sp.	18

02444161 TOMBIGBEE RIVER BELOW ALICEVILLE, L&D, AL
TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 15	20	1	<i>Axarus</i> sp.	18
			<i>Caenis</i> sp.	18
			<i>Chaoborus</i> sp.	91
		2	<i>Cyrnellus fraternus</i>	36
			<i>Oligochaeta</i>	36
			<i>Chaoborus</i> sp.	54
		3	<i>Corbicula</i> sp.	18
			<i>Cryptochironomus</i> sp.	36
			<i>Tubificidae</i>	91
	50	1	<i>Chaoborus</i> sp.	91
			<i>Tubificidae</i>	36
			<i>Chaoborus</i> sp.	73
		2	<i>Cryptochironomus</i> sp.	109
			<i>Chaoborus</i> sp.	54
			<i>Cryptochironomus</i> sp.	36
		3	<i>Chaoborus</i> sp.	54
			<i>Polypedilum</i> sp.	18
			<i>Chaoborus</i> sp.	163
	80	1	<i>Cryptochironomus</i> sp.	73
			<i>Tubificidae</i>	290
			<i>Chaoborus</i> sp.	272
		2	<i>Cryptochironomus</i> sp.	18
			<i>Polypedilum</i> sp.	18
			<i>Tubificidae</i>	109
		3	<i>Chaoborus</i> sp.	18
			<i>Cryptochironomus</i> sp.	36

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TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 25	20	1	Ceratopogonidae	18
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	417
			<i>Hexagenia bilineata</i>	127
			Tubificidae	18
		2	<i>Ablabesmyia</i> sp.	145
			Ceratopogonidae	73
			<i>Chironomus</i> sp.	36
			<i>Hexagenia bilineata</i>	344
			<i>Paratendipes</i> sp.	91
		3	<i>Ablabesmyia</i> sp.	127
			<i>Branchiura sowerbyi</i>	18
			Ceratopogonidae	91
			<i>Chaoborus</i> sp.	18
			<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	54
			<i>Hexagenia bilineata</i>	181
			<i>Paratendipes</i> sp.	36
			<i>Polypedilum</i> sp.	18
			Tubificidae	36
	50	1	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	36
			<i>Chironomus</i> sp.	18
			<i>Cryptochironomus</i> sp.	36
			<i>Cryptotendipes</i> sp.	54
		2	Naididae	73
			<i>Procladius</i> sp.	18
			Tubificidae	435
			<i>Coelotanypus</i> sp.	18
			<i>Cryptochironomus</i> sp.	36
			<i>Cryptotendipes</i> sp.	36
			<i>Hexagenia bilineata</i>	18
			Naididae	18
			Tubificidae	163
		3	<i>Cryptochironomus</i> sp.	73
			<i>Cryptotendipes</i> sp.	18
			<i>Procladius</i> sp.	54
			Tubificidae	18

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TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 25	80	1	Chironomidae	18
			<i>Chironomus</i> sp.	36
			<i>Cryptochironomus</i> sp.	91
			<i>Hexagenia bilineata</i>	36
			Nemata	18
			<i>Sphaerium</i> sp.	18
			Tubificidae	163
		2	<i>Ablabesmyia</i> sp.	18
			<i>Branchiura sowerbyi</i>	18
			<i>Cryptochironomus</i> sp.	18
			<i>Einfeldia</i> sp.	54
			<i>Hexagenia bilineata</i>	18
			<i>Procladius</i> sp.	18
			Tubificidae	272
		3	Chironomidae	18
			<i>Cryptochironomus</i> sp.	18
			<i>Procladius</i> sp.	18
			Tubificidae	73

02444210 TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 15	20	1	<i>Ablabesmyia</i> sp.	36
			<i>Chaoborus</i> sp.	163
			<i>Coelotanypus</i> sp.	109
			<i>Hexagenia</i> sp.	73
			<i>Tanypus</i> sp.	18
			Tubificidae	73
		2	<i>Ablabesmyia</i> sp.	254
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	1795
			<i>Chironomus</i> sp.	36
			<i>Coelotanypus</i> sp.	91
			<i>Epoicocladus</i> sp.	54
			<i>Hexagenia</i> sp.	181
			<i>Polypedilum</i> sp.	36
			<i>Procladius</i> sp.	36
			<i>Tanypus</i> sp.	798
			Tubificidae	254
		3	<i>Ablabesmyia</i> sp.	109
			<i>Chaoborus</i> sp.	1015
			Chironmini Genus B	18
			<i>Chironomus</i> sp.	18
			<i>Hexagenia</i> sp.	73
			<i>Procladius</i> sp.	36
	50	1	<i>Tanypus</i> sp.	308
			Tubificidae	616
			<i>Ablabesmyia</i> sp.	54
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	435
			<i>Coelotanypus</i> sp.	18
			<i>Hexagenia</i> sp.	109
			<i>Tanypus</i> sp.	580
			Tubificidae	236

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TOMBIGBEE RIVER (BIG CREEK) NEAR PICKENSVILLE, AL - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 15	50	2	<i>Ablabesmyia</i> sp.	18
			<i>Branchiura sowerbyi</i>	91
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	471
			Chironmini Genus B	36
			<i>Chironomus</i> sp.	54
			<i>Polypedilum</i> sp.	18
			<i>Tanypus</i> sp.	91
			Tubificidae	54
		3	<i>Ablabesmyia</i> sp.	109
			<i>Chaoborus</i> sp.	236
			<i>Hexagenia</i> sp.	109
			<i>Tanypus</i> sp.	181
	80	1	Tubificidae	91
			<i>Chaoborus</i> sp.	254
			<i>Procladius</i> sp.	18
			Tubificidae	145
		2	<i>Xenochironomus</i> sp.	18
			<i>Chaoborus</i> sp.	508
			<i>Cryptochironomus</i> sp.	36
			<i>Tanypus</i> sp.	18
		3	Tubificidae	91
			<i>Chaoborus</i> sp.	91
			<i>Cryptochironomus</i> sp.	18
			<i>Tanypus</i> sp.	18
			Tubificidae	91

02446500 SIPSEY RIVER NEAR ELROD, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 29	20	1	<i>Chimarra</i> sp.	18
			Chironomidae	36
		2	<i>Corbicula manilensis</i>	18
			<i>Chimarra</i> sp.	36
			<i>Corbicula manilensis</i>	18
			<i>Quadrula</i> sp.	18
	50	3	Chironomidae	18
		1	Ceratopogonidae	18
			<i>Corbicula manilensis</i>	36
			<i>Procladius</i> sp.	18
		2	<i>Procladius</i> sp.	18
		3	<i>Corbicula manilensis</i>	109
		1	Tubificidae	18
			Chironomidae	18
			Diptera	18
			Tubificidae	73
			Oligochaeta	36
			<i>Procladius</i> sp.	18
			Tubificidae	127

02446500 SIPSEY RIVER NEAR ELROD, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 17	50	1	Chironomidae	73
			<i>Corbicula</i> sp.	109
			<i>Cryptochironomus</i> sp.	54
			<i>Procladius</i> sp.	36
		2	Chironomidae	73
			<i>Corbicula</i> sp.	18
			<i>Cryptochironomus</i> sp.	18
			<i>Dicrotendipes</i> sp.	18
	80	1	<i>Microtendipes</i> sp.	18
			Ceratopogonidae	18
			Chironomidae	127
			<i>Chironomus</i> sp.	18
			<i>Corbicula</i> sp.	127
			<i>Cryptochironomus</i> sp.	18
			<i>Dicrotendipes</i> sp.	18
			<i>Microtendipes</i> sp.	18
			<i>Polypedilum</i> sp.	18
			Tubificidae	18

02447010 TOMBIGBEE RIVER (COOKS BEND) NEAR WARSAW, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 25	20	1	<i>Ablabesmyia</i> sp.	36
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	363
			<i>Corbicula manilensis</i>	18
			<i>Hexagenia bilineata</i>	381
			<i>Procladius</i> sp.	18
		2	<i>Sphaerium</i> sp.	36
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	73
			<i>Coelotanypus</i> sp.	435
			<i>Corbicula manilensis</i>	36
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia bilineata</i>	254
			<i>Procladius</i> sp.	18
			<i>Sphaerium</i> sp.	18
			Tubificidae	18
		3	<i>Coelotanypus</i> sp.	73
			<i>Corbicula manilensis</i>	54
			<i>Cryptochironomus</i> sp.	18
			<i>Harnischia</i> sp.	18
			<i>Hexagenia bilineata</i>	254
			Tubificidae	18
	50	1	<i>Ablabesmyia</i> sp.	36
			<i>Branchiura sowerbyi</i>	36
			<i>Chaoborus</i> sp.	36
			Chironmini Genus B	18
			<i>Coelotanypus</i> sp.	562
			<i>Corbicula manilensis</i>	36
			<i>Cryptochironomus</i> sp.	18
			<i>Epoicocladius</i> sp.	73
			<i>Hexagenia bilineata</i>	435
			<i>Sphaerium</i> sp.	326

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TOMBIGBEE RIVER (COOKS BEND) NEAR WARSAW, AL - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 25	50	2	<i>Ablabesmyia</i> sp.	109
			<i>Branchiura sowerbyi</i>	73
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	344
			<i>Cryptochironomus</i> sp.	18
		3	<i>Epoicocladus</i> sp.	18
			<i>Hexagenia bilineata</i>	816
			<i>Procladius</i> sp.	54
			<i>Sphaerium</i> sp.	163
			<i>Ablabesmyia</i> sp.	36
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	18
			<i>Cheumatopsyche</i> sp.	18
			<i>Coelotanypus</i> sp.	435
			<i>Cryptochironomus</i> sp.	18
			<i>Epoicocladus</i> sp.	18
			<i>Hexagenia bilineata</i>	381
	80	1	<i>Sphaerium</i> sp.	36
			<i>Ablabesmyia</i> sp.	218
			<i>Branchiura sowerbyi</i>	36
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	526
		2	<i>Hexagenia bilineata</i>	689
			<i>Sphaerium</i> sp.	290
			<i>Ablabesmyia</i> sp.	163
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	671
			<i>Epoicocladus</i> sp.	18
			<i>Hexagenia bilineata</i>	653
			<i>Procladius</i> sp.	36
			<i>Sphaerium</i> sp.	580
			<i>Xenochironomus</i> sp.	18
		3	<i>Ablabesmyia</i> sp.	54
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	308
			<i>Hexagenia bilineata</i>	798
			<i>Sphaerium</i> sp.	199

02447010 TOMBIGBEE RIVER (COOKS BEND) NEAR WARSAW, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 15	20	1	<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	743
			<i>Coelotanypus</i> sp.	54
		2	<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	798
			<i>Coelotanypus</i> sp.	18
		3	<i>Sphaerium</i> sp.	18
			<i>Chaoborus</i> sp.	943
			<i>Sphaerium</i> sp.	18
	50	1	<i>Tubificidae</i>	18
			<i>Chaoborus</i> sp.	199
			<i>Chaoborus</i> sp.	544
		2	<i>Tubificidae</i>	18
			<i>Chaoborus</i> sp.	199
			<i>Sphaerium</i> sp.	18
	80	1	<i>Sphaerium</i> sp.	18
			<i>Ablabesmyia</i> sp.	36
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	18
			<i>Epicoccladius</i> sp.	36
		2	<i>Hexagenia</i> sp.	18
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	18
			<i>Hexagenia</i> sp.	326
		3	<i>Ablabesmyia</i> sp.	91
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	417
			<i>Coelotanypus</i> sp.	127
			<i>Epicoccladius</i> sp.	54
			<i>Hexagenia</i> sp.	381
			<i>Polypedilum</i> sp.	18
			<i>Sphaerium</i> sp.	399

02447020 TOMBIGBEE RIVER ABOVE GAINESVILLE L&D, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 26	20	1	Chironomidae	18
			<i>Chironomus</i> sp.	18
			<i>Coelotanypus</i> sp.	54
			<i>Cryptotendipes</i> sp.	18
			<i>Hexagenia bilineata</i>	91
		2	<i>Procladius</i> sp.	54
			Tubificidae	54
			<i>Amblema costata</i>	18
			<i>Chaoborus</i> sp.	36
			<i>Coelotanypus</i> sp.	73
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia bilineata</i>	18
			Nemata	18
			<i>Procladius</i> sp.	36
			<i>Sphaerium</i> sp.	54
		3	Tubificidae	36
			<i>Chaoborus</i> sp.	54
			Chironomidae	18
			<i>Coelotanypus</i> sp.	127
			<i>Cyrnellus fraternus</i>	36
			<i>Hexagenia bilineata</i>	54
			<i>Pagastiella</i> sp.	18
			<i>Procladius</i> sp.	91
			<i>Sphaerium transversum</i>	18
	50	1	Tubificidae	36
			<i>Chaoborus</i> sp.	18
			<i>Chironomus</i> sp.	36
			<i>Coelotanypus</i> sp.	254
			<i>Hexagenia bilineata</i>	73
		2	Tubificidae	73
			<i>Ablabesmyia</i> sp.	18
			Ceratopogonidae	18
			<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	73
			<i>Glyptotendipes</i> sp.	18
			<i>Hexagenia bilineata</i>	109
			Tubificidae	54

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TOMBIGBEE RIVER ABOVE GAINESVILLE L&D, AL - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 26	50	3	<i>Chaoborus</i> sp.	109
			Chironomidae	18
			<i>Coelotanypus</i> sp.	199
			<i>Hexagenia bilineata</i>	109
			<i>Pagastiella</i> sp.	18
			Tubificidae	73
	80	1	<i>Branchiura sowerbyi</i>	18
			Tubificidae	18
		2	<i>Branchiura sowerbyi</i>	18
			Chironomidae	36
			<i>Cladotanytarsus</i> sp.	18
			<i>Procladius</i> sp.	18
			<i>Sphaerium</i> sp.	18
			Tubificidae	54
		3	<i>Branchiura sowerbyi</i>	36

02447020 TOMBIGBEE RIVER ABOVE GAINESVILLE L&D, AL
TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 16	20	1	<i>Branchiura sowerbyi</i>	73
			<i>Chaoborus</i> sp.	73
			<i>Coelotanypus</i> sp.	54
		2	<i>Hexagenia</i> sp.	18
			<i>Ablabesmyia</i> sp.	73
			<i>Branchiura sowerbyi</i>	73
		3	<i>Chaoborus</i> sp.	109
			<i>Coelotanypus</i> sp.	54
			<i>Hexagenia</i> sp.	18
		3	Tubificidae	54
			<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	36
		3	<i>Coelotanypus</i> sp.	91
			<i>Hexagenia</i> sp.	163
			Tubificidae	109
	50	1	<i>Chaoborus</i> sp.	2629
			<i>Coelotanypus</i> sp.	145
			<i>Hexagenia</i> sp.	18
		2	Tubificidae	344
			<i>Ablabesmyia</i> sp.	18
			<i>Chaoborus</i> sp.	2919
		3	<i>Coelotanypus</i> sp.	36
			<i>Hexagenia</i> sp.	18
			Tubificidae	127
		3	<i>Ablabesmyia</i> sp.	36
			<i>Chaoborus</i> sp.	2176
			<i>Coelotanypus</i> sp.	73
		3	<i>Hexagenia</i> sp.	54
			<i>Polypedilum</i> sp.	18
			<i>Procladius</i> sp.	18
		3	Tubificidae	127

02447020

TOMBIGBEE RIVER ABOVE GAINESVILLE L&D, AL - CONTINUED
TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 16	80	1	<i>Ablabesmyia</i> sp.	73
			<i>Chaoborus</i> sp.	109
			<i>Coelotanypus</i> sp.	18
			<i>Hexagenia</i> sp.	73
			<i>Sphaerium</i> sp.	181
		2	<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	54
			<i>Coelotanypus</i> sp.	18
			<i>Hexagenia</i> sp.	145
			<i>Sphaerium</i> sp.	18
		3	<i>Coelotanypus</i> sp.	73
			<i>Hexagenia</i> sp.	109
			<i>Sphaerium</i> sp.	109
			Tubificidae	18

02448500 NOXUBEE RIVER NEAR GEIGER, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 17	80	1	<i>Ablabesmyia</i> sp.	344
			<i>Anodonta imbecillis</i>	145
			<i>Argia</i> sp.	127
			Bithyniidae	91
			<i>Boyeria</i> sp.	18
			<i>Branchiura sowerbyi</i>	199
			<i>Callibaetis</i> sp.	18
			<i>Corbicula</i> sp.	1215
			<i>Dicrotendipes</i> sp.	18
			<i>Dineutus</i> sp.	18
			<i>Dubiraphia</i> sp.	18
			<i>Enallagma</i> sp.	163
			Erpobdellidae	73
			<i>Eupera cubensis</i>	18
			<i>Goniobasis</i> sp.	18
			<i>Hetaerina</i> sp.	54
			<i>Menetus</i> sp.	18
			<i>Microtendipes</i> sp.	18
			<i>Palaemonetes kadiakensis</i>	218
			<i>Parachironomus</i> sp.	18
			<i>Pleurocera</i> (syn. <i>oxytrema</i>) sp.	399
			<i>Sphaerium</i> sp.	36
			<i>Stenonema</i> sp.	18
			<i>Tricorythodes</i> sp.	36

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 25	50	1	<i>Baetis</i> sp.	18
			Tubificidae	18
		2	<i>Corbicula manilensis</i>	18
	80	1	<i>Coelotanypus</i> sp.	18
			Tubificidae	18

02449000 TOMBIGBEE RIVER AT GAINESVILLE, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 16	20	1	<i>Sphaerium</i> sp.	18
			Tubificidae	54
		2	<i>Chaoborus</i> sp.	18
			<i>Coelotanypus</i> sp.	18
			<i>Cryptochironomus</i> sp.	18
			Oligochaeta	36
			<i>Stictochironomus</i> sp.	54
			Tubificidae	54
		3	<i>Ablabesmyia</i> sp.	18
			<i>Axarus</i> sp.	18
			<i>Chaoborus</i> sp.	18
			<i>Corbicula</i> sp.	18
			<i>Eupera cubensis</i>	18
			<i>Stictochironomus</i> sp.	18
			Tubificidae	18
	50	1	<i>Chaoborus</i> sp.	54
		2	<i>Chaoborus</i> sp.	54
			<i>Cryptochironomus</i> sp.	18
		3	<i>Chaoborus</i> sp.	54
			<i>Gomphus</i> sp.	18
			<i>Sphaerium</i> sp.	18
	80		<i>Tanypus</i> sp.	18
		1	<i>Chaoborus</i> sp.	36
			Chironomidae	18
			<i>Cyrnellus fraternus</i>	18
			Tubificidae	36
		2	<i>Chaoborus</i> sp.	54
			<i>Coelotanypus</i> sp.	18
			<i>Cryptochironomus</i> sp.	218
			Oligochaeta	36
			Tubificidae	36
		3	<i>Axarus</i> sp.	18
			<i>Cryptochironomus</i> sp.	36
			<i>Cyrnellus fraternus</i>	18
			<i>Polypedilum</i> sp.	18
			<i>Sphaerium</i> sp.	18
			<i>Stictochironomus</i> sp.	18

02466998 TOMBIGBEE RIVER ABOVE DEMOPOLIS L&D, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 25	50	1	<i>Branchiura sowerbyi</i>	18
			<i>Ceratopogonidae</i>	36
			<i>Chaoborus</i> sp.	36
			Chironmini Genus B	18
			<i>Coelotanypus</i> sp.	54
			<i>Corbicula manilensis</i>	218
			<i>Cryptochironomus</i> sp.	18
			<i>Harnischia</i> sp.	18
			<i>Hexagenia bilineata</i>	36
			<i>Procladius</i> sp.	18
			<i>Tubificidae</i>	18
		2	<i>Ceratopogonidae</i>	36
			<i>Coelotanypus</i> sp.	73
			<i>Corbicula manilensis</i>	36
			<i>Epoicocladius</i> sp.	18
			<i>Hexagenia bilineata</i>	109
		3	<i>Tubificidae</i>	18
			<i>Branchiura sowerbyi</i>	18
			<i>Ceratopogonidae</i>	109
			<i>Chaoborus</i> sp.	36
			Chironmini Genus B	18
			<i>Chironomidae</i>	18
			<i>Coelotanypus</i> sp.	109
			<i>Corbicula manilensis</i>	326
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia bilineata</i>	109
			<i>Oecetis</i> sp.	18
			<i>Tubificidae</i>	73
	80	1	<i>Branchiura sowerbyi</i>	73
			<i>Chaoborus</i> sp.	36
			<i>Coelotanypus</i> sp.	218
			<i>Corbicula manilensis</i>	54
			<i>Cryptochironomus</i> sp.	18
			<i>Epoicocladius</i> sp.	18
			<i>Hexagenia bilineata</i>	453
			<i>Tubificidae</i>	36

02466998

TOMBIGBEE RIVER ABOVE DEMOPOLIS L&D, AL - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
MAR 25	80	2	<i>Branchiura sowerbyi</i>	18
			Chironmini Genus B	18
			Chironomidae	54
			<i>Coelotanypus</i> sp.	635
			<i>Corbicula manilensis</i>	73
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia bilineata</i>	363
			<i>Procladius</i> sp.	36
		3	<i>Branchiura sowerbyi</i>	18
			Ceratopogonidae	18
			Chironomidae	18
			<i>Coelotanypus</i> sp.	36
			<i>Corbicula manilensis</i>	36
			<i>Harnischia</i> sp.	18
			<i>Hexagenia bilineata</i>	145
			<i>Polypedilum</i> sp.	18
			Tubificidae	18

02466998 TOMBIGBEE RIVER ABOVE DEMOPOLIS L&D, AL
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 17	20	1	<i>Chaoborus</i> sp.	290
			<i>Hexagenia</i> sp.	18
			<i>Procladius</i> sp.	36
		2	<i>Chaoborus</i> sp.	326
			Erpobdellidae	18
			<i>Procladius</i> sp.	18
		3	<i>Sphaerium</i> sp.	36
			<i>Chaoborus</i> sp.	526
			<i>Coelotanypus</i> sp.	18
			Erpobdellidae	18
			<i>Procladius</i> sp.	54
			<i>Sphaerium</i> sp.	18
			Tubificidae	18
			<i>Viviparus</i> sp.	18
	50	1	<i>Chaoborus</i> sp.	145
			Erpobdellidae	18
		2	<i>Chaoborus</i> sp.	145
			Tubificidae	36
		3	<i>Chaoborus</i> sp.	109
			Tubificidae	18
	80	1	<i>Ablabesmyia</i> sp.	18
			<i>Branchiura sowerbyi</i>	54
			<i>Chaoborus</i> sp.	127
			Chironmini Genus B	127
			<i>Hexagenia</i> sp.	91
			<i>Procladius</i> sp.	18
			Tubificidae	54
		2	<i>Ablabesmyia</i> sp.	109
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	127
			Chironmini Genus B	36
			<i>Cryptochironomus</i> sp.	18
			<i>Hexagenia</i> sp.	181
			<i>Obliquaria reflexa</i>	18
			<i>Procladius</i> sp.	36
			Tubificidae	54

02466998 TOMBIGBEE RIVER ABOVE DEMOPOLIS L&D, AL - CONTINUED
 TENNESSEE-TOMBIGBEE BENTHIC DATA 1986
 PONAR DREDGE SAMPLES

DATE	% DISTANCE FROM LEFT DESCENDING BANK	REPLICATE NUMBER	TAXON	NUMBER/M ²
JUL 17	80	3	<i>Ablabesmyia</i> sp.	18
			<i>Branchiura sowerbyi</i>	18
			<i>Chaoborus</i> sp.	109
			<i>Coelotanypus</i> sp.	36
			<i>Hexagenia</i> sp.	73
			<i>Somatogyrus subglobosa isogonua</i>	18
			<i>Viviparus</i> sp.	18