GROUND-WATER CONDITIONS IN GEORGIA, 2000

By Alan M. Cressler, Deborah K. Blackburn, and Kristen Bukowski McSwain

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CONVERSION FACTORS AND VERTICAL DATUM

CONVERSION FACTORS

Multiply	*by*	*to obtain*
	Length	
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
	Volume	
gallon per minute (gal/min)	0.06309	liter per second
million gallons per day (Mgal/d)	0.04381	cubic meter per second
	43.81	liter per second

VERTICAL DATUM

Sea Level—In this report, "sea level" refers to the National Geodetic Vertical Datum 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 "Sea Level Datum of 1929."

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ABSTRACT

Ground-water conditions in Georgia during 2000 and for the period of record were evaluated using data from U.S. Geological Survey ground-water-level and ground-water-quality monitoring networks. Data for 2000 included in this report are continuous water-level records from 133 wells and chloride analyses from 14 wells. Continuous water-level record from one well is incomplete for 2000 because data collection was discontinued.

In general, mean-annual water levels throughout Georgia were lower in 2000, than in 1999. These declines correspond to a major drought that covered most of the State.

Chloride concentration in water from the Upper Floridan aquifer in most of coastal Georgia was within drinking-water standards established by the Georgia Department of Natural Resources and the U.S. Environmental Protection Agency. In the Savannah area, chloride concentration has not changed appreciably with time. However, chloride concentration in water from some wells that tap the Floridan aquifer system in the Brunswick area exceeds the drinking-water standards.

INTRODUCTION

Ground-water-level and ground-water-quality data are essential for water-resource assessment and management. Ground-water-level fluctuations and trends can be used to estimate changes in aquifer storage resulting from the effects of ground-water withdrawal and recharge from precipitation. These data can be used to address water-management needs and to evaluate the effects of management and conservation programs.

As part of the ground-water investigations conducted by the U.S. Geological Survey (USGS), in cooperation with the State of Georgia and city and county governments, a Statewide water-level-measurement program was started in 1938. Initially, this program consisted of an observation-well network in the coastal area of Georgia to monitor variations in ground-water storage and quality. Additional wells were later included in areas where data could be used to aid in water resources development and management.

During 2000, periodic water-level measurements were made in 479 wells, and continuous water-level measurements were obtained from 169 wells. Continuous water-level records were obtained using analog (pen and chart) recorders, electronic data recorders that record the water level at 60-minute intervals, and real-time satellite telemetry that records the water level at 60-minute intervals and transmits water-levels every four hours for display on the USGS Georgia District Web site at *http://water.usgs.gov/ga/nwis/current?type=gw*. For wells having incomplete water-level record, water levels during periods of missing record may have been higher or lower than recorded water levels. Periodic water samples were collected from 86 wells during May through December 2000 and were analyzed to determine chloride concentration in the Savannah and Brunswick areas.

Purpose and Scope

This report presents selected ground-water-level and ground-water-quality data for Georgia for calendar year 2000 and for the period of record. Graphs showing ground-water levels in 133 wells are presented. Chloride concentrations in water collected from the Floridan aquifer system are shown in graphs for 14 wells in the Savannah and Brunswick areas. The text includes a brief discussion of the aquifers and aquifer systems, ground-water levels, and chloride concentration in water. An extensive list of references of water-resources investigations are presented in "Selected References;" previously published reports on Georgia ground-water conditions are listed in table 1.

Georgia Well-Identification Numbering System

Wells described in this report are given an identification number according to a system based on the USGS index of topographic maps of Georgia. Each 7.5-minute topographic quadrangle in the State has been assigned a three to four-digit number and letter designation (example, 07H, 11AA) beginning at the southwestern corner of the State. Numbers increase sequentially eastward and letters advance alphabetically northward. Quadrangles in the northern part of the State are designated by double letters; AA follows Z, and so forth. The letters "I", "O", "II", and "OO" are not used. Wells inventoried in each quadrangle are numbered consecutively, beginning with 01. Thus, the fourth well inventoried in the 11AA quadrangle is designated 11AA04. A map of the Georgia well-identification numbering system is shown in figure 1.

Hydrologic Unit Codes

The hydrologic unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as delineated on state hydrologic unit maps. Each hydrologic unit is identified by a six-digit number that indicates the hydrologic region (first two digits), hydrologic subregion (second two digits), and accounting unit (third two digits). A map of hydrologic units in Georgia is shown in figure 2.

Table 1. Previous reports on ground-water conditions in Georgia
[USGS, U.S. Geological Survey]

Year of data collection	USGS Open-File Report number	Anthor(s)	Year of publication
1977	79-213	U.S. Geological Survey	1978
1978	79-1290	Clarke, J.S., Hester, W.G., and O'Byrne, M.P.	1979
1979	80-501	Mathews, S.E., Hester, W.G., and O'Byrne, M.P.	1980
1980	81-1068	Mathews, S.E., Hester, W.G., and O'Byrne, M.P.	1981
1981	82-904	Mathews, S.E., Hester, W.G., and McFadden, K.W.	1982
1982	83-678	Stiles, H.R., and Mathews, S.E.	1983
1983	84-605	Clarke, J.S., Peck, M.F., Longsworth, S.A., and McFadden, K.W.	1984
1984	85-331	Clarke, J.S., Longsworth, S.A., McFadden, K.W., and Peck, M.F.	1985
1985	86-304	Clarke, J.S., Joiner, C.N., Longsworth, S.A., McFadden, K.W.,and Peck, M.F.	1986
1986	87-376	Clarke, J.S., Longsworth, S.A., Joiner, C.N., Peck, M.F., McFadden, K.W., and Milby, B.J.	1987
1987	88-323	Joiner, C.N., Reynolds, M.S., Stayton, W.L., and Boucher, F.G.	1988
1988	89-408	Joiner, C.N., Peck, M.F., Reynolds, M.S., and Stayton, W.L.	1989
1989	90-706	Peck, M.F., Joiner, C.N., Clarke, J.S., and Cressler, A.M.	1990
1990	91-486	Milby, B.J., Joiner, C.N., Cressler, A.M., and West, C.T.	1991
1991	92-470	Peck, M.F., Joiner, C.N., and Cressler, A.M.	1992
1992	93-358	Peck, M.F., and Cressler, A.M.	1993
1993	94-118	Joiner, C.N., and Cressler, A.M.	1994
1994	95-302	Cressler, A.M., Jones, L.E., and Joiner, C.N.	1995
1995	96-200	Cressler, A.M.	1996
1996	97-192	Cressler, A.M.	1997
1997	98-172	Cressler, A.M.	1998
1998	99-204	Cressler, A.M.	1999
1999	00-151	Cressler, A.M.	2000

Ground-Water Resources

Contrasting geologic features and landforms of the physographic provinces of Georgia (table 2, fig. 3) result in substantial differences in ground-water conditions from one part of the State to another. These features that constitute the framework of the aquifers affect the quantity and quality of ground water throughout the State.

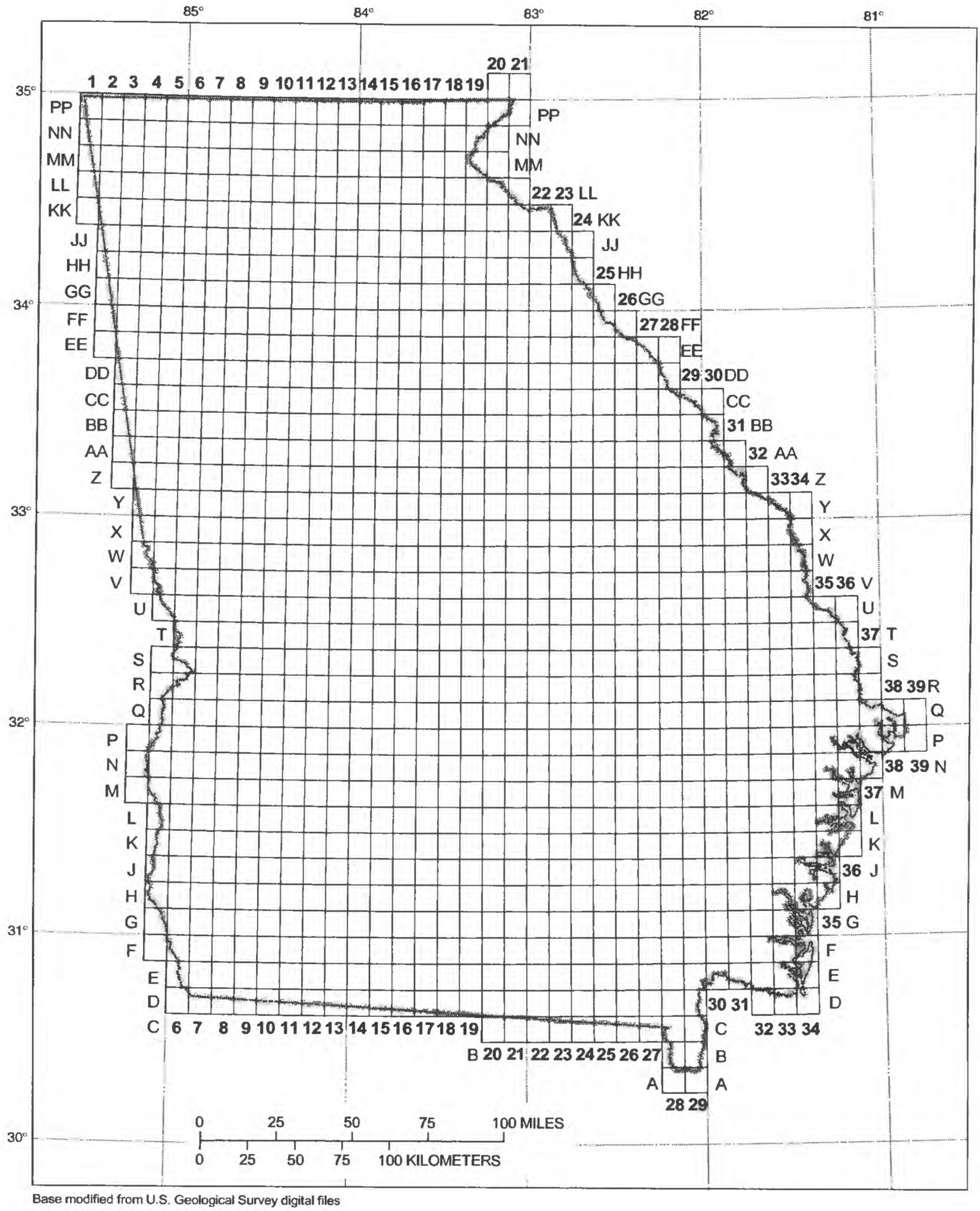
Surficial aquifers are present in each of the physiographic provinces. In the Piedmont, Blue Ridge, and Valley and Ridge Provinces (fig. 3), the surficial aquifers consist of soil, saprolite, stream alluvium, colluvium, and other surficial deposits.

In the Coastal Plain Province, the surficial aquifers consist of intermixed layers of sand, clay, and limestone. The surficial aquifers usually are under water-table (unconfined) conditions and are used for domestic and livestock supplies. These aquifers are semiconfined locally in the coastal area.

In the Piedmont and Blue Ridge Provinces, the geology is complex and consists of structurally deformed metamorphic and igneous rocks. Ground water is transmitted through secondary openings along fractures, foliation, joints, contacts, or other features in the crystalline bedrock.

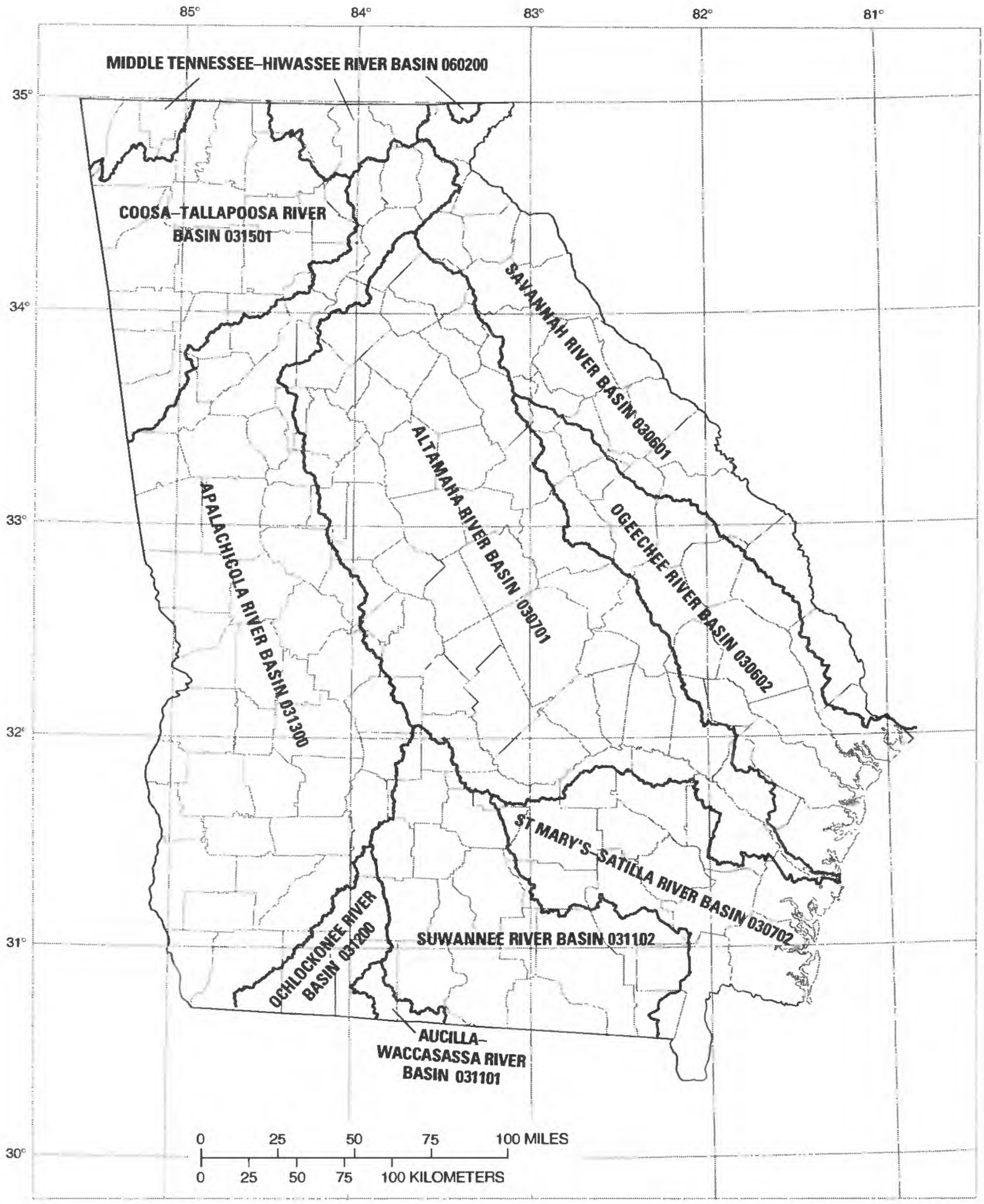
In the Valley and Ridge Province, ground water is transmitted through primary and secondary openings in folded and faulted sedimentary and metasedimentary rocks of Paleozoic age.

The most productive aquifers in Georgia are in the Coastal Plain Province in the southern half of the State. The Coastal Plain is underlain by alternating layers of sand, clay, dolomite, and limestone that dip and thicken to the southeast. Coastal Plain aquifers generally are confined except near their northern limits where they crop out or are near land surface. Aquifers in the Coastal Plain include the upper and lower Brunswick aquifers, the Floridan aquifer system, the Claiborne aquifer, the Gordon aquifer, the Clayton aquifer, and the Cretaceous aquifers and aquifer systems.



Base modified from U.S. Geological Survey digital files

Figure 1. Georgia well-identification numbering system.



Base modified from U.S. Geological Survey digital files

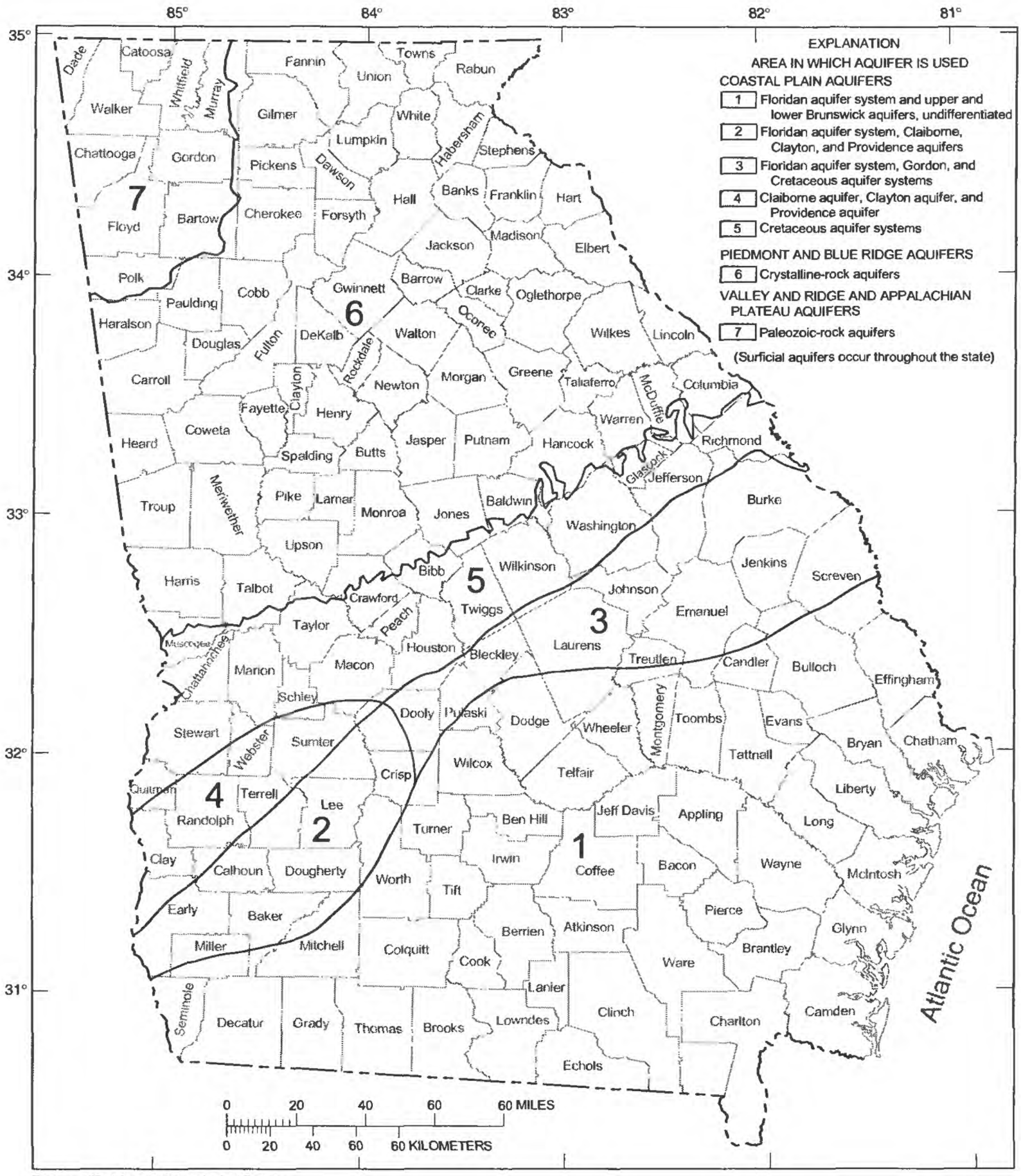
Figure 2. Hydrologic units in Georgia.

Table 2. Aquifer and well characteristics in Georgia

[modified from Clarke and Pierce (1984) and Peck and others (1992); ft, feet; gal/min, gallons per minute]

Aquifer name	Aquifer description	Well characteristics		
		Depth (ft)	Yield (gal/min)	
		Common range	Common range	May exceed
Surficial aquifer	unconsolidated sediments; residuum, generally unconfined	11-72	2-25	25
Upper and lower Brunswick aquifers	Phosphatic and dolomitic quartz sand, generally confined	85-390	10-30	180
Floridan aquifer system	limestone, dolomite, and calcareous sand, generally confined	40-900	1,000-5,000	11,000
Gordon aquifer system	sand and sandy limestone, generally confined	270-530	87-1,200	1,800
Claiborne aquifer	sand and sandy limestone, generally confined	20-450	150-600	1,500
Clayton aquifer	limestone and sand, generally confined	40-800	250-600	2,150
Cretaceous aquifers and aquifer systems	and and gravel, generally confined	30-750	50-1,200	3,300
Paleozoic-rock aquifers	sandstone, limestone, and dolostone	15-2,100	1-50	3,500
Crystalline-rock aquifers	granite, gneiss, schist, and quartzite	40-600	1-25	500

Hydrologic Response	Remarks
Water-level fluctuations are mainly caused by variations in precipitation, evapotranspiration, and natural drainage. In addition, water levels in the Brunswick area are influenced by nearby pumping, precipitation, and tidal fluctuations (Clarke and others, 1990). Water levels generally rise rapidly during wet periods and decline slowly during dry periods. Prolonged droughts may cause water levels to decline below pump intakes in shallow wells, particularly those located on hilltops and steep slopes, resulting in temporary well failures. Usually, well yields are restored by precipitation.	Primary source of water for domestic and livestock supply in rural areas. Supplemental source of water for irrigation supply in coastal Georgia.
In the coastal area, responds to pumping from the Upper Floridan aquifer as a result of the hydraulic connection between the aquifers (Clarke and others, 1990). Elsewhere, the water level mainly responds to seasonal variations in recharge and discharge. In Bulloch County, is unconfined to semiconfined and is influenced by variations in recharge from precipitation and by pumping from the Upper Floridan aquifer (Clarke and others, 1990). In the Wayne and Glynn County areas, the aquifers are confined and respond to nearby pumping (Clarke and others, 1990).	Not a major source of water in coastal Georgia, but considered a supplemental water supply to the Upper Floridan aquifer. Most wells are multi-aquifer, tapping the upper and lower Brunswick aquifers and the Upper Floridan aquifer.
In and near outcrop areas, the aquifer system is semiconfined and water levels in wells tapping the aquifer fluctuate seasonally in response to variations in recharge rate and pumping (Clarke and others, 1990). Near the coast, where the aquifer system is confined, water levels respond primarily to pumping, and fluctuations related to recharge are less pronounced (Clarke and others, 1990). Most of the water withdrawn from the Floridan aquifer system is from the Upper Floridan aquifer; a few water withdrawls in the Savannah area are from the Lower Floridan aquifer.	Supplies about 50 percent of ground water in Georgia. The aquifer system is divided into the Upper and Lower Floridan aquifers. In the Brunswick area, the Upper Floridan aquifer includes two freshwater-bearing zones, the upper water-bearing zone and the lower water-bearing zone. The Lower Floridan aquifer is not considered a major aquifer. In the Brunswick area and in southeastern Georgia, the Lower Floridan aquifer includes the brackish-water zone, the deep freshwater zone, and the Fernandina permeable zone (Krause and Randolph, 1989). The Lower Floridan aquifer extends to more than 2,700 ft and yields high-chloride water below 2,300 ft (Jones and Maslia, 1994).
Water levels influenced by seasonal fluctuations in recharge from precipitation, discharge to streams, and evapotranspiration (Clarke and others, 1985).	Major source of water for irrigation, industrial, and public-supply use in east-central Georgia.
Water levels affected mainly by precipitation and by local and regional pumping (Hicks and others, 1981). The water level is generally highest following the winter and spring rainy seasons, and lowest in the fall following the summer irrigation season.	Major source of water for irrigation, industrial, and public-supply use in southwestern Georgia.
Water levels affected by seasonal variations in local and regional pumping (Hicks and others, 1981).	Major source of water for irrigation, industrial, and public-supply use in southwestern Georgia.
Water levels influenced by variations in precipitation and pumping (Clarke and others, 1983, 1985).	Major source of water in east-central Georgia. Supplies water for kaolin mining and processing. Includes the Providence aquifer in southwestern Georgia, and the Dublin, Midville, and Dublin-Midville aquifer systems in east-central Georgia.
Water levels affected mainly by precipitation and local pumping (Cressler, 1964).	Not laterally extensive. Limestone and dolostone aquifers are most productive. Storage is in regolith, primary openings, and secondary fractures and solution openings in rock. Springs in limestone and dolostone aquifers discharge at rates of as much as 5,000 gal/min. Sinkholes may form in areas of intensive pumping.
Water levels affected mainly by precipitation and evapotranspiration, and locally by pumping (Cressler and others, 1983). Precipitation can cause a rapid rise in water levels in wells tapping aquifers overlain by thin regolith.	Not laterally extensive. Storage is in regolith and fractures in rock.



Base modified from U.S. Geological Survey digital files

Figure 3. Major aquifers in Georgia (modified from Clarke and Pierce, 1984).

GROUND-WATER LEVELS

Short-term fluctuations and long-term trends in ground-water levels result from variations in recharge and discharge. Recharge varies in response to precipitation and surface-water infiltration into an aquifer. Discharge occurs as natural flow from an aquifer to streams and springs, as evapotranspiration, and as withdrawal from wells.

In this report, ground-water levels for 133 continuously monitored wells are grouped by aquifer and subdivided into areas and sub-areas in which wells have similar water-level fluctuations and trends. Locations of monitoring wells are shown in figures 4-23. Table 3 lists wells subdivided by county; table 4 lists wells subdivided by river basin.

Water-level hydrographs for each of the 133 wells are shown in the appendix, sorted according to Georgia well-identification number. Each hydrograph includes plots showing mean daily water levels for 2000, and mean-monthly water levels for the period of record. The hydrographs also include descriptive well information (construction characteristics, location, land-surface altitude, and remarks), monthly and annual water-level statistics (minimum, mean, and maximum), and extremes for the period of record (maximum and minimum water level).

Monthly statistics are not computed for months having less than 25 days of record and annual mean values are not computed if the year has more than 30 days of missing record. Water levels for the period of record and tabulated water-level statistics are reported to the nearest 0.01 ft., reflecting the accuracy of the data recorders used. Land-surface altitudes generally were determined from the best available topographic map, and are accurate to about one-half the contour interval. Some land-surface altitudes were determined by surveying methods or Global Positioning System (GPS) and are more accurate. In this report, an extreme water level, listed in the well site information, refers to the lowest or highest daily mean water level for the period of record of a particular well. Thus, any instantaneous water-level measurement on a given day may be lower or higher than the extreme water level reported in the text, the daily mean water level shown on the hydrograph, or the minimum or maximum values tabulated.

Water-level trends during 1999-2000 are listed on figures 4-23, and were computed by subtracting the 2000 mean-annual water level from the 1999 mean-annual water level—when positive, indicates water-level rise; when negative, indicates water-level decline. In general, ground-water levels throughout Georgia were lower in 2000 than in 1999, reflecting effects of a prolonged drought. The largest declines (exceeding 8 feet) occurred in the Upper Floridan, Clayton, and Claiborne aquifers in the southwestern part of the State (see wells 08K001, 09M007, 12L020, and 13L015). Well 09M007 completed in the Clayton aquifer had the largest decline in mean-annual water level in 2000 (11.31 ft.).

Table 3. Observation wells for which hydrographs are included in this report, by county

County	Well identification number	Site name	Aquifer name	Page Number
Baker	12K014	Blue Springs, observation well	Upper Floridan	85
Bulloch	31U008	Georgia Geologic Survey, Hopeulikit, test well 1	Floridan	131
Bulloch	31U009	Georgia Geologic Survey, Hopeulikit, test well 2	upper Brunswick	132
Bulloch	32R002	Georgia Geologic Survey, Bulloch South, test well 1	Upper Floridan	136
Burke	28X001	U.S. Geological Survey, Midville, test well 1	Midville aquifer system	128
Burke	32Y030	Brighams Landing, test well 1	lower Midville	137
Burke	32Y031	Brighams Landing, test well 2	lower Dublin	138
Burke	32Y033	Brighams Landing, test well 3	Gordon aquifer system	139
Calhoun	10K005	Bill Jordan, Ocala well	Upper Floridan	69
Camden	33D069	U.S. National Park Service, Cumberland Island National Seashore	Upper Floridan	140
Camden	33E007	Huntly-Jiffy	Upper Floridan	141
Camden	33E027	U.S. Navy, Kings Bay, test well 1	Upper Floridan	142
Camden	33E054	Rayland Company No. 1	Upper Floridan	143
Charlton	27E004	U.S. Geological Survey, test well OK-9	Upper Floridan	126
Chatham	35P094	University of Georgia, Bamboo Farm well	surficial (sand of Holocene and Pleistocene age)	169
Chatham	36Q008	Layne-Atlantic Company	Upper Floridan	170
Chatham	36Q020	H.J. Morrison	Upper Floridan	171
Chatham	37P114	Georgia Geologic Survey, Skidaway Institute, test well 2	Upper Floridan	172
Chatham	37P116	Georgia Geologic Survey, Skidaway Institute, test well 4	surficial (sand of Miocene and post-Miocene age)	173
Chatham	37Q016	East Coast Terminal well	Upper Floridan	174
Chatham	37Q185	U.S. Geological Survey, Hutchinson Island, test well 1	Upper Floridan	175
Chatham	37Q186	U.S. Geological Survey, Hutchinson Island, test well 2	Paleocene and Cretaceous aquifer system	176
Chatham	38Q002	U.S. National Park Service, test well 6	Upper Floridan	177
Chatham	38Q201	U.S. National Park Service, Fort Pulaski, test well	Paleocene and Cretaceous aquifer system	178
Chatham	39Q003	U.S. Geological Survey, test well 7	Upper Floridan	179
Chatham	39Q024	Tybee Island, test well 1	Lower Floridan	180
Chatham	39Q025	Tybee Island, test well 2	surficial	181
Chatham	39Q026	Tybee Island, test well 3	upper Brunswick	182
Chattahoochee	06S001	U.S. Army, Fort Benning	Cretaceous (Blufftown, Eutaw, and Tuscaloosa Formations)	54
Cherokee	09JJ02	Reinhardt Colleage, well A	crystalline rock	64
Cook	18H016	U.S. Geological Survey, Adel test well	Upper Floridan	113
Crisp	14P014	Georgia Geologic Survey, Veteran's Memorial State Park, test well 1	Clayton	109
Crisp	14P015	Georgia Geologic Survey, Veteran's Memorial State Park, test well 2	Claiborne	110
Dawson	12JJ04	U.S. Geological Survey, test well 1	crystalline rock	84
Decatur	09F520	Graham Bolton	Upper Floridan	61
Decatur	09G001	U.S. Geological Survey, test well DP-4	Upper Floridan	62
Decatur	09G003	U.S. Geological Survey, test well DP-6	surficial (sediments of Eocene age)	63
DeKalb	11FF04	U.S. Geological Survey, test well 5	crystalline rock	71
Dougherty	11K002	U.S. Geological Survey, test well 11	Claiborne	75
Dougherty	11K003	Nilo test well, north	Upper Floridan	76
Dougherty	11K005	U.S. Geological Survey, test well 12	Clayton	77

Table 3. Observation wells for which hydrographs are included in this report, by county—Continued

County	Well identification number	Site name	Aquifer name	Page Number
Dougherty	11K015	U.S. Geological Survey, test well 14	Upper Floridan	78
Dougherty	11L001	U.S. Geological Survey, test well 4	Claiborne	79
Dougherty	11L002	Georgia Geologic Survey, Albany Nursery	Clayton	80
Dougherty	12L019	U.S. Geological Survey, test well 5	Claiborne	86
Dougherty	12L020	U.S. Geological Survey, test well 6	Clayton	87
Dougherty	12L021	U.S. Geological Survey, test well 10	Providence	88
Dougherty	12L028	Vandy W. Musgrove	Upper Floridan	89
Dougherty	12L029	U.S. Geological Survey, test well 13	Upper Floridan	90
Dougherty	12L030	U.S. Geological Survey, test well 16	Upper Floridan	91
Dougherty	13K014	U.S. Geological Survey, test well 15	Upper Floridan	97
Dougherty	13L002	Albany Water, Gas, and Light Commission, Turner City 2	Clayton	98
Dougherty	13L003	City of Albany and Dougherty County	Upper Floridan	99
Dougherty	13L011	U.S. Geological Survey, test well 2	Claiborne	100
Dougherty	13L012	U.S. Geological Survey, test well 3	Upper Floridan	101
Dougherty	13L013	U.S. Geological Survey, test well 7	Clayton	102
Dougherty	13L015	Miller Brewing Company	Claiborne	103
Dougherty	13L048	U.S. Geological Survey, test well 17	Upper Floridan	104
Dougherty	13L049	Miller Ammo Supply	Upper Floridan	105
Early	06K009	Georgia Geologic Survey, Kolomoki Mounds State Park, test well 1	Clayton	52
Early	06K010	Georgia Geologic Survey, Kolomoki Mounds State Park, test well 3	Claiborne	53
Early	08K001	Ike Newberry, test well 1	Upper Floridan	60
Fulton	10DD02	U.S. Army, Fort McPherson	crystalline rock (biotite gneiss)	67
Glynn	33H127	U.S. Geological Survey, test well 3	Upper Floridan; lower water-bearing zone	144
Glynn	33H133	U.S. Geological Survey, test well 6	Upper Floridan; upper water-bearing zone	145
Glynn	33H141	U.S. Geological Survey, test well 12	Upper Floridan	146
Glynn	33H188	U.S. Geological Survey, test well 26	Lower Floridan; Fernandina permeable zone	147
Glynn	33H206	Georgia-Pacific, south, test well1	Lower Floridan	148
Glynn	33H207	Georgia-Pacific, south, test well 2	Upper Floridan; upper water-bearing zone	149
Glynn	33H208	Georgia-Pacific, south, test well 3	surficial (sand of Miocene and post-Miocene age)	150
Glynn	33J044	U.S. Geological Survey, test well 27	Lower Floridan	151
Glynn	34H125	U.S. Geological Survey, test well 1	Upper Floridan	153
Glynn	34H334	U.S. Geological Survey, test well 4	Upper Floridan; lower water-bearing zone	154
Glynn	34H344	U.S. Geological Survey, test well 7	Upper Floridan; upper water-bearing zone	155
Glynn	34H354	U.S. Geological Survey, test well 8	Upper Floridan; lower water-bearing zone	156
Glynn	34H355	U.S. Geological Survey, test well 9	Upper Floridan; upper water-bearing zone	157
Glynn	34H371	U.S. Geological Survey, test well 11	Upper Floridan; upper water-bearing zone	158
Glynn	34H391	U.S. Geological Survey, test well 16	Lower Floridan; brackish-water zone	159
Glynn	34H403	U.S. Geological Survey, test well 24	Upper Floridan; lower water-bearing zone	160

Table 3. Observation wells for which hydrographs are included in this report, by county—Continued

County	Well identification number	Site name	Aquifer name	Page Number
Glynn	34H424	Hercules Inc., T well	Upper Floridan	161
Glynn	34H434	Glynn County Courthouse (deep)	Upper Floridan; upper water-bearing zone	162
Glynn	34H436	Georgia Geologic Survey, Coffin Park, test well 1	Lower Floridan; brackish-water zone	163
Glynn	34H437	Georgia Geologic Survey, Coffin Park, test well 2	upper Brunswick	164
Glynn	34H438	Georgia Geologic Survey, Coffin Park, test well 3	surficial (sand of Miocene and post-Miocene age)	165
Glynn	34H447	Glynn County Courthouse (shallow)	surficial (sand of Miocene or post-Miocene age)	166
Gordon	07KK64	Calhoun, Georgia, test well 1	Paleozoic rock (Knox Group)	57
Grady	12F036	U.S. Geological Survey, Cairo	Floridan	83
Greene	21BB04	Charles Veazey	crystalline rock	119
Johnson	24V001	U.S. Geological Survey, test well 1	Midville aquifer system	123
Lamar	12Z001	Dixie Pipeline	surficial (residuum)	95
Laurens	21T001	Danny Hogan	Upper Floridan	120
Laurens	21U004	Georgia Department of Natural Resources, Laurens No. 3	Midville aquifer system	121
Lee	11P014	Pete Long, test well 1	Clayton	81
Lee	11P015	Pete Long, test well 2	Claiborne	82
Lee	12M001	U.S. Geological Survey, test well 8	Claibome	92
Lee	12M002	U.S. Geological Survey, test well 9	Clayton	93
Lee	12M017	U.S. Geological Survey, test well 19	Upper Floridan	94
Liberty	34N089	U.S. Geological Survey, test well 1	Upper Floridan	167
Long	33M004	U.S. Geological Survey, test well 3	Upper Floridan	152
Lowndes	19E009	City of Valdosta	Upper Floridan	117
Madison	19HH12	Meadowlake Estates	crystalline rock	118
McIntosh	35M013	U.S. Fish and Wildlife Service	Upper Floridan	168
Miller	07H002	U.S. Geological Survey, test well DP-2	Upper Floridan	55
Miller	07H003	U.S. Geological Survey, test well DP-3	surficial (residuum)	56
Miller	08G001	Viercocken	Upper Floridan	59
Mitchell	10G313	Harvey Meinders	Upper Floridan	68
Mitchell	11J011	U.S. Geological Survey, test well DP-10	Claiborne	72
Mitchell	11J012	U.S. Geological Survey, test well DP-11	Upper Floridan	73
Mitchell	11J013	U.S. Geological Survey, test well DP-12	surficial (sediments of Eocene age)	74
Mitchell	13J004	Aurora Dairy	Upper Floridan	96
Montgomery	25Q001	Montgomery County Board of Education	Upper Floridan	124
Pulaski	18T001	U.S. Geological Survey, Arrowhead test well 1	Midville aquifer system	115
Randolph	07N001	City of Cuthbert	Clayton	58
Randolph	09M007	C.T. Martin, test well 2	Clayton	65
Randolph	09M009	C.T. Martin, test well 1	Claiborne	66
Richmond	30AA04	Richmond County Water System, U.S. Geological Survey, McBean 2	Dublin-Midville aquifer system	129
Seminole	06F001	Roddenbery Company Farms, test well 1	Upper Floridan	51
Spalding	11AA01	University of Georgia, Experiment Station	surficial (residuum)	70
Tift	18K049	U.S. Geological Survey, test well 1	Upper Floridan	114
Toombs	26R001	City of Vidalia, well 2	Upper Floridan	125
Twiggs	18U001	Georgia Kraft, U.S. Geological Survey, test well 3	Dublin aquifer system	116
Walker	03PP01	U.S. National Park Service, Chickamauga Battlefield Park	Paleozoic rock (Chickamauga Limestone)	50

Table 3. Observation wells for which hydrographs are included in this report, by county—Continued

County	Well identification number	Site name	Aquifer name	Page Number
Ware	27G003	U.S. Geological Survey, test well 1	Floridan	127
Washington	23X027	City of Sandersville, well 8	Dublin-Midville aquifer system	122
Wayne	30L003	City of Jesup Housing Authority	Upper Floridan	130
Wayne	32L015	Georgia Geologic Survey, Gardi, test well 1	Upper Floridan	133
Wayne	32L016	Georgia Geologic Survey, Gardi, test well 2	upper Brunswick	134
Wayne	32L017	Georgia Geologic Survey, Gardi, test well 3	surficial (sand of Miocene and post-Miocene age)	135
White	16MM03	Unicoi State Park, well 4	crystalline rock	112
Worth	13M005	U.S. Geological Survey, test well DP-7	Claiborne	106
Worth	13M006	U.S. Geological Survey, test well DP-8	Upper Floridan	107
Worth	13M007	U.S. Geological Survey, test well DP-9	surficial (residuum)	108
Worth	15L020	City of Sylvester	Upper Floridan	111

Table 4. Observation wells for which hydrographs are included in this report, by river basin

County	Well identification number	Site name (Hydrologic unit code)	Aquifer name	Page number
		Altamaha River Basin (030701)		
Pulaski	18T001	U.S. Geological Survey, Arrowhead test well 1	Midville aquifer system	115
Twiggs	18U001	Georgia Kraft, U.S. Geological Survey, test well 3	Dublin aquifer system	116
Greene	21BB04	Charles Veazey	crystalline rock	119
Laurens	21T001	Danny Hogan	Upper Floridan	120
Laurens	21U004	Georgia Department of Natural Resources, Laurens No. 3	Midville aquifer system	121
Washington	23X027	City of Sandersville, well 8	Dublin-Midville aquifer system	122
Johnson	24V001	U.S. Geological Survey, test well 1	Midville aquifer system	123
Montgomery	25Q001	Montgomery County Board of Education	Upper Floridan	124
Toombs	26R001	City of Vidalia, well 2	Upper Floridan	125
Wayne	30L003	City of Jesup Housing Authority	Upper Floridan	130
Wayne	32L015	Georgia Geologic Survey, Gardi, test well 1	Upper Floridan	133
Wayne	32L016	Georgia Geologic Survey, Gardi, test well 2	upper Brunswick	134
Wayne	32L017	Georgia Geologic Survey, Gardi, test well 3	surficial (sand of Miocene and post-Miocene age)	135
		Apalachicola River Basin (031300)		
Seminole	06F001	Roddenbery Company Farms, test well 1	Upper Floridan	51
Early	06K009	Georgia Geologic Survey, Kolomoki Mounds State Park, test well 1	Clayton	52
Early	06K010	Georgia Geologic Survey, Kolomoki Mounds State Park, test well 3	Claiborne	53
Chattahoochee	06S001	U.S. Army, Fort Benning	Cretaceous (Blufftown, Eutaw, and Tuscaloosa Formations)	54
Miller	07H002	U.S. Geological Survey, test well DP-2	Upper Floridan	55
Miller	07H003	U.S. Geological Survey, test well DP-3	surficial (residuum)	56
Randolph	07N001	City of Cuthbert	Clayton	58
Miller	08G001	Viercocken	Upper Floridan	59
Early	08K001	Ike Newberry, test well 1	Upper Floridan	60
Decatur	09F520	Graham Bolton	Upper Floridan	61
Decatur	09G001	U.S. Geological Survey, test well DP-4	Upper Floridan	62
Decatur	09G003	U.S. Geological Survey, test well DP-6	surficial (sediments of Eocene age)	63
Randolph	09M007	C.T. Martin, test well 2	Clayton	65
Randolph	09M009	C.T. Martin, test well 1	Claiborne	66
Fulton	10DD02	U.S. Army, Fort McPherson	crystalline rock (biotite gneiss)	67
Mitchell	10G313	Harvey Meinders	Upper Floridan	68
Calhoun	10K005	Bill Jordan, Ocala well	Upper Floridan	69
Spalding	11AA01	University of Georgia, Experiment Station	surficial (residuum)	70
Dekalb	11FF04	U.S. Geological Survey, test well 5	crystalline rock	71
Mitchell	11J011	U.S. Geological Survey, test well DP-10	Claiborne	72
Mitchell	11J012	U.S. Geological Survey, test well DP-11	Upper Floridan	73
Mitchell	11J013	U.S. Geological Survey, test well DP-12	surficial (sediments of Eocene age)	74
Dougherty	11K002	U.S. Geological Survey, test well 11	Claiborne	75
Dougherty	11K003	Nilo test well, north	Upper Floridan	76
Dougherty	11K005	U.S. Geological Survey, test well 12	Clayton	77
Dougherty	11K015	U.S. Geological Survey, test well 14	Upper Floridan	78
Dougherty	11L001	U.S. Geological Survey, test well 4	Claiborne	79
Dougherty	11L002	Georgia Geologic Survey, Albany Nursery	Clayton	80
Lee	11P014	Pete Long, test well 1	Clayton	81
Lee	11P015	Pete Long, test well 2	Claiborne	82
Baker	12K014	Blue Springs, observation well	Upper Floridan	85

Table 4. Observation wells for which hydrographs are included in this report, by river basin—Continued

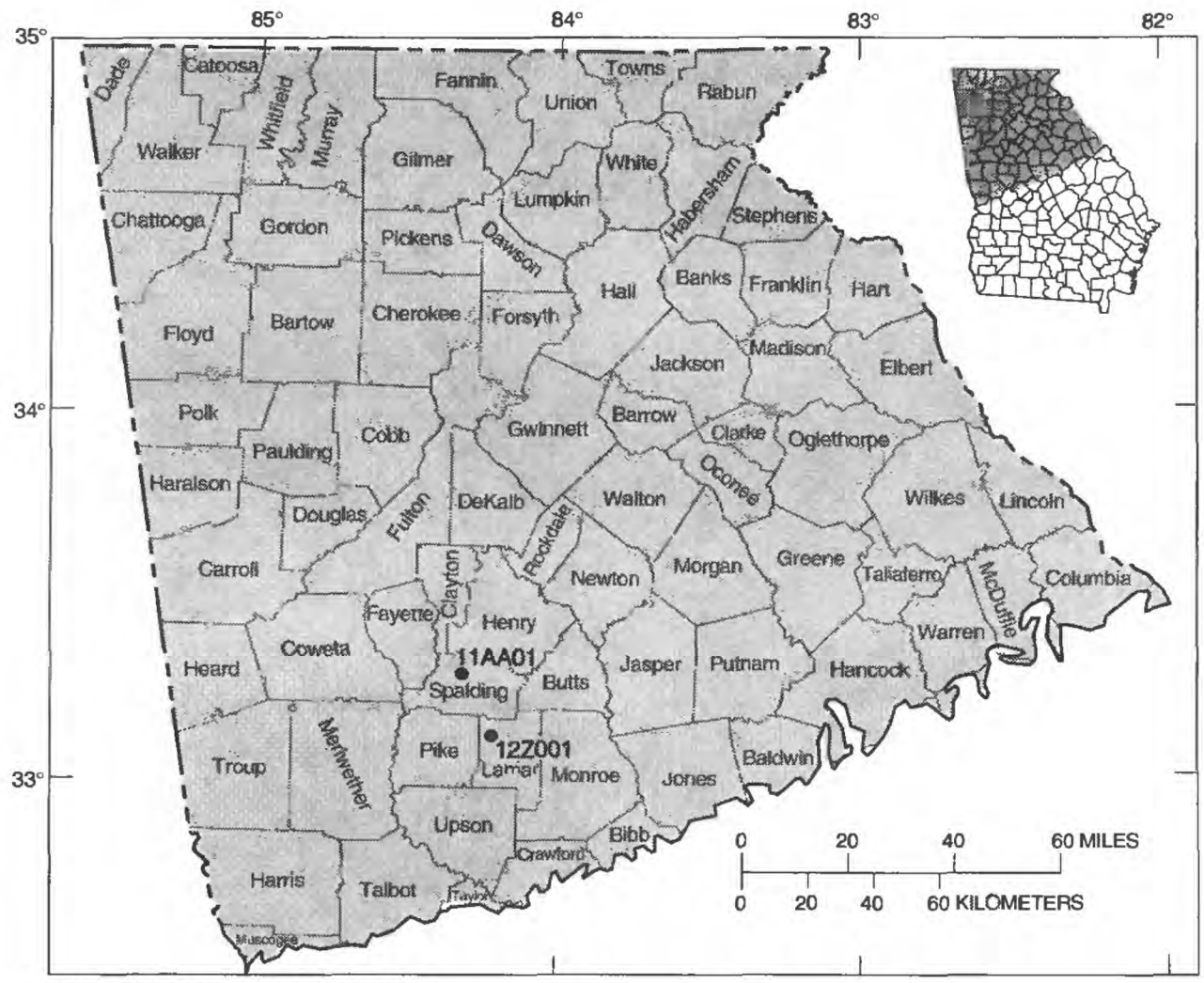
County	Well identification number	Site name (Hydrologic unit code)	Aquifer name	Page number
Dougherty	12L019	U.S. Geological Survey, test well 5	Claiborne	86
Dougherty	12L020	U.S. Geological Survey, test well 6	Clayton	87
Dougherty	12L021	U.S. Geological Survey, test well 10	Providence	88
Dougherty	12L028	Vandy W. Musgrove	Upper Floridan	89
Dougherty	12L029	U.S. Geological Survey, test well 13	Upper Floridan	90
Dougherty	12L030	U.S. Geological Survey, test well 16	Upper Floridan	91
Lee	12M001	U.S. Geological Survey, test well 8	Claiborne	92
Lee	12M002	U.S. Geological Survey, test well 9	Clayton	93
Lee	12M017	U.S. Geological Survey, test well 19	Upper Floridan	94
Lamar	12Z001	Dixie Pipeline	surficial (residuum)	95
Mitchell	13J004	Aurora Dairy	Upper Floridan	96
Dougherty	13K014	U.S. Geological Survey, test well 15	Upper Floridan	97
Dougherty	13L002	Albany Water, Gas, and Light Commission, Turner City 2	Clayton	98
Dougherty	13L003	City of Albany and Dougherty County	Upper Floridan	99
Dougherty	13L011	U.S. Geological Survey, test well 2	Claiborne	100
Dougherty	13L012	U.S. Geological Survey, test well 3	Upper Floridan	101
Dougherty	13L013	U.S. Geological Survey, test well 7	Clayton	102
Dougherty	13L015	Miller Brewing Company	Claiborne	103
Dougherty	13L048	U.S. Geological Survey, test well 17	Upper Floridan	104
Dougherty	13L049	Miller Ammo Supply	Upper Floridan	105
Worth	13M005	U.S. Geological Survey, test well DP-7	Claiborne	106
Worth	13M006	U.S. Geological Survey, test well DP-8	Upper Floridan	107
Worth	13M007	U.S. Geological Survey, test well DP-9	surficial (residuum)	108
Crisp	14P014	Georgia Geologic Survey, Veteran's Memorial State Park, test well 1	Clayton	109
Crisp	14P015	Georgia Geologic Survey, Veteran's Memorial State Park, test well 2	Claiborne	110
White	16MM03	Unicoi State Park, well 4	crystalline rock	112
		Coosa-Tallapoosa River Basins (031501)		
Gordon	07KK64	Calhoun, Georgia, test well 1	Paleozoic rock (Knox Group)	57
Cherokee	09JJ02	Reinhardt Colleage, well A	crystalline rock	64
Dawson	12JJ04	U.S. Geological Survey, test well 1	crystalline rock	84
		Middle Tennessee-Hiwassee River Basins (060200)		
Walker	03PP01	U.S. National Park Service, Chickamauga Battlefield Park	Paleozoic rock (Chickamauga Limestone)	50
		Ochlockonee River Basin (031200)		
Grady	12F036	U.S. Geological Survey, Cairo	Floridan	83
		Ogeechee River Basin (030602)		
Burke	28X001	U.S. Geological Survey, Midville, test well 1	Midville aquifer system	128
Bulloch	31U008	Georgia Geologic Survey, Hopeulikit, test well 1	Floridan	131
Bulloch	31U009	Georgia Geologic Survey, Hopeulikit, test well 2	upper Brunswick	132
Bulloch	32R002	Georgia Geologic Survey, Bulloch South, test well 1	Upper Floridan	136
Long	33M004	U.S. Geological Survey, test well 3	Upper Floridan	152
Liberty	34N089	U.S. Geological Survey, test well 1	Upper Floridan	167
McIntosh	35M013	U.S. Fish and Wildlife Service	Upper Floridan	168
Chatham	35P094	University of Georgia, Bamboo Farm well	surficial (sand of Holocene and Pleistocene age)	169
Chatham	36Q020	H.J. Morrison	Upper Floridan	171
Chatham	37P114	Georgia Geologic Survey, Skidaway Institute, test well 2	Upper Floridan	172
Chatham	37P116	Georgia Geologic Survey, Skidaway Institute, test well 4	surficial (sand of Miocene and post-Miocene age)	173
Chatham	39Q003	U.S. Geological Survey, test well 7	Upper Floridan	179

Table 4. Observation wells for which hydrographs are included in this report, by river basin—Continued

County	Well identification number	Site name (Hydrologic unit code)	Aquifer name	Page number
		St Mary's-Satilla River Basins (030702)		
Camden	33D069	U.S. National Park Service, Cumberland Island National Seashore	Upper Floridan	140
Camden	33E007	Huntly-Jiffy	Upper Floridan	141
Camden	33E027	U.S. Navy, Kings Bay, test well 1	Upper Floridan	142
Camden	33E054	Rayland Company No. 1	Upper Floridan	143
Glynn	33H127	U.S. Geological Survey, test well 3	Upper Floridan; lower water-bearing zone	144
Glynn	33H133	U.S. Geological Survey, test well 6	Upper Floridan; upper water-bearing zone	145
Glynn	33H141	U.S. Geological Survey, test well 26	Lower Floridan; Fernandina permeable zone	146
Glynn	33H188	Georgia-Pacific, south, test well1	Lower Floridan	147
Glynn	33H206	Georgia-Pacific, south, test well 2	Upper Floridan; upper water-bearing zone	148
Glynn	33H207	Georgia-Pacific, south, test well 3	surficial (sand of Miocene and post-Miocene age)	149
Glynn	33H208	U.S. Geological Survey, test well 27	Lower Floridan	150
Glynn	33J044	U.S. National Park Service, Cumberland Island National Seashore	Upper Floridan	151
Glynn	34H125	U.S. Geological Survey, test well 1	Upper Floridan	153
Glynn	34H334	U.S. Geological Survey, test well 4	Upper Floridan; lower water-bearing zone	154
Glynn	34H344	U.S. Geological Survey, test well 7	Upper Floridan; upper water-bearing zone	155
Glynn	34H354	U.S. Geological Survey, test well 8	Upper Floridan; lower water-bearing zone	156
Glynn	34H355	U.S. Geological Survey, test well 9	Upper Floridan; upper water-bearing zone	157
Glynn	34H371	U.S. Geological Survey, test well 11	Upper Floridan; upper water-bearing zone	158
Glynn	34H391	U.S. Geological Survey, test well 16	Lower Floridan; brackish-water zone	159
Glynn	34H403	U.S. Geological Survey, test well 24	Upper Floridan; lower water-bearing zone	160
Glynn	34H424	Hercules Inc., T well	Upper Floridan	161
Glynn	34H434	Glynn County Courthouse (deep)	Upper Floridan; upper water-bearing zone	162
Glynn	34H436	Georgia Geologic Survey, Coffin Park, test well 1	Lower Floridan; brackish-water zone	163
Glynn	34H437	Georgia Geologic Survey, Coffin Park, test well 2	upper Brunswick	164
Glynn	34H438	Georgia Geologic Survey, Coffin Park, test well 3	surficial (sand of Miocene and post-Miocene age)	165
Glynn	34H447	Glynn County Courthouse (shallow)	surficial (sand of Miocene or post-Miocene age)	166
		Savannah River Basin (030601)		
Madison	19HH12	Meadowlake Estates	crystalline rock	118
Richmond	30AA04	Richmond County Water System, U.S. Geological Survey, McBean 2	Dublin-Midville aquifer system	129
Burke	32Y030	Brighams Landing, test well 1	lower Midville	137
Burke	32Y031	Brighams Landing, test well 2	lower Dublin	138
Burke	32Y033	Brighams Landing, test well 3	Gordon aquifer system	139
Chatham	36Q008	Layne-Atlantic Company	Upper Floridan	170
Chatham	37Q016	East Coast Terminal well	Upper Floridan	174
Chatham	37Q185	U.S. Geological Survey, Hutchinson Island, test well 1	Upper Floridan	175
Chatham	37Q186	U.S. Geological Survey, Hutchinson Island, test well 2	Paleocene and Cretaceous aquifer system	176
Chatham	38Q002	U.S. National Park Service, test well 6	Upper Floridan	177
Chatham	38Q201	U.S. National Park Service, Fort Pulaski, test well	Paleocene and Cretaceous aquifer system	178
Chatham	39Q024	Tybee Island, test well 1	Lower Floridan	180
Chatham	39Q025	Tybee Island, test well 2	surficial	181
Chatham	39Q026	Tybee Island, test well 3	upper Brunswick	182
Worth	15L020	City of Sylvester	Upper Floridan	111
Cook	18H016	U.S. Geological Survey, Adel test well	Upper Floridan	113
Tift	18K049	U.S. Geological Survey, test well 1	Upper Floridan	114

Table 4. Observation wells for which hydrographs are included in this report, by river basin—Continued

County	Well identification number	Site name (Hydrologic unit code)	Aquifer name	Page number
Lowndes	19E009	City of Valdosta	Upper Floridan	117
Charlton	27E004	U.S. Geological Survey, test well OK-9	Upper Floridan	126
Ware	27G003	U.S. Geological Survey, test well 1	Floridan	127



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EXPLANATION

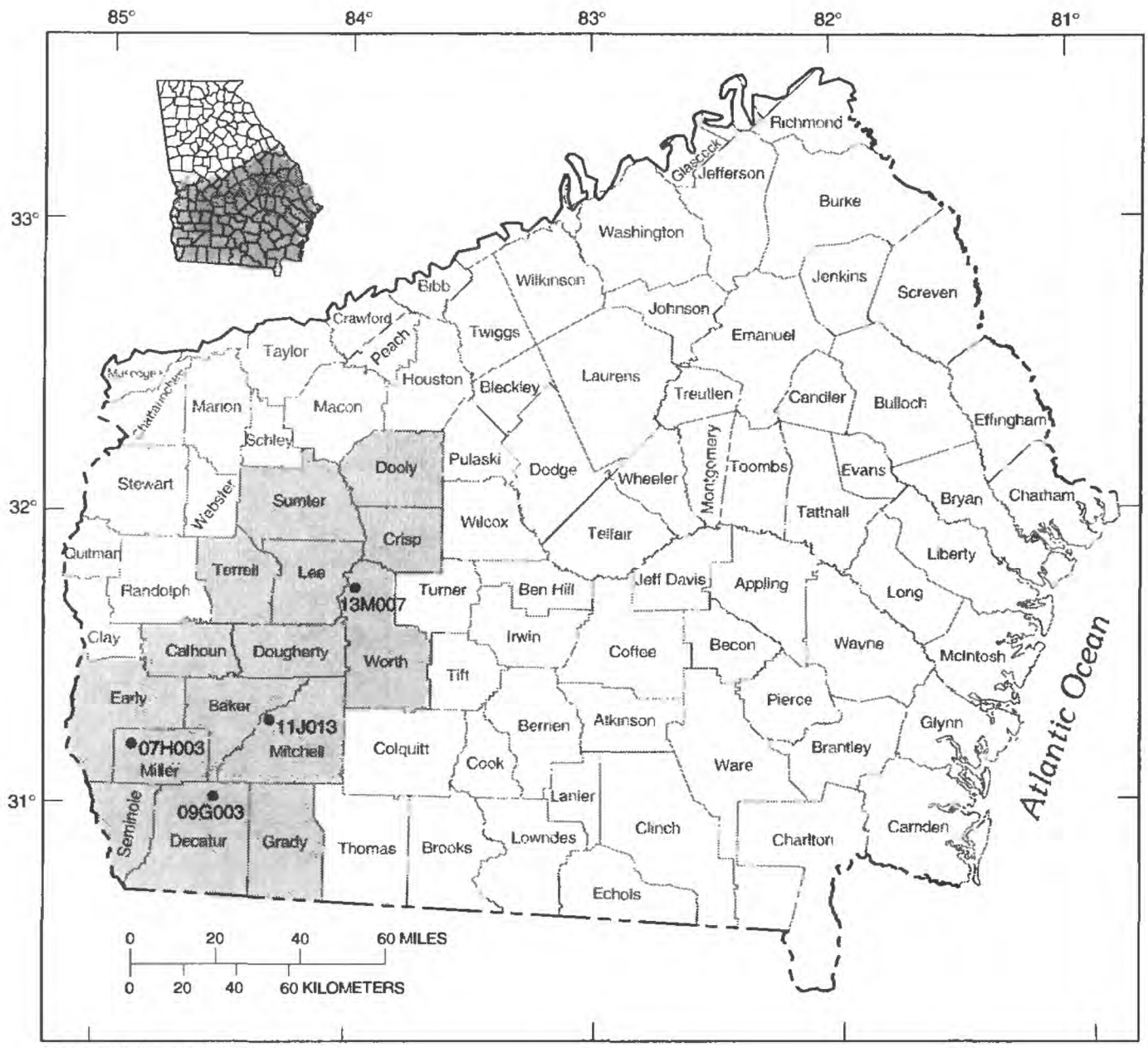
NORTHERN AREA

•12Z001 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
11AA01	Spalding	University of Georgia, Experiment Station	–1.06	70
12Z001	Lamar	Dixie Pipeline	—[2]	95

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 2000.

Figure 4. Observation wells completed in surficial aquifers, northern area, and water-level difference, 1999 to 2000.



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EXPLANATION

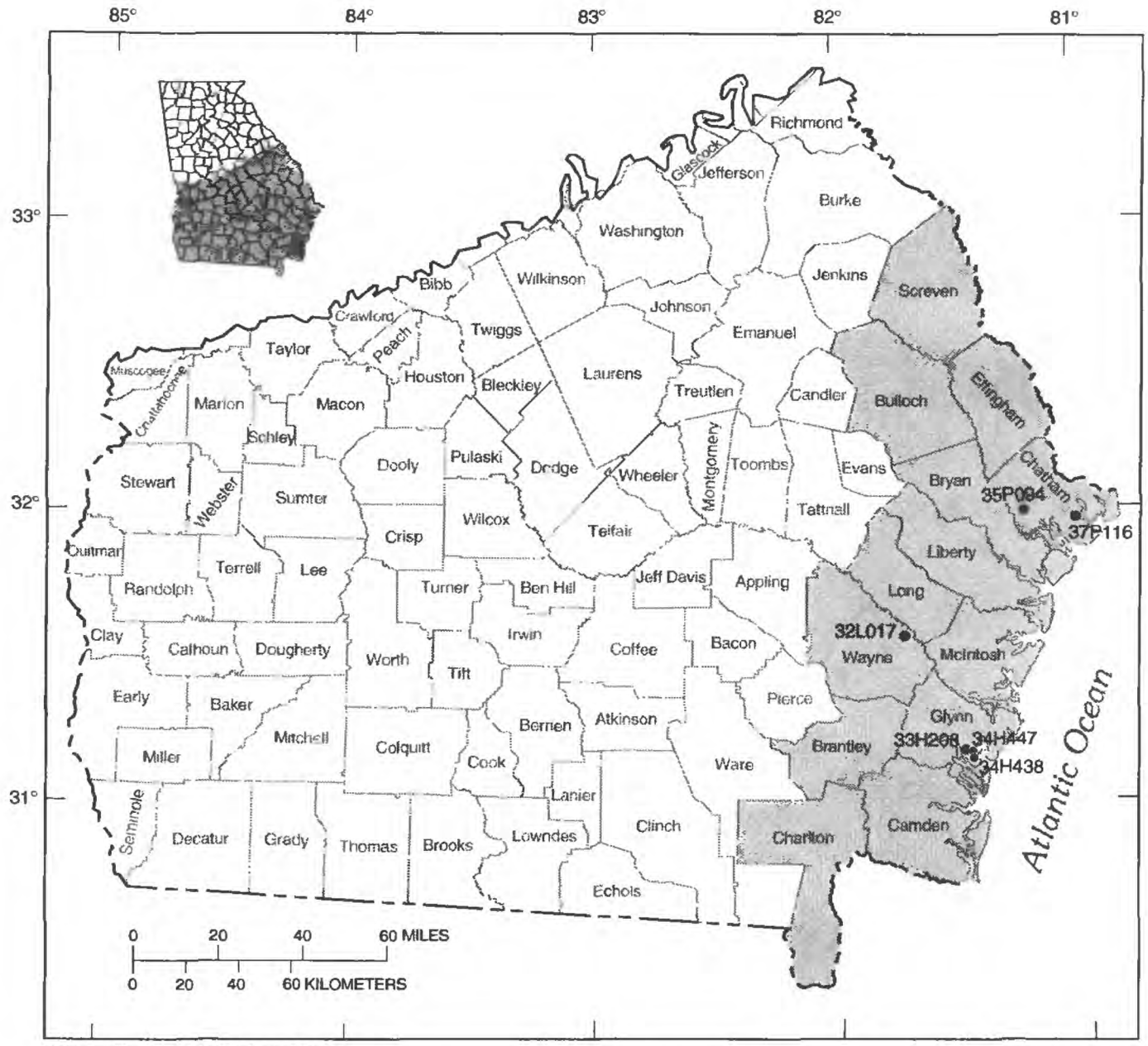
SOUTHWESTERN AREA

•11J013 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
07H003	Miller	U.S. Geological Survey, test well DP-3	–0.92	56
09G003	Decatur	U.S. Geological Survey, test well DP-6	—[2]	63
11J013	Mitchell	U.S. Geological Survey, test well DP-12	—[2,3]	74
13M007	Worth	U.S. Geological Survey, test well DP-9	–0.12	108

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 2000.
[3] Unable to calculate due to missing record in 1999.

Figure 5. Observation wells completed in surficial aquifers, southwestern area, and water-level difference, 1999 to 2000.



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EXPLANATION

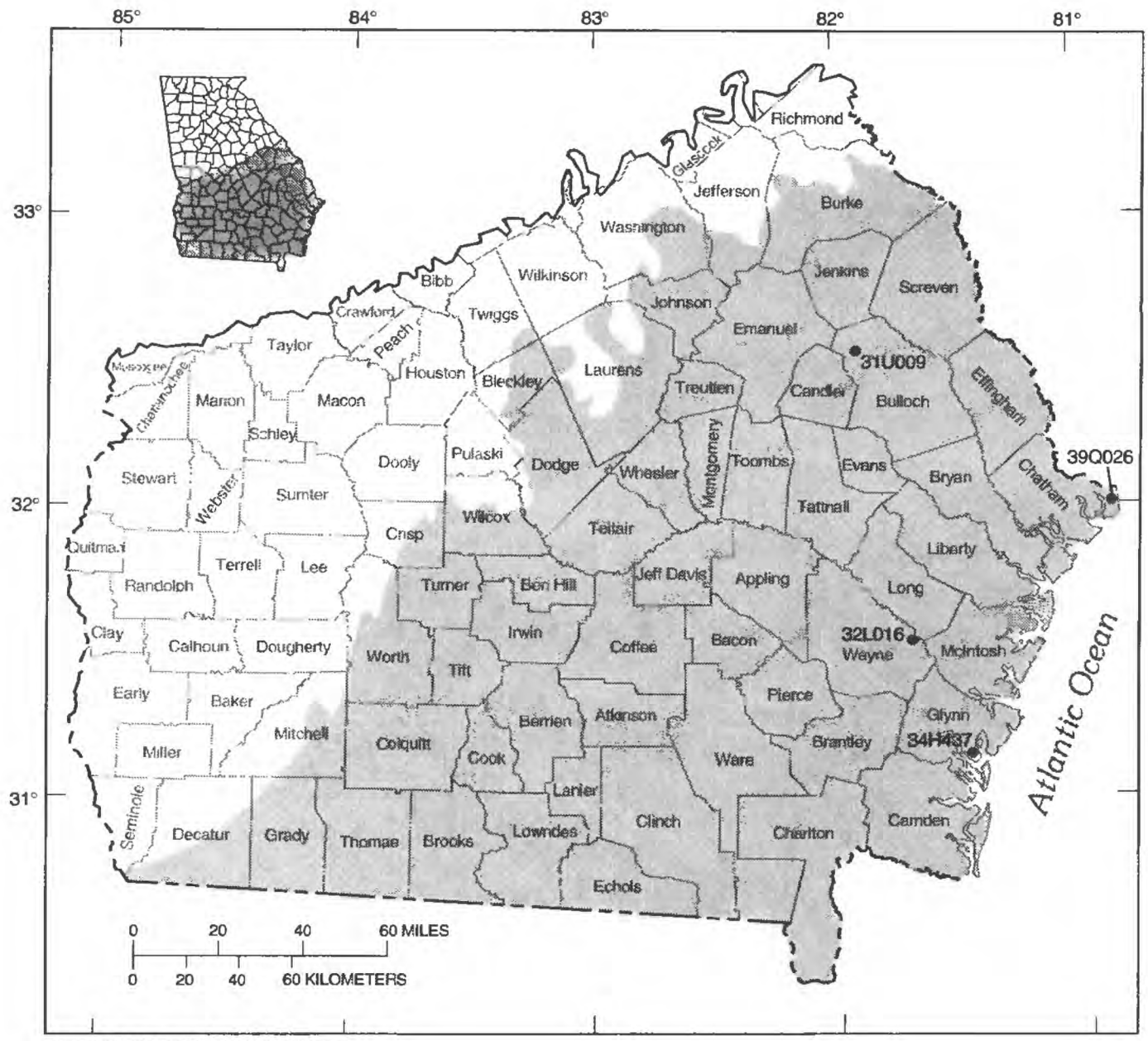
COASTAL AREA

37P116 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
32L017	Wayne	Georgia Geologic Survey, Gardi, test well 3	—[2]	135
33H208	Glynn	Georgia–Pacific, south, test well 3	0.02	150
34H438	Glynn	Georgia Geologic Survey, Coffin Park, test well 3	–0.21	165
34H447	Glynn	Glynn County Courthouse (shallow)	—[3]	166
35P094	Chatham	University of Georgia, Bamboo Farm well	–1.18	169
37P116	Chatham	Georgia Geologic Survey, Skidaway Institute, test well 4	–0.05	173

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 1999.
[3] Unable to calculate due to missing record in 2000.

Figure 6. Observation wells completed in surficial aquifers, coastal area, and water-level difference, 1999 to 2000.



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EXPLANATION

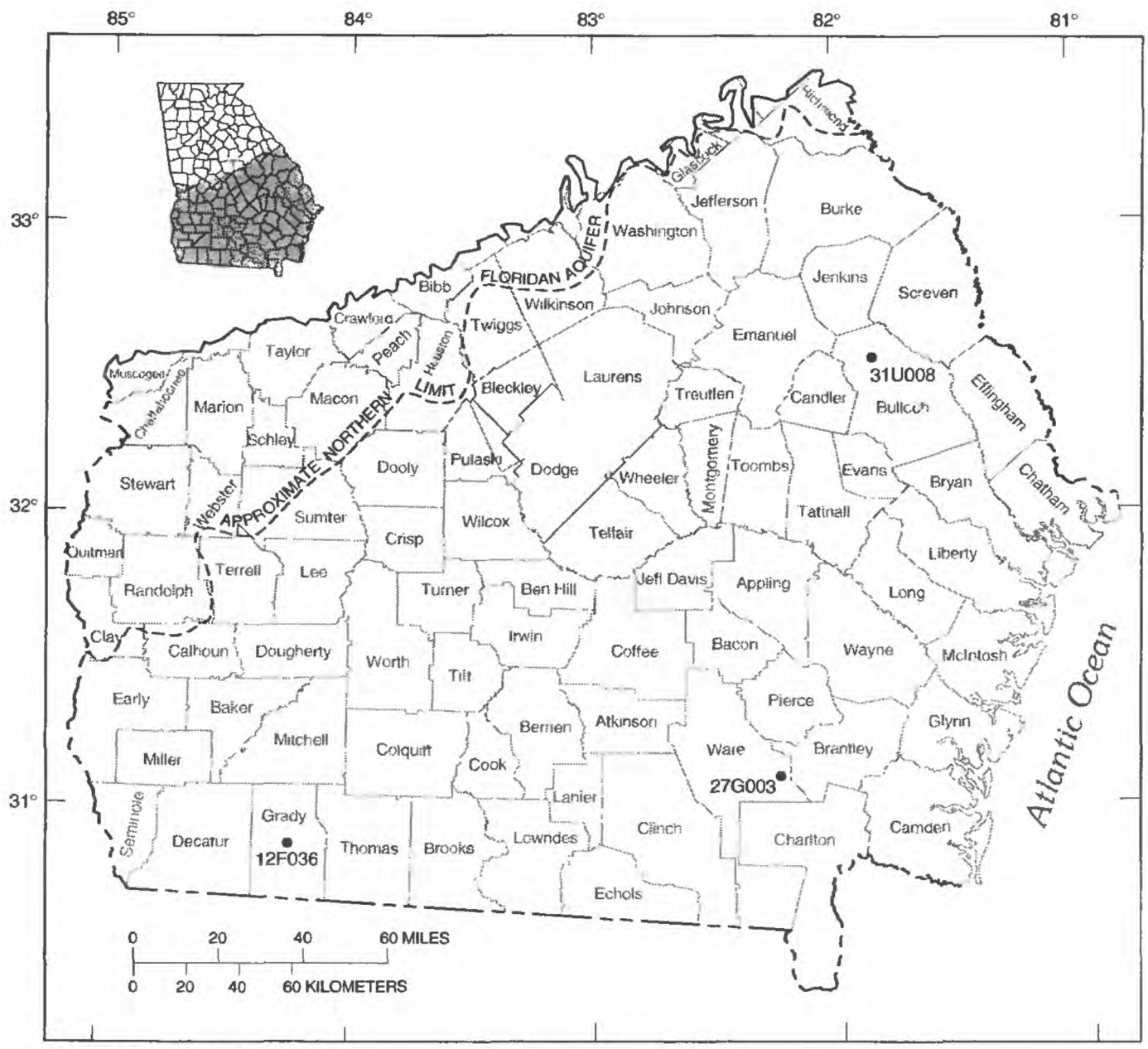
AREA OF MIOCENE DEPOSITS (After Msck and Karp, 1984)
Includes the upper Brunswick aquifer

•31U009 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
31U009	Bulloch	Georgia Geologic Survey, Hopeulikit, test well 2	−3.34	132
32L016	Wayne	Georgia Geologic Survey, Gardi, test well 2	−1.51	134
34H437	Glynn	Georgia Geologic Survey, Coffin Park, test well 2	−0.28	164
39Q026	Chatham	Tybee Island, test well 3	−0.47	182

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.

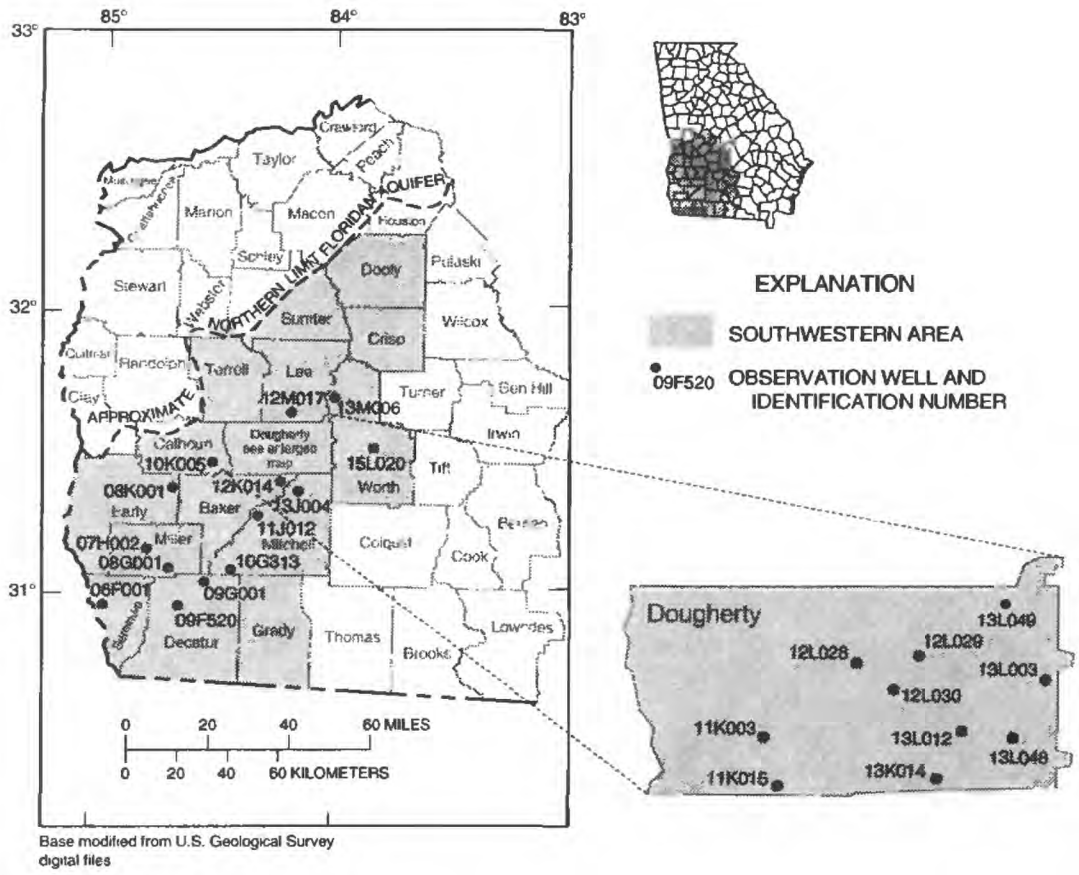
Figure 7. Observation wells completed in the upper Brunswick aquifer, and water-level difference, 1999 to 2000. (The extent of the upper Brunswick aquifer has not been mapped, but is within the area of Miocene deposits shown.)



Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
12F036	Grady	U.S. Geological Survey, Cairo	−4.49	83
27G003	Ware	U.S. Geological Survey, test well 1	−2.01	127
31U008	Bulloch	Georgia Geologic Survey, Hopeulikit, test well 1	—[2]	131

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 2000.

Figure 8. Observation wells completed in the Floridan aquifer system, and water-level difference, 1999 to 2000.

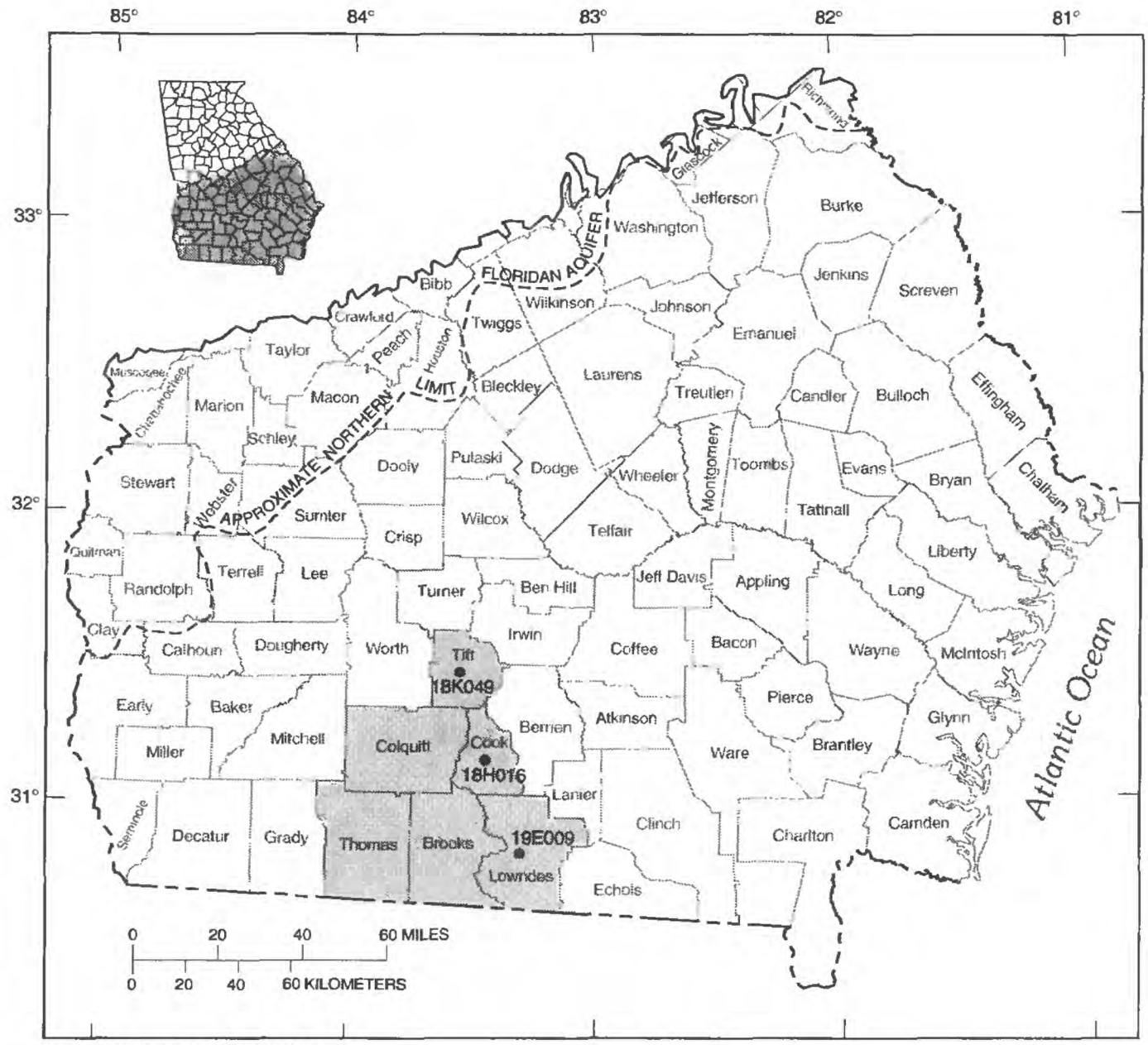


Base modified from U.S. Geological Survey digital files

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
06F001	Seminole	Roddenbery Company Farms, test well 1	—[2]	51
07H002	Miller	U.S. Geological Survey, test well DP-2	–3.11	55
08G001	Miller	Viercocken	–6.66	59
08K001	Early	Ike Newberry, test well 1	–6.33	60
09F520	Decatur	Graham Bolton	–1.07	61
09G001	Decatur	U.S. Geological Survey, test well DP-4	–2.16	62
10G313	Mitchell	Harvey Meinders	–4.76	68
10K005	Calhoun	Bill Jordan, Ocala well	–1.56	69
11J012	Mitchell	U.S. Geological Survey, test well DP-11	–1.12	73
11K003	Dougherty	Nilo test well, north	—[2,3]	76
11K015	Dougherty	U.S. Geological Survey, test well 14	—[2]	78
12K014	Baker	Blue Springs, observation well	–2.02	85
12L028	Dougherty	Vandy W. Musgrove	–3.94	89
12L029	Dougherty	U.S. Geological Survey, test well 13	–1.58	90
12L030	Dougherty	U.S. Geological Survey, test well 16	—[2]	92
12M017	Lee	U.S. Geological Survey, test well 19	–1.48	94
13J004	Mitchell	Aurora Dairy	–5.03	96
13K014	Dougherty	U.S. Geological Survey, test well 15	–1.54	97
13L003	Dougherty	City of Albany and Dougherty County	—[2,3]	99
13L012	Dougherty	U.S. Geological Survey, test well 3	–1.43	101
13L048	Dougherty	U.S. Geological Survey, test well 17	–6.44	104
13L049	Dougherty	Miller Ammo Supply	–3.48	105
13M006	Worth	U.S. Geological Survey, test well DP-8	—[3]	107
15L020	Worth	City of Sylvester	—[2]	111

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 2000.
[3] Unable to calculate due to missing record in 1999.

Figure 9. *Observation wells completed in the Upper Floridan aquifer, southwestern area, and water-level difference, 1999 to 2000.*

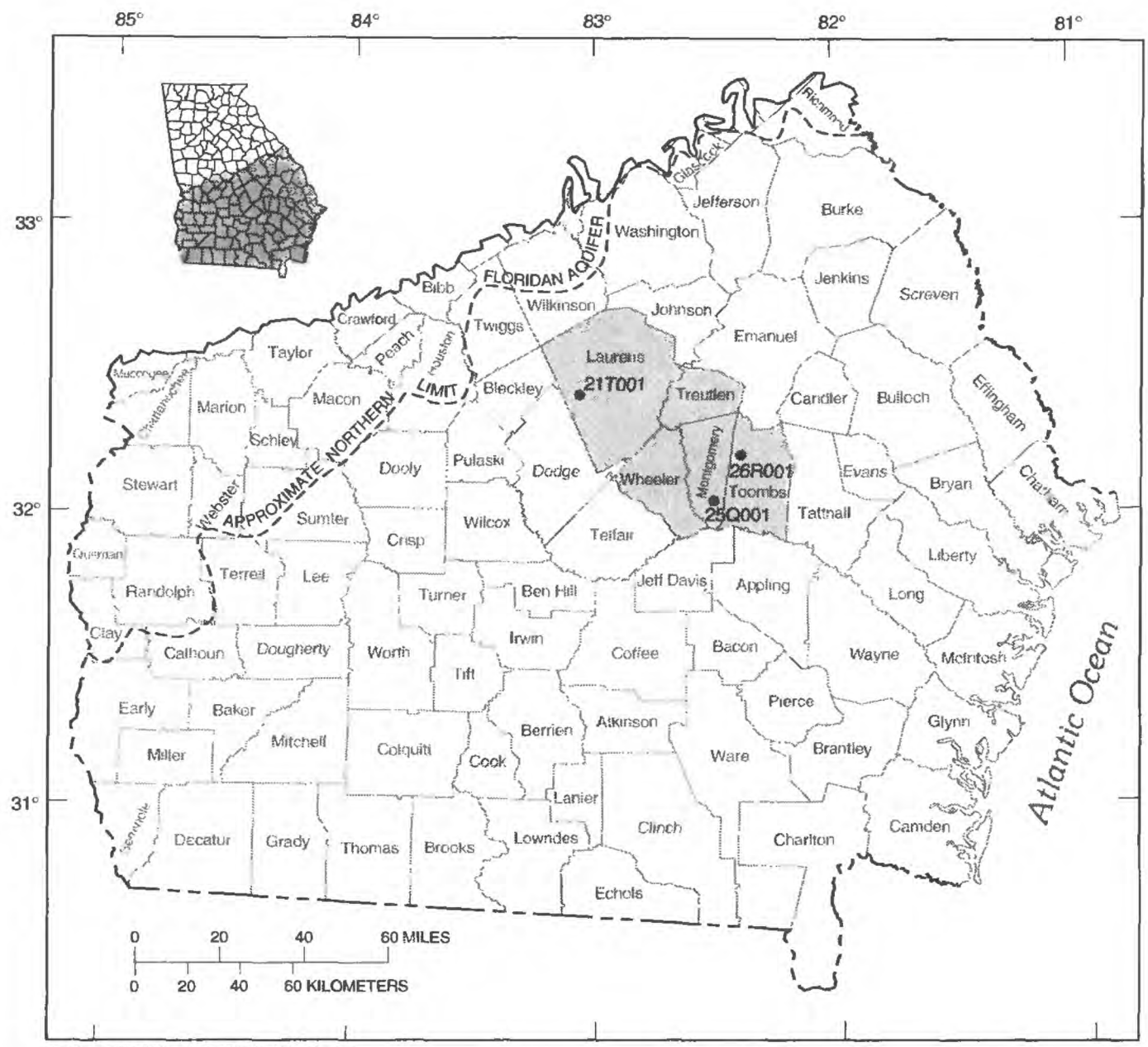


Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
18H016	Cook	U.S. Geological Survey, Adel test well	–1.35	113
18K049	Tift	U.S. Geological Survey, test well 1	—[2]	114
19E009	Lowndes	City of Valdosta	—[2]	117

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.

[2] Unable to calculate due to missing record in 2000.

Figure 10. Observation wells completed in the Upper Floridan aquifer, south-central area, and water-level difference, 1999 to 2000.



Base modified from U.S. Geological Survey digital files

EXPLANATION

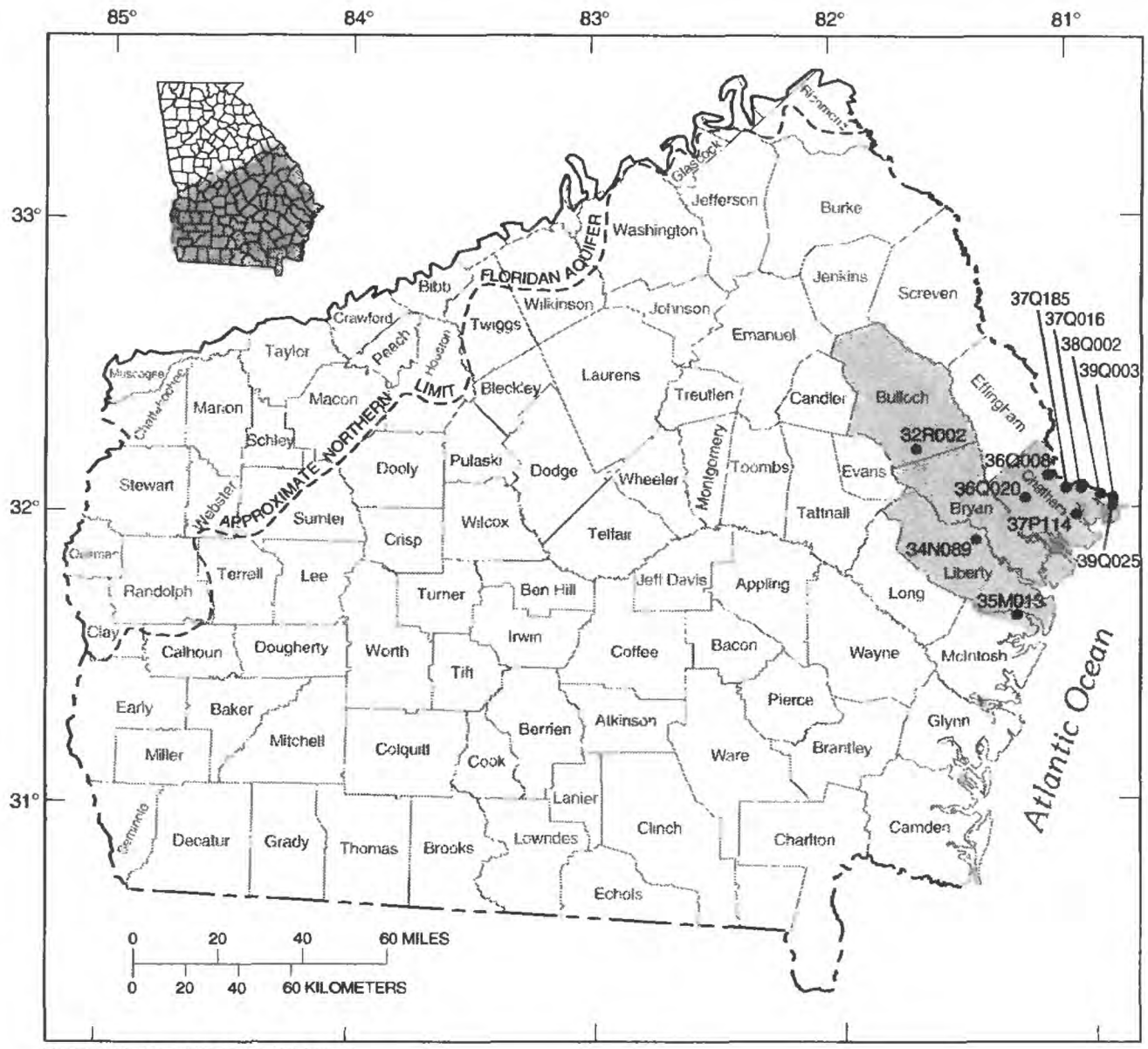
EAST–CENTRAL AREA

21T001 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
21T001	Laurens	Danny Hogan	–0.95	120
25Q001	Montgomery	Montgomery County Board of Education	–2.21	124
26R001	Toombs	City of Vidalia, well 2	—[2]	125

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 1999.

Figure 11. Observation wells completed in the Upper Floridan aquifer, east-central area, and water-level difference, 1999 to 2000.



Base modified from U.S. Geological Survey digital files

EXPLANATION

SAVANNAH AREA

32R002 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
32R002	Bulloch	Georgia Geologic Survey, Bulloch South, test well 1	—[2]	136
34N089	Liberty	U.S. Geological Survey, test well 1	–2.49	167
35M013	McIntosh	U.S. Fish and Wildlife Service	–2.27	168
36Q008	Chatham	Lance-Atlantic Company	—[3]	170
36Q020	Chatham	H.J. Morrison	—[3]	171
37P114	Chatham	Georgia Geologic Survey, Skidaway Institute, test well 2	–1.42	172
37Q016	Chatham	East Coast Terminal well	—[2]	174
37Q185	Chatham	U.S. Geological Survey, Hutchinson Island, test well 1	0.78	175
38Q002	Chatham	U.S. National Park Service, test well 6	—[3]	177
39Q003	Chatham	U.S. Geological Survey, test well 7	—[3]	179
39Q025	Chatham	Tybee Island, test well 2	–0.93	181

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 2000.
[3] Unable to calculate due to missing record in 1999.

Figure 12. Observation wells completed in the Upper Floridan aquifer, Savannah area, and water-level difference, 1999 to 2000.

Base modified from U.S. Geological Survey digital files

EXPLANATION

JESUP–DOCTORTOWN AREA

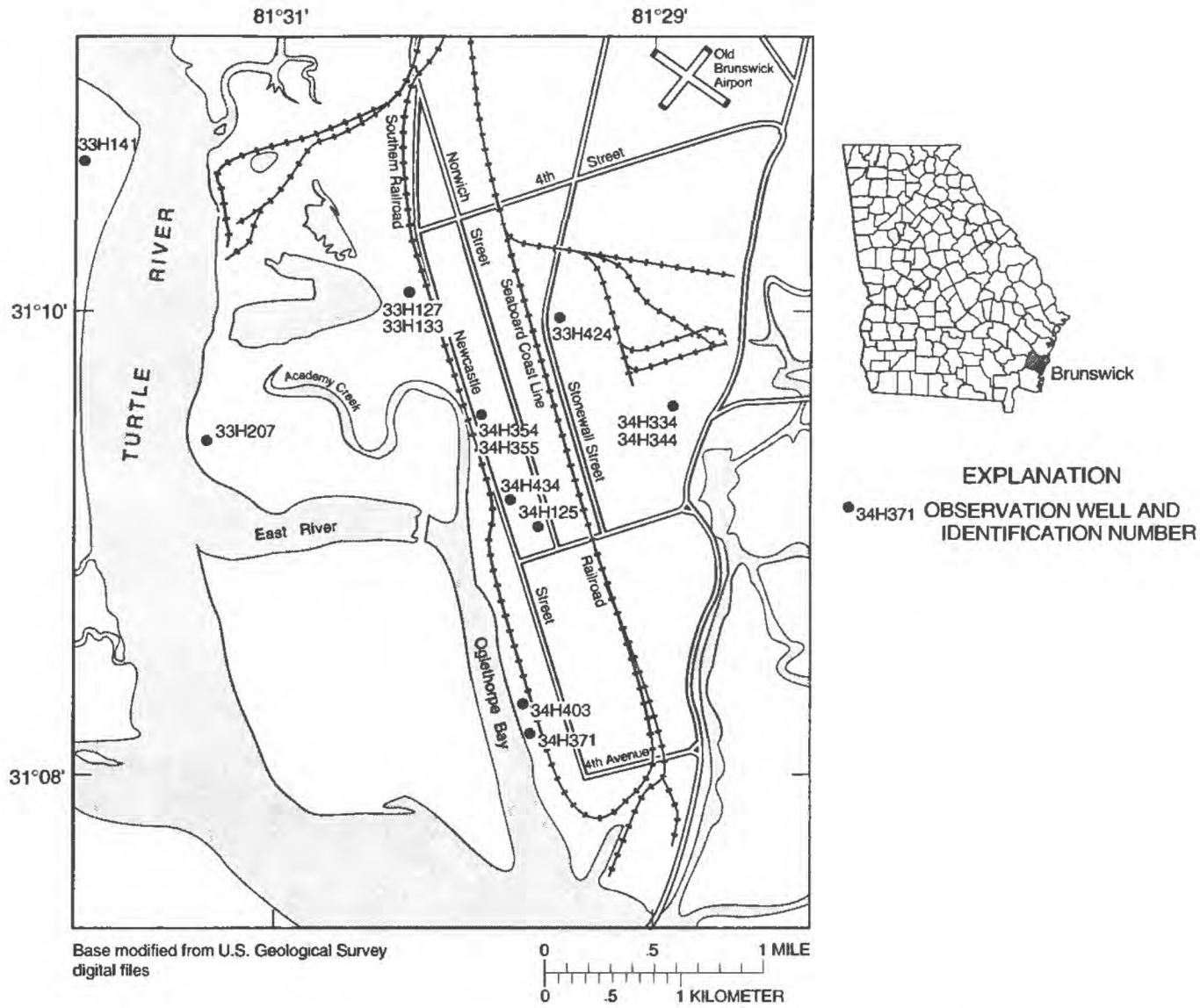
30L003 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
30L003	Wayne	City of Jesup Housing Authority	–2.29	130
32L015	Wayne	Georgia Geologic Survey, Gardi, test well 1	—[2]	133
33M004	Long	U.S. Geological Survey, test well 3	—[2]	152

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.

[2] Unable to calculate due to missing record in 2000.

Figure 13. Observation wells completed in the Upper Floridan aquifer, Jesup–Doctortown area, and water-level difference, 1999 to 2000.

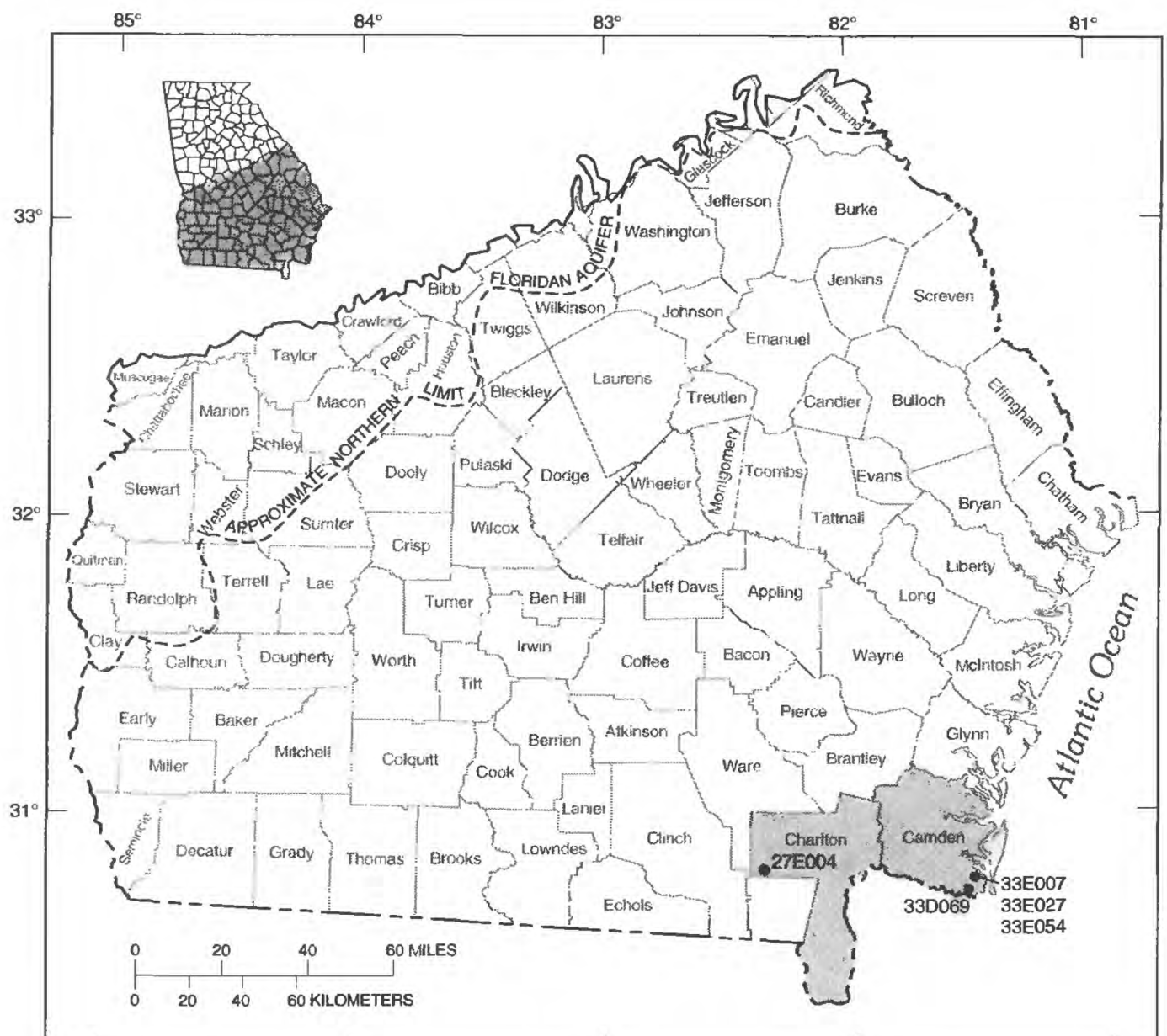


Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
33H127	Glynn	U.S. Geological Survey, test well 3	–0.07	144
33H133	Glynn	U.S. Geological Survey, test well 6	0.09	145
33H141	Glynn	U.S. Geological Survey, test well 12	—[2]	146
33H207	Glynn	Georgia-Pacific, south, test well 2	—[2]	149
34H125	Glynn	U.S. Geological Survey, test well 1	–0.17	153
34H334	Glynn	U.S. Geological Survey, test well 4	–0.36	154
34H344	Glynn	U.S. Geological Survey, test well 7	0.32	155
34H354	Glynn	U.S. Geological Survey, test well 8	–0.57	156
34H355	Glynn	U.S. Geological Survey, test well 9	0.15	157
34H371	Glynn	U.S. Geological Survey, test well 1	–0.35	158
34H403	Glynn	U.S. Geological Survey, test well 24	–0.61	160
34H424	Glynn	Hercules Inc., T well	0.11	161
34H434	Glynn	Glynn County Courthouse (deep)	–0.10	162

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.

[2] Unable to calculete due to missing record in 1999.

Figure 14. *Observation wells completed in the Upper Floridan aquifer, Brunswick area, and water-level difference, 1999 to 2000.*



Base modified from U.S. Geological Survey digital files

EXPLANATION

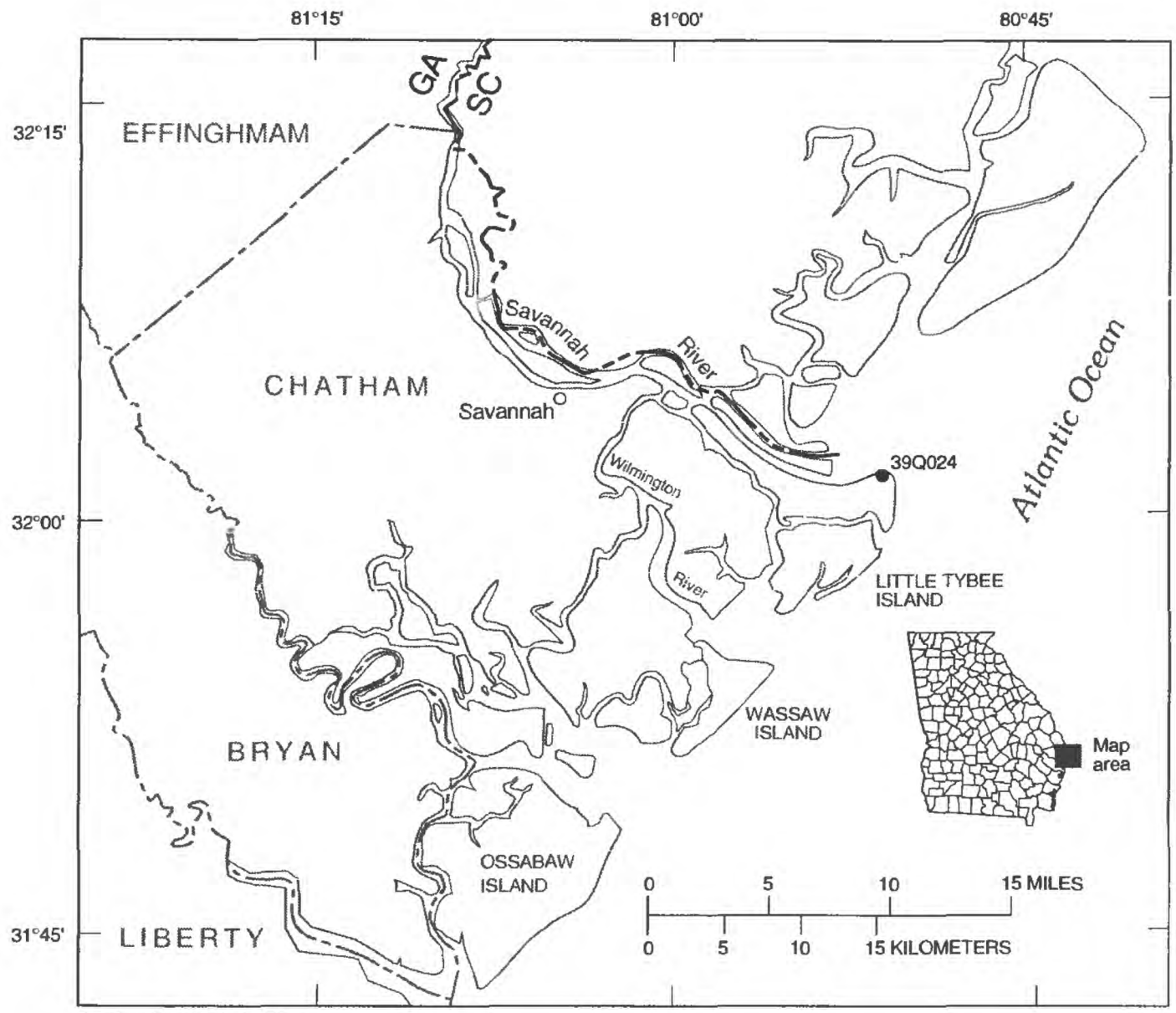
ST MARYS–OKEFENOKEE SWAMP AREA

●27E004 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
27E004	Charlton	U.S. Geological Survey, test well OK-9	−2.12	126
33D069	Camden	U.S. National Park Service, Cumberland Island National Seashore	−0.89	140
33E007	Camden	Huntly-Jiffy	0.53	141
33E027	Camden	U.S. Navy, Kings Bay, test well 1	−1.47	142
33E054	Camden	Rayland Company No. 1	—[2]	143

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 1999.

Figure 15. Observation wells completed in the Upper Floridan aquifer, St Marys–Okefenokee Swamp area, and water-level difference, 1999 to 2000.



Base from U.S. Geological Survey digital files

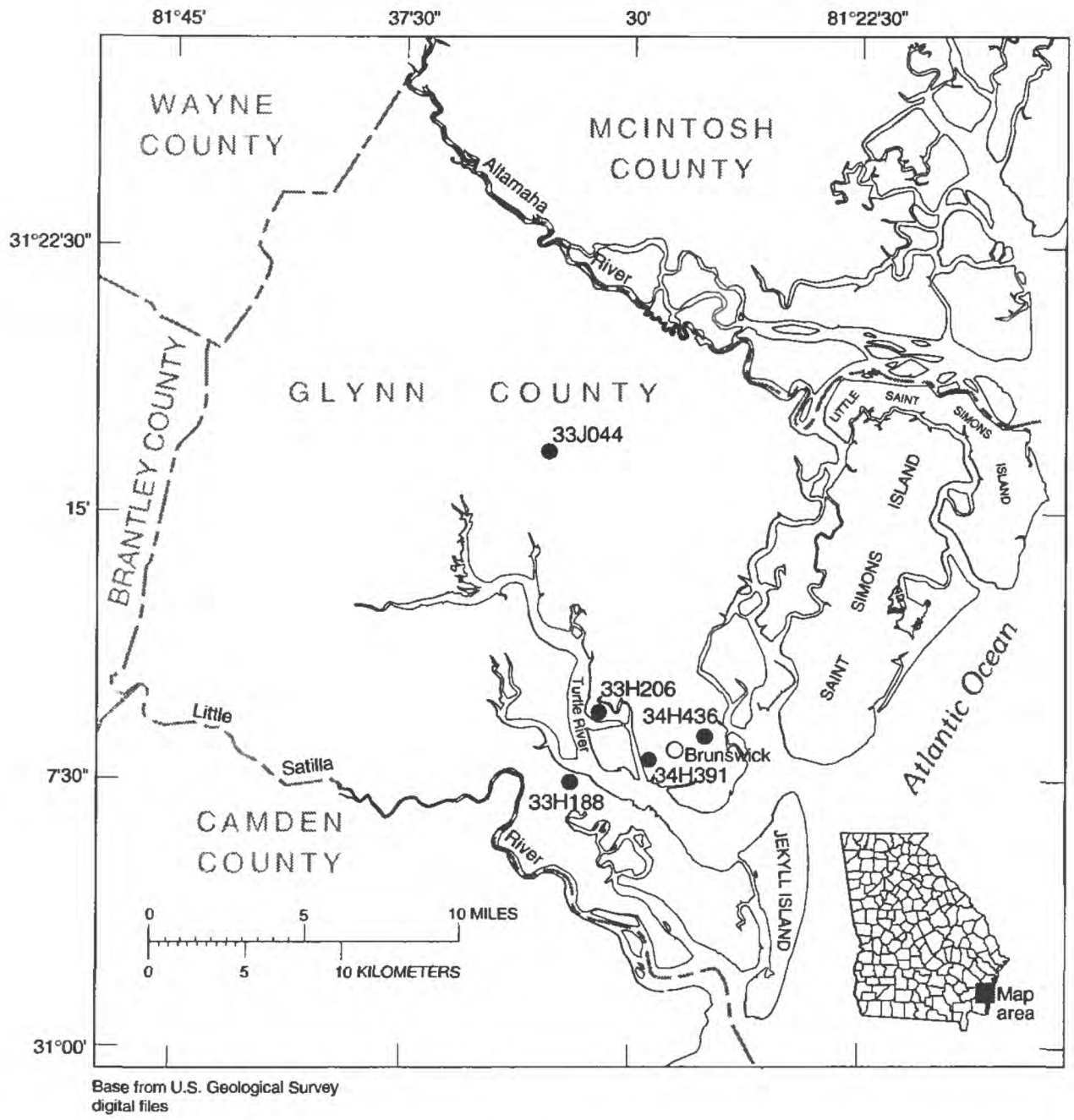
EXPLANATION

● 39Q024 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
39Q024	Chatham	Tybee Island, test well 1	–0.87	180

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.

Figure 16. Observation well completed in the Lower Floridan aquifer, Savannah area, and water-level difference, 1999 to 2000.



Base from U.S. Geological Survey digital files

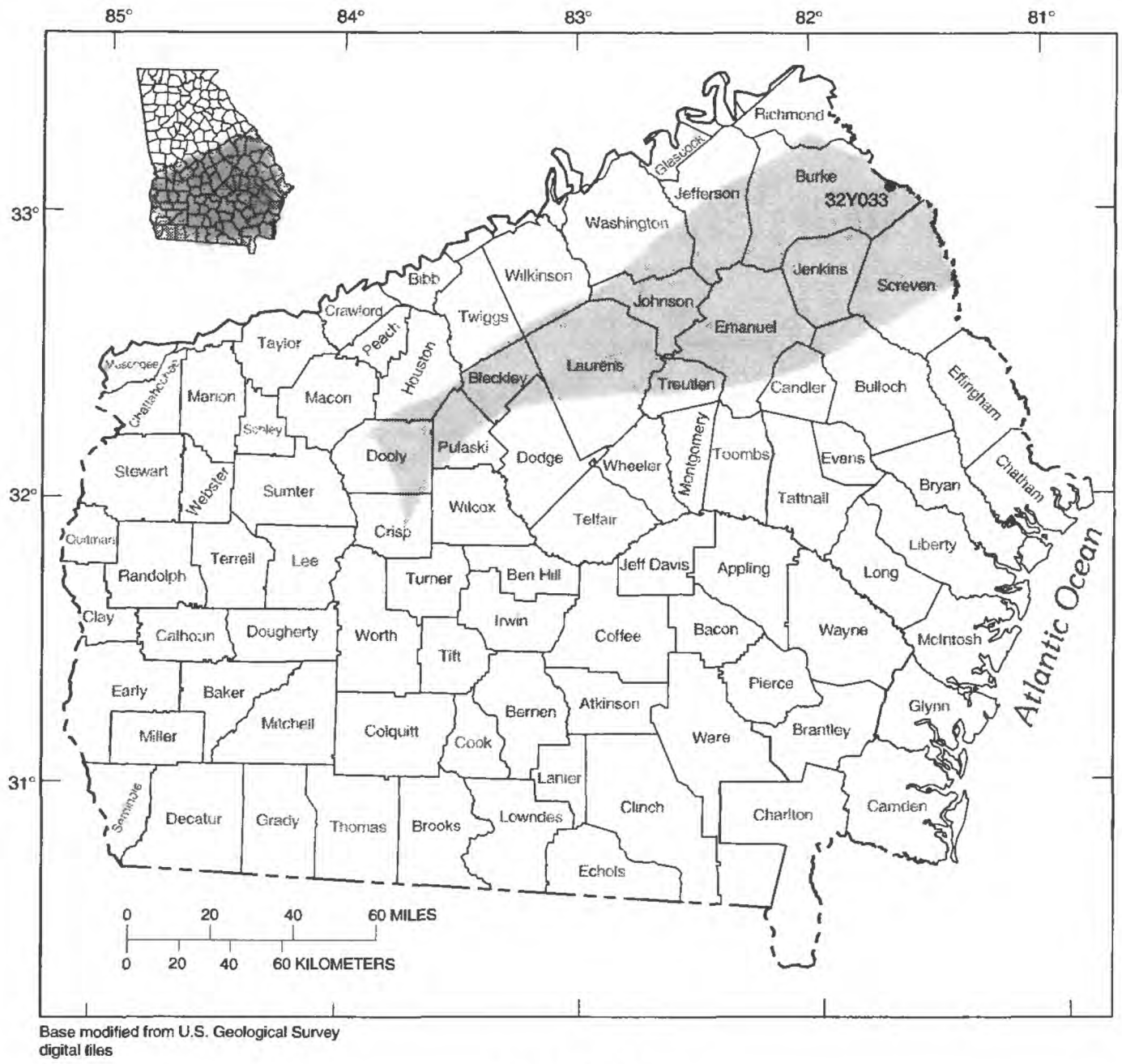
EXPLANATION

33J044 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
33H188	Glynn	U.S. Geological Survey, test well 26	–1.23	147
33H206	Glynn	Georgia-Pacific, south, test well 1	—[2]	148
33J044	Glynn	U.S. Geological Survey, test well 27	–1.73	151
34H391	Glynn	U.S. Geological Survey, test well 16	–1.78	159
34H436	Glynn	Georgia Geologic Survey, Coffin Park, test well 1	–0.53	163

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 2000.

Figure 17. Observation wells completed in the Lower Floridan aquifer, Glynn County area, and water-level difference, 1999 to 2000.



Base modified from U.S. Geological Survey digital files

EXPLANATION

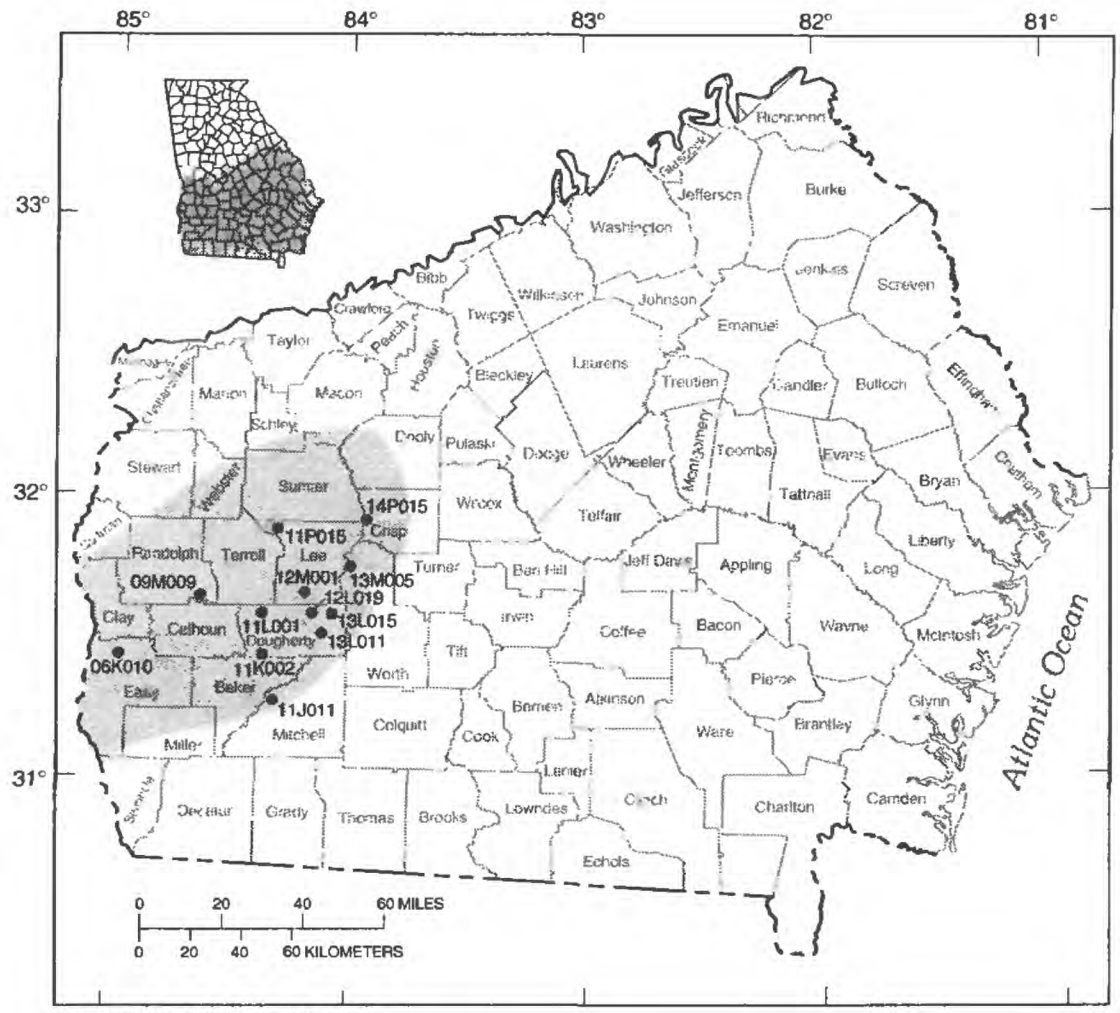
GORDON AQUIFER SYSTEM

32Y033 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
32Y033	Burke	Brighams Landing, test well 3	−3.14	139

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.

Figure 18. Observation well completed in the Gordon aquifer system, and water-level difference, 1999 to 2000.



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EXPLANATION

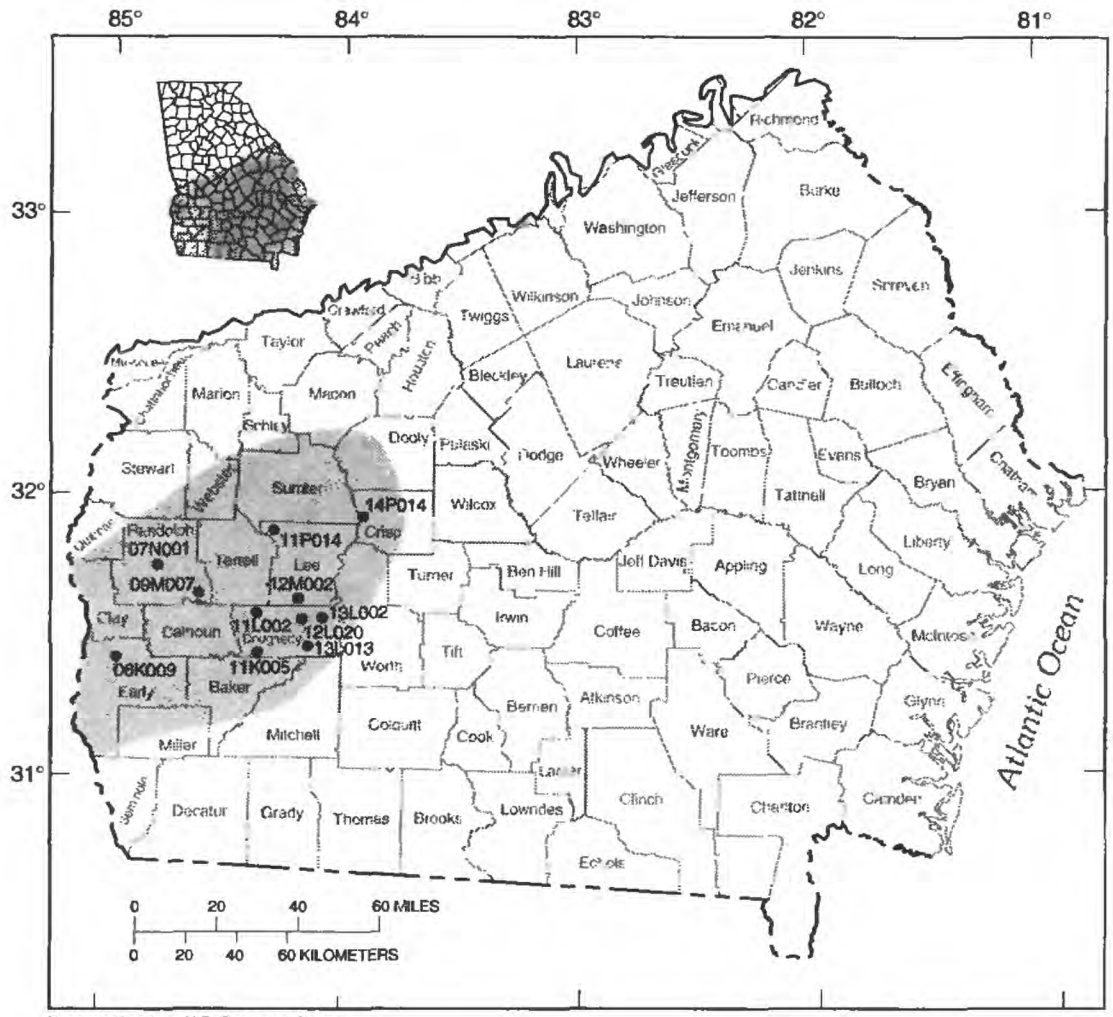
CLAIBORNE AND CLAYTON AQUIFERS

●11J011 OBSERVATION WELL IN CLAIBORNE AQUIFER AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
06K010	Early	Georgia Geologic Survey, Kolomoki Mounds State Park, test well 3	–1.92	53
09M009	Rand	C.T. Martin, test well 1	–1.96	66
11J011	Mitchell	U.S. Geological Survey, test well DP-10	–2.95	72
11K002	Dougherty	U.S Geological Survey, test well 11	—[2]	75
11L001	Dougherty	U.S. Geological Survey, test well 4	—[3]	79
11P015	Lee	Pete Long, test well 2	–2.65	82
12L019	Dougherty	U.S. Geological Survey, test well 5	–4.21	86
t2M001	Lee	U.S. Geological Survey, test well 8	—[2,3]	92
13L011	Dougherty	U.S. Geological Survey, test well 2	—[2]	100
13L015	Dougherty	Miller Brewing Company	–8.43	103
13M005	Worth	U.S. Geological Survey, test well DP-7	–4.41	107
14P015	Crisp	Georgia Geologic Survey, Veteran's Memorial State Park, test well 2	–3.44	109

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 2000.
[3] Unable to calculate due to missing record in 1999.

Figure 19. Observation wells completed in the Claiborne aquifer, and water-level difference, 1999 to 2000.



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EXPLANATION

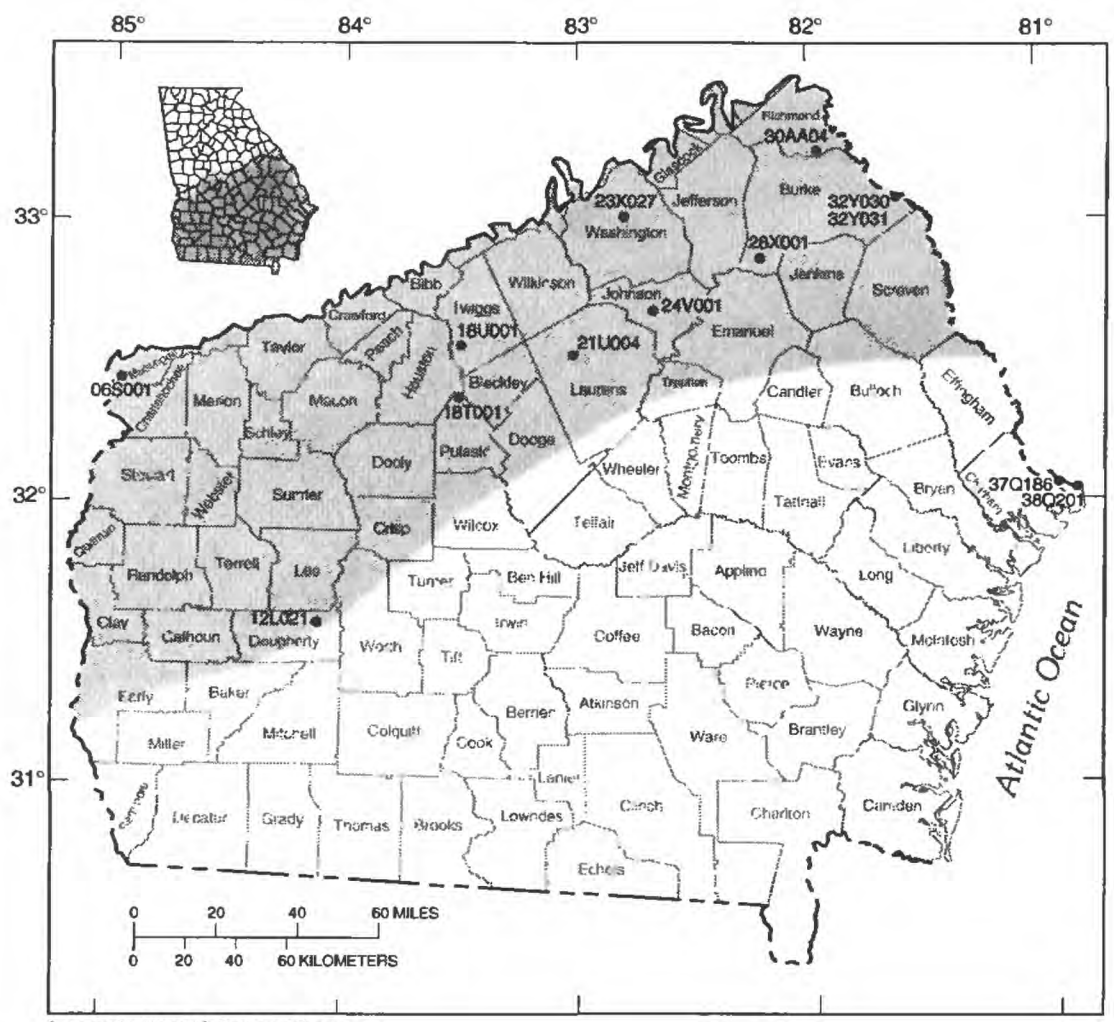
CLAIBORNE AND CLAYTON AQUIFERS

●14P014 OBSERVATION WELL IN CLAYTON AQUIFER AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
06K009	Early	Georgia Geologic Survey, Kolomoki Mounds State Park, test well 1	—[2]	52
07N001	Randolp	City of Cuthbert	–1.39	58
09M007	Randolph	C.T. Martin, test well 2	–11.31	65
11K005	Dougherty	U.S. Geological Survey, test well 12	—[2]	77
11L002	Dougherty	Georgia Geologic Survey, Albany Nursery	–7.06	80
11P014	Lee	Pete Long, test well 1	—[2]	81
12L020	Dougherty	U.S. Geological Survey, test well 6	–8.18	87
12M002	Lee	U.S. Geological Survey, test well 9	—[3]	93
13L002	Dougherty	Albany Water, Gas, and Light Commission, Turner City 2	–5.97	98
13L013	Dougherty	U.S. Geological Survey, test well 7	—[2]	102
14P014	Crisp	Georgia Geologic Survey, Veteran's Memorial State Park, test well 1	–3.47	109

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 2000.
[3] Unable to calculate due to missing record in 1999.

Figure 20. Observation wells completed in the Clayton aquifer, and water-level difference, 1999 to 2000.



Base modified from U.S. Geological Survey digital files

EXPLANATION

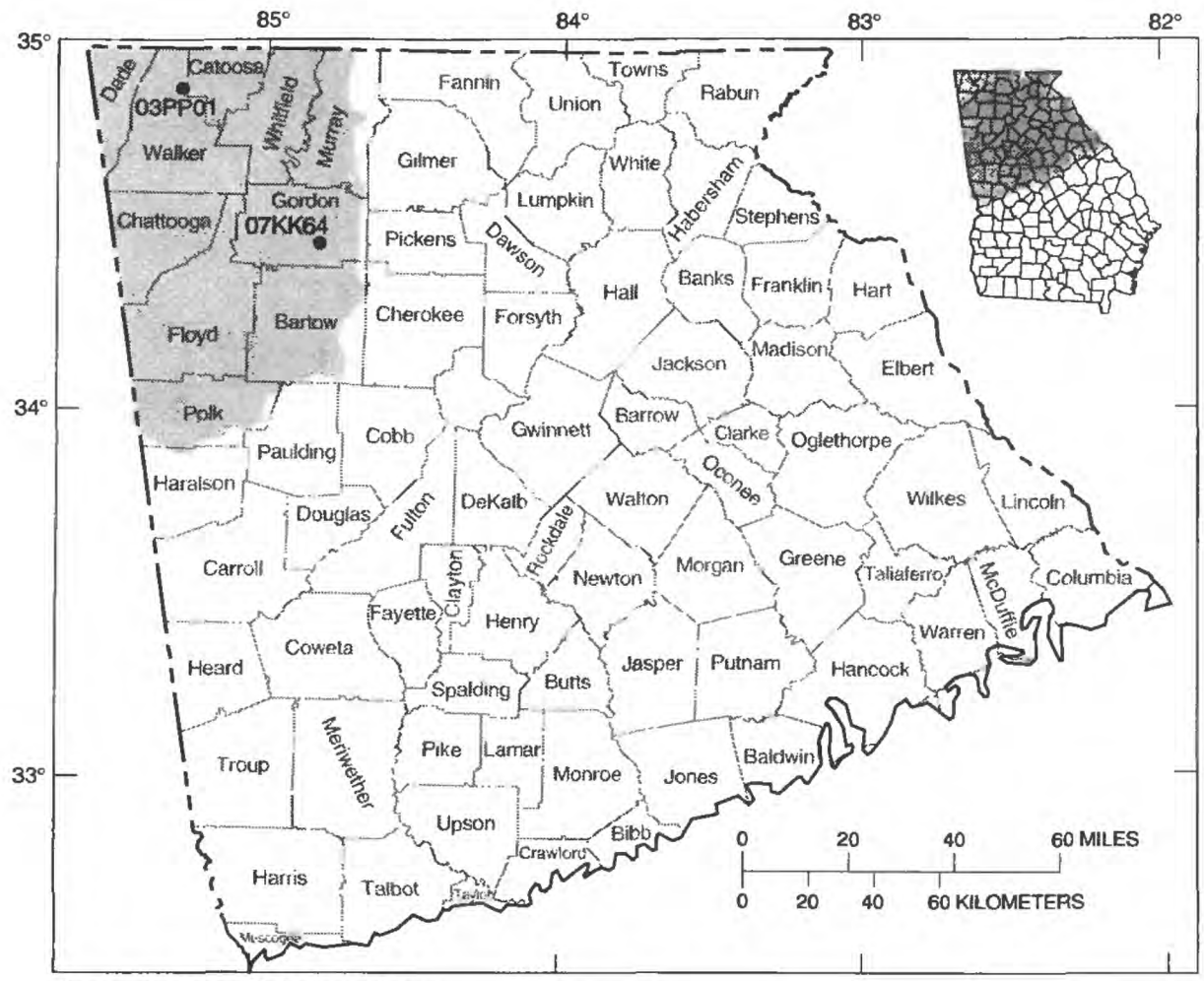
CRETACEOUS AQUIFER SYSTEMS

●21U004 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identificetion number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphicel illustration
06S001	Chattahoochee	U.S. Army, Fort Benning	–0.53	54
12L021	Dougherty	U.S. Geological Survey, test well 10	–3.48	88
18T001	Pulaski	U.S. Geological Survey, Arrowhead test well 1	–1.28	115
18U001	Twiggs	Georgia Kraft, U.S. Geological Survey, test well 3	–1.37	116
21U004	Laurens	Georgia Department of Natural Resources, Laurens No. 3	–1.07	121
23X027	Washington	City of Sandersville, well 8	—[3]	122
24V001	Johnson	U.S. Geological Survey, test well 1	–1.07	123
28X001	Burke	U.S. Geological Survey, Midville, test well 1	—[3]	128
30AA04	Richmond	Richmond County Water System, U.S. Geological Survey, McBean 2	—[2]	129
32Y030	Burke	Brighams Landing, test well 1	–1.45	137
32Y031	Burke	Brighams Landing, test well 2	–2.54	138
37Q186	Chatham	U.S. Geological Survey, Hutchinson Island, test well 2	—[3]	176
38Q201	Chatham	U.S. National Park Service, Fort Pulaski, test well	–0.62	178

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 2000.
[3] Unable to calculate due to missing record in 1999.

Figure 21. Observation wells completed in Cretaceous aquifers and aquifer systems, and water-level difference, 1999 to 2000.



Base modified from U.S. Geological Survey digital files

EXPLANATION

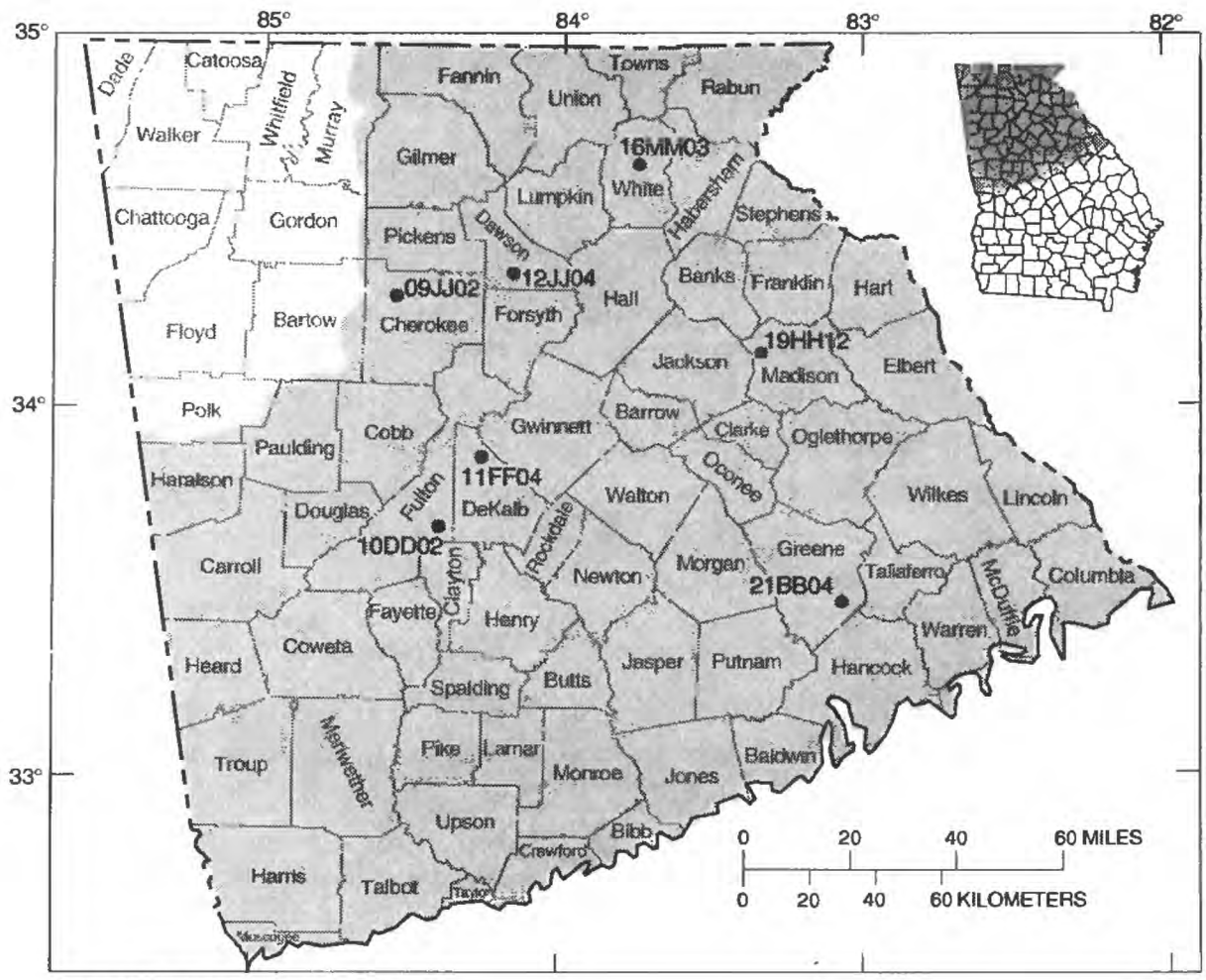
PALEOZOIC-ROCK AQUIFERS

07KK64 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
03PP01	Walker	U.S. National Park Service, Chickamauga Battlefield Park	–0.71	50
07KK64	Gordon	Calhoun, Georgia, test well 1	–1.88	57

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.

Figure 22. Observation wells completed in Paleozoic-rock aquifers, and water-level difference, 1999 to 2000.



Base modified from U.S. Geological Survey digital files

EXPLANATION

CRYSTALLINE-ROCK AQUIFERS

●19HH12 OBSERVATION WELL AND IDENTIFICATION NUMBER

Well identification number	County	Site name	Difference in annual mean water level 1999 to 2000 (feet)[1]	Page number of water-level graphical illustration
09JJ02	Cherokee	Reinhardt College, well A	0.07	64
10DD02	Fulton	U.S. Army, Fort McPherson	–1.32	67
11FF04	DeKalb	U.S. Geological Survey, test well 5	–0.01	71
12JJ04	Dawson	U.S. Geological Survey, test well 1	–[2]	84
16MM03	White	Unicoi State Park, well 4	–0.51	112
19HH12	Madison	Meadowlake Estates	–1.35	118
21BB04	Greene	Charles Veazey	–0.63	119

[1] When negative, indicates water-level decline; when positive, indicates water-level rise.
[2] Unable to calculate due to missing record in 1999.

Figure 23. Observation wells completed in crystalline-rock aquifers, and water-level difference 1999 to 2000.

CHLORIDE CONCENTRATION IN WATER FROM THE FLORIDAN AQUIFER SYSTEM

Chloride concentration in water from the Floridan aquifer system has been monitored in coastal Georgia since the 1950's. During 2000, water samples from 20 wells in the Savannah area and 66 wells in the Brunswick area were collected and analyzed for chloride concentration. In the Savannah area, graphs of chloride concentration in water for 6 of these wells (fig. 24; table 5) are shown in figures 25-26; in the Brunswick area, graphs of chloride concentration in water for 8 of these wells (fig. 27; table 5) are shown in figures 28-29. Although chloride concentration may fluctuate in the intervals between sample-collection periods, measured points on these plots are connected by straight lines to assist visualization.

Chloride concentration in water from the Upper Floridan aquifer in most of the coastal Georgia area is less than 40 milligrams per liter (mg/L) (Clarke and others, 1990), which is within the 250 mg/L secondary drinking-water standard established by the Georgia Environmental Division (1997) and the U.S. Environmental Protection Agency (2000). Chloride concentration in water from the Upper Floridan aquifer that exceeds the secondary drinking-water standard has been detected in the Brunswick area. Water in the Lower Floridan aquifer generally has high chloride concentration in the Savannah and Brunswick areas. Chloride concentration in water from the Fernandina permeable zone at the base of the Lower Floridan aquifer has been measured as high as 30,000 mg/L (Krause and Randolph, 1989).

Table 5. Observation wells for which chloride-concentration graphs are included in this report
[USGS, U.S. Geological Survey; GGS, Georgia Geologic Survey]

County	Aquifer	USGS Site Identification Number	Well Identification number	Site name	Open interval (in feet below land surface)
Chatham	Lower Floridan	320151080540403	38Q196	USGS, test well 1, point 2	870-925
Chatham	Lower Floridan	320122080510202	39Q017	USGS, test well 7, point 1	710-745
Chatham	Lower Floridan	320122080510203	39Q018	USGS, test well 7, point 2	630-670
Chatham	Lower Floridan	320151080540502	38Q004	USGS, test well 4	606-657
Chatham	Upper Floridan	320622081063701	37Q185	GGS, Hutchinson Island, test well 1	274-360
Chatham	Upper Floridan	315906081011202	37P114	Skidaway Institute, test well 2	262-400
Glynn	Lower Floridan	310750081292001	34H399	USGS, test well 19	1,075-1,218
Glynn	Lower Floridan	310818081294201	34H391	USGS, test well 16	1,070-1,159
Glynn	Upper Floridan, lower water-bearing zone	310822081294201	34H403	USGS, test well 24	788-982
Glynn	Upper Floridan, upper water-bearing zone	311020081295205	34H469	USGS, test well 2	540-566
Glynn	Upper Floridan, upper water-bearing zone	311007081301702	33H133	USGS, test well 6	520-790
Glynn	Upper Floridan, upper water-bearing zone	311016081294202	34H427	E.M. Champion, well 2	500-640
Glynn	Upper Floridan, upper water-bearing zone	310825081294201	34H393	USGS, test well 17	615-723
Glynn	Upper Floridan, lower water-bearing zone	311007081301701	33H127	USGS, test well 3	823-925

Savannah Area

During 2000, twenty wells were pumped and sampled in Chatham County (fig. 24) six of which are summarized in figures 25 and 26. Data from these wells indicate that chloride concentration generally increases with depth below land surface and has not changed appreciably since chloride monitoring began.

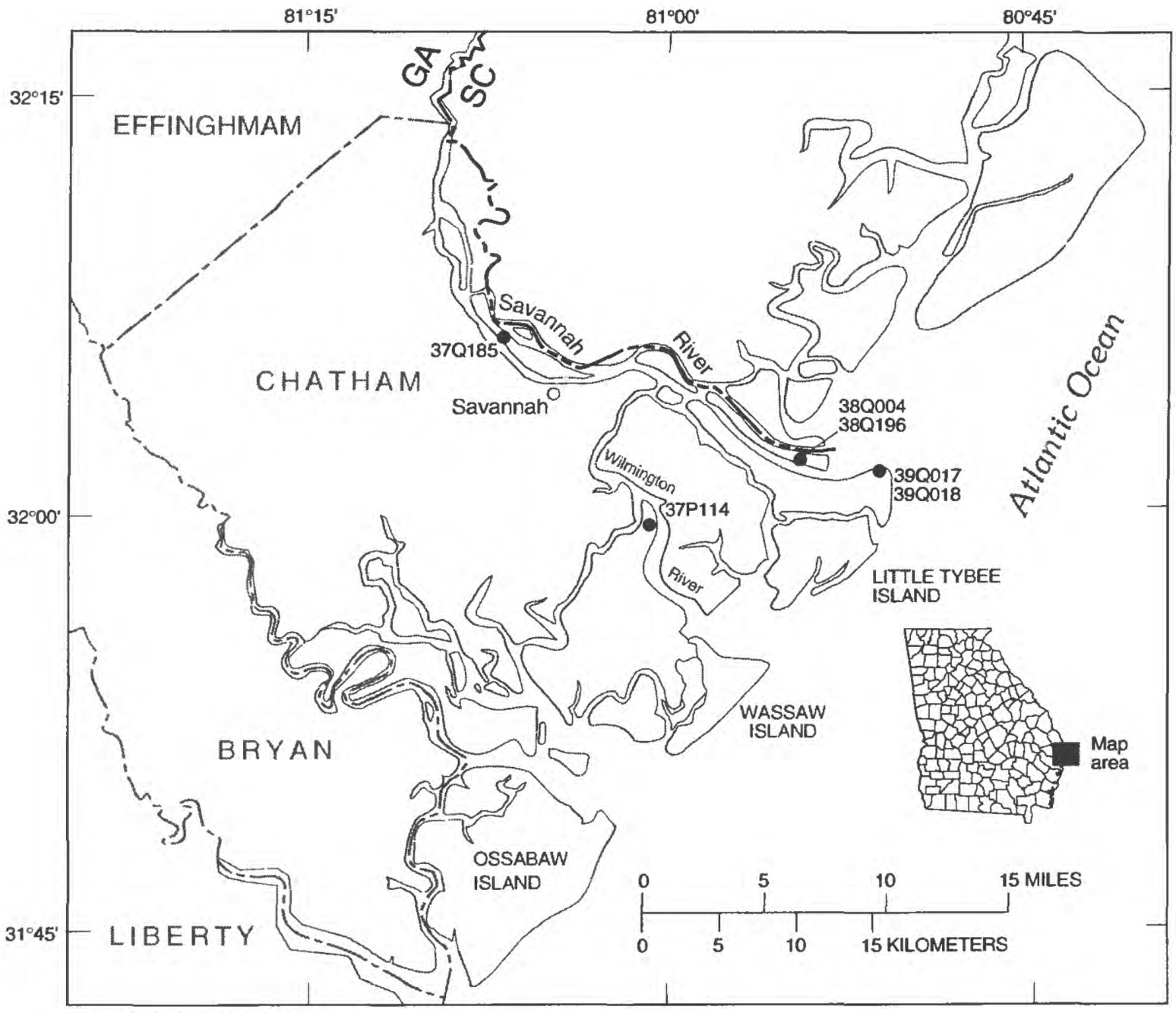


Figure 24. Chloride monitoring wells completed in the Floridan aquifer system, Savannah area.

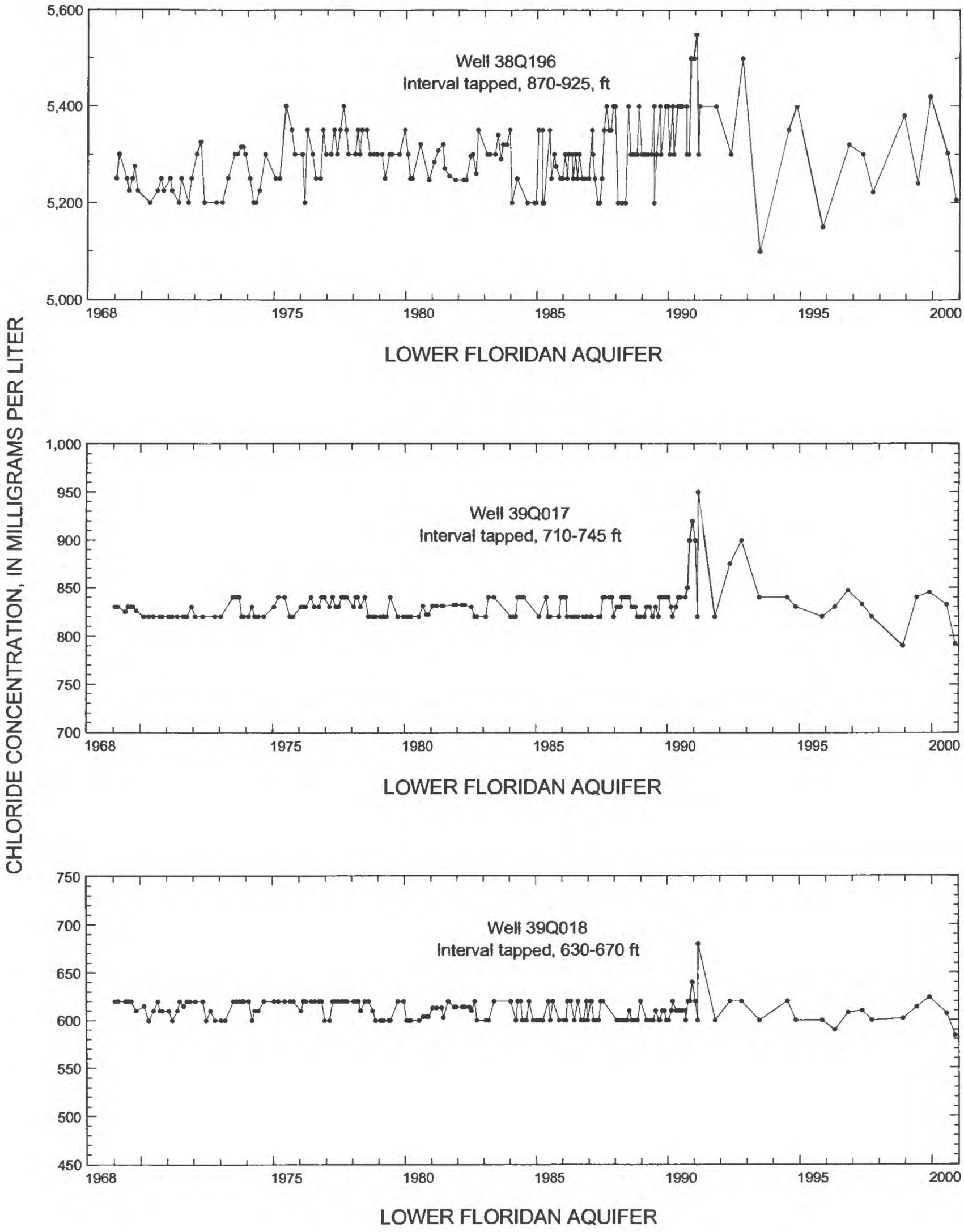


Figure 25. Chloride concentration in water from the Lower Floridan aquifer in the Savannah area.

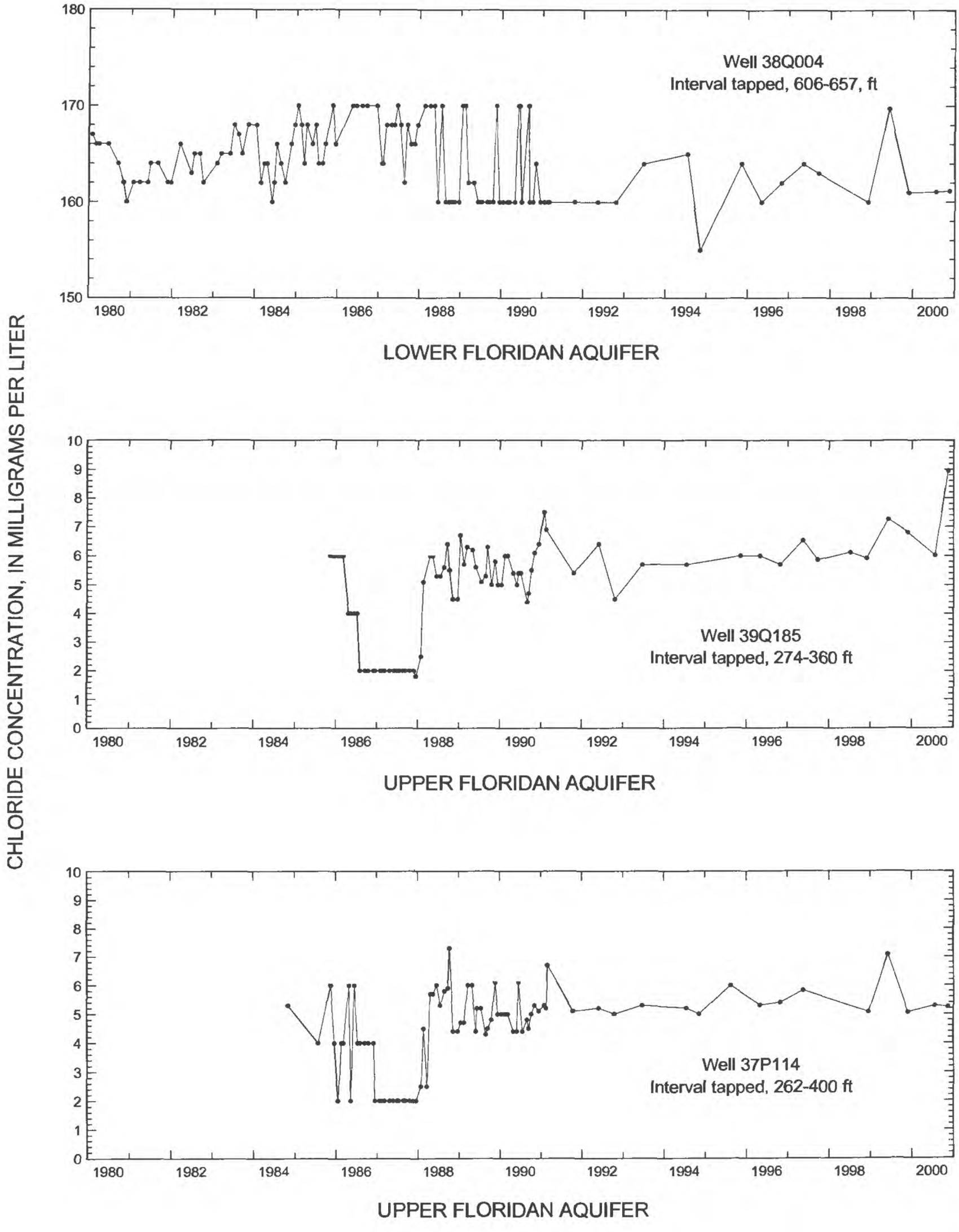


Figure 26. Chloride concentration in water from the Upper and Lower Floridan aquifers in the Savannah area.

Brunswick Area

Water supply in the Brunswick area is derived from public-supply wells tapping the Upper Floridan aquifer. Saltwater intrusion was first detected in the late 1950's in an area just south of downtown Brunswick when a salty taste was noted in the water. By the early 1990's the area of saltwater contamination had grown considerably and included the north part of Brunswick. Chloride concentrations were above State and Federal secondary drinking-water standards with concentrations exceeding 2,500 milligrams per liter in south and north Brunswick (Krause and Clarke, 2001). The saltwater contamination at Brunswick is the result of the intrusion of saline water that migrated vertically from the lower part of the Lower Floridan aquifer (Fernandina permeable zone) into freshwater zones of the Upper and Lower Floridan aquifers (Krause and Clarke, 2001).

During 2000, chloride concentrations in water-bearing zones of the Upper and Lower Floridan aquifers were monitored in 66 wells. Graphs of chloride concentration in water from eight wells (fig. 27) are shown for the south Brunswick (fig. 28) and north Brunswick (fig. 29) areas. In the south Brunswick area (fig. 28), chloride concentrations were generally lower in 2000 than in 1999. In the north Brunswick area, chloride concentrations were about the same as in 1999.

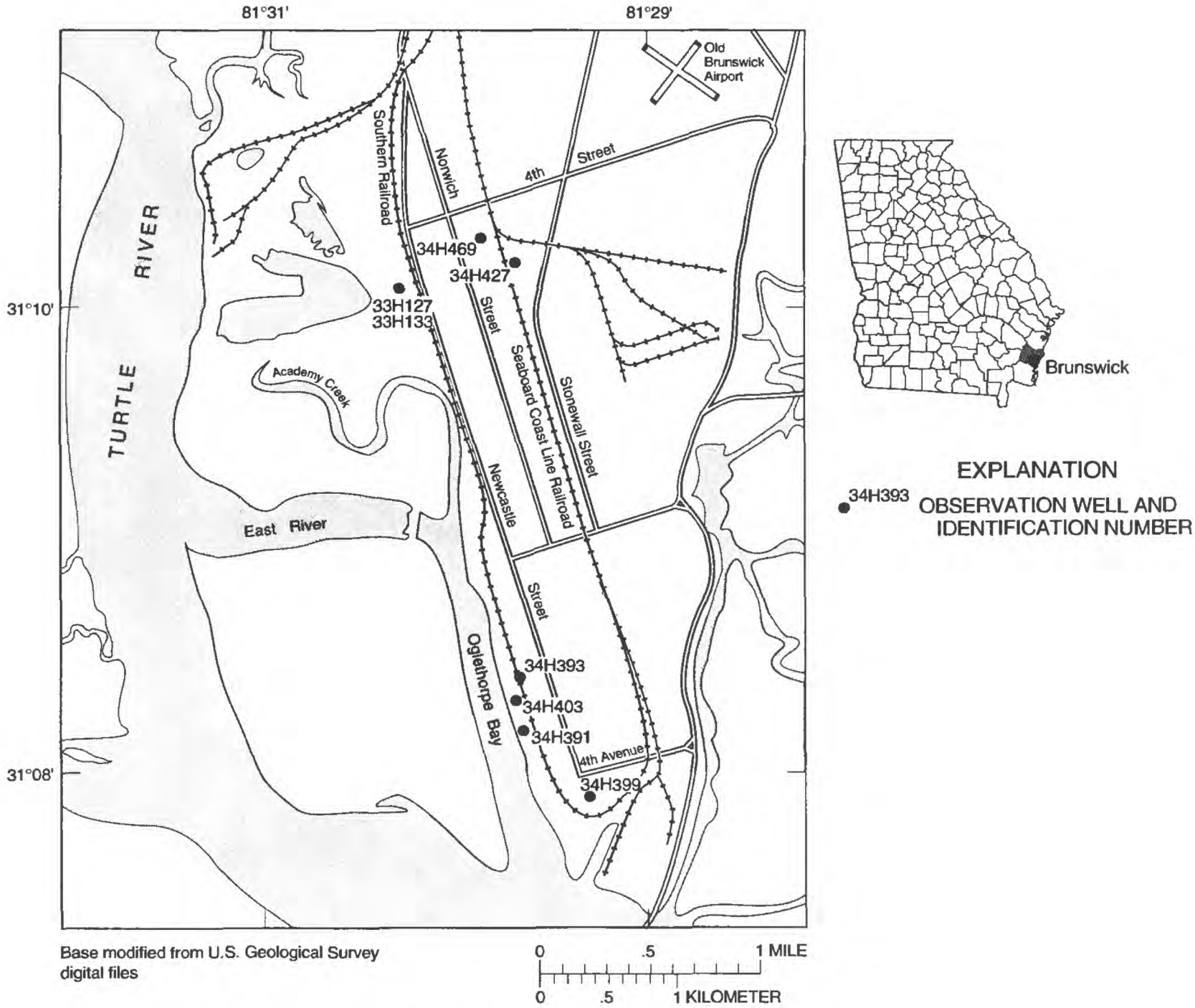


Figure 27. Chloride monitoring wells completed in the Floridan aquifer system, Brunswick area.

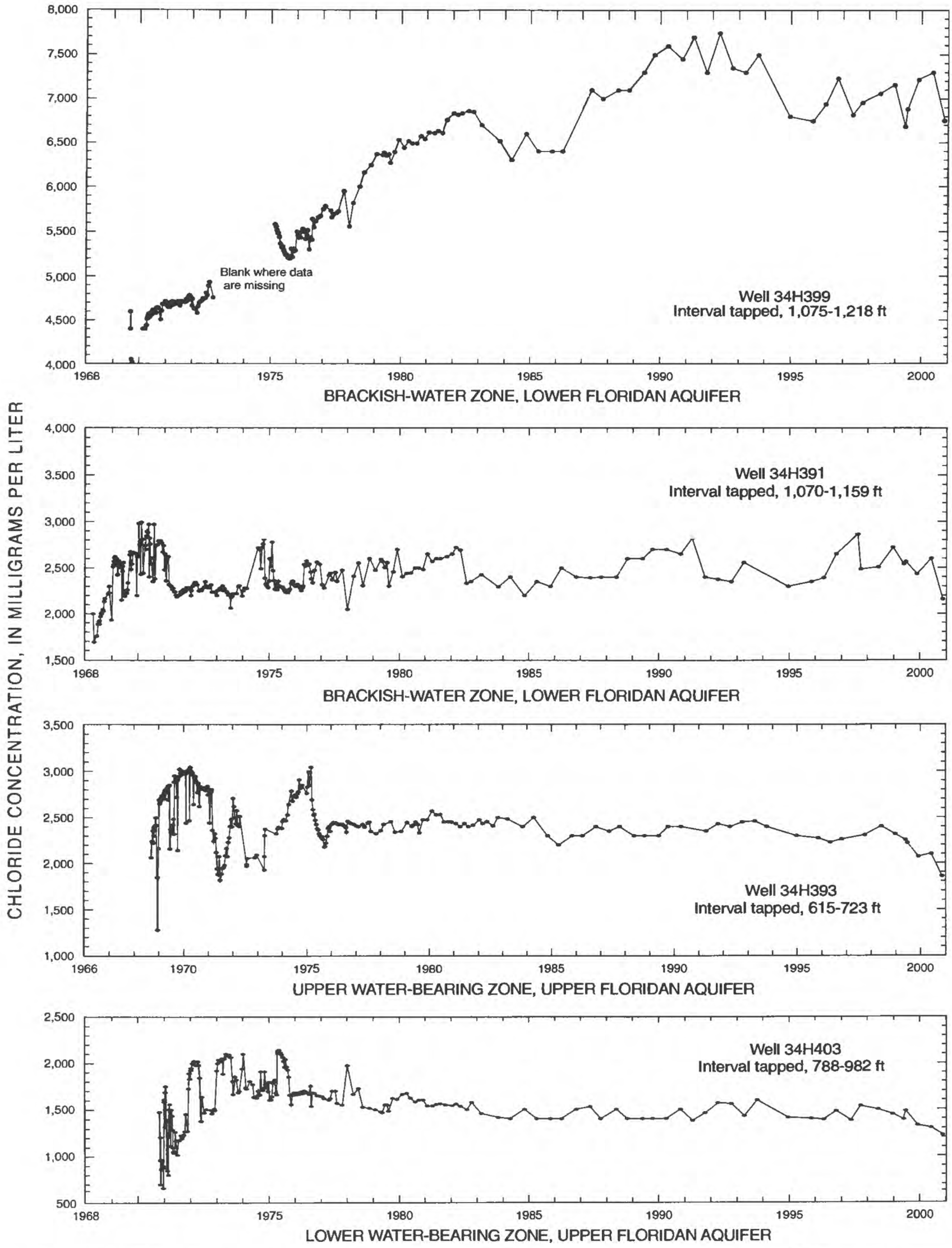


Figure 28. Chloride concentration in water from the Floridan aquifer system in the south Brunswick area.

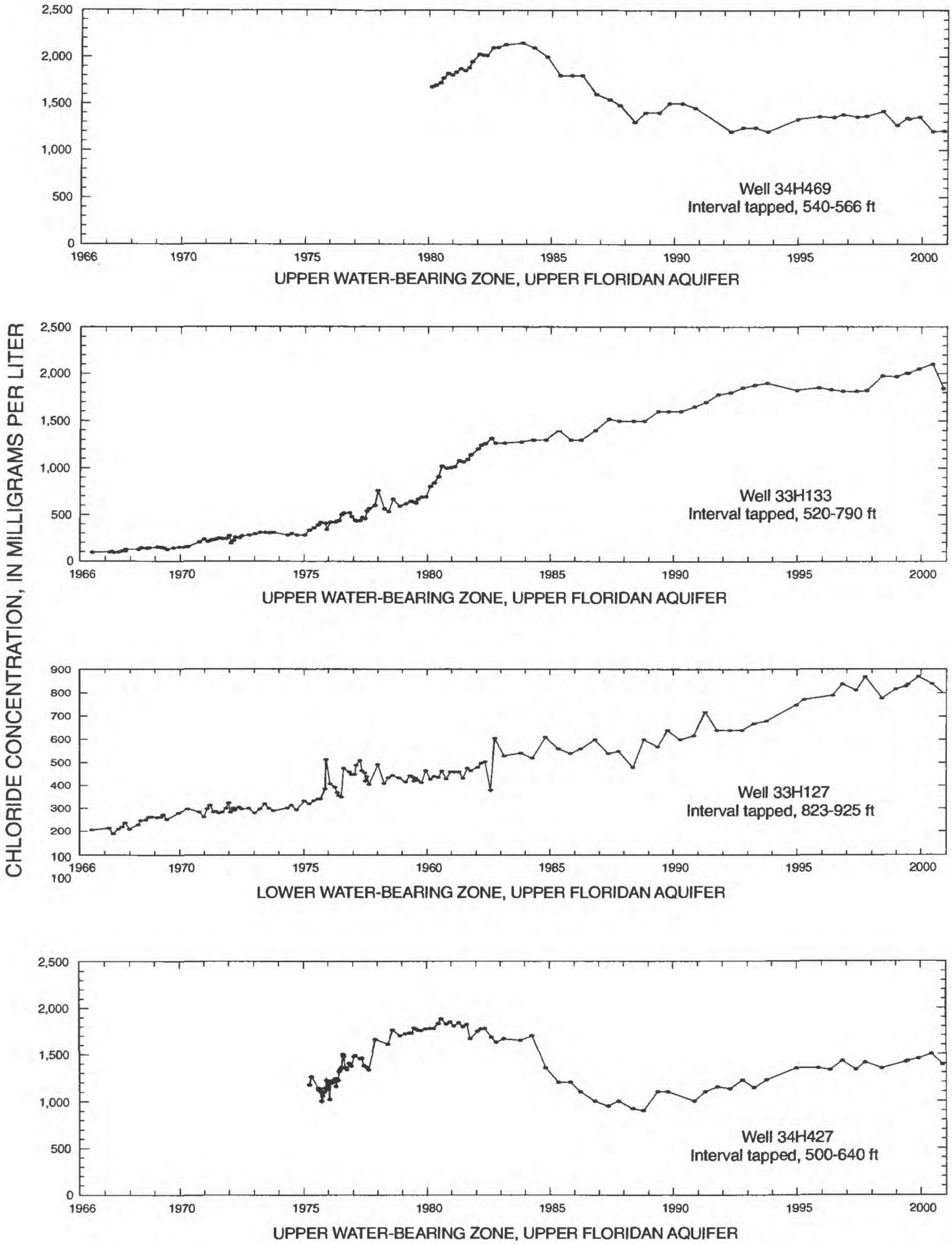


Figure 29. Chloride concentration in water from the Floridan aquifer system in the north Brunswick area.

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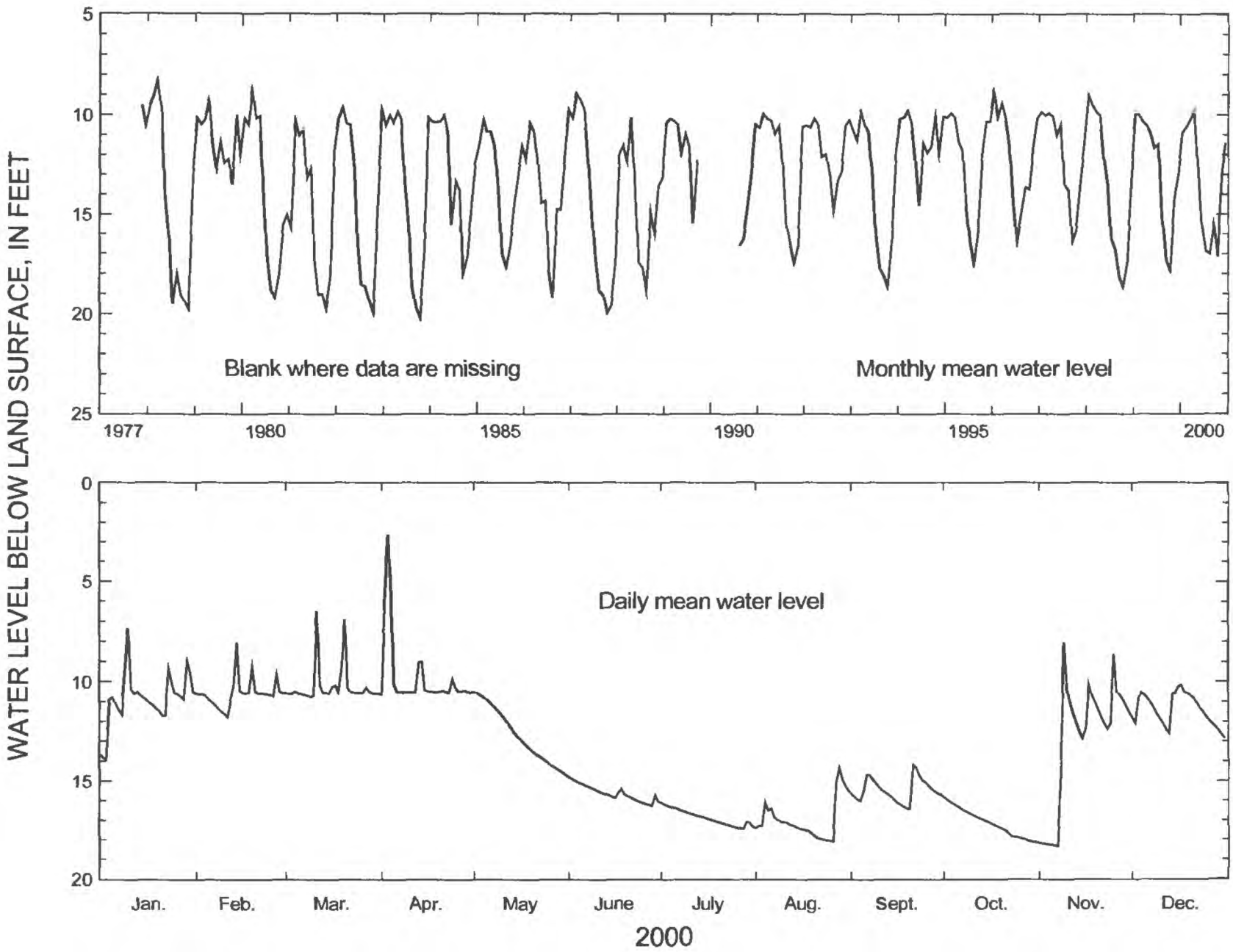
APPENDIX

IDENTIFICATION NUMBER. 03PP01

COUNTY.—Walker
LOCATION.—Lat 34°54′08″, long 85°16′00″, Hydrologic Unit 06020001.
SITE NAME.—U.S. National Park Service, Chickamauga Battlefield Park.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Paleozoic rock (Chickamauga Limestone).
WELL CHARACTERISTICS.—Cable-tooled observation well, diameter 8 in., depth 72 ft, cased to 11 ft, open hole.
DATUM.—Altitude of land-surface datum is 730 ft.
REMARKS.—None.
PERIOD OF RECORD.—November 1977 to current year. Continuous record since November 1977.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 0.32 ft below land-surface datum, January 8,1998, but may have been higher during period of missing record; lowest, 21.70 ft below land-surface datum, August 5,1978.

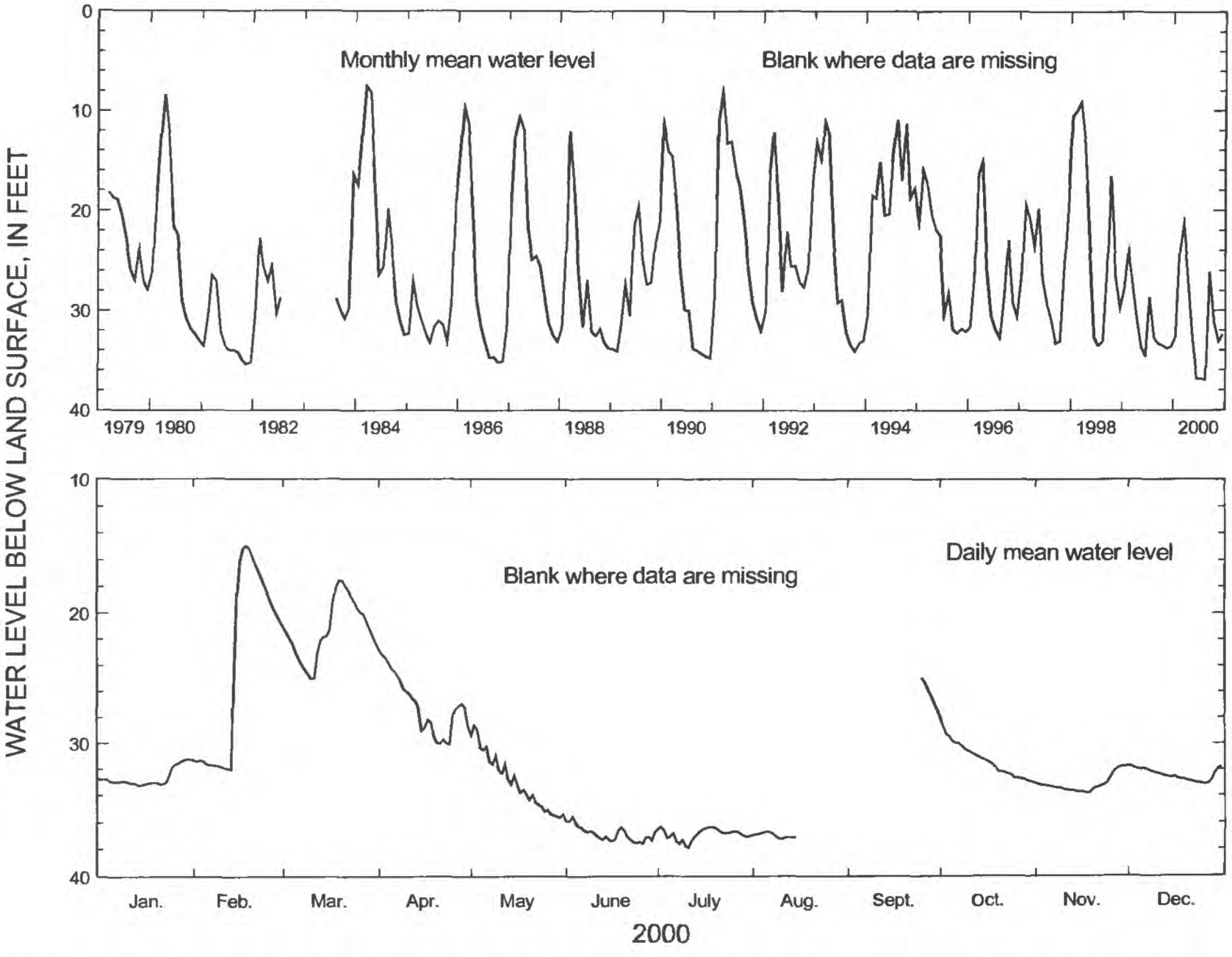


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	7.32	8.06	6.48	2.55	10.55	14.80	16.12	14.33	14.18	15.83	8.03	10.17
MEAN	10.91	10.61	10.25	9.79	12.69	15.62	16.86	16.99	15.48	17.13	12.94	11.42
LOW	13.93	11.78	10.76	10.63	14.70	16.25	17.45	18.10	16.47	18.15	18.35	12.86

SUMMARY FOR 2000 HIGH 2.55 (Apr. 3, 2000) MEAN 13.40 LOW 18.35 (Nov. 7, 2000)

IDENTIFICATION NUMBER. 06F001.

COUNTY.—Seminole
LOCATION.—Lat 30°54′01″, long 84°53′40″, Hydrologic Unit 03130004.
SITE NAME.—Roddenbery Company Farms, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 150 ft, cased to 98.5 ft, open hole.
DATUM.—Altitude of land-surface datum is 110 ft.
REMARKS.—Water-level data for period, August 16 to September 24, 2000, are missing.
PERIOD OF RECORD.—March 1979 to July 1982, August 1983 to current year. Continuous record March 1979 to July 1982, and since August 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 4.13 ft below land-surface datum, March 8, 1984; lowest, 37.88 ft below land-surface datum, July 11, 2000.

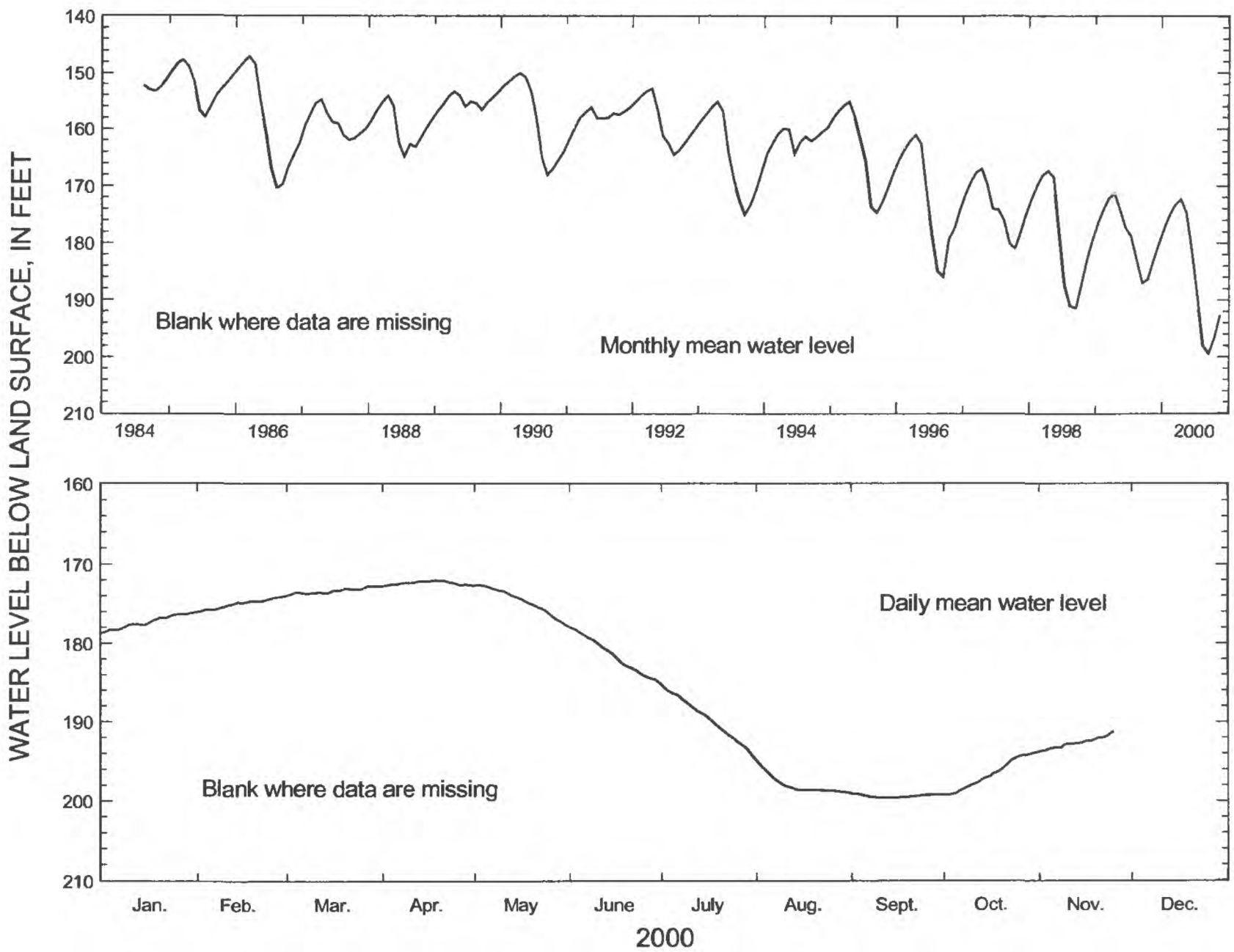


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	31.22	14.96	17.52	22.83	28.54	35.57	36.34	------	------	27.88	31.74	31.73
MEAN	32.62	24.11	21.24	26.97	32.92	36.86	36.89	------	------	31.23	33.15	32.44
LOW	33.22	31.99	25.02	30.08	35.65	37.61	37.88	------	------	32.97	33.83	33.11

SUMMARY FOR 2000 HIGH 14.96 (Feb. 18, 2000) MEAN ------ LOW 37.88 (July 11, 2000)

IDENTIFICATION NUMBER. 06K009.

COUNTY.—Early
LOCATION.—Lat 31°28′24″, long 84°55′12″, Hydrologic Unit 03130004.
SITE NAME.—Georgia Geologic Survey, Kolomoki Mounds State Park, test well 1.
INSTRUMENTATION.—*Electronic data recorder.*
AQUIFER.—Clayton.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 612 ft, cased to 491 ft, open hole.
DATUM.—Altitude of land-surface datum is 310 ft.
REMARK.—Water-level data for period, November 26 to December 31, 2000, are missing.
PERIOD OF RECORD.—August 1984 to current year. Continuous record since August 1984.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 146.62 ft below land-surface datum, April 3, 1986; lowest,199.60 ft below land-surface datum, September 11, 2000.

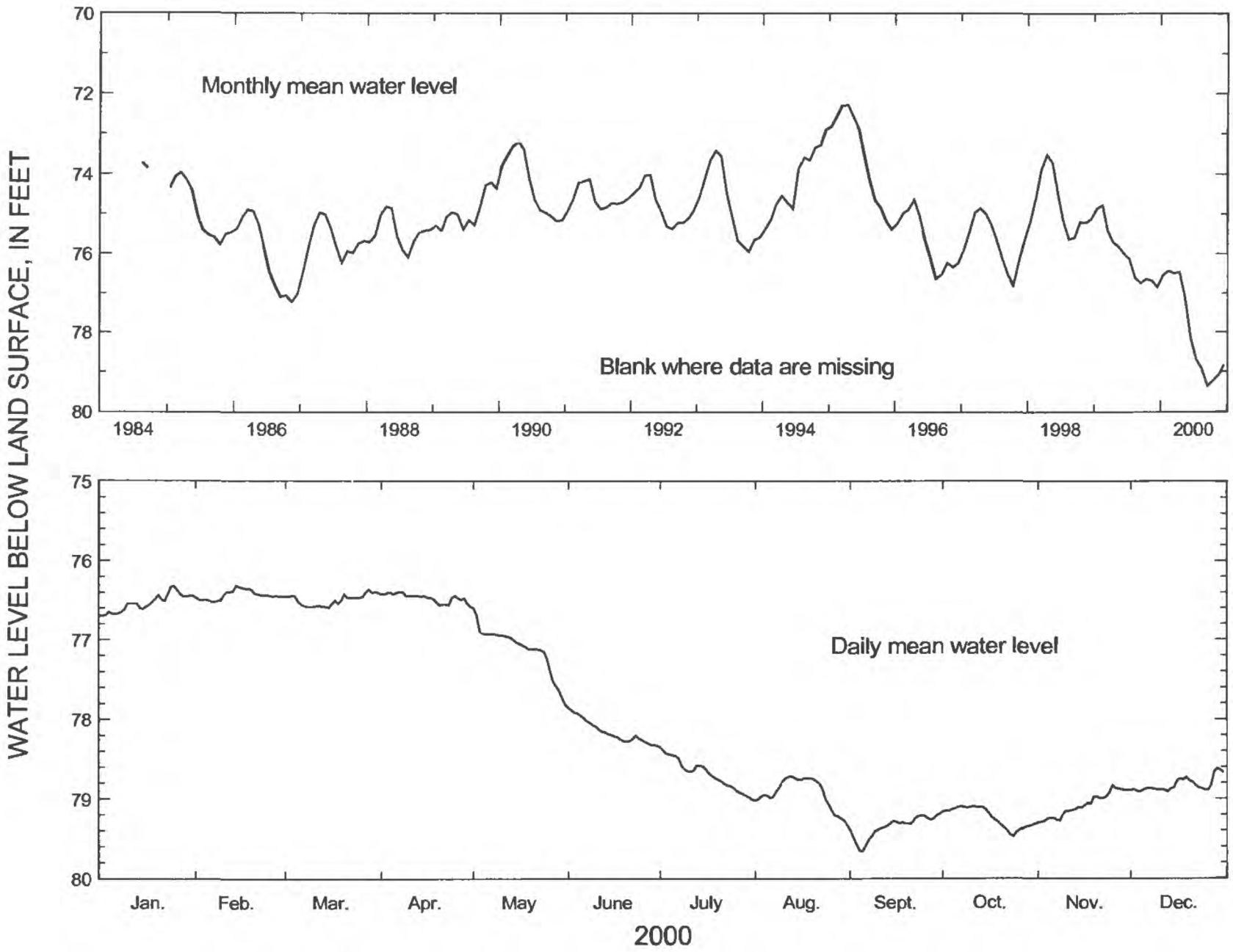


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	176.06	174.01	172.70	172.00	172.60	177.93	185.22	194.85	199.06	193.90	191.21	------
MEAN	177.31	174.96	173.30	172.32	174.59	181.48	189.58	197.97	199.38	196.65	192.68	------
LOW	178.70	176.00	173.91	172.70	177.69	184.86	194.37	198.91	199.60	199.19	193.79	------

SUMMARY FOR 2000 HIGH 172.00 (Apr. 18-20, 2000) MEAN ------ LOW 199.60 (Sept. 11, 2000)

IDENTIFICATION NUMBER. 06K010.

COUNTY.—Early
LOCATION.—Lat 31°28′24″, long 84°55′09″, Hydrologic Unit 03130004.
SITE NAME.—Georgia Geologic Survey, Kolomoki Mounds State Park, test well 3.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Claiborne.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 140 ft, cased to 120 ft, screen from 120 to 140 ft.
DATUM.—Altitude of land-surface datum is 310 ft.
REMARKS.—None.
PERIOD OF RECORD.—August 1984 to current year. Continuous record since January 1985.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 72.22 ft below land-surface datum, March 18, 1995; lowest, 79.66 ft below land-surface datum, September 5, 2000.

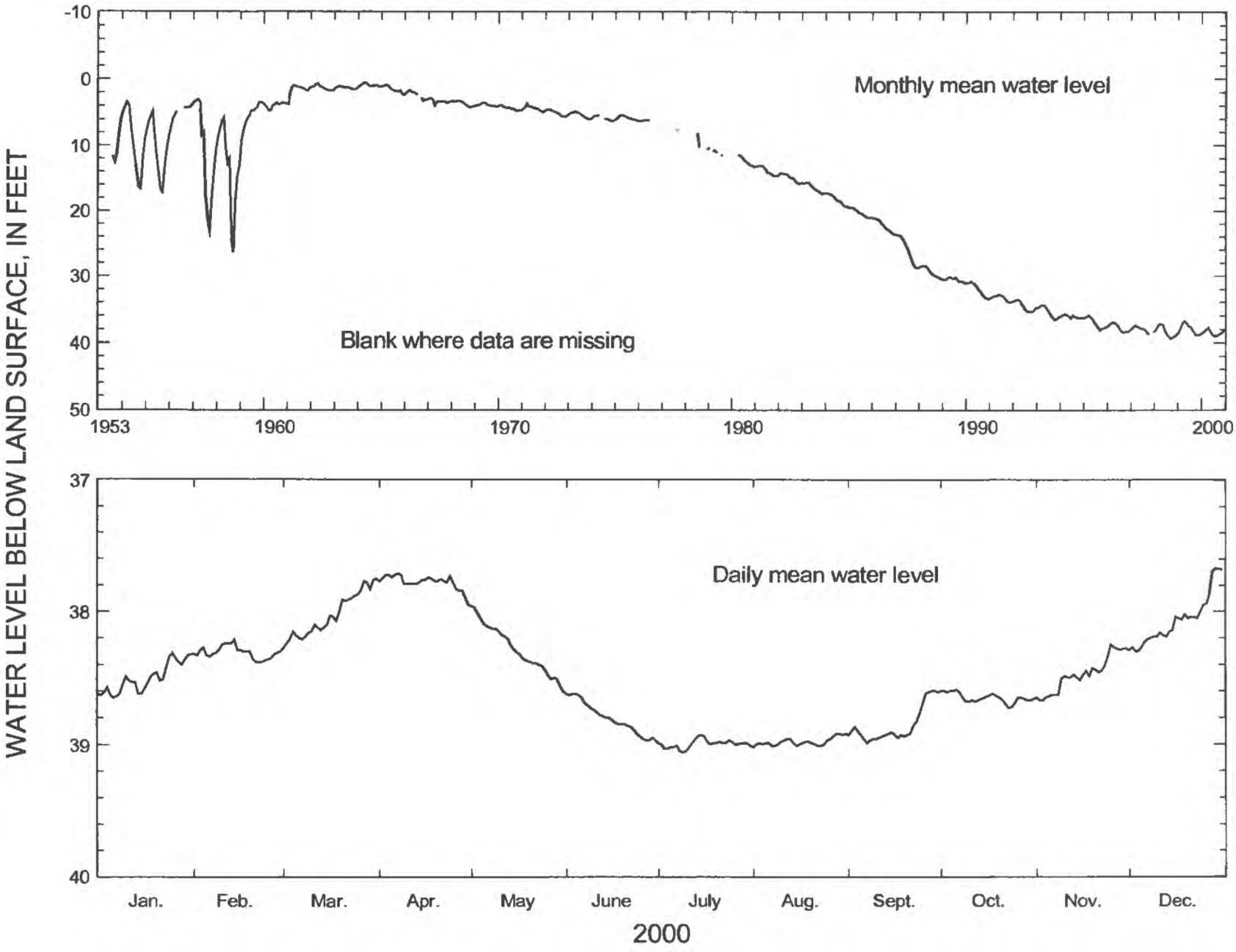


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	76.32	76.31	76.36	76.39	76.60	77.85	78.35	78.72	79.19	79.09	78.83	78.62
MEAN	76.54	76.43	76.49	76.46	77.11	78.15	78.69	78.93	79.36	79.23	79.08	78.83
LOW	76.70	76.52	76.59	76.58	77.81	78.33	79.01	79.33	79.66	79.47	79.30	78.91

SUMMARY FOR 2000 HIGH 76.31 (Feb. 14, 2000) MEAN 77.95 LOW 79.66 (Sept. 5, 2000)

IDENTIFICATION NUMBER. 06S001.

COUNTY.—Chattahoochee
LOCATION.—Lat 32°20′31″, long 84°59′10″, Hydrologic Unit 03130003.
SITE NAME.—U.S. Army, Fort Benning.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.— Cretaceous (Blufftown, Eutaw, and Tuscaloosa Formations).
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 12 in., depth 568 ft, screened intervals 215-220 ft, 230-235 ft, 280-290 ft, and 540-550 ft.
DATUM.—Altitude of land-surface datum is 255 ft.
REMARKS.—None.
PERIOD OF RECORD.—August 1953 to current year. Continuous record since August 1953.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 0.37 ft below land-surface datum, April 10, 1964; lowest, 39.51 ft below land-surface datum, September 25, 1998.

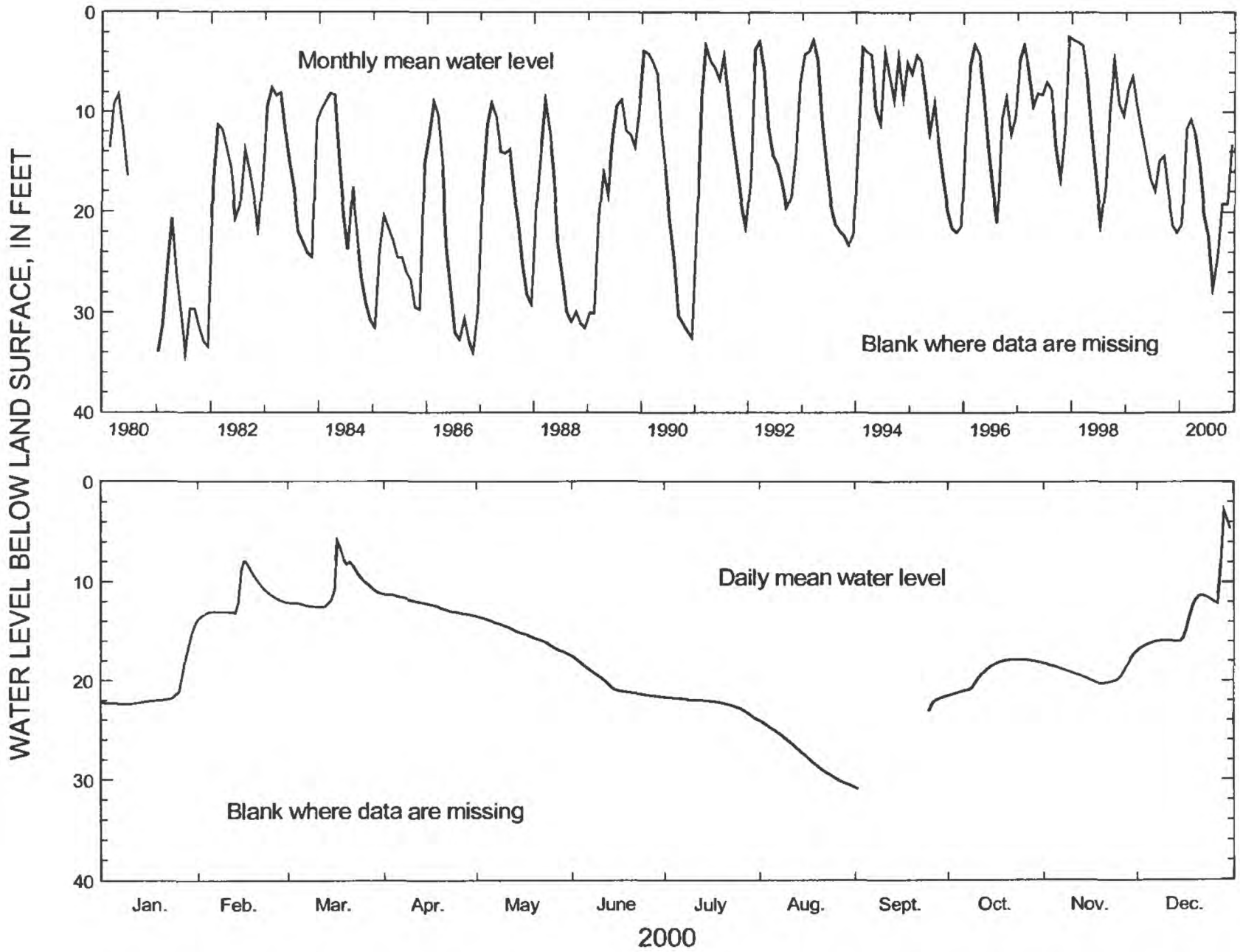


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	38.31	38.21	37.75	37.71	37.96	38.62	38.93	38.92	38.60	38.59	38.25	37.67
MEAN	38.50	38.31	38.03	37.78	38.28	38.80	39.00	38.98	38.86	38.65	38.48	38.07
LOW	38.65	38.38	38.27	37.95	38.60	38.97	39.06	39.02	38.99	38.73	38.67	38.30

SUMMARY FOR 2000 HIGH 37.67 (Dec. 29-30, 2000) MEAN 38.48 LOW 39.06 (July 9, 2000)

IDENTIFICATION NUMBER. 07H002.

COUNTY.—Miller
LOCATION.—Lat 31°10′09″, long 84°49′55″, Hydrologic Unit 03130010.
SITE NAME.—U.S. Geological Survey, test well DP-2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 75 ft, cased to 64 ft, open hole.
DATUM.—Altitude of land-surface datum is 180 ft.
REMARKS.—Water-level data for period, September 3-24, 2000, are missing.
PERIOD OF RECORD.—February 1980 to current year. Continuous record since January 1981.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 0.22 ft below land-surface datum, March 8, 1998; lowest, 36.00 ft below land-surface datum, August 11, 1986.

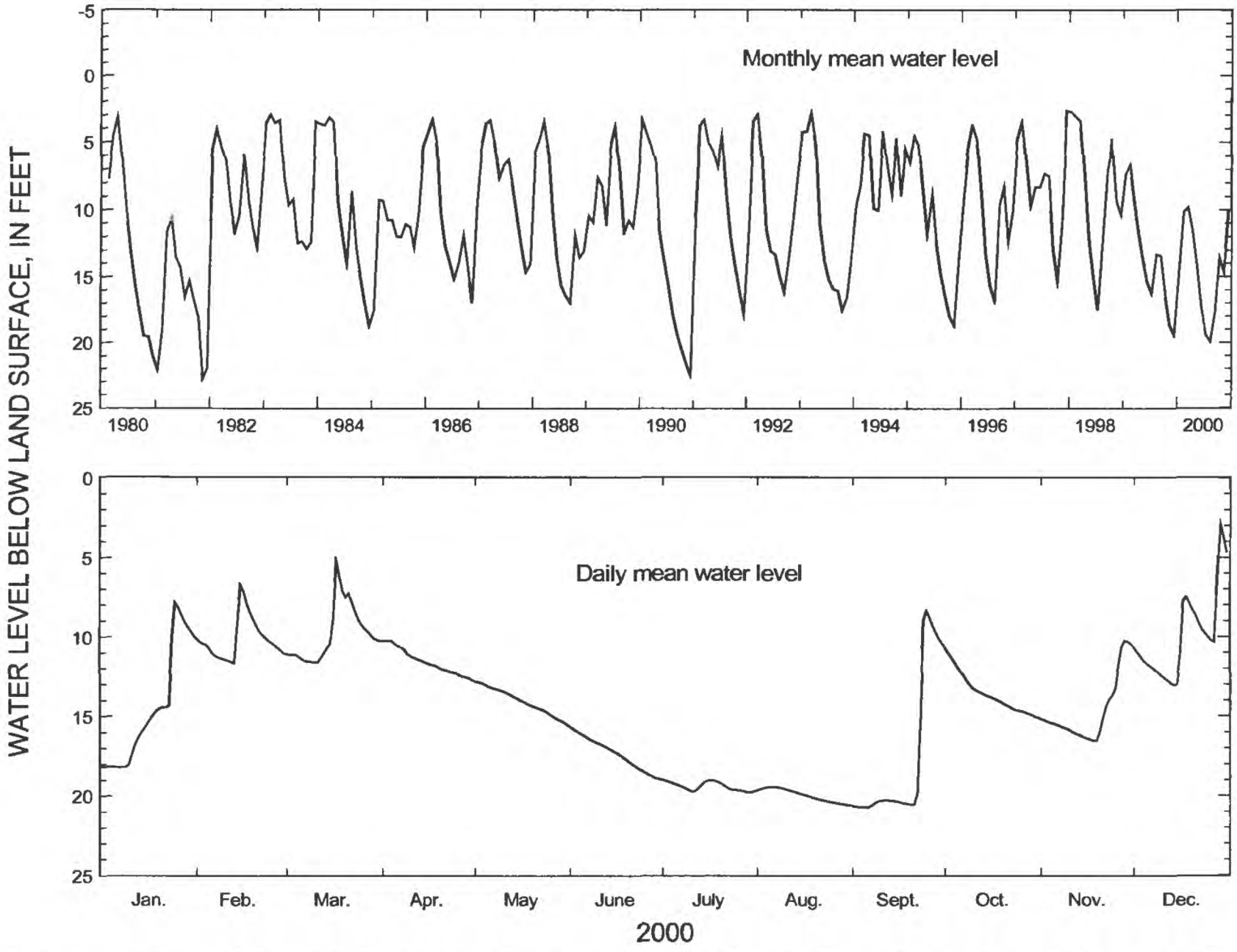


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	14.34	7.80	5.92	11.24	13.47	17.50	21.67	24.01	------	17.89	17.28	2.85
MEAN	21.23	11.66	10.71	12.29	15.27	20.24	22.30	27.53	------	19.17	19.25	13.28
LOW	22.38	13.82	12.56	13.39	17.34	21.63	23.88	30.65	------	21.52	20.30	16.98

SUMMARY FOR 2000 HIGH 2.85 (Dec. 29, 2000) MEAN 17.73 LOW 30.96 (Sept. 2, 2000)

IDENTIFICATION NUMBER. 07H003.

COUNTY.—Miller
LOCATION.—Lat 31°10′08″, long 84°49′54″, Hydrologic Unit 03130010.
SITE NAME.—U.S. Geological Survey, test well DP-3.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Surficial (residuum).
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 40 ft, perforated casing from 30 to 40 ft.
DATUM.—Altitude of land-surface datum is 180 ft.
REMARKS.—None.
PERIOD OF RECORD.—February 1980 to current year. Continuous record since February 1980.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 0.25 ft below land-surface datum, January 30, 1991; lowest, 24.19 ft below land-surface datum, November 10, 1981.

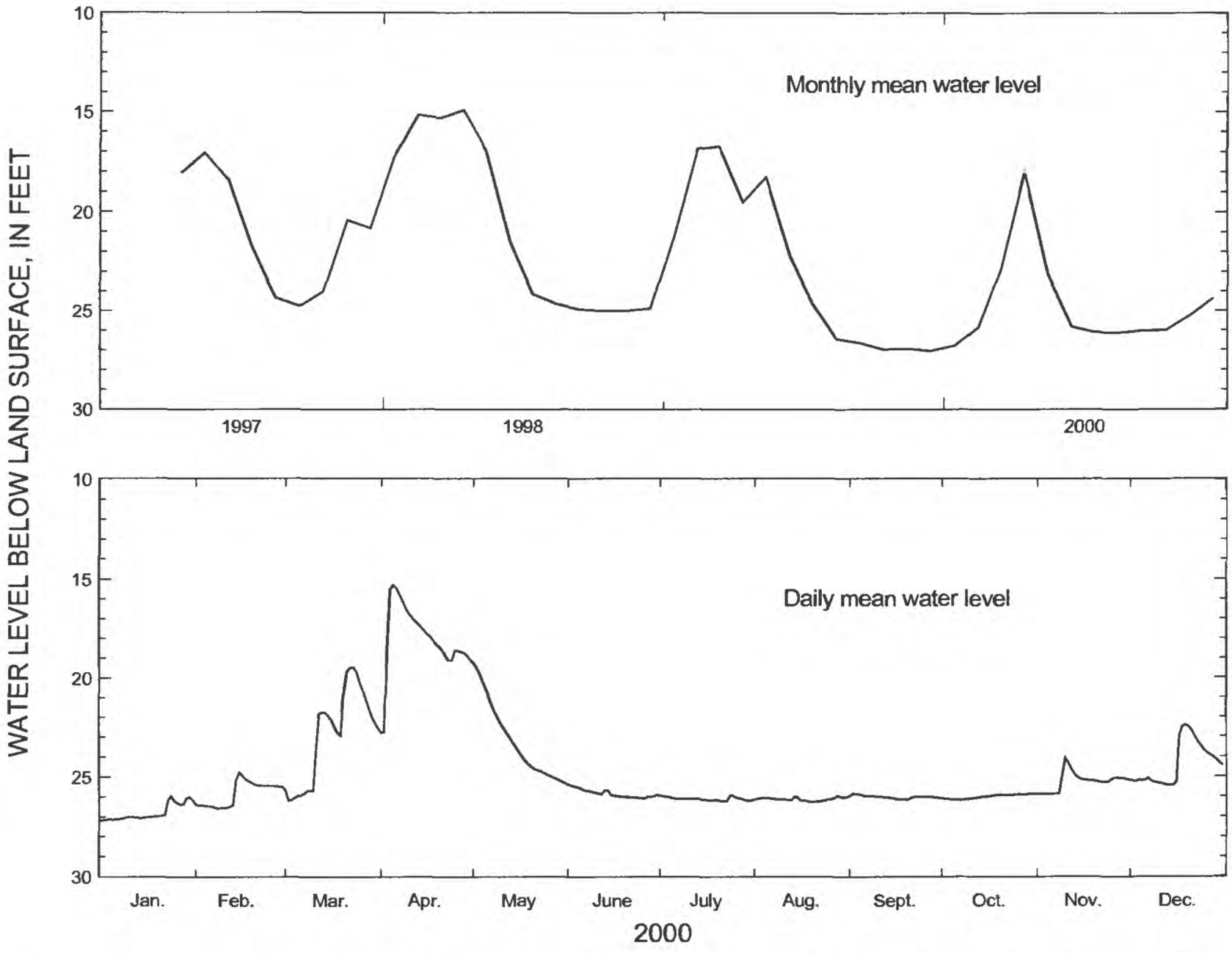


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	7.87	6.77	5.25	10.21	12.80	15.65	18.98	19.43	8.38	10.66	10.25	2.91
MEAN	14.66	10.15	9.81	11.52	14.04	17.31	19.40	19.95	17.69	13.54	14.71	9.96
LOW	18.18	11.67	11.61	12.71	15.52	18.93	19.79	20.59	20.73	15.10	16.54	13.06

SUMMARY FOR 2000 HIGH 2.91 (Dec. 29, 2000) MEAN 14.41 LOW 20.73 (Sept. 6, 2000)

IDENTIFICATION NUMBER. 07KK64.

COUNTY.—Gordon
LOCATION.—Lat 34°29′22″, long 84°51′16″, Hydrologic Unit 03150102.
SITE NAME.—Calhoun, Georgia, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Paleozoic rock (Knox Group).
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 6 in., depth 300 ft, cased to 148 ft, open hole.
DATUM.—Altitude of land-surface datum is 695 ft.
REMARKS.—None.
PERIOD OF RECORD.—April 1997 to current year. Continuous record since April 1997.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 12.54 ft below land-surface datum, April 20, 1998; lowest, 27.28 ft below land-surface datum, October 19, 1999.

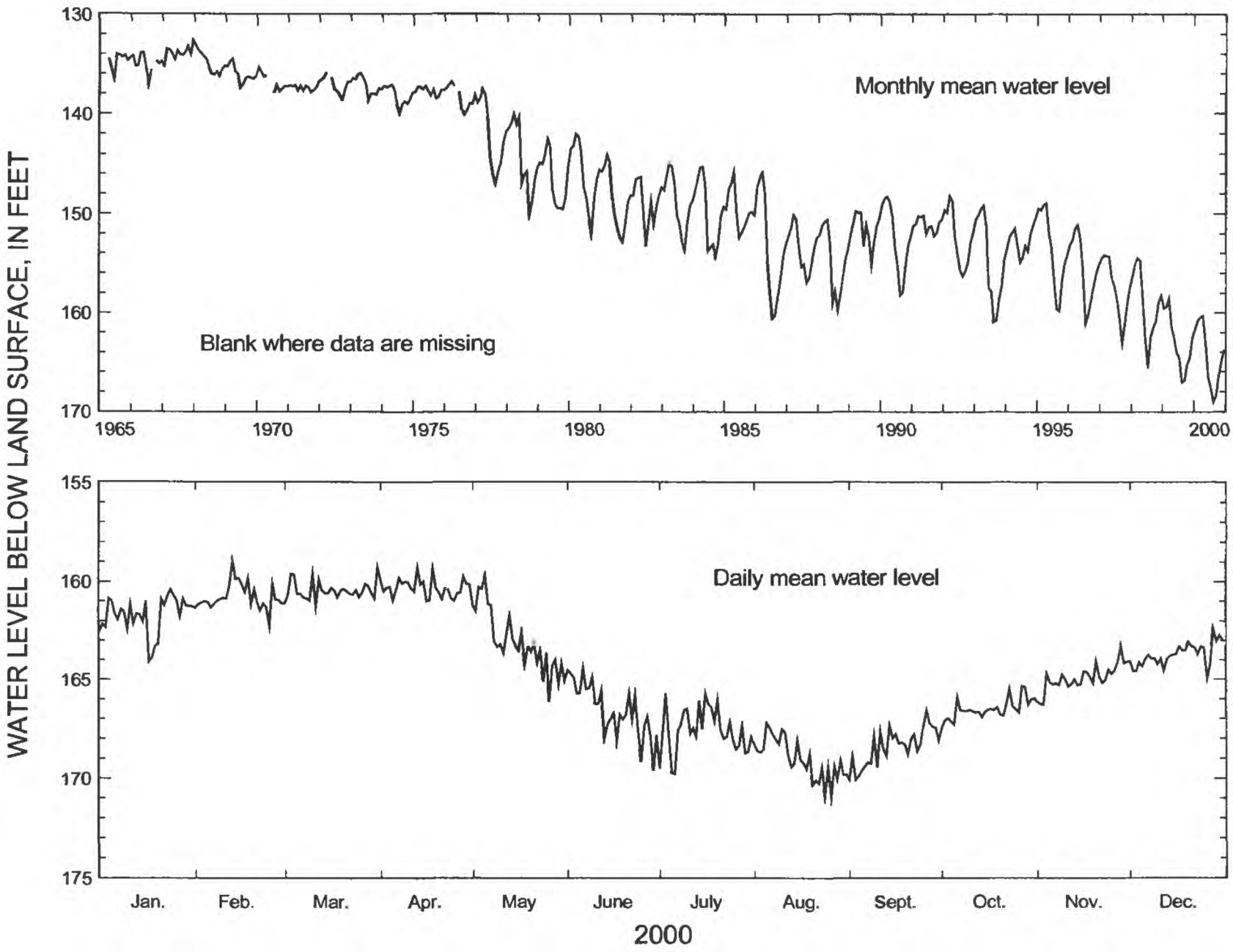


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	25.94	24.77	19.46	15.31	19.21	25.37	25.93	25.95	25.85	25.86	24.06	22.42
MEAN	26.80	25.84	22.87	18.01	23.13	25.83	26.10	26.12	26.02	26.00	25.25	24.37
LOW	27.20	26.57	26.20	22.78	25.31	26.09	26.21	26.26	26.15	26.17	25.87	25.44

SUMMARY FOR 2000 HIGH 15.31 (Apr. 5, 2000) MEAN 24.70 LOW 27.20 (Jan. 1, 2000)

IDENTIFICATION NUMBER. 07N001.

COUNTY.—Randolph
LOCATION.—Lat 31°46′09″, long 84°47′43″, Hydrologic Unit 03110204.
SITE NAME.—City of Cuthbert.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Clayton.
WELL CHARACTERISTICS.—Drilled unused municipal well, diameter 8 in., depth 372 ft, casing depth unknown.
DATUM.—Altitude of land-surface datum is 460 ft.
REMARKS.—Located near city supply wells.
PERIOD OF RECORD.—January 1965 to current year. Continuous record since January 1965.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 132.00 ft below land-surface datum, December 10, 31, 1967; lowest, 170.94 ft below land-surface datum, August 26, 2000.

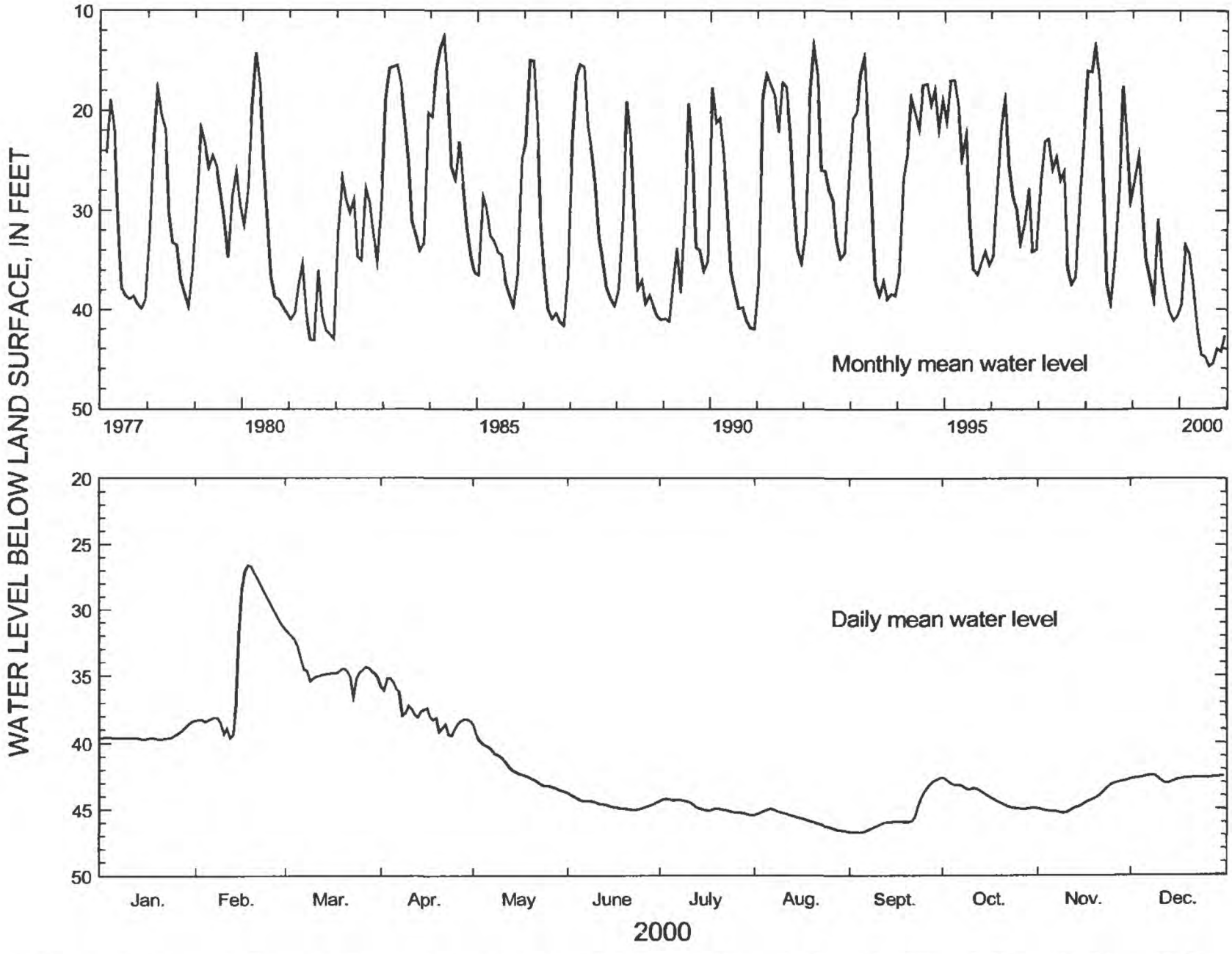


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	160.38	158.93	159.24	159.26	159.63	164.39	165.70	167.20	166.58	165.36	163.28	162.41
MEAN	161.71	160.78	160.45	160.30	163.05	166.55	167.58	169.04	168.42	166.52	164.95	163.74
LOW	164.08	162.27	161.26	160.98	166.15	169.62	169.79	170.94	170.09	167.44	166.31	164.96

SUMMARY FOR 2000 HIGH 158.93 (Feb. 13, 2000) MEAN 164.44 LOW 170.94 (Aug. 26, 2000)

IDENTIFICATION NUMBER. 08G001.

COUNTY.—Miller
LOCATION.—Lat 31°06′51″, long 84°40′45″, Hydrologic Unit 03130010.
SITE NAME.—Viercocken.
INSTRUMENTATION.—Electronic data recorder with GOES Satellite transmitter.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled unused irrigation well, diameter 12 in., depth 255 ft, cased to 130 ft, open hole.
DATUM.—Altitude of land-surface datum is 150 ft.
REMARKS.—None.
PERIOD OF RECORD.—February 1977 to current year. Continuous record since February 1977.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 11.18 ft below land-surface datum, April 11, 1984; lowest, 46.78 ft below land-surface datum, September 3-4, 2000.

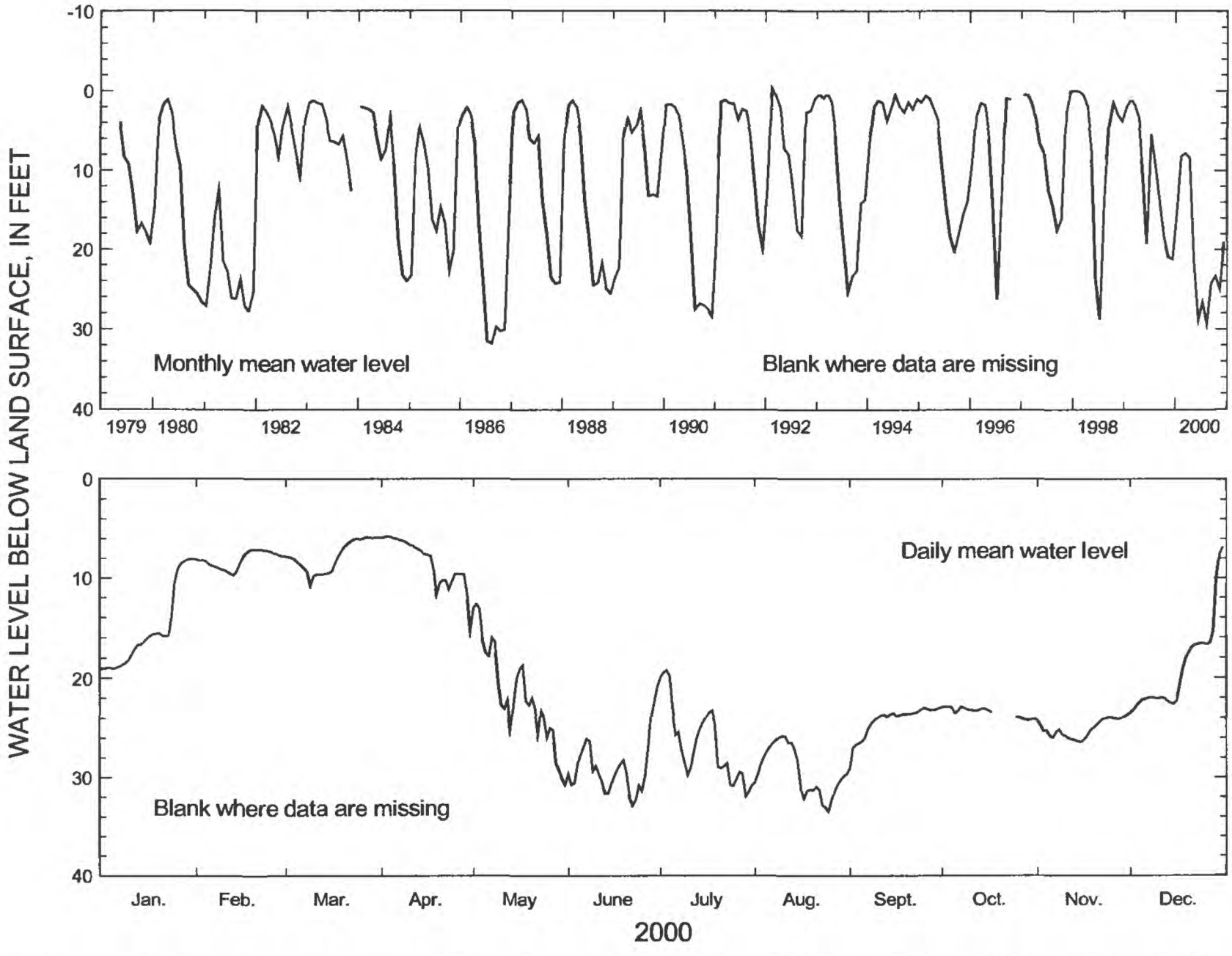


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	38.37	26.61	31.52	35.19	38.63	43.79	44.23	44.97	42.68	42.61	42.80	42.44
MEAN	39.48	33.51	34.41	37.65	41.90	44.63	44.84	45.78	45.51	44.04	44.33	42.67
LOW	39.72	39.63	36.62	39.45	43.69	45.05	45.44	46.70	46.78	45.01	45.30	43.05

SUMMARY FOR 2000 HIGH 26.61 (Feb. 18, 2000) MEAN 41.59 LOW 46.78 (Sept. 3-4, 2000)

IDENTIFICATION NUMBER. 08K001.

COUNTY.—Early
LOCATION.—Lat 31°22′32″, long 84°39′17″, Hydrologic Unit 03130010.
SITE NAME.—Ike Newberry, test well 1.
INSTRUMENTATION.—Electronic data recorder with GOES Satellite transmitter.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 125 ft, cased to 61 ft, open hole.
DATUM.—Altitude of land-surface datum is 230 ft.
REMARKS.—Water-level data for period, October 18-24, 2000, are missing.
PERIOD OF RECORD.—May 1979 to current year. Continuous record since May 1979.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 2.46 ft above land-surface datum, February 23, 1992; lowest, 37.10 ft below land-surface datum, July 20, 1986.

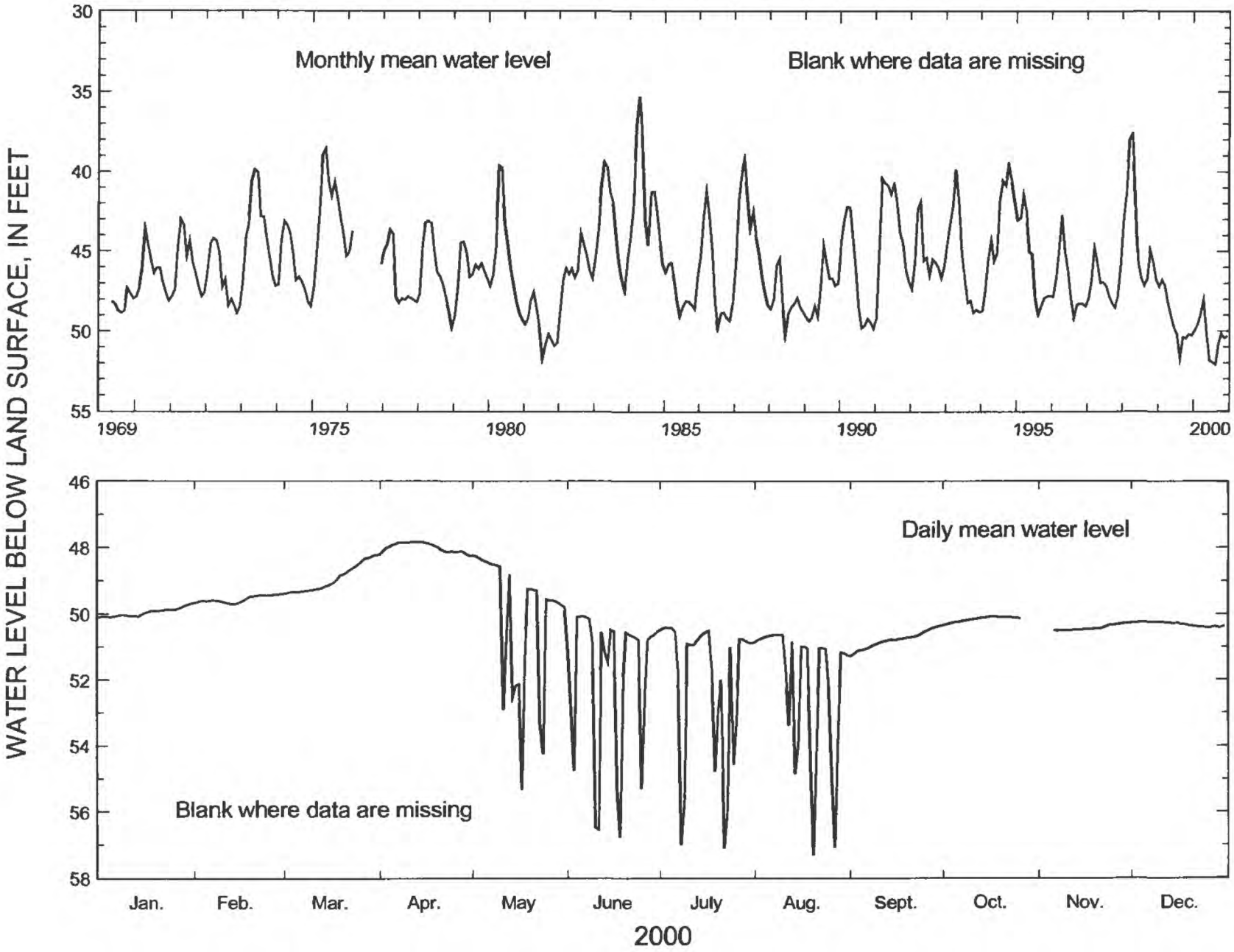


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	8.05	7.07	5.84	5.75	12.57	20.87	19.24	25.80	22.99	------	23.69	6.81
MEAN	15.28	8.15	7.80	8.33	21.73	28.93	26.64	29.44	24.28	------	25.05	19.04
LOW	19.09	9.76	10.76	15.26	30.74	32.85	31.95	33.44	29.05	------	26.41	23.47

SUMMARY FOR 2000 HIGH 5.75 (Apr. 3, 2000) MEAN 19.81 LOW 33.44 (Aug. 25, 2000)

IDENTIFICATION NUMBER. 09F520.

COUNTY.—Decatur
LOCATION.—Lat 30°57′42″, long 84°35′46″, Hydrologic Unit 03130008.
SITE NAME.—Graham Bolton.
INSTRUMENTATION.—Electronic data recorder with GOES Satellite transmitter.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled unused irrigation well, diameter 12 in., depth 251 ft, cased to 130 ft, open hole.
DATUM.—Altitude of land-surface datum is 128 ft.
REMARKS.—Water-level data for period October 27 to November 5 are missing. This well is about 15 ft from an irrigation well.
PERIOD OF RECORD.—May 1969 to current year. Continuous record since May 1969.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 34.86 ft below land-surface datum, April 15, 1984;

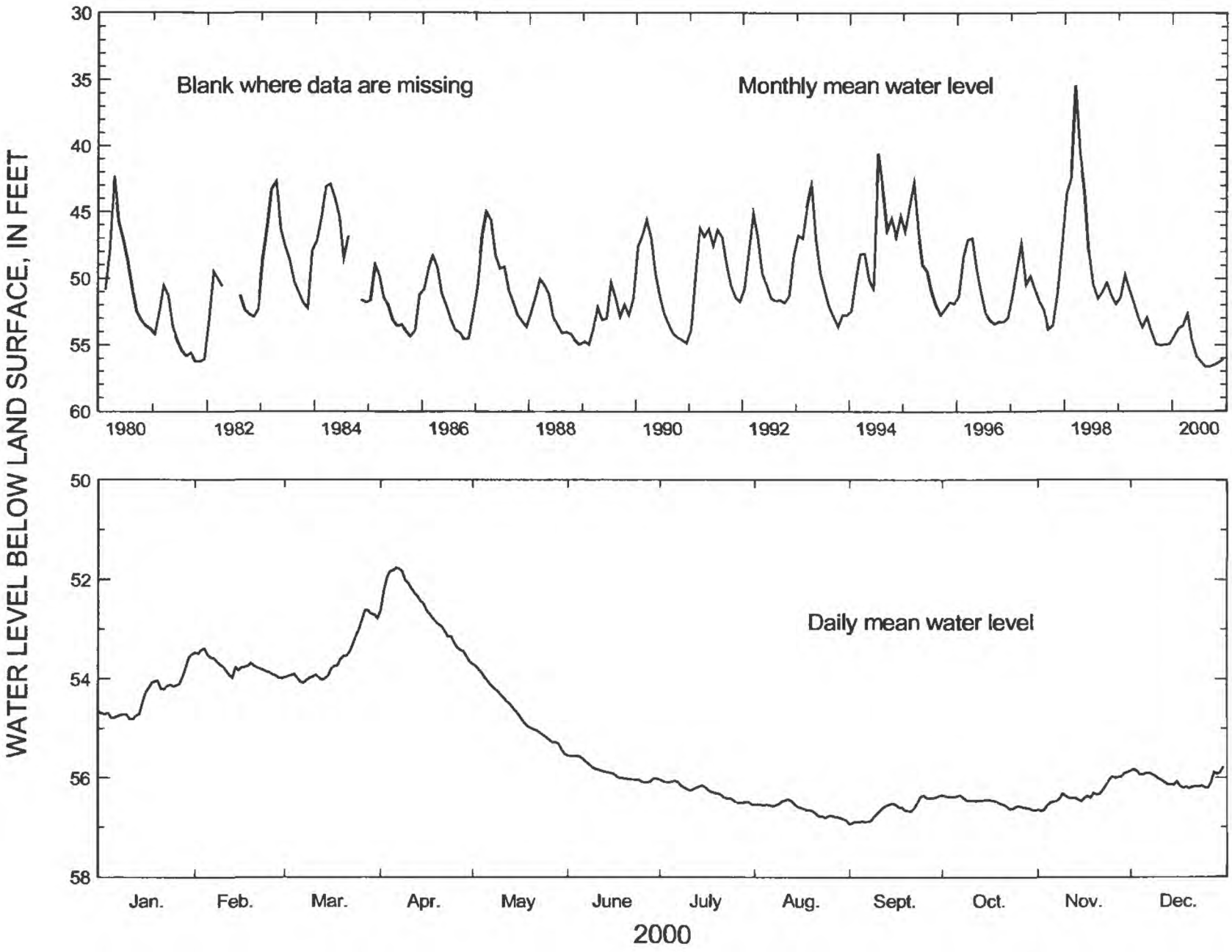


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	49.68	49.40	48.23	47.84	48.24	50.06	50.40	50.62	50.37	50.08	50.29	50.25
MEAN	49.95	49.56	48.94	47.99	50.08	51.83	51.95	52.10	50.79	50.17	50.44	50.32
LOW	50.10	49.70	49.38	48.25	55.33	56.78	57.11	57.31	51.28	50.34	50.52	50.42

SUMMARY FOR 2000 HIGH 47.84 (Apr. 11-15, 2000) MEAN 50.35 LOW 57.31 (Aug. 20, 2000)

IDENTIFICATION NUMBER. 09G001.

COUNTY.—Decatur
LOCATION.—Lat 31°04′28″, long 84°31′05″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well DP-4.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 455 ft, cased to 382 ft, open hole.
DATUM.—Altitude of land-surface datum is 145 ft.
REMARKS.—Water levels may be affected by stage in the nearby Flint River.
PERIOD OF RECORD.—February 1980 to current year. Continuous record since February 1980.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 27.12 ft below land-surface datum, March 16, 1998; lowest, 56.94 ft below land-surface datum, September 1, 2000.

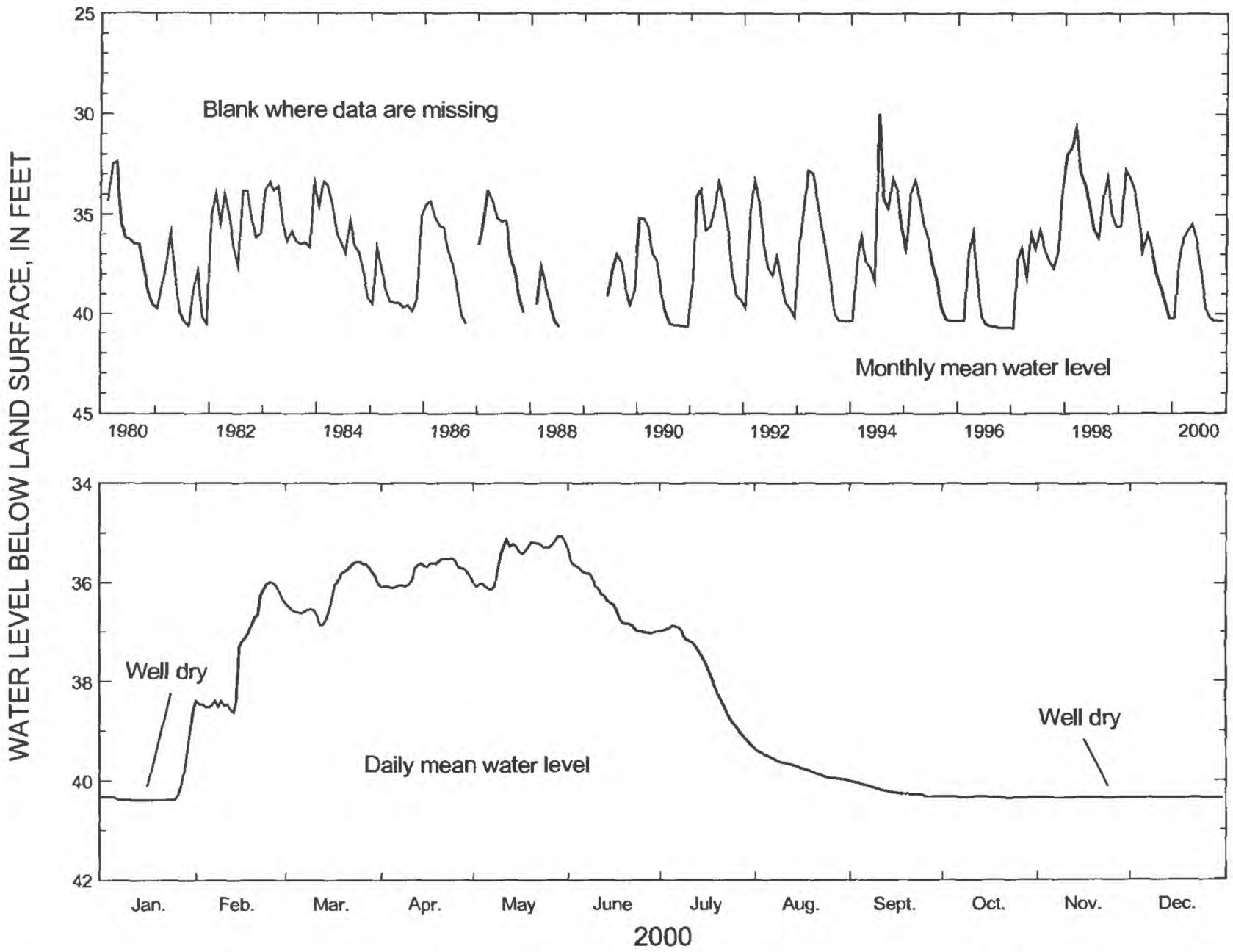


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	53.50	53.39	52.61	51.76	53.70	55.55	56.04	56.44	56.36	56.35	55.89	55.78
MEAN	54.36	53.74	53.57	52.61	54.66	55.88	56.28	56.64	56.64	56.50	56.32	56.04
LOW	54.81	53.99	54.08	53.65	55.51	56.10	56.54	56.87	56.94	56.66	56.68	56.22

SUMMARY FOR 2000 HIGH 51.76 (Apr. 6, 2000) MEAN 55.28 LOW 56.94 (Sept. 1, 2000)

IDENTIFICATION NUMBER. 09G003.

COUNTY.—Decatur
LOCATION.—Lat 31°04′28″, long 84°31′05″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well DP-6.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—*Surficial* (sediments of Eocene age).
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 41 ft, cased to 30 ft, open hole.
DATUM.—Altitude of land-surface datum is 145 ft.
REMARKS.—Well can go dry during periods of decreased rainfall.
PERIOD OF RECORD.—February 1980 to current year. Continuous record since February 1980.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 20.56 ft below land-surface datum, July 16, 1994; lowest, well goes dry.

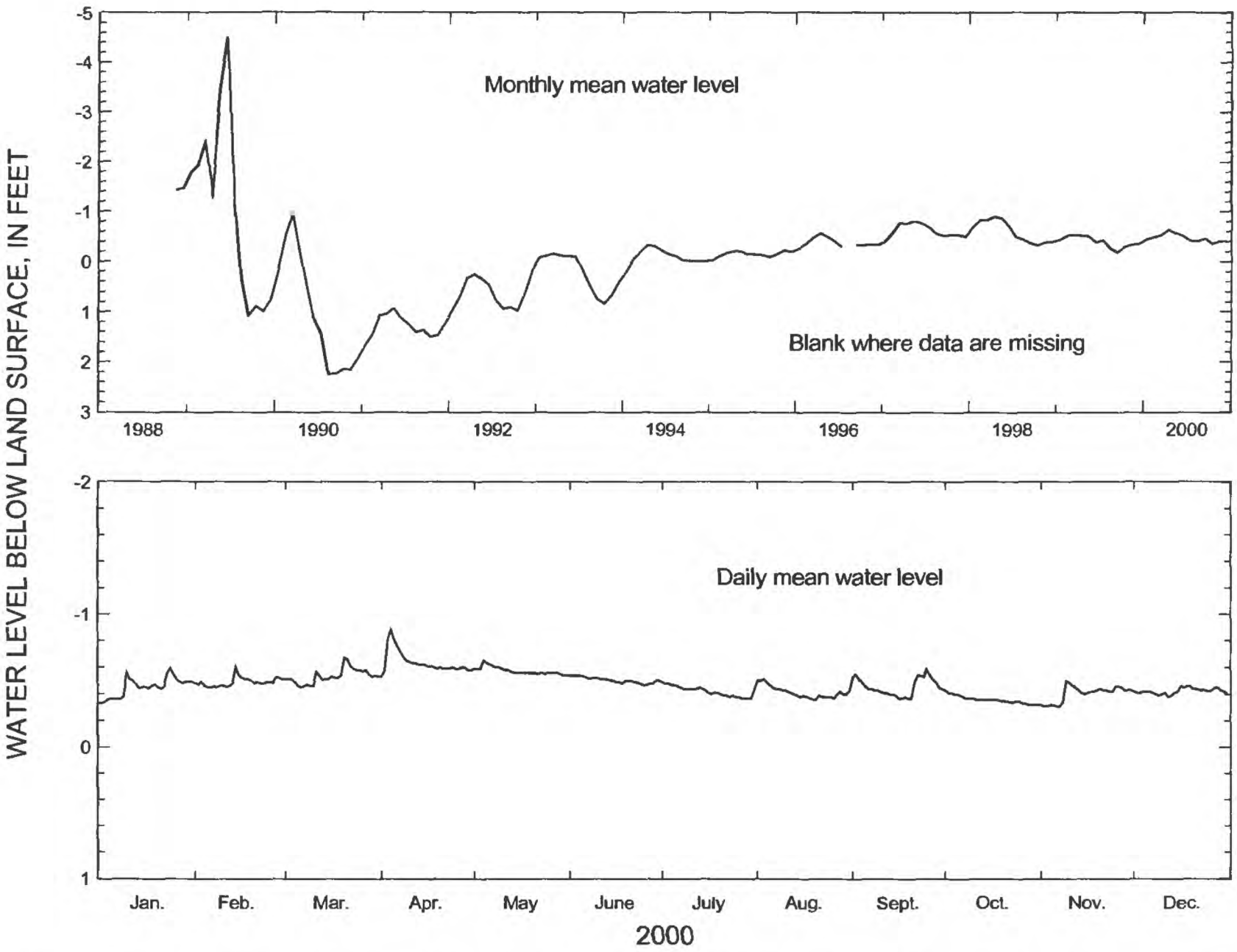


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	38.58	35.99	35.58	35.51	35.07	35.32	36.87	39.35	40.01	40.33	40.35	40.35
MEAN	40.22	37.47	36.19	35.79	35.47	36.40	37.87	39.73	40.21	40.34	40.35	40.35
LOW	40.39	38.62	36.87	36.11	36.13	37.04	39.29	39.99	40.33	40.36	40.36	40.36

SUMMARY FOR 2000 HIGH 35.07 (May 29-30, 2000) MEAN ------ LOW 40.39 (Well dry)

IDENTIFICATION NUMBER. 09JJ02.

COUNTY.—Cherokee
LOCATION.—Lat 34°19′13″, long 84°32′53″, Hydrologic Unit 03150104.
SITE NAME.—Reinhardt College, well A.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Crystalline rock.
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 8 in., depth 370 ft, cased to 104 ft, open hole.
DATUM.—Altitude of land-surface datum is 1,060 ft.
REMARKS.—None.
PERIOD OF RECORD.—November 1988 to current year. Continuous record since November 1988.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 5.79 ft above land-surface datum, June 22, 1989; lowest, 2.77 ft below land-surface datum, September 22, 1990.



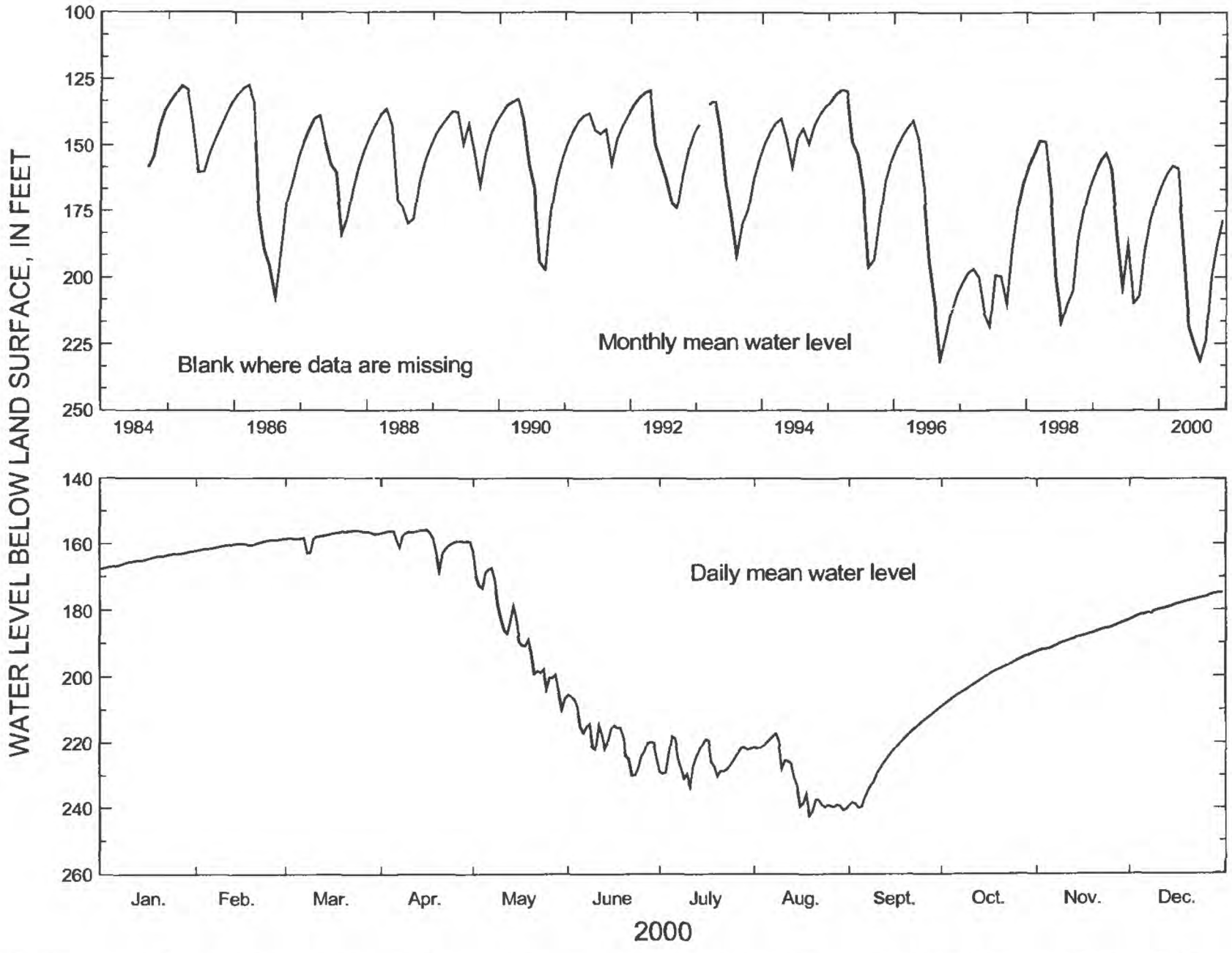
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-0.59	-0.60	-0.67	-0.88	-0.65	-0.54	-0.49	-0.51	-0.59	-0.43	-0.50	-0.46
MEAN	-0.45	-0.49	-0.53	-0.64	-0.57	-0.51	-0.42	-0.41	-0.46	-0.36	-0.41	-0.42
LOW	-0.33	-0.45	-0.45	-0.53	-0.54	-0.47	-0.37	-0.36	-0.37	-0.32	-0.31	-0.38

SUMMARY FOR 2000 HIGH -0.88 (Apr. 4, 2000) MEAN -0.47 LOW -0.31 (Nov. 2-3, 6-7, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 09M007.

COUNTY.—Randolph
LOCATION.—Lat 31°39′52″, long 84°36′12″, Hydrologic Unit 03130009.
SITE NAME.—C.T. Martin, test well 2.
INSTRUMENTATION.—Electronic data recorder with GOES Satellite transmitter.
AQUIFER.—Clayton.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 430 ft, cased to 356 ft, open hole.
DATUM.—Altitude of land-surface datum is 322 ft.
REMARKS.—None.
PERIOD OF RECORD.—September 1984 to current year. Continuous record since September 1984.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 126.55 ft below land-surface datum, March 27, 1986; lowest, 242.37 ft below land-surface datum, August 19, 2000.

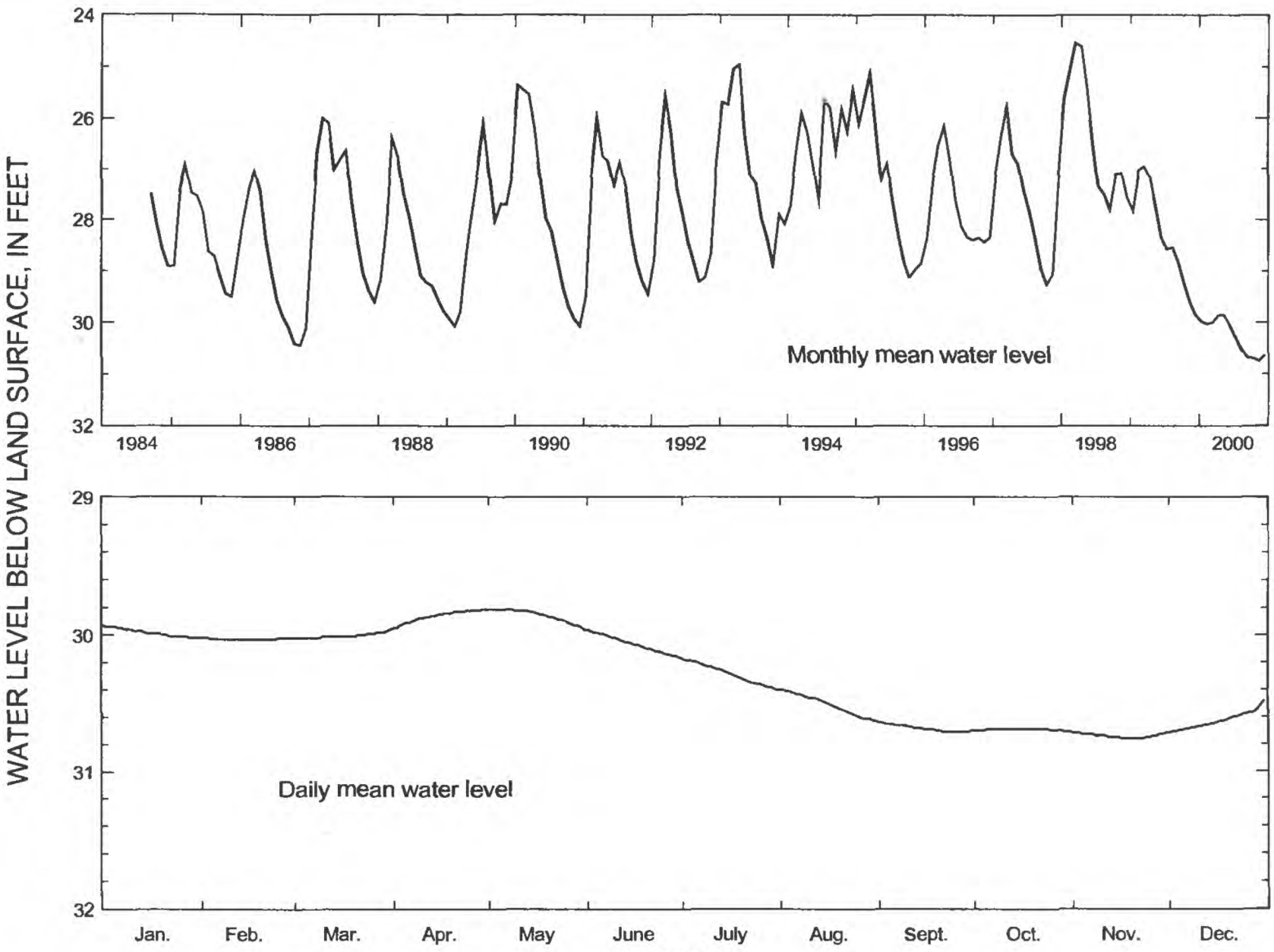


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	162.35	158.66	156.01	155.80	162.59	205.50	218.11	217.10	209.62	192.82	183.31	174.88
MEAN	164.84	160.30	157.63	158.59	187.17	218.42	225.24	231.50	223.86	200.08	187.90	178.54
LOW	167.65	162.19	162.92	168.18	209.90	230.04	233.26	242.37	239.95	208.86	192.44	182.93

SUMMARY FOR 2000 HIGH 155.80 (Apr. 16, 2000) MEAN 191.28 LOW 242.37 (Aug. 19, 2000)

IDENTIFICATION NUMBER. 09M009.

COUNTY.—Randolph
LOCATION.—Lat 31°39′52″, long 84°36′10″, Hydrologic Unit 03130009.
SITE NAME.—C.T. Martin, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Claiborne.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 94 ft, cased to 77 ft, screen from 77 to 94 ft.
DATUM.—Altitude of land-surface datum is 322 ft.
REMARKS.—None.
PERIOD OF RECORD.—September 1984 to current year. Continuous record since September 1984.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 24.25 ft below land-surface datum, March 23-28, 1998; lowest, 30.76 ft below land-surface datum, November 16-23, 2000.

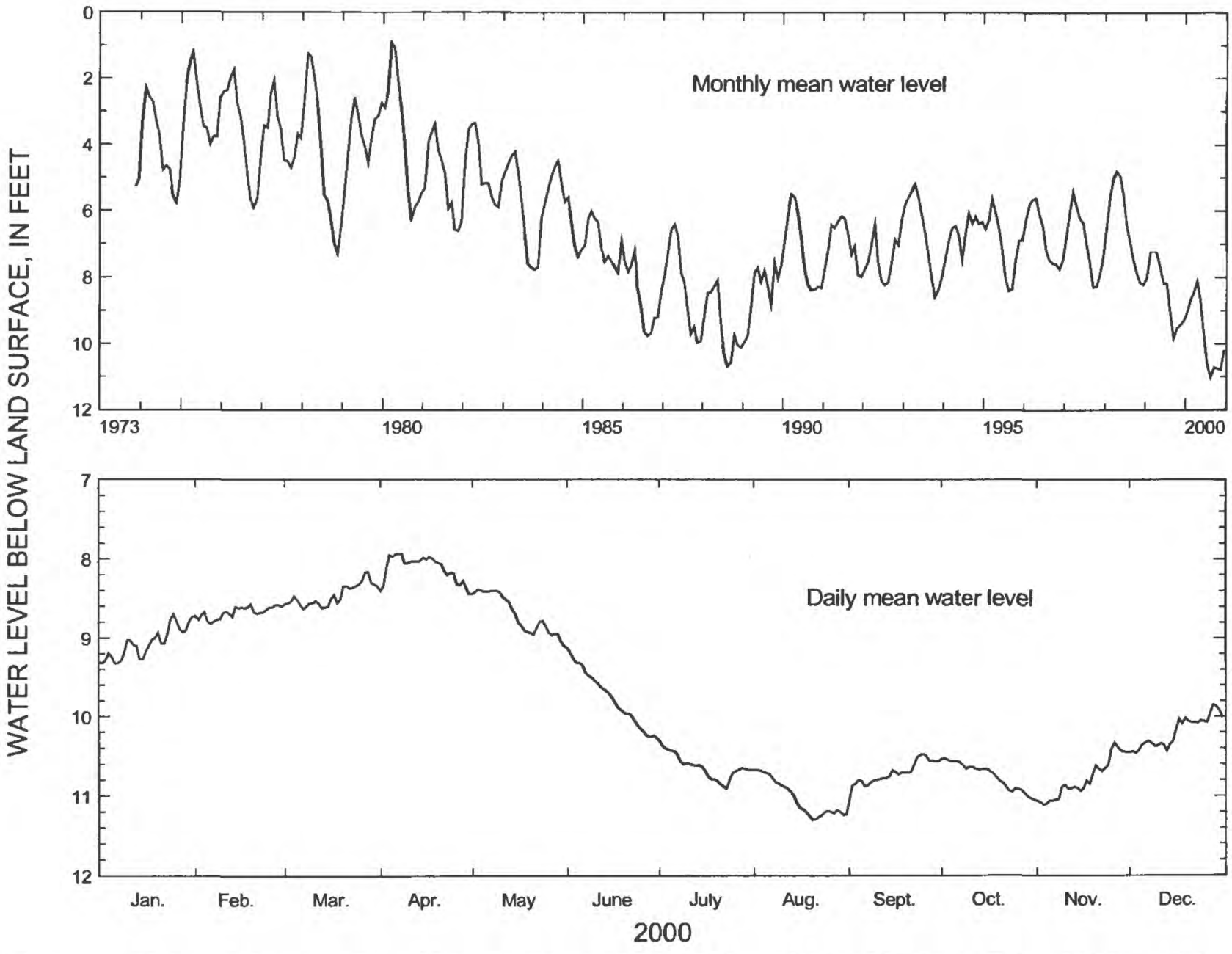


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	29.93	30.02	29.96	29.81	29.81	29.96	30.17	30.40	30.64	30.69	30.72	30.48
MEAN	29.98	30.03	30.00	29.86	29.86	30.06	30.28	30.51	30.68	30.69	30.74	30.63
LOW	30.02	30.03	30.02	29.95	29.96	30.16	30.40	30.63	30.71	30.71	30.76	30.72

SUMMARY FOR 2000 HIGH 29.81 (Apr. 29 to May 8, 2000) MEAN 30.28 LOW 30.76 (Nov. 16-23, 2000)

IDENTIFICATION NUMBER. 10DD02.

COUNTY.—Fulton
LOCATION.—Lat 33°42′07″, long 84°25′48″, Hydrologic Unit 03130002.
SITE NAME.—U.S. Army, Fort McPherson.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Crystalline rock (biotite gneiss).
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 12 in., depth 338 ft, cased to 41 ft, open hole.
DATUM.—Altitude of land-surface datum is 1,013 ft.
REMARKS.—None.
PERIOD OF RECORD.—November 1973 to current year. Continuous record since November 1973.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 0.10 ft below land-surface datum, March 30, 1980; lowest, 11.30 ft below land-surface datum, August 20, 2000.

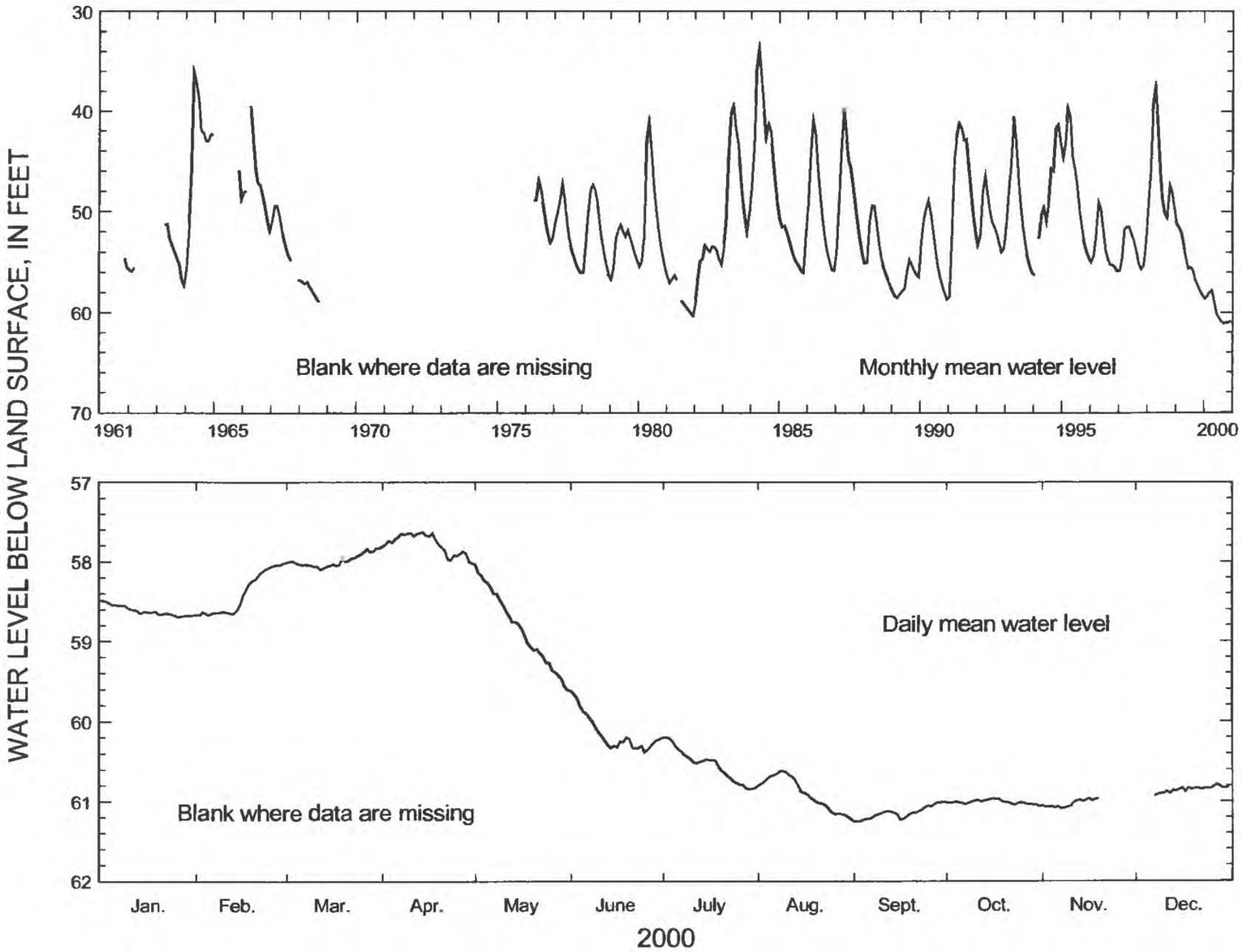


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	8.70	8.57	8.16	7.93	8.38	9.12	10.30	10.67	10.47	10.53	10.33	9.85
MEAN	9.07	8.67	8.46	8.11	8.69	9.75	10.63	11.03	10.72	10.75	10.79	10.19
LOW	9.32	8.82	8.63	8.44	9.10	10.26	10.91	11.30	11.05	11.05	11.11	10.46

SUMMARY FOR 2000 HIGH 7.93 (Apr. 7-8, 2000) MEAN 9.74 LOW 11.30 (Aug. 20, 2000)

IDENTIFICATION NUMBER. 10G313.

COUNTY.—Mitchell
LOCATION.—Lat 31°05′07″, long 84°26′22″, Hydrologic Unit 03130008.
SITE NAME.—Harvey Meinders.
INSTRUMENTATION.—Electronic data recorder with GOES Satellite transmitter.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Cable-tool observation well, diameter 12 in., depth 250 ft, cased to 87 ft, open hole.
DATUM.—Altitude of land-surface datum is 145 ft.
REMARKS.—Water-level data for period, November 20 to December 6, 2000, are missing.
PERIOD OF RECORD.—November 1961 to September 1968, April 1976 to current year. Continuous record November 1961 to September 1968, and since April 1976.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 32.98 ft below land-surface datum, April 9, 1984;

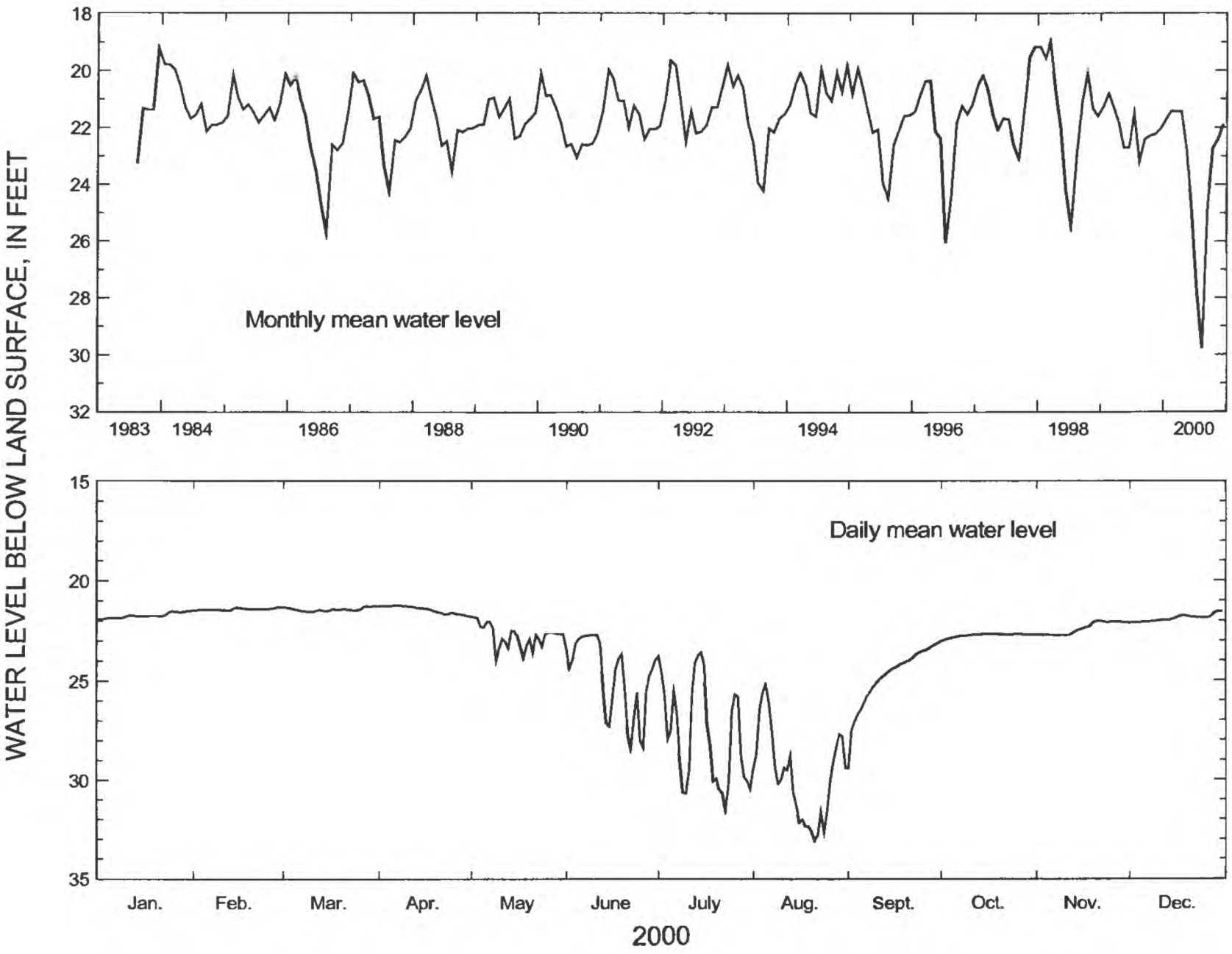


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	58.49	58.02	57.83	57.63	58.03	59.62	60.20	60.62	61.00	60.96	------	60.79
MEAN	58.61	58.41	57.99	57.78	58.85	60.14	60.54	60.90	61.14	61.01	------	60.85
LOW	58.70	58.67	58.10	58.02	59.61	60.38	60.85	61.22	61.25	61.06	------	60.93

SUMMARY FOR 2000 HIGH 57.63 (Apr. 14, 2000) MEAN 59.72 LOW 61.25 (Sept. 1-3, 2000)

IDENTIFICATION NUMBER. 10K005.

COUNTY.—Calhoun
LOCATION.—Lat 31°28′52″, long 84°59′11″, Hydrologic Unit 03130009.
SITE NAME.—Bill Jordan, Ocala well.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 138.5 ft, cased to 55 ft, open hole.
DATUM.—Altitude of land-surface datum is 192 ft.
REMARKS.—None.
PERIOD OF RECORD.—August 1983 to current year. Continuous record since August 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 16.75 ft below land-surface datum, December 10, 1983; lowest, 33.07 ft below land-surface datum, August 21, 2000.

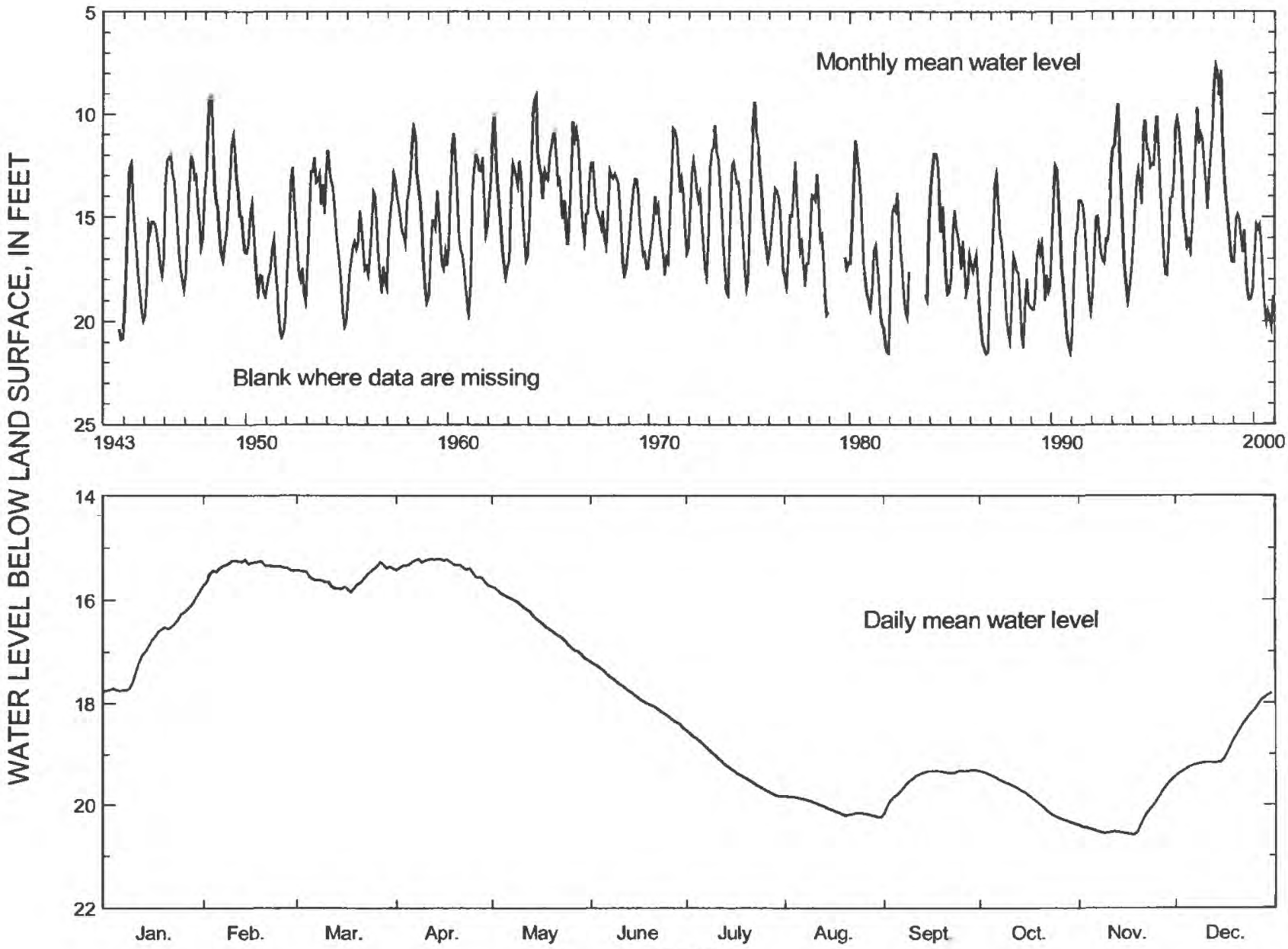


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	21.49	21.32	21.27	21.24	21.78	22.70	23.56	25.14	23.10	22.67	22.02	21.53
MEAN	21.73	21.42	21.43	21.44	22.74	24.78	27.67	29.78	24.80	22.74	22.40	21.90
LOW	21.91	21.48	21.54	21.76	24.02	28.39	31.52	33.07	29.41	23.02	22.75	22.11

SUMMARY FOR 2000 HIGH 21.24 (Apr. 6-8, 2000) MEAN 23.58 LOW 33.07 (Aug. 21, 2000)

IDENTIFICATION NUMBER. 11AA01.

COUNTY.—Spalding
LOCATION.—Lat 33°15′54″, long 84°16′56″, Hydrologic Unit 03070103.
SITE NAME.—University of Georgia, Experiment Station.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Surficial (residuum).
WELL CHARACTERISTICS.—Dug unused supply well, size 4 x 4 ft, depth 30 ft, cased to 30 ft, open end.
DATUM.—Altitude of land-surface datum is 950 ft.
REMARKS.—None.
PERIOD OF RECORD.—October 1943 to current year. Continuous record since October 1943.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 5.09 ft below land-surface datum, March 9, 1998; lowest, 21.82 ft below land-surface datum, November 18-19, 1986.

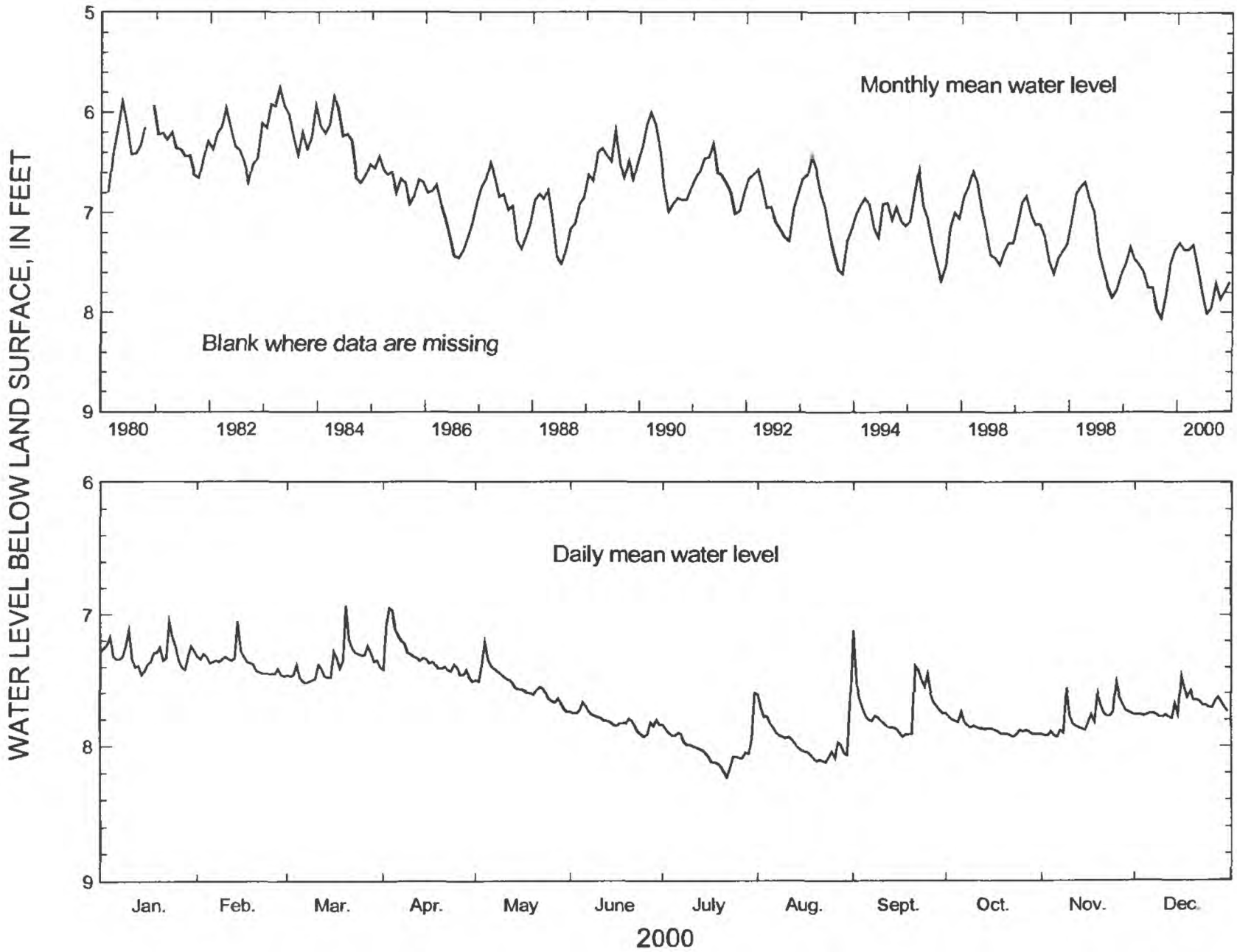


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	15.81	15.22	15.27	15.21	15.74	17.19	18.53	19.84	19.32	19.33	19.49	17.81
MEAN	16.91	15.35	15.57	15.35	16.41	17.84	19.27	20.06	19.49	19.84	20.30	18.78
LOW	17.76	15.71	15.84	15.72	17.15	18.48	19.83	20.25	20.17	20.38	20.59	19.43

SUMMARY FOR 2000 HIGH 15.21 (Apr. 8, 12, 14-15, 2000) MEAN 17.94 LOW 20.59 (Nov. 18, 2000)

IDENTIFICATION NUMBER. 11FF04.

COUNTY.—DeKalb
LOCATION.—Lat 33°55′17″, long 84°16′40″, Hydrologic Unit 03130001.
SITE NAME.—U.S. Geological Survey, test well 5.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Crystalline rock.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 620 ft, cased to 36 ft, open hole.
DATUM.—Altitude of land-surface datum is 950 ft.
REMARKS.—None.
PERIOD OF RECORD.—February 1980 to current year. Continuous record since February 1980.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 4.98 ft below land-surface datum, March 17, 1990; lowest, 8.23 ft below land-surface datum, July 22, 2000.

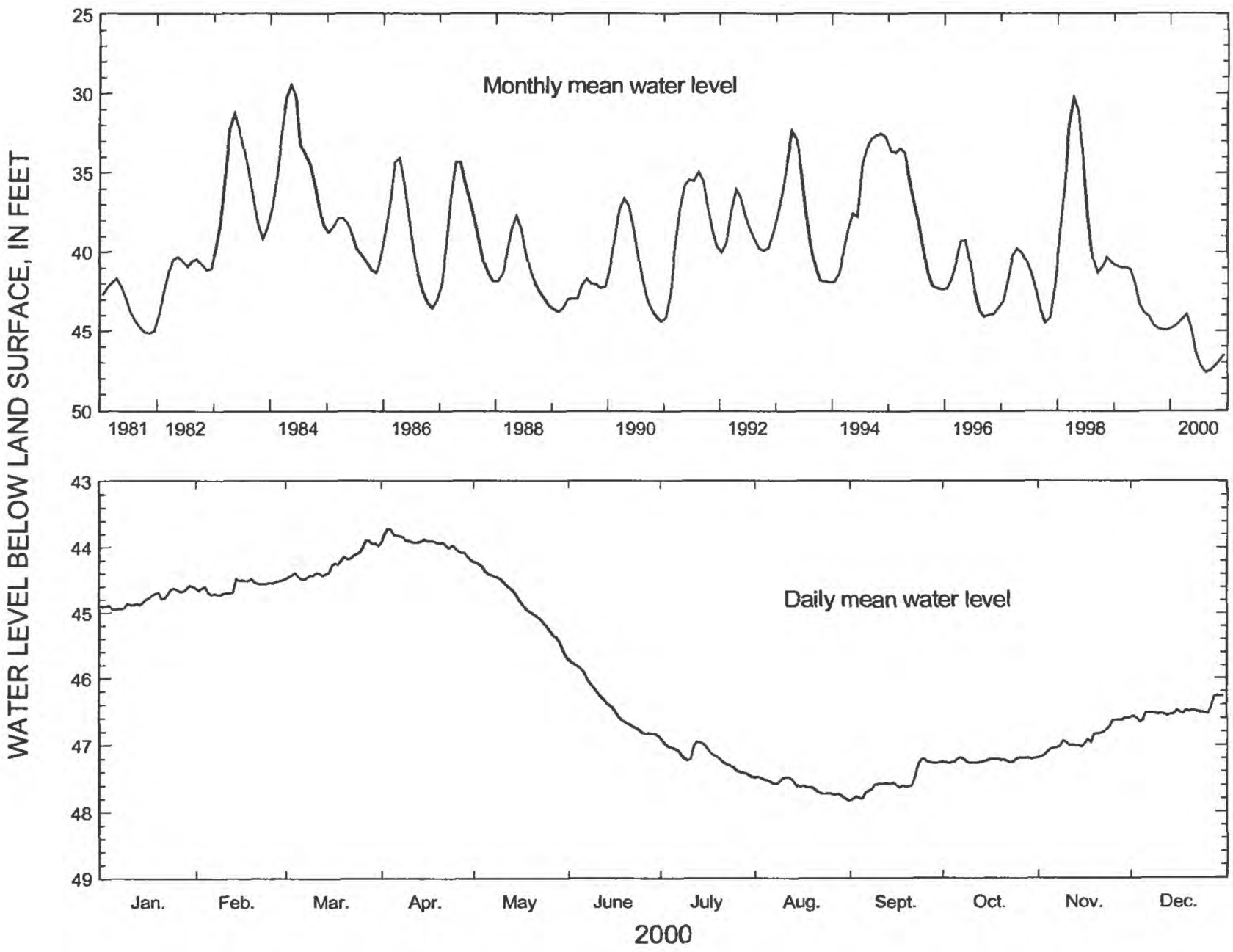


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	7.05	7.05	6.93	6.95	7.21	7.67	7.60	7.61	7.12	7.74	7.51	7.47
MEAN	7.30	7.37	7.37	7.32	7.54	7.81	8.02	7.96	7.71	7.87	7.79	7.70
LOW	7.46	7.47	7.52	7.51	7.74	7.93	8.23	8.12	7.93	7.93	7.93	7.79

SUMMARY FOR 2000 HIGH 6.93 (Mar. 20, 2000) MEAN 7.65 LOW 8.23 (July 22, 2000)

IDENTIFICATION NUMBER. 11J011.

COUNTY.—Mitchell
LOCATION.—Lat 31°18′02″, long 84°19′23″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well DP-10.
INSTRUMENTATION.—Electronic data recorder with GOES Satellite transmitter.
AQUIFER.—Claiborne.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 417 ft, cased to 397 ft, open hole.
DATUM.—Altitude of land-surface datum is 165 ft.
REMARKS.—None.
PERIOD OF RECORD.—January 1981 to current year. Continuous record since January 1981.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 29.13 ft below land-surface datum, May 8, 1984; lowest, 47.83 ft below land-surface datum, September 1, 2000.

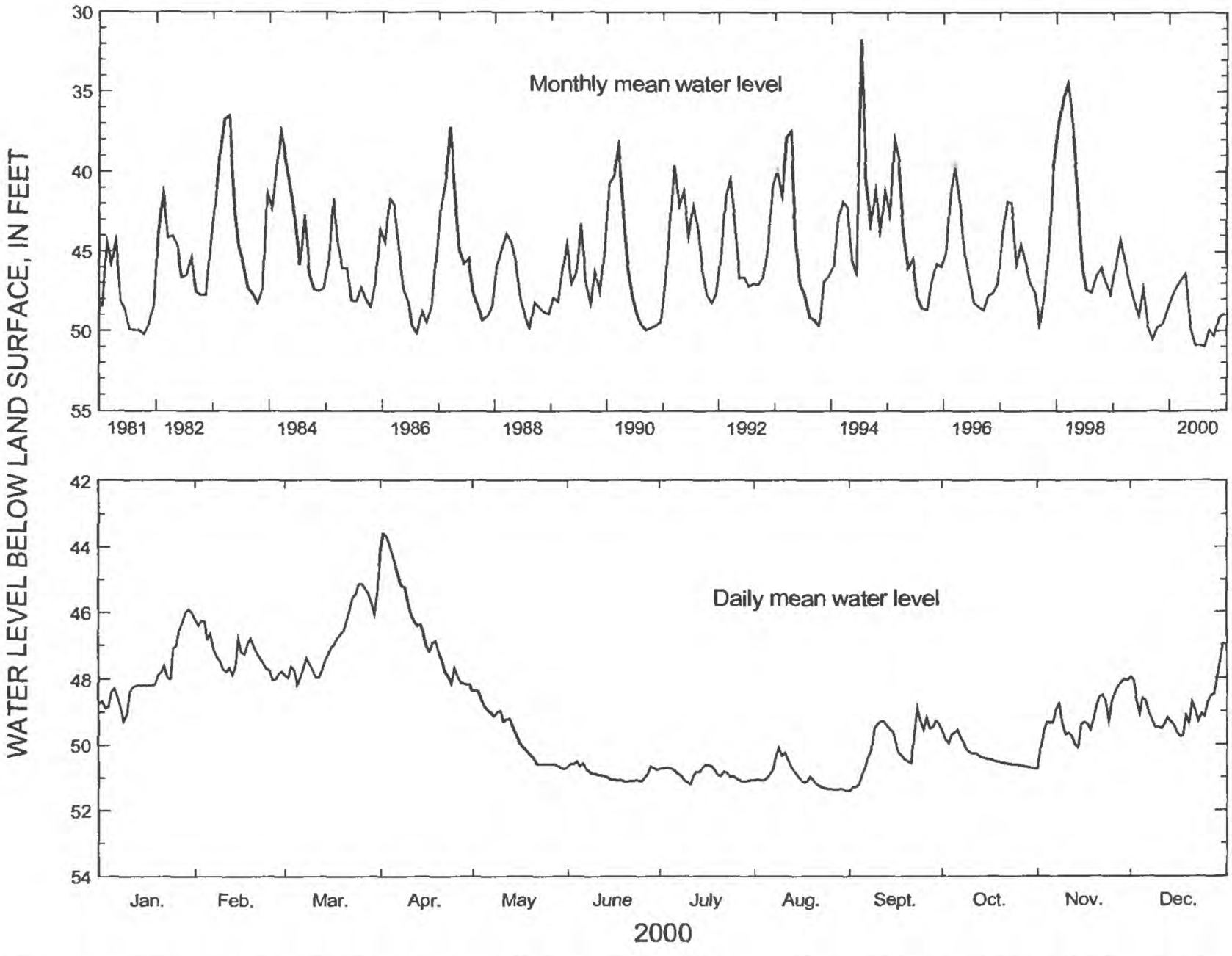


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	44.58	44.48	43.90	43.72	44.22	45.71	46.89	47.47	47.21	47.19	46.60	46.26
MEAN	44.79	44.59	44.26	43.93	44.82	46.39	47.17	47.62	47.54	47.23	46.90	46.50
LOW	44.95	44.72	44.49	44.19	45.64	46.85	47.47	47.81	47.83	47.27	47.19	46.66

SUMMARY FOR 2000 HIGH 43.72 (Apr. 3, 2000) MEAN 45.98 LOW 47.83 (Sept. 1, 2000)

IDENTIFICATION NUMBER. 11J012.

COUNTY.—Mitchell
LOCATION.—Lat 31°18′02″, long 84°19′23″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well DP-11.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 225 ft, cased to 62 ft, open hole.
DATUM.—Altitude of land-surface datum is 165 ft.
REMARKS.—None.
PERIOD OF RECORD.—January 1981 to current year. Continuous record since January 1981.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 12.01 ft below land-surface datum, July 14, 1994; lowest, 51.41 ft below land-surface datum, August 31, 2000.

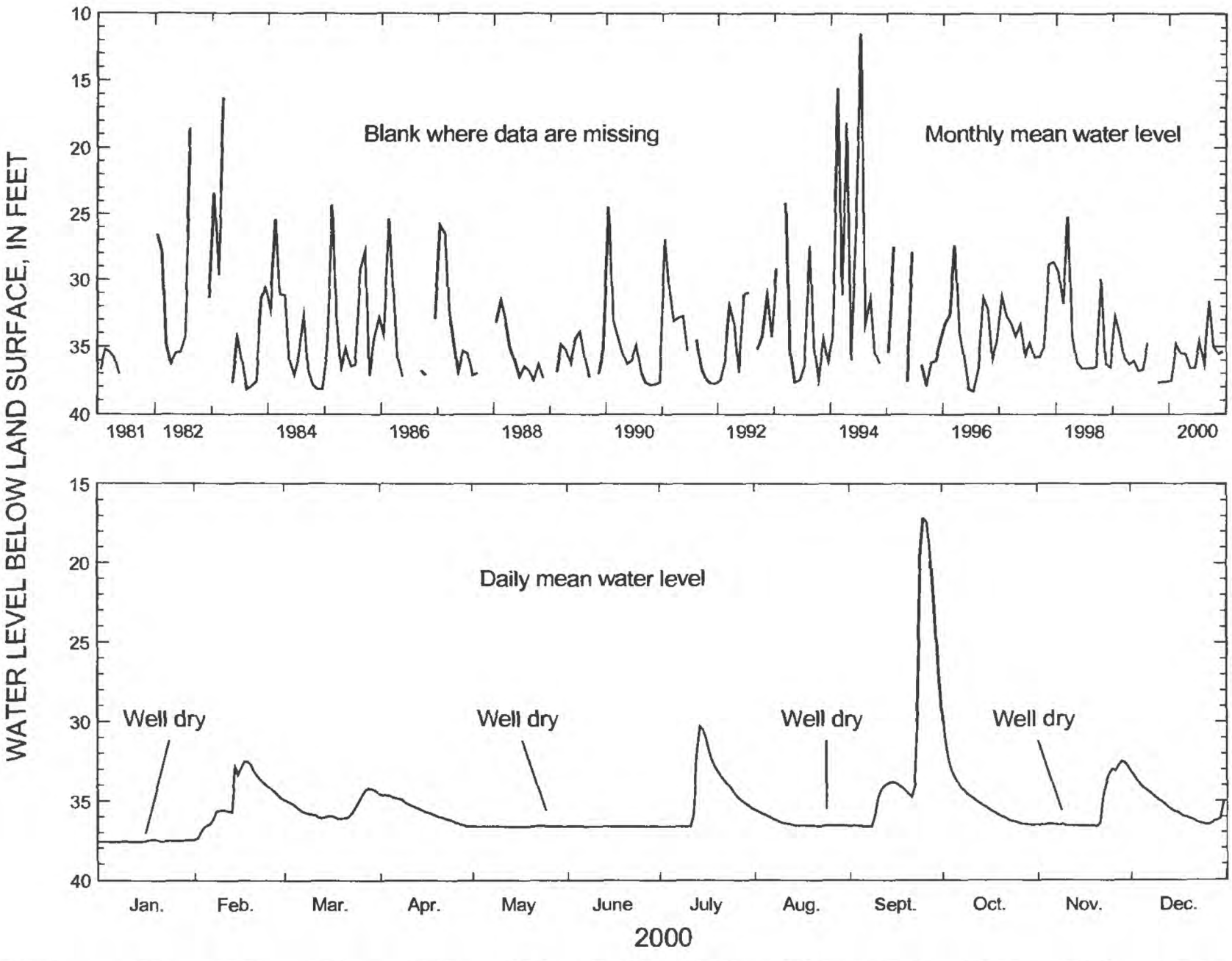


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	45.90	46.22	45.13	43.58	48.36	50.51	50.62	50.10	48.88	49.55	48.03	46.95
MEAN	47.92	47.26	46.82	46.39	49.73	50.89	50.89	51.00	49.99	50.31	49.17	48.91
LOW	49.25	48.04	48.18	48.18	50.75	51.13	51.19	51.41	51.40	50.73	50.73	49.76

SUMMARY FOR 2000 HIGH 43.58 (Apr. 2, 2000) MEAN 49.12 LOW 51.41 (Aug. 31, 2000)

IDENTIFICATION NUMBER. 11J013.

COUNTY.—Mitchell
LOCATION.—Lat 31°18′02″, long 84°19′23″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well DP-12.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Surficial (sediments of Eocene age).
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 38 ft, cased to 21 ft, screen from 21 to 38 ft.
DATUM.—Altitude of land-surface datum is 165 ft.
REMARKS.—Well can go dry during periods of decreased rainfall.
PERIOD OF RECORD.—January 1981 to current year. Continuous record since January 1981.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 9.40 ft below land-surface datum, March 9, 1998; lowest, well goes dry.

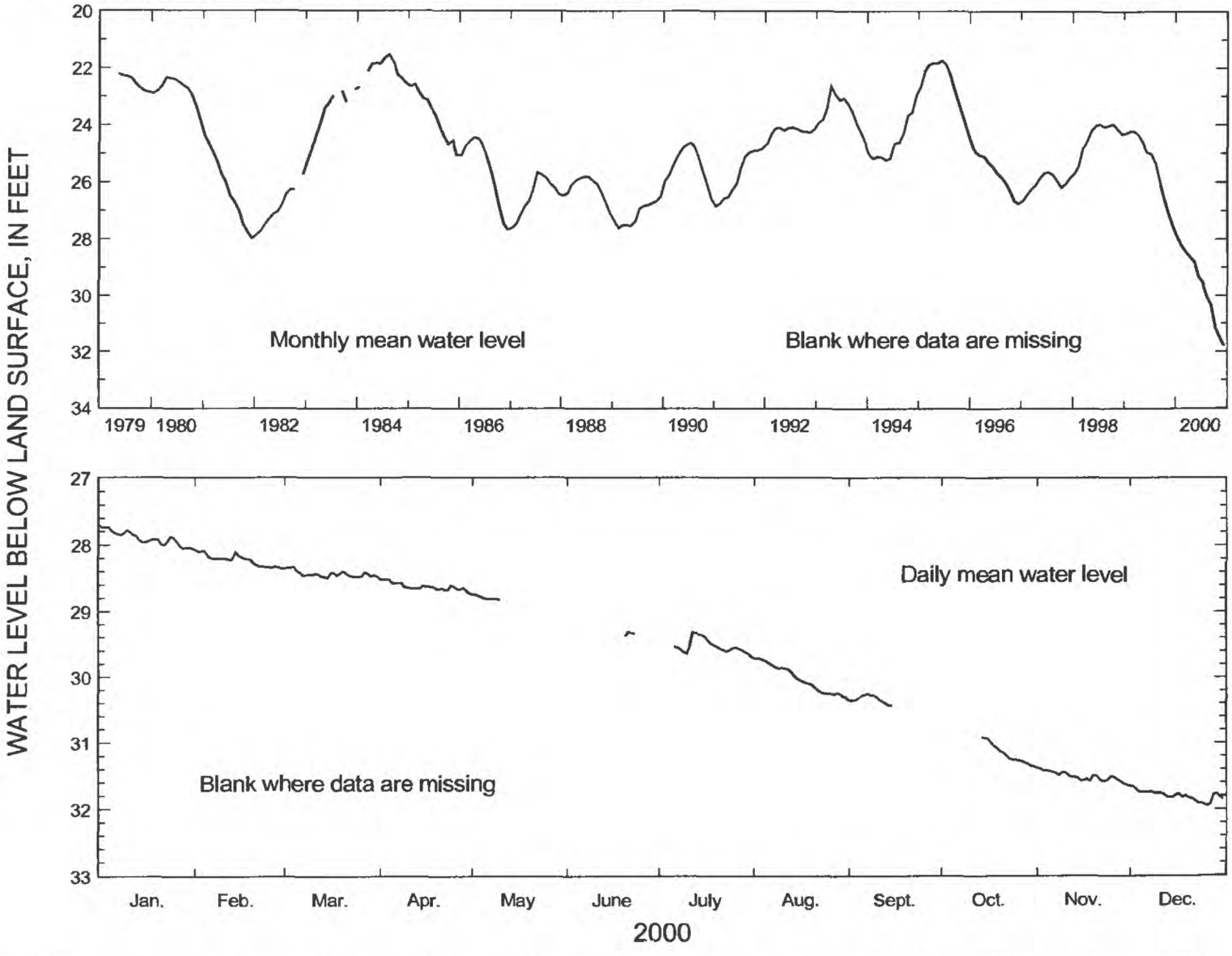


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	37.47	32.49	34.20	34.56	36.57	36.60	30.30	35.58	17.13	29.55	32.49	33.13
MEAN	37.55	34.77	35.45	35.60	36.61	36.61	34.60	36.37	31.60	35.02	35.52	35.36
LOW	37.60	37.46	36.10	36.61	36.62	36.62	36.62	36.60	36.62	36.51	36.61	36.51

SUMMARY FOR 2000 HIGH 17.13 (Sept. 25, 2000) MEAN ------ LOW 37.60 (Well dry)

IDENTIFICATION NUMBER. 11K002.

COUNTY.—Dougherty
LOCATION.—Lat 31°26′54″, long 84°21′01″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 11.
INSTRUMENTATION.—*Electronic data recorder.*
AQUIFER.—Claiborne.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 320 ft, cased to 300 ft, screen from 300 to 320 ft.
DATUM.—Altitude of land-surface datum is 183.5 ft.
REMARKS.—Water-level data for periods, May 11 to June 19, June 24 to July 5, and September 16 to October 13, 2000, are missing.
PERIOD OF RECORD.—May 1979 to current year. Continuous record since May 1979.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 21.57 ft below land-surface datum, June 6, 1995; lowest, 31.95 ft below land-surface datum, December 26, 2000.

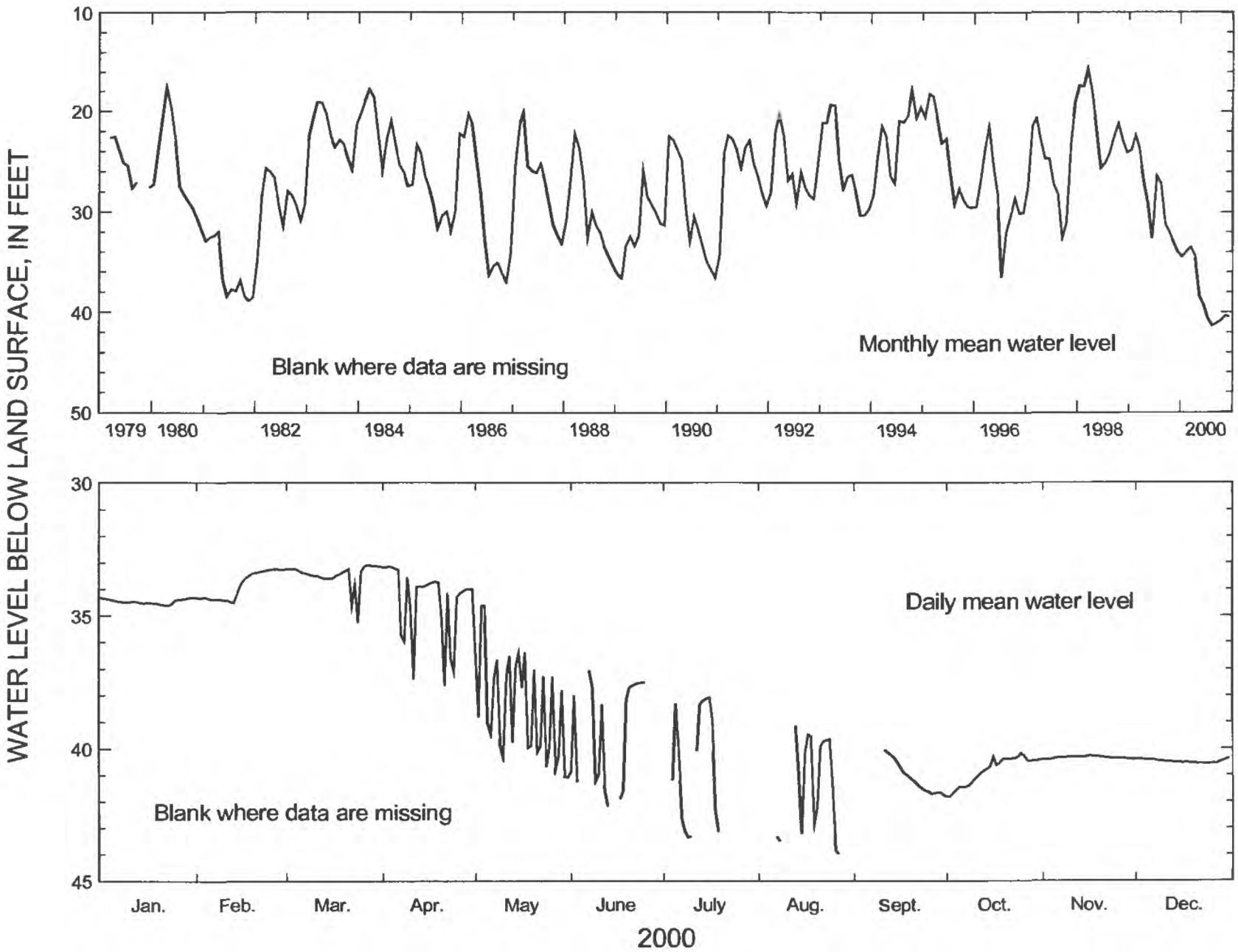


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	27.71	28.07	28.33	28.51	------	------	29.32	29.71	------	------	31.38	31.65
MEAN	27.90	28.22	28.43	28.62	------	------	29.53	30.02	------	------	31.51	31.80
LOW	28.05	28.35	28.49	28.72	------	------	29.68	30.31	------	------	31.64	31.95

SUMMARY FOR 2000 HIGH 27.71 (Jan. 1, 2000) MEAN ------ LOW 31.95 (Dec. 26, 2000)

IDENTIFICATION NUMBER. 11K003.

COUNTY.—Dougherty
LOCATION.—Lat 31°29′12″, long 84°15′34″, Hydrologic Unit 03130008.
SITE NAME.—Nilo test well, north.
INSTRUMENTATION.—Electronic data recorder with GOES Satellite transmitter.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 150 ft, cased to 63 ft, open hole.
DATUM.—Altitude of land-surface datum is 195 ft.
REMARKS.—Water-level data for periods, June 4-6, June 14-16, June 26 to July 3, July 11, July 20 to August 6, August 9-12, and August 28 to September 10, 2000, are missing.
PERIOD OF RECORD.—March 1979 to current year. Continuous record since March 1979.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 13.61 ft below land-surface datum, March 10, 1998;

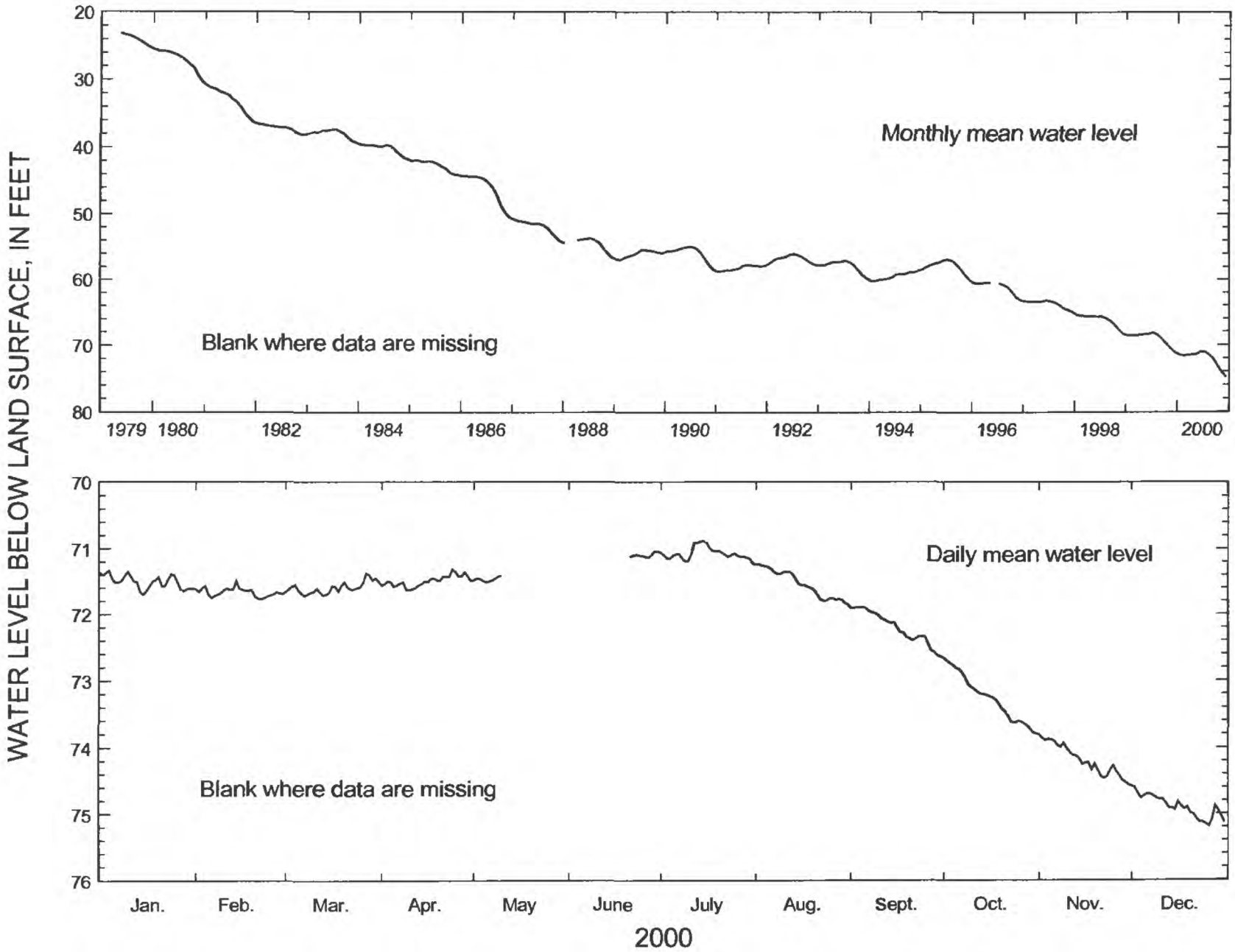


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	34.33	33.25	33.08	33.14	34.62	------	------	------	------	40.17	40.28	40.37
MEAN	34.46	33.87	33.47	34.40	38.42	------	------	------	------	40.83	40.35	40.49
LOW	34.61	34.52	35.26	37.64	41.08	------	------	------	------	41.82	40.41	40.58

SUMMARY FOR 2000 HIGH 33.08 (Mar. 27, 2000) MEAN ------ LOW 43.99 (Aug. 27, 2000)

IDENTIFICATION NUMBER. 11K005.

COUNTY.—Dougherty
LOCATION.—Lat 31°26′54″, long 84°21′01″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 12.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Clayton.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 690 ft, cased to 630 ft, open hole.
DATUM.—Altitude of land-surface datum is 183 ft.
REMARKS.—Water-level data for period, May 11 to June 20, 2000, are missing.
PERIOD OF RECORD.—May 1979 to current year. Continuous record since May 1979.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 23.03 ft below land-surface datum, May 24, 1979; lowest, 75.19 ft below land-surface datum, December 26, 2000.

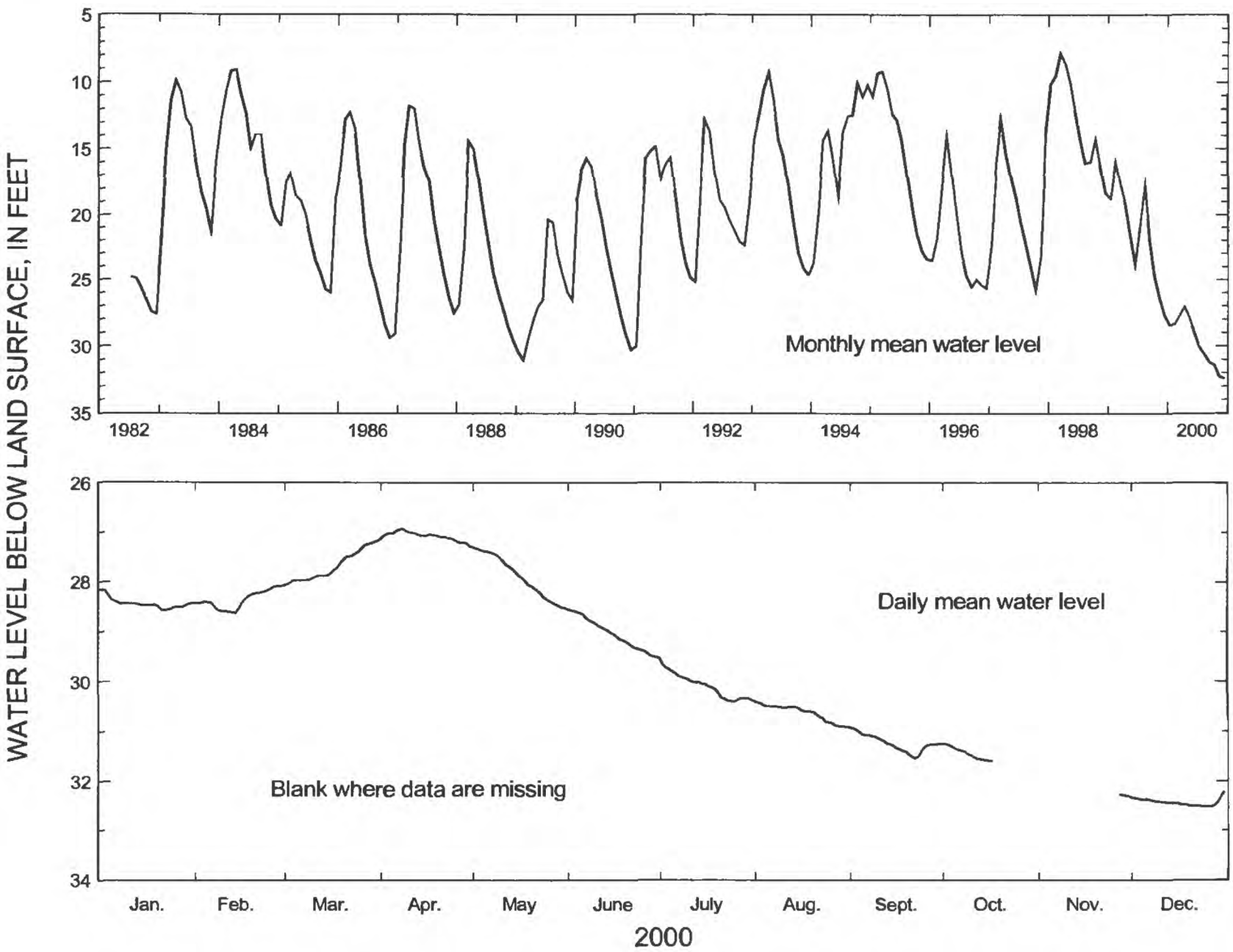


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	71.33	71.49	71.37	71.31	------	------	70.88	71.23	71.89	72.65	73.80	74.58
MEAN	71.51	71.67	71.59	71.49	------	------	71.07	71.54	72.19	73.25	74.18	74.89
LOW	71.70	71.77	71.72	71.63	------	------	71.21	71.85	72.63	73.79	74.56	75.19

SUMMARY FOR 2000 HIGH 70.88 (July 15, 2000) MEAN ------ LOW 75.19 (Dec. 26, 2000)

IDENTIFICATION NUMBER. 11K015.

COUNTY.—Dougherty
LOCATION.—Lat 31°27′09″, long 84°16′17″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 14.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 117 ft, cased to 74 ft, open hole.
DATUM.—Altitude of land-surface datum is 175 ft.
REMARKS.—Water-level data for period, October 18 to November 26, 2000, are missing.
PERIOD OF RECORD.—July 1982 to current year. Continuous record since July 1982.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 6.84 ft below land-surface datum, March 9-11, 1998; lowest, 32.51 ft below land-surface datum, December 24-27, 2000.

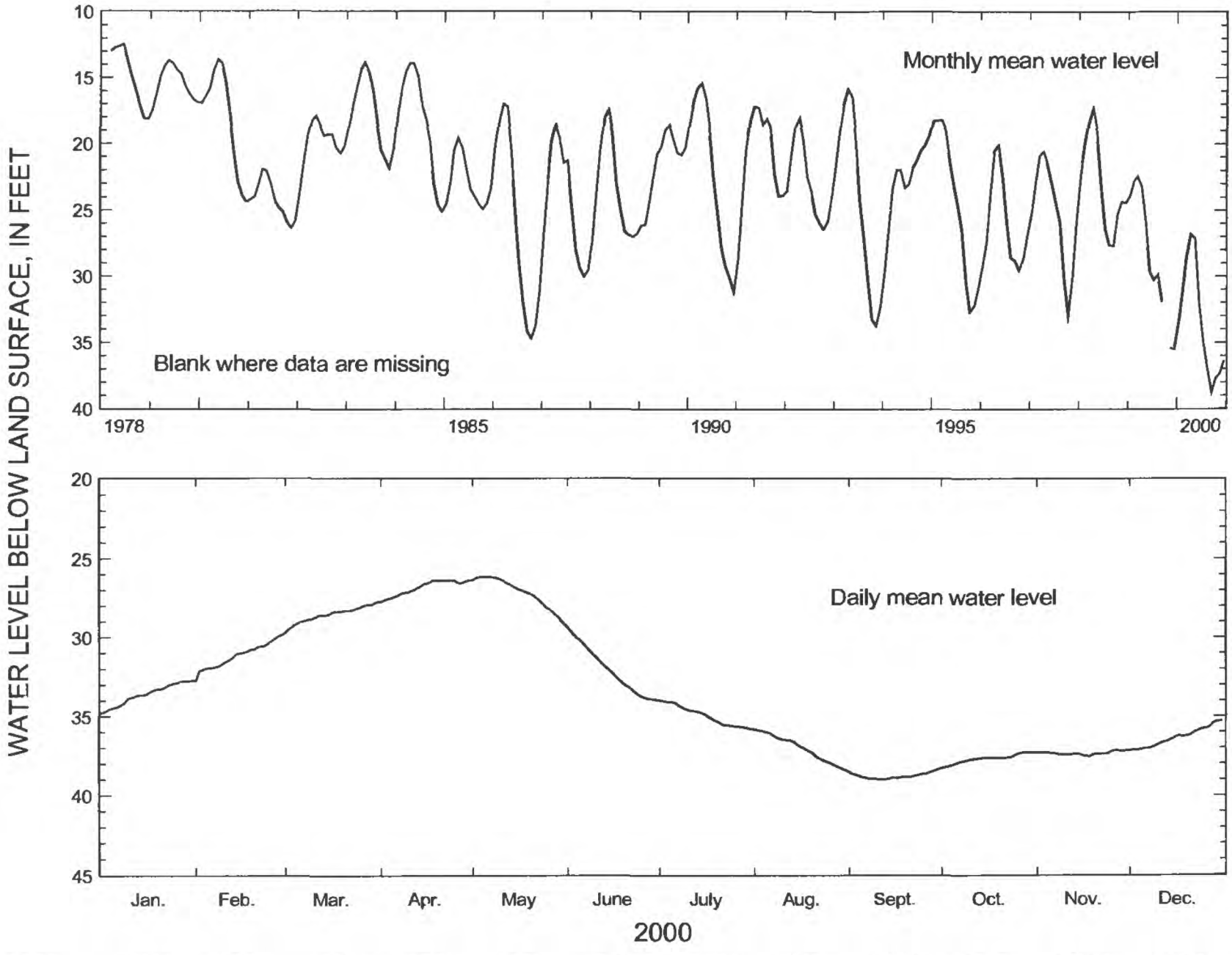


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	28.15	28.08	27.17	26.92	27.30	28.55	29.53	30.40	30.92	------	------	32.21
MEAN	28.43	28.36	27.68	27.07	27.88	29.03	30.08	30.62	31.23	------	------	32.43
LOW	28.57	28.62	28.06	27.28	28.52	29.51	30.40	30.91	31.53	------	------	32.51

SUMMARY FOR 2000 HIGH 26.92 (Apr. 8, 2000) MEAN ------ LOW 32.51 (Dec. 24-27, 2000)

IDENTIFICATION NUMBER. 11L001.

COUNTY.—Dougherty
LOCATION.—Lat 31°35′30″, long 84°20′34″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 4.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Claiborne.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 251 ft, cased to 233 ft, screen from 233 to 251 ft.
DATUM.—Altitude of land-surface datum is 220 ft.
REMARKS.—None.
PERIOD OF RECORD.—March 1978 to current year. Continuous record since March 1978.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 12.11 ft below land-surface datum, June 5-6, 1978; lowest, 38.98 ft below land-surface datum, September 11-12, 2000.

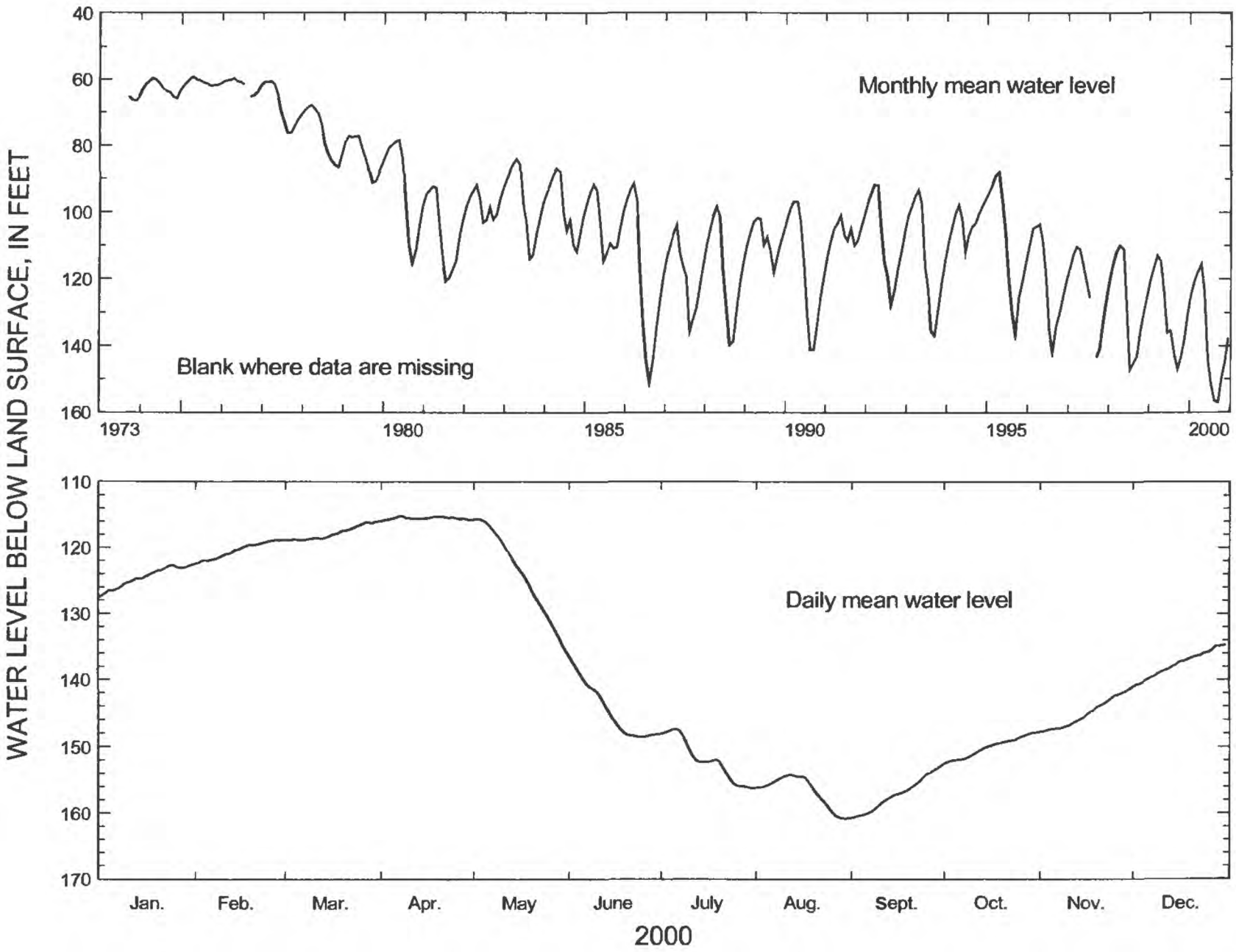


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	32.72	29.82	27.73	26.37	26.14	29.33	33.98	35.82	38.34	37.30	37.17	35.30
MEAN	33.60	31.14	28.54	26.82	27.13	32.06	34.94	37.00	38.78	37.71	37.36	36.36
LOW	34.78	32.72	29.69	27.72	29.15	33.94	35.80	38.42	38.98	38.28	37.56	37.17

SUMMARY FOR 2000 HIGH 26.14 (May 5-6, 2000) MEAN 33.46 LOW 38.98 (Sept. 11-12, 2000)

IDENTIFICATION NUMBER. 11L002.

COUNTY.—Dougherty
LOCATION.—Lat 31°35′32″, long 84°20′35″, Hydrologic Unit 03130008.
SITE NAME.—Georgia Geologic Survey, Albany Nursery.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Clayton.
WELL CHARACTERISTICS.—Drilled observation well, diameter 3 in., depth 656 ft, cased to 542 ft, open hole.
DATUM.—Altitude of land-surface datum is 222 ft.
REMARKS.—None.
PERIOD OF RECORD.—September 1973 to current year. Continuous record since September 1973.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 58.90 ft below land-surface datum, April 29, 1975; lowest,160.82 ft below land-surface datum, August 30, 2000.

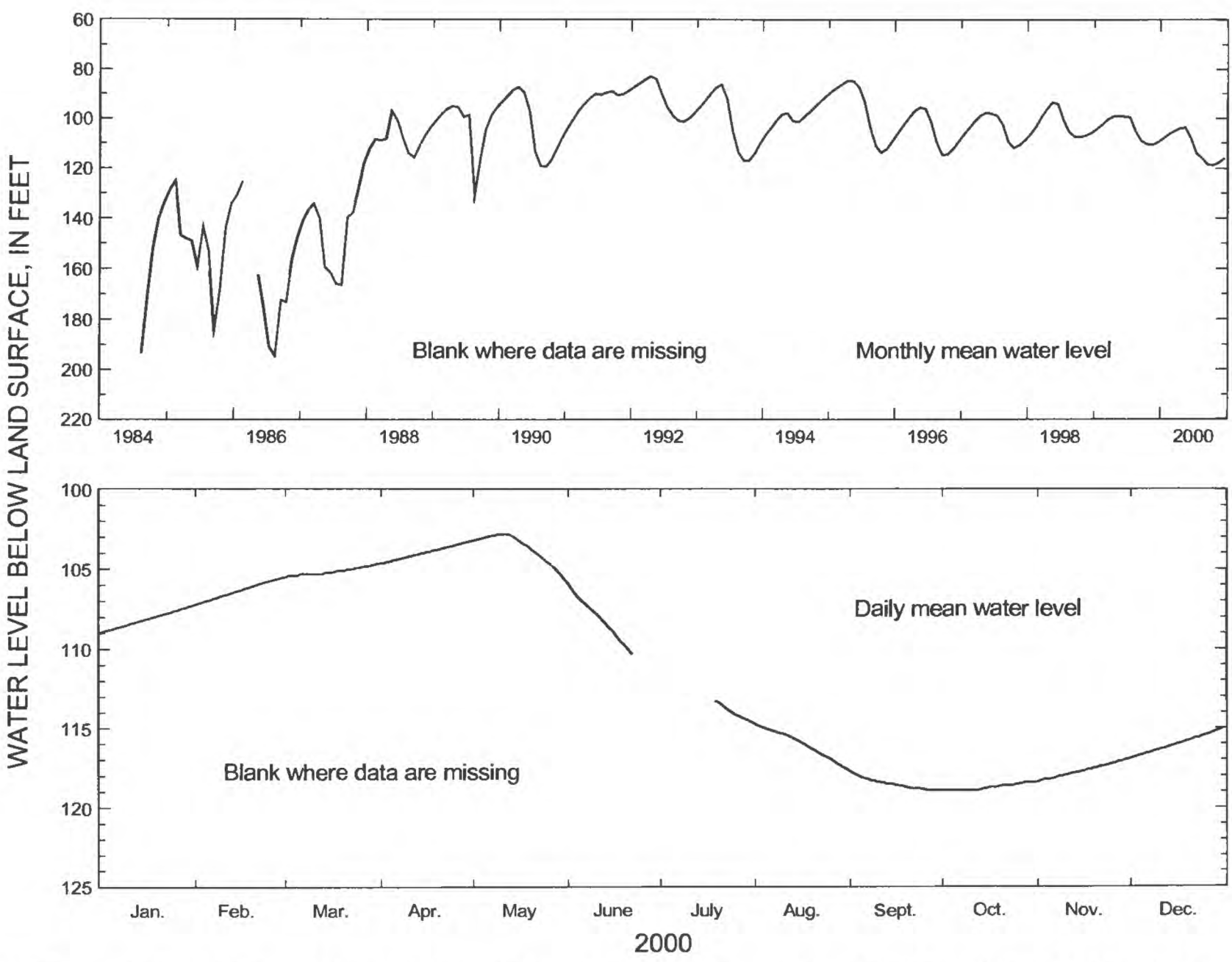


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	122.58	118.87	116.01	115.20	115.64	136.30	147.37	154.18	152.82	147.85	141.39	134.68
MEAN	124.54	120.44	117.76	115.51	123.96	144.51	151.90	156.69	157.15	150.11	145.05	137.65
LOW	127.55	122.45	118.85	115.97	135.53	148.58	156.18	160.82	160.71	152.52	147.77	141.07

SUMMARY FOR 2000 HIGH 115.20 (Apr. 7, 2000) MEAN 137.16 LOW 160.82 (Aug. 30, 2000)

IDENTIFICATION NUMBER. 11P014.

COUNTY.—Lee
LOCATION.—Lat 31°53′51″, long 84°19′24″, Hydrologic Unit 03130007.
SITE NAME.—Pete Long, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Clayton.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 384 ft, cased to 332 ft, open hole.
DATUM.—Altitude of land-surface datum is 338 ft.
REMARKS.—Water-level data for period, June 23 to July 18, 2000, are missing.
PERIOD OF RECORD.—August 1984 to current year. Continuous record since August 1984.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 82.38 ft below land-surface datum, May 2-3, 1992; lowest, 212.89 ft below land-surface datum, August 9, 1986.

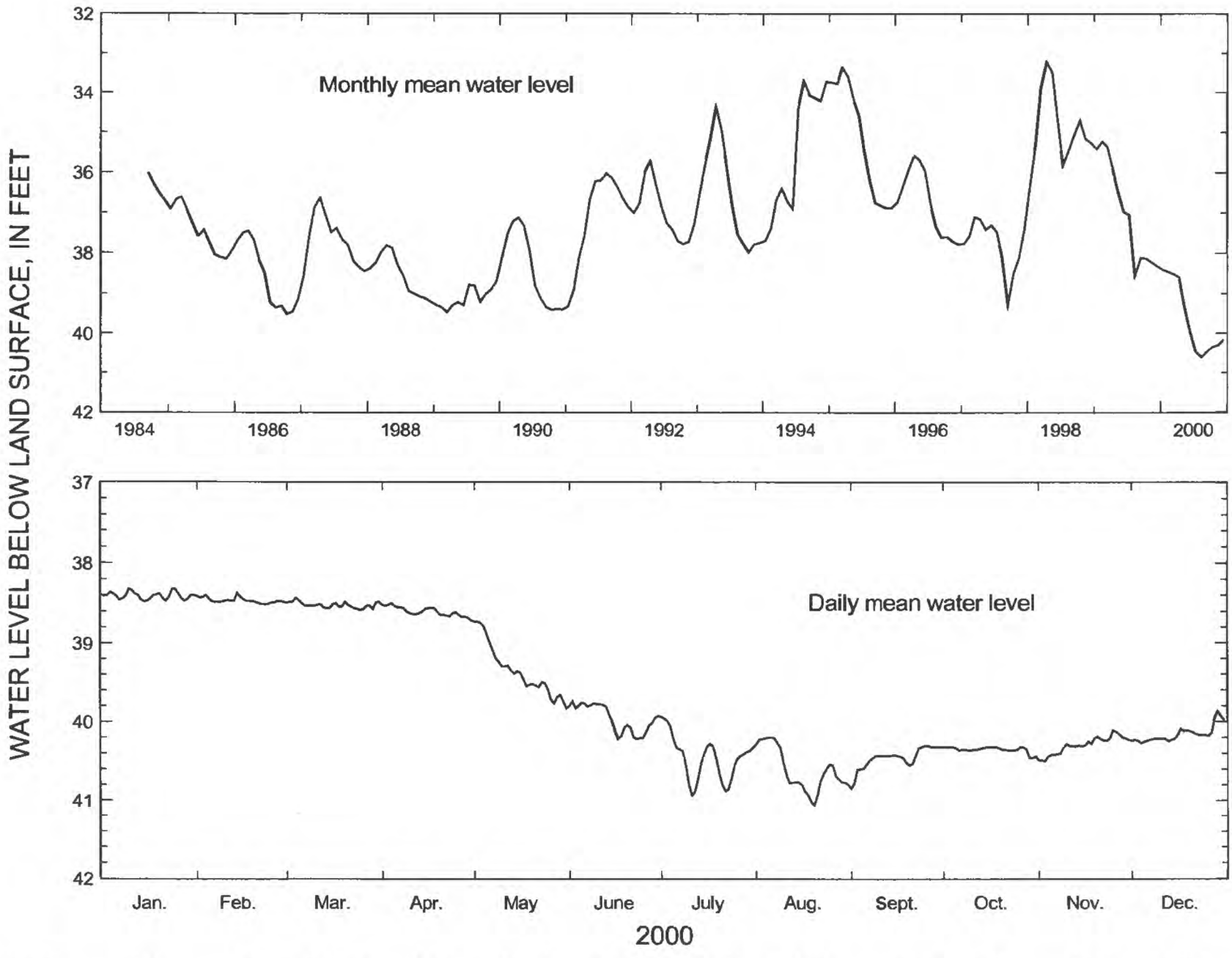


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	107.27	105.53	104.64	103.25	102.80	------	------	114.71	117.68	118.40	116.97	115.00
MEAN	108.13	106.35	105.13	103.95	103.66	------	------	116.00	118.50	118.72	117.68	116.00
LOW	108.96	107.20	105.50	104.60	105.66	------	------	117.57	118.90	118.90	118.39	116.90

SUMMARY FOR 2000 HIGH 102.80 (May 9-12, 2000) MEAN ------ LOW 118.90 (Sept. 26 to Oct. 13, 2000)

IDENTIFICATION NUMBER. 11P015.

COUNTY.—Lee
LOCATION.—Lat 31°53′50″, long 84°19′21″, Hydrologic Unit 03130007.
SITE NAME.—Pete Long, test well 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Claiborne.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 151 ft, cased to 111 ft, open hole.
DATUM.—Altitude of land-surface datum is 338 ft.
REMARKS.—None.
PERIOD OF RECORD.—September 1984 to current year. Continuous record since September 1984.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 32.98 ft below land-surface datum, May 8, 1998; lowest, 41.06 ft below land-surface datum, August 20, 2000.

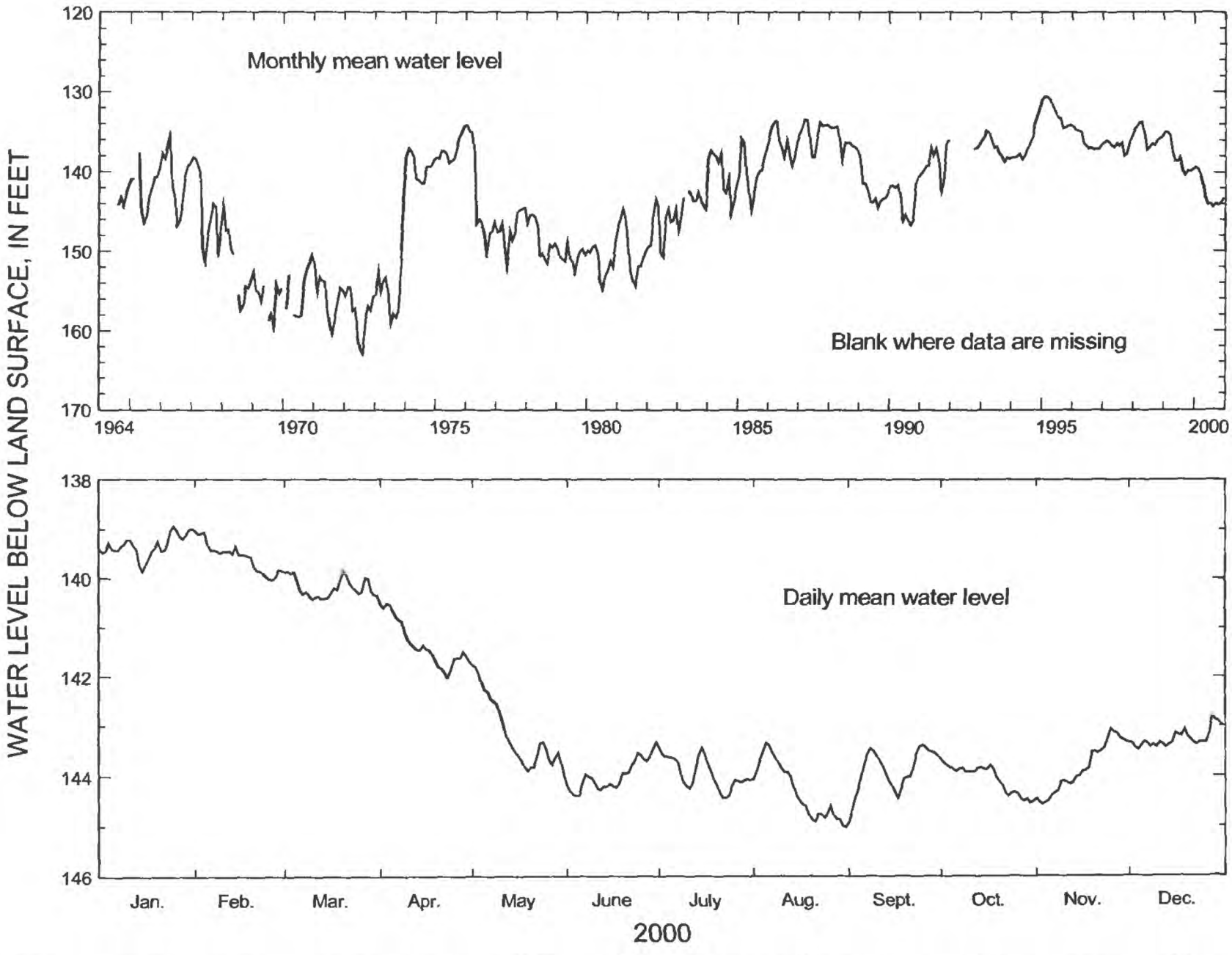


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	38.32	38.37	38.43	38.50	38.73	39.74	39.94	40.20	40.30	40.32	40.11	39.87
MEAN	38.41	38.46	38.52	38.60	39.35	39.96	40.46	40.61	40.46	40.35	40.30	40.16
LOW	38.48	38.51	38.58	38.71	39.83	40.22	40.94	41.06	40.85	40.46	40.50	40.27

SUMMARY FOR 2000 HIGH 38.32 (Jan. 10 and 24-25, 2000) MEAN 39.64 LOW 41.06 (Aug. 20, 2000)

IDENTIFICATION NUMBER. 12F036.

COUNTY.—Grady
LOCATION.—Lat 30°52′35″, long 84°12′51″, Hydrologic Unit 03120002.
SITE NAME.—U.S. Geological Survey, Cairo.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 467 ft, cased to 458 ft, open hole.
DATUM.—Altitude of land-surface datum is 204.55 ft.
REMARKS.—Well was back filled from 971 ft to 467 ft.
PERIOD OF RECORD.—August 1964 to current year. Continuous record since August 1964.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 130.14 ft below land-surface datum, February 20, 1995; lowest, 166.55 ft below land-surface datum, August 22, 1972.

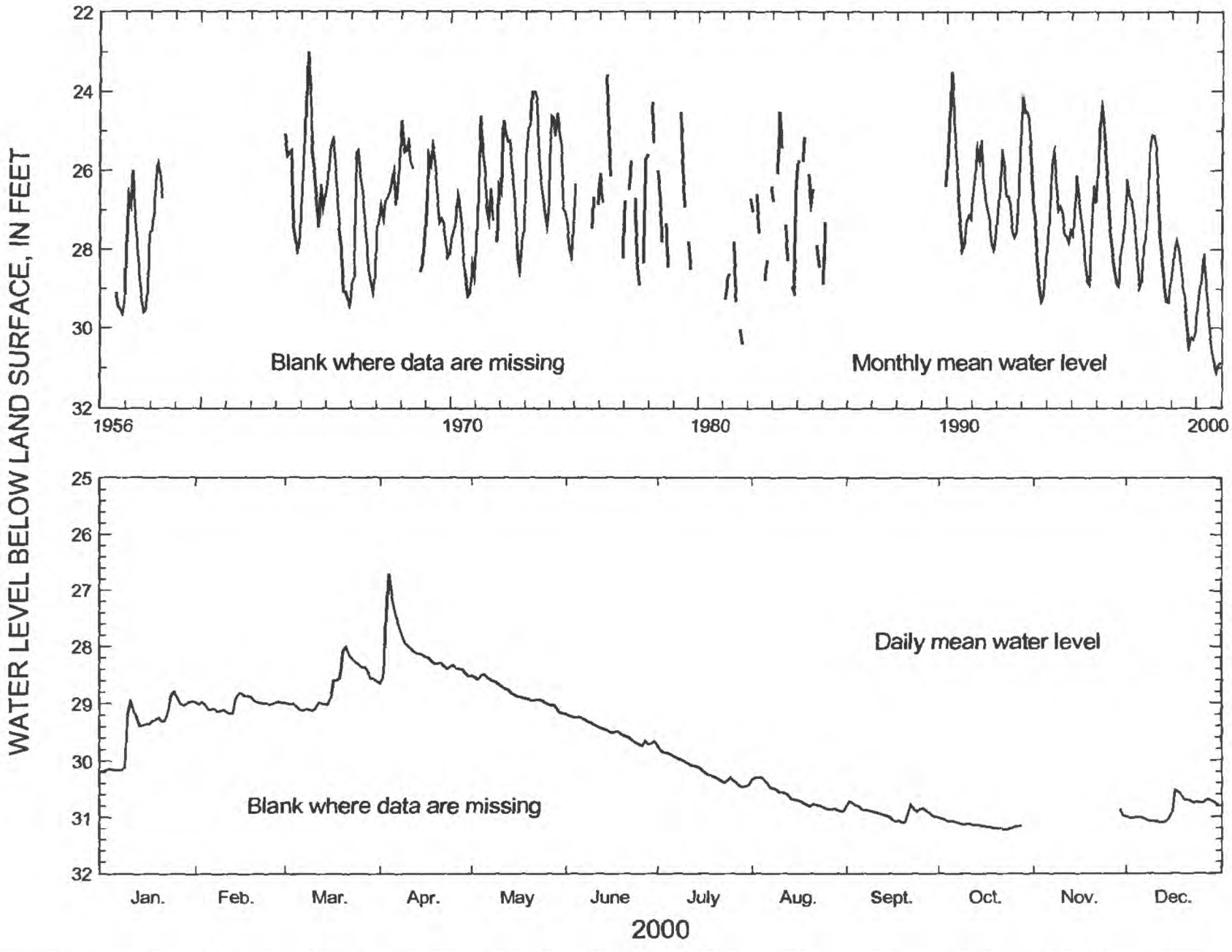


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	138.93	139.03	139.84	140.51	141.77	143.32	143.43	143.34	143.38	143.67	143.06	142.79
MEAN	139.34	139.56	140.18	141.33	143.15	143.99	143.95	144.30	143.89	144.06	143.86	143.26
LOW	139.86	140.03	140.42	142.03	143.99	144.39	144.44	145.02	144.92	144.54	144.57	143.47

SUMMARY FOR 2000 HIGH 138.93 (Jan. 25, 2000) MEAN 142.58 LOW 145.02 (Aug. 31, 2000)

IDENTIFICATION NUMBER. 12JJ04.

COUNTY.—Dawson
LOCATION.—Lat 34°21′27″, long 84°08′34″, Hydrologic Unit 03150104.
SITE NAME.—U.S. Geological Survey, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Crystalline rock.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 399 ft, cased to 80 ft, open hole.
DATUM.—Altitude of land-surface datum is 1,040 ft.
REMARKS.—Water-level data for period, October 29 to November 28, 2000, are missing.
PERIOD OF RECORD.—August 1956 to current year. Continuous record August 1956 to June 1958, May 1963 to January 1975, and since December 1989.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 19.29 ft below land-surface datum, April 8, 1964; lowest, 31.23 ft below land-surface datum, October 23, 2000.

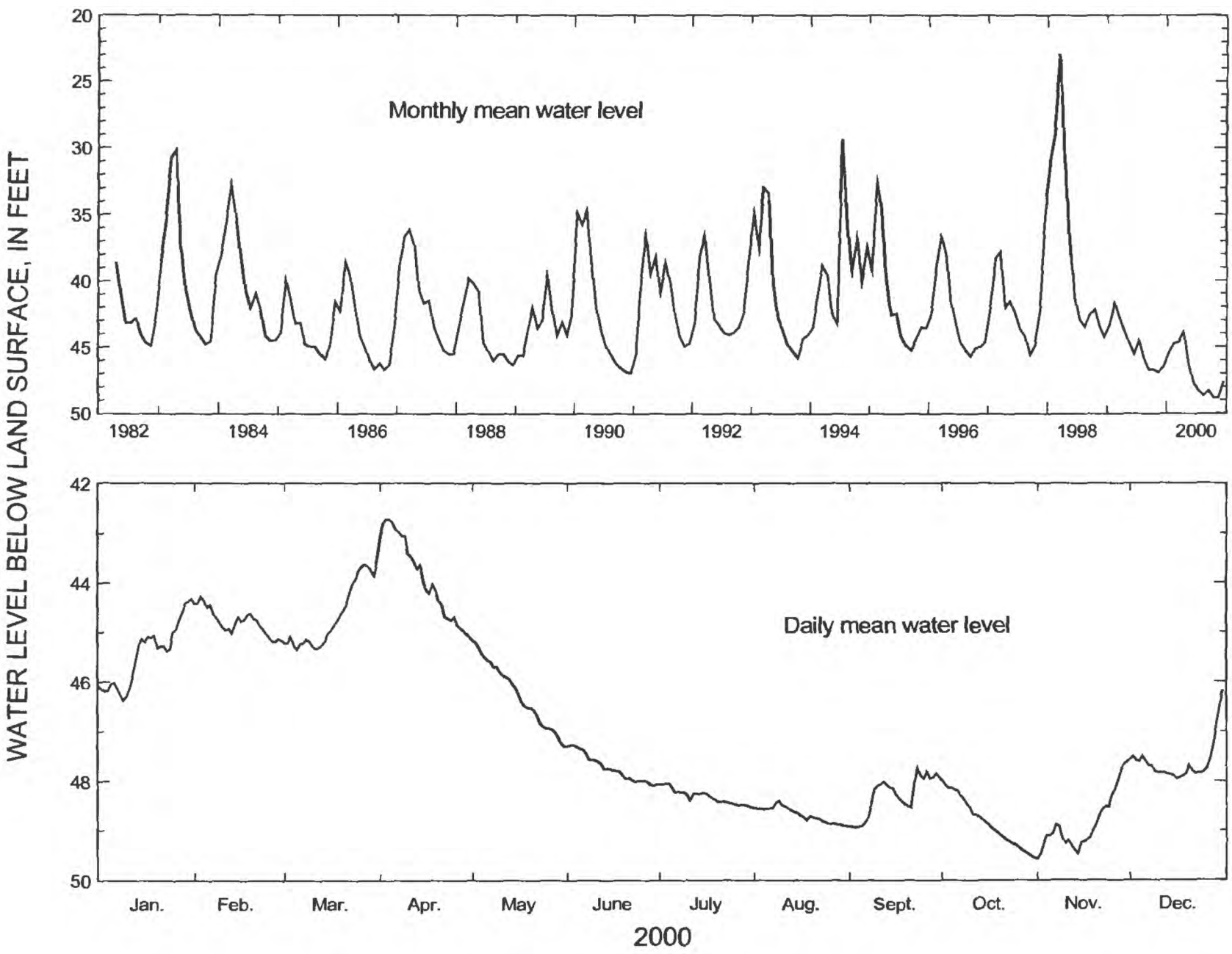


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	28.78	28.82	28.01	26.69	28.48	29.18	29.74	30.30	30.72	31.01	------	30.53
MEAN	29.43	29.00	28.72	28.09	28.81	29.47	30.16	30.65	30.92	31.14	------	30.87
LOW	30.19	29.17	29.12	28.64	29.17	29.74	30.46	30.90	31.09	31.23	------	31.10

SUMMARY FOR 2000 HIGH 26.69 (Apr. 4, 2000) MEAN 29.75 LOW 31.23 (Oct. 23, 2000)

IDENTIFICATION NUMBER. 12K014.

COUNTY.—Baker
LOCATION.—Lat 31°26′11″, long 84°11′05″, Hydrologic Unit 03130008.
SITE NAME.—Blue Springs, observation well.
INSTRUMENTATION.—Electronic data recorder with GOES Satellite transmitter.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 137 ft, cased to 69 ft, open hole.
DATUM.—Altitude of land-surface datum is 178 ft.
REMARKS.—None.
PERIOD OF RECORD.—April 1982 to current year. Continuous record since April 1982.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 16.07 ft below land-surface datum, March 14, 1998; lowest, 49.58 ft below land-surface datum, November 1, 2000.

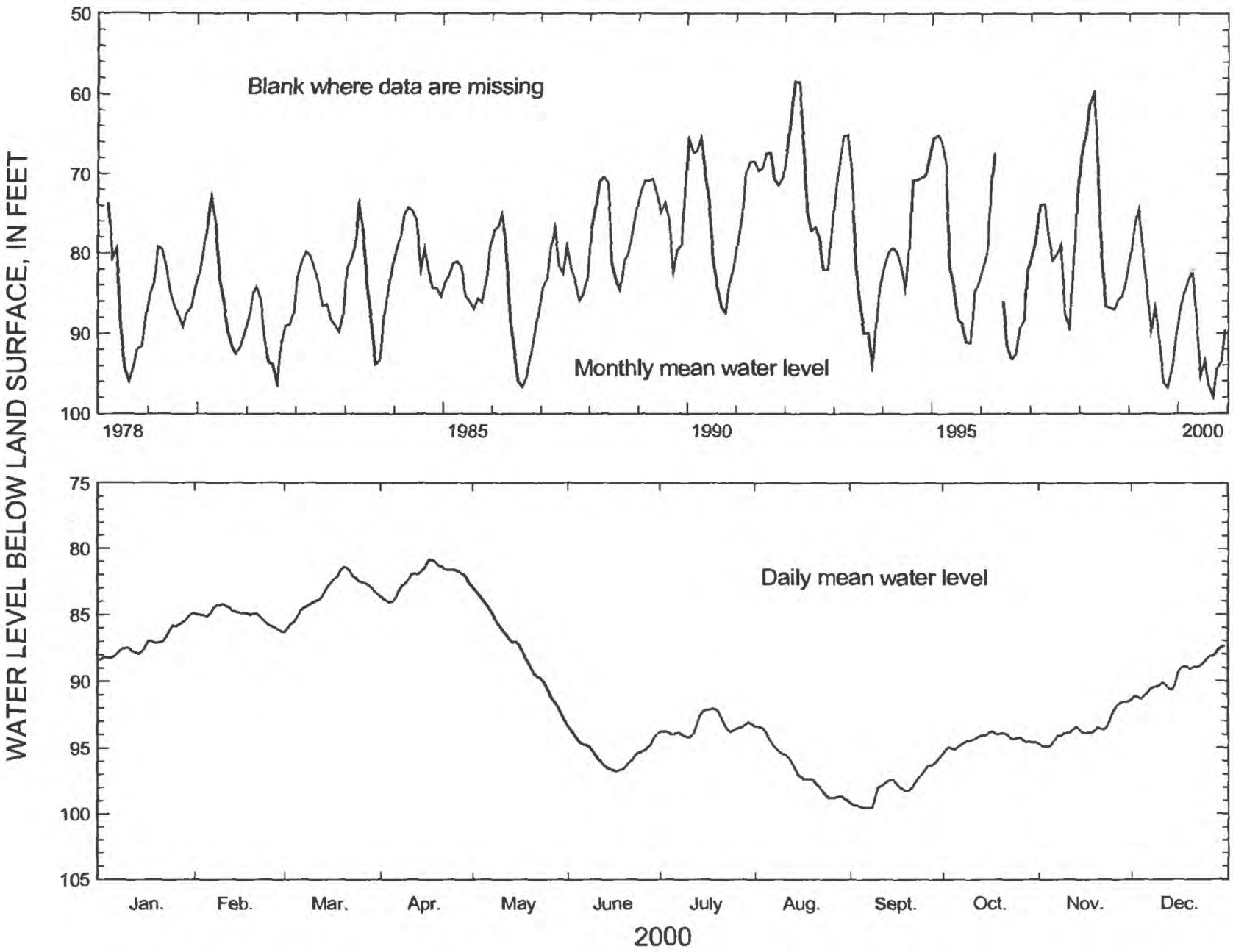


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	44.32	44.27	43.52	42.71	45.17	47.27	48.05	48.40	47.73	47.99	47.62	46.17
MEAN	45.46	44.78	44.66	43.89	46.24	47.73	48.31	48.68	48.29	48.83	48.85	47.61
LOW	46.37	45.19	45.35	45.10	47.30	48.09	48.53	48.91	48.93	49.56	49.58	47.96

SUMMARY FOR 2000 HIGH 42.71 (Apr. 3, 2000) MEAN 46.95 LOW 49.58 (Nov. 1, 2000)

IDENTIFICATION NUMBER. 12L019.

COUNTY.—Dougherty
LOCATION.—Lat 31°35′36″, long 84°10′30″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 5.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Claiborne.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 257 ft. cased to 241 ft, screen from 241 to 257 ft.
DATUM.—Altitude of land-surface datum is 198 ft.
REMARKS.—None.
PERIOD OF RECORD.—March 1978 to current year. Continuous record since March 1978.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 57.31 ft below land-surface datum, April 7, 1992; lowest, 99.57 ft below land-surface datum, September 6, 2000.

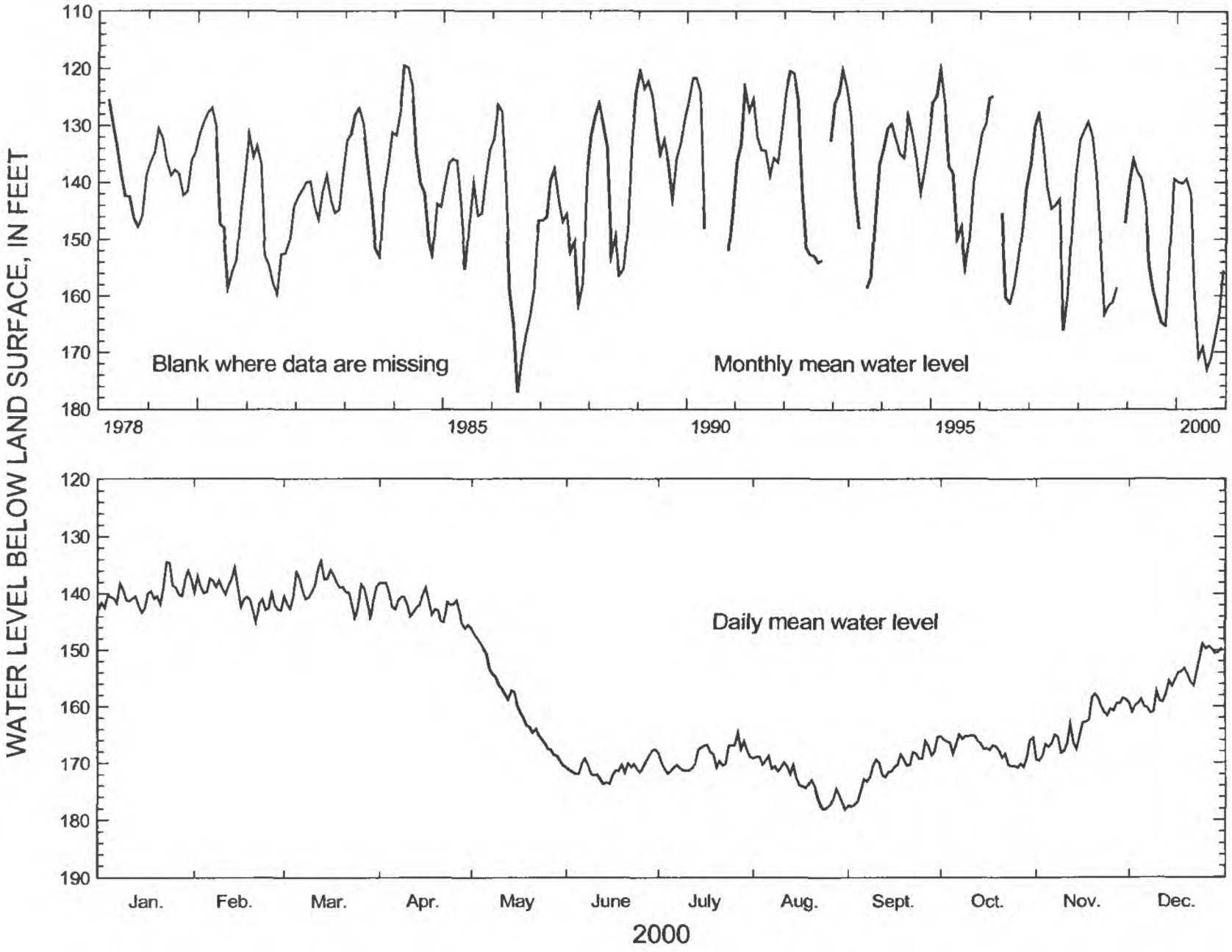


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	84.91	84.21	81.43	80.84	82.88	93.34	92.04	93.40	95.73	93.76	91.55	87.38
MEAN	87.09	85.03	83.41	82.23	87.68	95.37	93.34	96.61	97.93	94.42	93.54	89.59
LOW	88.39	86.25	86.29	84.04	92.94	96.77	94.21	98.98	99.57	95.44	94.94	91.39

SUMMARY FOR 2000 HIGH 80.84 (Apr. 17, 2000) MEAN 90.53 LOW 99.57 (Sept. 6, 2000)

IDENTIFICATION NUMBER. 12L020.

COUNTY.—Dougherty
LOCATION.—*Lat 31°35′34″, long 84°10′30″, Hydrologic Unit 03130008.*
SITE NAME.—U.S. Geological Survey, test well 6.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Clayton.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 690 ft, cased to 619 ft, open hole.
DATUM.—Altitude of land-surface datum is 195 ft.
REMARKS.—None.
PERIOD OF RECORD.—March 1978 to current year. Continuous record since March 1978.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 115.60 ft below land-surface datum, March 21, 1995; lowest, 180.74 ft below land-surface datum, July 23, 1986.

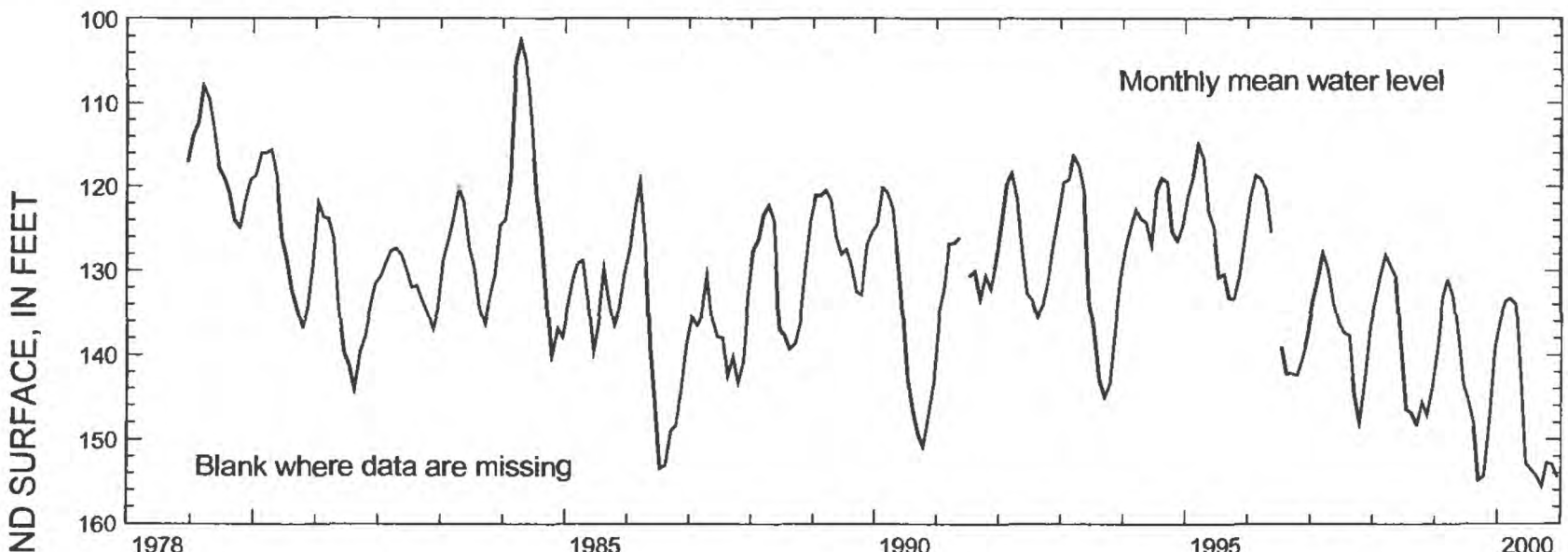


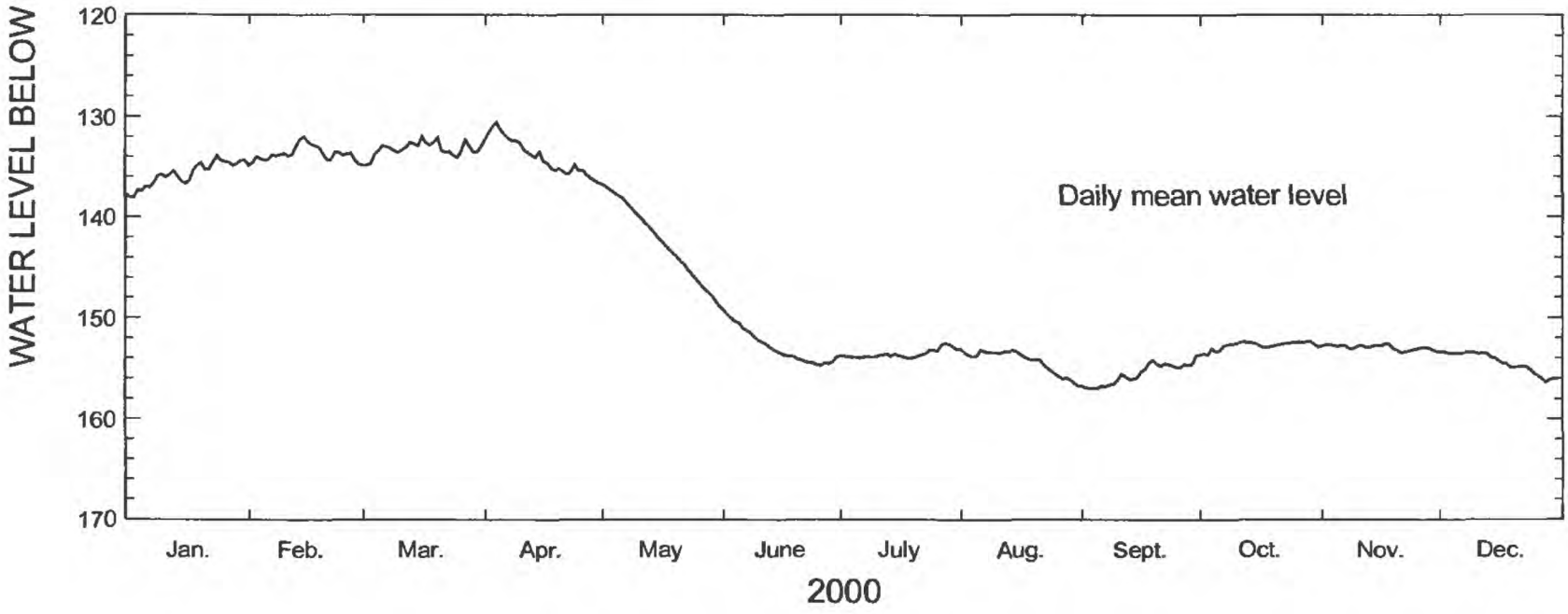
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	134.44	135.43	134.14	138.07	146.19	167.64	164.61	168.79	165.49	164.98	157.74	148.93
MEAN	139.98	140.18	139.41	142.05	159.52	171.08	169.11	173.14	171.01	167.44	163.56	155.52
LOW	143.33	145.06	144.38	146.17	170.41	173.74	171.86	178.15	177.64	170.89	169.63	161.15

SUMMARY FOR 2000 HIGH 134.14 (Mar. 13, 2000) MEAN 157.71 LOW 178.15 (Aug. 31, 2000)

IDENTIFICATION NUMBER. 12L021.

COUNTY.—Dougherty
LOCATION.—Lat 31°35′37″, long 84°10′29″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 10.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Providence.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 834 ft, cased to 810 ft, screen from 810 to 830 ft.
DATUM.—Altitude of land-surface datum is 198 ft.
REMARKS.—None.
PERIOD OF RECORD.—December 1978 to current year. Continuous record since December 1978.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 101.59 ft below land-surface datum, April 26, 1984; lowest, 157.10 ft below land-surface datum, September 25, 1999.



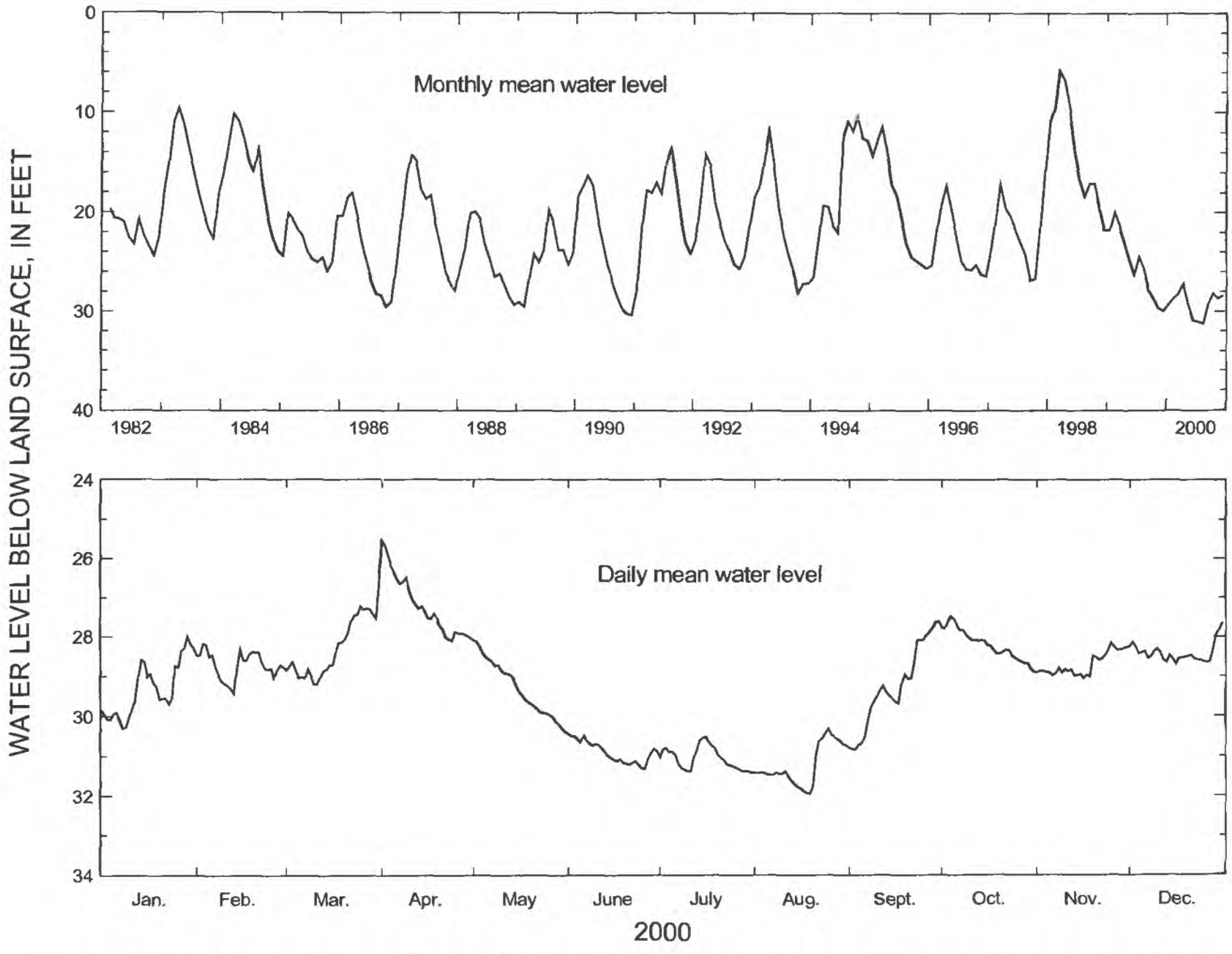


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	133.86	131.96	131.95	130.52	136.75	149.24	152.55	153.14	153.78	152.33	152.58	153.36
MEAN	135.76	133.67	133.26	133.94	142.38	152.85	153.60	154.30	155.56	152.76	152.95	154.46
LOW	138.05	134.82	134.87	136.59	148.82	154.73	154.01	156.76	157.00	153.66	153.45	156.41

SUMMARY FOR 2000 HIGH 130.52 (Apr. 4, 2000) MEAN 146.33 LOW 157.00 (Sept. 4, 2000)

IDENTIFICATION NUMBER. 12L028.

COUNTY.—Dougherty
LOCATION.—Lat 31°33′02″, long 84°12′03″, Hydrologic Unit 03130008.
SITE NAME.—Vandy W. Musgrove.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 10.5 in., depth 100 ft, cased to 43 ft, open hole.
DATUM.—Altitude of land-surface datum is 190 ft.
REMARKS.—None.
PERIOD OF RECORD.—February 1982 to current year. Continuous record since February 1982.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 4.04 ft below land-surface datum, March 15, 1998; lowest, 31.94 ft below land-surface datum, August 19, 2000.

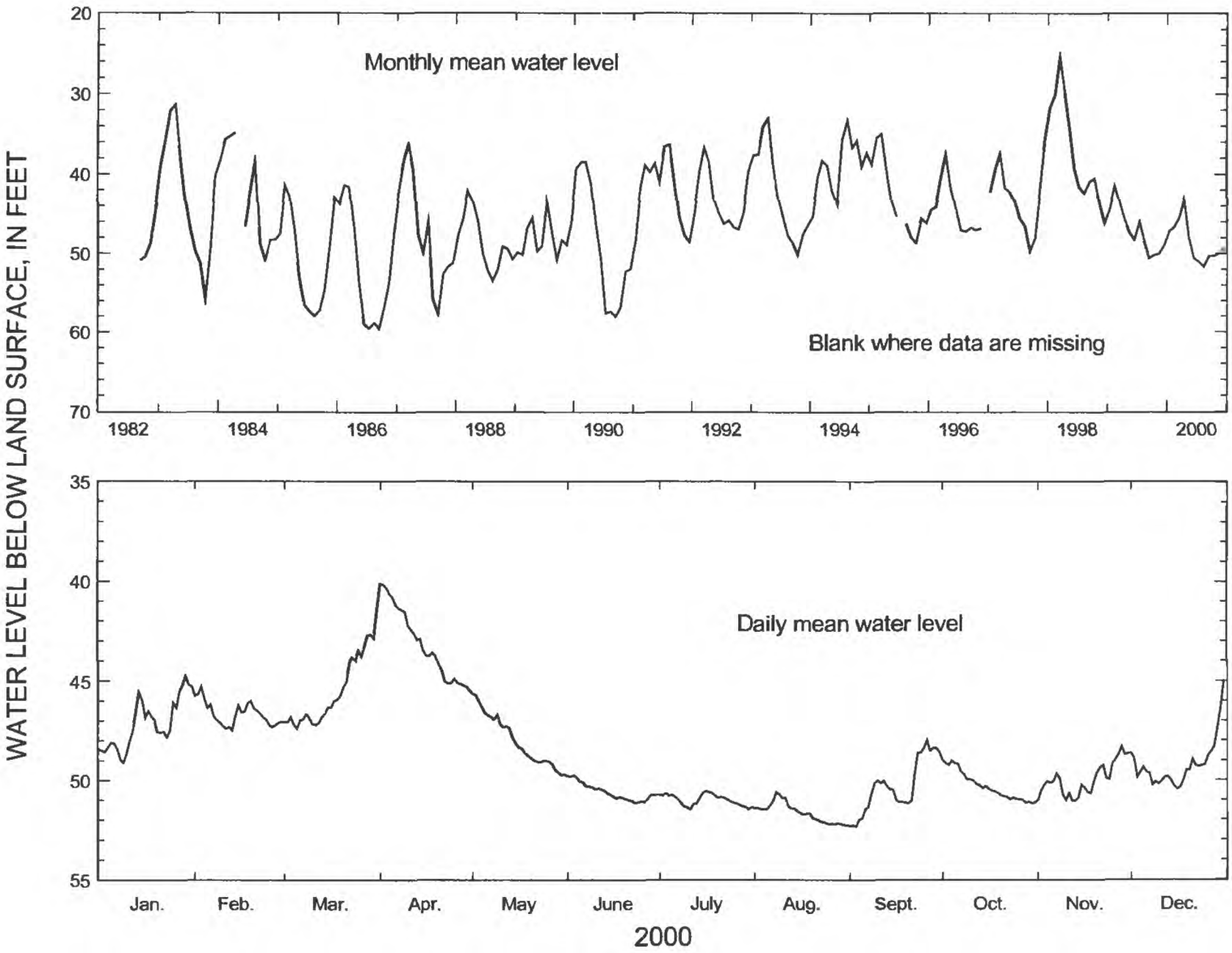


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	27.99	28.19	26.74	25.54	28.09	30.44	30.52	30.30	27.60	27.47	28.15	27.64
MEAN	29.33	28.71	28.27	27.20	29.29	30.90	31.05	31.22	29.25	28.19	28.70	28.42
LOW	30.30	29.43	29.20	28.10	30.38	31.31	31.40	31.94	30.83	28.89	29.05	28.70

SUMMARY FOR 2000 HIGH 25.54 (Apr. 1, 2000) MEAN 29.22 LOW 31.94 (Aug. 19, 2000)

IDENTIFICATION NUMBER. 12L029.

COUNTY.—Dougherty
LOCATION.—Lat 31°34′50″, long 84°09′18″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 13.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 178 ft, cased to 35 ft, open hole.
DATUM.—Altitude of land-surface datum is 200 ft.
REMARKS.—None.
PERIOD OF RECORD.—September 1982 to current year. Continuous record since September 1982.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 20.47 ft below land-surface datum, March 14, 1998; lowest, 64.66 ft below land-surface datum, July 26, 1986.

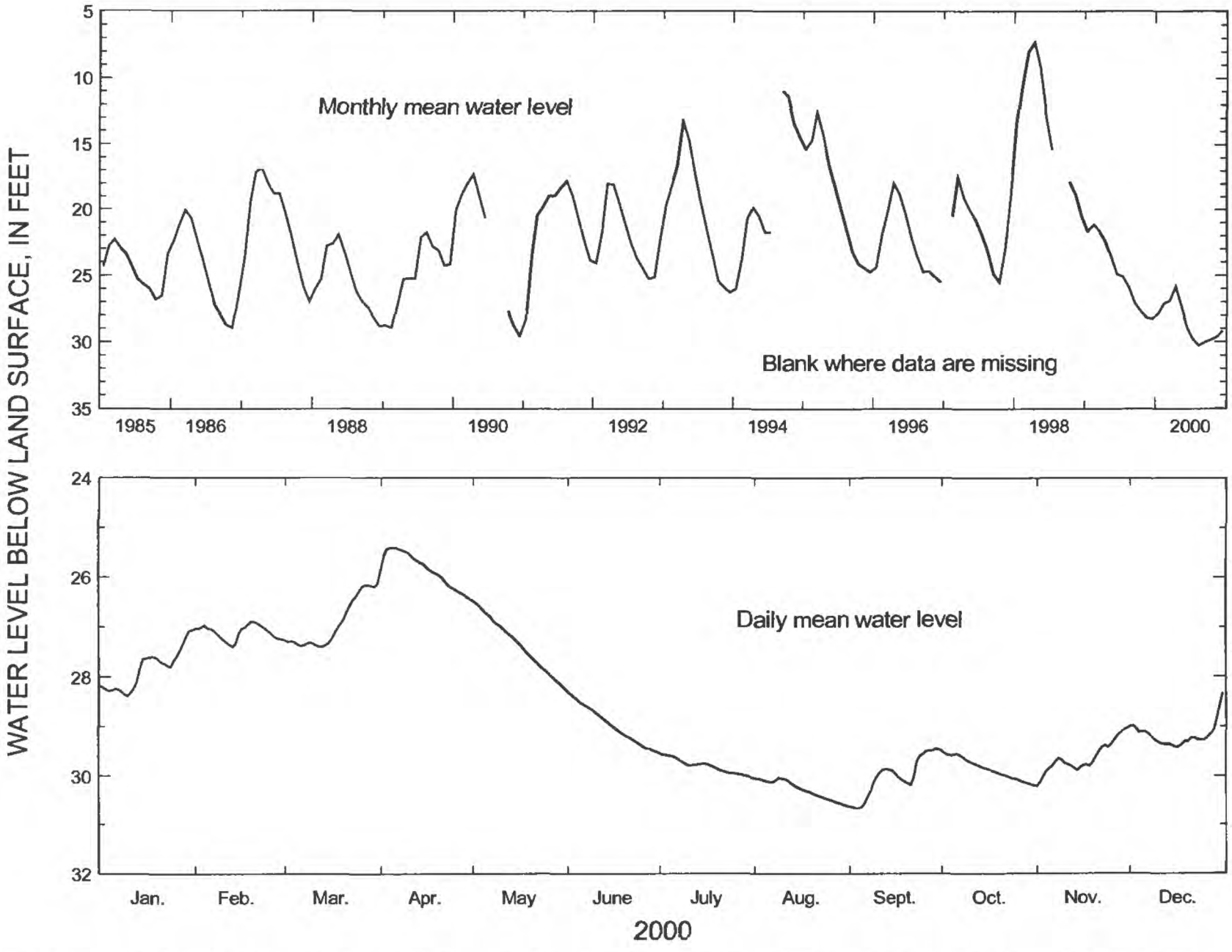


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	44.74	45.28	41.46	40.10	45.65	49.75	50.56	50.60	47.99	48.99	48.30	44.97
MEAN	47.17	46.64	45.51	43.14	47.98	50.60	51.01	51.65	50.33	50.30	49.99	49.24
LOW	49.11	47.47	47.39	45.46	49.74	51.16	51.49	52.29	52.35	51.18	51.05	50.46

SUMMARY FOR 2000 HIGH 40.10 (Apr. 1, 2000) MEAN 48.64 LOW 52.35 (Sept. 3, 2000)

IDENTIFICATION NUMBER. 12L030.

COUNTY.—Dougherty
LOCATION.—Lat 31°31′30″, long 84°10′10″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 16.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 140 ft, cased to 84 ft, open hole.
DATUM.—Altitude of land-surface datum is 180 ft.
REMARKS.—None.
PERIOD OF RECORD.—January 1985 to current year. Continuous record since January 1985.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 2.59 ft below land-surface datum, March 20, 1998, but may have been higher during period of missing record; lowest, 30.66 ft below land-surface datum, September 3-4, 2000.

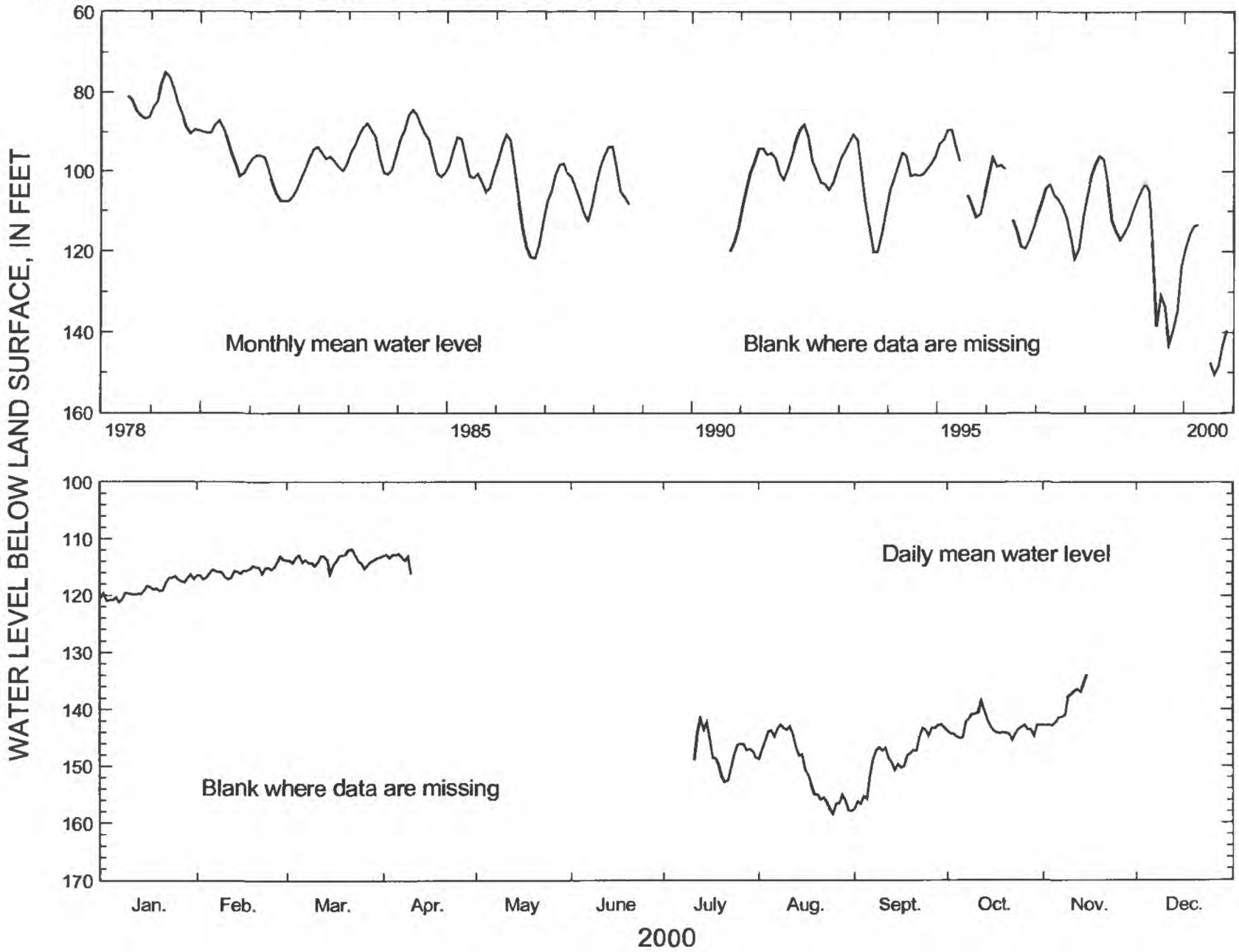


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	27.06	26.90	26.14	25.42	26.48	28.30	29.54	30.04	29.46	29.49	29.04	28.33
MEAN	27.85	27.11	26.93	25.85	27.36	28.96	29.80	30.28	30.03	29.86	29.65	29.18
LOW	28.38	27.40	27.40	26.44	28.24	29.51	30.03	30.61	30.66	30.20	30.21	29.42

SUMMARY FOR 2000 HIGH 25.42 (Apr. 4-6, 2000) MEAN 28.58 LOW 30.66 (Sept. 3-4, 2000)

IDENTIFICATION NUMBER. 12M001.

COUNTY.—Lee
LOCATION.—Lat 31°38′13″, long 84°12′50″, Hydrologic Unit 03130007.
SITE NAME.—U.S. Geological Survey, test well 8.
INSTRUMENTATION.—*Electronic data recorder.*
AQUIFER.—Claiborne.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 385 ft, cased to 370 ft, screen from 370 to 385 ft.
DATUM.—Altitude of land-surface datum is 238 ft.
REMARKS.—Water-level data for periods, April 11 to July 10 and November 16 to December 31, 2000, are missing.
PERIOD OF RECORD.—July 1978 to current year. Continuous record October 1978 to September 1988 and since October 1990.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 74.77 ft below land-surface datum, April 26, 1979; lowest, 158.47 ft below land-surface datum, August 25, 2000.

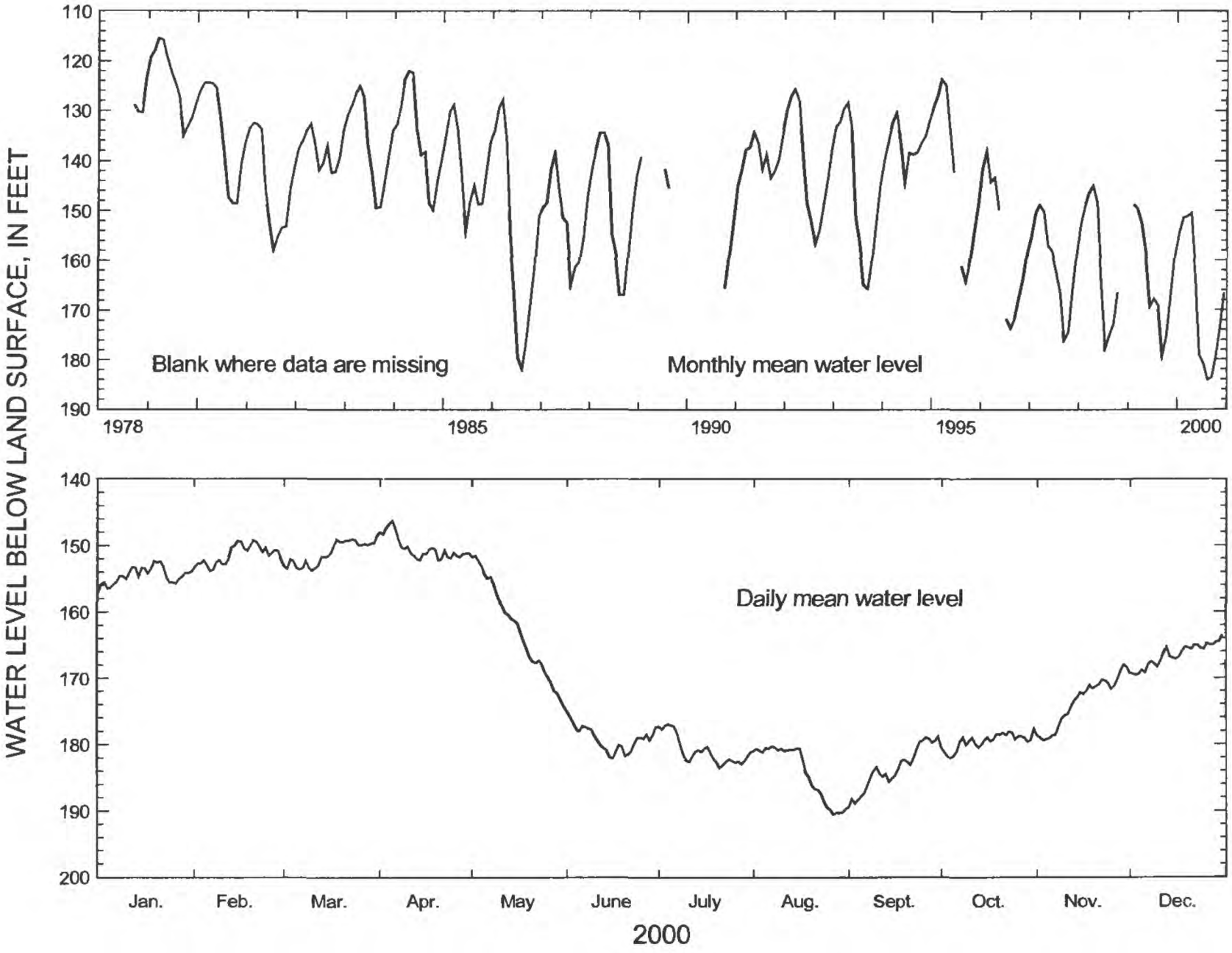


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	116.24	113.04	111.80	------	------	------	------	142.68	142.65	138.56	------	------
MEAN	118.89	115.58	113.68	------	------	------	------	150.54	148.37	143.19	------	------
LOW	121.19	117.09	116.11	------	------	------	------	158.47	157.57	145.41	------	------

SUMMARY FOR 2000 HIGH 111.80 (Mar. 22, 2000) MEAN ------ LOW 158.47 (Aug. 25, 2000)

IDENTIFICATION NUMBER. 12M002.

COUNTY.—Lee
LOCATION.—Lat 31°38′12″, long 84°12′50″, Hydrologic Unit 03130007.
SITE NAME.—U.S. Geological Survey, test well 9.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Clayton.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 650 ft, cased to 567 ft, open hole.
DATUM.—Altitude of land-surface datum is 230 ft.
REMARKS.—None.
PERIOD OF RECORD.—September 1978 to current year. Continuous record September 1978 to September 1988 and since October 1990.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 114.79 ft below land-surface datum, March 14, 1979; lowest, 190.54 ft below land-surface datum, August 27, 2000.

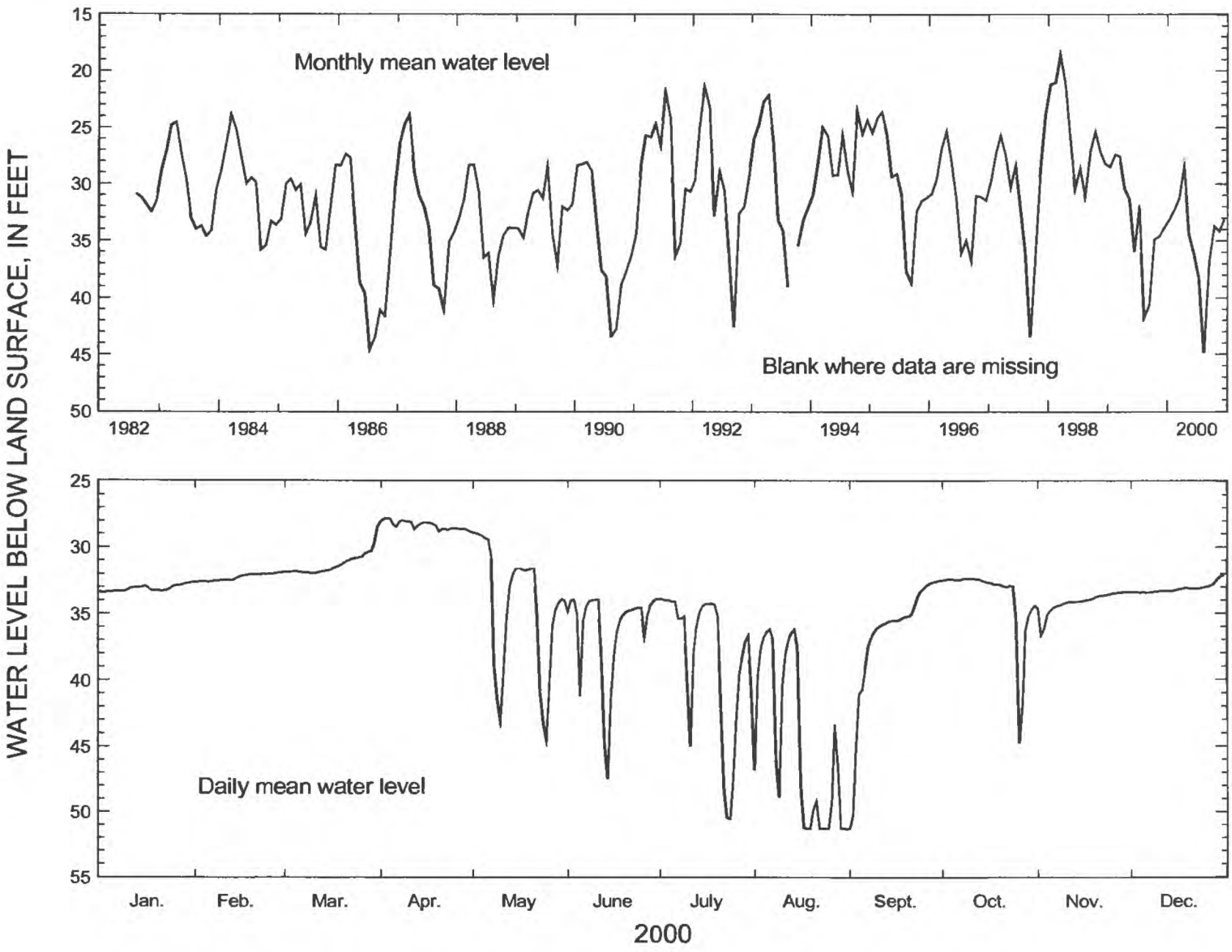


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	152.35	149.20	148.57	146.29	151.52	174.90	176.93	180.26	178.81	177.57	167.94	163.54
MEAN	154.53	151.37	151.11	150.38	162.57	179.08	180.90	184.17	183.65	179.50	173.60	166.60
LOW	157.09	153.80	153.69	152.25	174.12	182.09	183.48	190.54	189.46	182.00	179.32	169.54

SUMMARY FOR 2000 HIGH 146.29 (Apr. 5, 2000) MEAN 168.18 LOW 190.54 (Aug. 27, 2000)

IDENTIFICATION NUMBER. 12M017.

COUNTY.—Lee
LOCATION.—Lat 31°38′08″, long 84°09′36″, Hydrologic Unit 03130007.
SITE NAME.—U.S. Geological Survey, test well 19.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 181 ft, cased to 41 ft, open hole.
DATUM.—Altitude of land-surface datum is 225 ft.
REMARKS.—None.
PERIOD OF RECORD.—August 1982 to current year. Continuous record since August 1982.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 15.15 ft below land-surface datum, March 11, 1990; lowest, 61.67 ft below land-surface datum, August 24, 1990, but may have been lower during period of missing record.

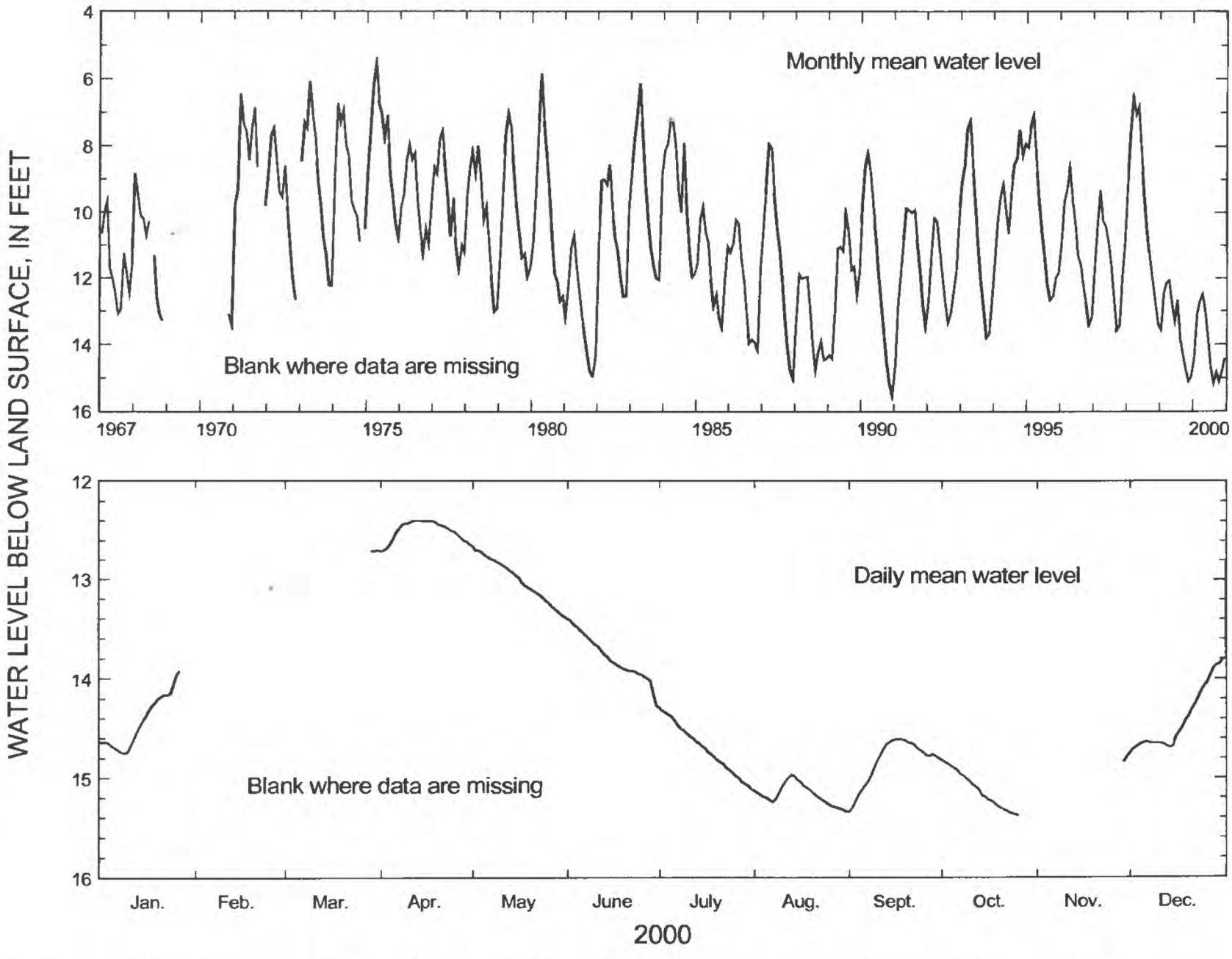


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	32.65	31.87	28.46	27.79	28.91	33.90	33.90	36.20	32.54	32.34	33.39	32.08
MEAN	33.14	32.27	31.27	28.34	34.42	36.16	38.24	44.87	36.78	33.71	34.16	33.14
LOW	33.42	32.64	31.94	28.82	44.49	47.53	50.56	51.34	51.33	44.79	36.70	33.44

SUMMARY FOR 2000 HIGH 27.79 (Apr. 3, 2000) MEAN 34.73 LOW 51.34 (Aug. 31, 2000)

IDENTIFICATION NUMBER. 12Z001.

COUNTY.—Lamar
LOCATION.—Lat 33°08′58″, long 84°12′29″, Hydrologic Unit 03130005.
SITE NAME.—Dixie Pipeline.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Surficial (residuum).
WELL CHARACTERISTICS.—Bored observation well, diameter 24 in., depth 31 ft, cased to 30 ft, open hole.
DATUM.—Altitude of land-surface datum is 852.1 ft.
REMARKS.—Water-level data for periods, January 28 to February 24, February 27 to March 28, and October 27 to November 28, 2000, are missing.
PERIOD OF RECORD.—January 1967 to current year. Continuous record since January 1967.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 4.96 ft below land-surface datum, April 17, 1975; lowest, 15.62 ft below land-surface datum, December 20, 1990.

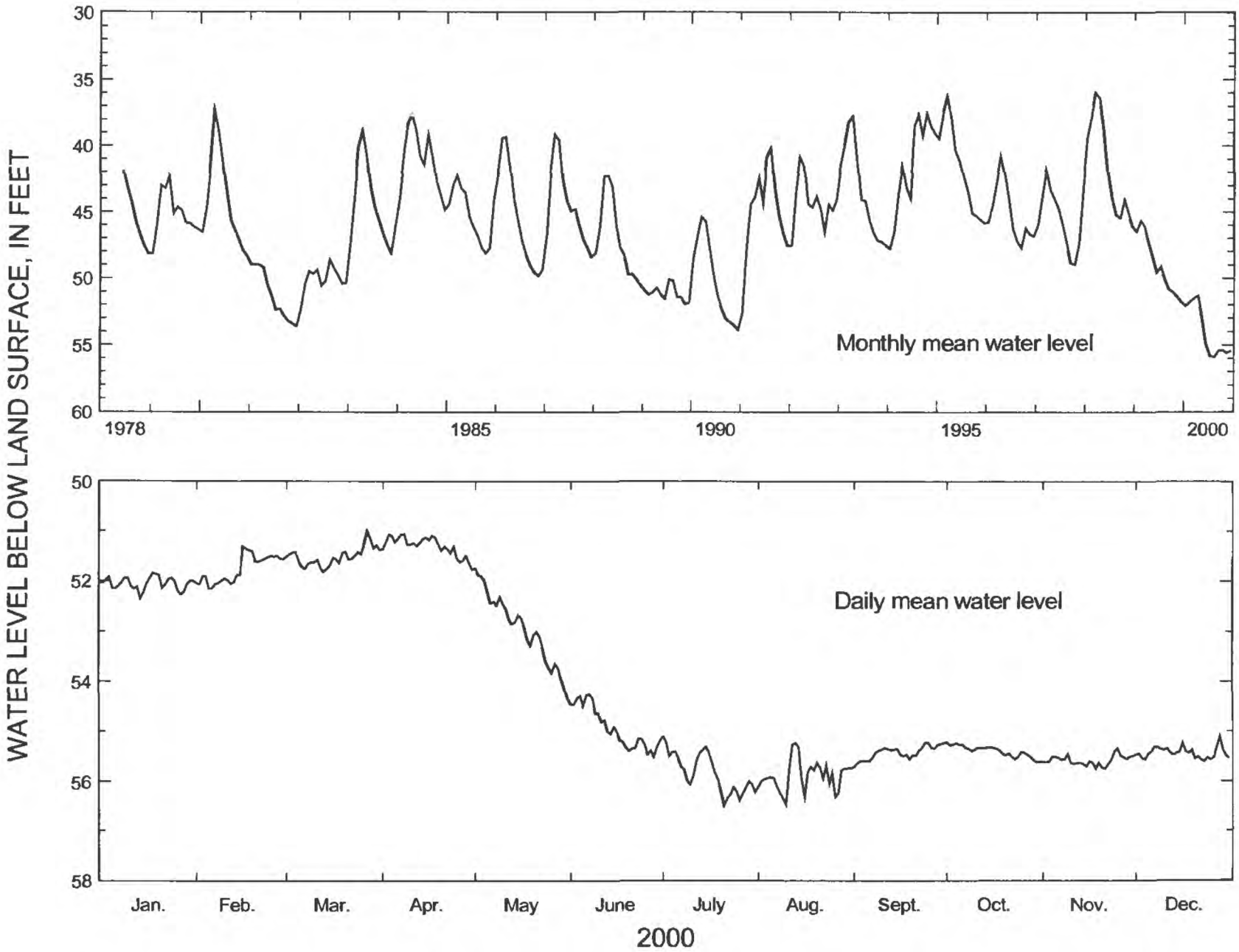


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	13.92	------	------	12.40	12.66	13.40	14.29	14.97	14.61	14.82	------	13.81
MEAN	14.43	------	------	12.50	13.00	13.78	14.70	15.17	14.83	15.12	------	14.42
LOW	14.75	------	------	12.71	13.38	14.27	15.11	15.34	15.34	15.38	------	14.75

SUMMARY FOR 2000 HIGH 12.40 (Apr. 12-18, 2000) MEAN ------ LOW 15.38 (Oct. 26, 2000)

IDENTIFICATION NUMBER. 13J004.

COUNTY.—Mitchell
LOCATION.—Lat 31°21′29″, long 84°06′57″, Hydrologic Unit 03130008.
SITE NAME.—Aurora Dairy.
INSTRUMENTATION.—Electronic data recorder with GOES Satellite transmitter.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 12 in., depth 208 ft, cased to 77 ft, open hole.
DATUM.—Altitude of land-surface datum is 200 ft.
REMARKS.—None.
PERIOD OF RECORD.—June 1978 to current year. Continuous record since June 1978.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 34.64 ft below land-surface datum, March 20, 1998; lowest, 56.49 ft below land-surface datum, July 21, 2000.

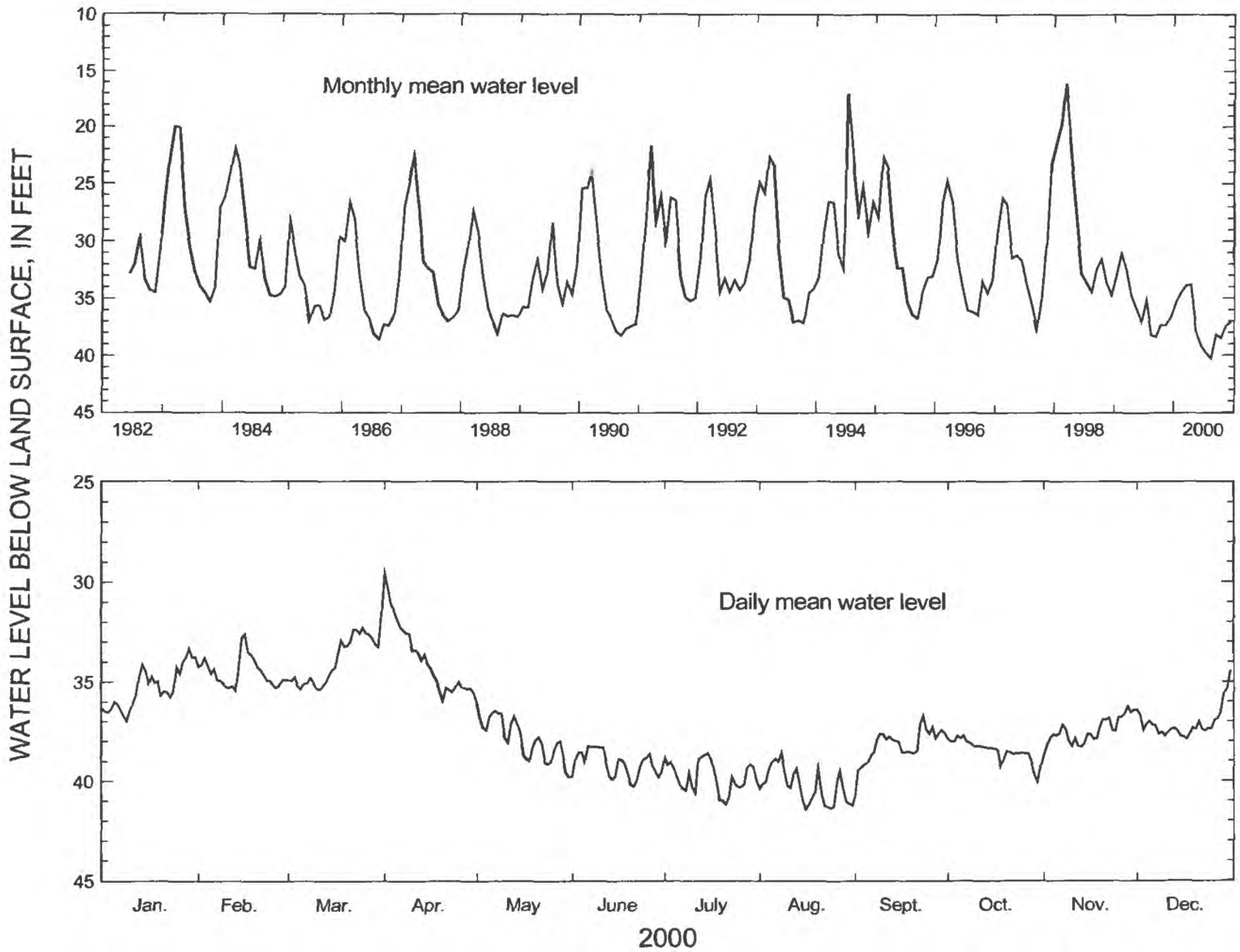


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	51.84	51.31	51.00	51.06	51.74	54.26	55.10	55.24	55.23	55.22	55.34	55.11
MEAN	52.05	51.76	51.51	51.30	52.94	54.94	55.83	55.89	55.43	55.40	55.59	55.44
LOW	52.35	52.15	51.81	51.77	54.34	55.51	56.49	56.48	55.72	55.62	55.75	55.60

SUMMARY FOR 2000 HIGH 51.00 (Mar. 27, 2000) MEAN 54.01 LOW 56.49 (July 21, 2000)

IDENTIFICATION NUMBER. 13K014.

COUNTY.—Dougherty
LOCATION.—Lat 31°27′04″, long 84°07′10″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 15.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 129 ft, cased to 99 ft, open hole.
DATUM.—Altitude of land-surface datum is 183 ft.
REMARKS.—None.
PERIOD OF RECORD.—June 1982 to current year. Continuous record since June 1982.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 5.11 ft below land-surface datum, July 4, 1994; lowest, 41.40 ft below land-surface datum, August 16, 2000.

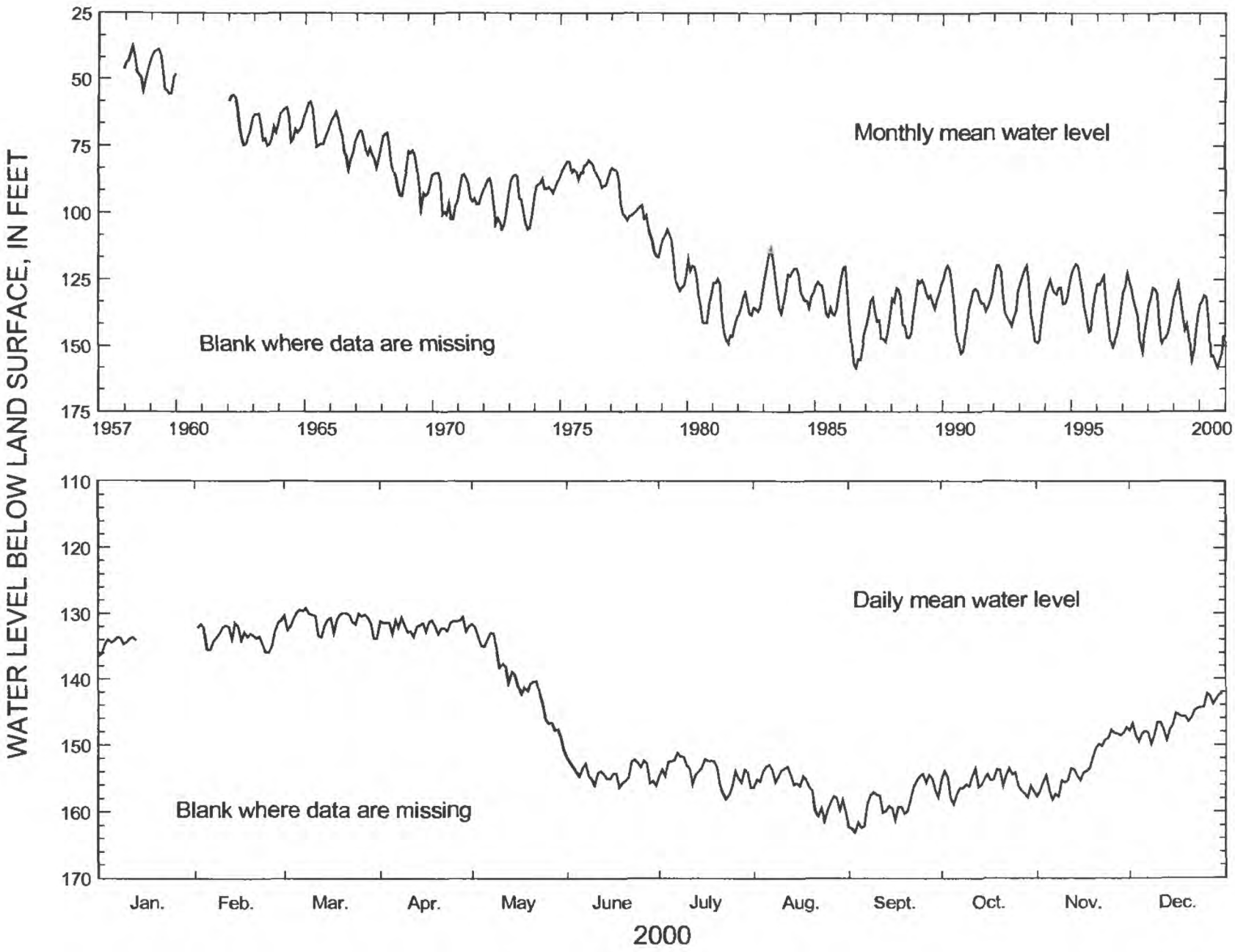


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	33.32	32.60	31.67	29.55	36.02	38.23	38.60	38.55	36.67	37.70	36.21	34.44
MEAN	35.31	34.50	33.90	33.82	37.85	39.12	39.78	40.26	38.18	38.47	37.46	37.09
LOW	36.96	35.44	35.38	35.94	39.80	40.26	41.17	41.40	40.70	40.04	38.68	37.89

SUMMARY FOR 2000 HIGH 29.55 (Apr. 1, 2000) MEAN 37.16 LOW 41.40 (Aug. 16, 2000)

IDENTIFICATION NUMBER. 13L002.

COUNTY.—Dougherty
LOCATION.—Lat 31°35′51″, long 84°06′24″, Hydrologic Unit 03130008.
SITE NAME.—Albany Water, Gas, and Light Commission, Turner City 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Clayton.
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 12 in., depth 760 ft, cased to 713 ft, open hole.
DATUM.—Altitude of land-surface datum is 212.8 ft.
REMARKS.—Water-level data for period, January 14 to February 1, 2000, are missing.
PERIOD OF RECORD.—December 1957 to current year. Continuous record December 1957 to December 1959, and since January 1962.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 38.19 ft below land-surface datum, April 1, 1959; lowest, 163.08 ft below land-surface datum, September 3, 2000.

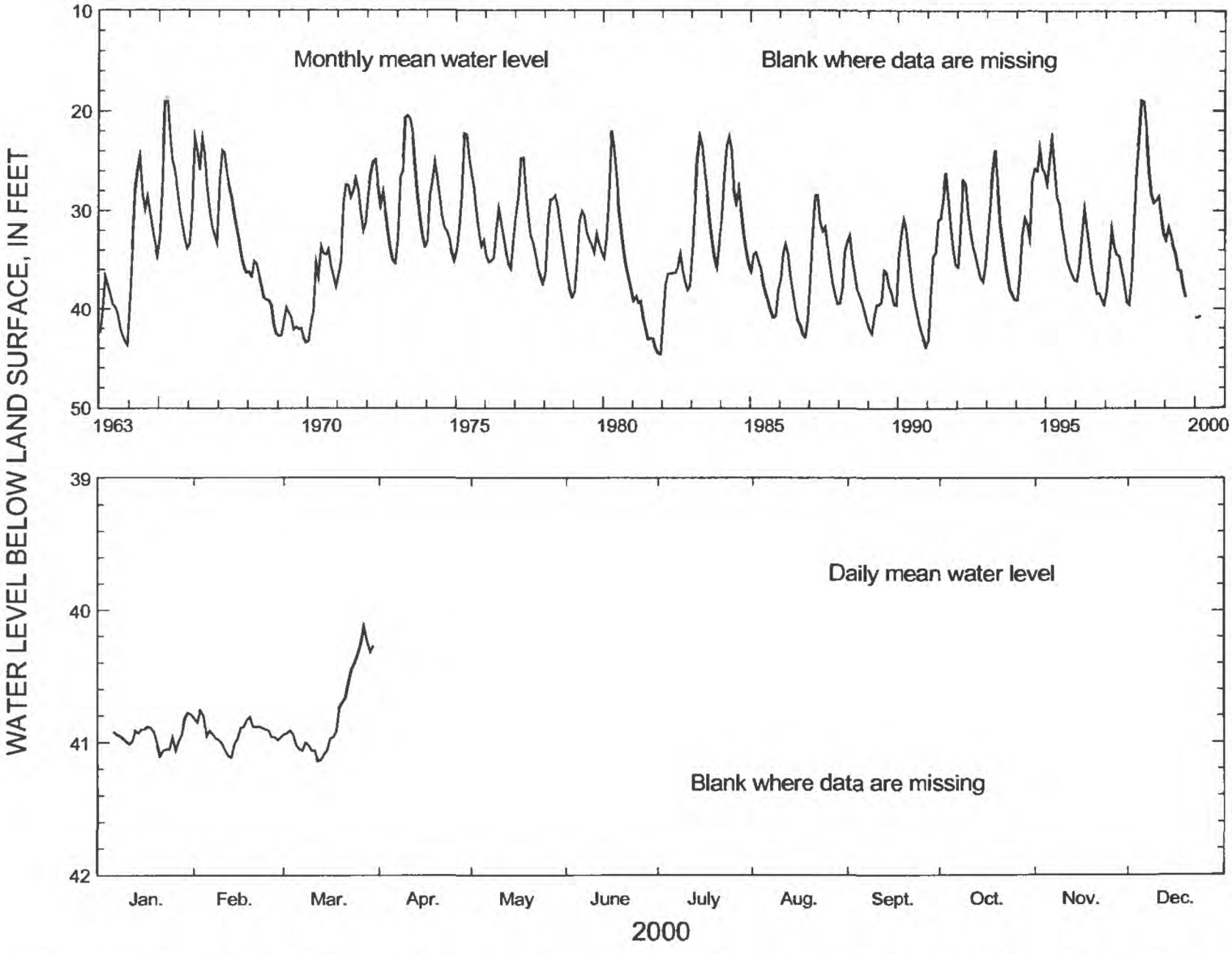


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	------	131.07	129.16	130.52	131.59	151.89	151.21	152.94	154.32	153.50	147.41	142.27
MEAN	------	133.25	131.02	131.83	140.15	154.17	154.06	156.46	158.64	155.64	152.98	146.15
LOW	------	135.82	133.80	133.53	150.83	156.34	158.07	161.36	163.08	158.84	158.23	149.93

SUMMARY FOR 2000 HIGH 129.16 (Mar. 8, 2000) MEAN 146.38 LOW 163.08 (Sept. 3, 2000)

IDENTIFICATION NUMBER. 13L003.

COUNTY.—Dougherty
LOCATION.—Lat 31°33′13″, long 84°00′21″, Hydrologic Unit 03130008.
SITE NAME.—City of Albany and Dougherty County.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 6 in., depth 259 ft, cased to 206 ft, open hole.
DATUM.—Altitude of land-surface datum is 225 ft.
REMARKS.—Water-level data for period, January 1-5, 2000, are missing. Record collection discontinued, March 31, 2000, and replaced with well 13L180.
PERIOD OF RECORD.—January 1963 to March 31 of current year. Continuous record since January 1963.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 17.17 ft below land-surface datum, March 20, 1998; lowest, 44.89 ft below land-surface datum, December 13, 1981.

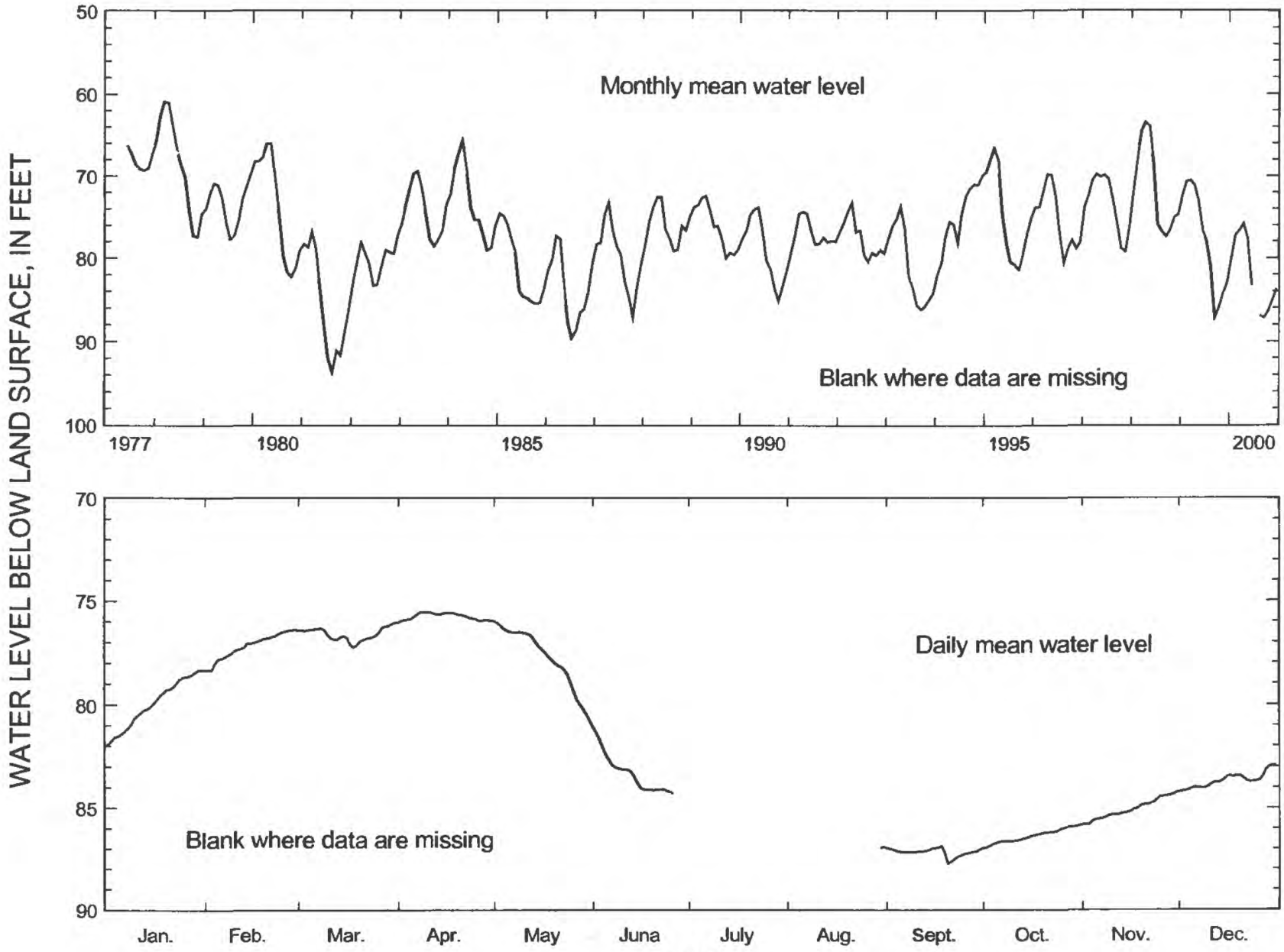


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH4	0.78	40.76	40.13	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEAN	40.95	40.93	40.78	-----	-----	-----	-----	-----	-----	-----	-----	-----
LOW	41.10	41.11	41.14	-----	-----	-----	-----	-----	-----	-----	-----	-----

SUMMARY FOR 2000 HIGH 40.13 (Mar. 27, 2000) MEAN ----- LOW 41.14 (Mar. 12, 2000)

IDENTIFICATION NUMBER. 13L011.

COUNTY.—Dougherty
LOCATION.—Lat 31°31′05″, long 84°06′43″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Claiborne.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 418 ft, cased to 398 ft, screen from 398 to 418 ft.
DATUM.—Altitude of land-surface datum is 195 ft.
REMARKS.—Water-level data for period, June 27 to August 29, 2000, are missing.
PERIOD OF RECORD.—June 1977 to current year. Continuous record since June 1977.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 60.01 ft below land-surface datum, April 5, 1978; lowest, 95.00 ft below land-surface datum, August 9-11, 1981.

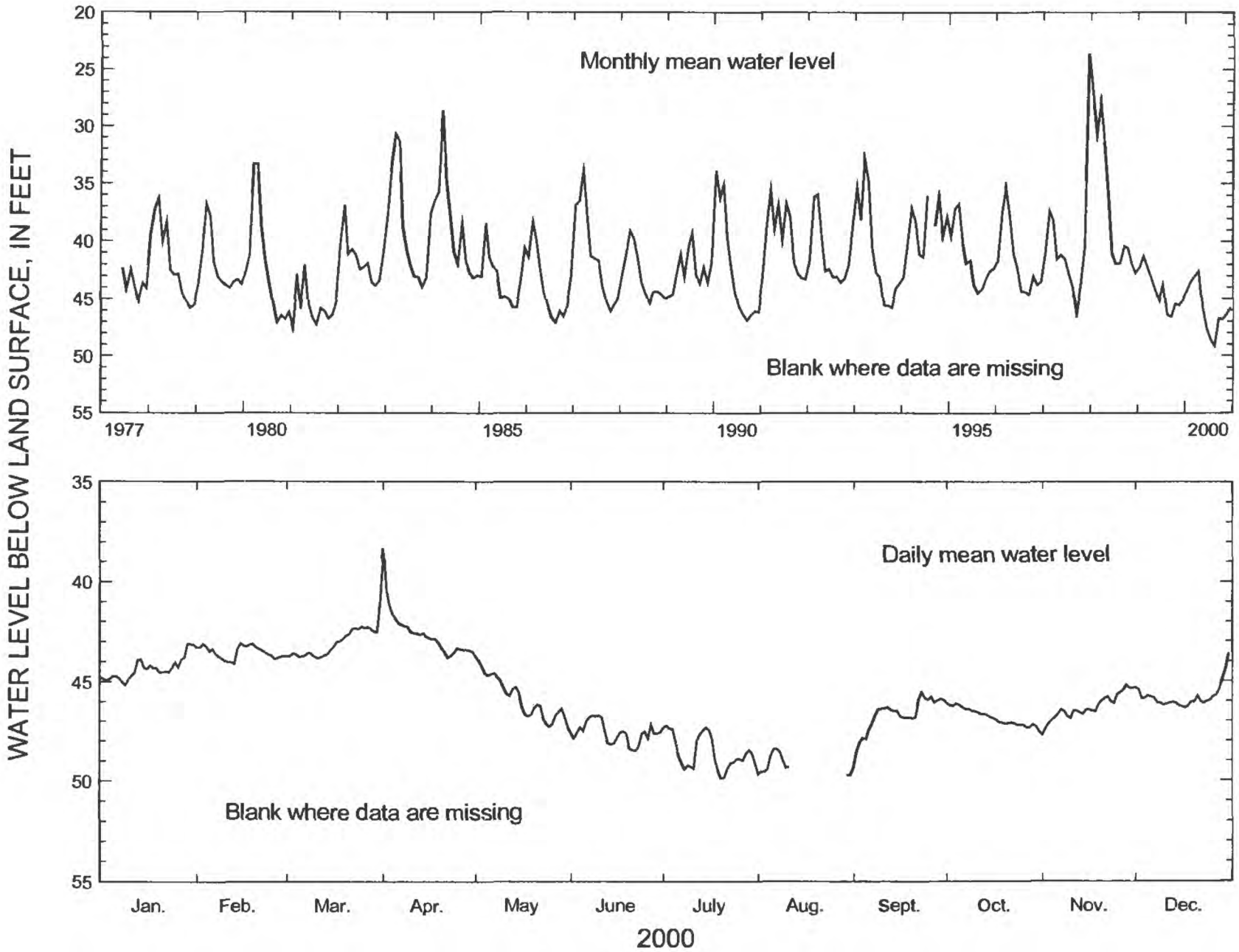


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	78.34	76.41	76.07	75.54	75.99	81.08	------	------	86.85	85.85	84.26	82.95
MEAN	79.99	77.20	76.62	75.76	77.70	83.29	------	------	87.17	86.38	85.08	83.69
LOW	81.98	78.34	77.26	76.05	80.76	84.30	------	------	87.72	86.95	85.81	84.22

SUMMARY FOR 2000 HIGH 75.54 (Apr. 9-10, 2000) MEAN ------ LOW 87.72 (Sept. 20, 2000)

IDENTIFICATION NUMBER. 13L012.

COUNTY.—Dougherty
LOCATION.—Lat 31°31′05″, long 84°06′43″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 3.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 218 ft, cased to 54 ft, open hole.
DATUM.—Altitude of land-surface datum is 195 ft.
REMARKS.—Water-level data for period, August 12-29, 2000 are missing. Water levels may be affected by stage in the nearby Flint River.
PERIOD OF RECORD.—June 1977 to current year. Continuous record since June 1977.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 17.60 ft below land-surface datum, March 14, 1998, but may have been higher during period of missing record; lowest, 49.89 ft below land-surface datum, July 20, 2000.

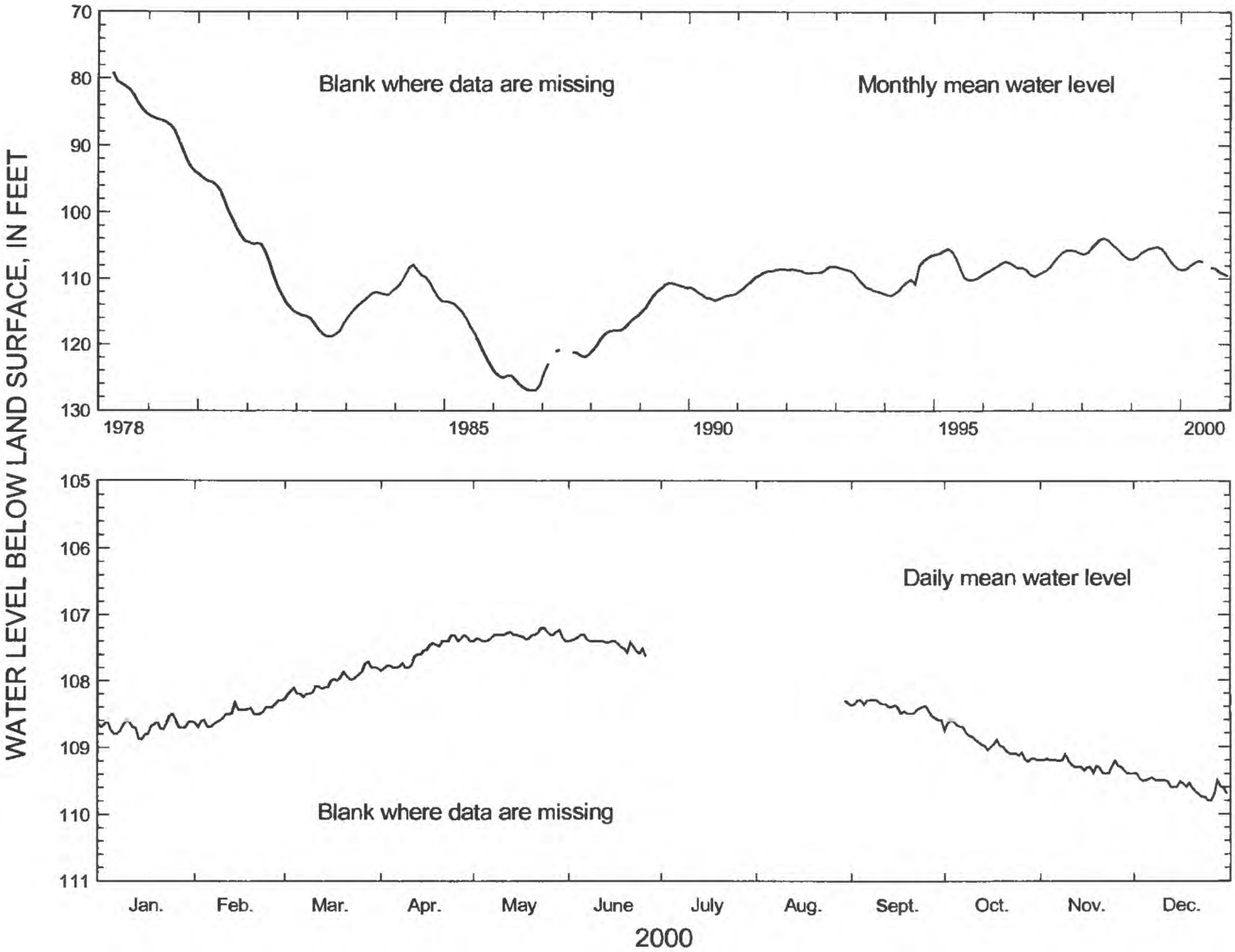


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	43.10	43.09	40.95	38.31	43.78	46.71	47.24	------	45.54	46.07	45.20	43.60
MEAN	44.36	43.54	43.06	42.60	45.81	47.60	48.58	------	46.71	46.79	46.33	45.80
LOW	45.17	44.12	43.84	43.81	47.29	48.51	49.89	------	49.35	47.56	47.70	46.34

SUMMARY FOR 2000 HIGH 38.31 (Apr. 1, 2000) MEAN 45.71 LOW 49.89 (July 20, 2000)

IDENTIFICATION NUMBER. 13L013.

COUNTY.—Dougherty
LOCATION.—Lat 31°31′05″, long 84°06′42″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 7.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Clayton.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 882 ft, cased to 716 ft, open hole.
DATUM.—Altitude of land-surface datum is 195 ft.
REMARKS.—Water-level data for period, June 27 to August 29, 2000, are missing.
PERIOD OF RECORD.—April 1978 to current year. Continuous record since July 1978.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 79.01 ft below land-surface datum, May 2, 1978; lowest, 127.24 ft below land-surface datum, September 29, 1986.

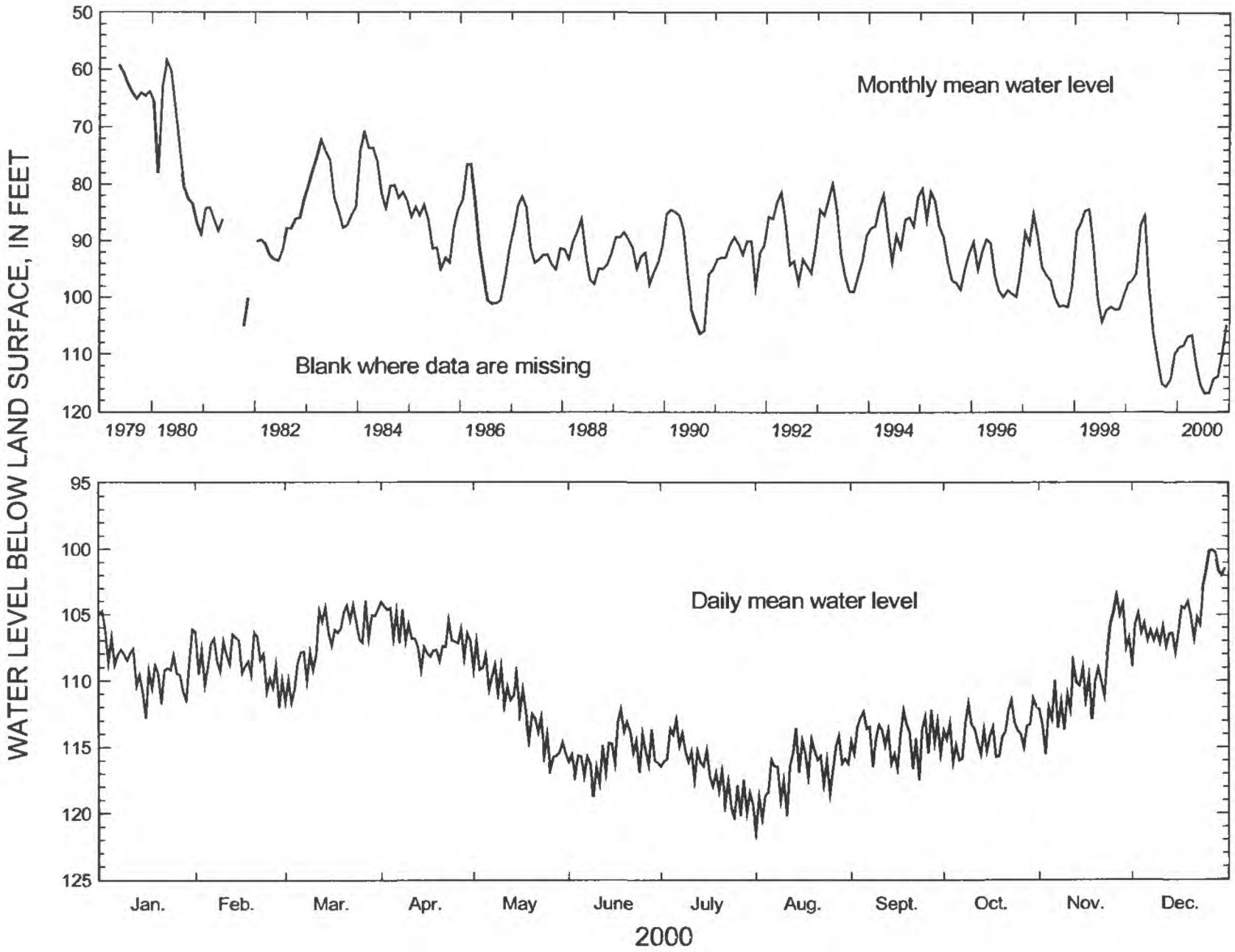


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	108.50	108.30	107.71	107.30	107.20	107.30	------	------	108.30	108.60	109.11	109.40
MEAN	108.69	108.50	108.02	107.57	107.31	107.44	------	------	108.42	108.95	109.28	109.58
LOW	108.88	108.70	108.28	107.85	107.40	107.63	------	------	108.60	109.22	109.40	109.80

SUMMARY FOR 2000 HIGH 107.20 (May 23-24, 2000) MEAN ------ LOW 109.80 (Dec. 25-26, 2000)

IDENTIFICATION NUMBER. 13L015.

COUNTY.—Dougherty
LOCATION.—Lat 31°36′25″, long 84°04′15″, Hydrologic Unit 03130006.
SITE NAME.—Miller Brewing Company.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Claiborne.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 351 ft, screen from 268 to 288 ft, 302 to 313 ft, and 343 to 350 ft.
DATUM.—Altitude of land-surface datum is 200 ft.
REMARKS.—None.
PERIOD OF RECORD.—May 1979 to current year. Continuous record since May 1979.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 58.02 ft below land-surface datum, May 1-2, 1980; lowest, 121.31 ft below land-surface datum, August 1, 2000.

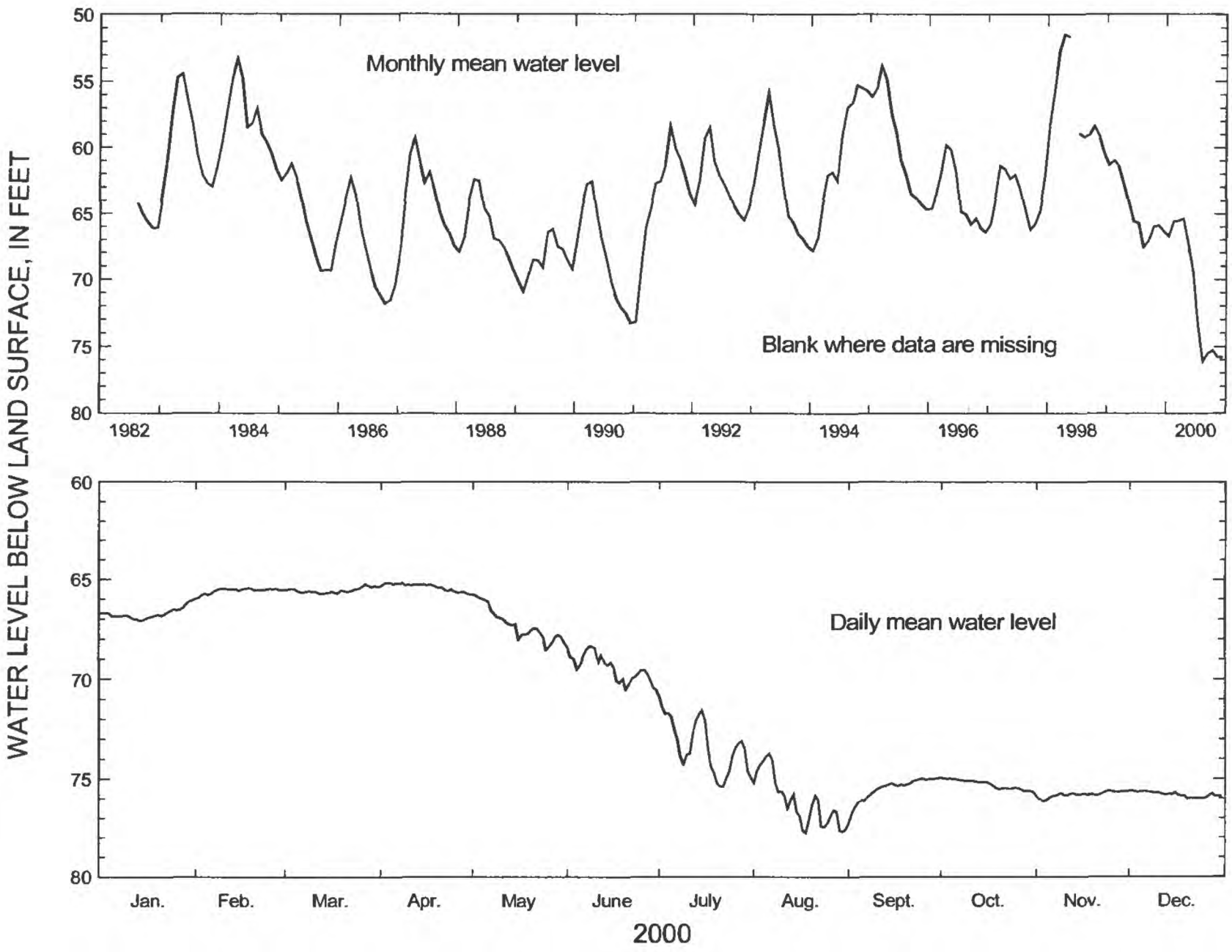


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	104.72	106.29	103.95	104.04	107.00	112.14	112.88	113.56	112.20	111.32	103.56	100.05
MEAN	108.82	108.51	106.93	106.71	111.97	115.47	116.83	116.77	114.33	113.94	109.88	104.88
LOW	112.82	112.02	111.64	109.25	116.71	118.78	120.22	121.31	117.49	116.19	115.57	108.96

SUMMARY FOR 2000 HIGH 100.05 (Dec. 27, 2000) MEAN 111.26 LOW 121.31 (Aug. 1, 2000)

IDENTIFICATION NUMBER. 13L048.

COUNTY.—Dougherty
LOCATION.—Lat 31°30′31″, long 84°00′59″, Hydrologic Unit 03130008.
SITE NAME.—U.S. Geological Survey, test well 17.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 344 ft, cased to 51 ft, open hole.
DATUM.—Altitude of land-surface datum is 245 ft.
REMARKS.—None.
PERIOD OF RECORD.—August 1982 to current year. Continuous record since August 1982.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 51.10 ft below land-surface datum, April 22, 1998; lowest, 77.76 ft below land-surface datum, August 18, 2000.

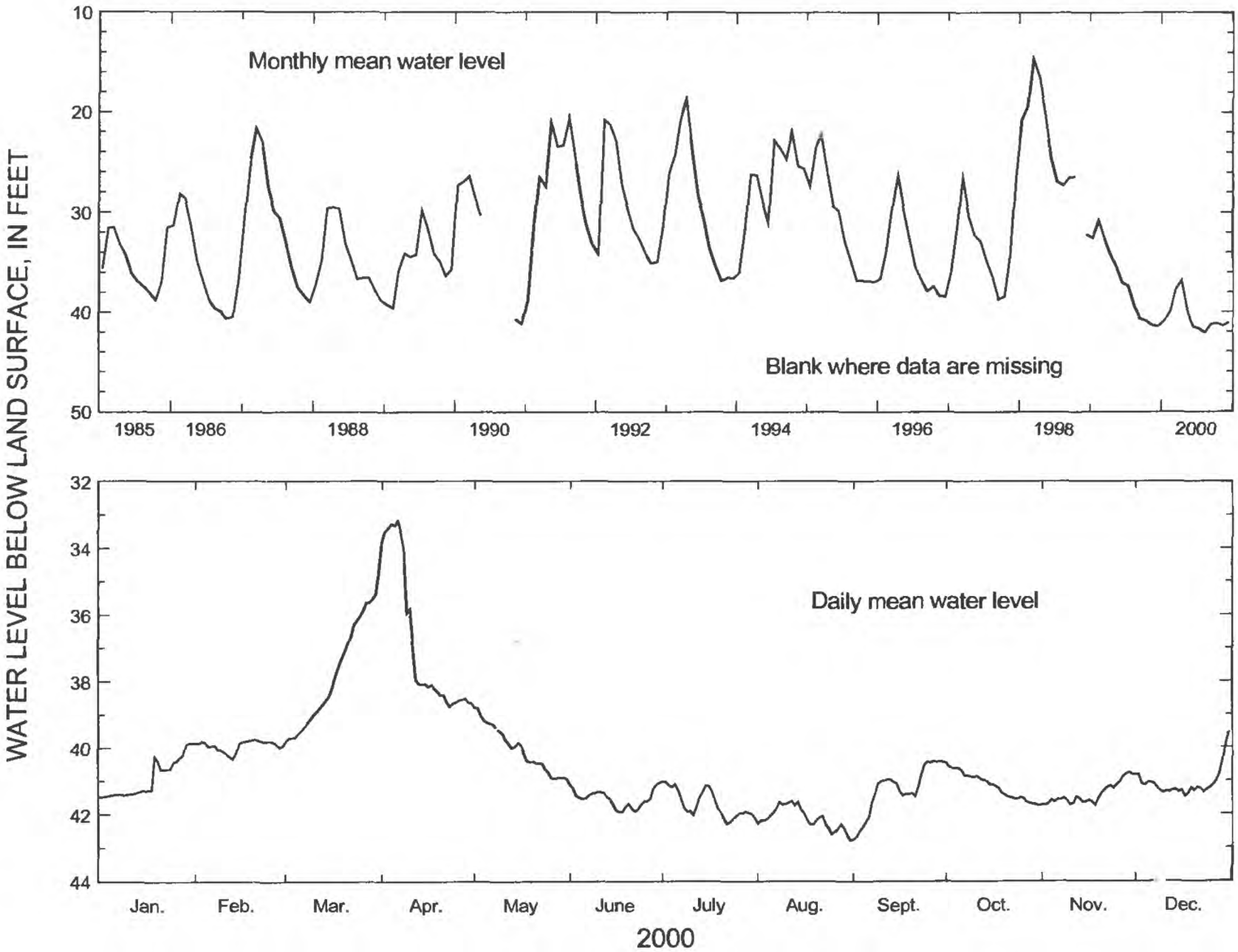


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	66.05	65.44	65.22	65.13	65.77	68.37	70.88	73.73	74.97	74.96	75.60	75.60
MEAN	66.73	65.57	65.55	65.37	67.26	69.44	73.35	76.14	75.53	75.29	75.81	75.81
LOW	67.08	65.98	65.72	65.76	68.54	70.54	75.42	77.76	77.25	75.68	76.11	76.03

SUMMARY FOR 2000 HIGH 65.13 (Apr. 3, 2000) MEAN 71.01 LOW 77.76 (Aug. 18, 2000)

IDENTIFICATION NUMBER. 13L049.

COUNTY.—Dougherty
LOCATION.—Lat 31°35′21″, long 84°05′10″, Hydrologic Unit 03130006.
SITE NAME.—Miller Ammo Supply.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 170 ft, cased to 103 ft, open hole.
DATUM.—Altitude of land-surface datum is 204 ft.
REMARKS.—Water levels may be affected by stage in the nearby Flint River.
PERIOD OF RECORD.—January 1985 to current year. Continuous record since January 1985.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 12.54 ft below land-surface datum, March 15, 1998; lowest, 42.78 ft below land-surface datum, August 31, 2000.

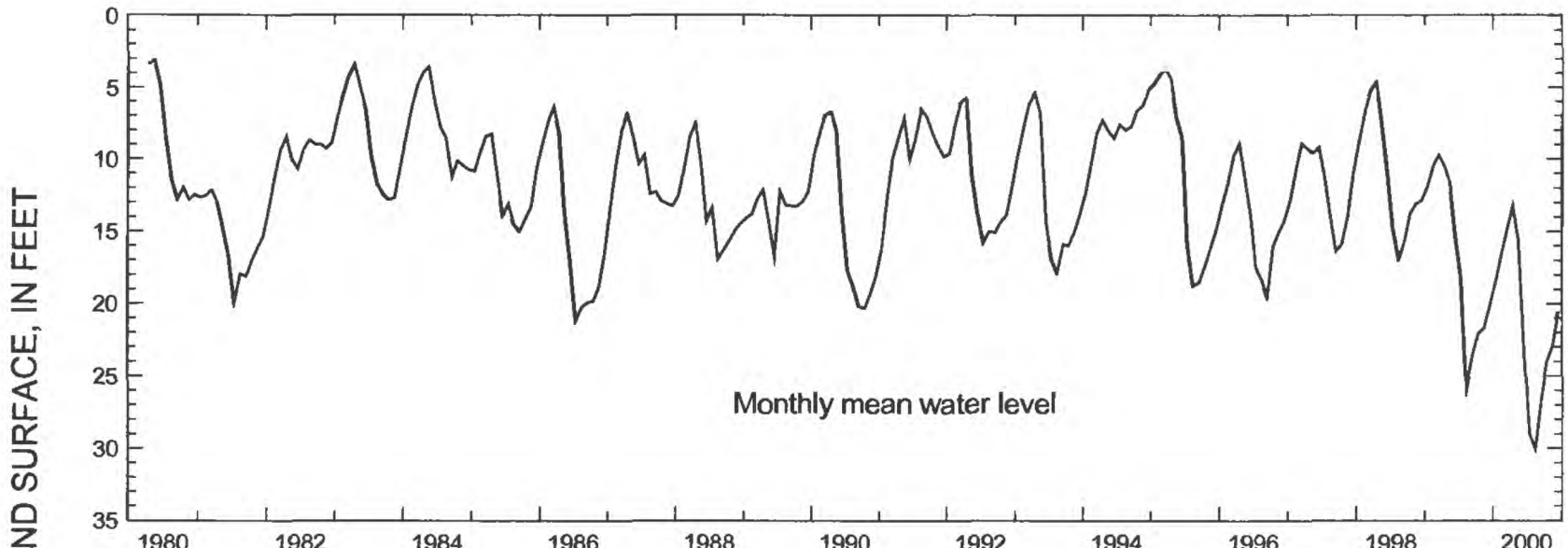


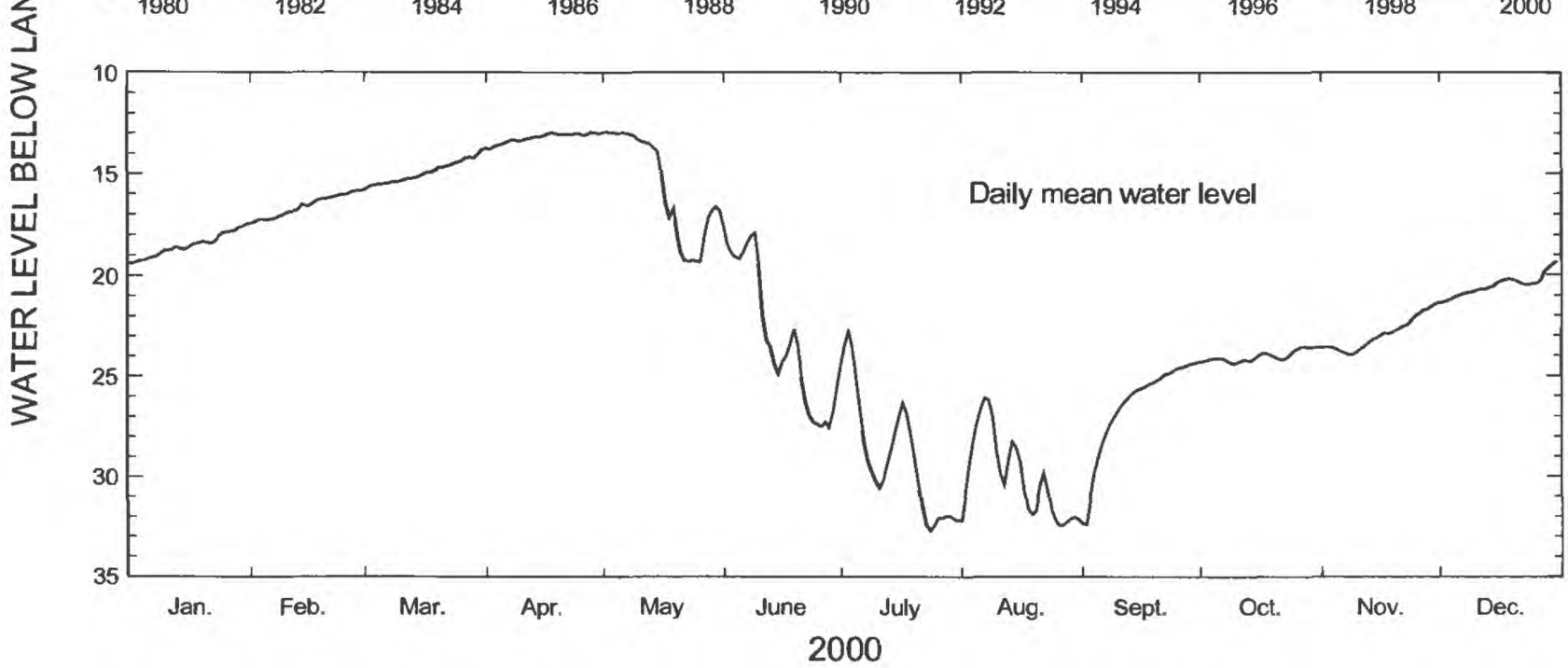
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	39.86	39.74	34.76	33.18	38.78	41.06	41.01	41.60	40.41	40.45	40.75	39.53
MEAN	40.94	39.93	37.78	36.87	40.03	41.53	41.69	42.12	41.27	41.15	41.41	41.07
LOW	41.47	40.34	39.80	38.74	40.94	41.92	42.29	42.78	42.74	41.74	41.73	41.47

SUMMARY FOR 2000 HIGH 33.18 (Apr. 6, 2000) MEAN 40.49 LOW 42.78 (Aug. 31, 2000)

IDENTIFICATION NUMBER. 13M005.

COUNTY.—Worth
LOCATION.—Lat 31°43′30″, long 84°00′54″, Hydrologic Unit 03130006.
SITE NAME.—U.S. Geological Survey, test well DP-7.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Claiborne.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 345 ft, cased to 330 ft, screen from 330 to 345 ft.
DATUM.—Altitude of land-surface datum is 230 ft.
REMARKS.—None.
PERIOD OF RECORD.—April 1980 to current year. Continuous record since April 1980.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 2.89 ft below land-surface datum, May 29, 1980; lowest, 32.72 ft below land-surface datum, July 24, 2000.



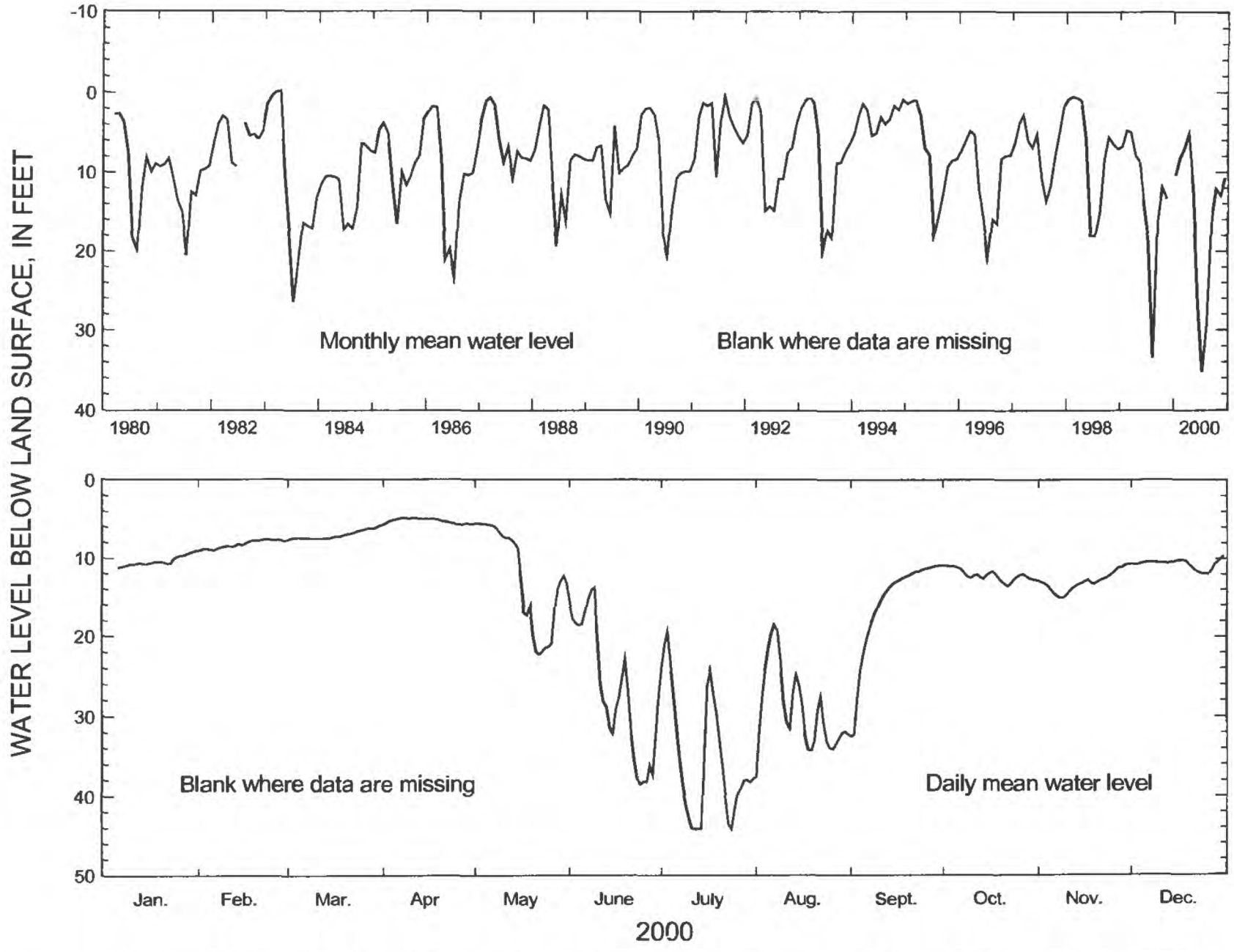


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	17.47	15.84	13.80	12.94	12.93	17.70	22.76	26.11	24.36	23.59	21.46	19.33
MEAN	18.53	16.60	14.93	13.22	15.57	23.00	29.01	30.08	26.56	24.05	22.98	20.54
LOW	19.40	17.43	15.78	13.77	19.34	27.55	32.72	32.46	32.40	24.42	23.98	21.39

SUMMARY FOR 2000 HIGH 12.93 (May 2, 2000) MEAN 21.28 LOW 32.72 (July 24, 2000)

IDENTIFICATION NUMBER. 13M006.

COUNTY.—Worth
LOCATION.—Lat 31°43′30″, long 84°00′51″, Hydrologic Unit 03130006.
SITE NAME.—U.S. Geological Survey, test well DP-8.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 123 ft, cased to 63 ft, open hole.
DATUM.—Altitude of land-surface datum is 237 ft.
REMARKS.—Water-level data for period, January 1-5, 2000, are missing.
PERIOD OF RECORD.—March 1980 to current year. Continuous record since March 1980.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 0.49 ft above land-surface datum, April 2, 1983; lowest, 44.18 ft below land-surface datum, July 24, 2000.

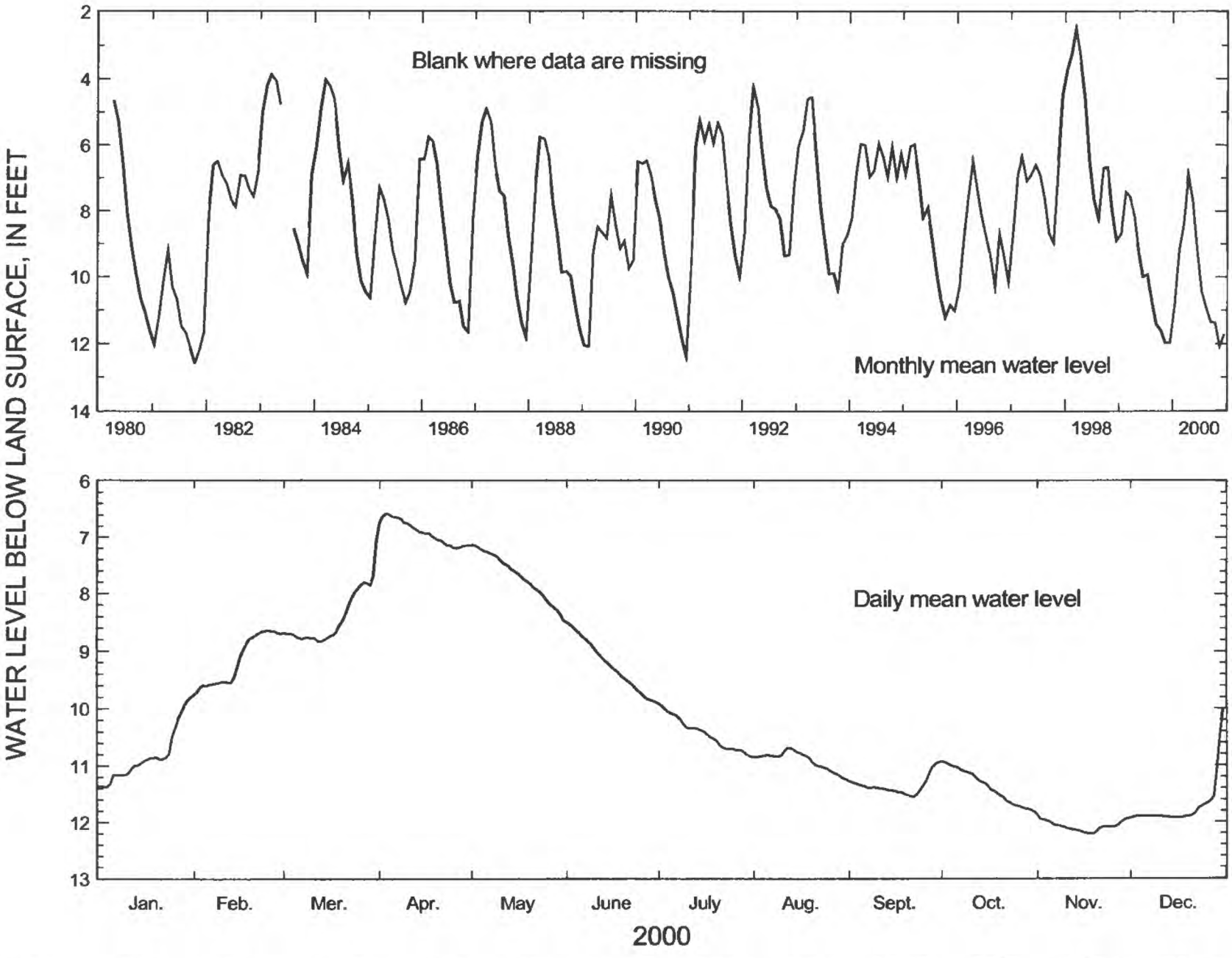


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	9.13	7.60	5.80	4.80	5.54	13.76	19.27	18.51	10.90	10.89	10.65	9.61
MEAN	10.40	8.23	7.03	5.21	12.28	26.67	35.26	29.18	15.88	12.11	12.99	10.69
LOW	11.24	9.06	7.67	5.73	22.26	38.46	44.18	37.53	32.48	13.55	15.06	11.93

SUMMARY FOR 2000 HIGH 4.80 (Apr. 8, 2000) MEAN 15.61 LOW 44.18 (July 24, 2000)

IDENTIFICATION NUMBER. 13M007.

COUNTY.—Worth
LOCATION.—Lat 31°43′30″, long 84°00′54″, Hydrologic Unit 03130006.
SITE NAME.—U.S. Geological Survey, test well DP-9.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Surficial (residuum).
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 25 ft, cased to 10 ft, open hole.
DATUM.—Altitude of land-surface datum is 230 ft.
REMARKS.—None.
PERIOD OF RECORD.—April 1980 to current year. Continuous record since April 1980.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 0.99 ft below land-surface datum, March 9, 1998; lowest, 13.03 ft below land-surface datum, October 22, 1981.

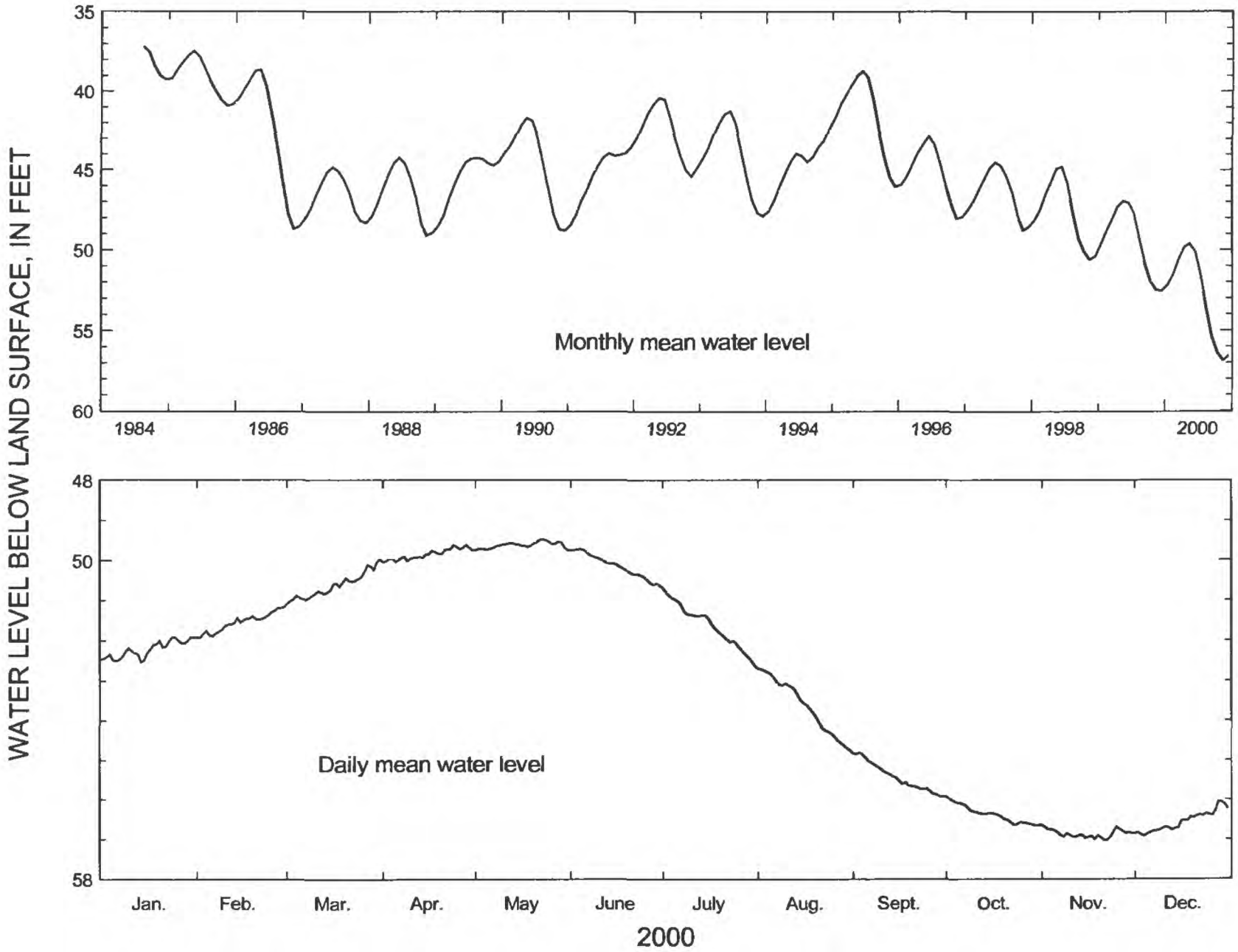


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	9.80	8.64	7.06	6.58	7.14	8.49	9.91	10.69	10.94	10.93	11.88	10.00
MEAN	10.84	9.17	8.42	6.91	7.69	9.23	10.43	10.91	11.36	11.37	12.08	11.72
LOW	11.37	9.76	8.83	7.20	8.46	9.88	10.84	11.24	11.55	11.82	12.21	11.93

SUMMARY FOR 2000 HIGH 6.58 (Apr. 3, 2000) MEAN 10.02 LOW 12.21 (Nov. 18-19, 2000)

IDENTIFICATION NUMBER. 14P014.

COUNTY.—Crisp
LOCATION.—Lat 31°57′31″, long 83°54′23″, Hydrologic Unit 03130006.
SITE NAME.—Georgia Geologic Survey, Veteran's Memorial State Park, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Clayton.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 550 ft, cased to 500 ft, open hole.
DATUM.—Altitude of land-surface datum is 252 ft.
REMARKS.—None.
PERIOD OF RECORD.—August 1984 to current year. Continuous record since August 1984.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 37.16 ft below land-surface datum, September 2, 1984; lowest, 57.02 ft below land-surface datum, November 21-22, 2000.

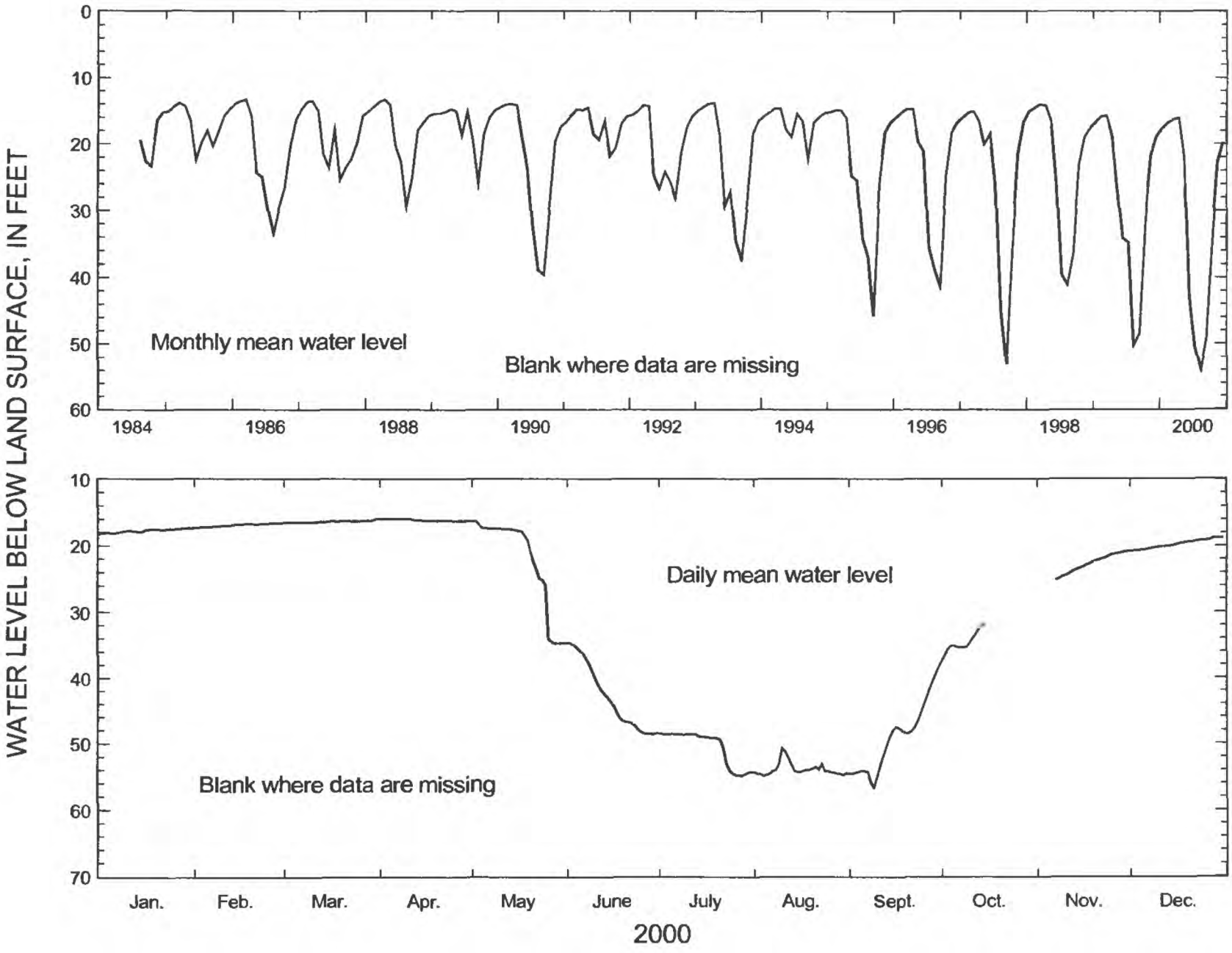


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	51.91	51.16	49.96	49.61	49.47	49.72	50.68	52.68	54.80	55.92	56.64	56.05
MEAN	52.21	51.54	50.62	49.84	49.61	50.13	51.60	53.62	55.41	56.36	56.86	56.57
LOW	52.53	51.92	51.08	50.04	49.74	50.61	52.61	54.74	55.92	56.65	57.02	56.92

SUMMARY FOR 2000 HIGH 49.47 (May 23, 2000) MEAN 52.87 LOW 57.02 (Nov. 21-22, 2000)

IDENTIFICATION NUMBER. 14P015.

COUNTY.—Crisp
LOCATION.—Lat 31°57′31″, long 83°54′23″, Hydrologic Unit 03130006.
SITE NAME.—Georgia Geologic Survey, Veteran's Memorial State Park, test well 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.— Claiborne.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 340 ft, cased to 240 ft, screen from 240 to 340 ft.
DATUM.—Altitude of land-surface datum is 252 ft.
REMARKS.—Water-level data for period, October 16 to November 6, 2000, are missing.
PERIOD OF RECORD.—August 1984 to current year. Continuous record since August 1984.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 11.13 ft below land-surface datum, July 10, 1994; lowest, 56.63 ft below land-surface datum, September 9, 2000.

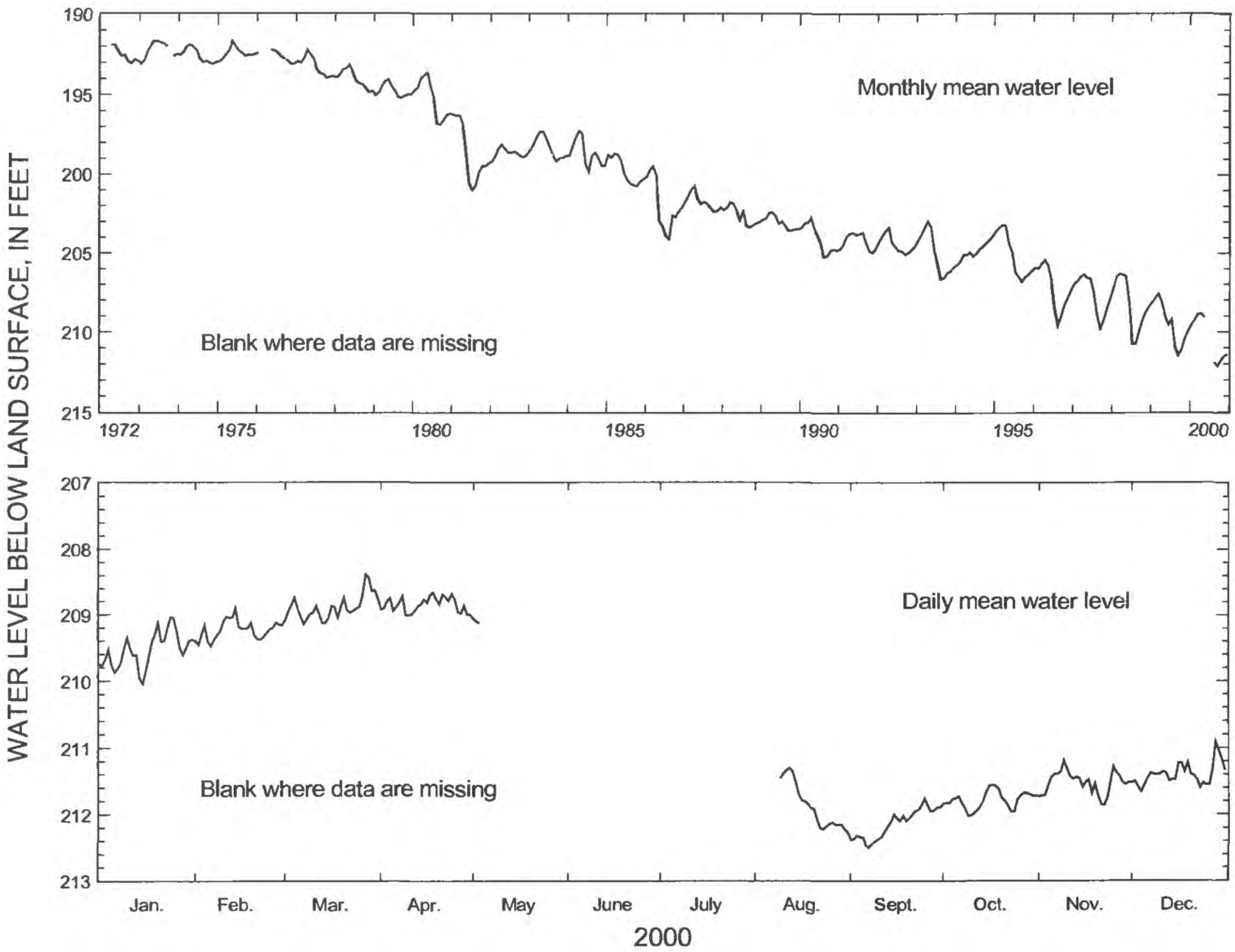


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	17.32	16.51	15.86	15.90	16.22	34.70	48.51	50.78	38.26	------	------	18.77
MEAN	17.70	16.85	16.31	16.10	21.99	42.89	50.51	53.92	49.21	------	------	19.78
LOW	18.21	17.30	16.48	16.22	34.80	48.64	54.90	54.91	56.63	------	------	20.81

SUMMARY FOR 2000 HIGH 15.86 (Mar. 31, 2000) MEAN 30.19 LOW 56.63 (Sept. 9, 2000)

IDENTIFICATION NUMBER. 15L020.

COUNTY.—Worth
LOCATION.—Lat 31°31′46″, long 83°49′16″, Hydrologic Unit 03110204.
SITE NAME.—City of Sylvester.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled unused municipal well, diameter 18 in., depth 450 ft, cased to 212 ft, open hole.
DATUM.—Altitude of land-surface datum is 420 ft.
REMARKS.—Water-level data for period, May 4 to August 8, 2000, are missing.
PERIOD OF RECORD.—April 1972 to current year. Continuous record since April 1972.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 191.50 ft below land-surface datum, May 17, 1973; lowest, 212.50 ft below land-surface datum, September 7, 2000.

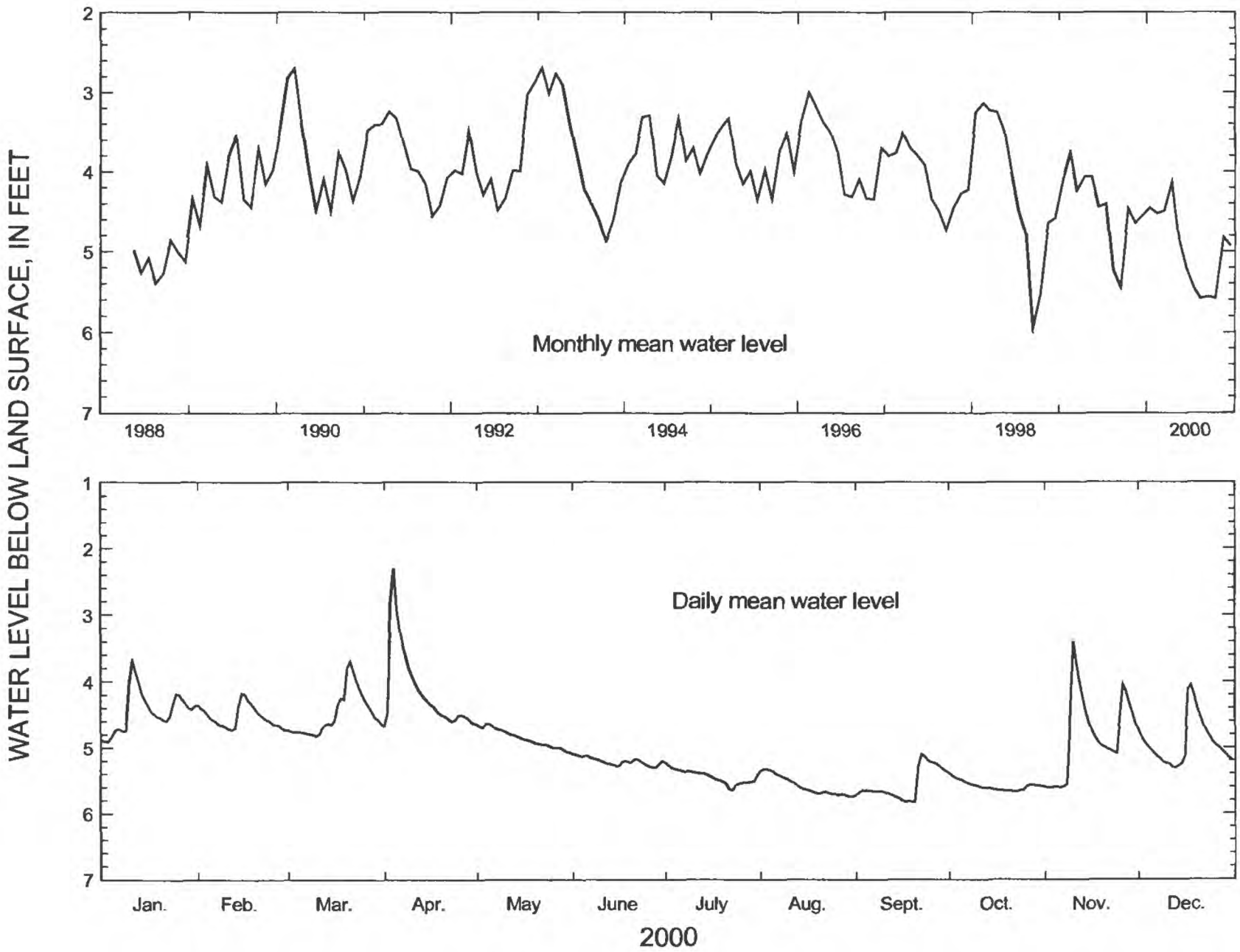


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	209.04	208.90	208.38	208.66	------	------	------	------	211.76	211.56	211.19	210.91
MEAN	209.54	209.23	208.89	208.85	------	------	------	------	212.14	211.79	211.53	211.40
LOW	210.04	209.48	209.14	209.01	------	------	------	------	212.50	212.02	211.86	211.66

SUMMARY FOR 2000 HIGH 208.38 (Mar. 27, 2000) MEAN ------ LOW 212.50 (Sept. 7, 2000)

IDENTIFICATION NUMBER. 16MM03.

COUNTY.—White
LOCATION.—Lat 34°43′14″, long 83°43′32″, Hydrologic Unit 03130001.
SITE NAME.—Unicoi State Park, well 4.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Crystalline rock.
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 6.25 in., depth 400 ft, cased to 72 ft, open hole.
DATUM.—Altitude of land-surface datum is 1550 ft.
REMARKS.—None.
PERIOD OF RECORD.—May 1988 to current year. Continuous record since May 1988.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 0.58 ft above land-surface datum, January 8, 1998; lowest, 6.49 ft below land-surface datum, September 28, 1998.

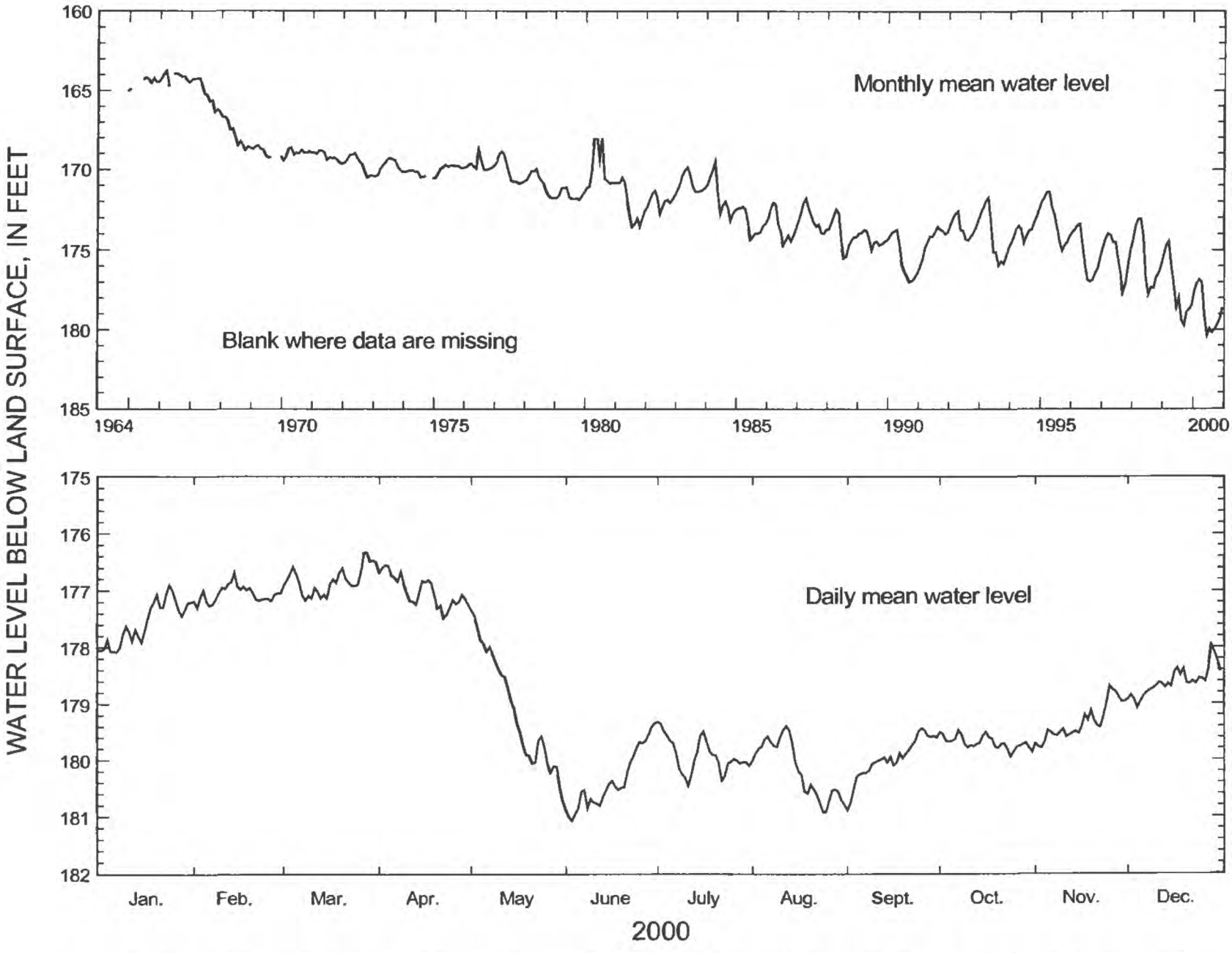


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	3.69	4.17	3.69	2.30	4.64	5.09	5.23	5.33	5.10	5.39	3.37	4.05
MEAN	4.45	4.52	4.49	4.13	4.85	5.21	5.44	5.58	5.56	5.58	4.82	4.93
LOW	4.91	4.73	4.82	4.67	5.07	5.30	5.65	5.74	5.82	5.67	5.61	5.31

SUMMARY FOR 2000 HIGH 2.30 (Apr. 4, 2000) MEAN 4.97 LOW 5.82 (Sept. 17, 19-20, 2000)

IDENTIFICATION NUMBER. 18H016.

COUNTY.—Cook
LOCATION.—Lat 31°08′13″, long 83°26′03″, Hydrologic Unit 03110203.
SITE NAME.—U.S. Geological Survey, Adel test well.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 8 in., depth 865 ft, cased to 207 ft, open hole.
DATUM.—Altitude of land-surface datum is 241 ft.
REMARKS.—None.
PERIOD OF RECORD.—December 1964 to current year. Continuous record since June 1965.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 163.34 ft below land-surface datum, July 5, 1966; lowest, 181.07 ft below land-surface datum, June 3, 2000.

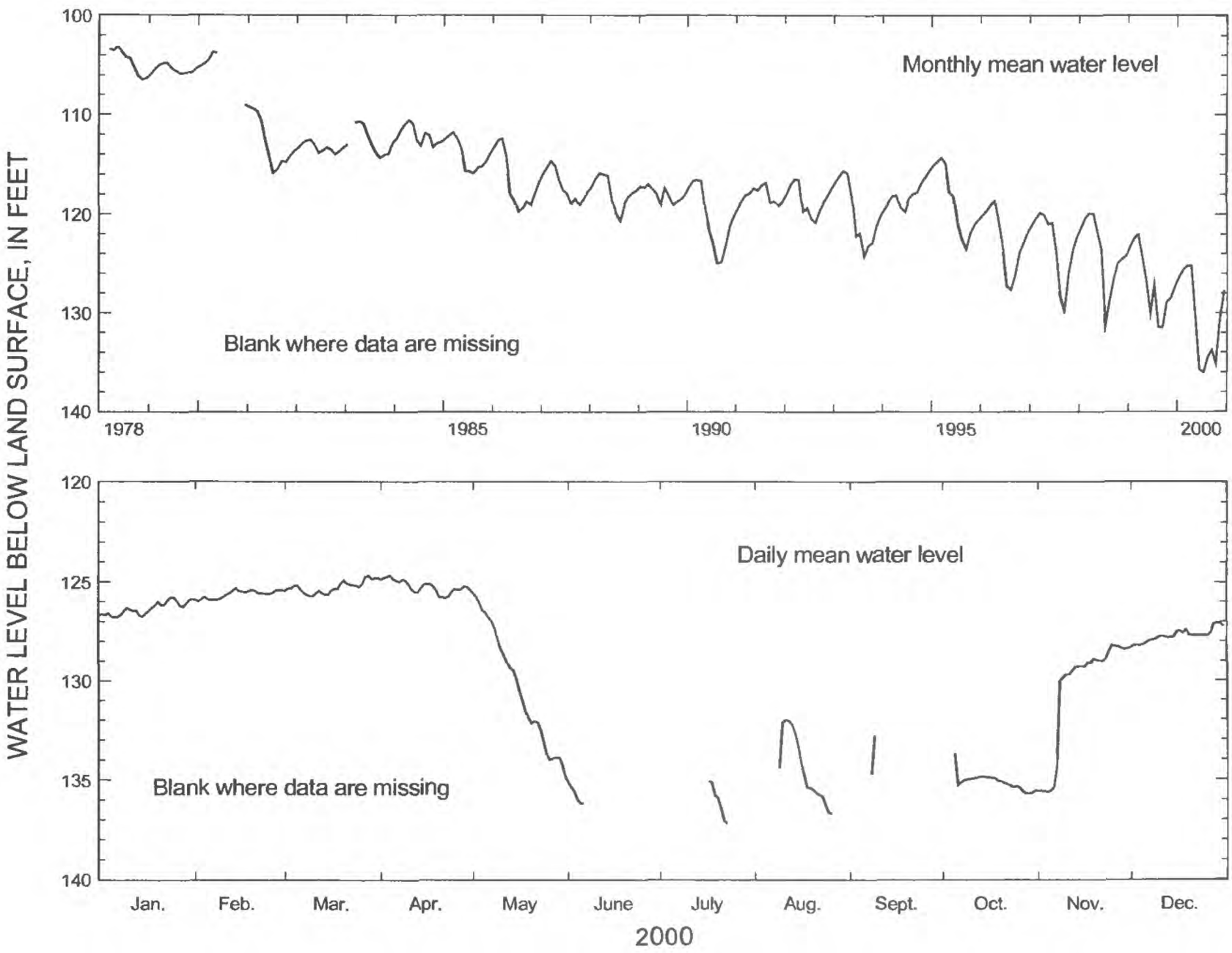


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	176.90	176.68	176.33	176.55	177.35	179.34	179.32	179.39	179.43	179.46	178.69	177.97
MEAN	177.57	177.06	176.82	177.01	179.10	180.37	179.92	180.17	179.97	179.70	179.34	178.62
LOW	178.08	177.30	177.17	177.48	180.72	181.07	180.46	180.92	180.89	179.94	179.79	179.08

SUMMARY FOR 2000 HIGH 176.33 (Mar. 28, 2000) MEAN 178.81 LOW 181.07 (June 3, 2000)

IDENTIFICATION NUMBER. 18K049.

COUNTY.—Tift
LOCATION.—Lat 31°27′12″, long 82°59′33″, Hydrologic Unit 03110203.
SITE NAME.—U.S. Geological Survey, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 620 ft, cased to 270 ft, open hole.
DATUM.—Altitude of land-surface datum is 330 ft.
REMARKS.—Water-level data for periods, June 7 to July 16, July 24 to August 8, August 27 to September 7, and September 10 to October 4, 2000, are missing.
PERIOD OF RECORD.—March 1978 to current year. Continuous record since March 1978.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 102.70 ft below land-surface datum, May 14, 1978; lowest, 137.20 ft below land-surface datum, July 23, 2000, but may have been lower during period of missing record.

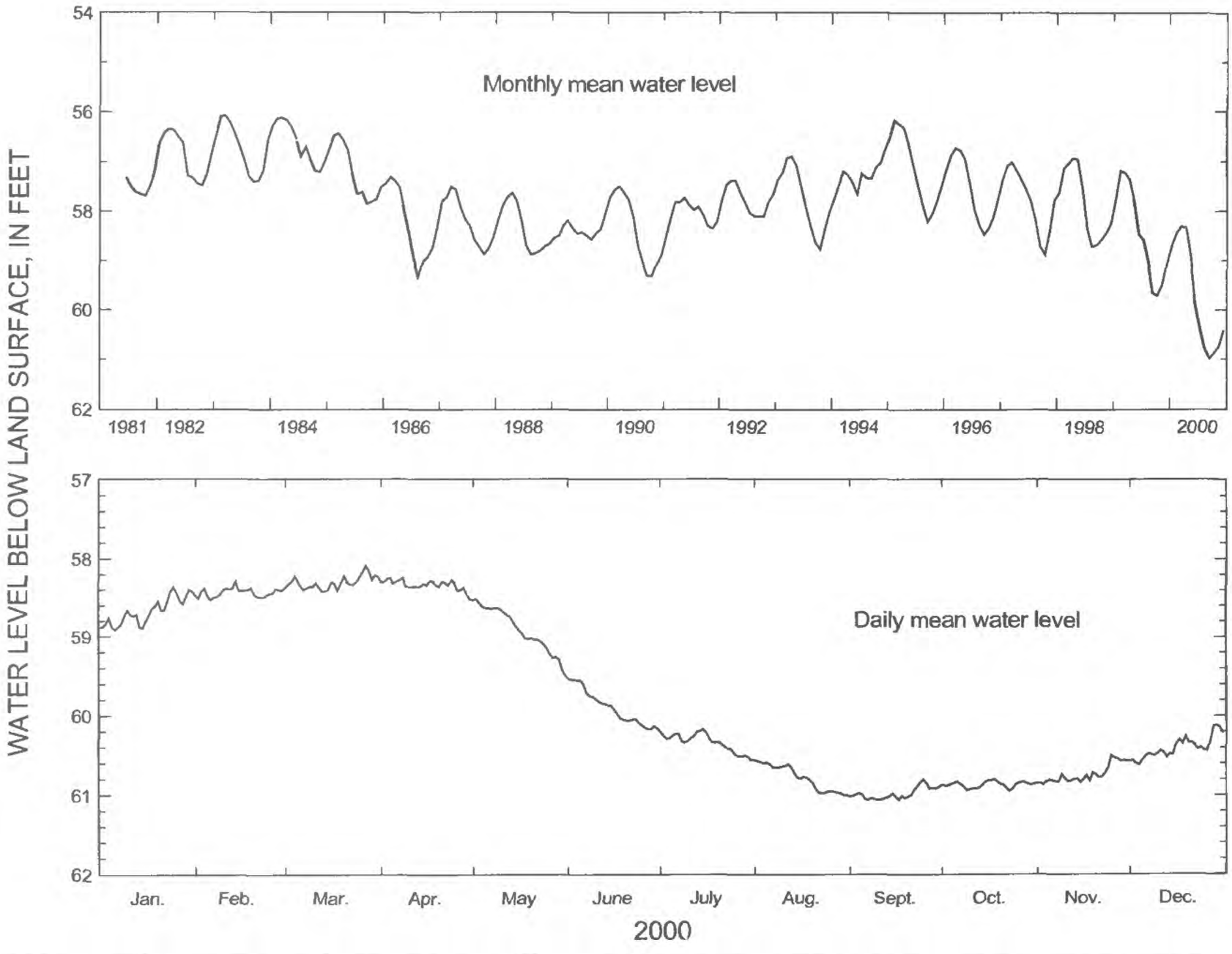


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	125.78	125.30	124.67	124.67	125.56	------	------	------	------	133.70	128.22	127.07
MEAN	126.35	125.62	125.25	125.23	130.31	------	------	------	------	135.14	130.51	127.74
LOW	126.79	125.99	125.70	125.80	134.80	------	------	------	------	135.70	135.63	128.32

SUMMARY FOR 2000 HIGH 124.67 (Mar. 28, Apr. 4 , 2000) MEAN ------ LOW 137.20 (July 23, 2000)

IDENTIFICATION NUMBER. 18T001.

COUNTY.—Pulaski
LOCATION.—Lat 32°22′45″, long 83°29′01″, Hydrologic Unit 03070104.
SITE NAME.—U.S. Geological Survey, Arrowhead test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Midville aquifer system.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 1,555 ft, cased to 970 ft, screened intervals, 970-980 ft, 1,110-1,130 ft, and 1,270-1,280 ft.
DATUM.—Altitude of land-surface datum is 334 ft.
REMARKS.—None.
PERIOD OF RECORD.— June 1981 to current year. Continuous record since June 1981.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 53.90 ft below land-surface datum, July 9, 1994; lowest, 61.06 ft below land-surface datum, September 17, 2000.

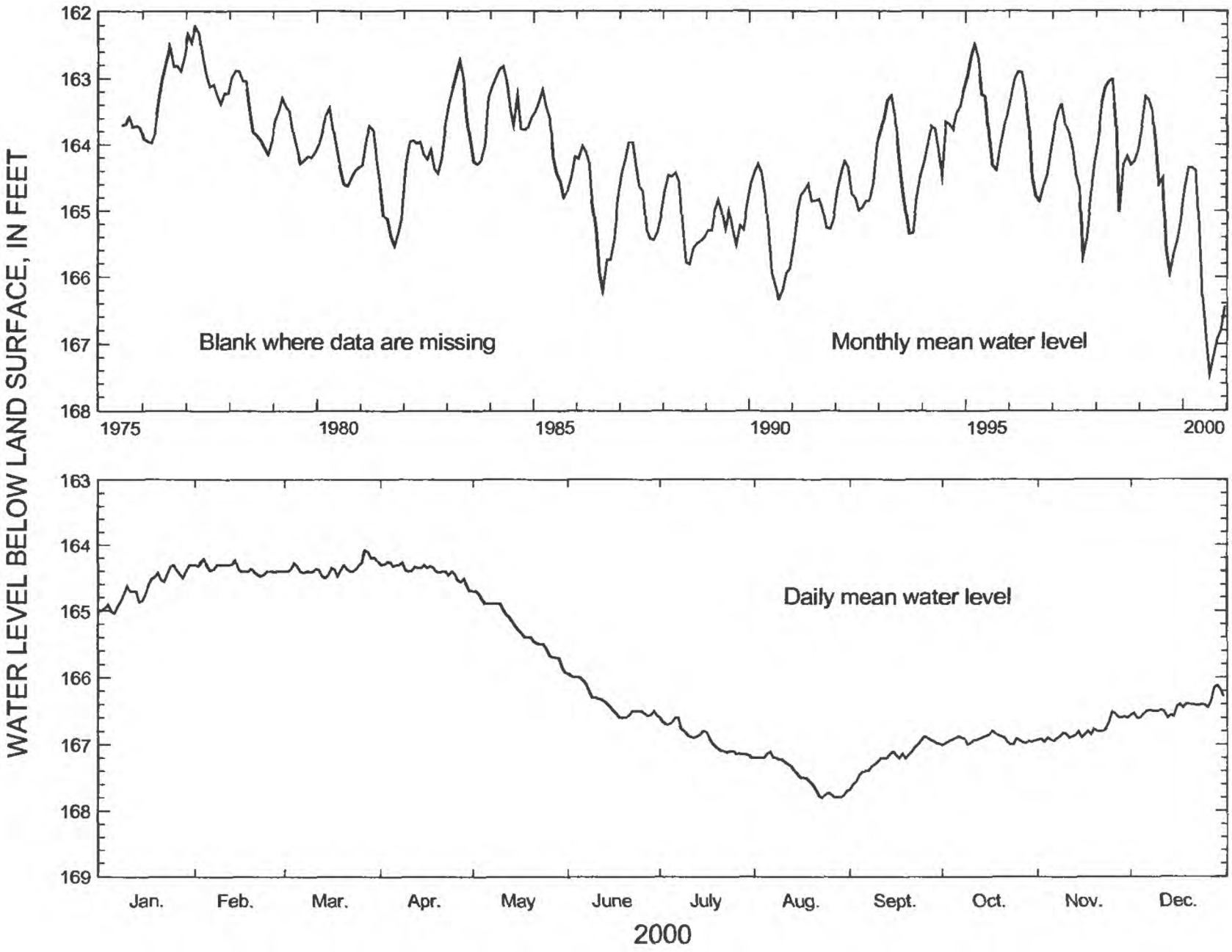


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	58.36	58.29	58.09	58.24	58.52	59.53	60.17	60.56	60.80	60.80	60.50	60.12
MEAN	58.68	58.43	58.31	58.33	58.91	59.89	60.34	60.78	60.98	60.87	60.74	60.41
LOW	58.91	58.53	58.42	58.52	59.49	60.17	60.56	61.00	61.06	60.95	60.87	60.62

SUMMARY FOR 2000 HIGH 58.09 (Mar. 27, 2000) MEAN 59.73 LOW 61.06 (Sept. 7, 10-11, and 17, 2000)

IDENTIFICATION NUMBER. 18U001.

COUNTY.—Twiggs
LOCATION.—Lat 32°33′02″, long 83°26′34″, Hydrologic Unit 03070104.
SITE NAME.—Georgia Kraft, U.S. Geological Survey, test well 3.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Dublin aquifer system.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 616 ft, cased to 586 ft, screen from 586 to 616 ft.
DATUM.—Altitude of land-surface datum is 442 ft.
REMARKS.—None.
PERIOD OF RECORD.—July 1975 to current year. Continuous record since July 1975.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 162.00 ft below land-surface datum, April 4, 1977; lowest, 167.80 ft below land-surface datum, August 27-29, 2000.

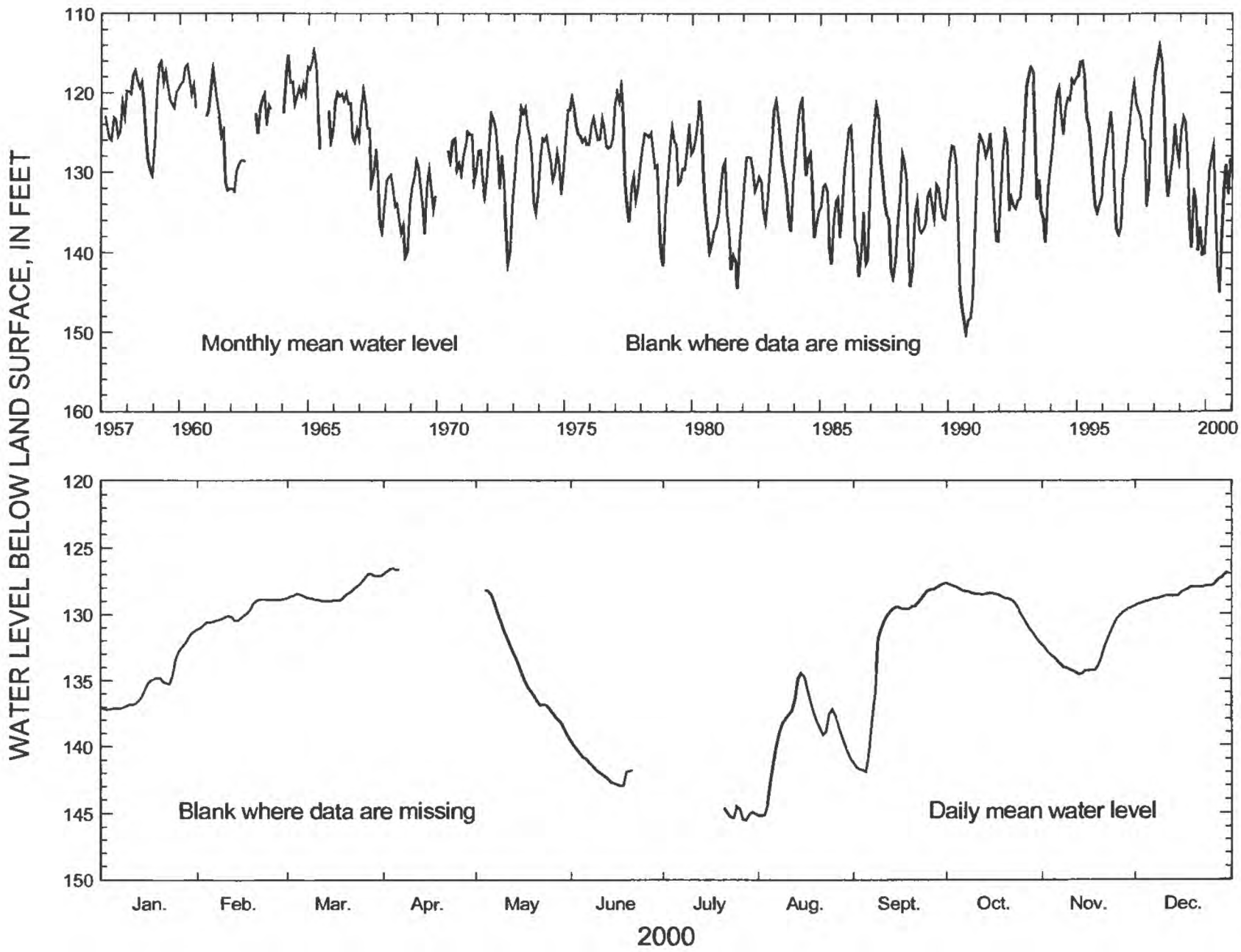


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	164.30	164.21	164.08	164.26	164.70	165.94	166.60	167.11	166.88	166.80	166.51	166.12
MEAN	164.65	164.35	164.35	164.39	165.25	166.36	166.92	167.47	167.19	166.93	166.80	166.44
LOW	165.04	164.47	164.50	164.70	165.92	166.60	167.20	167.80	167.68	167.01	166.96	166.60

SUMMARY FOR 2000 HIGH 164.08 (Mar. 27, 2000) MEAN 165.93 LOW 167.80 (Aug. 23 and 27-29, 2000)

IDENTIFICATION NUMBER. 19E009.

COUNTY.—Lowndes
LOCATION.—Lat 30°49′51″, long 83°16′58″, Hydrologic Unit 03110202.
SITE NAME.—City of Valdosta.
INSTRUMENTATION.—Electronic data recorder with GOES Satellite transmitter.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled unused municipal supply well, diameter 20 in., depth 342 ft, cased to 200 ft, open hole.
DATUM.—Altitude of land-surface datum is 217 ft.
REMARKS.—Water-level data for periods April 7 to May 3 and June 22 to July 20, 2000, are missing.
PERIOD OF RECORD.—February 1957 to current year. Continuous record since February 1957.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 112.69 ft below land-surface datum, March 9, 1964; lowest, 151.79 ft below land-surface datum, September 19, 1990.

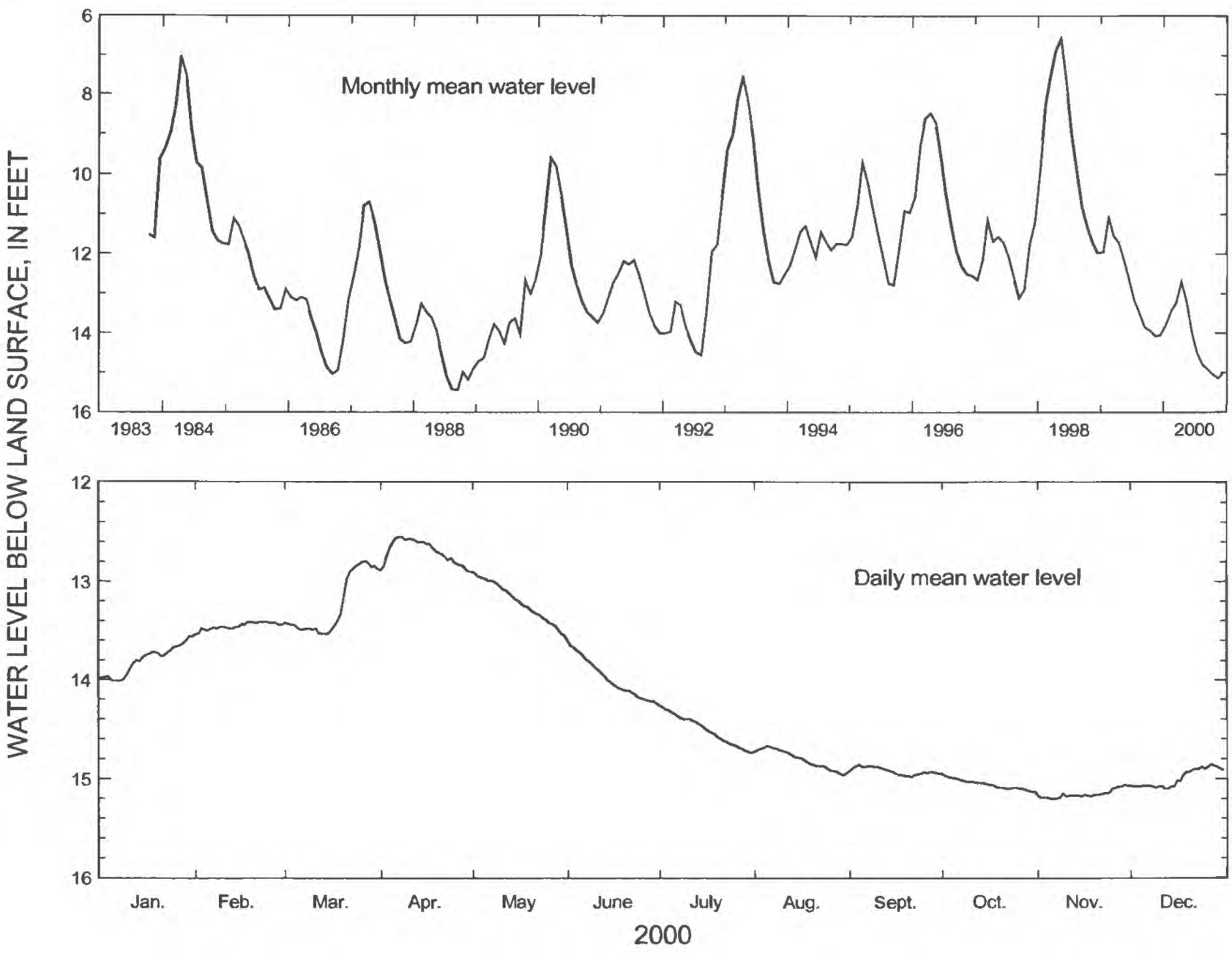


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	131.27	128.82	126.95	------	128.16	------	------	134.49	127.74	127.65	129.50	126.88
MEAN	135.26	129.83	128.32	------	134.28	------	------	139.04	132.21	129.04	132.75	128.33
LOW	137.20	131.12	129.00	------	139.20	------	------	145.19	141.93	132.14	134.61	129.39

SUMMARY FOR 2000 HIGH 126.53 (Apr. 4, 2000) MEAN ------ LOW 145.52 (July 28, 2000)

IDENTIFICATION NUMBER. 19HH12.

COUNTY.—Madison
LOCATION.—Lat 34°10′20″, long 83°20′17″, Hydrologic Unit 03060104.
SITE NAME.—Meadowlake Estates.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Crystalline rock.
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 6 in., depth 185 ft, cased to 50 ft, open hole.
DATUM.—Altitude of land-surface datum is 800 ft.
REMARKS.—None.
PERIOD OF RECORD.—October 1983 to current year. Continuous record since October 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 6.16 ft below land-surface datum, May 11, 1998; lowest, 15.56 ft below land-surface datum, September 2-3, 1988.

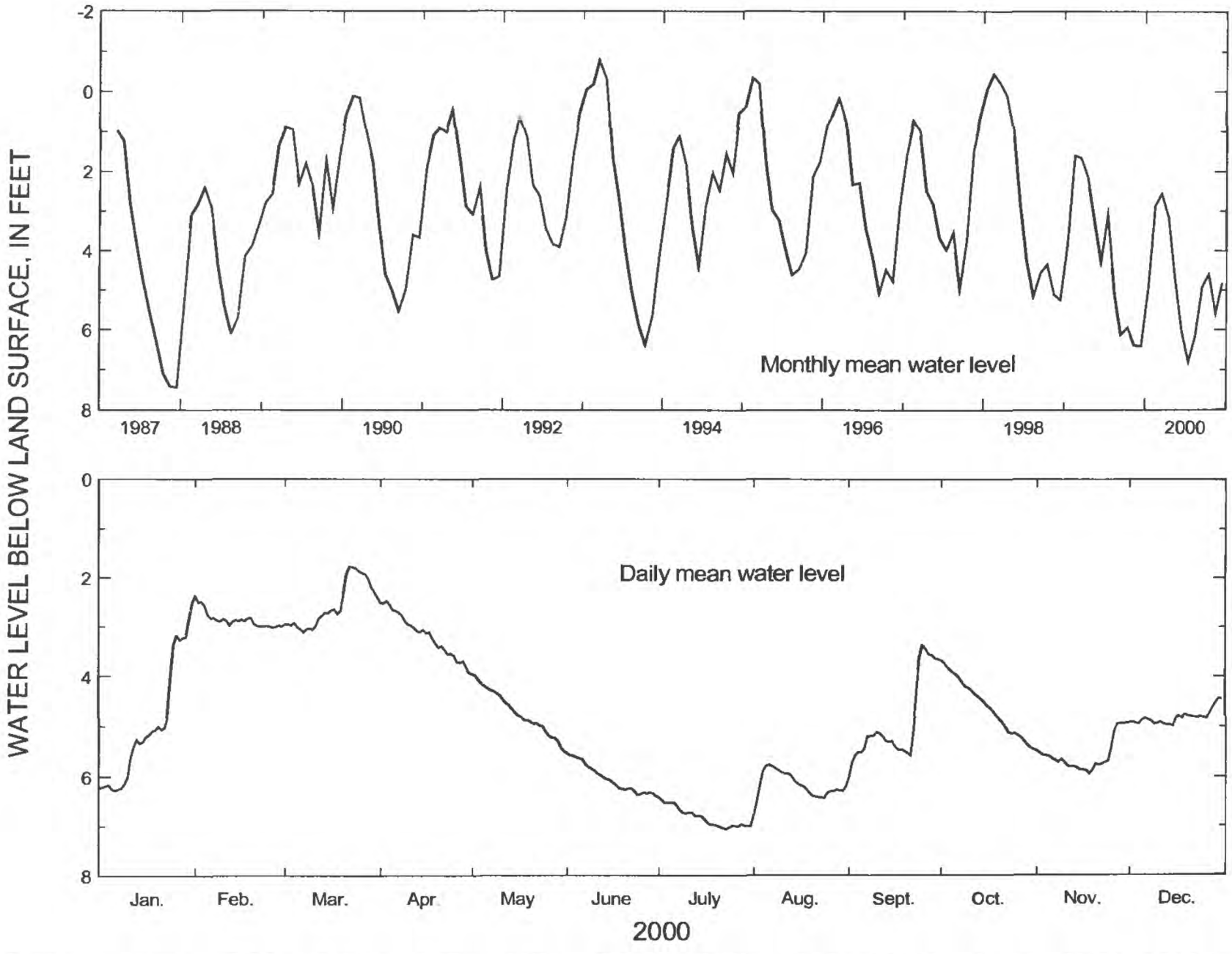


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	13.56	13.41	12.79	12.55	12.90	13.60	14.26	14.67	14.86	14.95	15.06	14.86
MEAN	13.80	13.45	13.24	12.70	13.20	13.98	14.51	14.80	14.92	15.05	15.15	15.00
LOW	14.01	13.54	13.53	12.90	13.55	14.24	14.74	14.96	14.98	15.13	15.20	15.10

SUMMARY FOR 2000 HIGH 12.55 (Apr. 7-8, 2000) MEAN 14.15 LOW 15.20 (Nov. 5-7, 2000)

IDENTIFICATION NUMBER. 21BB04.

COUNTY.—Greene
LOCATION.—Lat 33°28′08″, long 83°01′02″, Hydrologic Unit 03070101.
SITE NAME.—Charles Veazey.
INSTRUMENTATION.—Analog recorder.
AQUIFER.—Crystalline rock.
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 6 in., depth 497 ft, cased to 15 ft, open hole.
DATUM.—Altitude of land-surface datum is 675 ft.
REMARKS.—None.
PERIOD OF RECORD.—March 1987 to current year. Continuous record since March 1987.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 1.25 ft above land-surface datum, March 28, 1993; lowest, 7.58 ft below land-surface datum, December 7, 1987.

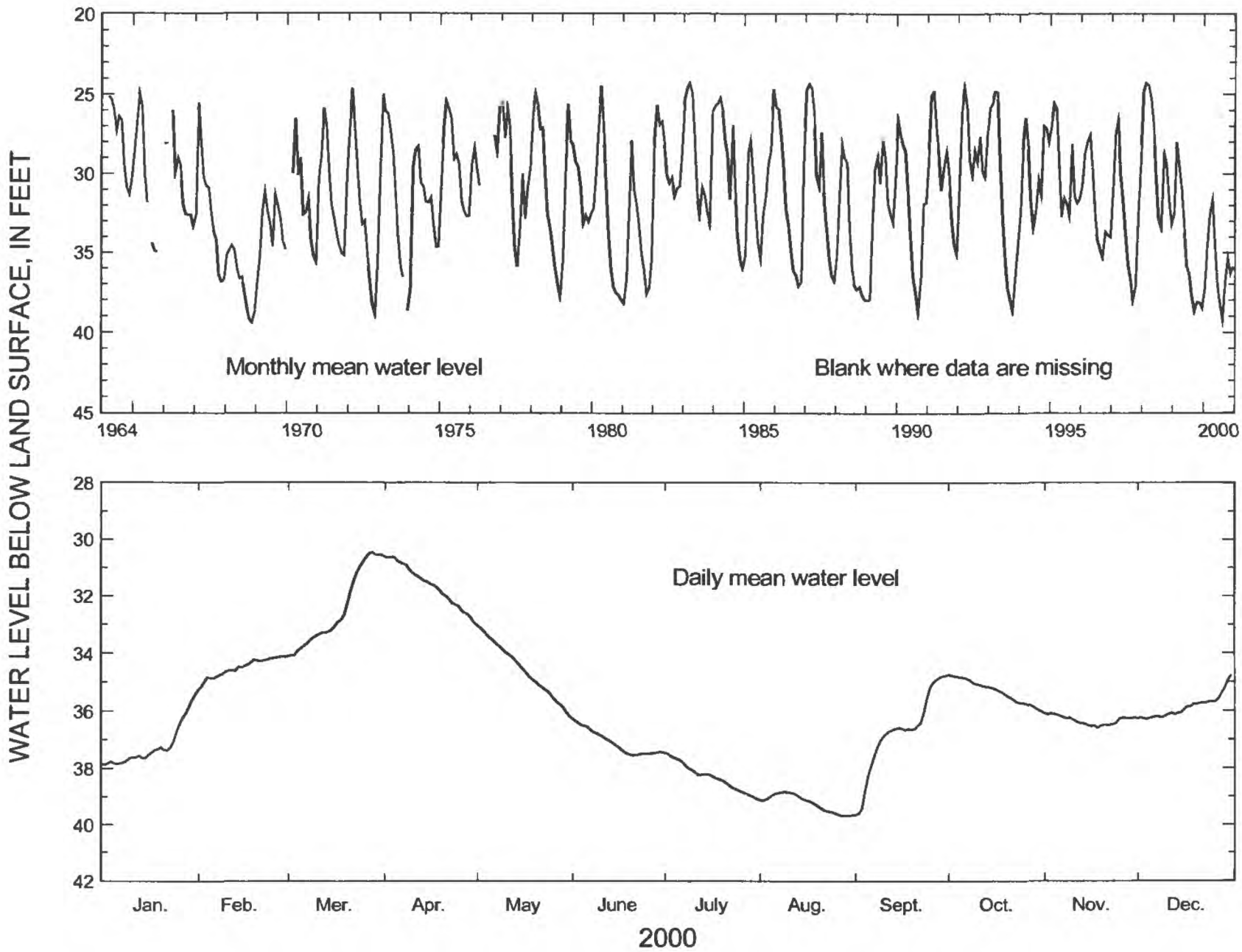


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	2.53	2.38	1.78	2.48	3.96	5.53	6.42	5.76	3.38	3.68	4.93	4.44
MEAN	5.00	2.86	2.56	3.16	4.71	6.04	6.82	6.17	4.93	4.59	5.59	4.82
LOW	6.28	3.03	3.12	3.93	5.49	6.39	7.06	6.77	6.02	5.46	5.95	4.99

SUMMARY FOR 2000 HIGH 1.78 (Mar. 22, 2000) MEAN 4.78 LOW 7.06 (July 23, 2000)

IDENTIFICATION NUMBER. 21T001.

COUNTY.—Laurens
LOCATION.—Lat 32°27′06″, long 83°03′28″, Hydrologic Unit 03070102.
SITE NAME.—Danny Hogan.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 4 in., depth 123 ft, cased to 89 ft, open hole.
DATUM.—Altitude of land-surface datum is 259 ft.
REMARKS.—None.
PERIOD OF RECORD.—March 1964 to current year. Continuous record since March 1964.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 23.62 ft below land-surface datum, January 26, 1987; lowest, 39.68 ft below land-surface datum, August 28 and 30, 2000.

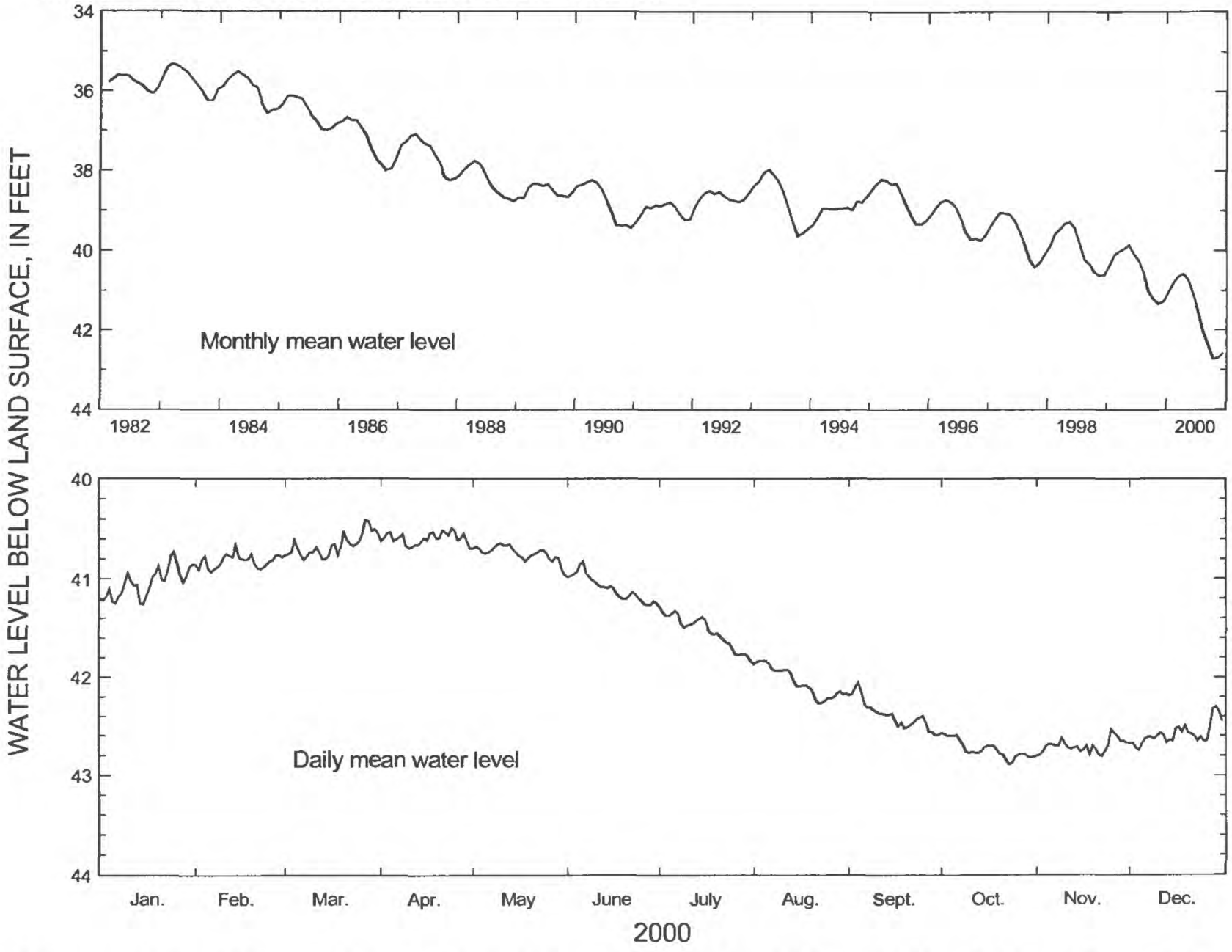


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	35.44	34.12	30.46	30.62	33.03	36.26	37.47	38.84	34.79	34.76	36.09	34.78
MEAN	37.24	34.52	32.51	31.61	34.56	37.10	38.30	39.23	36.77	35.33	36.34	35.88
LOW	37.87	35.28	34.11	32.93	36.16	37.55	39.08	39.68	39.65	36.03	36.60	36.29

SUMMARY FOR 2000 HIGH 30.46 (Mar. 28, 2000) MEAN 35.79 LOW 39.68 (Aug. 28, 30, 2000)

IDENTIFICATION NUMBER. 21U004.

COUNTY.—Laurens
LOCATION.—Lat 32°30′27″, long 83°02′44″, Hydrologic Unit 03070102.
SITE NAME.—Georgia Department of Natural Resources, Laurens No. 3.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Midville aquifer system.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 and 4 in., depth 1,685 ft, cased with 6 in. to 990 ft and with 4 in. from 990 to 1,060 ft, 1,080 to 1,220 ft, and from 1,240 to 1,685 ft, screen from 1,060 to 1,080 ft and 1,220 to 1,240 ft.
DATUM.—Altitude of land-surface datum is 282 ft.
REMARKS.—None.
PERIOD OF RECORD.—February 1982 to current year. Continuous record since February 1982.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 35.11 ft below land-surface datum, April 2, 1983; lowest, 42.89 ft below land-surface datum, October 23, 2000.

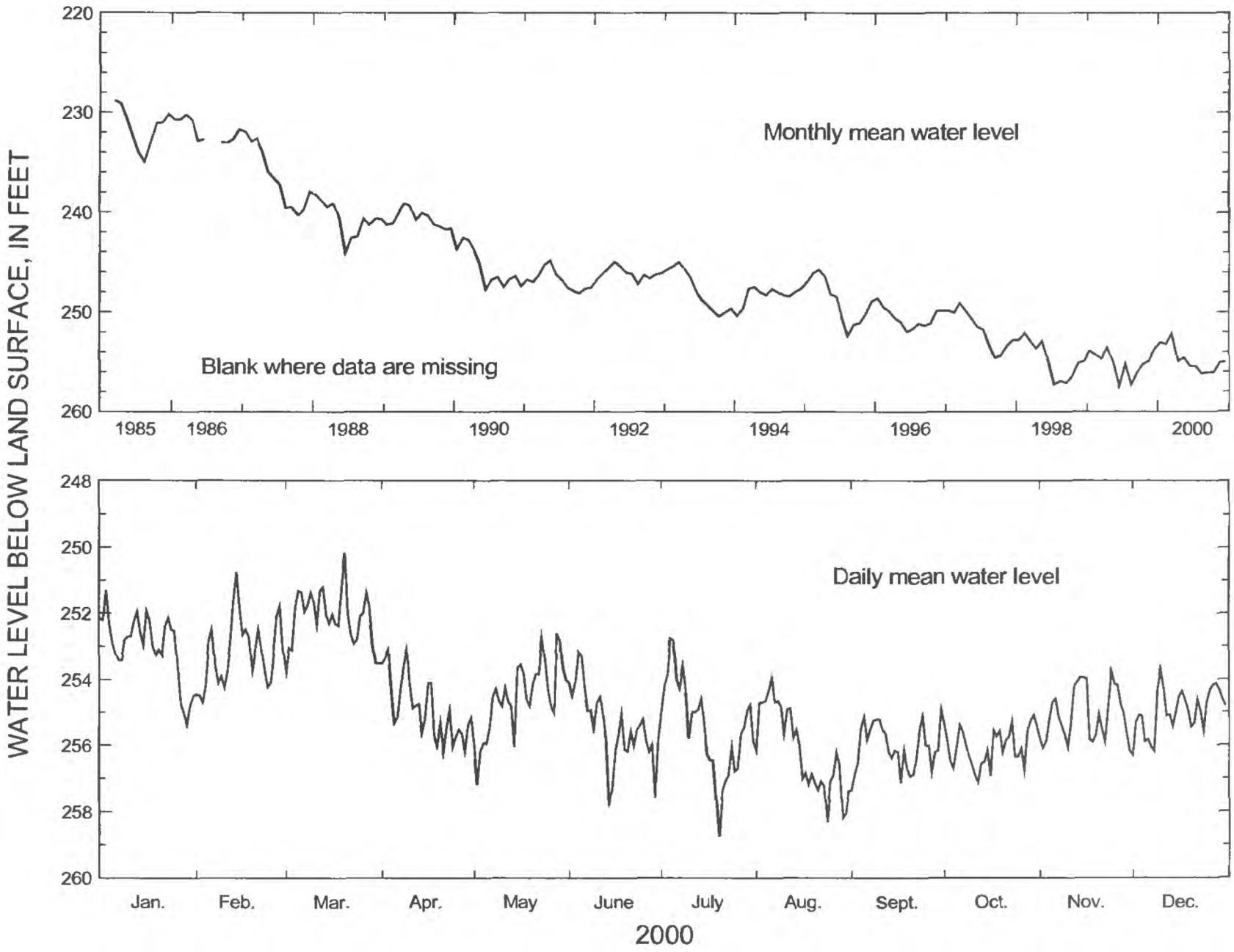


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	40.73	40.66	40.41	40.49	40.64	40.82	41.28	41.83	42.05	42.57	42.53	42.30
MEAN	41.04	40.82	40.66	40.59	40.74	41.09	41.53	42.04	42.38	42.73	42.70	42.58
LOW	41.26	40.93	40.81	40.69	40.96	41.26	41.83	42.26	42.59	42.89	42.80	42.74

SUMMARY FOR 2000 HIGH 40.41 (Mar. 27, 2000) MEAN 41.58 LOW 42.89 (Oct. 23, 2000)

IDENTIFICATION NUMBER. 23X027.

COUNTY.—Washington
LOCATION.—Lat 32°58′48″, long 82°48′08″, Hydrologic Unit 03070102.
SITE NAME.—City of Sandersville, well 8.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Dublin-Midville aquifer system.
WELL CHARACTERISTICS.—Drilled unused municipal well, diameter 8 in., depth 750 ft, cased to 480 ft, screened from 480 to 485 ft, 605 to 610 ft, 650 to 655 ft, 695 to 700 ft, and 740 to 745 ft. Lower screens probably caved.
DATUM.—Altitude of land-surface datum is 450 ft.
REMARKS.—None.
PERIOD OF RECORD.—March 1985 to current year. Continuous record since March 1985.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 227.68 ft below land-surface datum, April 9, 1985; lowest, 260.17 ft below land-surface datum, August 6,1998.

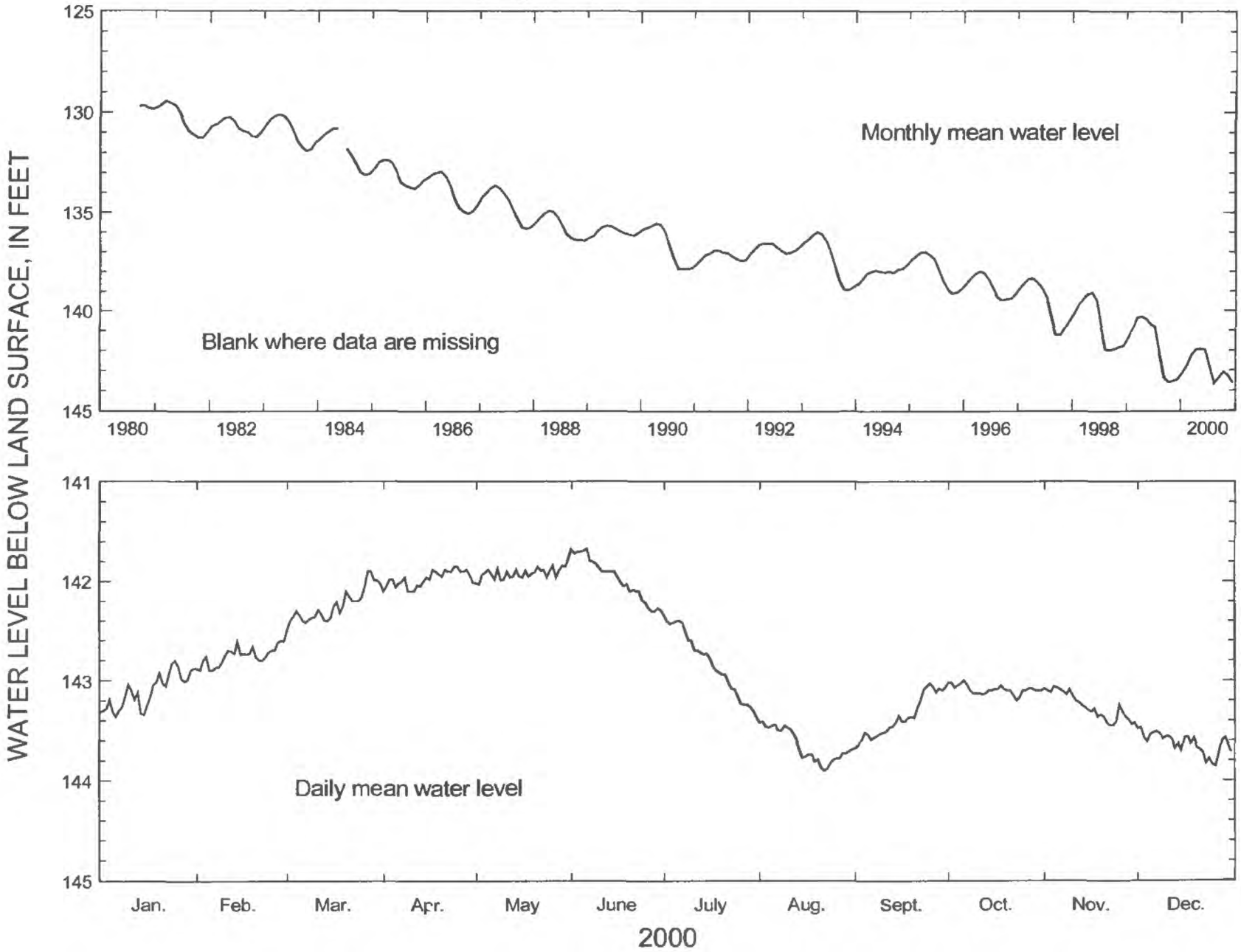


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	251.31	250.74	250.15	253.07	252.62	253.16	252.76	253.94	254.92	255.09	253.77	253.71
MEAN	253.01	253.18	252.13	254.89	254.54	255.42	255.44	256.17	256.06	256.05	255.09	254.98
LOW	255.37	254.72	253.77	256.21	257.20	257.71	258.76	258.35	257.37	257.13	256.18	256.31

SUMMARY FOR 2000 HIGH 250.15 (Mar. 20, 2000) MEAN 254.75 LOW 258.76 (July 20, 2000)

IDENTIFICATION NUMBER. 24V001.

COUNTY.—Johnson
LOCATION.—Lat 32°42′09″, long 82°43′02″, Hydrologic Unit 03070107.
SITE NAME.—U.S. Geological Survey, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Midville aquifer system.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6, 4, and 2 in., depth 1,780 ft, cased 6 in. to 1,010 ft, 4 in. from 1,010 to 1,120 ft, 1,140 to 1,260 ft, 1,280 to 1,320 ft, 2 in. from 1,340 ft to 1,780 ft. Screen from 1,120 to 1,140 ft, 1,260 to 1,280 ft, and 1,320 to 1,340 ft.
DATUM.—Altitude of land-surface datum is 355 ft.
REMARKS.—None.
PERIOD OF RECORD.—September 1980 to current year. Continuous record since September 1980.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 129.27 ft below land-surface datum, March 13, 1981; lowest, 143.90 ft below land-surface datum, August 22, 2000.

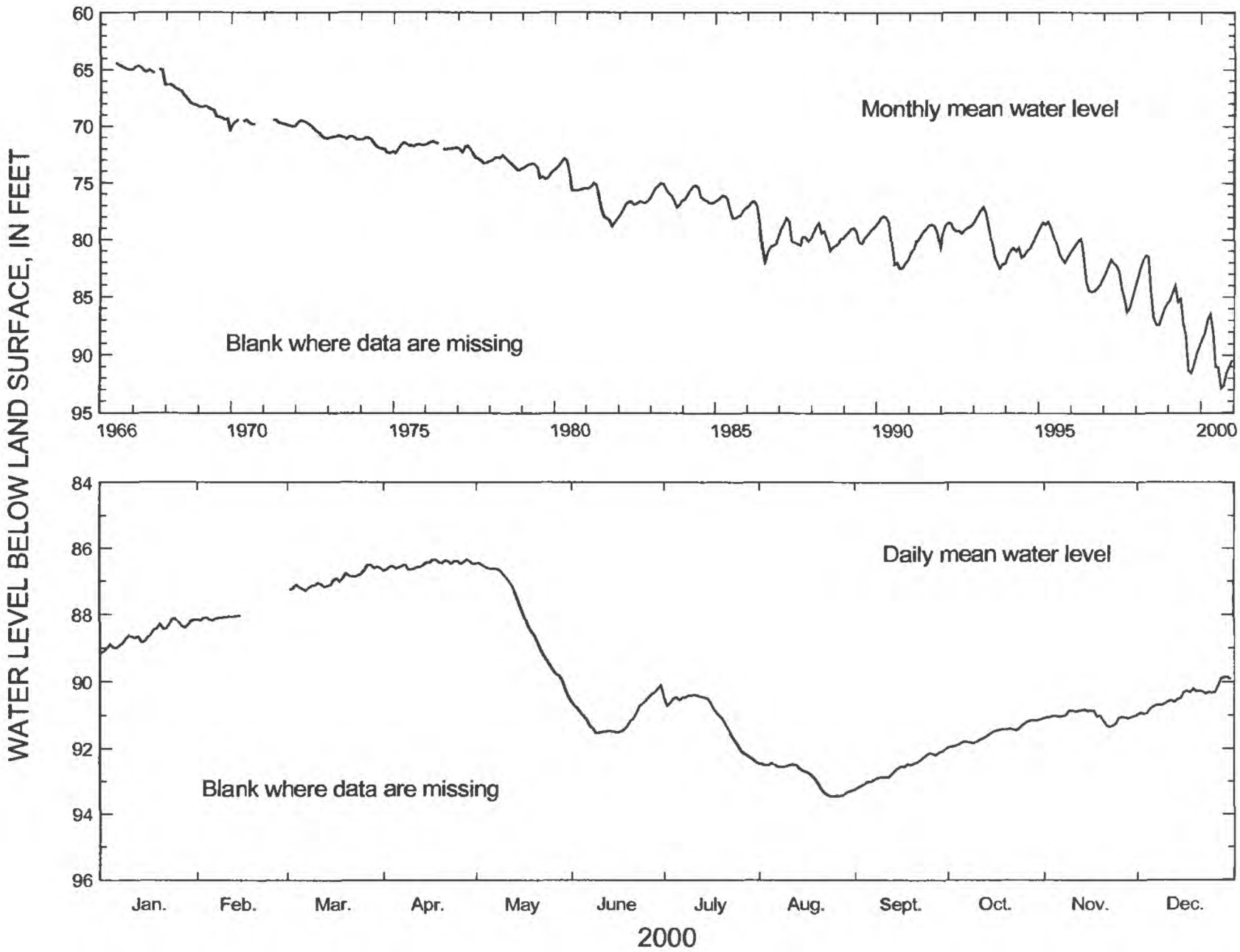


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	142.80	142.60	141.90	141.85	141.78	141.67	142.34	143.41	143.03	143.00	143.06	143.47
MEAN	143.11	142.75	142.24	141.97	141.92	141.97	142.82	143.65	143.37	143.09	143.26	143.63
LOW	143.36	142.90	142.49	142.10	142.03	142.30	143.36	143.90	143.68	143.20	143.45	143.86

SUMMARY FOR 2000 HIGH 141.67 (June 6, 2000) MEAN 142.82 LOW 143.90 (Aug. 22, 2000)

IDENTIFICATION NUMBER. 25Q001.

COUNTY.—Montgomery
LOCATION.—Lat 32°02′25″, long 82°30′05″, Hydrologic Unit 03070106.
SITE NAME.—Helen Kellom.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 6 in., depth 536 ft, cased to 421 ft, open hole.
DATUM.—Altitude of land-surface datum is 190 ft.
REMARKS.—Water-level data for period, February 16 to March 1, 2000, are missing.
PERIOD OF RECORD.—June 1966 to current year. Continuous record since June 1966.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 64.13 ft below land-surface datum, June 10, 1966; lowest, 93.46 ft below land-surface datum, August 25, 2000.

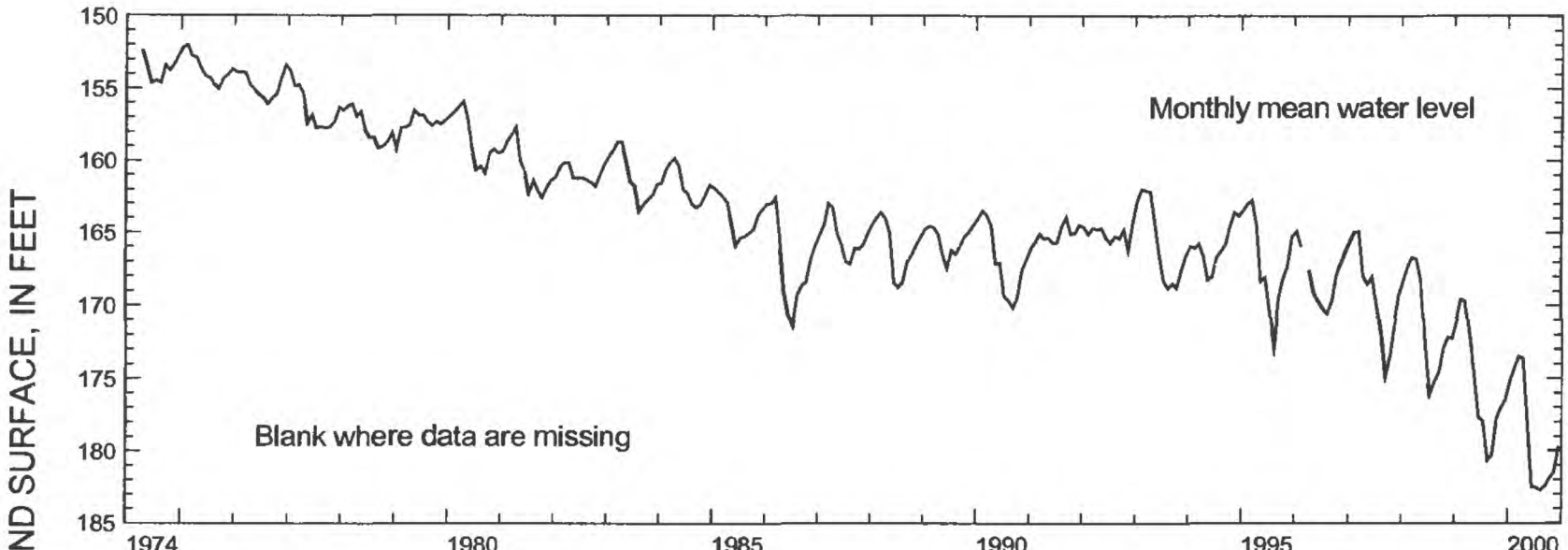


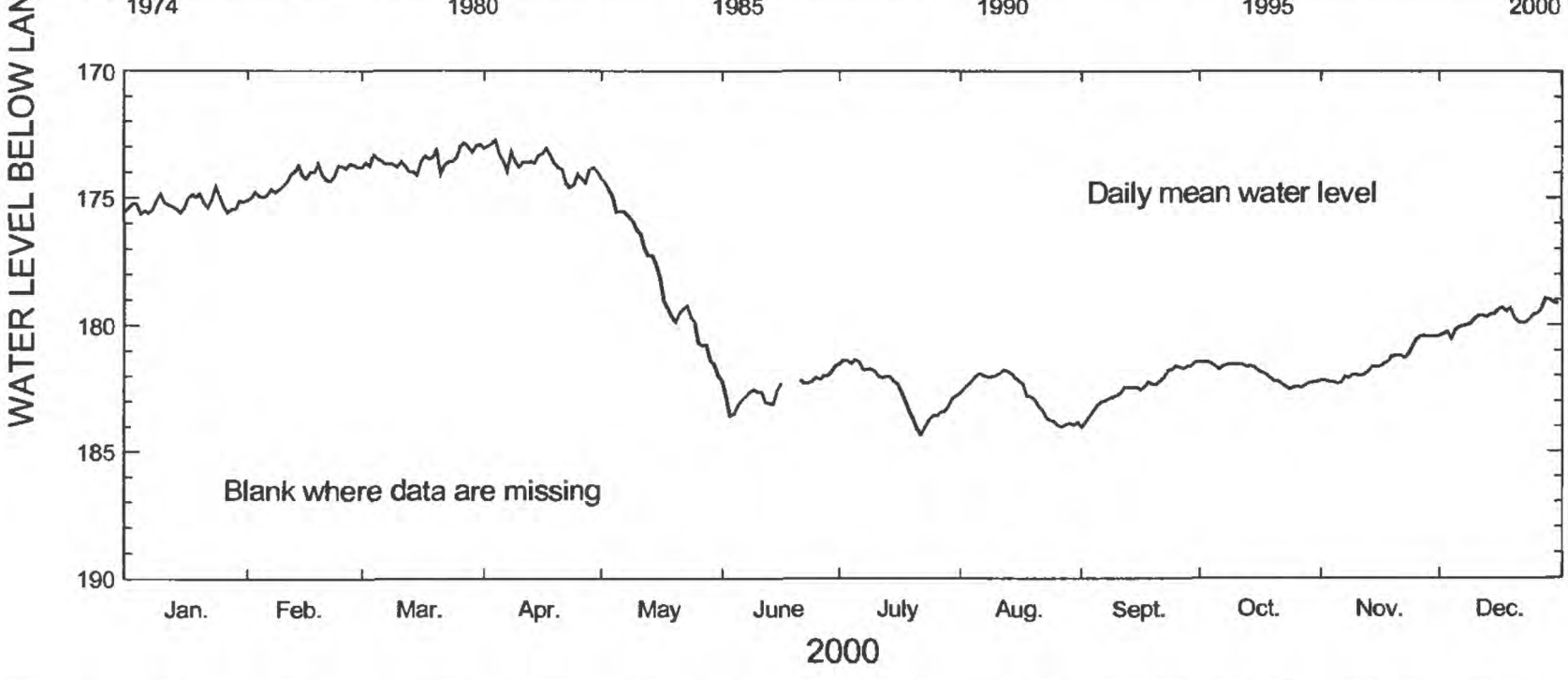
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	88.12	------	86.49	86.33	86.44	90.08	90.38	92.45	92.03	91.11	90.83	89.86
MEAN	88.59	------	86.94	86.48	88.04	91.02	91.06	92.88	92.62	91.55	91.02	90.44
LOW	89.14	------	87.27	86.67	90.42	91.54	92.41	93.46	93.25	91.96	91.34	90.97

SUMMARY FOR 2000 HIGH 86.33 (Apr. 28, 2000) MEAN 89.98 LOW 93.46 (Aug. 25, 2000)

IDENTIFICATION NUMBER. 26R001.

COUNTY.—Toombs
LOCATION.—Lat 32°13′02″, long 82°24′36″, Hydrologic Unit 03070107.
SITE NAME.—City of Vidalia, well 2.
INSTRUMENTATION.—Electronic data recorder with GOES Satellite transmitter.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled municipal supply well, diameter 12 in., depth 1,000 ft, cased to 720 ft, open hole.
DATUM.—Altitude of land-surface datum is 285 ft.
REMARKS.—Water-level data for period, June 17-20, 2000, are missing.
PERIOD OF RECORD.—April 1974 to current. Continuous record since April 1974.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 151.64 ft below land-surface datum, April 15, 1974; lowest, 184.32 ft below land-surface datum, July 22, 2000.



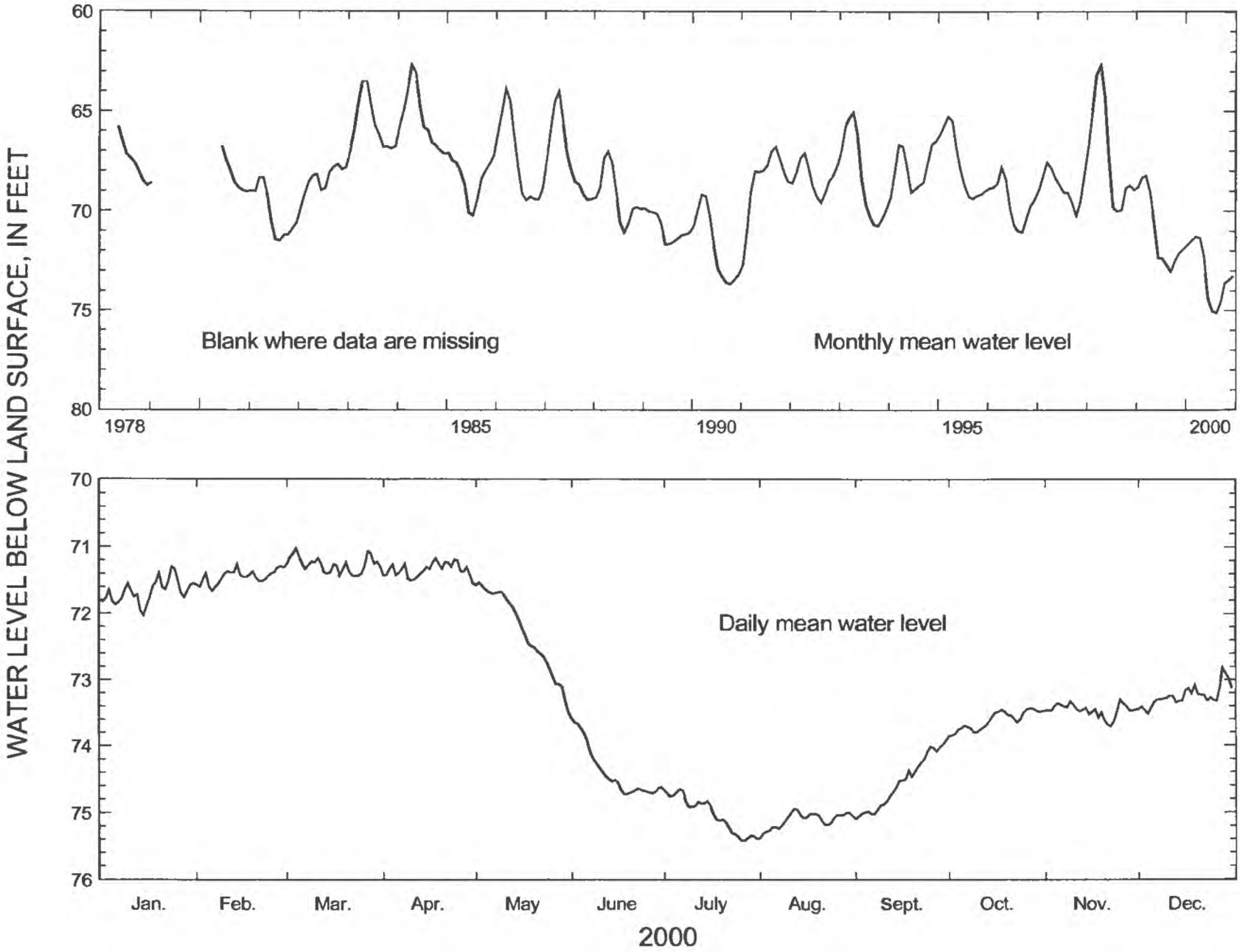


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	174.55	173.65	172.85	172.74	174.23	181.60	181.36	181.75	181.44	181.41	180.42	178.95
MEAN	175.24	174.27	173.51	173.64	178.02	182.53	182.57	182.74	182.45	181.89	181.49	179.72
LOW	175.63	175.09	174.11	174.57	181.96	183.55	184.32	184.00	184.02	182.51	182.28	180.55

SUMMARY FOR 2000 HIGH 172.74 (Apr. 4, 2000) MEAN 178.98 LOW 184.32 (July 22, 2000)

IDENTIFICATION NUMBER. 27E004.

COUNTY.—Charlton
LOCATION.—Lat 30°49′43″, long 82°21′38″, Hydrologic Unit 03110201.
SITE NAME.—U.S. Geological Survey, test well OK-9.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 700 ft, cased to 498 ft, open hole.
DATUM.—Altitude of land-surface datum is 116 ft.
REMARKS.—Well drilled in May 1978 to replace USGS test well OK-8 (27E002).
PERIOD OF RECORD.—May 1978 to current year. Continuous record since June 1980.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 62.13 ft below land-surface datum, April 9, 1998; lowest, 75.43 ft below land-surface datum, July 27, 2000.

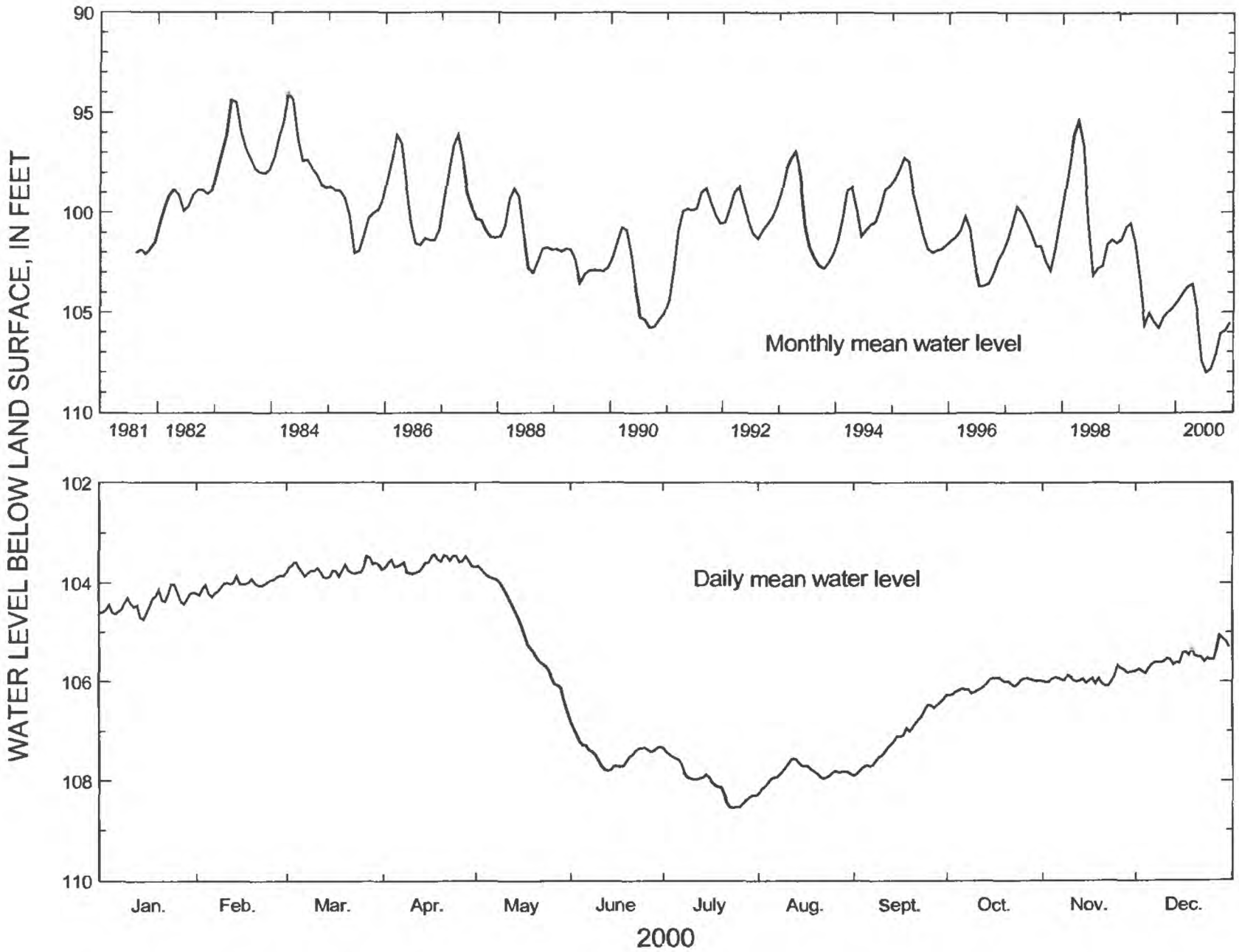


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	71.30	71.26	71.03	71.17	71.53	73.59	74.66	74.95	73.93	73.44	73.30	72.82
MEAN	71.68	71.45	71.27	71.34	72.27	74.40	75.03	75.12	74.56	73.62	73.47	73.25
LOW	72.03	71.66	71.44	71.54	73.49	74.73	75.43	75.39	75.10	73.86	73.71	73.52

SUMMARY FOR 2000 HIGH 71.03 (Mar. 4, 2000) MEAN 73.13 LOW 75.43 (July 27, 2000)

IDENTIFICATION NUMBER. 27G003.

COUNTY.—Ware
LOCATION.—Lat 31°07′06″, long 82°15′56″, Hydrologic Unit 03110201.
SITE NAME.—U.S. Geological Survey, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 14 in., depth 1,970 ft, cased to 635 ft, open hole.
DATUM.—Altitude of land-surface datum is 150 ft.
REMARKS.—None.
PERIOD OF RECORD.—August 1981 to current year. Continuous record since August 1981.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 93.63 ft below land-surface datum, May 3, 1984; lowest,108.54 ft below land-surface datum, July 24, 2000.

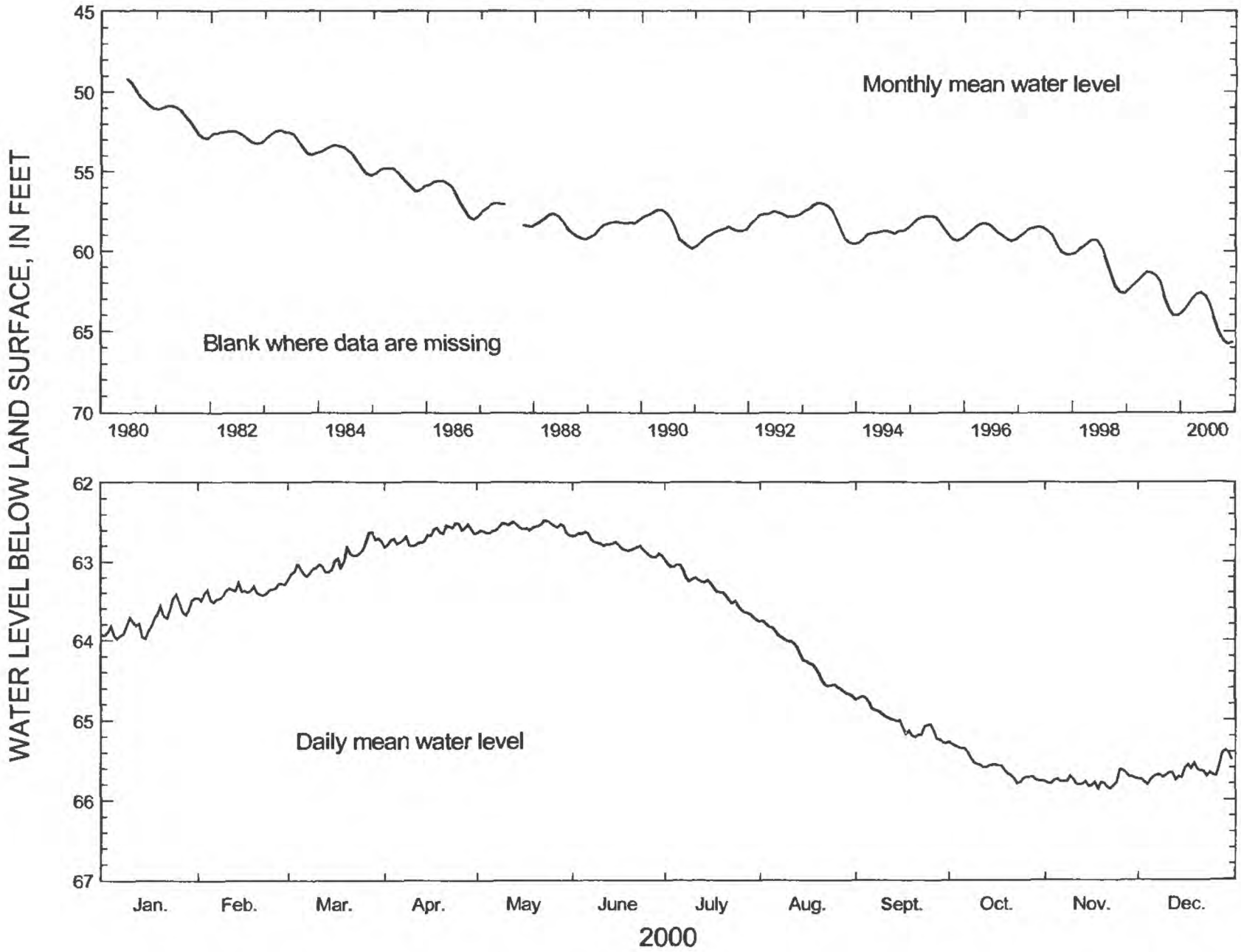


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	104.02	103.85	103.46	103.43	103.66	106.78	107.33	107.55	106.36	105.92	105.67	105.07
MEAN	104.40	104.04	103.73	103.60	104.90	107.44	108.03	107.84	107.13	106.07	105.93	105.53
LOW	104.74	104.28	103.90	103.81	106.59	107.79	108.54	108.26	107.90	106.27	106.09	105.83

SUMMARY FOR 2000 HIGH 103.43 (Apr. 18, 2000) MEAN 105.73 LOW 108.54 (July 24, 2000)

IDENTIFICATION NUMBER. 28X001.

COUNTY.—Burke
LOCATION.—Lat 32°52′32″, long 82°13′15″, Hydrologic Unit 03060201.
SITE NAME.—U.S. Geological Survey, Midville, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Midville aquifer system.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 1,045 ft, cased to 1,025 ft, screen from 1,025 to 1,045 ft.
DATUM.—Altitude of land-surface datum is 269 ft.
REMARKS.—None.
PERIOD OF RECORD.—June 1980 to current year. Continuous record since June 1980.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 49.07 ft below land-surface datum, June 4, 1980; lowest, 65.86 ft below land-surface datum, November 22, 2000.

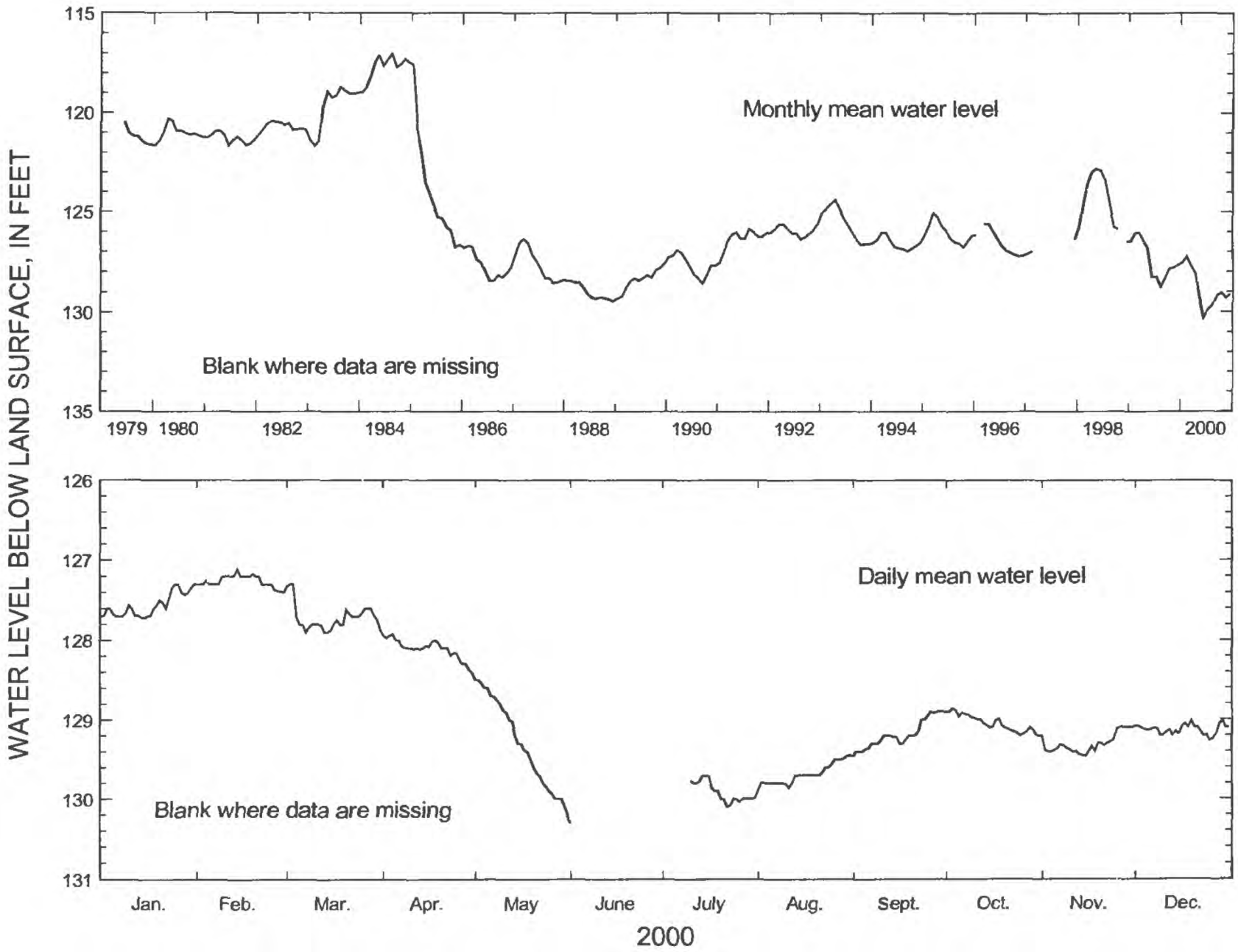


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	63.42	63.26	62.62	62.51	62.47	62.62	62.97	63.76	64.70	65.27	65.62	65.38
MEAN	63.75	63.39	62.97	62.66	62.56	62.79	63.34	64.24	65.02	65.58	65.77	65.65
LOW	63.98	63.52	63.22	62.81	62.66	62.94	63.74	64.70	65.29	65.79	65.86	65.81

SUMMARY FOR 2000 HIGH 62.47 (May 23, 2000) MEAN 63.98 LOW 65.86 (Nov. 18, 22, 2000)

IDENTIFICATION NUMBER. 30AA04.

COUNTY.—Richmond
LOCATION.—Lat 33°15′25″, long 81°57′47″, Hydrologic Unit 03060106.
SITE NAME.—Richmond County Water System, U.S. Geological Survey, McBean 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Dublin-Midville aquifer system.
WELL CHARACTERISTICS.—Drilled unused municipal supply well, diameter 6 in., depth 496 ft, cased to 174 ft, screen from 174 to 192 ft, 299 to 319 ft, 341 to 372 ft, and 393 to 434 ft.
DATUM.—Altitude of land-surface datum is 293 ft.
REMARKS.—Water-level data for period, June 2 to July 9, 2000, are missing.
PERIOD OF RECORD.—June 1979 to current year. Continuous record since June 1979.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 116.70 ft below land-surface datum, May 30, 1984; lowest, 130.31 ft below land-surface datum, June 1, 2000, but may have been lower during period of missing record.

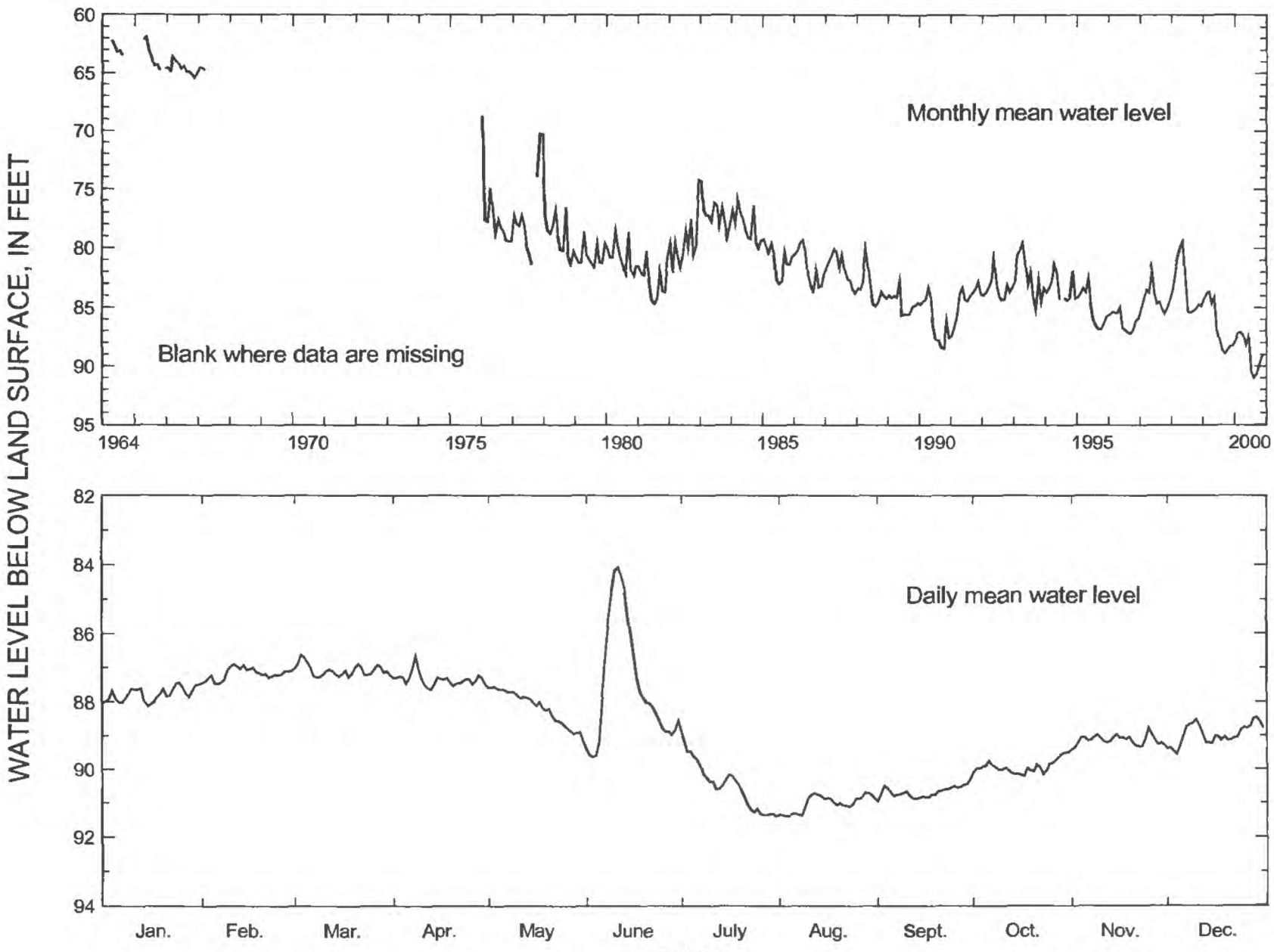


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	127.30	127.11	127.30	127.92	128.50	------	------	129.45	128.90	128.86	129.10	129.02
MEAN	127.56	127.26	127.71	128.11	129.30	------	------	129.69	129.19	129.05	129.31	129.13
LOW	127.72	127.40	127.90	128.41	130.20	------	------	129.89	129.46	129.21	129.46	129.27

SUMMARY FOR 2000 HIGH 127.11 (Feb. 14, 2000) MEAN ------ LOW 130.31 (June 1, 2000)

IDENTIFICATION NUMBER. 30L003.

COUNTY.—Wayne
LOCATION.—Lat 31°37′01″, long 81°54′34″, Hydrologic Unit 03070106.
SITE NAME.—City of Jesup Housing Authority.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 4 in., depth 584 ft, cased to 472 ft, open hole.
DATUM.—Altitude of land-surface datum is 107 ft.
REMARKS.—None.
PERIOD OF RECORD.—January 1964 to current year. Continuous record January 1964 to March 1967, and since January 1976.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 59.98 ft below land-surface datum, April 19, 1964; lowest, 91.40 ft below land-surface datum, July 31, 2000.

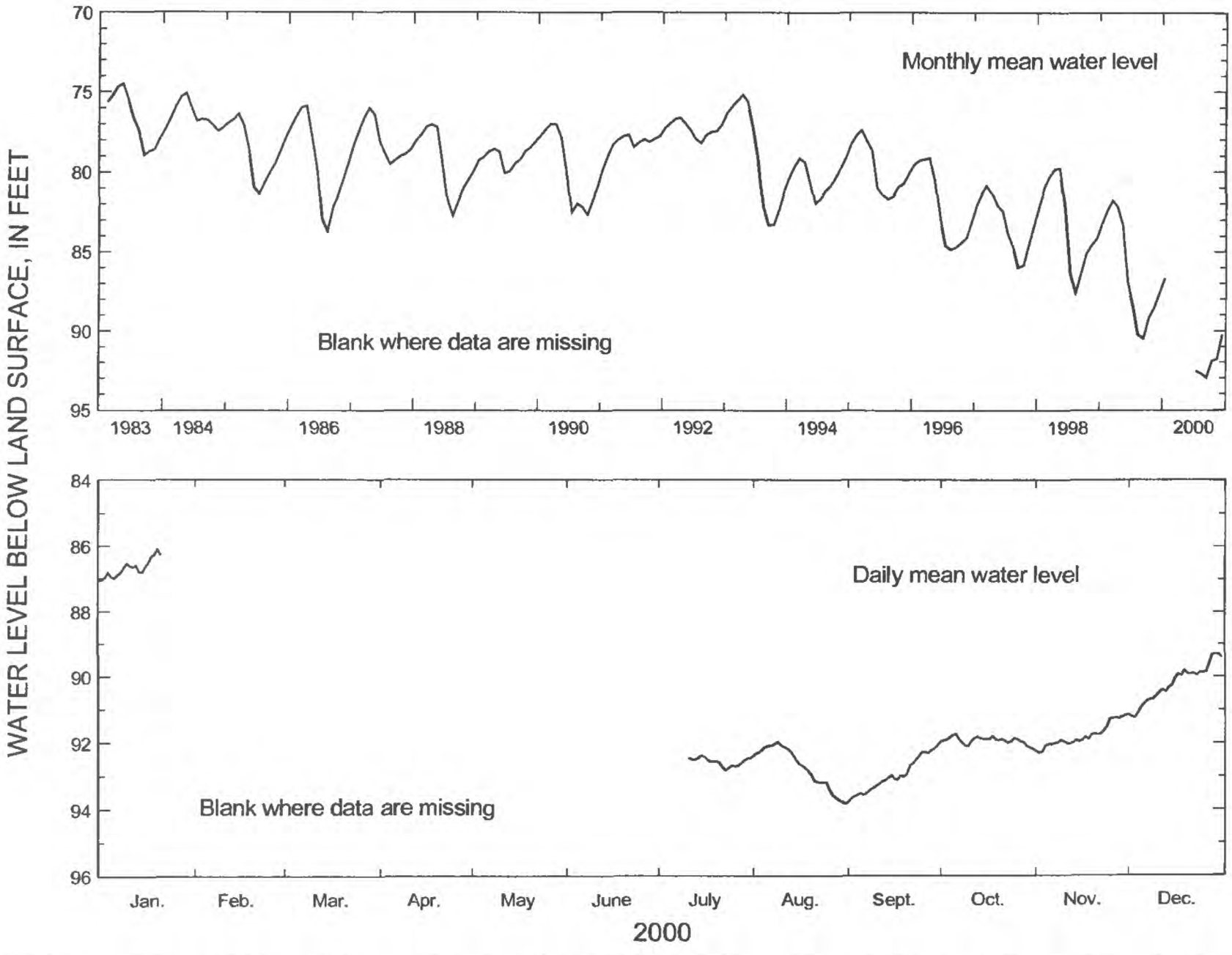


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	87.43	86.90	86.62	86.65	87.56	84.07	88.90	90.71	90.31	89.50	88.77	88.47
MEAN	87.78	87.18	87.07	87.34	88.18	87.48	90.48	91.02	90.69	89.94	89.14	88.97
LOW	88.13	87.49	87.29	87.65	89.19	89.64	91.40	91.39	90.96	90.22	89.42	89.56

SUMMARY FOR 2000 HIGH 84.07 (June 11, 2000) MEAN 88.78 LOW 91.40 (July 31, 2000)

IDENTIFICATION NUMBER. 31U008.

COUNTY.—Bulloch
LOCATION.—Lat 32°31′23″, long 81°51′16″, Hydrologic Unit 03060202.
SITE NAME.—Georgia Geologic Survey, Hopeulikit, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 860 ft, cased to 315 ft, open hole.
DATUM.—Altitude of land-surface datum is 205 ft.
REMARKS.—Recorder removed, January 22 to July 10, 2000.
PERIOD OF RECORD.—February 1983 to current year. Continuous record since February 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 74.26 ft below land-surface datum, April 24, 1983; lowest, 93.83 ft below land-surface datum, August 31, 2000.

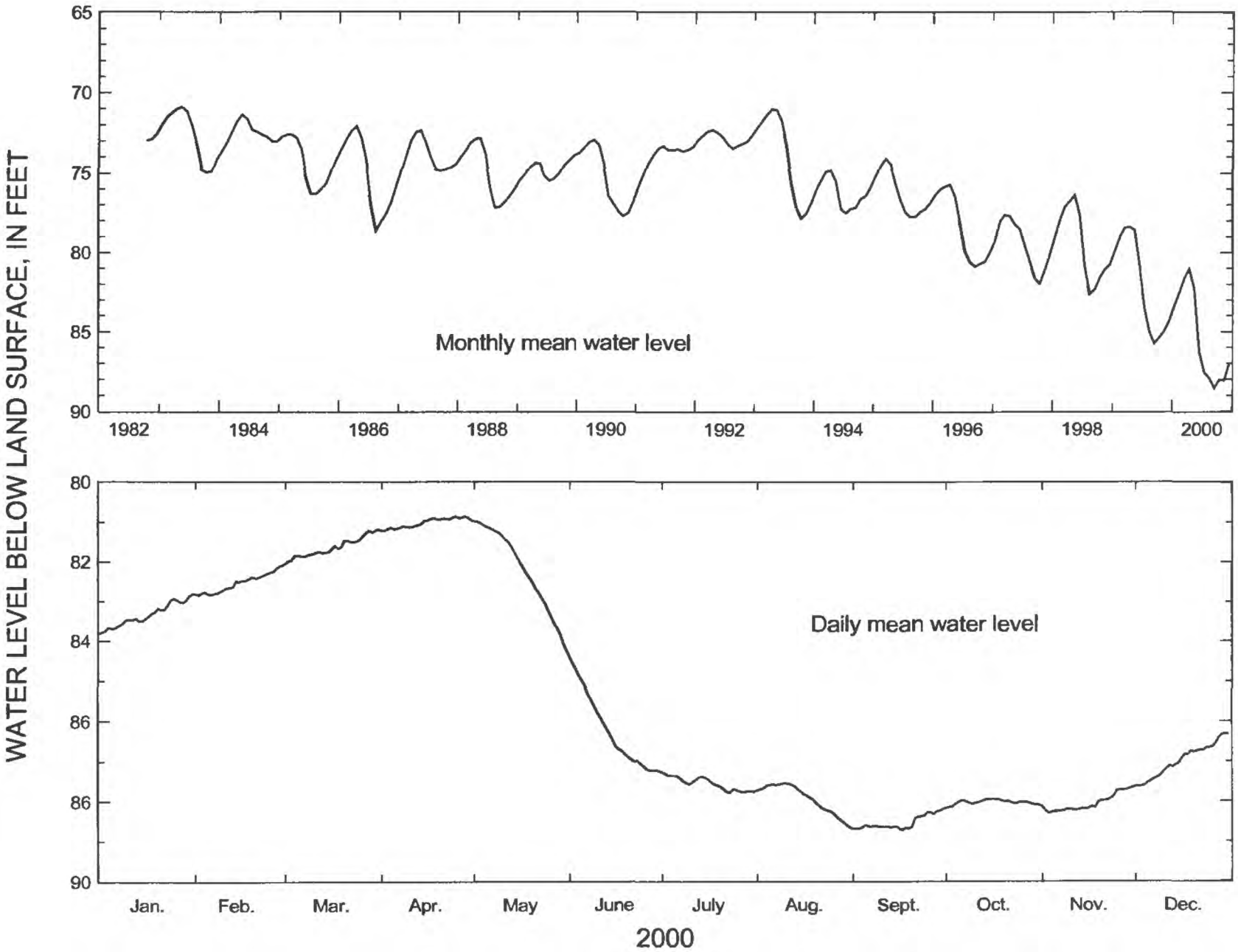


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	------	------	------	------	------	------	------	91.98	92.08	91.74	91.19	89.30
MEAN	------	------	------	------	------	------	------	92.73	92.99	91.94	91.81	90.23
LOW	------	------	------	------	------	------	------	93.83	93.78	92.19	92.30	91.25

SUMMARY FOR 2000 HIGH 86.11 (Jan. 20, 2000) MEAN ------ LOW 93.83 (Aug. 31, 2000)

IDENTIFICATION NUMBER. 31U009.

COUNTY.—Bulloch
LOCATION.—Lat 32°31′23″, long 81°51′16″, Hydrologic Unit 03060202.
SITE NAME.—Georgia Geologic Survey, Hopeulikit, test well 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Brunswick.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 210 ft, cased to 160 ft, screen from 160 to 210 ft.
DATUM.—Altitude of land-surface datum is 205 ft.
REMARKS.—None.
PERIOD OF RECORD.—October 1982 to current year. Continuous record since October 1982.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 70.77 ft below land-surface datum, April 24, 1983; lowest, 88.72 ft below land-surface datum, September 17, 2000.

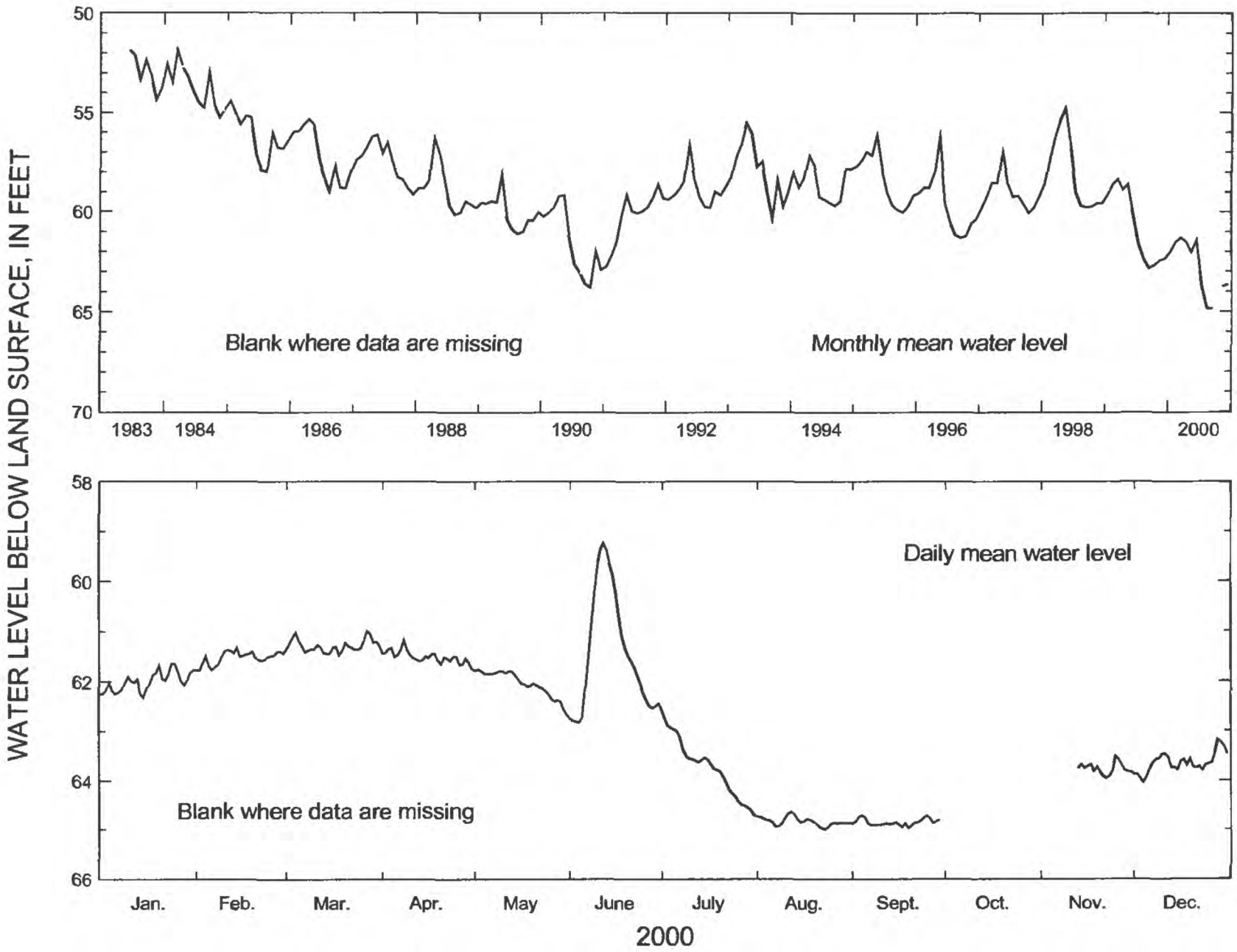


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	82.81	82.09	81.18	80.85	80.98	84.41	87.27	87.55	88.20	87.95	87.66	86.31
MEAN	83.34	82.53	81.63	81.02	82.21	86.22	87.55	87.93	88.54	88.03	88.06	87.00
LOW	83.81	82.84	82.04	81.22	84.24	87.24	87.79	88.65	88.72	88.17	88.30	87.64

SUMMARY FOR 2000 HIGH 80.85 (Apr. 28, 2000) MEAN 85.35 LOW 88.72 (Sept. 17, 2000)

IDENTIFICATION NUMBER. 32L015.

COUNTY.—Wayne
LOCATION.—Lat 31°32′52″, long 81°43′36″, Hydrologic Unit 03070106.
SITE NAME.—Georgia Geologic Survey, Gardi, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 750 ft, cased to 545 ft, open hole.
DATUM.—Altitude of land-surface datum is 74 ft.
REMARKS.—Water-level data for period, September 30 to November 12, 2000, are missing.
PERIOD OF RECORD.—June 1983 to current year. Continuous record since June 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 49.12 ft below land-surface datum, March 19, 1984; lowest, 64.99 ft below land-surface datum, August 23, 2000.

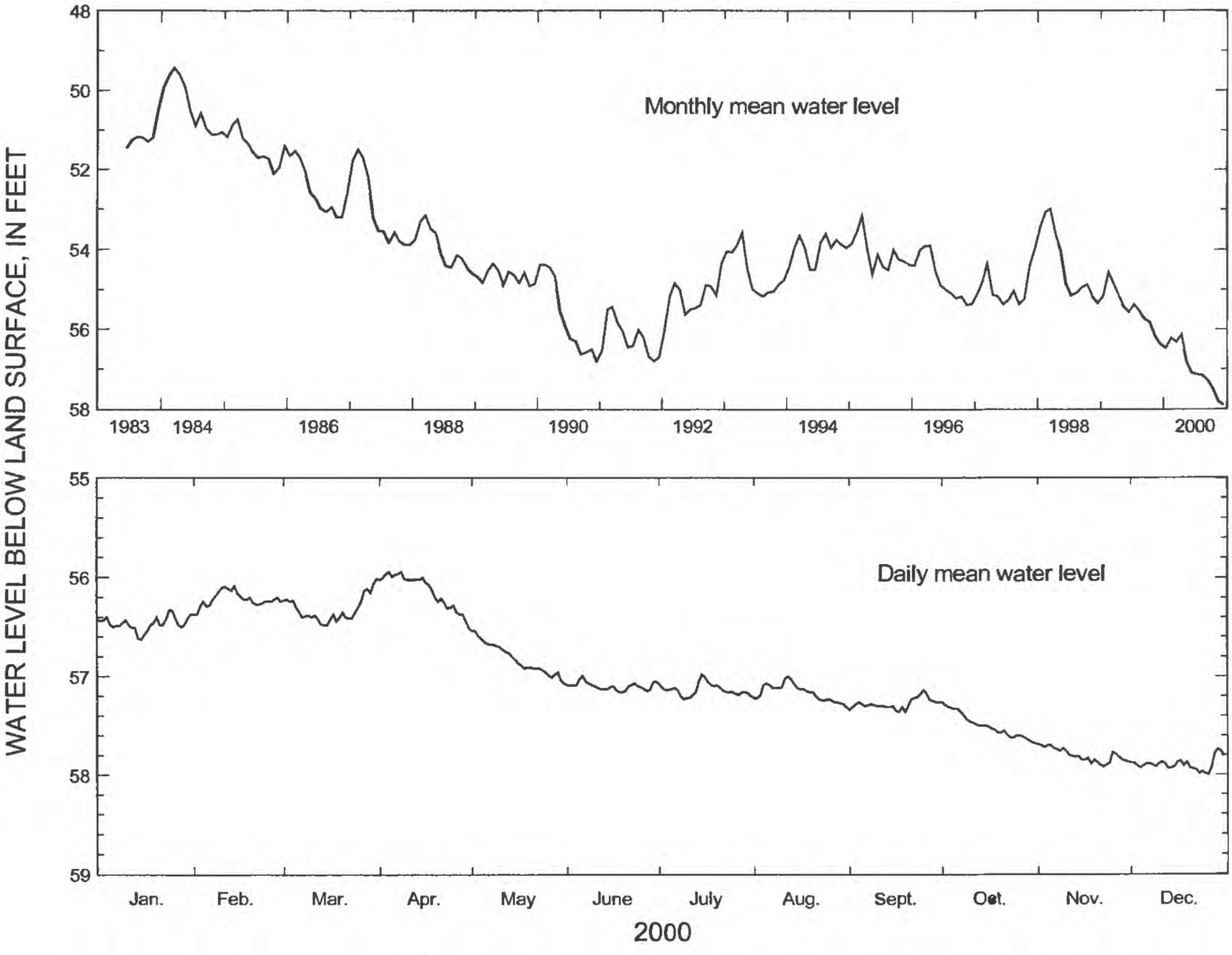


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	61.64	61.32	60.99	61.17	61.76	59.24	62.57	64.64	64.71	------	------	63.18
MEAN	62.00	61.52	61.29	61.51	62.04	61.41	63.71	64.83	64.85	------	------	63.64
LOW	62.32	61.78	61.47	61.75	62.66	62.83	64.70	64.99	64.97	------	------	64.03

SUMMARY FOR 2000 HIGH 59.24 (June 12, 2000) MEAN ----- LOW 64.99 (Aug. 23, 2000)

IDENTIFICATION NUMBER. 32L016.

COUNTY.—Wayne
LOCATION.—Lat 31°32′52″, long 81°43′36″, Hydrologic Unit 03070106.
SITE NAME.—Georgia Geologic Survey, Gardi, test well 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Brunswick.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 340 ft, cased to 320 ft, screen from 320 to 340 ft.
DATUM.—Altitude of land-surface datum is 74 ft.
REMARKS.—None.
PERIOD OF RECORD.—June 1983 to current year. Continuous record since June 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 49.26 ft below land-surface datum, March 20, 1984; lowest, 58.00 ft below land-surface datum, December 26, 2000.

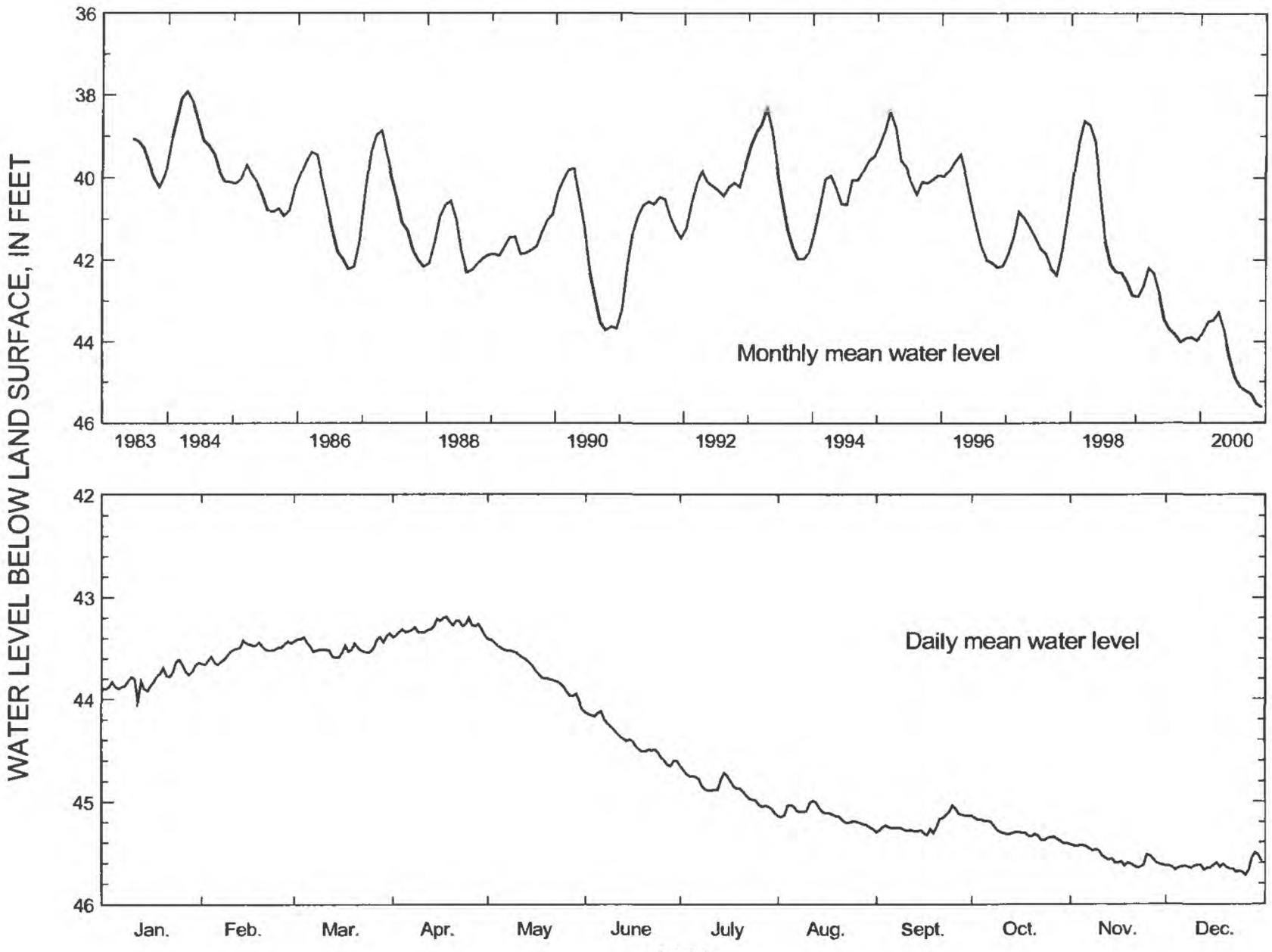


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	56.33	56.08	56.01	55.94	56.54	56.99	56.98	57.00	57.14	57.26	57.69	57.74
MEAN	56.47	56.22	56.32	56.13	56.82	57.10	57.14	57.16	57.28	57.50	57.81	57.90
LOW	56.63	56.37	56.48	56.51	57.07	57.16	57.23	57.31	57.36	57.68	57.92	58.00

SUMMARY FOR 2000 HIGH 55.94 (Apr. 4, 2000) MEAN 56.99 LOW 58.00 (Dec. 26, 2000)

IDENTIFICATION NUMBER. 32L017.

COUNTY.—Wayne
LOCATION.—Lat 31°32′52″, long 81°43′36″, Hydrologic Unit 03070106.
SITE NAME.—Georgia Geologic Survey, Gardi, test well 3.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Surficial (sand of Miocene and post-Miocene age).
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 215 ft, cased to 200 ft, screen from 200 to 215 ft.
DATUM.—Altitude of land-surface datum is 74 ft.
REMARKS.—None.
PERIOD OF RECORD.—June 1983 to current year. Continuous record since June 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 37.85 ft below land-surface datum, April 16, 1984; lowest, 45.72 ft below land-surface datum, December 26, 2000.

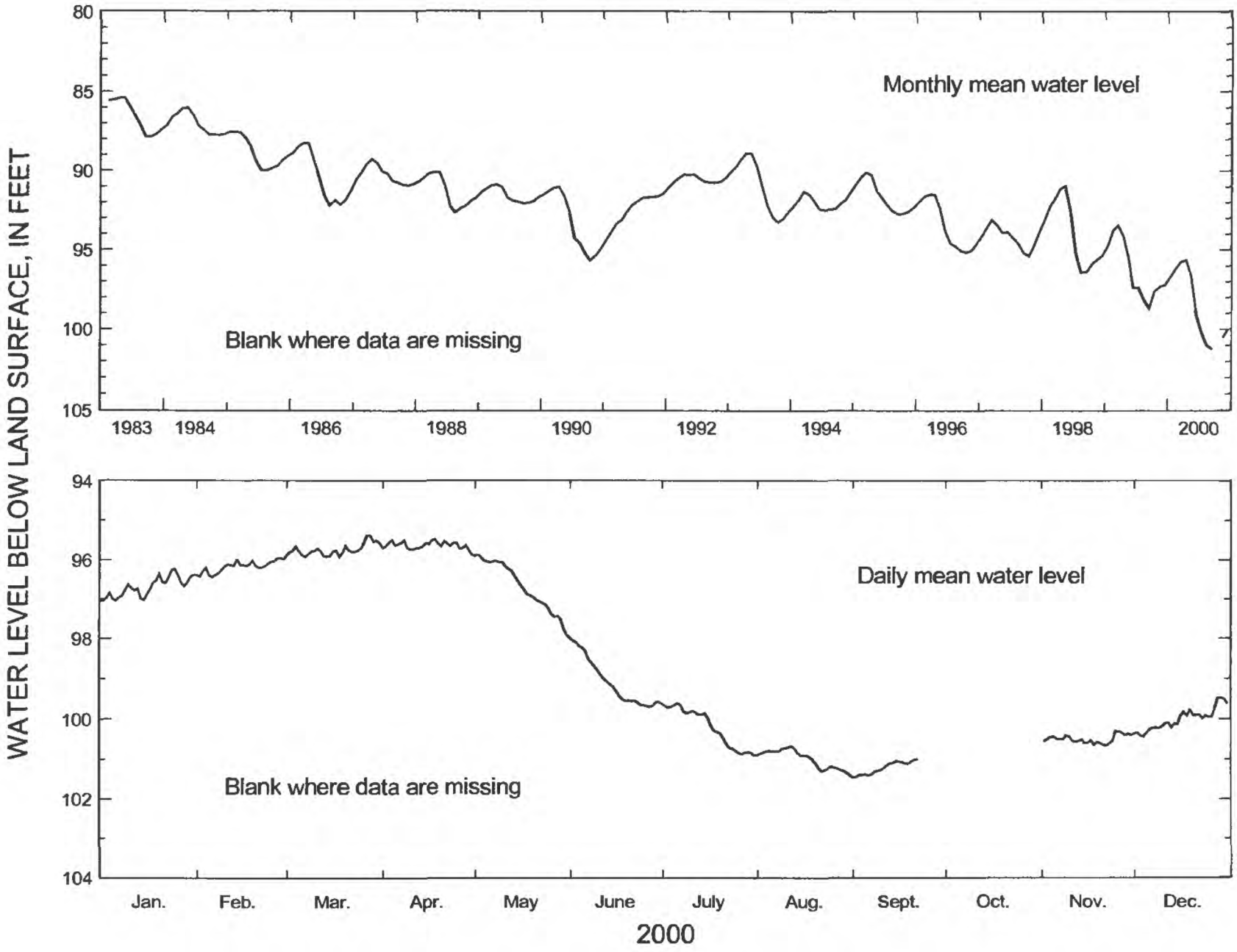


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	43.61	43.42	43.35	43.19	43.41	44.12	44.65	44.99	45.04	45.14	45.42	45.50
MEAN	43.80	43.52	43.48	43.29	43.71	44.39	44.88	45.13	45.22	45.30	45.54	45.63
LOW	44.03	43.66	43.59	43.39	44.10	44.65	45.11	45.27	45.33	45.41	45.65	45.72

SUMMARY FOR 2000 HIGH 43.19 (Apr. 18, 2000) MEAN 44.50 LOW 45.72 (Dec. 26, 2000)

IDENTIFICATION NUMBER. 32R002.

COUNTY.—Bulloch
LOCATION.—Lat 32°12′40″, long 81°41′15″, Hydrologic Unit 03060202.
SITE NAME.—Georgia Geologic Survey, Bulloch South, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 804 ft, cased to 420 ft, open hole.
DATUM.—Altitude of land-surface datum is 120 ft.
REMARKS.—Water-level data for period, September 23 to November 1, 2000, are missing.
PERIOD OF RECORD.—February 1983 to current year. Continuous record since February 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 85.08 ft below land-surface datum, April 24, 1983; lowest, 101.46 ft below land-surface datum, September 1-2, 2000.

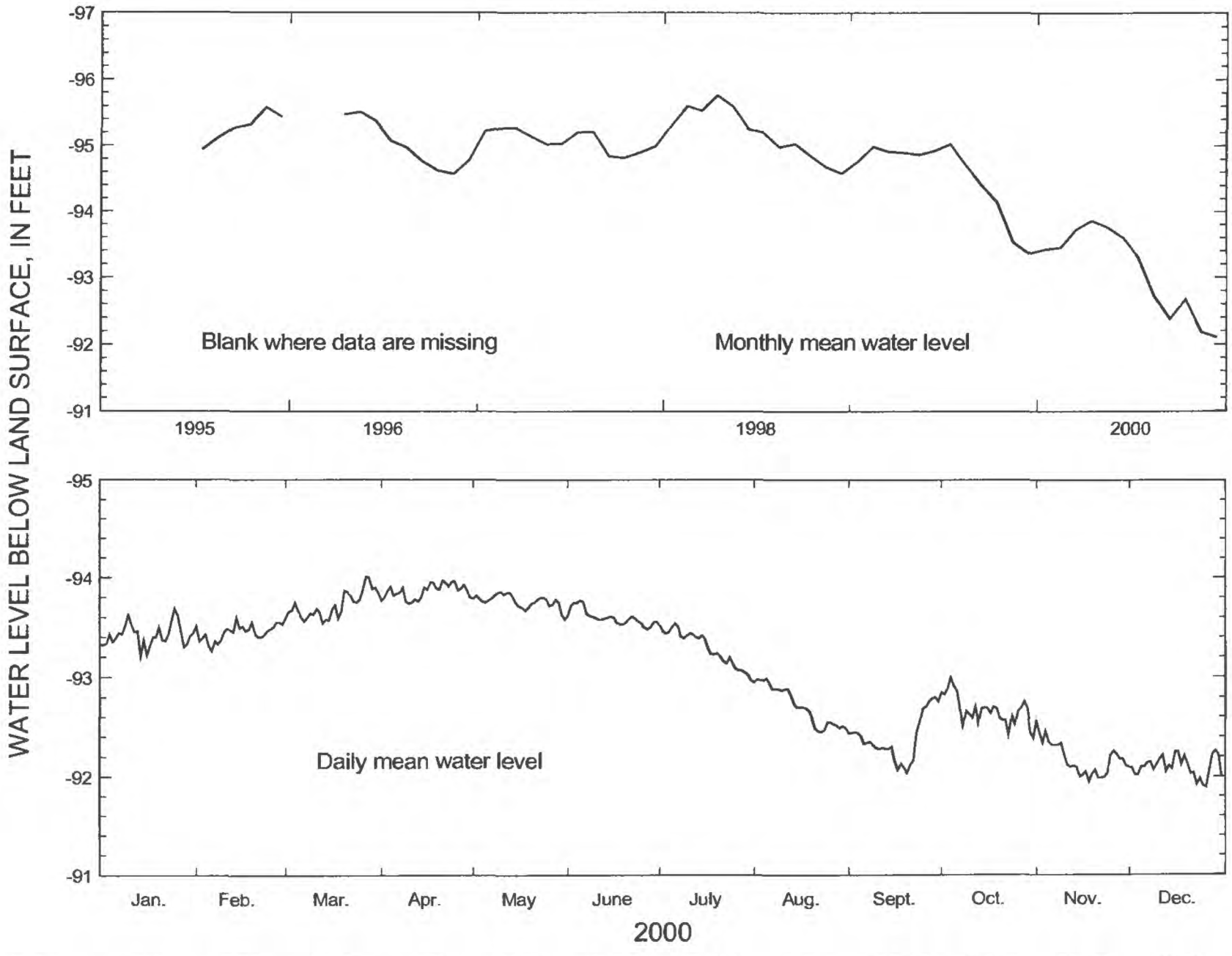


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	96.22	95.95	95.37	95.48	95.86	97.99	99.61	100.67	------	------	100.30	99.47
MEAN	96.69	96.16	95.74	95.63	96.67	99.08	100.19	100.99	------	------	100.50	100.01
LOW	97.04	96.43	95.92	95.87	97.90	99.70	100.90	101.39	------	------	100.66	100.44

SUMMARY FOR 2000 HIGH 95.37 (Mar. 27, 2000) MEAN ------ LOW 101.46 (Sept. 1-2, 2000)

IDENTIFICATION NUMBER. 32Y030.

COUNTY.—Burke
LOCATION.—Lat 33°05′48″, long 81°39′11″, Hydrologic Unit 03060106.
SITE NAME.—Brighams Landing, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Lower Midville.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 and 4 in., depth 1,020 ft, cased 6 in. to 818 and 4 in. from 818 to 920 ft and 970 to 1,020 ft, screen from 920 to 970 ft.
DATUM.—Altitude of land-surface datum is 85 ft.
REMARKS.—Well freeflows 300-330 gallons per minute.
PERIOD OF RECORD.—July 1995 to current year. Continuous record since July 1995.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 96.01 ft above land-surface datum, May 4, 1998; lowest, 91.89 ft above land-surface datum, December 26, 2000.



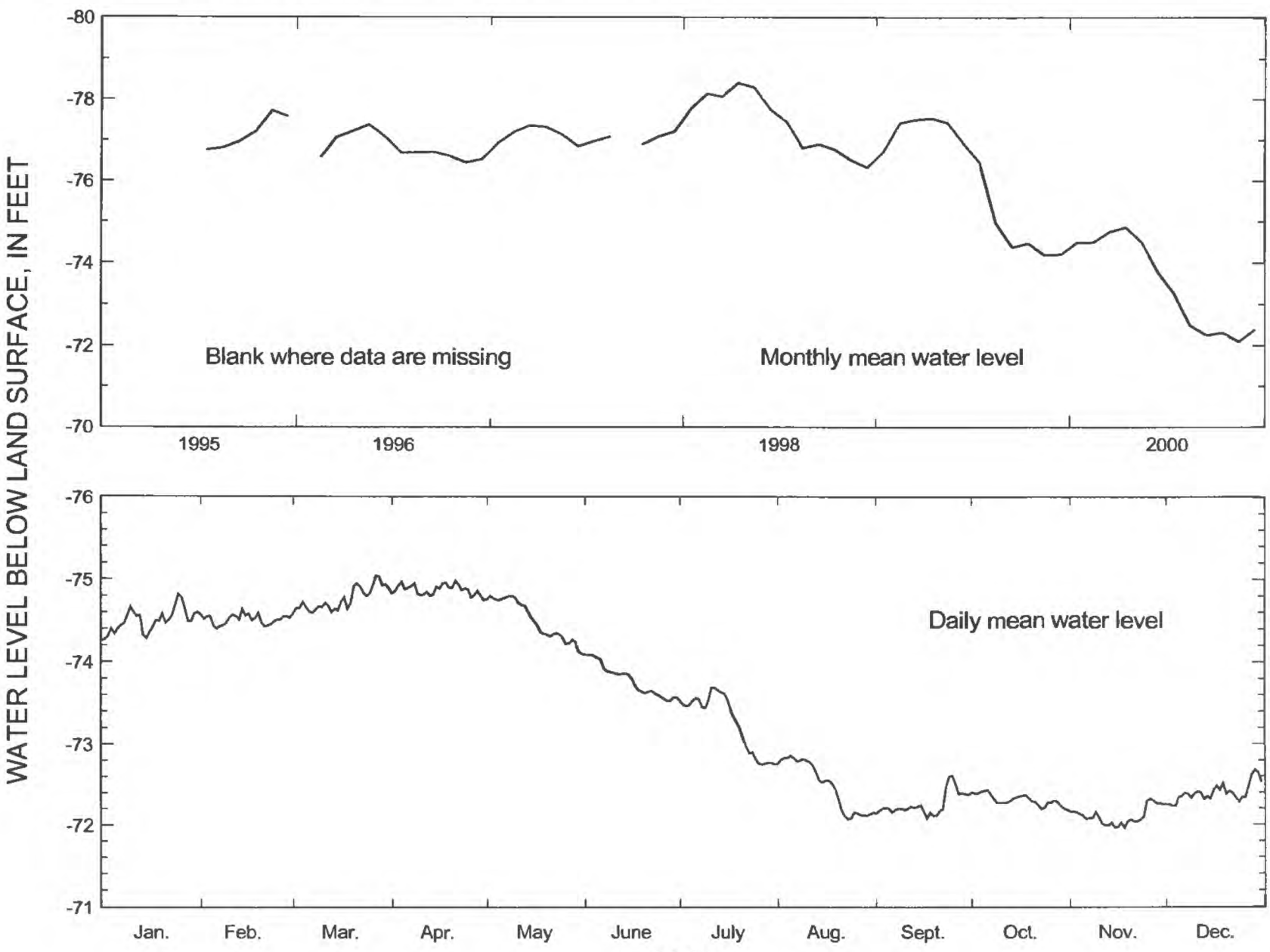
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH -	93.69	-93.60	-94.01	-93.97	-93.86	-93.77	-93.54	-92.99	-92.80	-93.00	-92.57	-92.26
MEAN -	93.42	-93.45	-93.72	-93.86	-93.76	-93.60	-93.30	-92.72	-92.38	-92.67	-92.18	-92.10
LOW -	93.21	-93.26	-93.54	-93.74	-93.58	-93.48	-92.97	-92.45	-92.04	-92.39	-91.95	-91.89

SUMMARY FOR 2000 HIGH -94.01 (Mar. 27, 2000) MEAN -93.10 LOW -91.89 (Dec. 26, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 32Y031.

COUNTY.—Burke
LOCATION.—Lat 35°05′49″, long 81°39′11″, Hydrologic Unit 03060106.
SITE NAME.—Brighams Landing, test well 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Lower Dublin.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 and 4 in., depth 568 ft, 6 in. casing to 490 ft and 4 in. from 490 to 502 ft and 552 to 568 ft, screen from 502 to 552 ft.
DATUM.—Altitude of land-surface datum is 85 ft.
REMARKS.—Well freeflows 200 gallons per minute.
PERIOD OF RECORD.—July 1995 to current year. Continuous record since July 1995.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 78.81 ft above land-surface datum, May 4, 1998; lowest, 71.96 ft above land-surface datum, November 15, 2000.



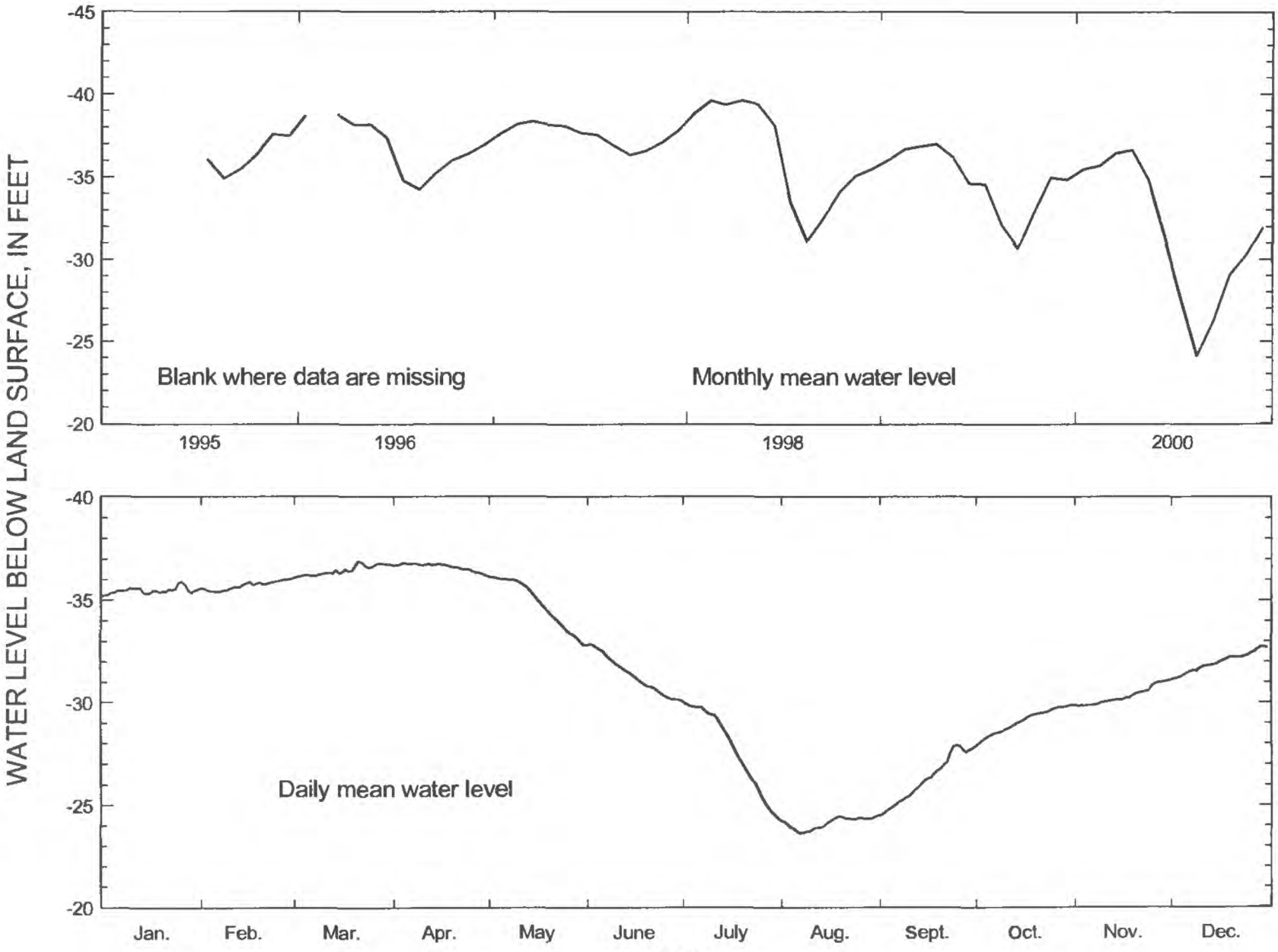
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH -	74.82	-74.64	-75.04	-74.98	-74.80	-74.09	-73.70	-72.86	-72.61	-72.43	-72.32	-72.68
MEAN -	74.50	-74.51	-74.76	-74.87	-74.51	-73.78	-73.27	-72.49	-72.25	-72.31	-72.10	-72.39
LOW -	74.26	-74.40	-74.59	-74.75	-74.10	-73.53	-72.75	-72.07	-72.08	-72.18	-71.96	-72.23

SUMMARY FOR 2000 HIGH -75.04 (Mar. 27, 2000) MEAN -73.48 LOW -71.96 (Nov. 15, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 32Y033.

COUNTY.—Burke
LOCATION.—Lat 33°05′48″, long 81°39′11″, Hydrologic Unit 03060106.
SITE NAME.—Brighams Landing, test well 3.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Gordon aquifer system.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 and 4in., depth 210 ft, 6 in. casing to 125 ft and 4 in. casing form 125 to 150 ft and 200 to 210 ft, screen from 150 to 200 ft.
DATUM.—Altitude of land-surface datum is 85 ft.
REMARKS.—Well freeflows 100-120 gpm (gallons per minute).
PERIOD OF RECORD.—July 1995 to current year. Continuous record since July 1995.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 40.20 ft above land-surface datum, April 22, 1998; lowest, 23.63 ft above land-surface datum, August 7, 2000.

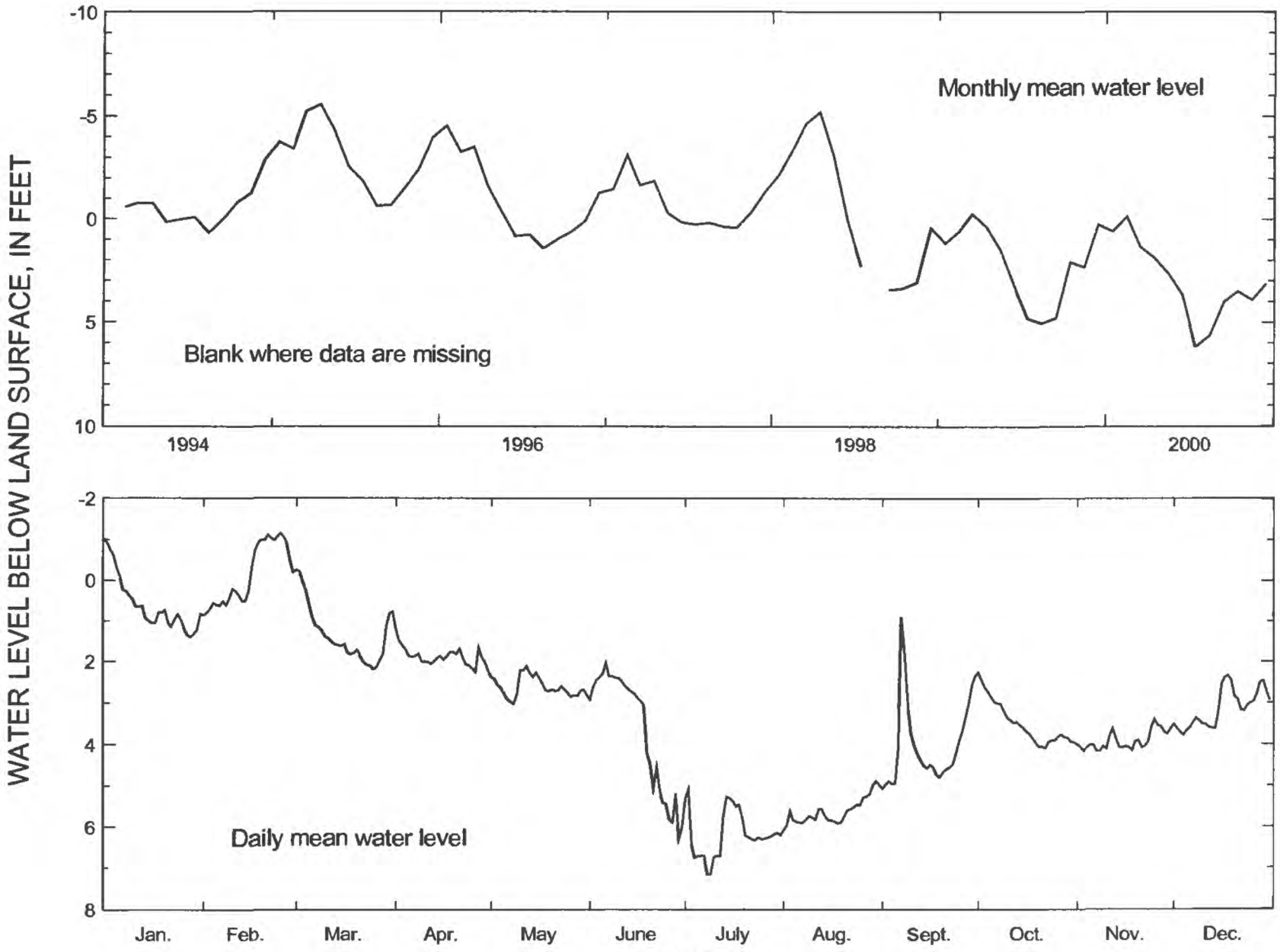


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH -	35.91	-36.03	-36.88	-36.81	-36.14	-32.88	-30.04	-24.48	-27.89	-29.86	-31.07	-32.73
MEAN -	35.47	-35.71	-36.45	-36.62	-34.85	-31.38	-27.74	-24.13	-26.27	-29.06	-30.29	-31.96
LOW -	35.20	-35.40	-36.09	-36.19	-32.83	-30.13	-24.36	-23.63	-24.51	-27.88	-29.82	-31.13

SUMMARY FOR 2000 HIGH -36.88 (Mar. 21, 2000) MEAN -31.64 LOW -23.63 (Aug. 7, 2000)
[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 33D069.

COUNTY.—Camden
LOCATION.—Lat 30°43'13", long 81°33'00", Hydrologic Unit 03070204.
SITE NAME.—U.S. National Park Service, Cumberland Island National Seashore.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 515 ft, cased to 467 ft, open hole.
DATUM.—Altitude of land-surface datum is 8 ft.
REMARKS.—None.
PERIOD OF RECORD.—February 1994 to current year. Continuous record since February 1994.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 8.74 ft above land-surface datum, April 24, 1997; lowest, 7.16 ft below land-surface datum, July 8-9, 2000.



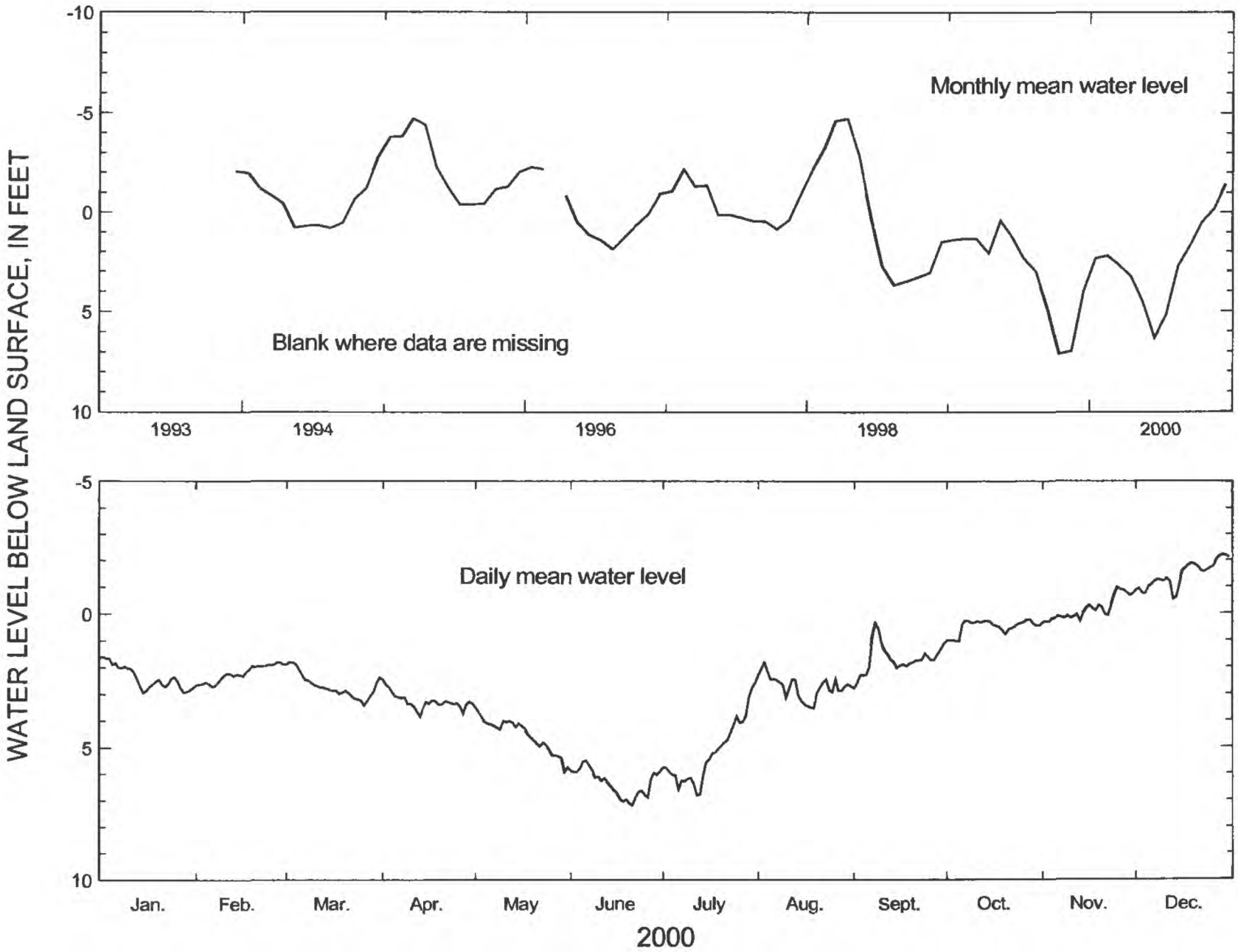
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-1.02	-1.16	-0.26	1.19	2.11	2.03	5.09	4.89	0.90	2.26	3.40	2.34
MEAN	0.58	-0.15	1.33	1.88	2.62	3.66	6.19	5.64	4.01	3.50	3.92	3.14
LOW	1.39	0.85	2.19	2.25	3.02	6.30	7.16	6.09	5.08	4.10	4.17	3.78

SUMMARY FOR 2000 HIGH -1.16 (Feb. 25, 2000) MEAN 3.04 LOW 7.16 (July 8-9, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 33E007.

COUNTY.—Camden
LOCATION.—Lat 30°45′10″, long 81°34′38″, Hydrologic Unit 03070203.
SITE NAME.—Huntly-Jiffy.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled unused domestic well, diameter 3 in., depth 760 ft, cased to 552 ft, open hole.
DATUM.—Altitude of land-surface datum is 18 ft.
REMARKS.—None.
PERIOD OF RECORD.—December 1993 to current year. Continuous record since December 1993.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 5.55 ft above land-surface datum, April 30, 1998; lowest, 7.64 ft below land-surface datum, September 26, 1999.



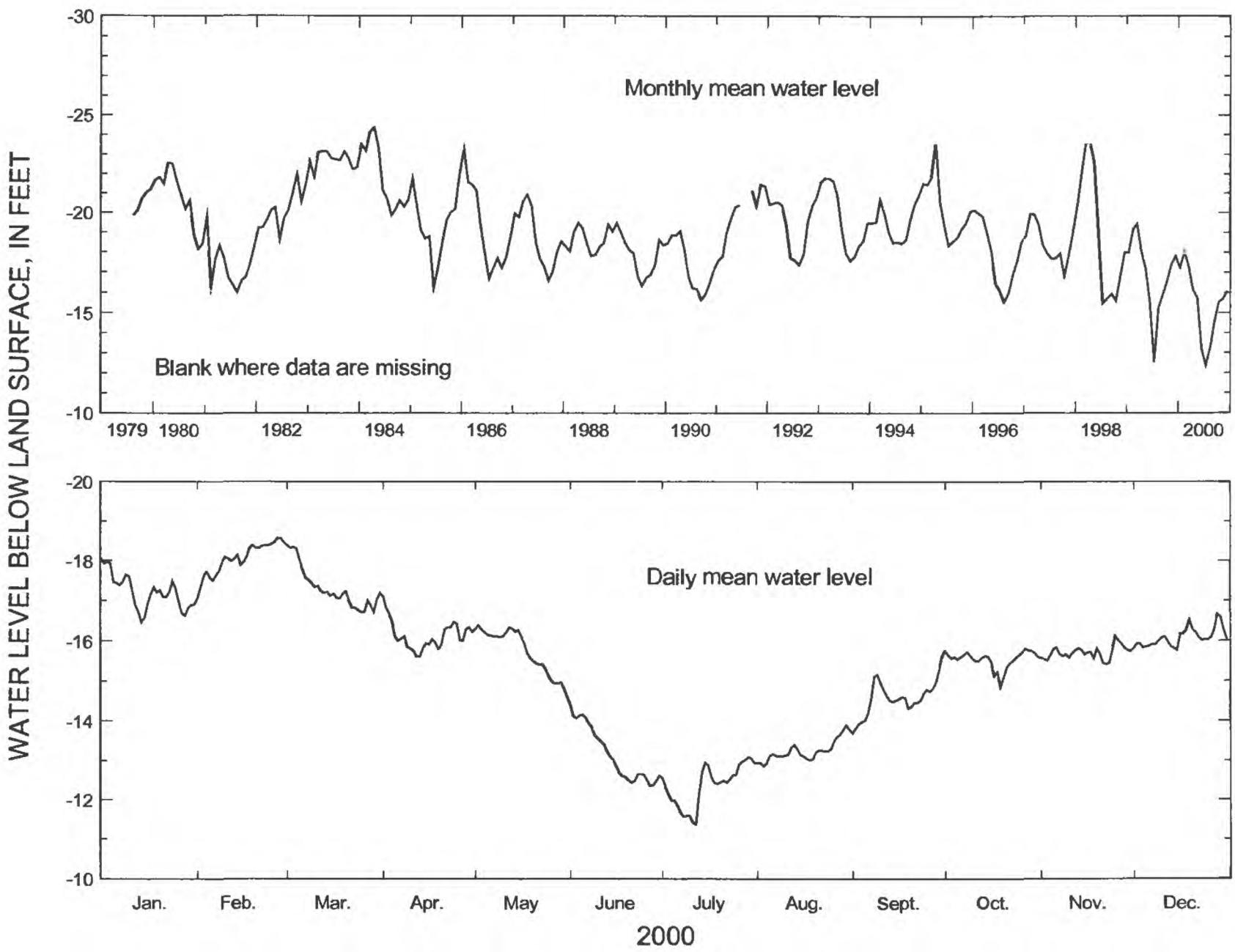
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	1.61	1.82	1.80	2.45	3.49	5.49	2.58	1.80	0.34	0.23	-0.97	-2.20
MEAN	2.36	2.23	2.69	3.27	4.53	6.33	5.19	2.73	1.69	0.49	-0.16	-1.43
LOW	2.94	2.70	3.42	3.84	5.92	7.18	6.81	3.52	2.77	1.02	0.32	-0.51

SUMMARY FOR 2000 HIGH -2.20 (Dec. 29, 2000) MEAN 2.49 LOW 7.18 (June 21, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 33E027.

COUNTY.—Camden
LOCATION.—Lat 30°47′56″, long 81°31′11″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Navy, Kings Bay, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 8 in., original depth 1,306 ft, cased to 555 ft, backfilled to 990 ft, open hole.
DATUM.—Altitude of land-surface datum is 10.0 ft.
REMARKS.—None.
PERIOD OF RECORD.—August 1979 to current year. Continuous record since August 1979.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 24.71 ft above land-surface datum, March 28, 1984, and March 17, 1983; lowest, 9.92 ft above land-surface datum, July 13, 1999.



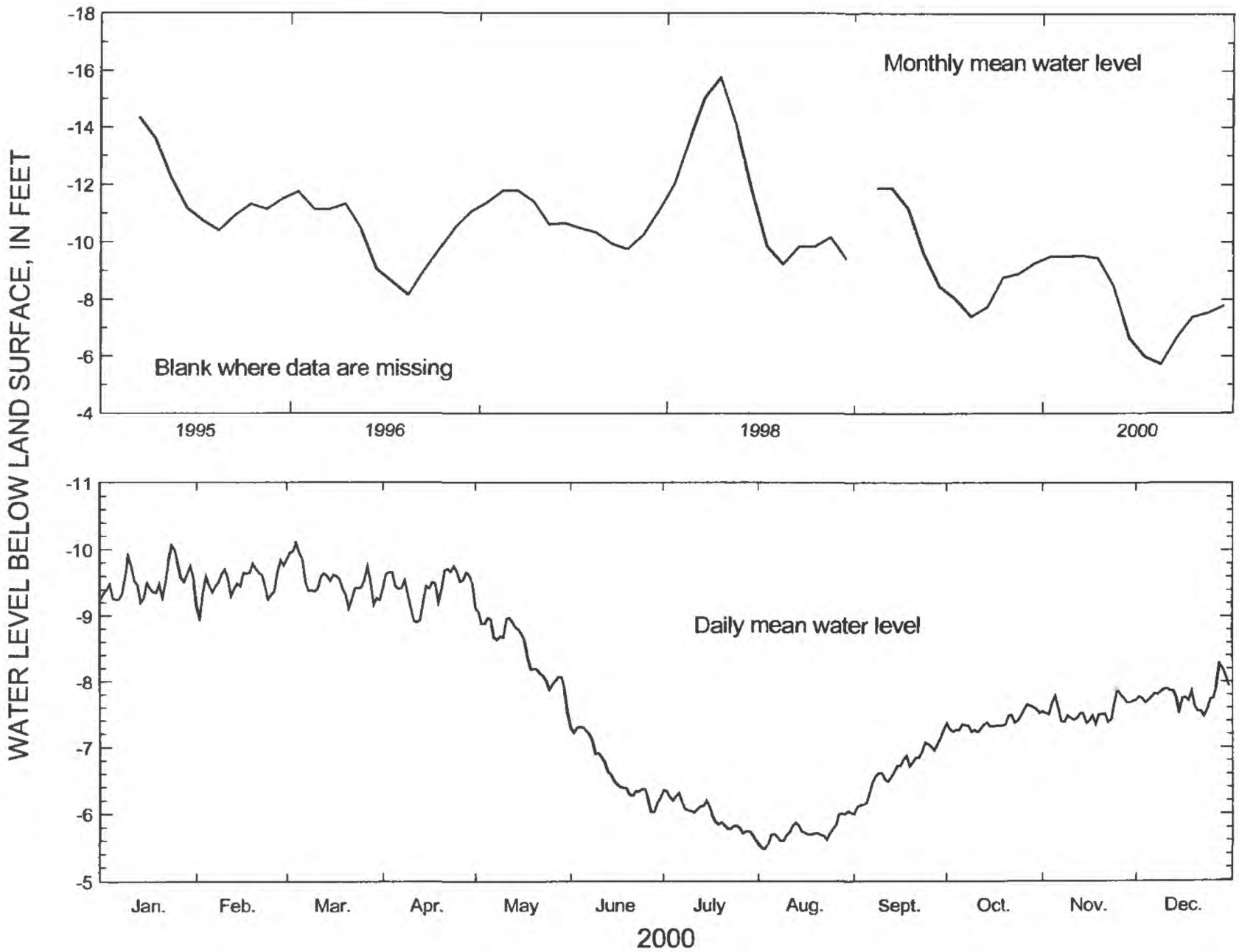
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-18.06	-18.57	-18.38	-17.11	-16.39	-14.42	-13.08	-13.89	-15.59	-15.79	-16.11	-16.66
MEAN	-17.22	-18.05	-17.31	-16.14	-15.74	-13.15	-12.36	-13.24	-14.56	-15.53	-15.69	-16.07
LOW	-16.46	-17.06	-16.72	-15.61	-14.62	-12.35	-11.36	-12.85	-13.69	-14.85	-15.41	-15.76

SUMMARY FOR 2000 HIGH -18.57 (Feb. 27, 2000) MEAN -15.42 LOW -11.36 (July 12, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 33E054.

COUNTY.—Camden
LOCATION.—Lat 30°48′50″, long 81°34′20″, Hydrologic Unit 03070203.
SITE NAME.—Rayland Company No. 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 10 in., depth 640 ft, cased to 63 ft, open hole.
DATUM.—Altitude of land-surface datum is 28 ft.
REMARKS.—None.
PERIOD OF RECORD.—March 1995 to current year. Continuous record since March 1995.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 16.08 ft above land-surface datum, April 9, 1998; lowest, 5.47 ft above land-surface datum, August 3, 2000.



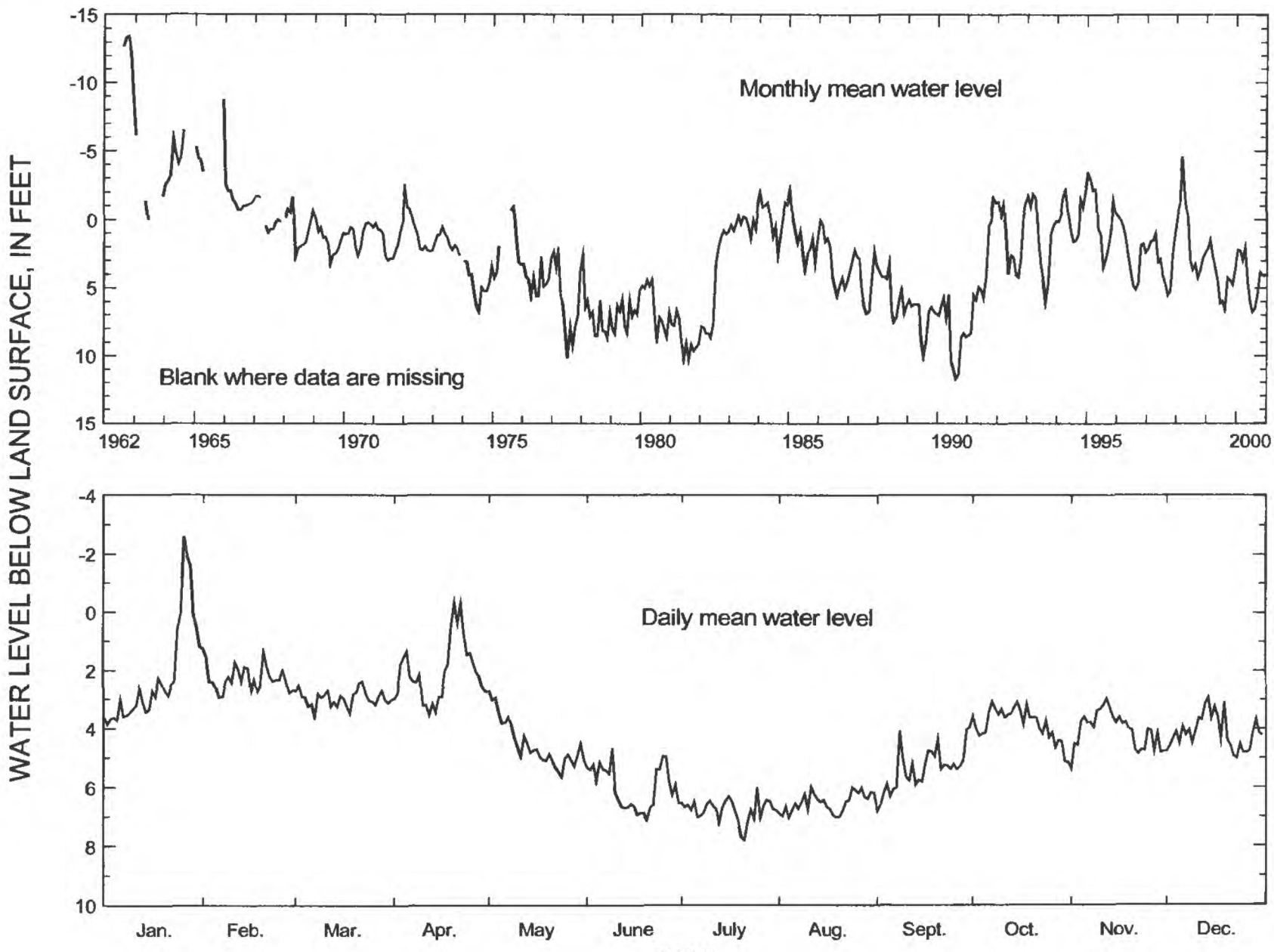
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-10.06	-9.84	-10.10	-9.75	-9.12	-7.30	-6.35	-6.04	-7.26	-7.65	-7.88	-8.27
MEAN	-9.51	-9.51	-9.54	-9.45	-8.48	-6.65	-5.98	-5.73	-6.67	-7.38	-7.54	-7.79
LOW	-9.20	-8.97	-9.11	-8.90	-7.52	-6.02	-5.61	-5.47	-6.00	-7.22	-7.35	-7.48

SUMMARY FOR 2000 HIGH -10.10 (Mar. 4, 2000) MEAN -7.85 LOW -5.47 (Aug. 3, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 33H127.

COUNTY.—Glynn
LOCATION.—Lat 31°10′06″, long 81°30′16″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Geological Survey, test well 3.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan; lower water-bearing zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 1,002 ft, cased to 823 ft, open hole.
DATUM.—Altitude of land-surface datum is 6.2 ft.
REMARKS.—Well pumped and sampled, June 6 and November 24, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—August 1962 to current year. Continuous record since August 1962.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 14.00 ft above land-surface datum, October 9, 1962; lowest, 13.22 ft below land-surface datum, July 9, 1990.



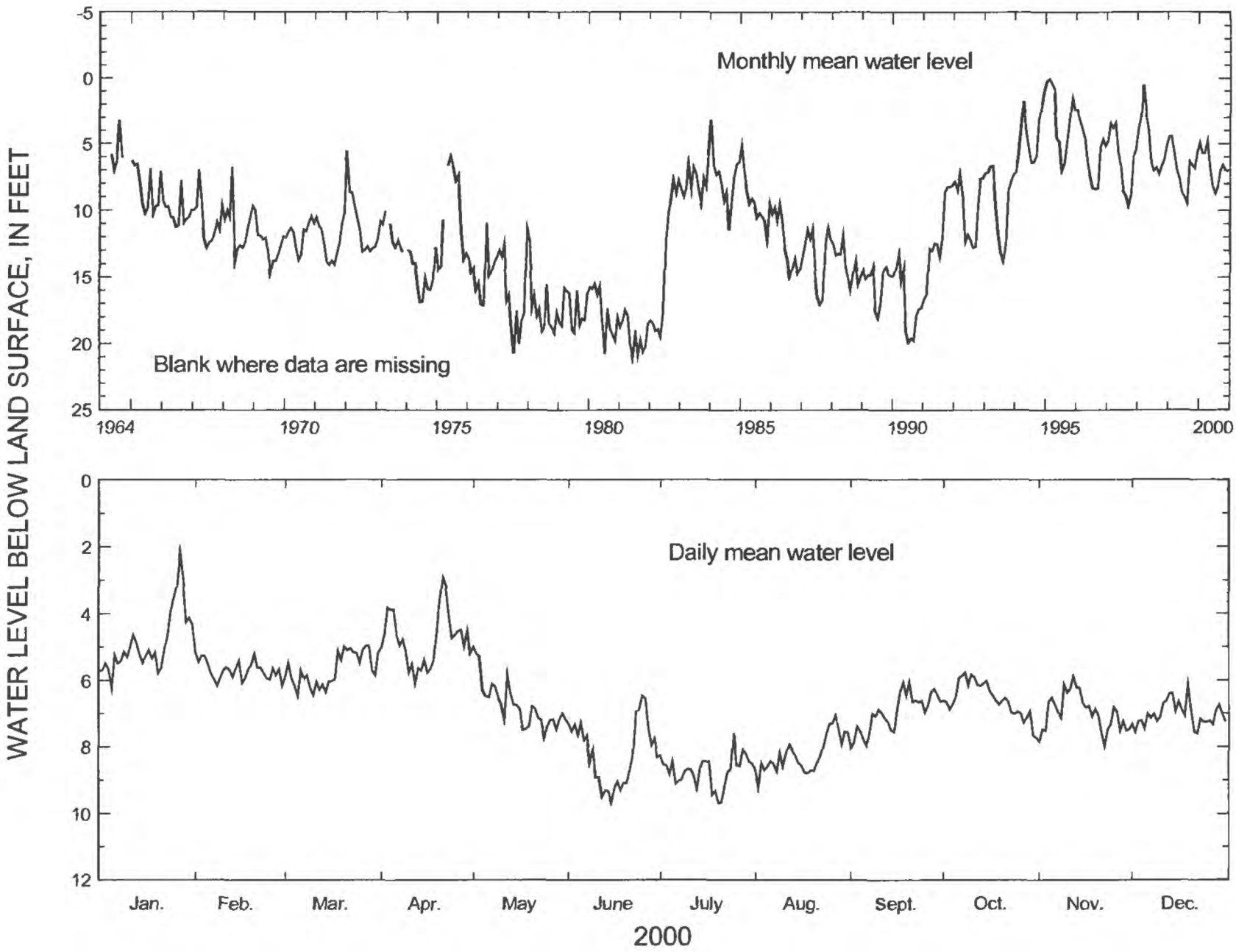
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-2.60	1.24	2.38	-0.34	2.72	4.66	6.00	5.98	3.95	3.07	2.97	2.93
MEAN	2.20	2.25	2.96	2.03	4.53	6.00	6.78	6.52	5.38	3.84	4.05	4.14
LOW	3.85	2.93	3.58	3.54	5.64	7.13	7.79	7.04	6.80	5.14	5.37	5.01

SUMMARY FOR 2000 HIGH -2.60 (Jan. 26, 2000) MEAN 4.23 LOW 7.79 (July 21, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 33H133.

COUNTY.—Glynn
LOCATION.—Lat 31°10′08″, long 81°30′16″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Geological Survey, test well 6.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan; upper water-bearing zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 790 ft, cased to 520 ft, open hole.
DATUM.—Altitude of land-surface datum is 6.7 ft.
REMARKS.—Well pumped and sampled, June 6 and November 15, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—May 1964 to current year. Continuous record since May 1964.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 9.07 ft above land-surface datum, December 26, 1965; lowest, 21.87 ft below land-surface datum, July 22, 1977.

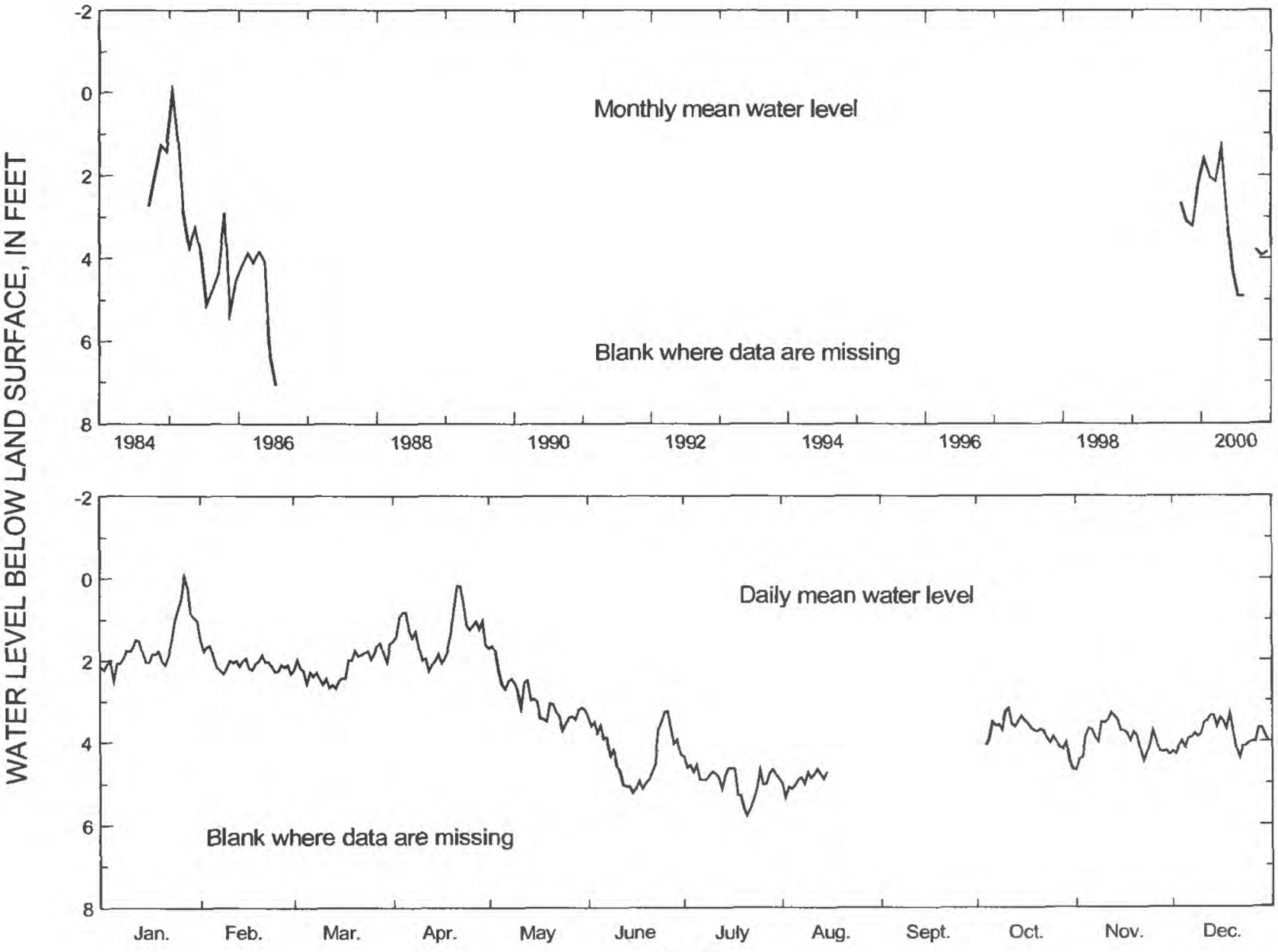


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	2.19	5.16	4.96	2.91	5.00	6.46	7.58	7.05	6.05	5.77	5.88	6.14
MEAN	4.88	5.69	5.68	4.77	6.73	8.19	8.73	8.23	6.97	6.58	6.97	7.05
LOW	6.24	6.16	6.47	6.09	7.75	9.66	9.68	9.23	8.04	7.73	7.99	7.61

SUMMARY FOR 2000 HIGH 2.19 (Jan. 27, 2000) MEAN 6.71 LOW 9.68 (July 20, 2000)

IDENTIFICATION NUMBER. 33H141.

COUNTY.—Glynn
LOCATION.—Lat 31°10′44″, long 81°32′31″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Geological Survey, test well 12.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 3 in., depth 720 ft, cased to 558 ft, open hole.
DATUM.—Altitude of land-surface datum is 12.55 ft.
REMARKS.—Water-level data for period, August 16 to October 3, 2000 are missing.
PERIOD OF RECORD.— May 1984 to July 1986. Continuous record since September 1999.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 3.67 ft above land-surface datum, October 10, 1985; lowest, 8.69ft below land-surface datum, July 21, 1986.



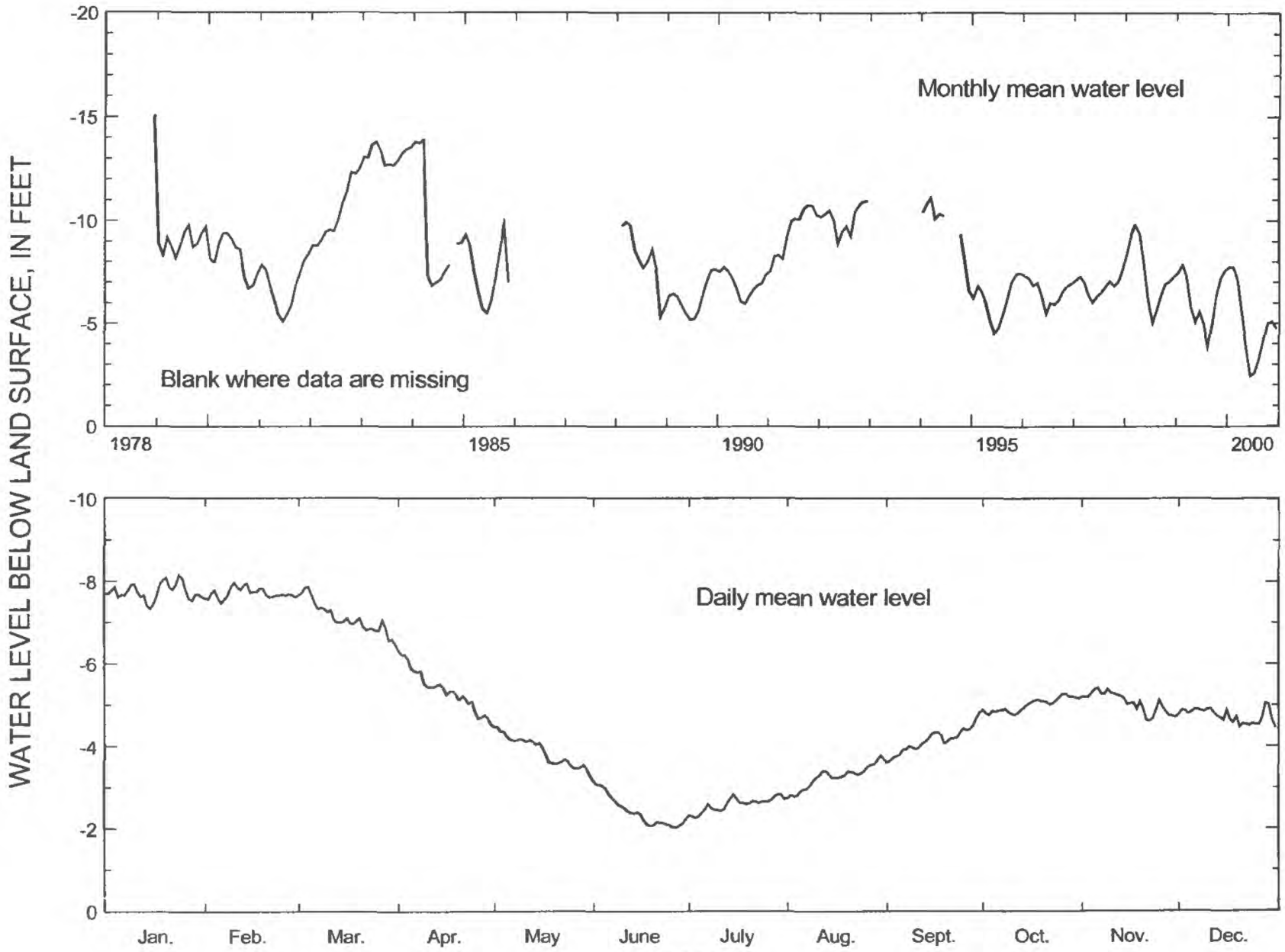
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-0.05	1.46	1.56	0.17	1.64	3.24	4.34	------	------	3.18	3.29	3.31
MEAN	1.60	2.04	2.14	1.35	2.91	4.26	4.91	------	------	3.78	3.93	3.84
LOW	2.51	2.33	2.68	2.26	3.71	5.22	5.77	------	------	4.66	4.68	4.38

SUMMARY FOR 2000 HIGH -0.05 (Jan. 27, 2000) MEAN ------ LOW 5.77 (July 21, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 33H188.

COUNTY.—Glynn
LOCATION.—Lat 31°08′10″, long 81°32′35″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Geological Survey, test well 26.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Lower Floridan; Fernandina permeable zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 10 in., depth 2,720 ft, cased to 2,138 ft, open hole.
DATUM.—Altitude of land-surface datum is 9.37 ft.
REMARKS.—None.
PERIOD OF RECORD.—December 1978 to current year. Continuous record since December 1978.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 17.20 ft above land-surface datum, December 31, 1978, but may have been higher during period of missing record; lowest, 2.03 ft above land-surface datum, August 26-27, 2000.



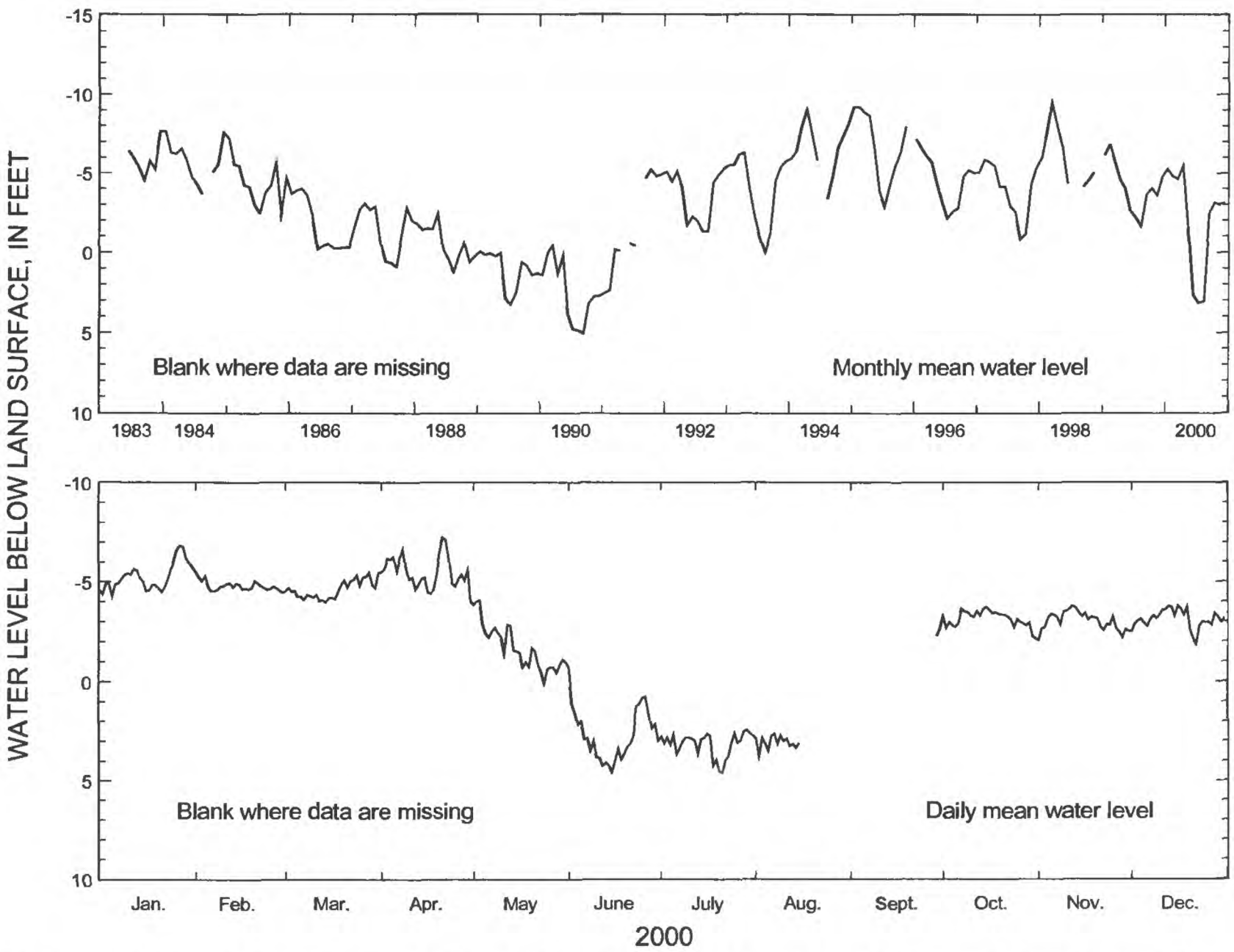
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-8.16	-7.96	-7.87	-6.32	-4.46	-3.17	-2.83	-3.78	-4.80	-5.27	-5.41	-5.05
MEAN	-7.74	-7.71	-7.12	-5.38	-3.88	-2.42	-2.58	-3.26	-4.14	-5.00	-5.06	-4.73
LOW	-7.33	-7.47	-6.48	-4.53	-3.30	-2.03	-2.26	-2.73	-3.61	-4.75	-4.61	-4.45

SUMMARY FOR 2000 HIGH -8.16 (Jan. 24, 2000) MEAN -4.91 LOW -2.03 (June 26-27, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 33H206.

COUNTY.—Glynn
LOCATION.—Lat 31°09′25″, long 81°31′22″, Hydrologic Unit 03070203.
SITE NAME.—Georgia-Pacific, south, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Lower Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 1,100 ft, cased to 1,000 ft, open hole.
DATUM.—Altitude of land-surface datum is 7 ft.
REMARKS.—Well pumped and sampled, June 7, 2000, for analysis of chloride concentration. Water-level data for period, August 16 to September 28, 2000, are missing.
PERIOD OF RECORD.—June 1983 to current year. Continuous record since June 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 15.23 ft above land-surface datum, December 28, 1983; lowest, 5.93 ft below land-surface datum, July 8, 1990.



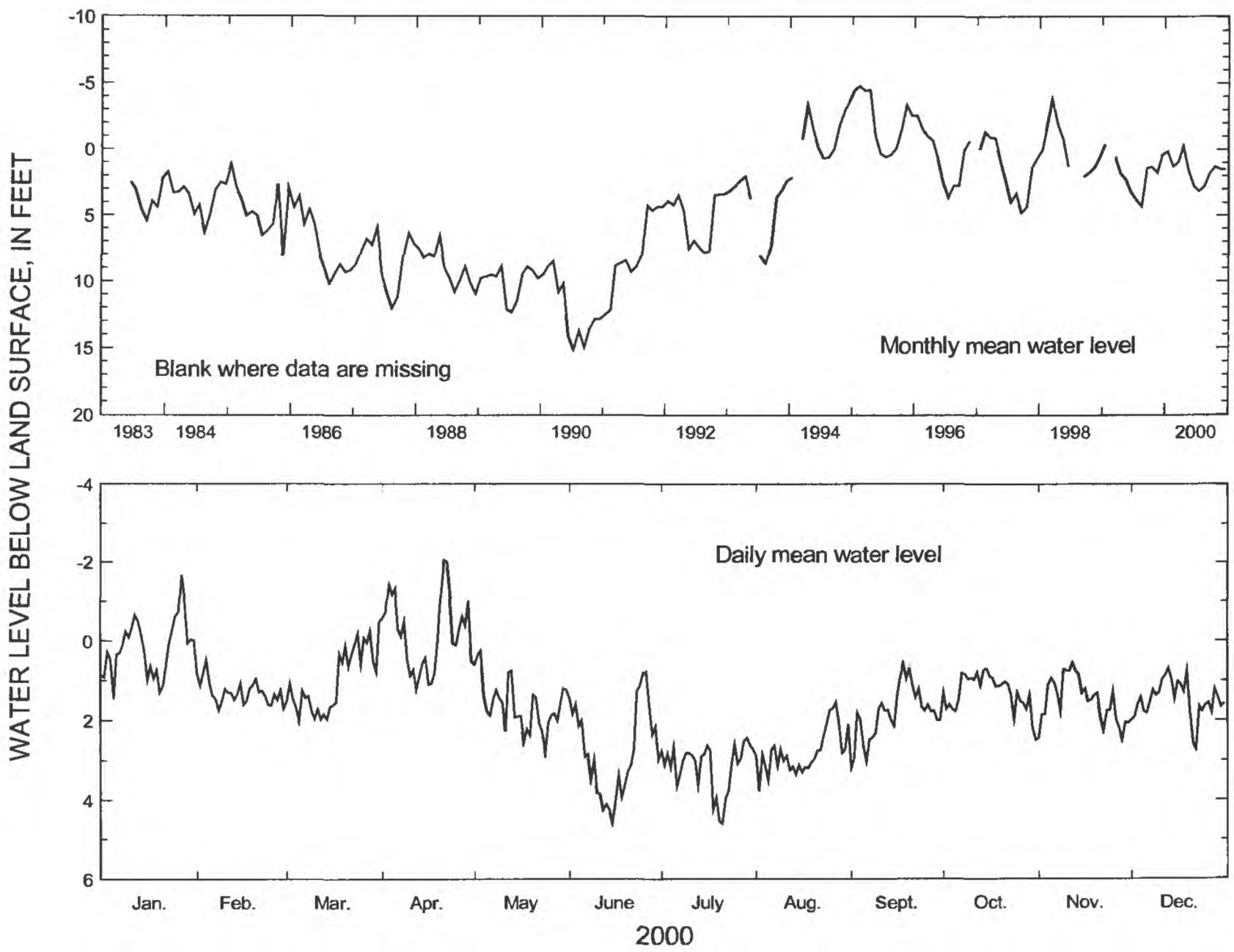
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-6.84	-5.52	-5.48	-7.24	-4.06	-0.69	2.43	------	------	-3.71	-3.77	-3.77
MEAN	-5.27	-4.81	-4.62	-5.49	-1.71	2.67	3.15	------	------	-3.13	-3.02	-3.10
LOW	-4.27	-4.48	-3.99	-4.01	0.06	4.57	4.60	------	------	-2.15	-2.07	-1.87

SUMMARY FOR 2000 HIGH -7.24 (Apr. 21, 2000) MEAN ------ LOW 4.60 (July 21, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 33H207

COUNTY.—Glynn
LOCATION.—Lat 31°09′25″, long 81°31′22″, Hydrologic Unit 03070203.
SITE NAME.—Georgia-Pacific, south, test well 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan; upper water-bearing zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 720 ft, cased to 620 ft, open hole.
DATUM.—Altitude of land-surface datum is 7 ft.
REMARKS.—Well pumped and sampled, June 7, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—June 1983 to current year. Continuous record since June 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 9.86 ft above land-surface datum, November 9, 1995; lowest, 16.57 ft below land-surface datum, September 14, 1990.



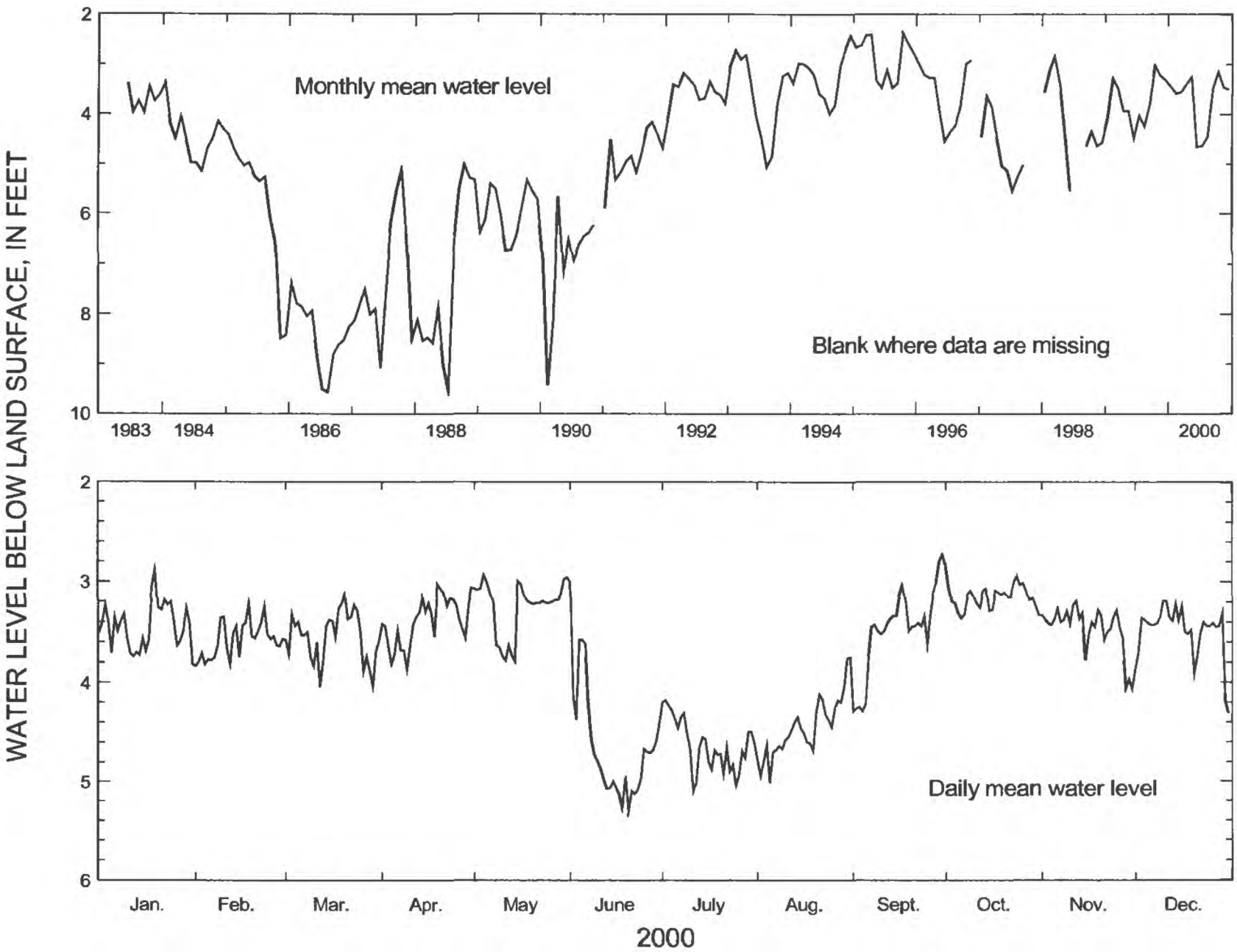
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-1.67	0.48	-0.49	-2.05	0.24	0.77	2.43	1.53	0.58	0.68	0.56	0.70
MEAN	0.17	1.29	0.99	-0.21	1.61	2.77	3.15	2.78	1.81	1.29	1.48	1.49
LOW	1.46	1.74	2.01	1.23	2.79	4.57	4.60	3.78	3.19	2.48	2.47	2.71

SUMMARY FOR 2000 HIGH -2.05 (Apr. 21, 2000) MEAN 1.56 LOW 4.60 (July 21, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 33H208.

COUNTY.—Glynn
LOCATION.—Lat 31°09′25″, long 81°31′22″, Hydrologic Unit 03070203.
SITE NAME.—Georgia-Pacific, south, test well 3.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Surficial (sand of Miocene and post-Miocene age).
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 155 ft, cased to 135 ft, screen 135 to 155 ft.
DATUM.—Altitude of land-surface datum is 7 ft.
REMARKS.—None.
PERIOD OF RECORD.—June 1983 to current year. Continuous record since June 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 1.88 ft below land-surface datum, April 14, 1995, but may have been higher during period of missing record; lowest, 10.04 ft below land-surface datum, August 4, 1986.

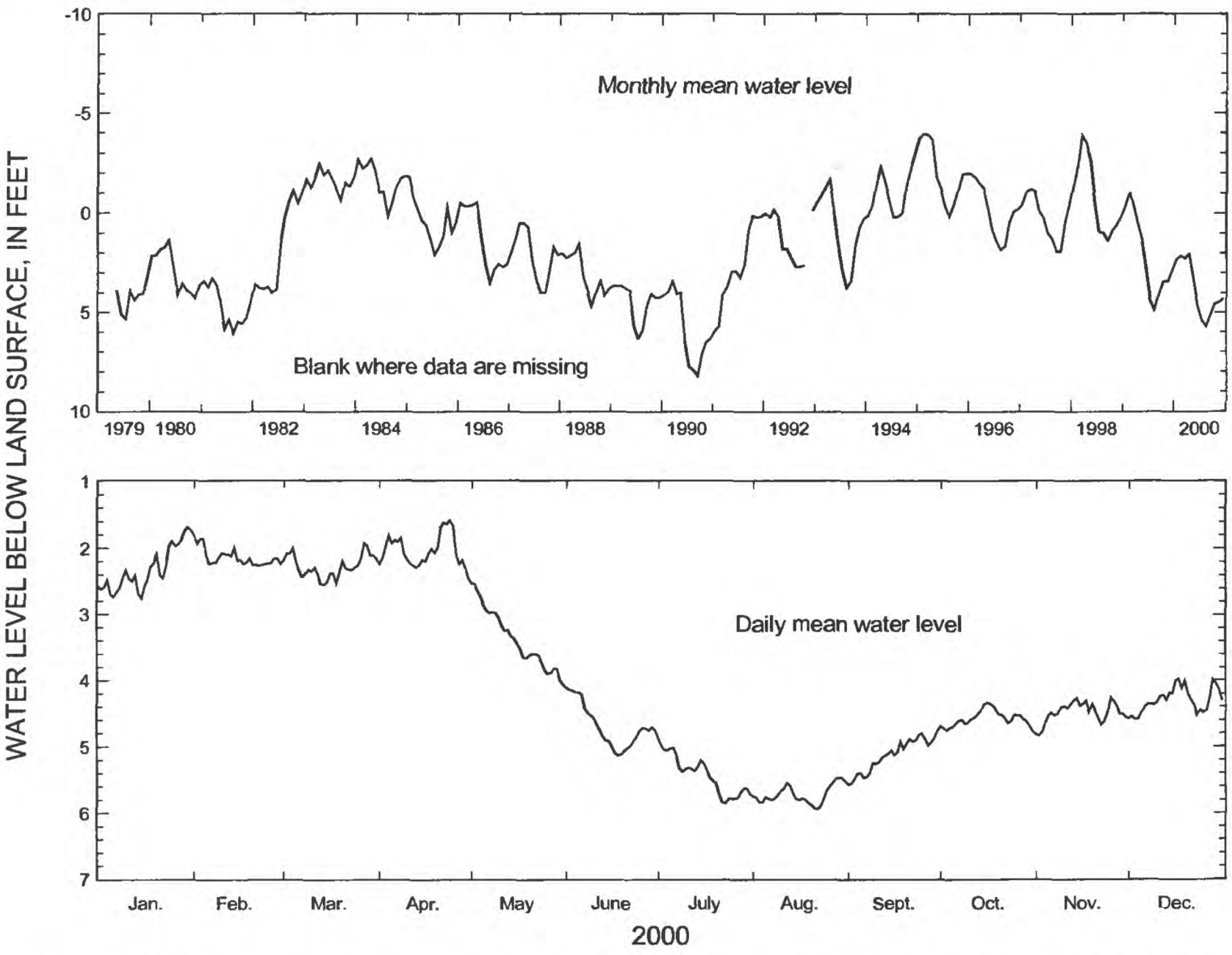


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	2.88	3.21	3.13	3.02	2.93	3.00	4.18	3.75	2.73	2.83	3.19	3.19
MEAN	3.44	3.58	3.55	3.39	3.25	4.65	4.63	4.45	3.48	3.15	3.46	3.50
LOW	3.82	3.84	4.05	3.87	3.79	5.31	5.11	5.02	4.29	3.36	4.07	4.31

SUMMARY FOR 2000 HIGH 2.73 (Sept. 30, 2000) MEAN 3.71 LOW 5.31 (June 20, 2000)

IDENTIFICATION NUMBER. 33J044.

COUNTY.—Glynn
LOCATION.—Lat 31°16′33″, long 81°32′40″, Hydrologic Unit 03070203.
SITE NAME.—Georgia-Pacific, U.S. Geological Survey, test well 27.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Lower Floridan.
WELL CHARACTERISTICS.—Drilled unused oil-test well converted to observation well, diameter 9 in., depth 2,260 ft, cased to 1,079 ft, open hole.
DATUM.—Altitude of land-surface datum is 20 ft.
REMARKS.—This is the "Sterling oil-test well".
PERIOD OF RECORD.—May 1979 to current year. Continuous record since May 1979.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 5.09 ft above land-surface datum, March 28, 1998; lowest, 8.44 ft below land-surface datum, September 19, 1990.

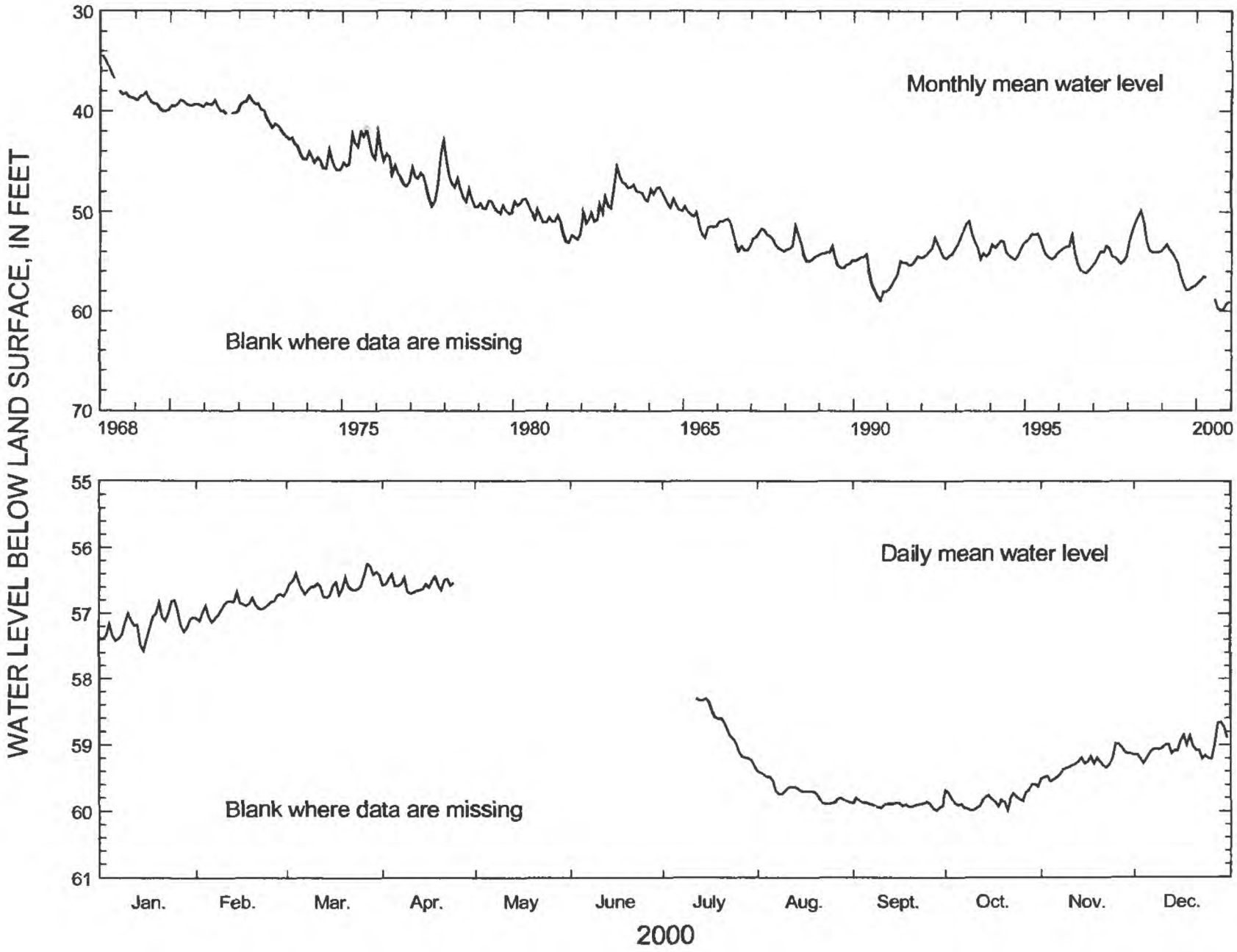


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	1.69	1.81	1.93	1.59	2.53	4.11	4.87	5.47	4.77	4.34	4.26	3.98
MEAN	2.33	2.14	2.27	2.04	3.37	4.69	5.42	5.72	5.13	4.58	4.49	4.31
LOW	2.76	2.26	2.55	2.46	4.06	5.14	5.85	5.94	5.57	4.78	4.84	4.59

SUMMARY FOR 2000 HIGH 1.59 (Apr. 24, 2000) MEAN 3.88 LOW 5.94 (Aug. 22, 2000)

IDENTIFICATION NUMBER. 33M004.

COUNTY.—Long
LOCATION.—Lat 31°38′54″, long 81°36′04″, Hydrologic Unit 03070106.
SITE NAME.—U.S. Geological Survey, test well 3.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 and 3 in., depth 872 ft, cased to 538 ft, open hole.
DATUM.—Altitude of land-surface datum is 61.2 ft.
REMARKS.—Water-level data for period, April 25 to July 11, 2000, are missing.
PERIOD OF RECORD.—January 1968 to current year. Continuous record since January 1968.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 34.04 ft below land-surface datum, January 14, 1968; lowest, 59.99 ft below land-surface datum, September 28, 2000.

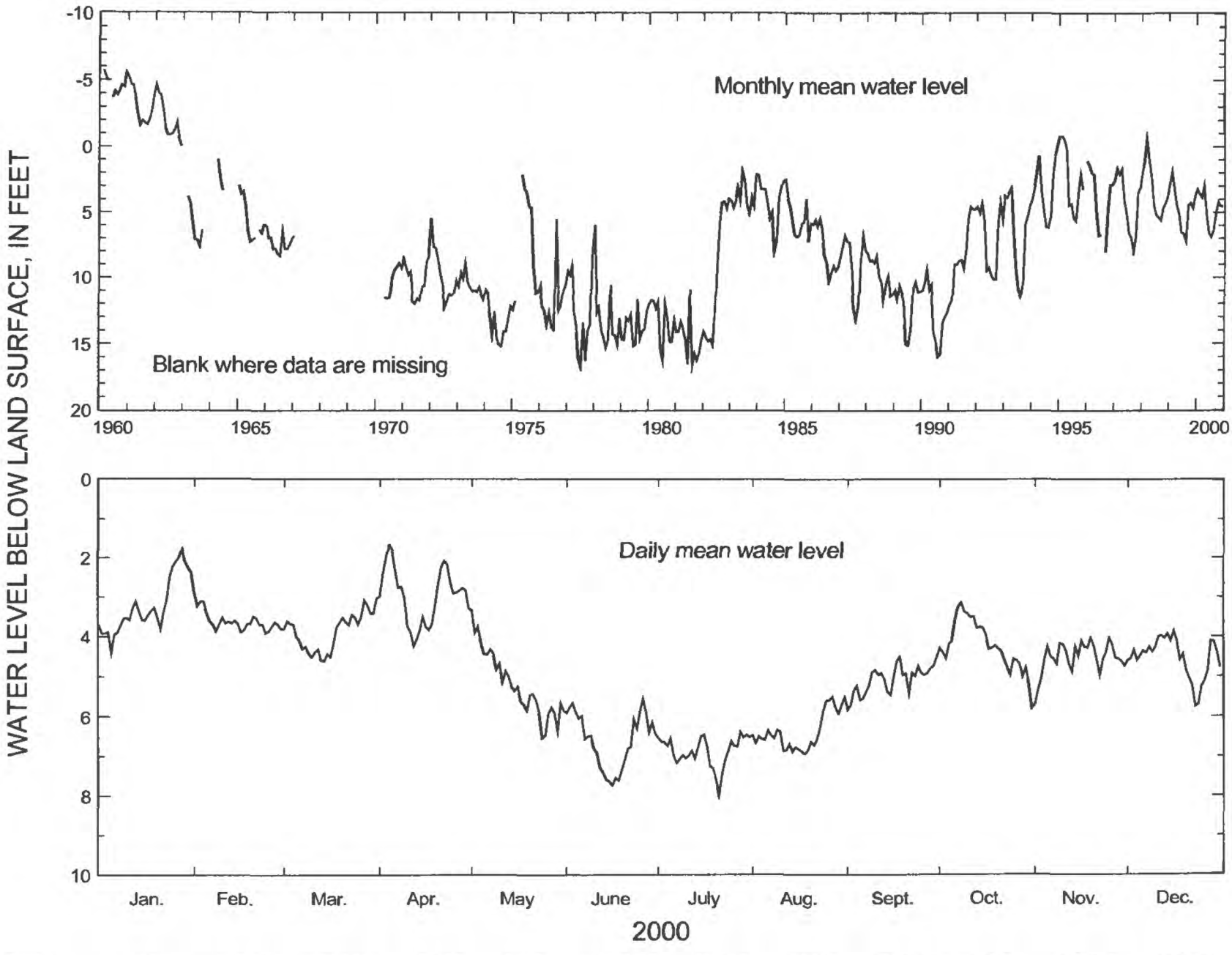


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	56.80	56.67	56.24	------	------	------	------	59.40	59.80	59.59	58.98	58.66
MEAN	57.18	56.89	56.55	------	------	------	------	59.70	59.90	59.82	59.28	59.04
LOW	57.57	57.13	56.75	------	------	------	------	59.89	59.99	59.99	59.55	59.28

SUMMARY FOR 2000 HIGH 56.24 (Mar. 27, 2000) MEAN ------ LOW 59.99 (Sept. 28, 2000)

IDENTIFICATION NUMBER. 34H125.

COUNTY.—Glynn
LOCATION.—Lat 31°09′06″, long 81°29′31″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Geological Survey, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 8 in., depth 604 ft, cased to 535 ft, open hole.
DATUM.—Altitude of land-surface datum is 11.57 ft.
REMARKS.—Well pumped and sampled, June 6, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—February 1960 to current year. Continuous record since May 1970.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 9.50 ft above land-surface datum, December 26, 1960; lowest, 18.68 ft below land-surface datum, June 25, 1980.

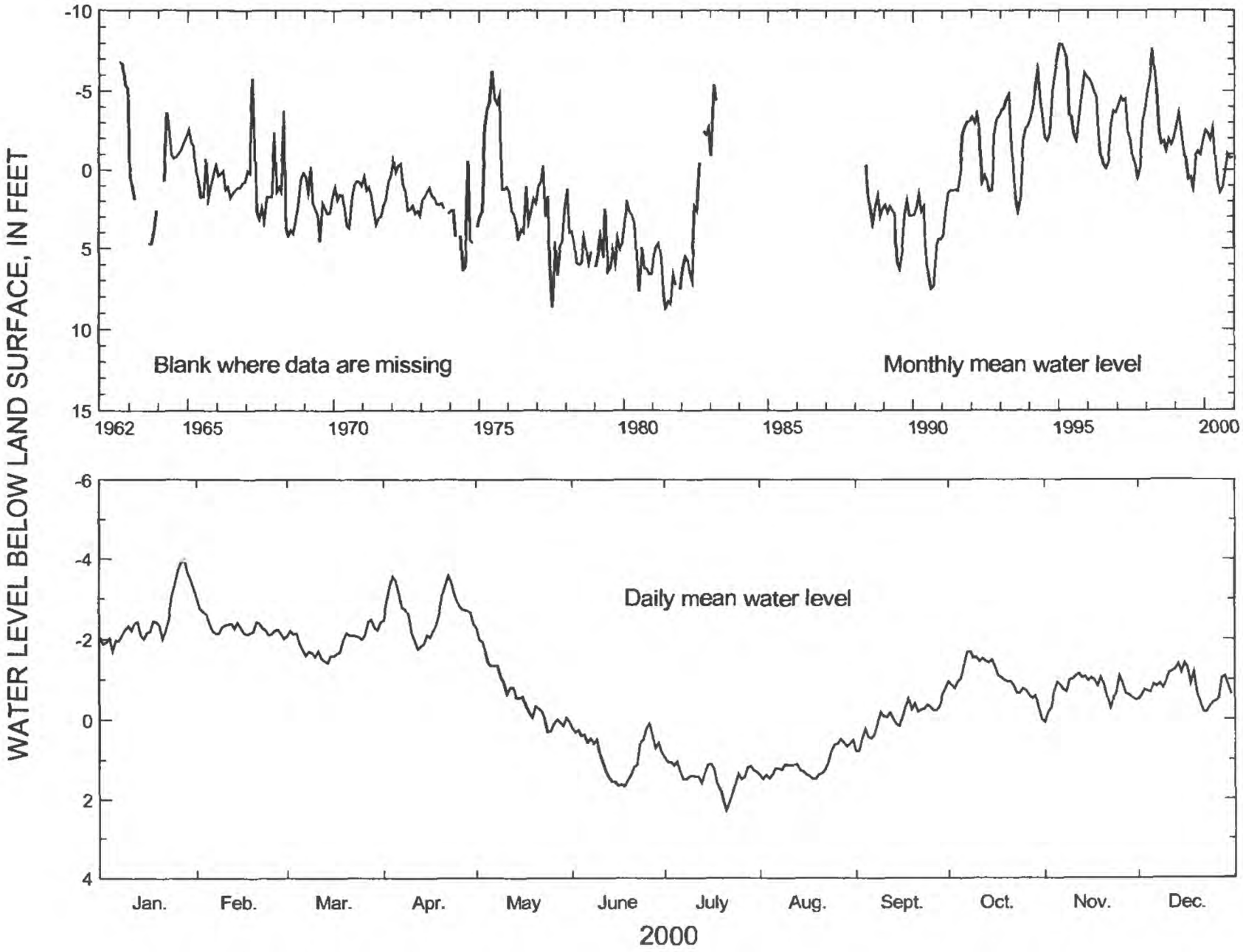


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	1.79	2.88	3.04	1.67	3.34	5.55	6.38	5.50	4.50	3.15	4.03	3.86
MEAN	3.23	3.60	3.87	2.96	5.19	6.59	6.88	6.39	5.07	4.22	4.53	4.53
LOW	4.42	3.90	4.61	4.24	6.53	7.72	7.97	6.95	5.82	5.78	5.69	5.75

SUMMARY FOR 2000 HIGH 1.67 (Apr. 4, 2000) MEAN 4.76 LOW 7.97 (July 21, 2000)

IDENTIFICATION NUMBER. 34H334.

COUNTY.—Glynn
LOCATION.—Lat 31°09′38″, long 81°28′53″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Geological Survey, test well 4.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan; lower water-bearing zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 980 ft, cased to 800 ft, open hole.
DATUM.—Altitude of land-surface datum is 8 ft.
REMARKS.—Well pumped and sampled, June 6, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—September 1962 to current year. Continuous record since May 1988.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 9.32 ft above land-surface datum, March 27, 1998; lowest, 8.65 ft below land-surface datum, June 18, 1981.



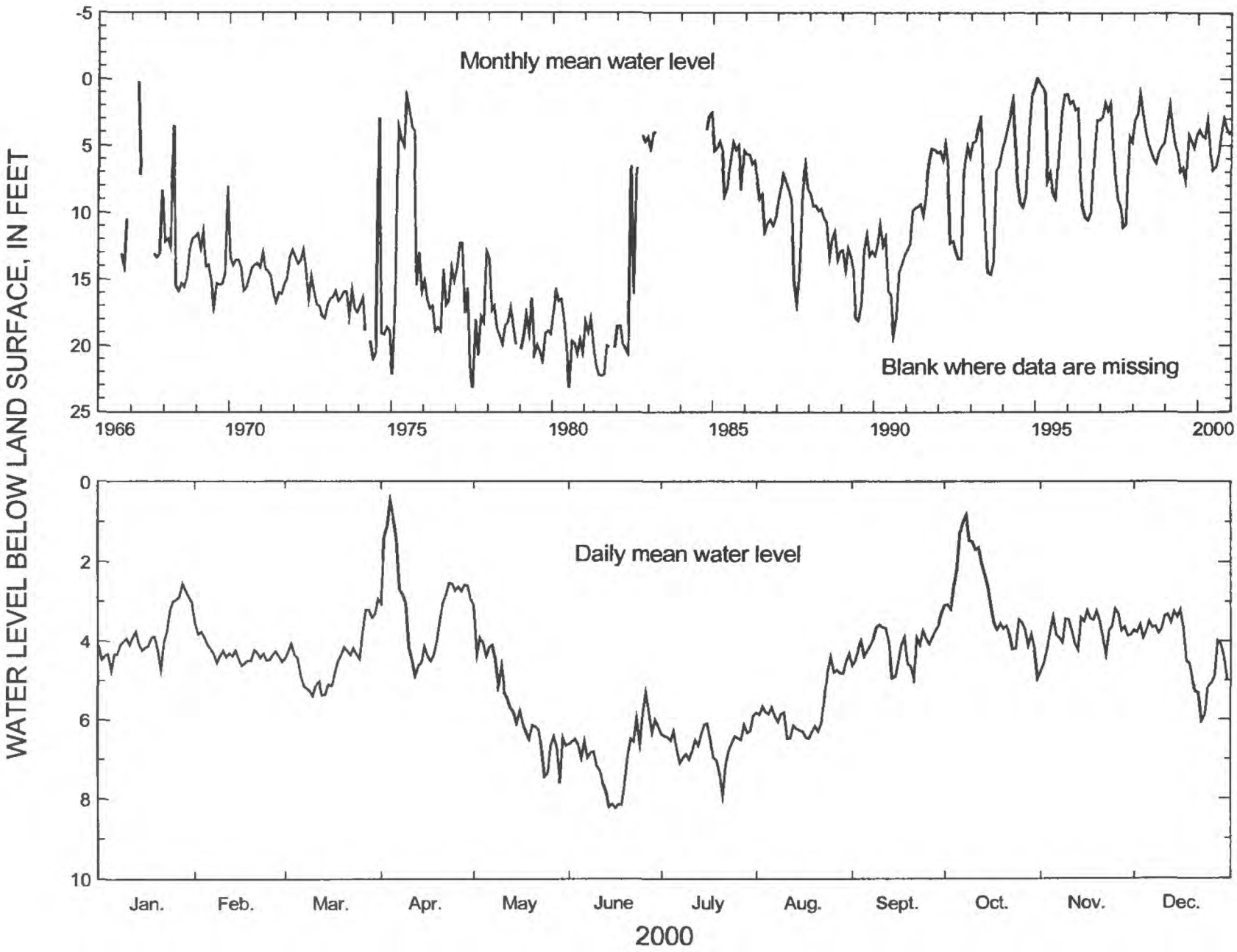
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-3.98	-3.03	-2.49	-3.59	-2.28	0.09	0.94	0.49	-0.79	-1.71	-1.14	-1.40
MEAN	-2.52	-2.32	-1.93	-2.69	-0.64	0.85	1.42	1.12	-0.06	-1.03	-0.76	-0.82
LOW	-1.71	-2.02	-1.42	-1.76	0.30	1.68	2.28	1.49	0.79	0.00	0.07	-0.19

SUMMARY FOR 2000 HIGH -3.98 (Jan. 28, 2000) MEAN -0.77 LOW 2.28 (July 21, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 34H344.

COUNTY.—Glynn
LOCATION.—Lat 31°09′38″, long 81°28′53″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Geological Survey, test well 7.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan; upper water-bearing zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 770 ft, cased to 505 ft, open hole.
DATUM.—Altitude of land-surface datum is 8 ft.
REMARKS.—Well pumped and sampled, June 6, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—December 1964 to current year. Continuous record since October 1984.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 3.58 ft above land-surface datum, September 15, 1999; lowest, 23.20 ft below land-surface datum, July 22, 1980.

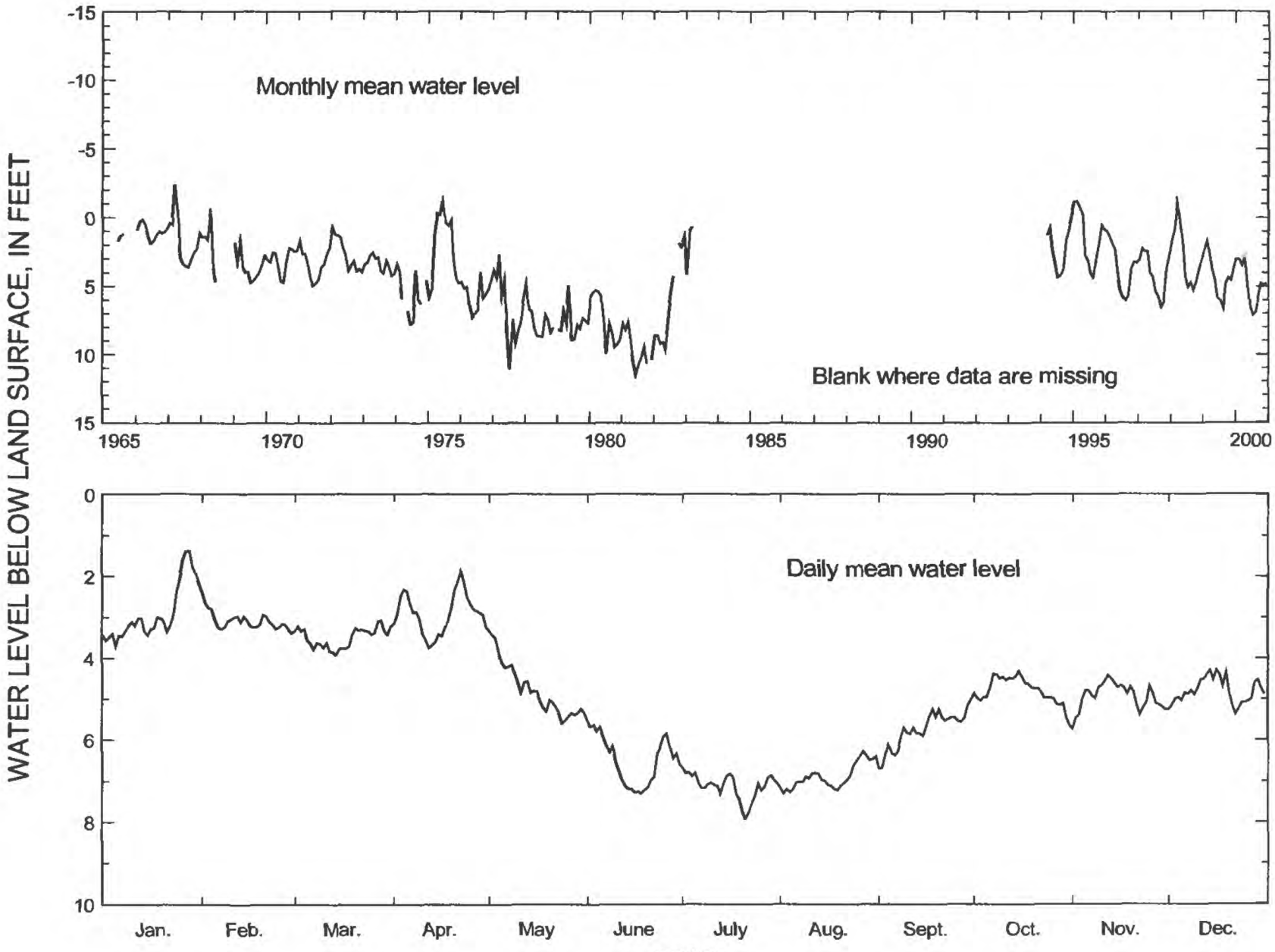


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	2.55	3.53	2.94	0.47	3.10	5.29	5.90	4.31	3.31	0.83	3.18	3.20
MEAN	3.83	4.29	4.44	3.06	5.67	6.89	6.64	5.70	4.12	2.96	3.75	4.19
LOW	4.75	4.62	5.39	4.87	7.61	8.23	7.94	6.49	4.95	4.95	4.76	6.04

SUMMARY FOR 2000 HIGH 0.47 (Apr. 4, 2000) MEAN 4.63 LOW 8.23 (June 16, 2000)

IDENTIFICATION NUMBER. 34H354.

COUNTY.—Glynn
LOCATION.—Lat 31°09′24″, long 81°29′52″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Geological Survey, test well 8.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan; lower water-bearing zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 1,003 ft, cased to 804 ft, open hole.
DATUM.—Altitude of land-surface datum is 13.76 ft.
REMARKS.—Well pumped and sampled, June 6, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—June 1965 to current year. Continuous record since March 1994.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 4.00 ft above land-surface datum, March 20, 1967; lowest, 11.50 ft below land-surface datum, June 19, 1981.

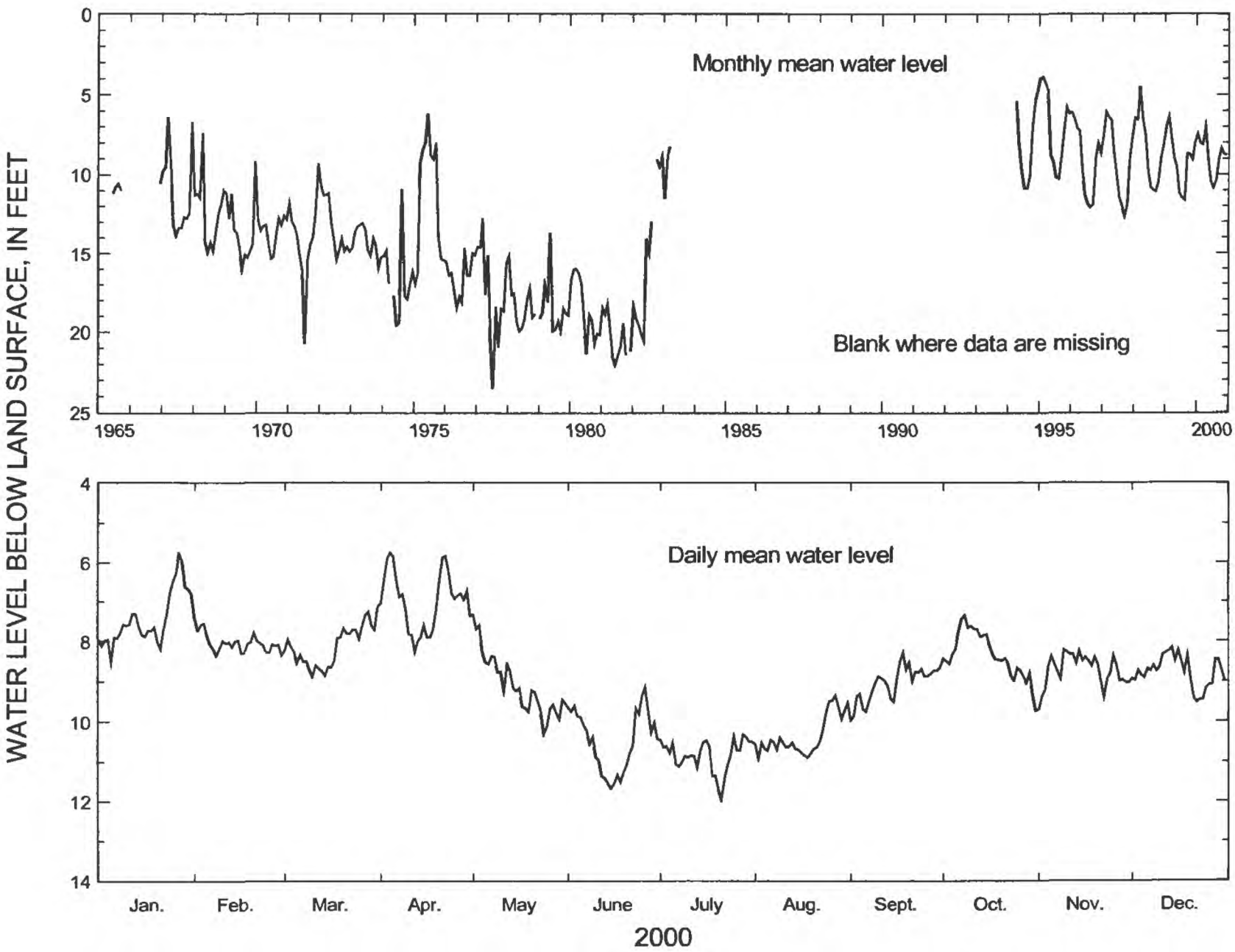


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	1.38	2.37	3.07	1.87	3.32	5.53	6.67	6.27	5.01	4.30	4.41	4.29
MEAN	2.90	3.07	3.48	2.90	4.76	6.48	7.12	6.89	5.75	4.79	4.93	4.81
LOW	3.71	3.37	3.91	3.74	5.59	7.30	7.92	7.30	6.69	5.64	5.73	5.37

SUMMARY FOR 2000 HIGH 1.38 (Jan. 27-28, 2000) MEAN 4.83 LOW 7.92 (July 21, 2000)

IDENTIFICATION NUMBER. 34H355.

COUNTY.—Glynn
LOCATION.—Lat 31°09′24″, long 81°29′52″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Geological Survey, test well 9.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan; upper water-bearing zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 785 ft, cased to 523 ft, open hole.
DATUM.—Altitude of land-surface datum is 14 ft.
REMARKS.—Well pumped and sampled, June 6, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—June 1965 to current year. Continuous record since April 1994.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 0.97 ft below land-surface datum, December 27, 1967; lowest, 26.54 ft below land-surface datum, July 19, 1971.

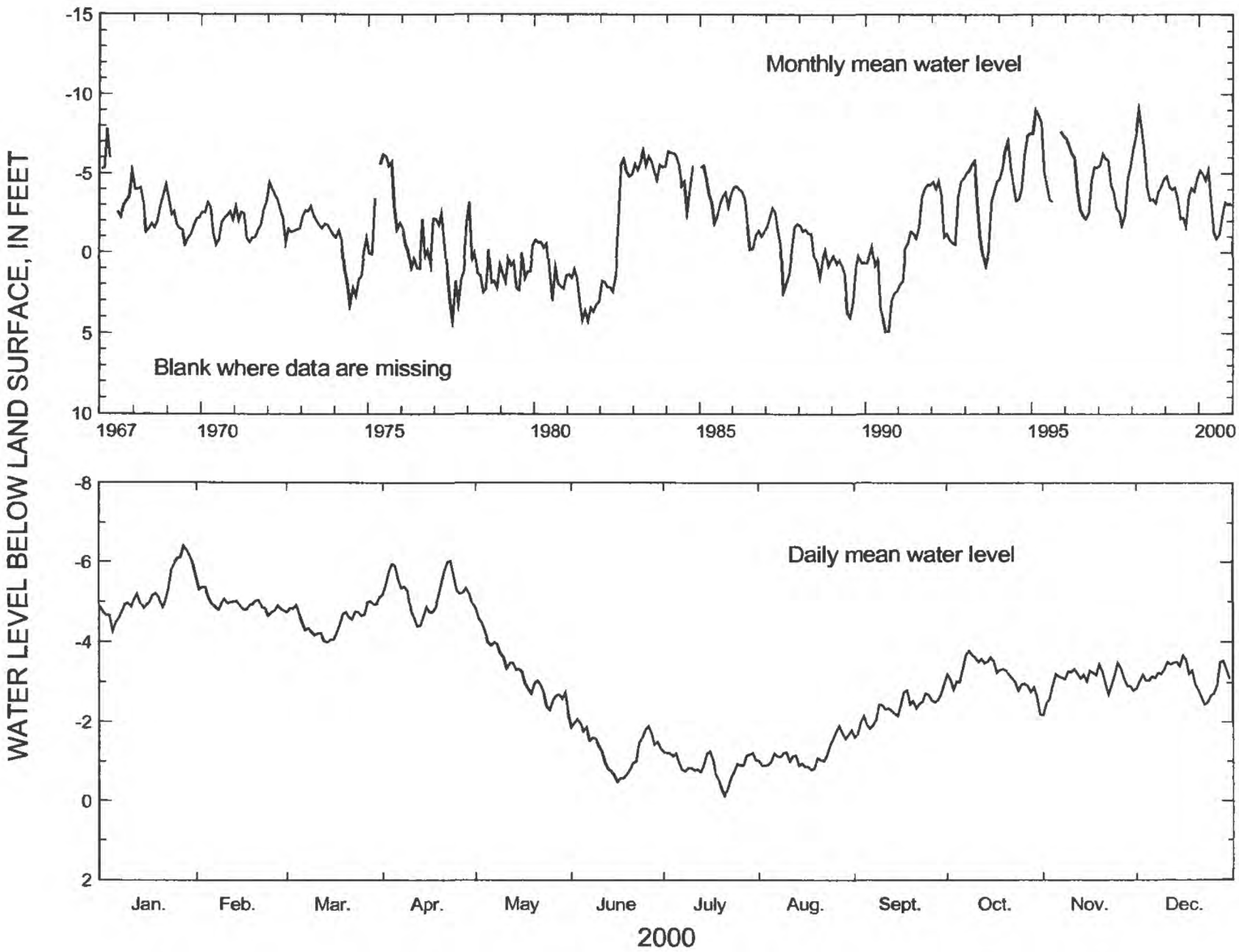


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	5.77	7.40	7.13	5.75	7.33	9.13	10.31	9.34	8.28	7.35	8.22	8.17
MEAN	7.44	8.03	8.12	6.97	9.08	10.48	10.85	10.36	9.05	8.34	8.73	8.78
LOW	8.54	8.36	8.87	8.27	10.30	11.67	11.95	10.93	9.97	9.73	9.70	9.53

SUMMARY FOR 2000 HIGH 5.75 (Apr. 4, 2000) MEAN 8.86 LOW 11.95 (July 21, 2000)

IDENTIFICATION NUMBER. 34H371.

COUNTY.—Glynn
LOCATION.—Lat 31°08′18″, long 81°30′16″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Geological Survey, test well 11.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan; upper water-bearing zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 3 and 2 in., depth 719 ft, cased to 512 ft, open hole.
DATUM.—Altitude of land-surface datum is 9.8 ft.
REMARKS.—Well pumped and sampled, June 5, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—January 1967 to current year. Continuous record since January 1967.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 10.26 ft above land-surface datum, March 25, 1998; lowest, 5.64 ft below land-surface datum, September 14, 1990.



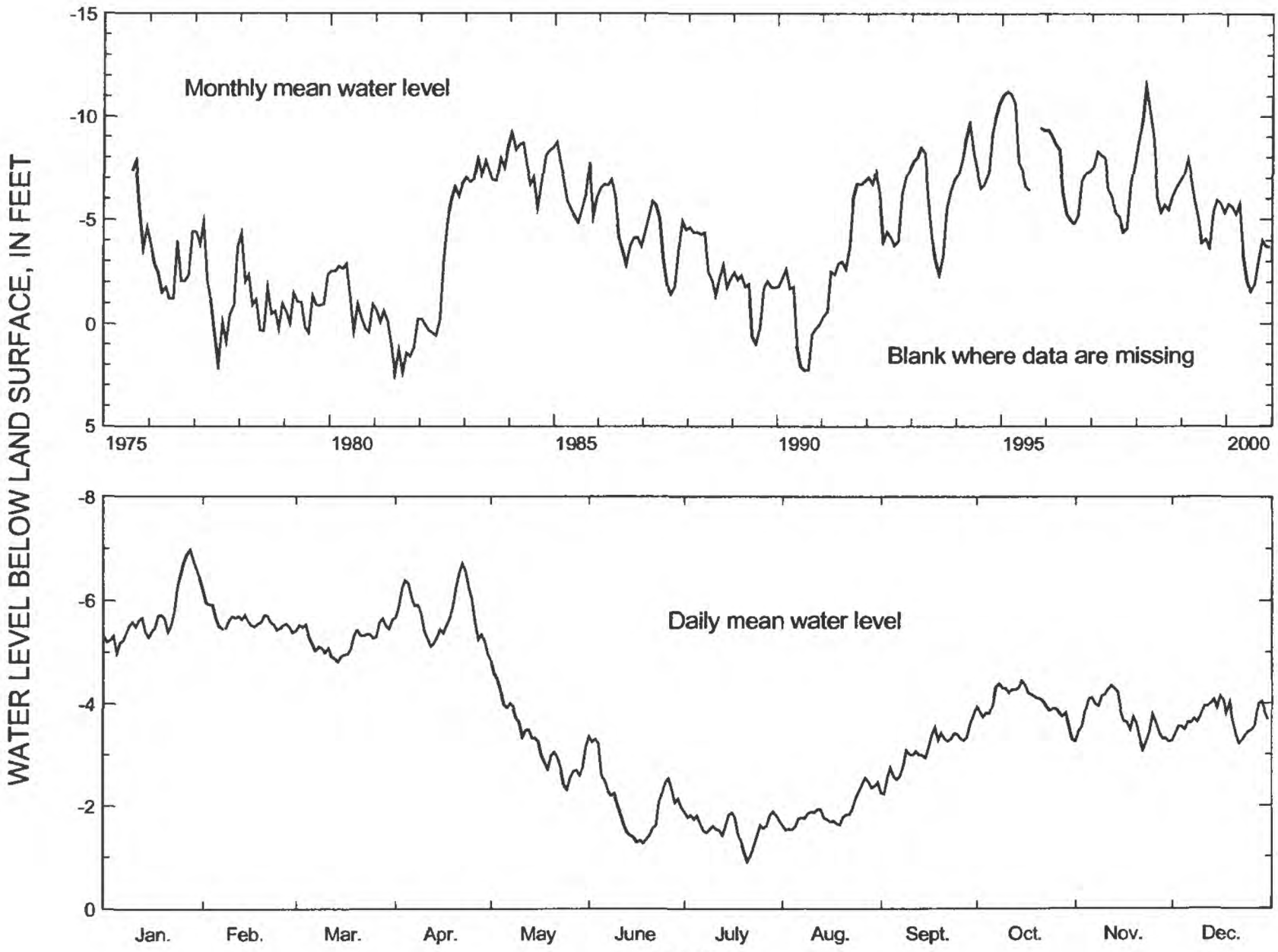
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-6.40	-5.64	-5.12	-6.03	-4.83	-2.07	-1.25	-1.90	-2.97	-3.79	-3.49	-3.67
MEAN	-5.20	-4.98	-4.56	-5.24	-3.29	-1.33	-0.88	-1.18	-2.35	-3.20	-3.06	-3.14
LOW	-4.26	-4.66	-3.99	-4.40	-2.23	-0.48	-0.13	-0.78	-1.62	-2.19	-2.18	-2.44

SUMMARY FOR 2000 HIGH -6.40 (Jan. 28, 2000) MEAN -3.19 LOW -0.13 (July 21, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 34H391.

COUNTY.—Glynn
LOCATION.—Lat 31°08′18″, long 81°29′42″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Geological Survey, test well 16.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Lower Floridan; brackish-water zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 1,150 ft, cased to 1,070 ft, open hole.
DATUM.—Altitude of land-surface datum is 7.13 ft.
REMARKS.—Well pumped and sampled, June 5, and November 15, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—August 1975 to current year. Continuous record since August 1975.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 12.85 ft above land-surface datum, March 27, 1998; lowest, 2.96 ft below land-surface datum, July 27, 1977.



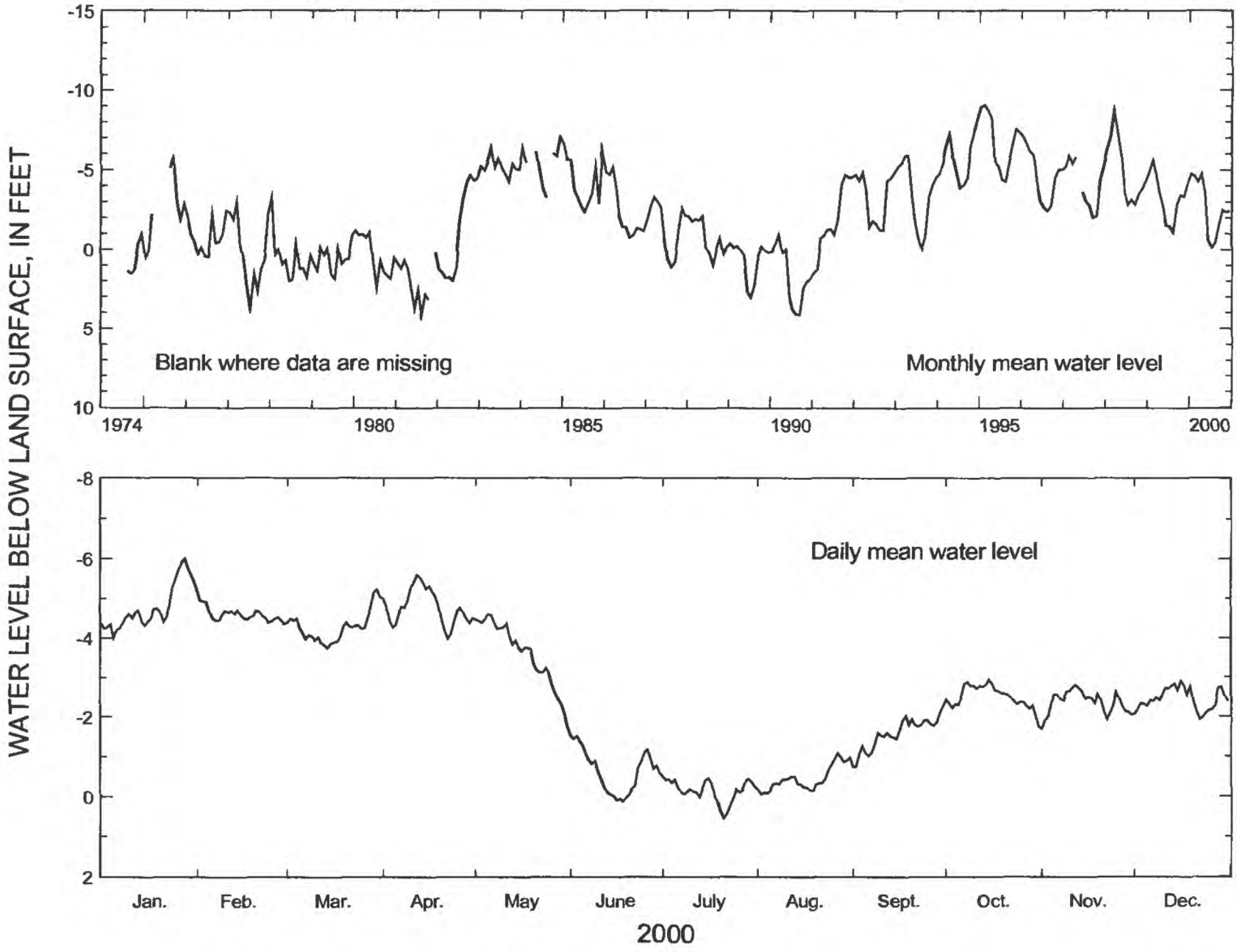
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-6.97	-6.20	-5.65	-6.70	-4.83	-3.36	-1.88	-2.54	-3.75	-4.44	-4.35	-4.14
MEAN	-5.74	-5.62	-5.25	-5.76	-3.32	-2.07	-1.57	-1.90	-3.06	-4.02	-3.72	-3.70
LOW	-4.98	-5.38	-4.81	-4.96	-2.31	-1.26	-0.91	-1.52	-2.22	-3.30	-3.09	-3.21

SUMMARY FOR 2000 HIGH -6.97 (Jan. 28, 2000) MEAN -3.80 LOW -0.91 (July 21, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 34H403.

COUNTY.—Glynn
LOCATION.—Lat 31°08′22″, long 81°29′42″, Hydrologic Unit 03070203.
SITE NAME.—U.S. Geological Survey, test well 24.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan; lower water-bearing zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 982 ft, cased to 788 ft, open hole.
DATUM.—Altitude of land-surface datum is 9.6 ft.
REMARKS.—Well pumped and sampled, June 5 and November 15, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—August 1974 to current year. Continuous record since August 1974.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 12.79 ft above land-surface datum, December 29, 1985; lowest, 4.76 ft below land-surface datum, September 14, 1990.



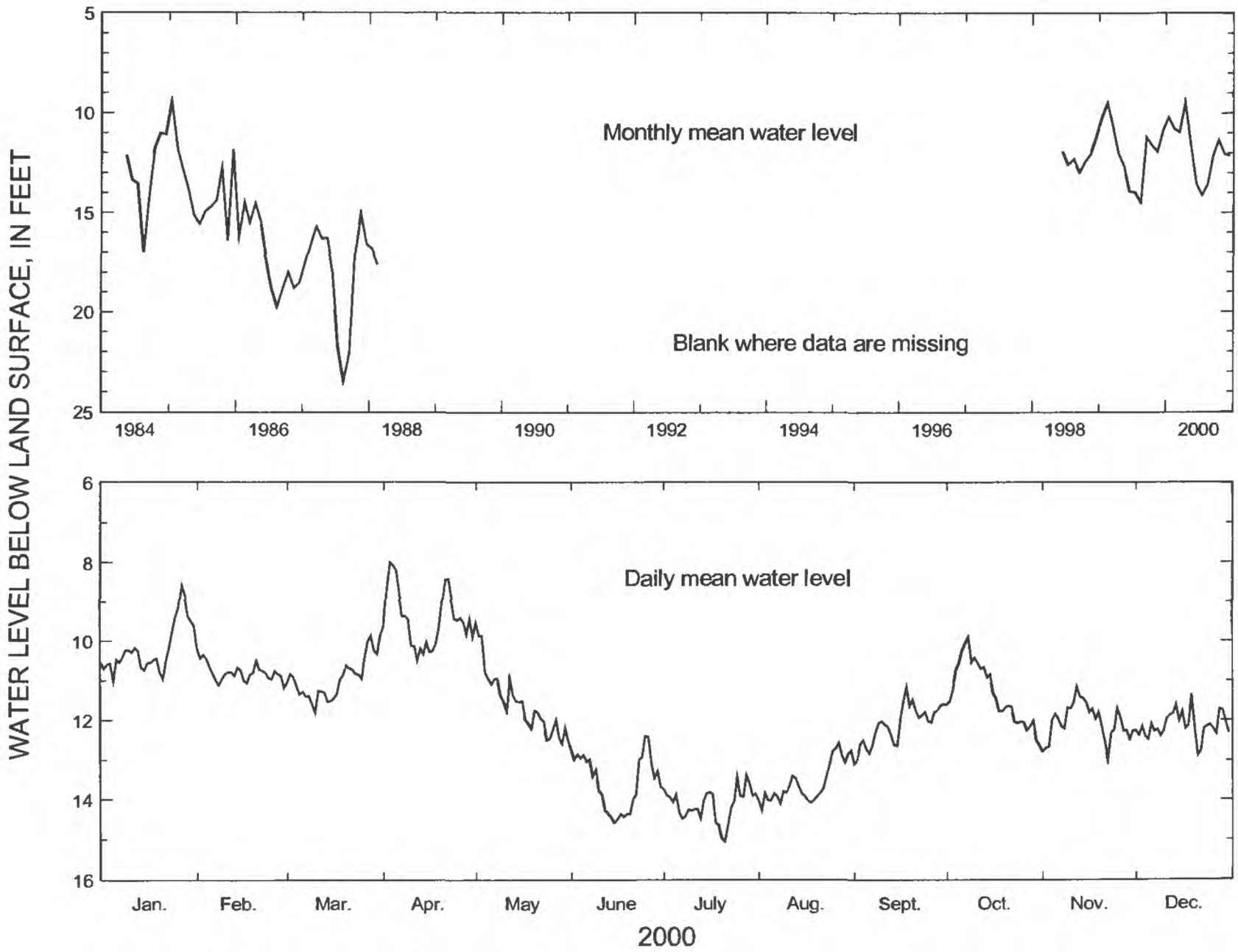
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-6.00	-5.22	-5.24	-5.60	-4.61	-1.53	-0.50	-1.08	-2.25	-2.94	-2.80	-2.90
MEAN	-4.77	-4.62	-4.28	-4.78	-3.62	-0.65	-0.15	-0.44	-1.57	-2.50	-2.36	-2.43
LOW	-4.01	-4.36	-3.76	-3.99	-1.75	0.11	0.54	-0.06	-0.74	-1.74	-1.69	-1.93

SUMMARY FOR 2000 HIGH -6.00 (Jan. 28, 2000) MEAN -2.68 LOW 0.54 (July 21, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 34H424.

COUNTY.—Glynn
LOCATION.—Lat 31°10′11″, long 81°29′31″, Hydrologic Unit 03070206.
SITE NAME.—Hercules Inc., T well.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 36 in., depth 745 ft, cased to 550 ft, open hole.
DATUM.—Altitude of land-surface datum is 15 ft.
REMARKS.—Well abandoned by Hercules due to high chloride content.
PERIOD OF RECORD.—May 1984 to February 1988. Continuous record since June 1998.
EXTREMES FOR PERIOD OF RECORD.—*Highest water level, 1.74 ft below land-surface datum, December 29, 1985*
lowest, 25.12 ft below land-surface datum, July 27, 1987.

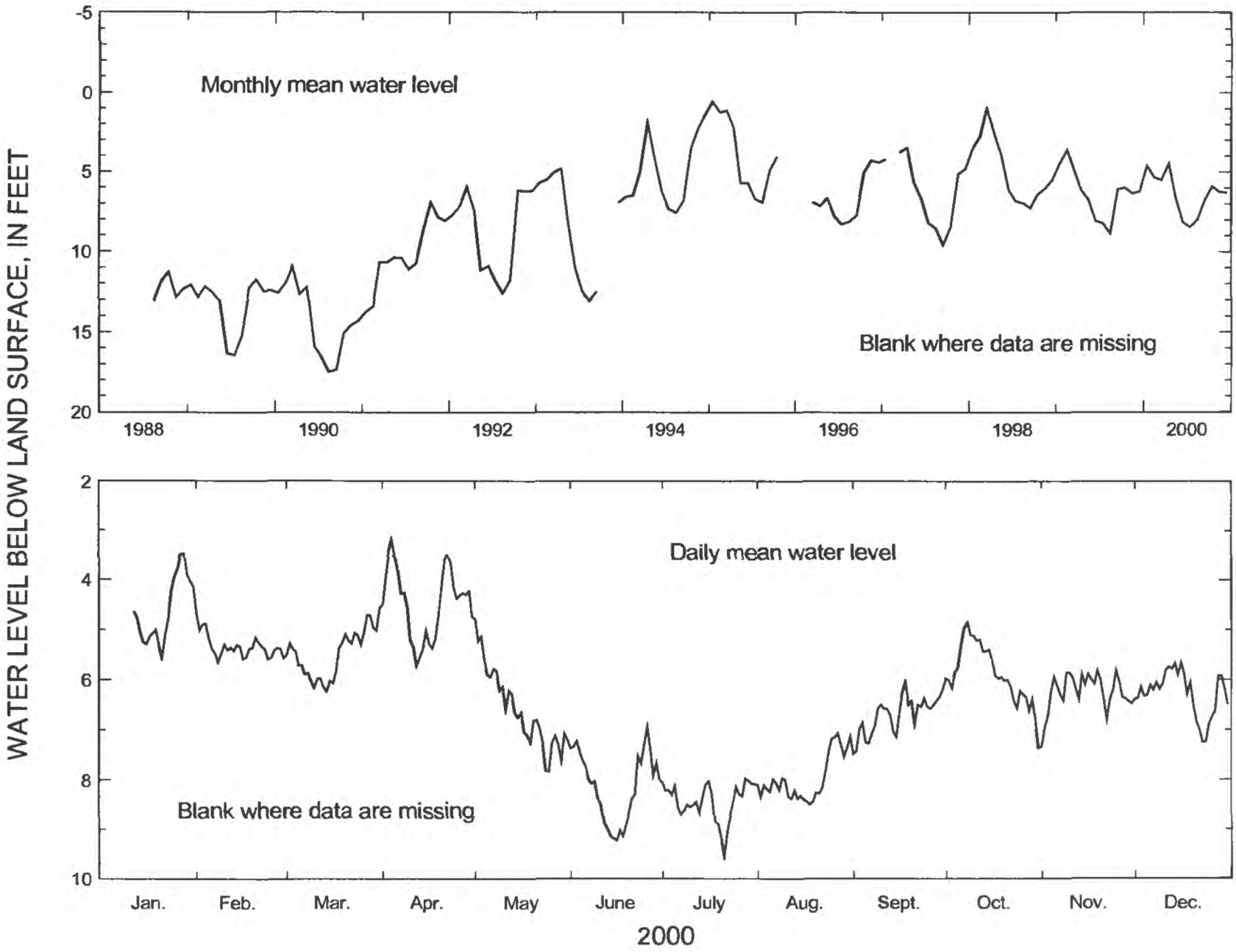


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	8.58	10.18	9.86	8.00	9.53	12.39	13.38	12.56	11.16	9.91	11.16	11.35
MEAN	10.20	10.78	10.95	9.43	11.55	13.55	14.12	13.59	12.11	11.34	12.04	12.14
LOW	11.02	11.18	11.80	10.50	12.58	14.58	15.04	14.27	13.09	12.64	12.98	12.89

SUMMARY FOR 2000 HIGH 8.00 (Apr. 3, 2000) MEAN 11.82 LOW 15.04 (July 21, 2000)

IDENTIFICATION NUMBER. 34H434.

COUNTY.—Glynn
LOCATION.—Lat 31°09′11″, long 81°29′41″, Hydrologic Unit 03070203.
SITE NAME.—Glynn County Courthouse (deep).
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan; upper water-bearing zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 and 3 in., depth 670 ft, 4 in. casing to 250 and 3 in. from 250 to 530 ft, open hole.
DATUM.—Altitude of land-surface datum is 10 ft.
REMARKS.—Well pumped and sampled, June 5, 2000, for analysis of chloride concentration. Water-level data for period, January 1-11, 2000, are missing.
PERIOD OF RECORD.—August 1988 to current year. Continuous record since August 1988.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 0.91 ft above land-surface datum, March 25, 1998; lowest, 18.62 ft below land-surface datum, September 14, 1990.

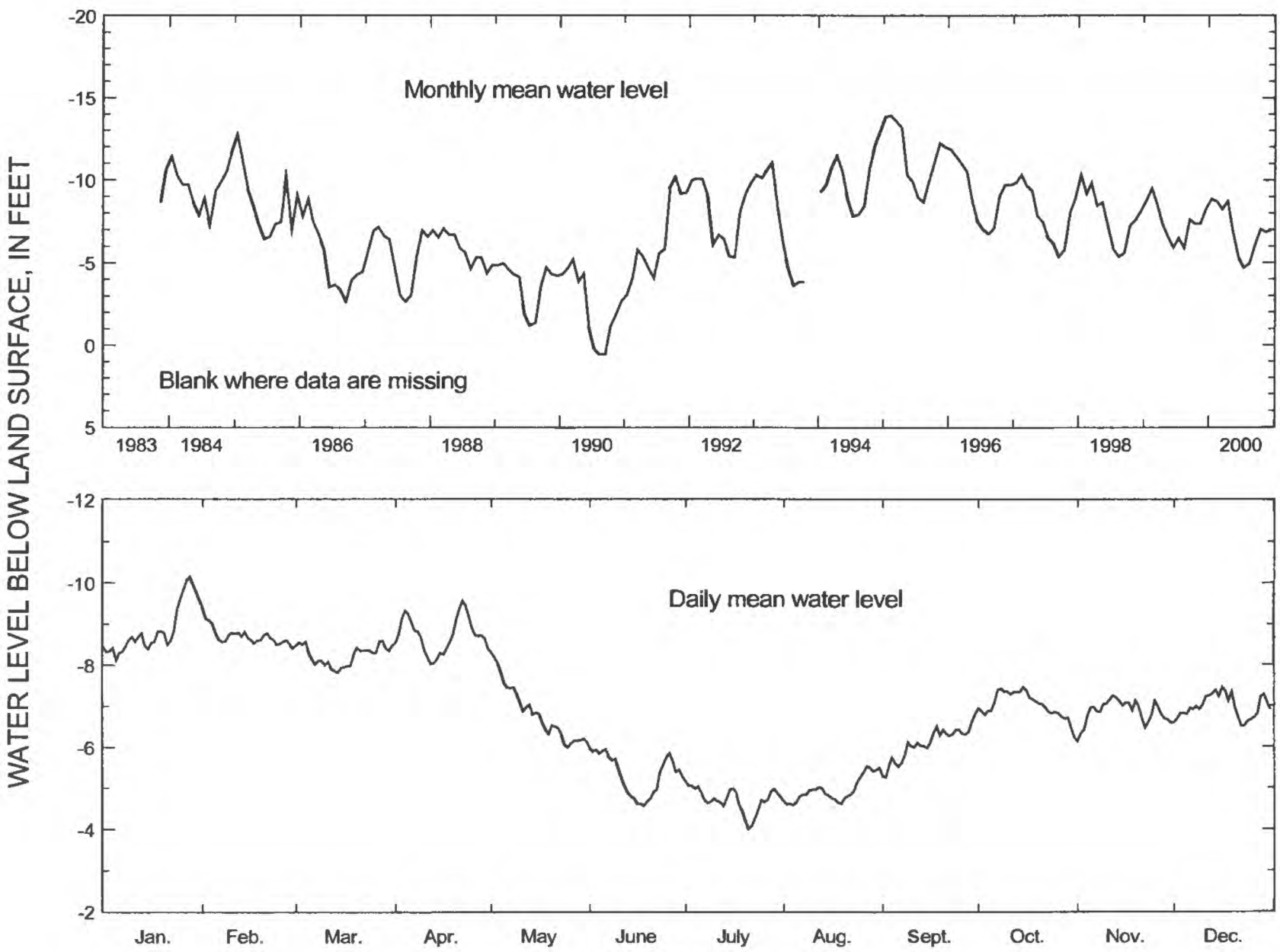


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	------	4.68	4.57	3.19	4.79	6.94	7.98	7.07	6.04	4.86	5.82	5.67
MEAN	------	5.34	5.49	4.46	6.59	8.13	8.45	7.98	6.70	5.89	6.25	6.28
LOW	------	5.65	6.23	5.72	7.83	9.23	9.54	8.50	7.48	7.37	7.33	7.25

SUMMARY FOR 2000 HIGH 3.19 (Apr. 4, 2000) MEAN 6.40 LOW 9.54 (July 21, 2000)

IDENTIFICATION NUMBER. 34H436.

COUNTY.—Glynn
LOCATION.—Lat 31°09′01″, long 81°28′44″, Hydrologic Unit 03070203.
SITE NAME.—Georgia Geologic Survey, Coffin Park, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Lower Floridan; brackish-water zone.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 and 4 in., depth 1,103 ft, 6 in. casing to 486 and 4 in. from 486 to 1000 ft, open hole.
DATUM.—Altitude of land-surface datum is 7 ft.
REMARKS.—Well pumped and sampled, June 5, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—November 1983 to current year. Continuous record since November 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 18.79 ft above land-surface datum, October 13, 1985; lowest, 1.10 ft below land-surface datum, August 12-13 and 20-21, 1990, but may have been lower during period of missing record.

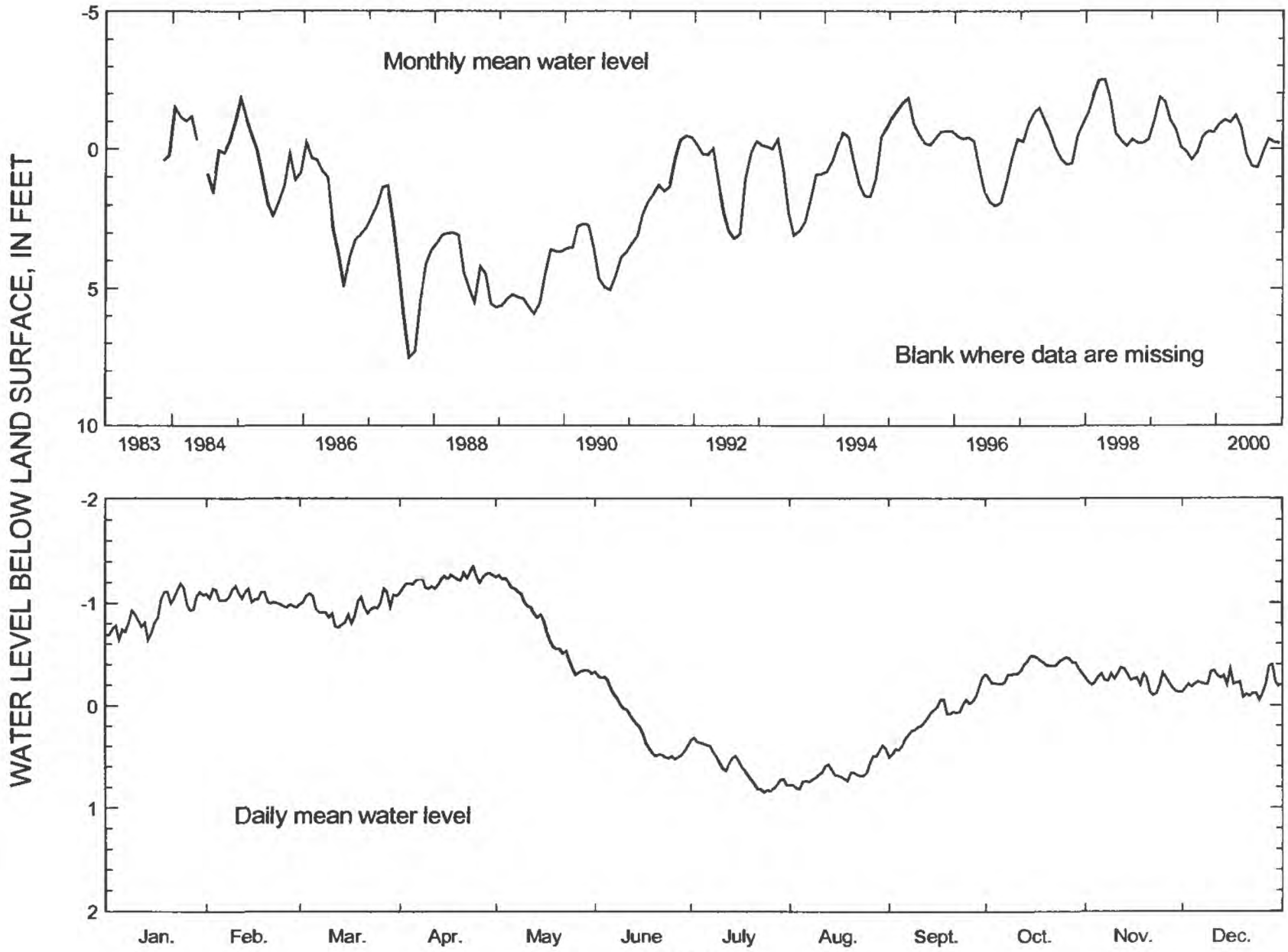


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-10.14	-9.39	-8.59	-9.56	-8.30	-5.98	-5.16	-5.52	-6.80	-7.46	-7.25	-7.45
MEAN	-8.86	-8.71	-8.24	-8.74	-6.85	-5.34	-4.71	-4.94	-6.08	-7.02	-6.86	-6.98
LOW	-8.12	-8.41	-7.81	-8.03	-6.00	-4.57	-4.01	-4.58	-5.25	-6.22	-6.14	-6.51

SUMMARY FOR 2000 HIGH -10.14 (Jan. 28, 2000) MEAN -6.94 LOW -4.01 (July 21, 2000)
[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 34H437.

COUNTY.—Glynn
LOCATION.—Lat 31°09′01″, long 81°28′44″, Hydrologic Unit 03070203.
SITE NAME.—Georgia Geologic Survey, Coffin Park, test well 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Brunswick.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 328 ft, cased to 315 ft, screen from 315 to 328 ft.
DATUM.—Altitude of land-surface datum is 7 ft.
REMARKS.—None.
PERIOD OF RECORD.—November 1983 to current year. Continuous record since November 1983.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 3.01 ft above land-surface datum, March 28, 1998; lowest, 7.80 ft below land-surface datum, August 30, 1987.



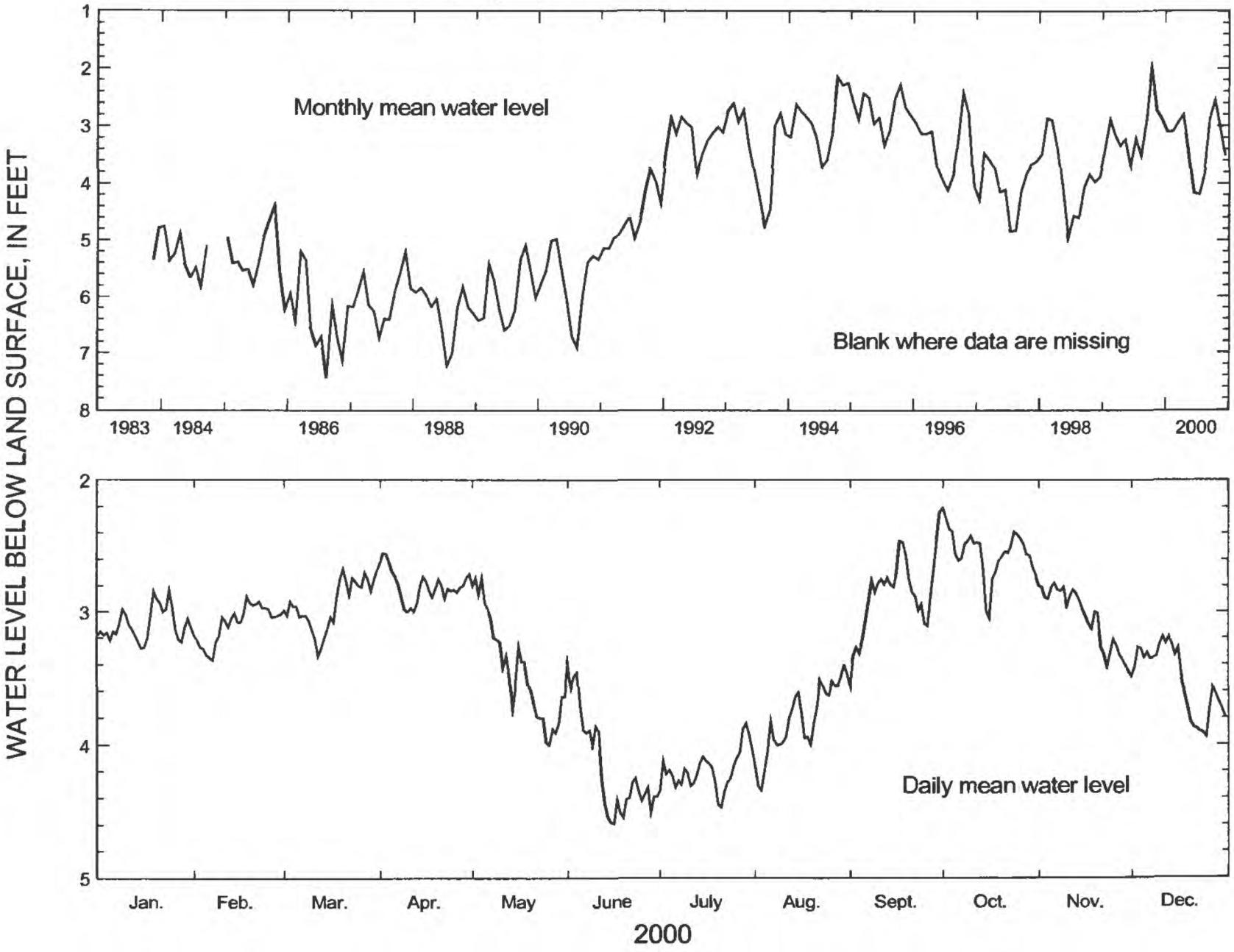
2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	-1.19	-1.17	-1.14	-1.35	-1.27	-0.33	0.32	0.39	-0.27	-0.48	-0.37	-0.40
MEAN	-0.90	-1.05	-0.95	-1.22	-0.77	0.19	0.61	0.66	0.12	-0.36	-0.24	-0.21
LOW	-0.64	-0.96	-0.76	-1.10	-0.30	0.53	0.85	0.82	0.51	-0.21	-0.10	-0.05

SUMMARY FOR 2000 HIGH -1.35 (Apr. 24, 2000) MEAN -0.34 LOW 0.85 (July 24, 2000)

[Negative value indicates water level above land surface]

IDENTIFICATION NUMBER. 34H438.

COUNTY.—Glynn
LOCATION.—Lat 31°09′01″, long 81°28′44″, Hydrologic Unit 03070203.
SITE NAME.—Georgia Geologic Survey, Coffin Park, test well 3.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Surficial (sand of Miocene and post-Miocene age).
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 202 ft, cased to 192 ft, screen from 192 to 202 ft.
DATUM.—Altitude of land-surface datum is 7 ft.
REMARKS.—Well pumped and sampled, June 5, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—November 1983 to current year. Continuous record November 1983 to September 1984, and since January 1985.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 1.13 ft below land-surface datum, October 12, 1999; lowest, 8.13 ft below land-surface datum, July 12, 1990.

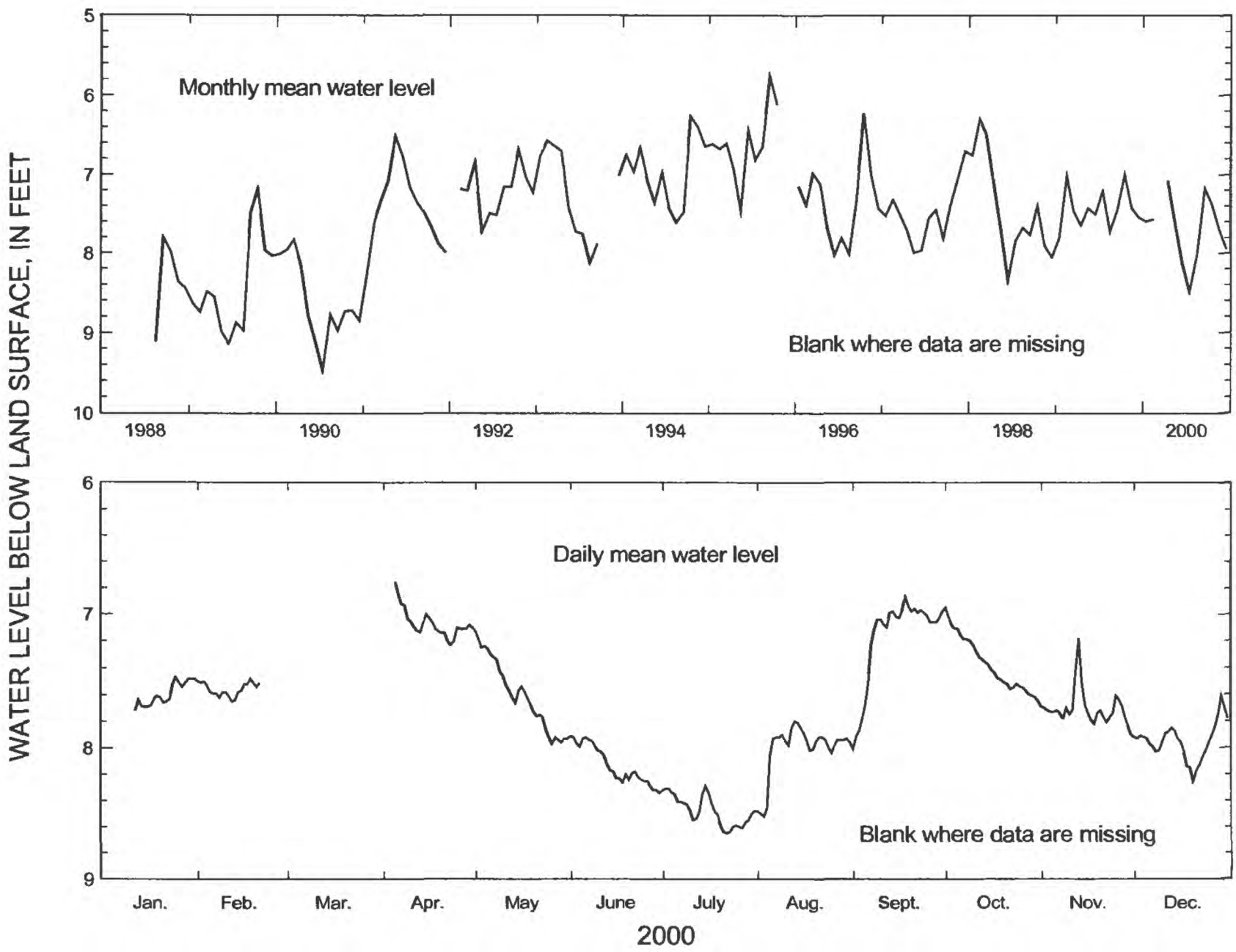


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	2.83	2.88	2.67	2.55	2.74	3.39	3.84	3.40	2.24	2.21	2.78	3.19
MEAN	3.10	3.09	2.94	2.80	3.43	4.17	4.19	3.81	2.87	2.55	3.05	3.52
LOW	3.28	3.37	3.34	3.00	4.00	4.59	4.47	4.34	3.57	3.05	3.45	3.94

SUMMARY FOR 2000 HIGH 2.21 (Oct. 1, 2000) MEAN 3.29 LOW 4.59 (June 16, 2000)

IDENTIFICATION NUMBER. 34H447.

COUNTY.—Glynn
LOCATION.—Lat 31°09′11″, long 81°29′41″, Hydrologic Unit 03070203.
SITE NAME.—Glynn County Courthouse, shallow.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Surficial (sand of Miocene or post-Miocene age).
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 180 ft, cased to 130 ft, open hole.
DATUM.—Altitude of land-surface datum is 10 ft.
REMARKS.—Water-level data for periods, January 1-11 and February 22 to April 4, 2000, are missing.
PERIOD OF RECORD.—August 1988 to current year. Continuous record since August 1988.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 4.92 ft below land-surface datum, October 8, 1996; lowest, 9.63 ft below land-surface datum, July 21, 1990.

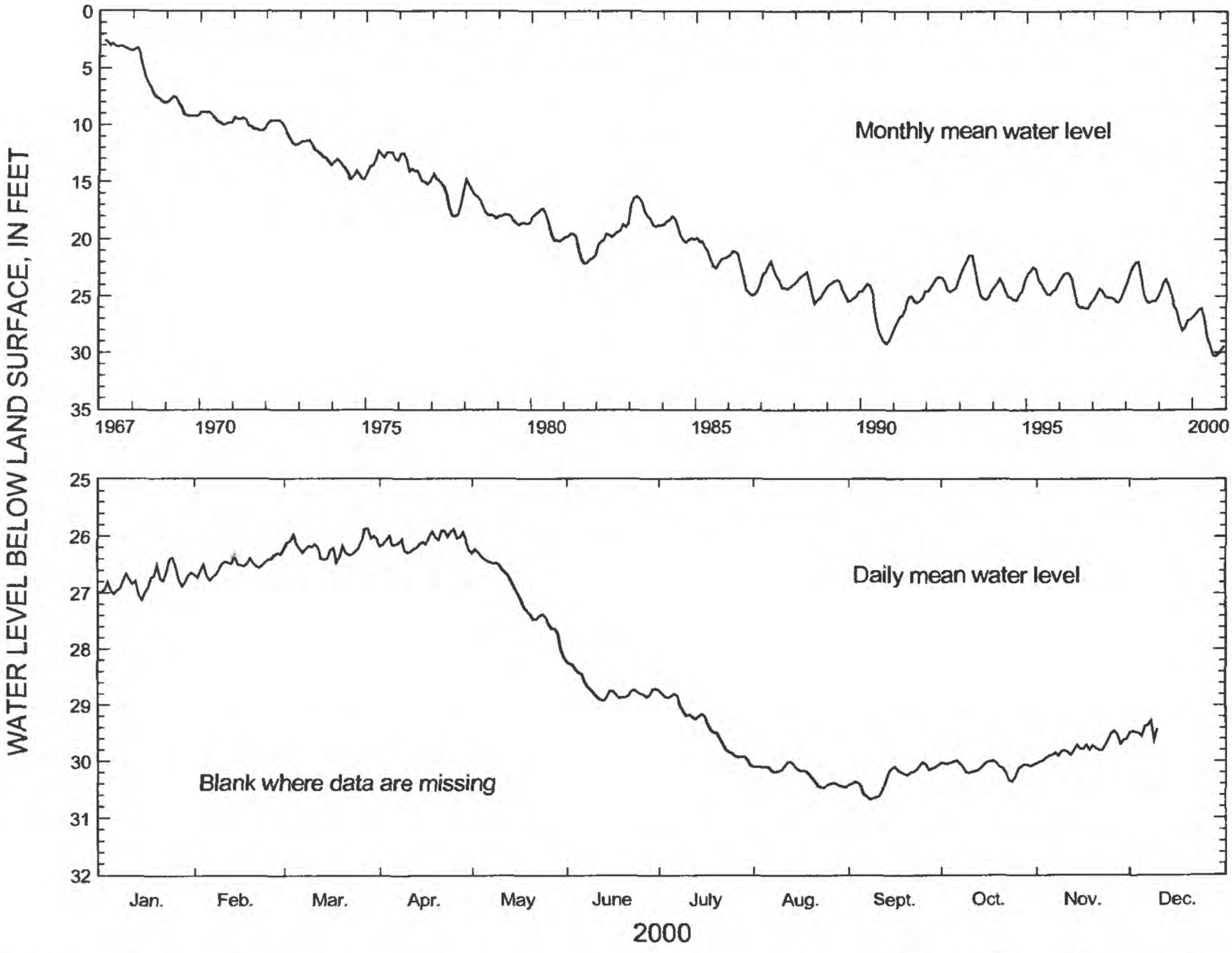


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	------	------	------	6.75	7.13	7.91	8.29	7.80	6.87	6.95	7.18	7.61
MEAN	------	------	------	7.07	7.60	8.13	8.48	8.01	7.17	7.37	7.70	7.95
LOW	------	------	------	7.23	7.97	8.34	8.65	8.52	8.01	7.65	7.90	8.25

SUMMARY FOR 2000 HIGH 6.75 (Apr. 5, 2000) MEAN ------ LOW 8.65 (July 22, 2000)

IDENTIFICATION NUMBER. 34N089.

COUNTY.—Liberty
LOCATION.—Lat 31°52′14″, long 81°23′53″, Hydrologic Unit 03060204.
SITE NAME.—U.S. Geological Survey, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 789 ft, cased to 410 ft, open hole.
DATUM.—Altitude of land-surface datum is 17 ft.
REMARKS.—Water-level data for period, December 11-31, 2000, are missing.
PERIOD OF RECORD.—February 1967 to current year. Continuous record since February 1967.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 2.34 ft below land-surface datum, March 6, 1967; lowest, 30.68 ft below land-surface datum, September 8, 2000.

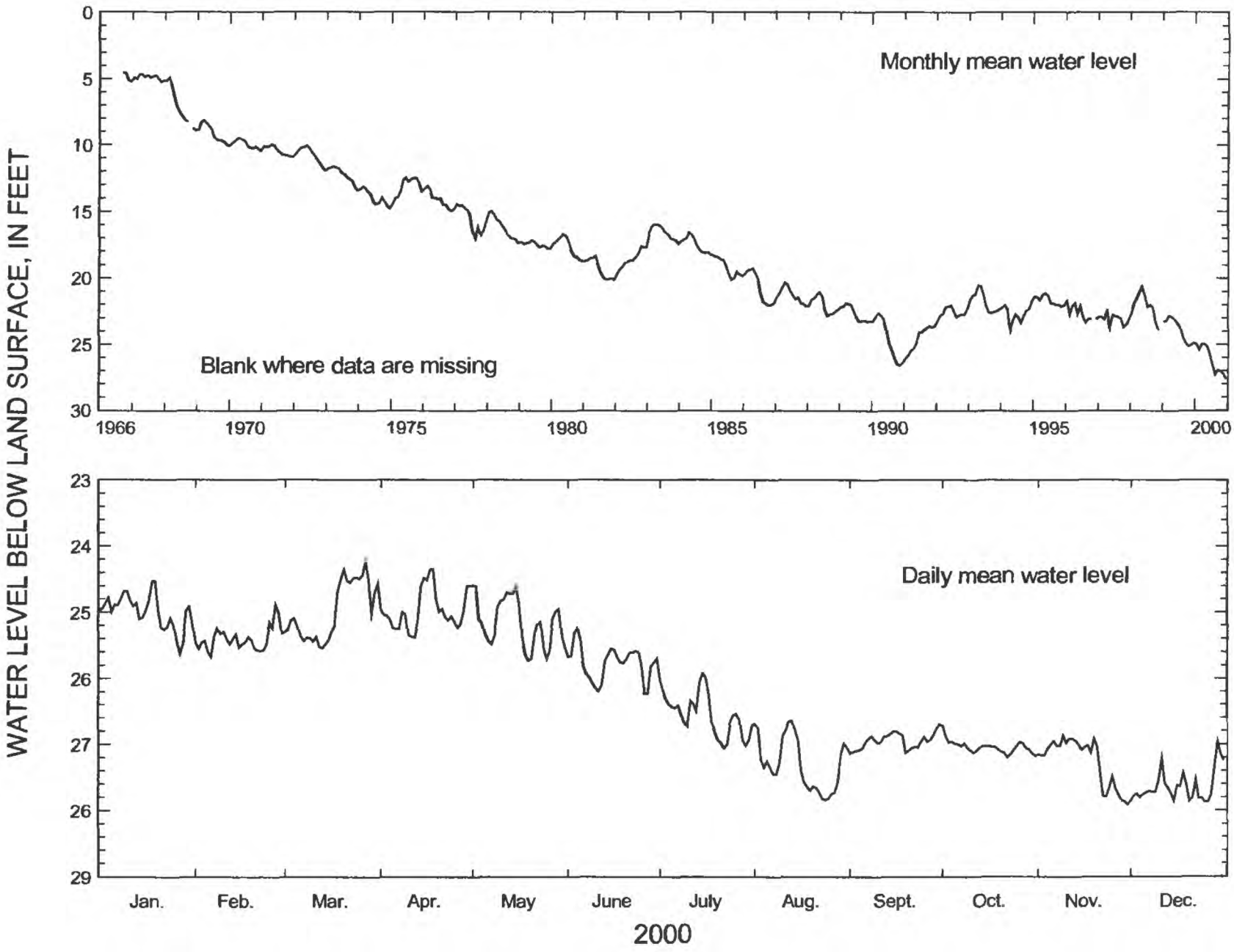


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	26.37	26.30	25.87	25.88	26.23	28.23	28.74	30.01	30.02	29.99	29.46	------
MEAN	26.80	26.51	26.19	26.08	27.02	28.70	29.37	30.24	30.30	30.11	29.78	------
LOW	27.12	26.78	26.46	26.29	28.15	28.92	30.08	30.47	30.68	30.36	30.04	------

SUMMARY FOR 2000 HIGH 25.87 (Mar. 28, 2000) MEAN 28.32 LOW 30.68 (Sept. 8, 2000)

IDENTIFICATION NUMBER. 35M013.

COUNTY.—McIntosh
LOCATION.—Lat 31°38′23″, long 81°15′42″, Hydrologic Unit 03060204.
SITE NAME.—U.S. Fish and Wildlife Service.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 10 in., depth 553 ft, cased to 376 ft, open hole.
DATUM.—Altitude of land-surface datum is 16.3 ft.
REMARKS.—None.
PERIOD OF RECORD.—September 1966 to current year. Continuous record since September 1966.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 4.35 ft below land-surface datum, October 4, 1966; lowest, 27.91 ft below land-surface datum, November 30, 2000.

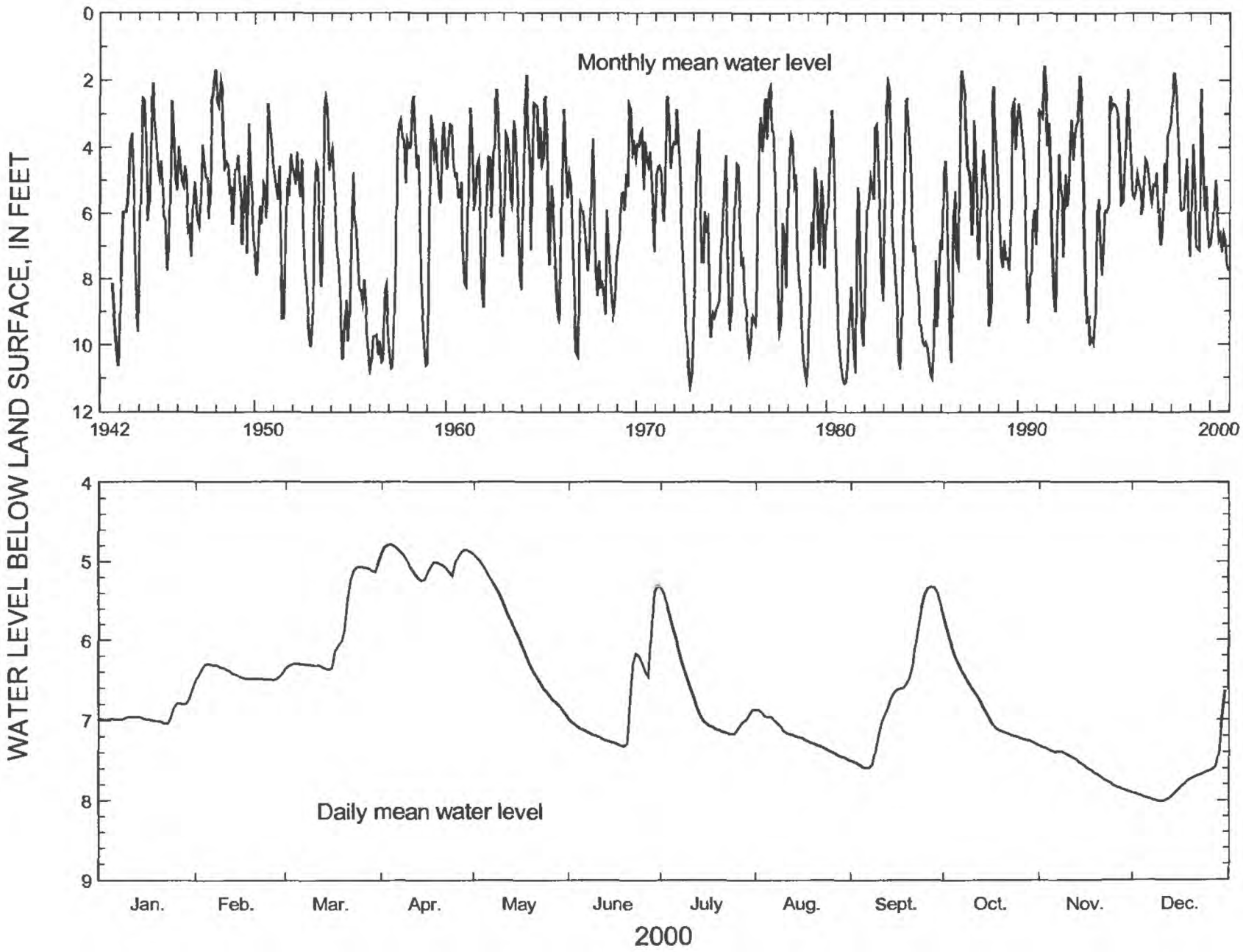


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	24.53	24.88	24.22	24.34	24.59	25.24	25.92	26.64	26.70	26.72	26.87	26.96
MEAN	24.99	25.40	24.98	24.97	25.16	25.76	26.55	27.31	26.95	27.04	27.26	27.64
LOW	25.63	25.67	25.54	25.38	25.73	26.23	27.06	27.84	27.14	27.20	27.91	27.87

SUMMARY FOR 2000 HIGH 24.22 (Mar. 27, 2000) MEAN 26.17 LOW 27.91 (Nov. 30, 2000)

IDENTIFICATION NUMBER. 35P094.

COUNTY.—Chatham
LOCATION.—Lat 31°59′50″, long 81°16′12″, Hydrologic Unit 03060204.
SITE NAME.—University of Georgia, Bamboo Farm.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Surficial (sand of Holocene and Pleistocene age).
WELL CHARACTERISTICS.—Bored observation well, diameter 30 in., depth 15 ft, cased to 15 ft, open end.
DATUM.—Altitude of land-surface datum is 18.67 ft.
REMARKS.—None.
PERIOD OF RECORD.—*August 1942 to current year. Continuous record since August 1942.*
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 0.05 ft below land-surface datum, September 26, 1953; lowest, 12.28 ft below land-surface datum, November 30, 1972.

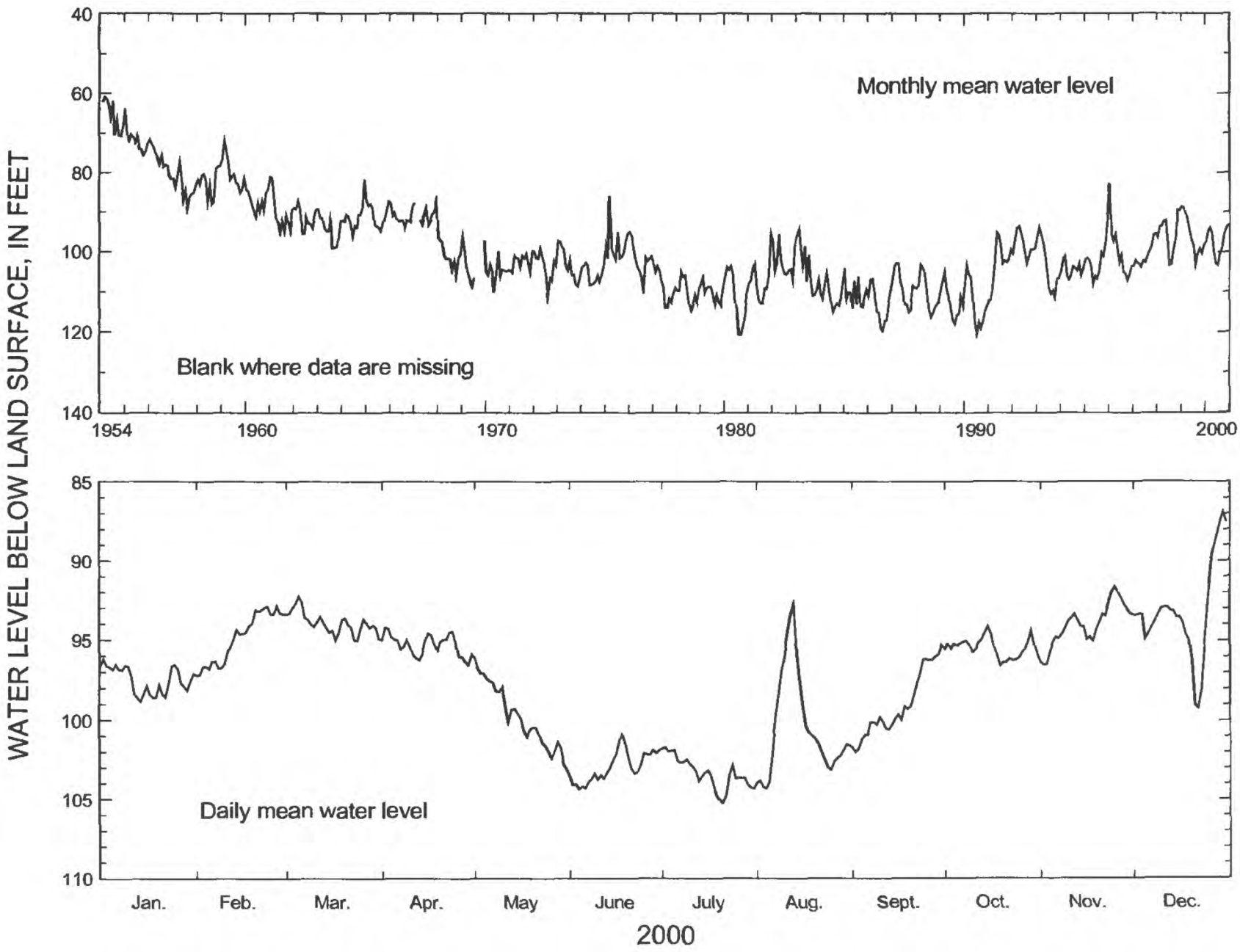


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	6.61	6.30	5.02	4.78	4.91	5.30	5.32	6.87	5.32	5.70	7.32	6.64
MEAN	6.94	6.42	5.86	4.99	5.96	6.83	6.66	7.20	6.60	6.80	7.58	7.76
LOW	7.04	6.50	6.37	5.24	6.92	7.32	7.17	7.48	7.59	7.30	7.89	8.01

SUMMARY FOR 2000 HIGH 4.78 (Apr. 4, 2000) MEAN 6.64 LOW 8.01 (Dec. 10-11, 2000)

IDENTIFICATION NUMBER. 36Q008.

COUNTY.—Chatham
LOCATION.—Lat 32°05′30″, long 81°08′50″, Hydrologic Unit 03060204.
SITE NAME.—Layne-Atlantic Co.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 4 in., depth 406 ft, cased to 250 ft, open hole.
DATUM.—Altitude of land-surface datum is 9.91 ft.
REMARKS.—None.
PERIOD OF RECORD.—February 1954 to current year. Continuous record since February 1954.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 49.17 ft below land-surface datum, July 11, 1954; lowest, 124.40 ft below land-surface datum, August 30, 1980.

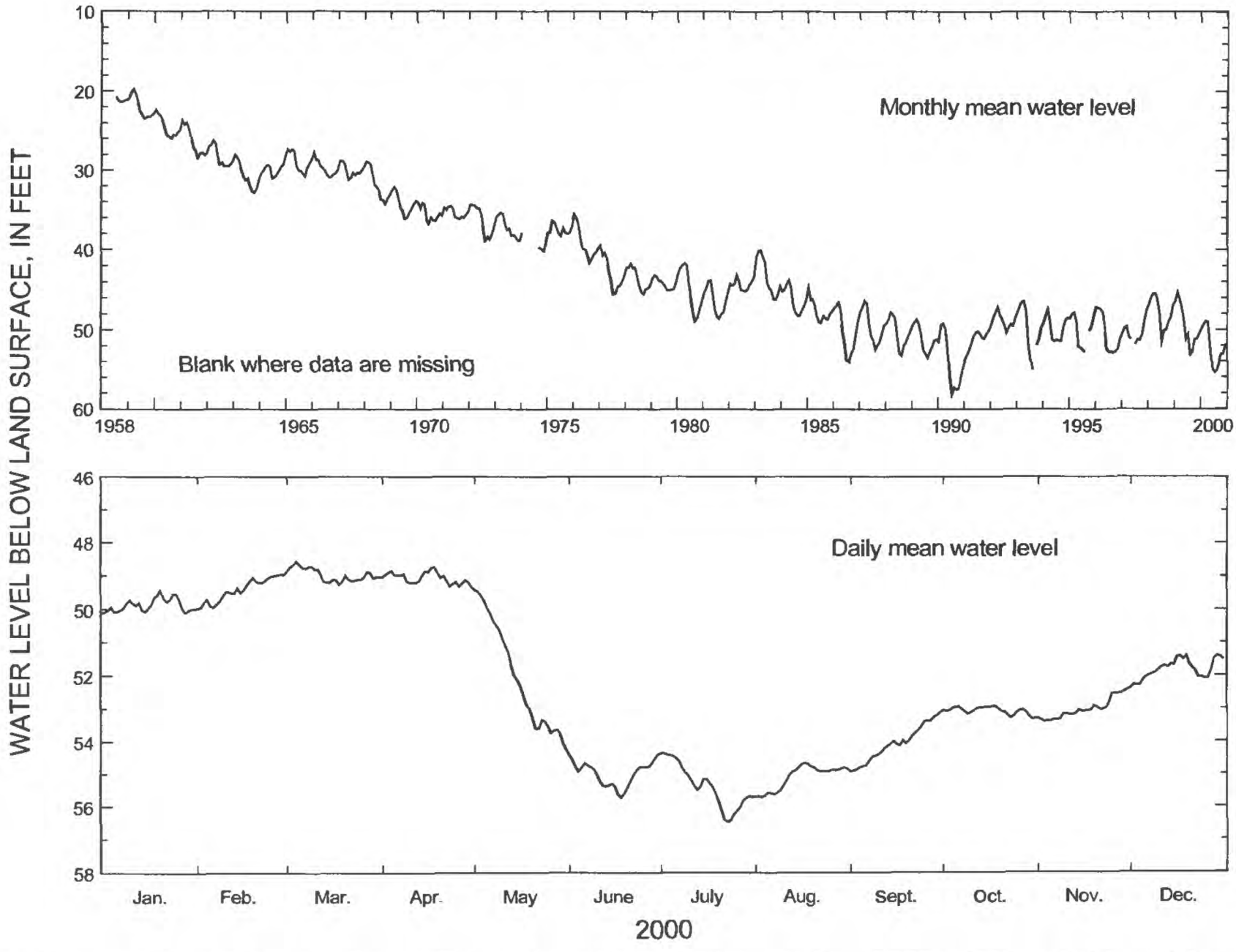


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	96.20	92.86	92.23	94.21	96.10	100.88	101.69	92.74	95.29	94.13	91.67	86.88
MEAN	97.49	94.86	93.93	95.29	99.79	102.94	103.33	100.45	99.07	95.47	94.05	93.22
LOW	98.85	97.19	95.04	96.53	103.11	104.35	105.23	104.30	101.99	96.59	96.52	99.22

SUMMARY FOR 2000 HIGH 86.88 (Dec. 30, 2000) MEAN 97.50 LOW 105.23 (July 21, 2000)

IDENTIFICATION NUMBER. 36Q020.

COUNTY.—Chatham
LOCATION.—Lat 32°00′18″, long 81°12′48″, Hydrologic Unit 03060204.
SITE NAME.—H.J. Morrison.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled unused supply well, diameter 3 in., depth 365 ft, cased to 330 ft, open hole.
DATUM.—Altitude of land-surface datum is 13 ft.
REMARKS.—None.
PERIOD OF RECORD.—December 1957 to current year. Continuous record since August 1958.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 17.66 ft below land-surface datum, June 28, 1958; lowest, recorded, 58.56 ft below land-surface datum, July 12, 1990.

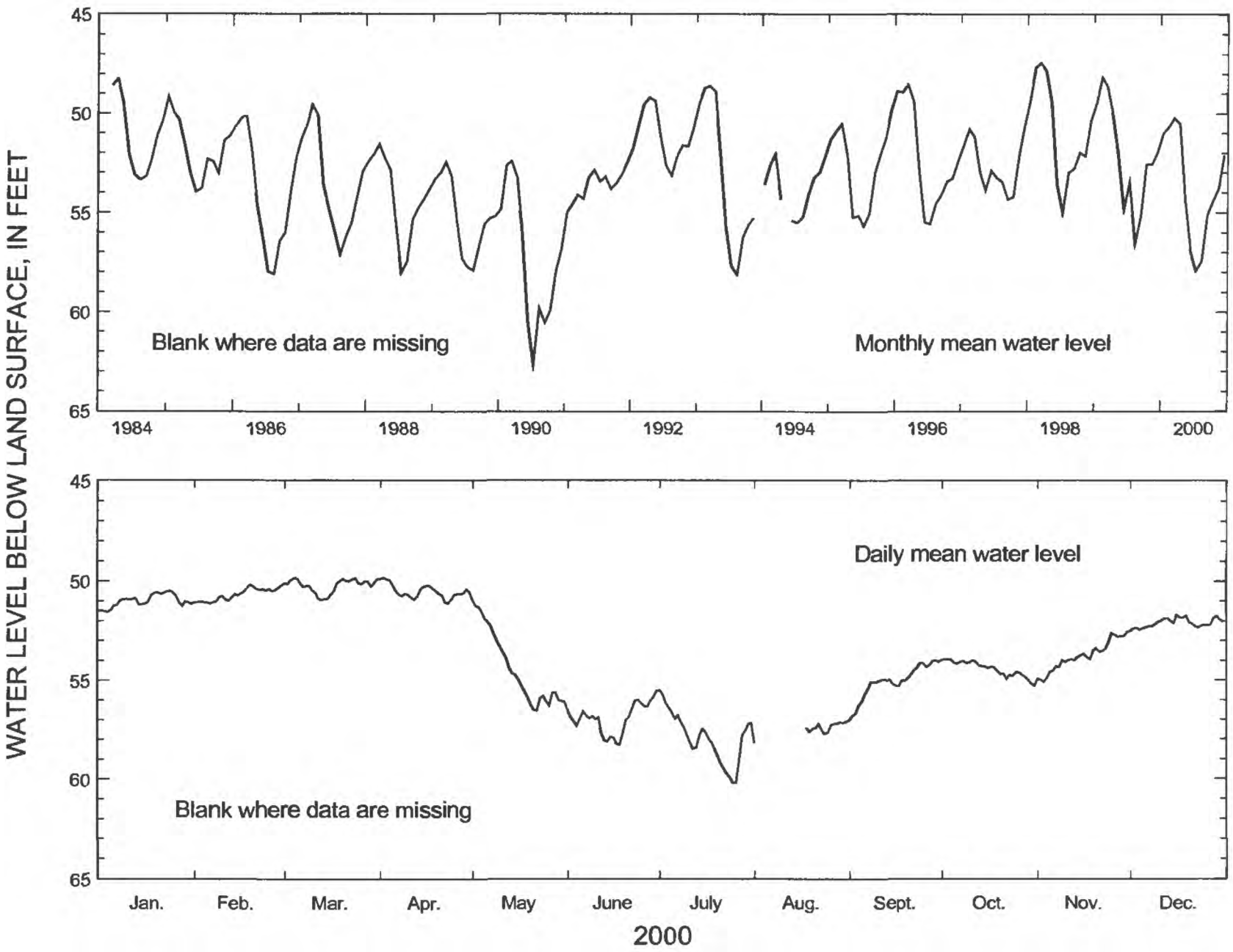


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	49.44	48.96	48.56	48.75	49.43	54.39	54.35	54.67	53.13	52.93	52.43	51.40
MEAN	49.88	49.42	48.96	49.06	52.05	54.99	55.38	55.11	54.09	53.08	53.03	51.83
LOW	50.11	49.97	49.27	49.33	54.23	55.73	56.48	55.72	54.93	53.32	53.39	52.38

SUMMARY FOR 2000 HIGH 48.56 (Mar. 4, 2000) MEAN 52.25 LOW 56.48 (July 23, 2000)

IDENTIFICATION NUMBER. 37P114.

COUNTY.—Chatham
LOCATION.—Lat 31°59′06″, long 81°01′12″, Hydrologic Unit 03060204.
SITE NAME.—Georgia Geologic Survey, Skidaway Institute, test well 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 400 ft, cased to 262 ft, open hole.
DATUM.—Altitude of land-surface datum is 10 ft.
REMARKS.—Well pumped and sampled, July 24 and November 17, 2000, for analysis of chloride concentration. Water-level data for period, August 2-17, 2000, are missing.
PERIOD OF RECORD.—January 1984 to current year. Continuous record since January 1984.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 46.99 ft below land-surface datum, February 27, 1998; lowest, 64.06 ft below land-surface datum, July 12, 1990.

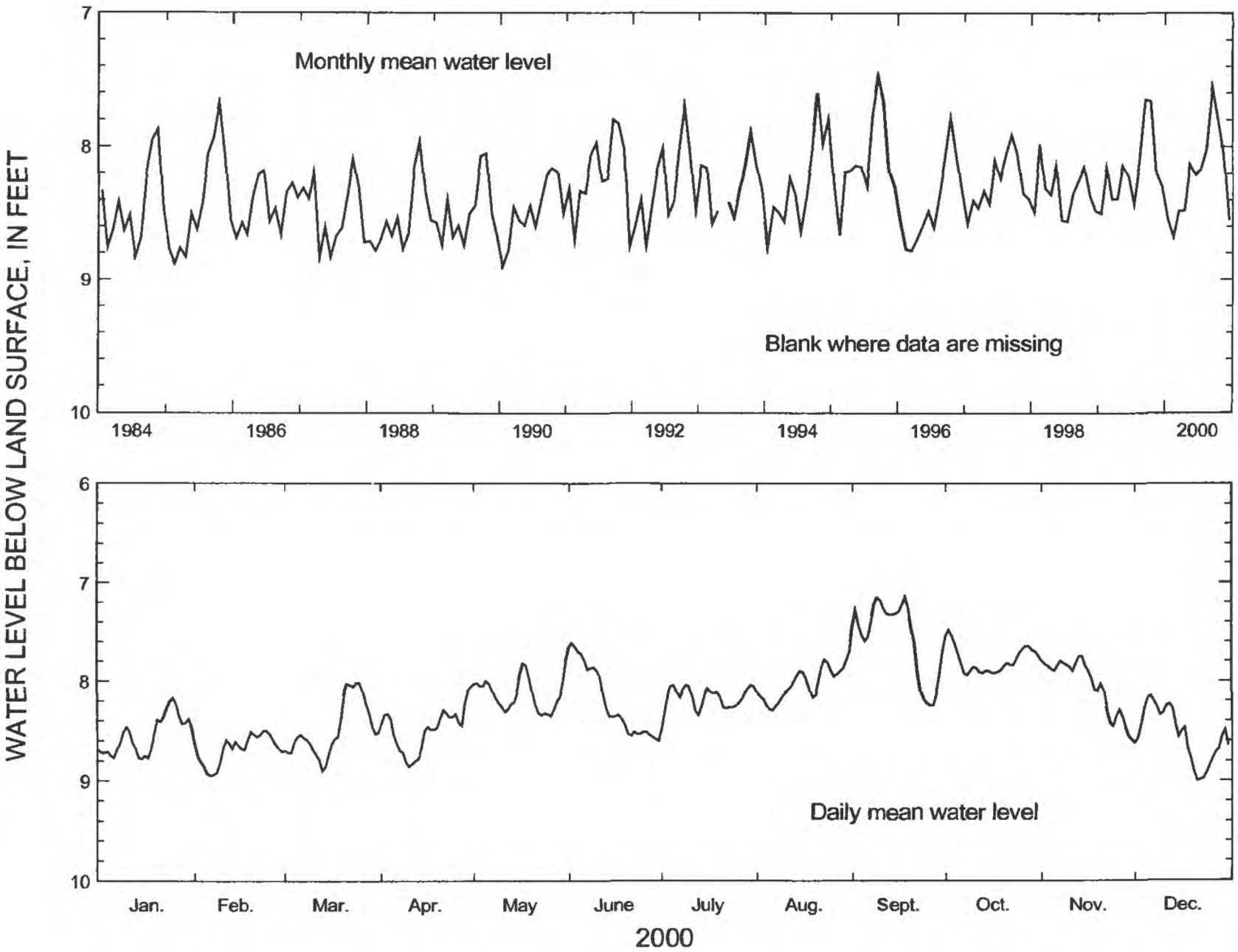


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	50.49	50.17	49.82	49.82	50.95	55.52	55.51	------	53.99	53.93	52.58	51.71
MEAN	51.00	50.66	50.21	50.50	54.38	56.94	57.92	------	55.09	54.42	53.78	52.11
LOW	51.55	51.13	50.94	51.10	56.53	58.29	60.21	------	57.04	55.30	55.08	52.51

SUMMARY FOR 2000 HIGH 49.82 (Mar. 5, 2000) MEAN 53.55 LOW 60.21 (July 25-26, 2000)

IDENTIFICATION NUMBER. 37P116.

COUNTY.—Chatham
LOCATION.—Lat 31°59′06″, long 81°01′12″, Hydrologic Unit 03060204.
SITE NAME.—Georgia Geologic Survey, Skidaway Institute, test well 4.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Surficial (sand of Miocene and post-Miocene age).
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 85 ft, cased to 70 ft, screen from 70 to 85 ft.
DATUM.—Altitude of land-surface datum is 10 ft.
REMARKS.—None.
PERIOD OF RECORD.—January 1984 to current year. Continuous record since January 1984.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 6.93 ft below land-surface datum, October 13-14, 1994; lowest, 9.27 ft below land-surface datum, March 17, 1993.

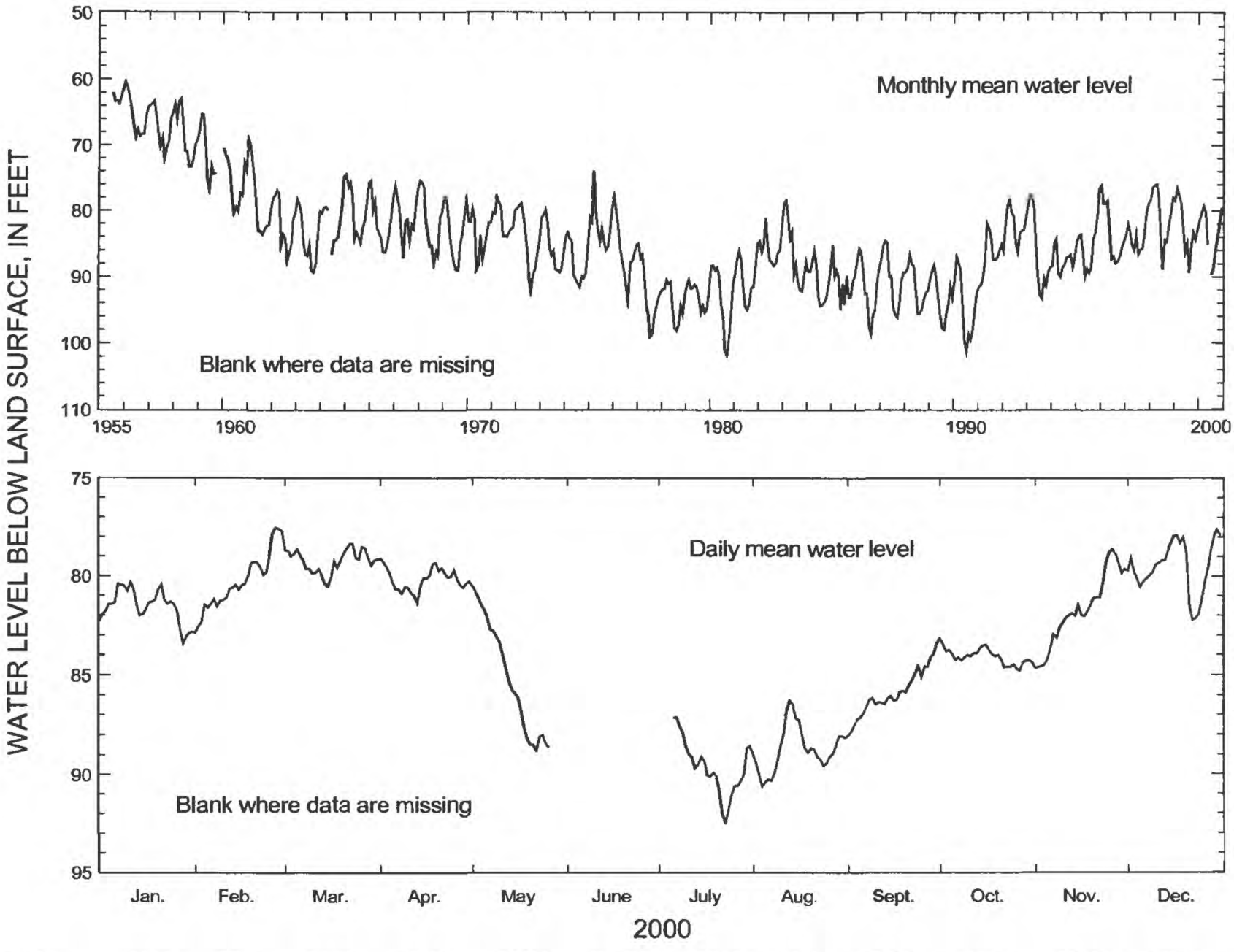


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	8.17	8.50	8.02	8.06	7.80	7.61	8.04	7.70	7.14	7.48	7.75	8.15
MEAN	8.54	8.68	8.48	8.48	8.13	8.21	8.17	8.02	7.56	7.79	8.05	8.55
LOW	8.78	8.95	8.90	8.86	8.35	8.60	8.47	8.29	8.24	7.94	8.59	9.00

SUMMARY FOR 2000 HIGH 7.14 (Sept. 18, 2000) MEAN 8.22 LOW 9.00 (Dec. 21, 2000)

IDENTIFICATION NUMBER. 37Q016.

COUNTY.—Chatham
LOCATION.—Lat 32°04′33″, long 81°04′27″, Hydrologic Unit 03060204.
SITE NAME.—East Coast Terminal Well.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 500 ft, cased to 260 ft, open hole.
DATUM.—Altitude of land-surface datum is 5 ft.
REMARKS.—Water-level data for period, May 27 to July 5, 2000, are missing.
PERIOD OF RECORD.—July 1955 to current year. Continuous record since July 1955.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 57.61 ft below land-surface datum, December 27, 1955; lowest, 103.53 ft below land-surface datum, July 13, 1990.

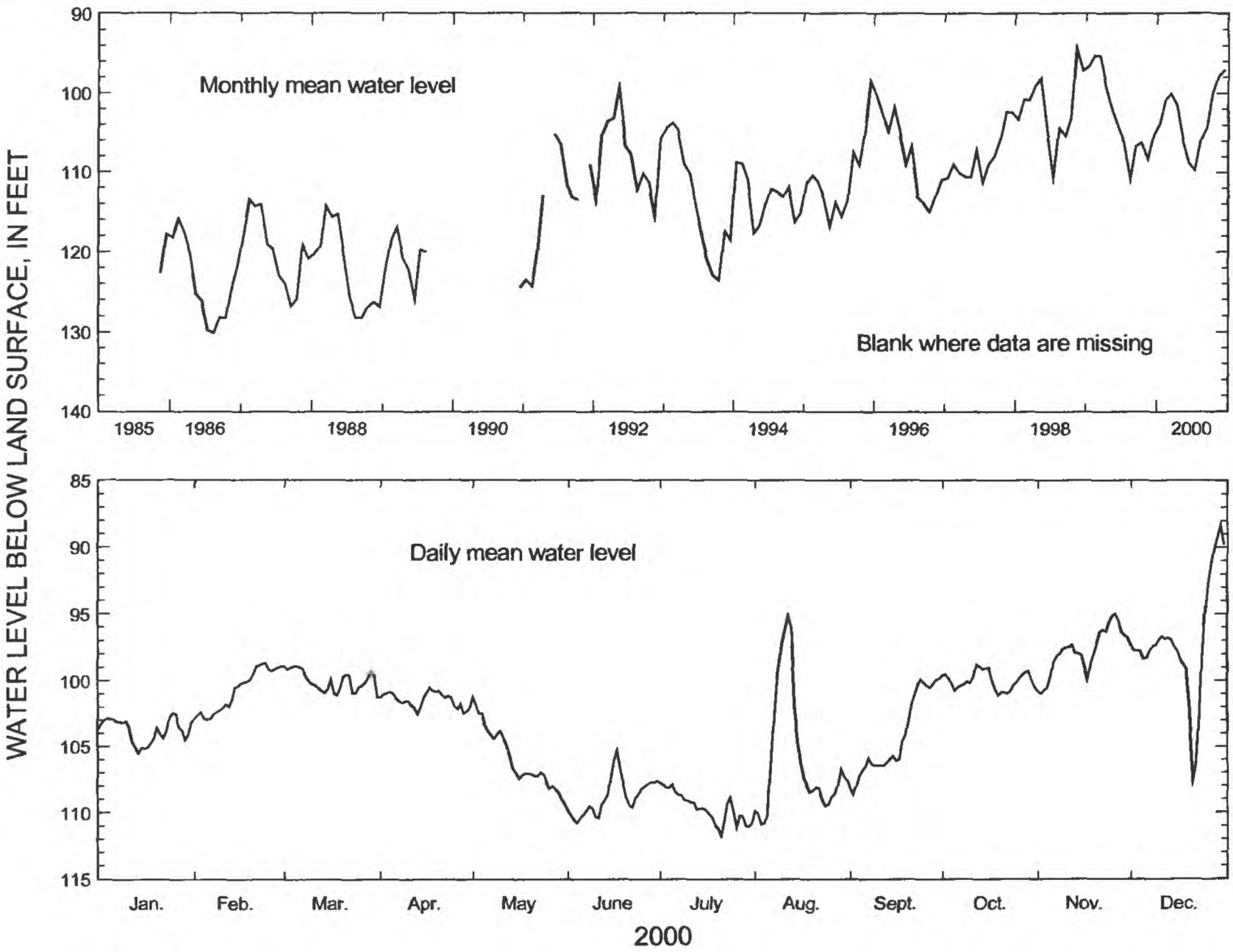


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	80.31	77.54	78.35	79.12	80.51	------	87.13	86.28	83.42	83.17	78.64	77.64
MEAN	81.54	80.30	79.22	80.15	85.11	------	89.67	88.75	85.93	84.09	81.73	79.54
LOW	83.43	82.88	80.52	81.35	88.78	------	92.44	90.64	88.06	84.78	84.65	82.22

SUMMARY FOR 2000 HIGH 77.54 (Feb. 27, 2000) MEAN ------ LOW 92.44 (July 23, 2000)

IDENTIFICATION NUMBER. 37Q185.

COUNTY.—Chatham
LOCATION.—Lat 32°06′22″, long 81°06′37″, Hydrologic Unit 03060109.
SITE NAME.—U.S. Geological Survey, Hutchinson Island, test well 1.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 360 ft, cased to 274 ft, open hole.
DATUM.—Altitude of land-surface datum is 6 ft.
REMARKS.—Well pumped and sampled, July 26 and November 17, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—November 1985 to current year. Continuous record since November 1985.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 77.40 ft below land-surface datum, November 29, 1998; lowest, 131.68 ft below land-surface datum, July 22, 1986.

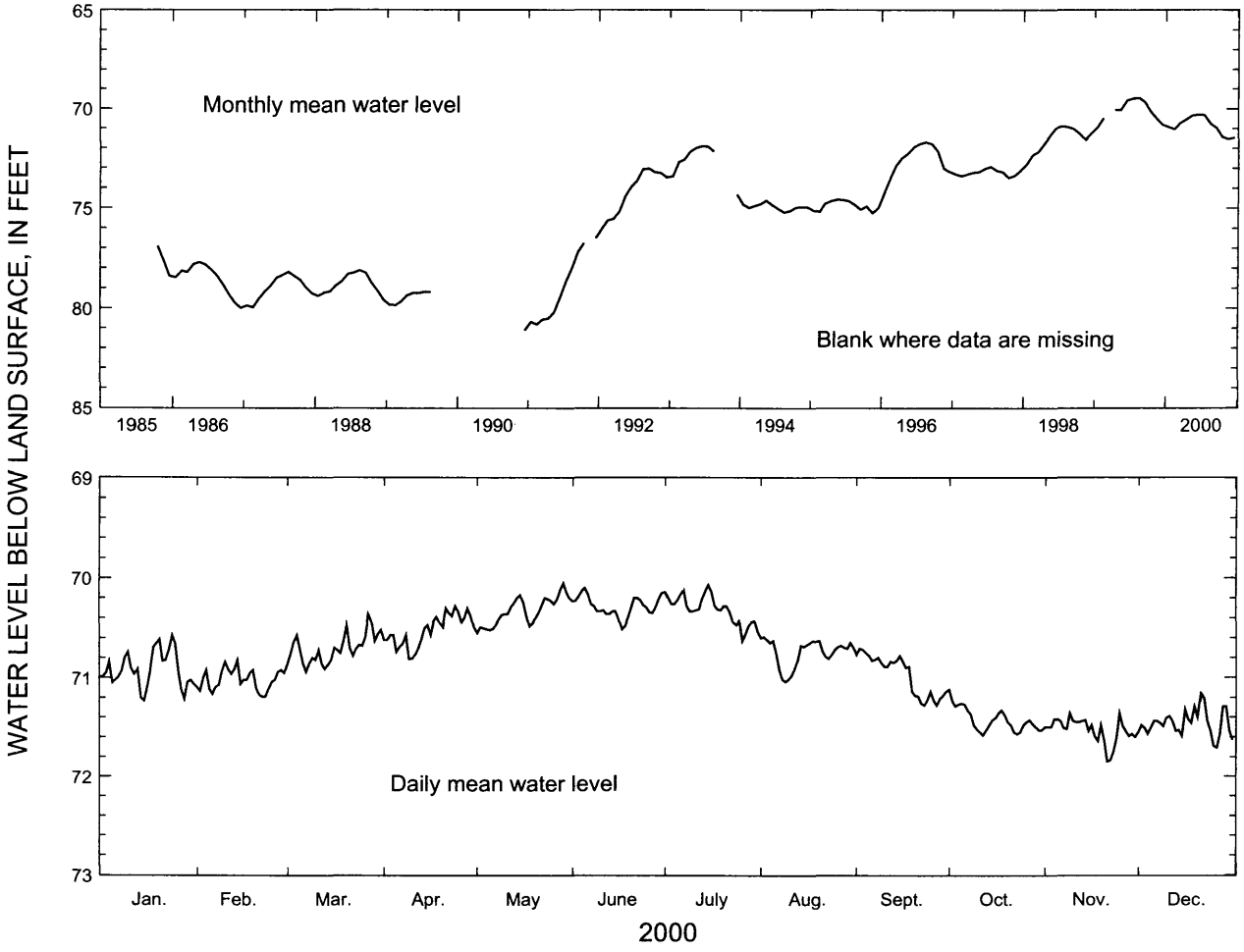


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	102.46	98.69	98.90	100.51	101.24	105.31	107.78	95.11	99.87	98.80	95.00	88.31
MEAN	103.77	100.79	100.02	101.45	105.93	108.84	109.66	105.89	104.32	100.01	97.80	97.05
LOW	105.51	102.95	101.23	102.50	109.38	110.77	111.78	110.91	108.66	101.13	100.98	107.54

SUMMARY FOR 2000 HIGH 88.31 (Dec. 30, 2000) MEAN 102.97 LOW 111.78 (July 21, 2000)

IDENTIFICATION NUMBER. 37Q186.

COUNTY.—Chatham
LOCATION.—Lat 32°06′22″, long 81°06′37″, Hydrologic Unit 03060109.
SITE NAME.—U.S. Geological Survey, Hutchinson Island, test well 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Paleocene and Cretaceous aquifer systems equivalents of low permeability.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 and 4 in., depth 1,520 ft, 6 in. casing to 792 ft and 4 in. from 792 to 1,380 ft, open hole.
DATUM.—Altitude of land-surface datum is 6 ft.
REMARKS.—Well pumped and sampled, July 26 and November 17, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—October 1985 to current year. Continuous record since October 1985.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 69.27 ft below land-surface datum, August 29, 1999; lowest, 81.88 ft below land-surface datum, December 14, 1990.

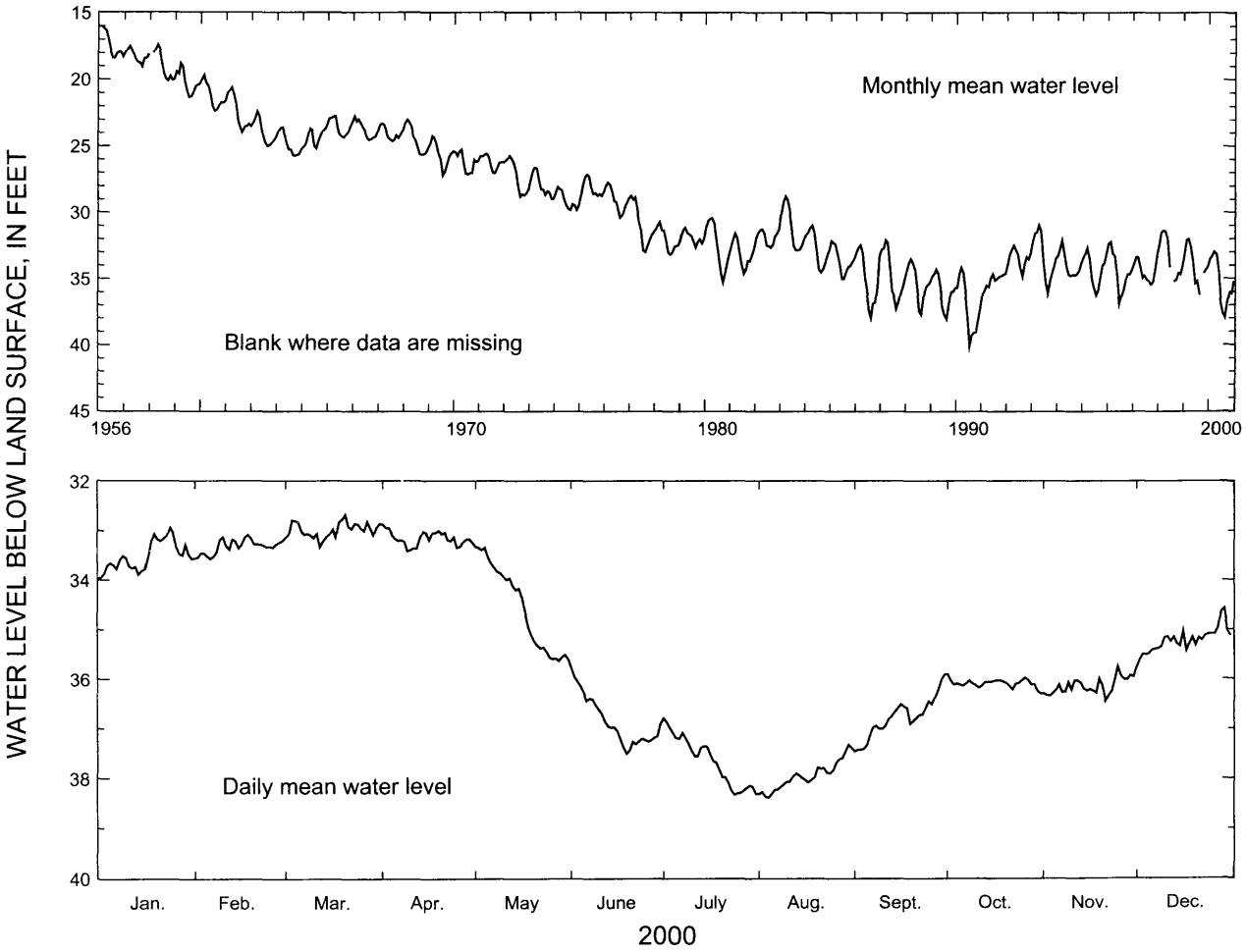


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	70.57	70.82	70.36	70.28	70.05	70.10	70.07	70.59	70.71	71.12	71.36	71.16
MEAN	70.92	71.02	70.71	70.52	70.33	70.29	70.31	70.75	70.97	71.43	71.53	71.46
LOW	71.23	71.19	70.94	70.81	70.55	70.51	70.63	71.04	71.28	71.58	71.85	71.71

SUMMARY FOR 2000 HIGH 70.05 (May 29, 2000) MEAN 70.85 LOW 71.85 (Nov. 21, 2000)

IDENTIFICATION NUMBER. 38Q002.

COUNTY.—Chatham
LOCATION.—Lat 32°02′01″, long 80°54′11″, Hydrologic Unit 03060204.
SITE NAME.—U.S. National Park Service, test well 6.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 8 in., depth 348 ft, cased to 110 ft, open hole.
DATUM.—Altitude of land-surface datum is 8.0 ft.
REMARKS.—Well pumped and sampled, July 25 and November 20, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—February 1956 to current year. Continuous record since February 1956.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 16.00 ft below land-surface datum, March 5, 1956; lowest, 40.69 ft below land-surface datum, July 16, 1990.

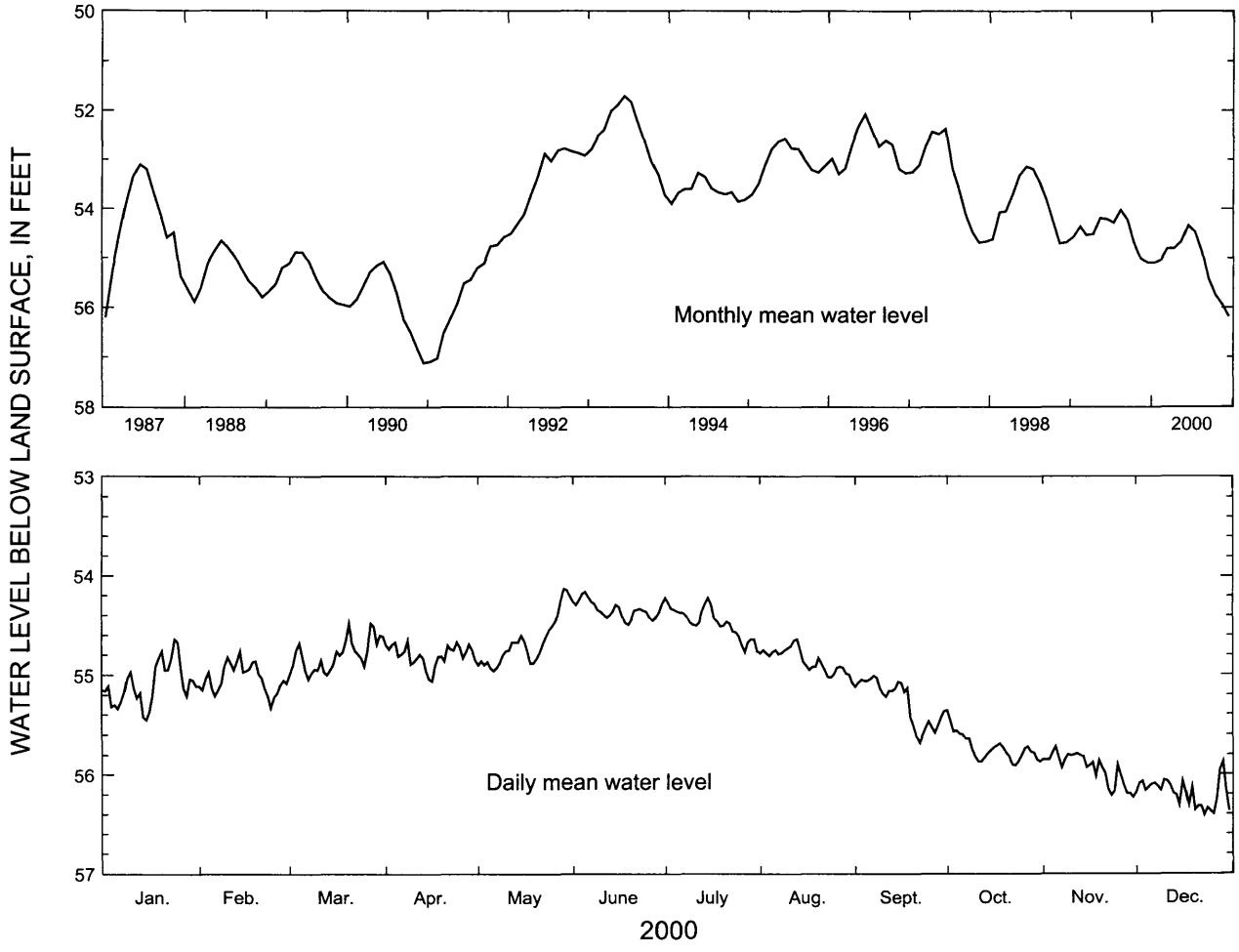


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	32.94	33.08	32.67	32.87	33.32	35.77	36.79	37.32	35.91	35.90	35.75	34.57
MEAN	33.52	33.32	32.98	33.16	34.55	36.85	37.65	37.95	36.78	36.09	36.15	35.23
LOW	33.98	33.57	33.33	33.41	35.63	37.50	38.33	38.38	37.45	36.30	36.45	35.77

SUMMARY FOR 2000 HIGH 32.67 (Mar. 20, 2000) MEAN 35.36 LOW 38.38 (Aug. 4, 2000)

IDENTIFICATION NUMBER. 38Q201.

COUNTY.—Chatham
LOCATION.—Lat 32°01′50″, long 80°54′06″, Hydrologic Unit 03060109.
SITE NAME.—U.S. National Park Service, Fort Pulaski, test well.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Paleocene and Cretaceous aquifer systems equivalents of low permeability.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 1,546 ft, cased to 1,358 ft, open hole.
DATUM.—Altitude of land-surface datum is 7 ft.
REMARKS.—Well pumped and sampled, July 25, August 29, September 20, and November 6 and 20, 2000, for analysis of chloride concentration.
PERIOD OF RECORD.—January 1987 to current year. Continuous record since January 1987.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 51.40 ft below land-surface datum, June 24, 1993; lowest, 57.38 ft below land-surface datum, January 6, 1991.

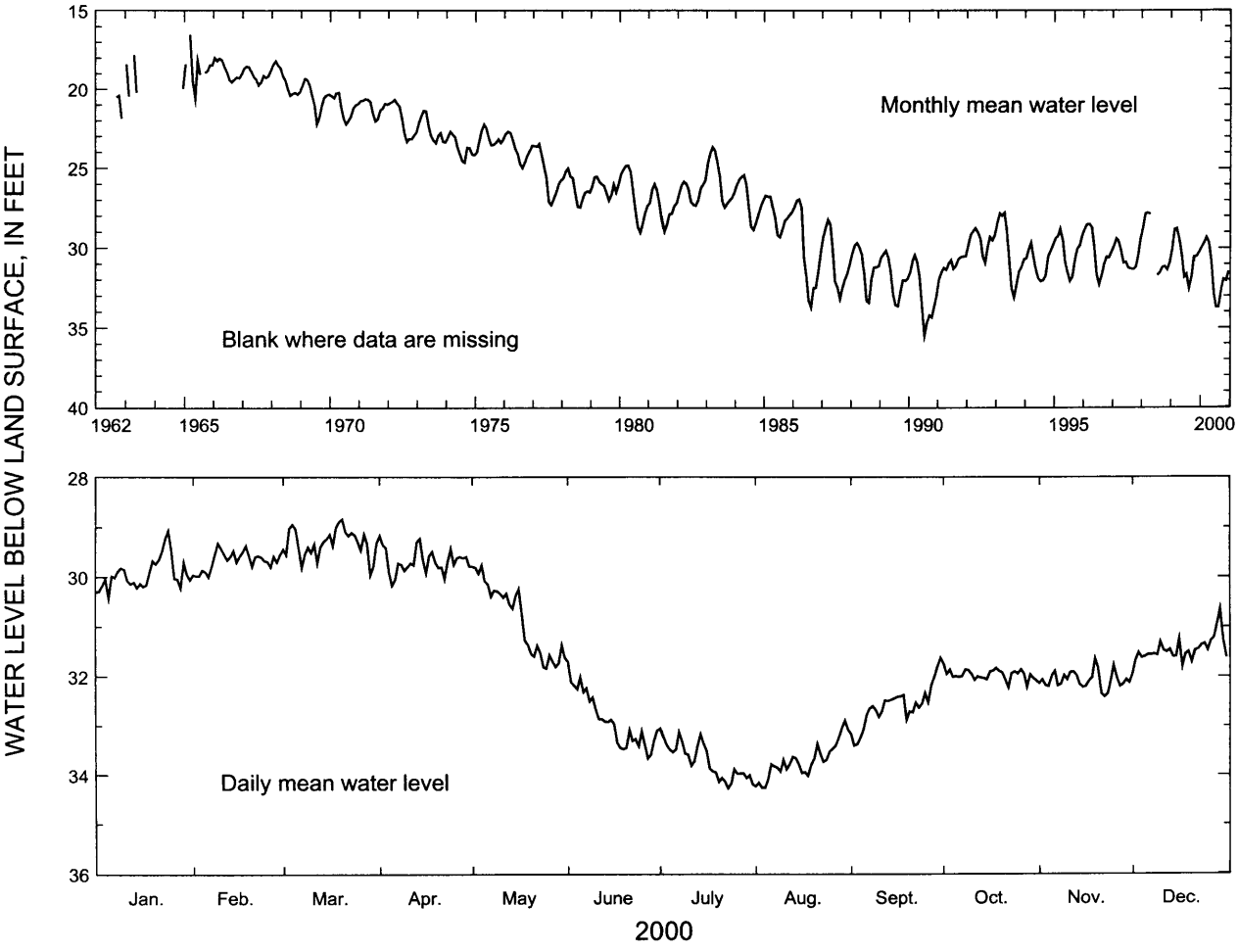


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	54.64	54.76	54.48	54.65	54.13	54.16	54.22	54.64	55.01	55.36	55.72	55.87
MEAN	55.09	55.03	54.80	54.80	54.67	54.34	54.47	54.86	55.27	55.74	55.94	56.19
LOW	55.45	55.33	55.04	55.06	54.96	54.49	54.77	55.08	55.68	55.91	56.23	56.41

SUMMARY FOR 2000 HIGH 54.13 (May 29, 2000) MEAN 55.10 LOW 56.41 (Dec. 23, 2000)

IDENTIFICATION NUMBER. 39Q003.

COUNTY.—Chatham
LOCATION.—Lat 32°01′22″, long 80°51′01″, Hydrologic Unit 03060204.
SITE NAME.—U.S. Geological Survey, test well 7.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Upper Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 10 in., depth 600 ft, cased to 129 ft, open hole.
DATUM.—Altitude of land-surface datum is 7.0 ft.
REMARKS.—None.
PERIOD OF RECORD.—May 1962 to current year. Continuous record since December 1964.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 17.80 ft below land-surface datum, April 11, 1963; lowest, 36.07 ft below land-surface datum, July 11-12, 1990.

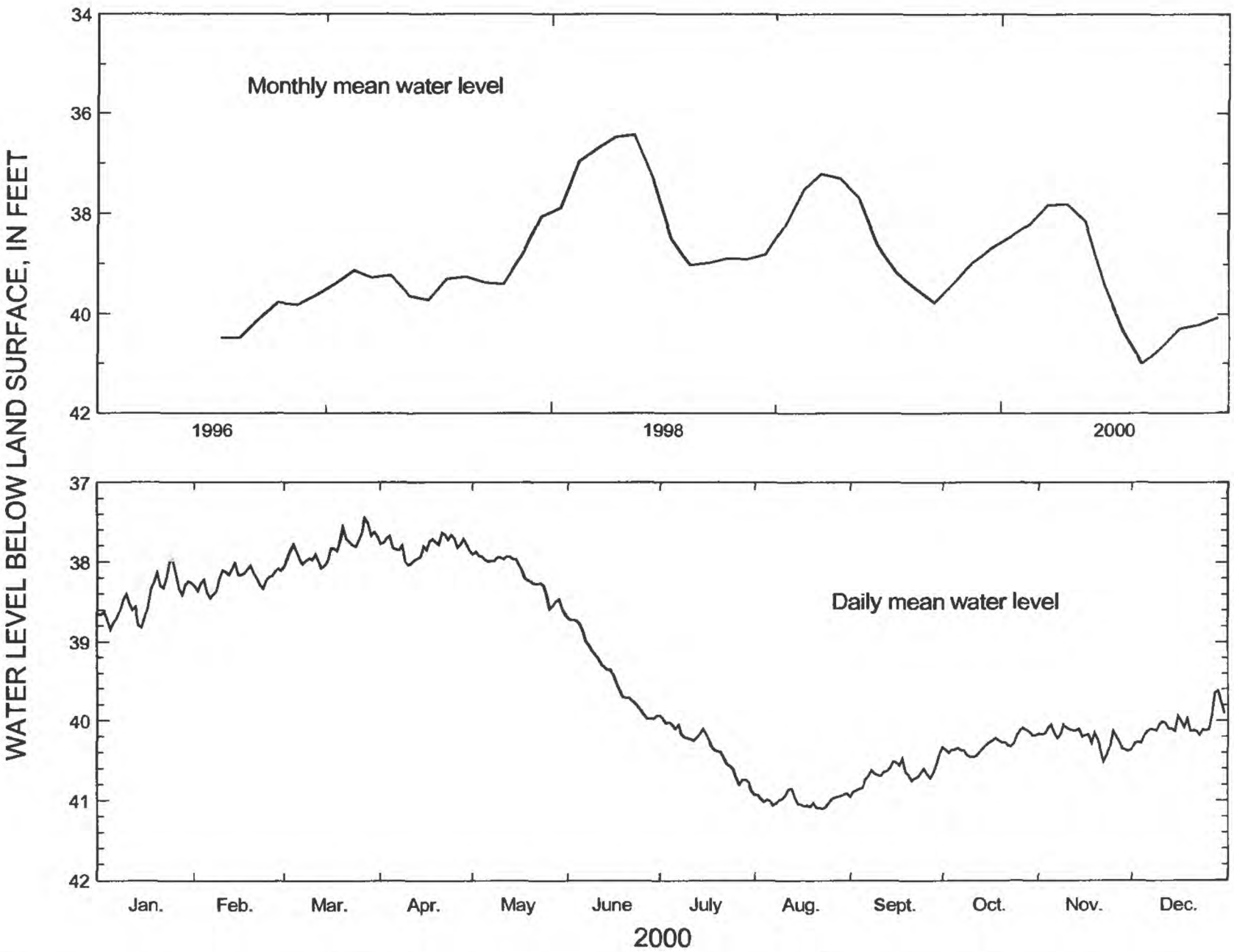


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	29.07	29.32	28.84	29.17	29.76	31.71	33.05	32.89	31.63	31.75	31.64	30.64
MEAN	29.94	29.66	29.32	29.67	30.84	32.89	33.72	33.71	32.60	31.97	32.07	31.47
LOW	30.43	30.00	29.96	30.17	31.84	33.66	34.27	34.26	33.40	32.22	32.40	31.95

SUMMARY FOR 2000 HIGH 28.84 (Mar. 20, 2000) MEAN 31.49 LOW 34.27 (July 23, 2000)

IDENTIFICATION NUMBER. 39Q024.

COUNTY.—Chatham
LOCATION.—Lat 32°01′27″, long 80°51′12″, Hydrologic Unit 03060109.
SITE NAME.—*Tybee Island, test well 1.*
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Lower Floridan.
WELL CHARACTERISTICS.—Drilled observation well, diameter 4 in., depth 888 ft, cased to 840 ft, open hole.
DATUM.—Altitude of land-surface datum is 10 ft.
REMARKS.—None.
PERIOD OF RECORD.—July 1996 to current year. Continuous record since July 1996.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 36.24 ft below land-surface datum, May 11, 1998; lowest, 41.10 ft below land-surface datum, August 23, 2000.

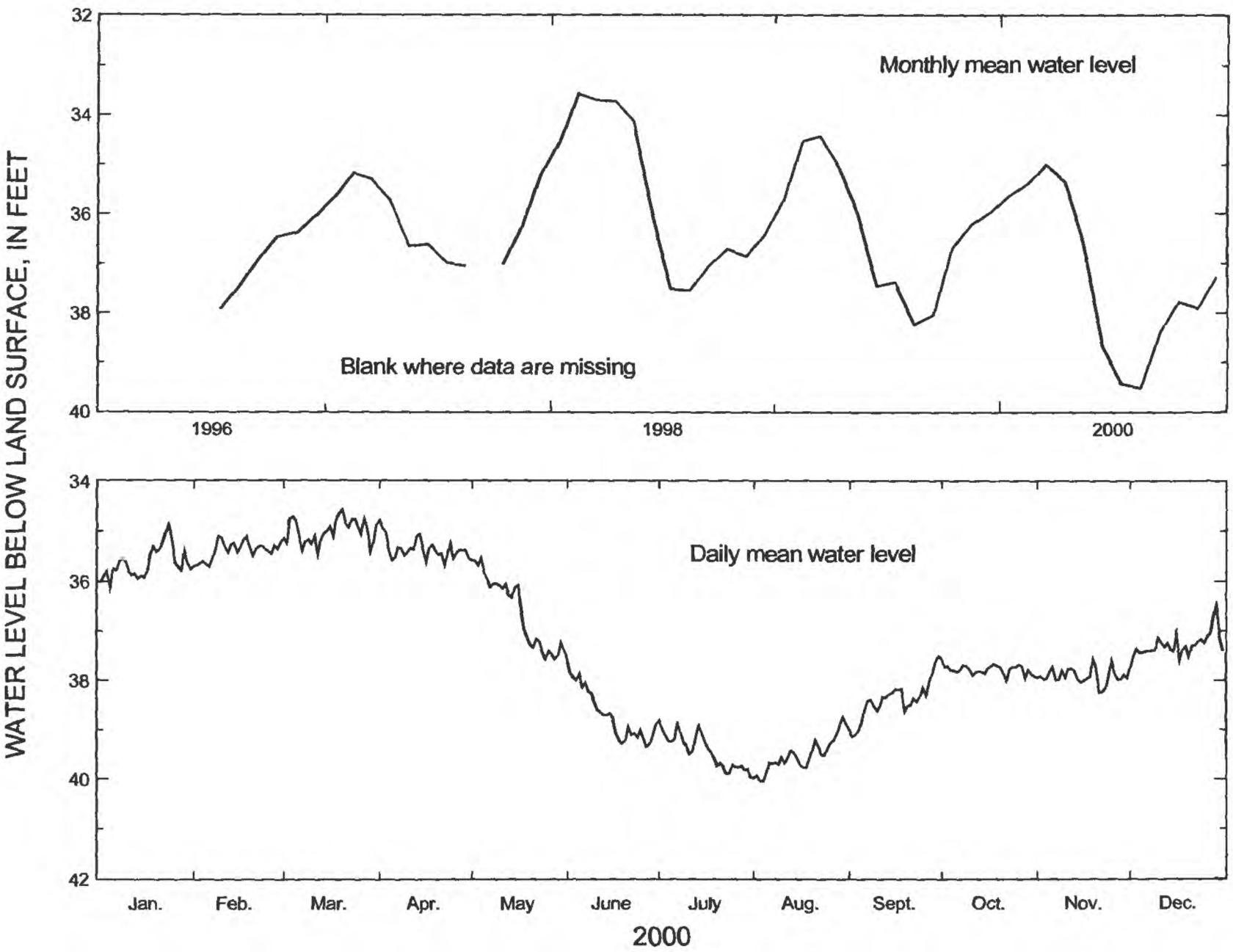


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	37.97	38.00	37.45	37.63	37.87	38.69	39.94	40.85	40.42	40.09	40.05	39.62
MEAN	38.46	38.20	37.82	37.80	38.15	39.40	40.34	41.00	40.67	40.29	40.21	40.07
LOW	38.85	38.45	38.07	38.03	38.64	39.98	40.88	41.10	40.95	40.45	40.51	40.36

SUMMARY FOR 2000 HIGH 37.45 (Mar. 27, 2000) MEAN 39.37 LOW 41.10 (Aug. 23, 2000)

IDENTIFICATION NUMBER. 39Q025.

COUNTY.—Chatham
LOCATION.—Lat 32°01′27″, long 80°51′12″, Hydrologic Unit 03060109.
SITE NAME.—Tybee Island, test well 2.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—surficial.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 145 ft, cased to 125 ft, screened 20 ft.
DATUM.—Altitude of land-surface datum is 10 ft.
REMARKS.—None.
PERIOD OF RECORD.—July 1996 to current year. Continuous record since July 1996.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 33.00 ft below land-surface datum, February 27, 1998; lowest, 40.05 ft below land-surface datum, August 4, 2000.

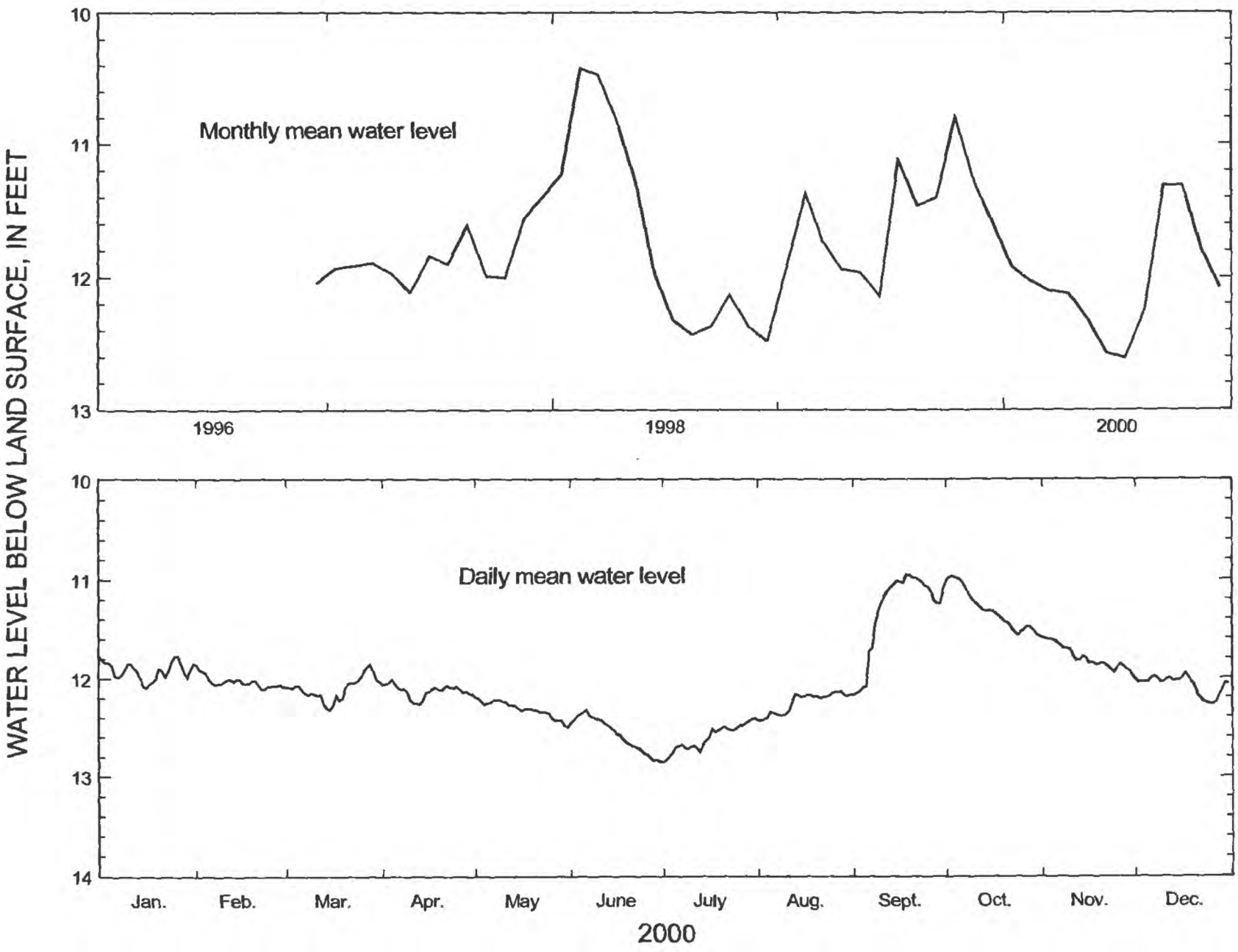


2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	34.87	35.09	34.58	34.78	35.53	37.54	38.81	38.74	37.50	37.55	37.55	36.49
MEAN	35.64	35.38	35.00	35.35	36.59	38.67	39.43	39.52	38.40	37.78	37.91	37.28
LOW	36.14	35.70	35.47	35.68	37.57	39.34	39.97	40.05	39.14	38.00	38.25	37.72

SUMMARY FOR 2000 HIGH 34.58 (Mar. 20, 2000) MEAN 37.25 LOW 40.05 (Aug. 4, 2000)

IDENTIFICATION NUMBER. 39Q026.

COUNTY.—Chatham
LOCATION.—Lat 32°01′27″, long 80°51′12″, Hydrologic Unit 03060109.
SITE NAME.—Tybee Island, test well 3.
INSTRUMENTATION.—Electronic data recorder.
AQUIFER.—Low permeability equivalent of the Upper Brunswick Aquifer.
WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 100 ft, screened 20 ft.
DATUM.—Altitude of land-surface datum is 10 ft.
REMARKS.—None.
PERIOD OF RECORD.—December 1996 to current year. Continuous record since December 1996.
EXTREMES FOR PERIOD OF RECORD.—Highest water level, 10.12 ft below land-surface datum, February 23, 1998; lowest, 13.37 ft below land-surface datum, January 7, 1998.



2000	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
HIGH	11.77	11.86	11.86	12.01	12.19	12.32	12.41	12.13	10.95	10.97	11.59	11.95
MEAN	11.92	12.03	12.10	12.12	12.31	12.57	12.61	12.25	11.31	11.31	11.79	12.08
LOW	12.09	12.11	12.32	12.26	12.50	12.85	12.86	12.43	12.17	11.58	11.97	12.27

SUMMARY FOR 2000 HIGH 10.95 (Sept. 18-19, 2000) MEAN 12.03 LOW 12.86 (July 1, 2000)