

Broward County

VOLUME 2B: SOUTH FLORIDA

Key to site locations on figure # 12

BROWARD COUNTY

Index Number	Site Number	Well Name	Page Number	Index Number	Site Number	Well Name	Page Number
1	260010080085001	F 291	46	32	261147080114501	G 2395	93
2	260545080082001	G 561	73	33	255919080091202	G 2409	42
3	260515080202101	G 617	68	34	255919080091203	G 2410	43
4	261434080071901	G 853	97	35	260041080093101	G 2425	52
5	261100080140401	G 1212	89	36	260041080093102	G 2426	53
6	261734080111301	G 1213	106	37	260120080093401	G 2441	57
7	260752080084701	G 1220	81	38	261446080062801	G 2445	99
8	260458080134801	G 1221	67	39	255936080091701	G 2477	44
9	260219080141101	G 1223	59	40	255936080091702	G 2478	45
10	260032080135701	G 1225	48	41	260155080092002	G 2612	58
11	260053080105701	G 1226	54	42	261724080054603	G 2694	105
12	261122080083401	G 1232	90	43	261831080151301	G 2739	108
13	261903080065601	G 1260	109	44	261643080055901	G 2752	103
14	261708080090801	G 1315	104	45	260241080112701	G 2785	60
15	261441080111301	G 1316	98	46	260012080100001	G 2807	47
16	261143080082901	G 1340	92	47	261938080101001	G 2852	110
17	255916080090401	G 1435	40	48	261641080064801	G 2866	102
18	255918080091801	G 1473	41	49	261740080054101	G 2893	107
19	255807080224301	G 1636	36	50	261304080072501	G 2896	94
20	261534080165801	G 2031	101	51	261030080083301	G 2897	87
21	260821080185101	G 2032	84	52	260920080092201	G 2898	85
22	261141080163401	G 2033	91	53	260804080092701	G 2899	82
23	260653080184901	G 2034	77	54	260325080113901	G 2900	62
24	260040080104401	G 2035	51	55	260737080103302	G 2901R	79
25	260534080112101	G 2129	72	56	260638080104801	G 2902	75
26	260530080112101	G 2130	69	57	255843080090901	G 2903	37
27	261501080060701	G 2147	100	58	260534080110801	G 2904	70
28	261403080070801	G 2149	96	59	260101080091501	G 2906	55
29	260342080115902	G 2264	66	60	260326080120301	G 2921	64
30	255910080085802	G 2294	39	61	260039080083402	G 2948	49
31	260547080105801	G 2352	74	62	260657080122301	S 329	78

VOLUME 2B: SOUTH FLORIDA

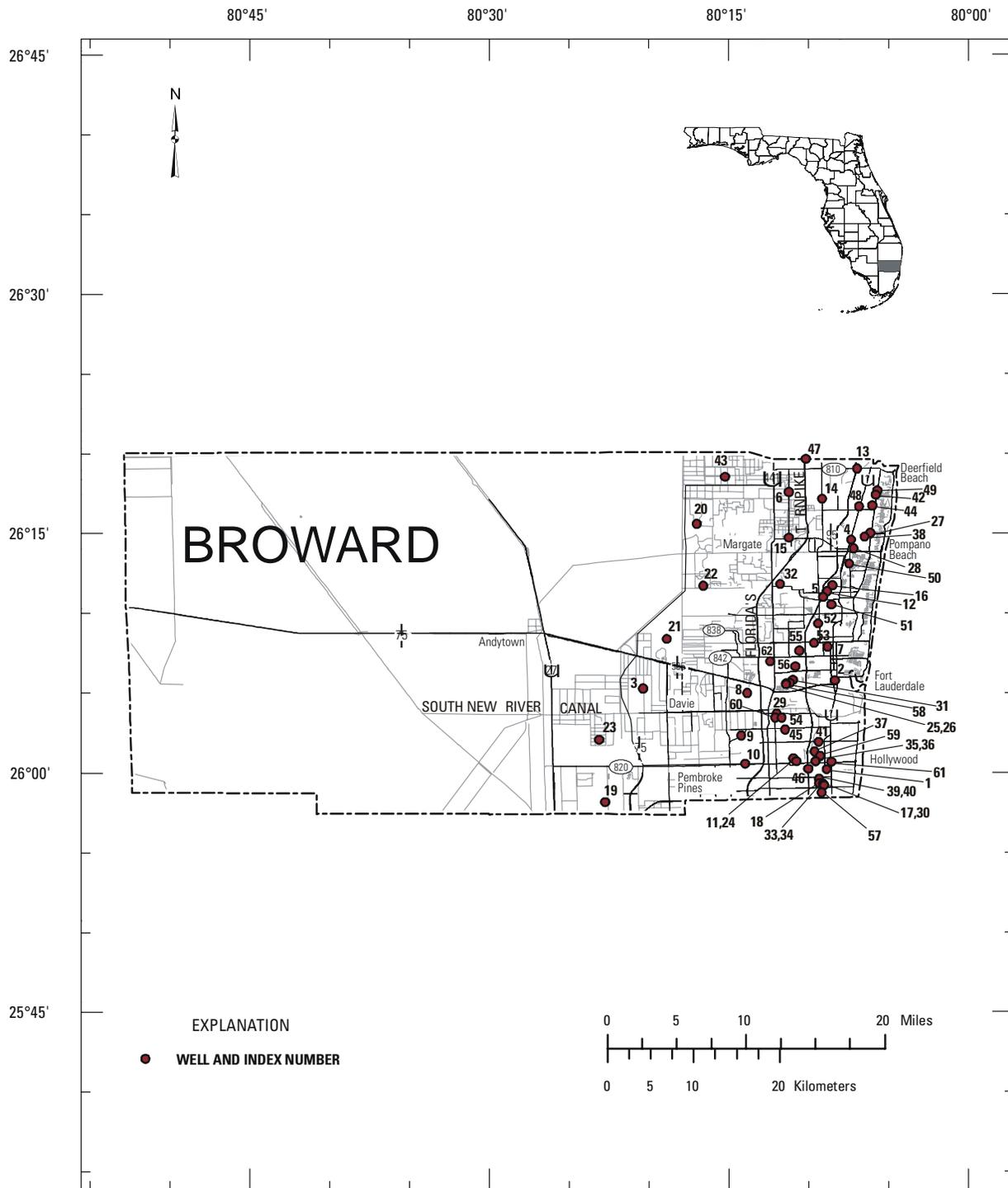


Figure 12. Location of wells in Broward County

BROWARD COUNTY

WELL NUMBER.--255807080224301. Local Number G 1636. USGS Observation Well in Miramar, FL.

LOCATION.--Lat 25°58'07", long 80°22'43", in SW 1/4 NE 1/4 NE 1/4 sec.31, T.51 S., R.40 E., Hydrologic Unit 03090202, at radio towers west of SW 172nd Avenue, 3 mi south of State Road 820, 4 mi west of Flamingo Road, and 5.8 mi northwest of Carol City.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 24 ft, cased to 24 ft.

REVISED RECORDS.--WDR FL-85-2B: 1979.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 9.17 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 6.0 ft above NGVD. (Corrected).

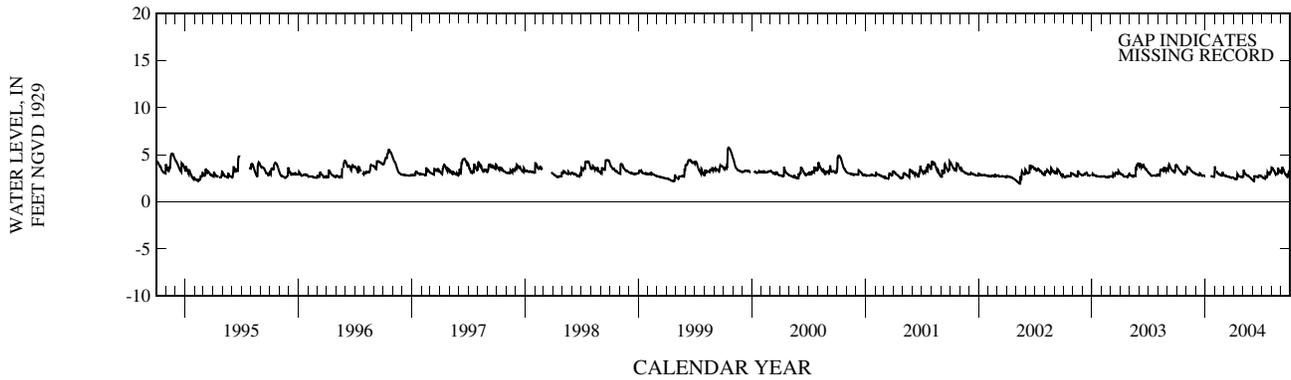
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.77 ft NGVD, Oct. 18, 1999; lowest, 1.79 ft NGVD, May 23, 1985 and June 2, 1992.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.67	3.58	2.94	---	3.26	2.78	2.44	3.15	2.22	2.57	3.53	3.71
10	3.39	3.62	2.91	---	3.05	2.73	2.43	2.94	2.70	2.47	3.25	3.31
15	3.21	3.37	3.01	---	2.96	2.68	2.78	2.78	2.69	2.60	2.89	2.90
20	3.04	3.20	2.79	2.73	2.80	2.63	2.73	2.72	2.62	3.09	2.98	2.68
25	2.92	3.09	2.79	2.69	3.10	2.59	2.67	2.54	2.80	2.90	3.22	3.00
EOM	3.15	2.99	2.79	3.10	2.89	2.58	2.65	2.37	2.71	3.23	3.20	3.43
MAX	3.89	3.65	3.03	---	---	2.84	2.95	3.40	2.82	3.23	3.64	3.71



BROWARD COUNTY—Continued

WELL NUMBER.--2558430800901. Local Number G 2903. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°58'44", long 80°09'09", in SE 1/4 NE 1/4 SE 1/4 sec.28, T.51 S., R.42 E., Hydrologic Unit 03090202, 44 ft south of transmit lift station on the east side of SW 4th Avenue and north of SE 6th Street. (Corrected).

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 155.5 ft, cased to 145.5 ft, screened 145.5 to 155.5 ft.

INSTRUMENTATION.--Quarterly measurement with chalked tape. See REMARKS.

DATUM.--Measuring point: Top of casing, 5.06 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 5.1 ft above NGVD.

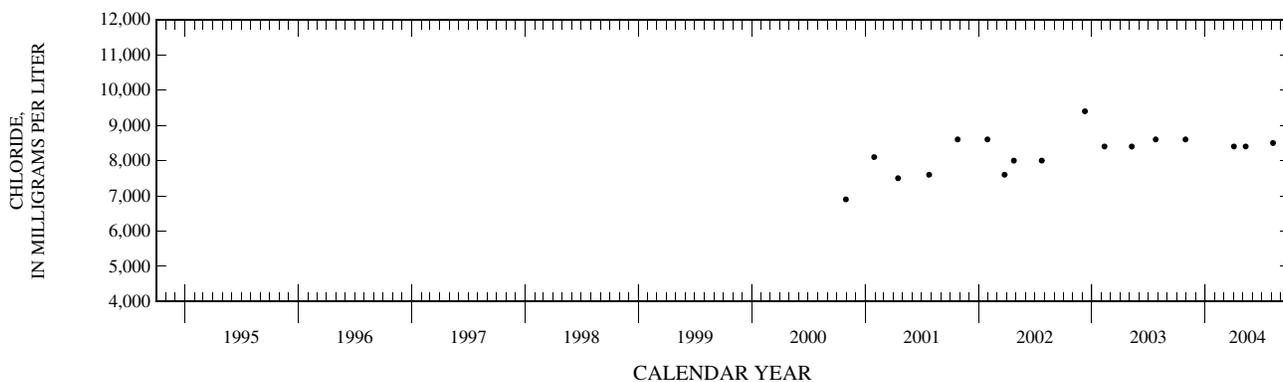
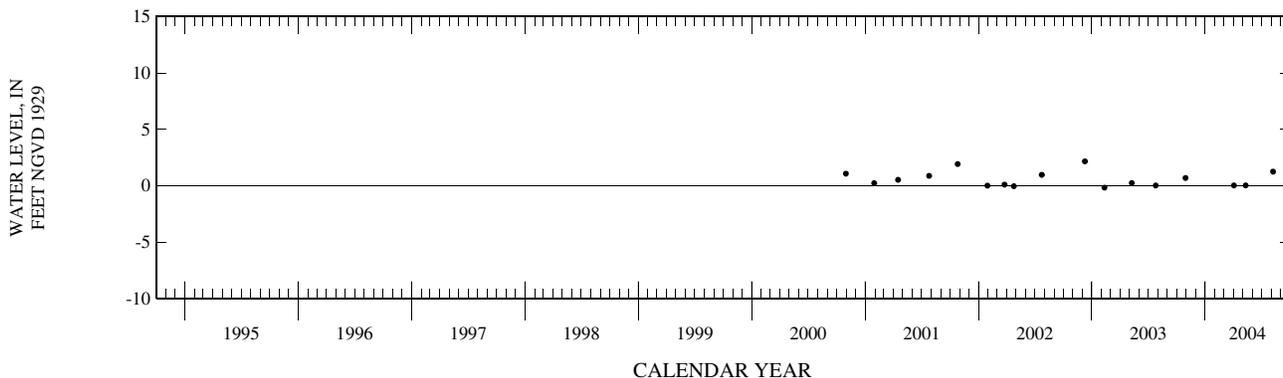
REMARKS.--Well is also used for salinity monitoring, including an annual induction log. Induction logs are used to assess the movement of the fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in the front of the book. A calibration error was found to have affected some of the historical bulk conductivity logs collected by an induction logger. Bulk conductivity logs prior to the 2002 water year had been calibrated to a standard of 1,301 mS/m. For these calibrations an internal setting limited the probe response to 1,000 mS/m. Data for the affected years was corrected by applying a 0.7686 multiplier. Quarterly water-level measurements began in October 2000.

PERIOD OF RECORD.--April 2000 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.17 ft NGVD, Dec. 9, 2002; lowest, 0.16 ft below NGVD, Feb. 10, 2003.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

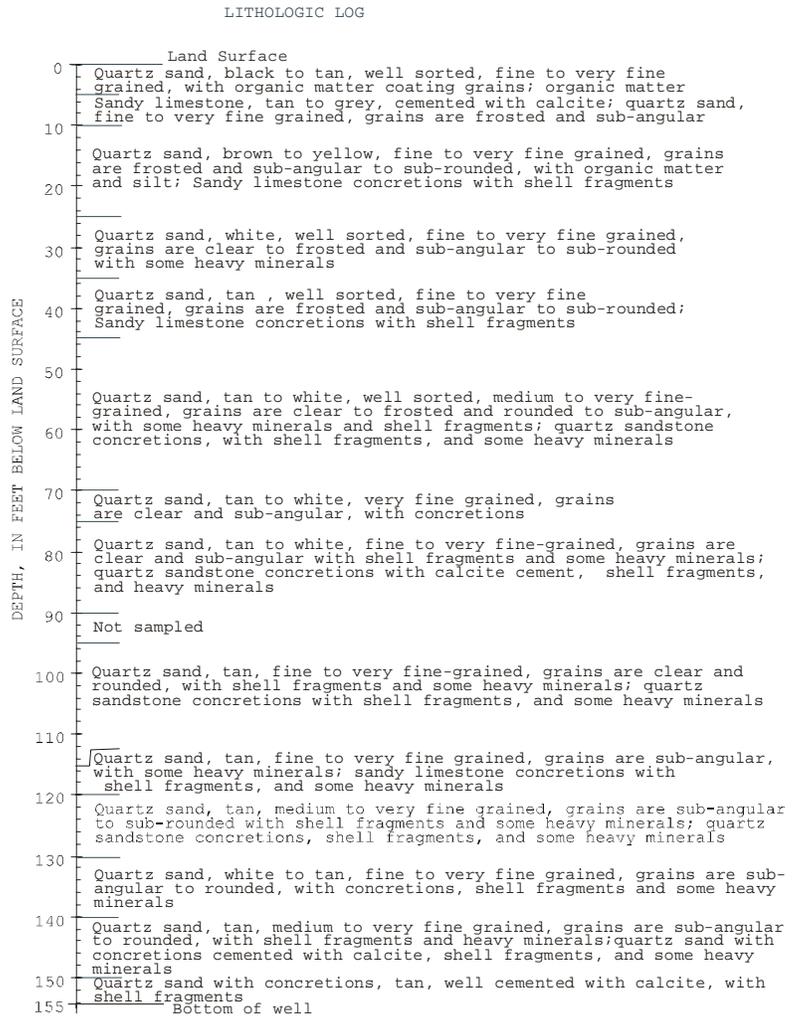
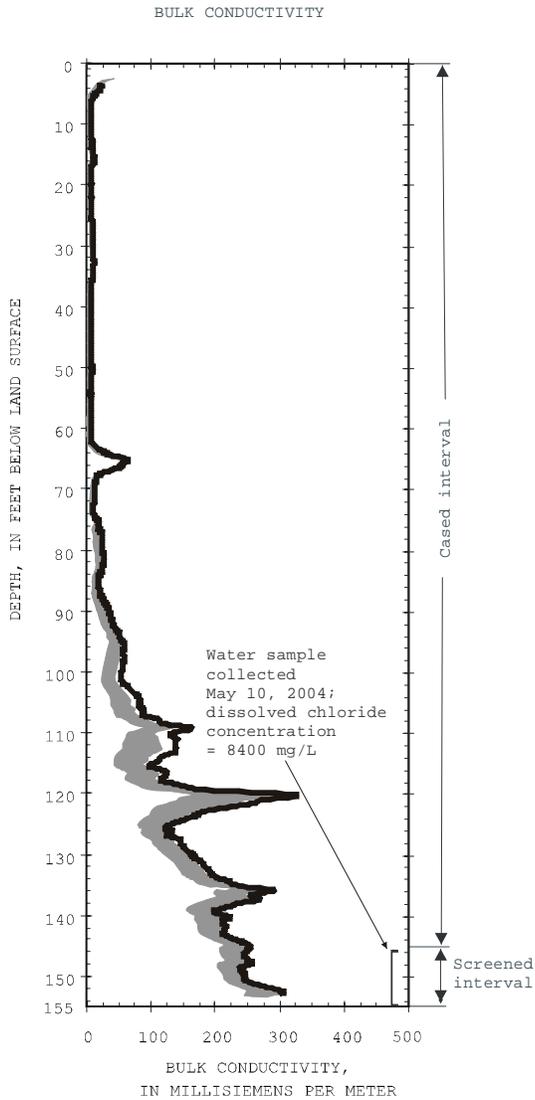
Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 29...	1500	.70	24,100	8,600	MAY 10...	1058	.04	23,900	8,400
APR 02...	0934	.04	24,000	8,400	AUG 06...	0855	1.26	23,700	8,500



BROWARD COUNTY—Continued

WELL NUMBER.--255843080090901. Local Number G 2903. USGS Observation Well near Hallandale, FL.-Continued

255843080090901 G-2903



Compiled and modified from the original lithologic description by Hydrologic Associates USA Inc., Miami, FL.

EXPLANATION

— Bulk conductivity, in millisiemens per meter, May 10, 2004

Shaded area represents range in bulk conductivity logs collected from April 17, 2000 to May 9, 2003

[Delimits the interval for which the well is open to the aquifer

BROWARD COUNTY—Continued

WELL NUMBER.--255910080085802. Local Number G 2294. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°59'11", long 80°08'59", in SW 1/4 NW 1/4 SW 1/4 sec.27, T.51 S., R.42 E., Hydrologic Unit 03090202, at intersection, 19 ft north of NW 1st Street and 10 ft west of NW 1st Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 139 ft, cased to 135 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 9.95 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 9.4 ft above NGVD.

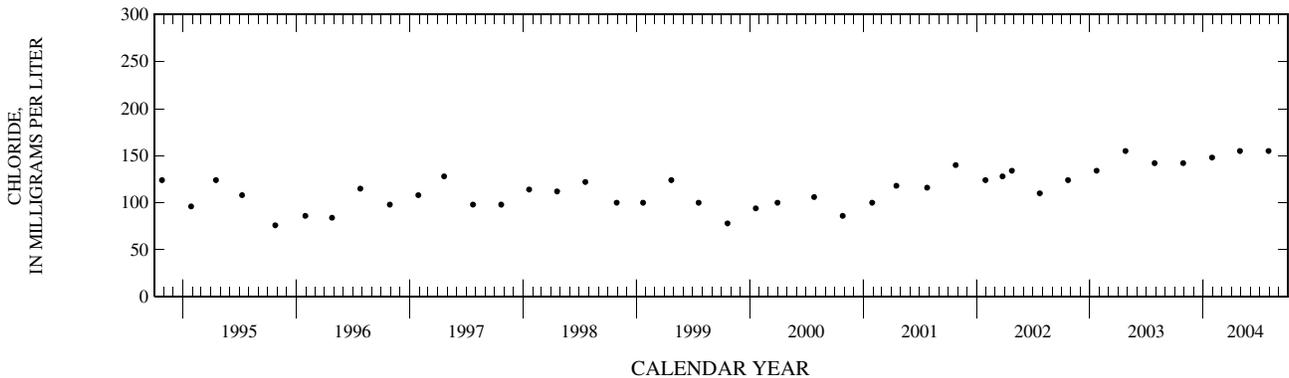
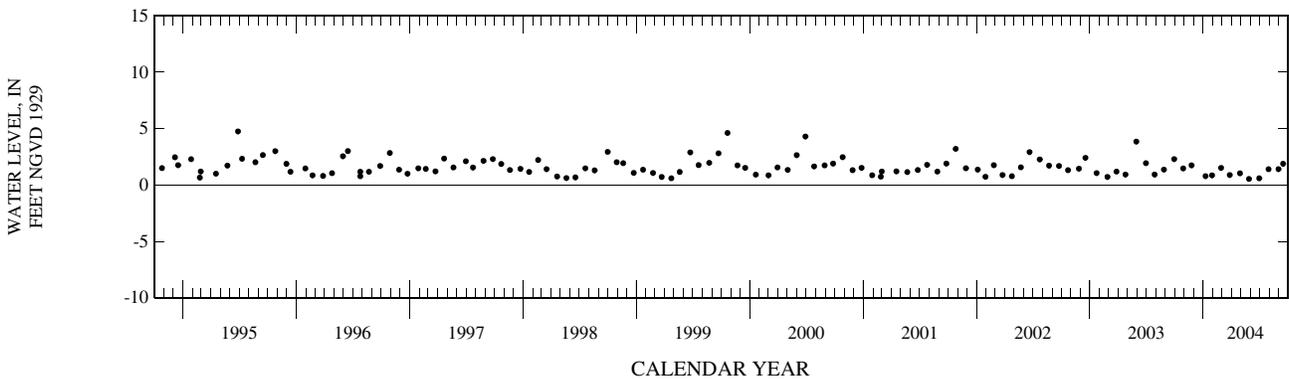
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--July 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.74 ft NGVD, June 27, 1995; lowest, 0.54 ft below NGVD, Feb. 24, 1992.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)
OCT					MAY				
28...	1039	1.46	767	142	27...	1114	.53	--	--
NOV					JUN				
24...	1020	1.74	--	--	29...	1118	.59	--	--
JAN					JUL				
08...	1040	.78	--	--	29...	1102	1.39	857	155
29...	1047	.85	777	148	AUG				
FEB					30...	0946	1.40	--	--
27...	1043	1.51	--	--	SEP				
MAR					14...	0953	1.88	--	--
26...	1053	.88	--	--					
APR									
28...	1018	1.03	812	155					



BROWARD COUNTY—Continued

WELL NUMBER.--255916080090401. Local Number G 1435. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°59'16", long 80°09'04", in NE ¼ NE ¼ NE ¼ sec.28, T.51 S., R.42 E., Hydrologic Unit 03090202, 14.5 ft north of NW 2nd Street centerline and 55 ft east of NW 3rd Avenue centerline.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 204 ft, cased to 196 ft.

REVISED RECORDS.--WDR FL-99-2B: 1998.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 11.68 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 11.8 ft above NGVD.

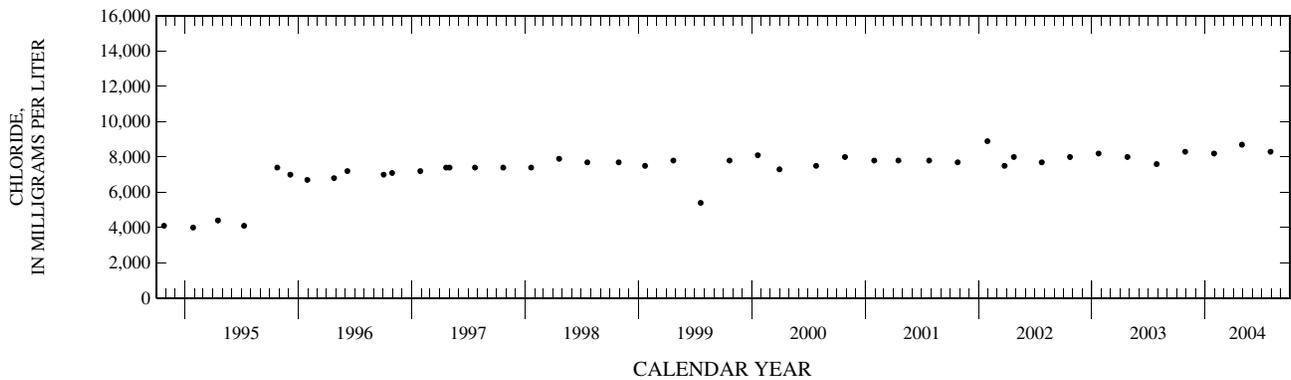
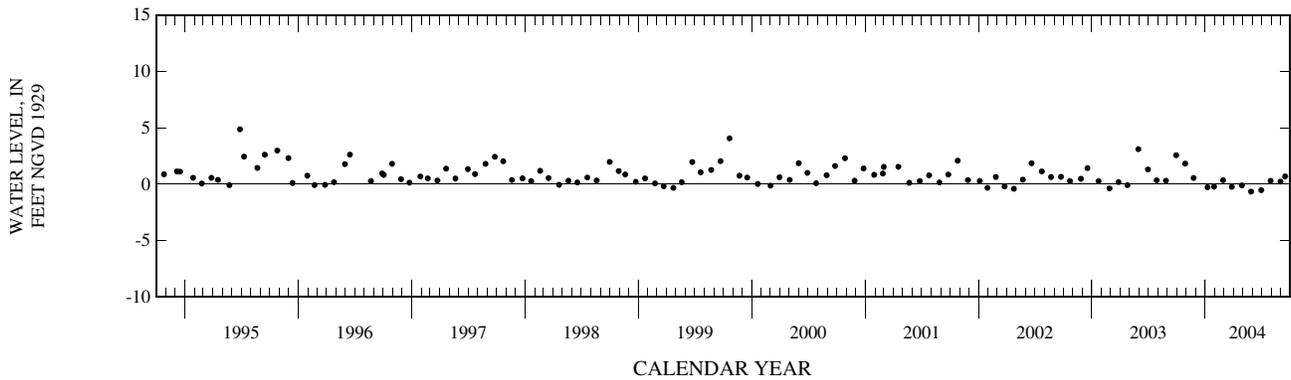
REMARKS.--Well also used since 1969 for salinity monitoring. Previously published figures of water level elevation, as feet NGVD for the 1998 water year are incorrect. Corrected records are available in the files of the U.S. Geological Survey.

PERIOD OF RECORD.--October 1979, July 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.80 ft NGVD, Oct. 4, 1979; lowest, 0.65 ft below NGVD, May 27, 2004.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, ftrd, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, ftrd, mg/L (00940)
OCT					MAY				
28...	1023	1.83	23,200	8,300	27...	1106	-.65	--	--
NOV					JUN				
24...	1010	.56	--	--	29...	1109	-.52	--	--
JAN					JUL				
08...	1028	-.26	--	--	29...	1035	.30	23,800	8,300
29...	1019	-.21	22,900	8,200	AUG				
FEB					30...	0940	.23	--	--
27...	1037	.36	--	--	SEP				
MAR					14...	0945	.70	--	--
26...	1043	-.23	--	--					
APR									
28...	0950	-.10	23,500	8,700					



BROWARD COUNTY—Continued

WELL NUMBER.--255918080091801. Local Number G 1473. USGS Observation Well in Hallandale, FL.

LOCATION.--Lat 25°59'18", long 80°09'18", in NE 1/4 NW 1/4 NE 1/4 sec.28, T.51 S., R.42 E., Hydrologic Unit 03090202, near NW 6th Avenue and 2nd Street. (Corrected).

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in., depth 132 ft cased to 126 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 14.58 ft above National Geodetic Vertical Datum of 1929. From October 1977 to October 1980, measuring point was considered to be 14.85 ft above NGVD. Prior to October 1977, measuring point was considered to be 13.63 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 12.1 ft above National Geodetic Vertical Datum of 1929. (Corrected).

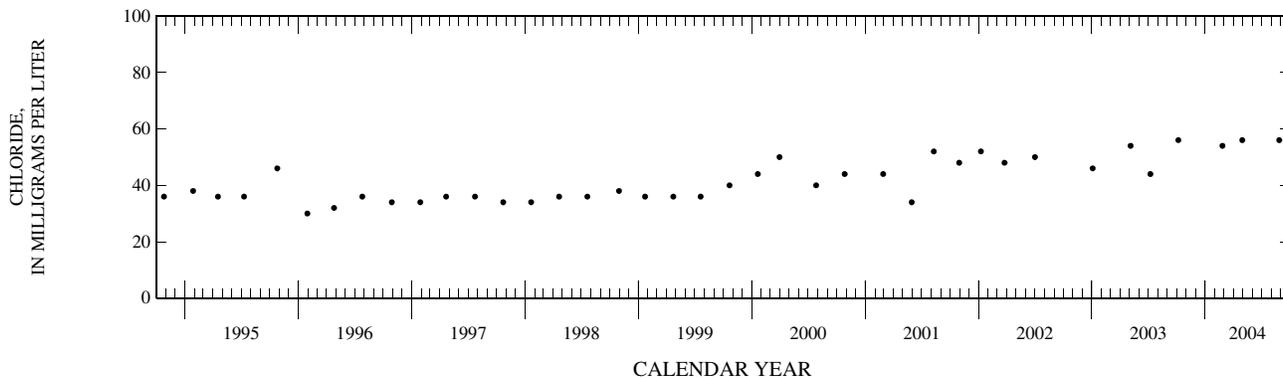
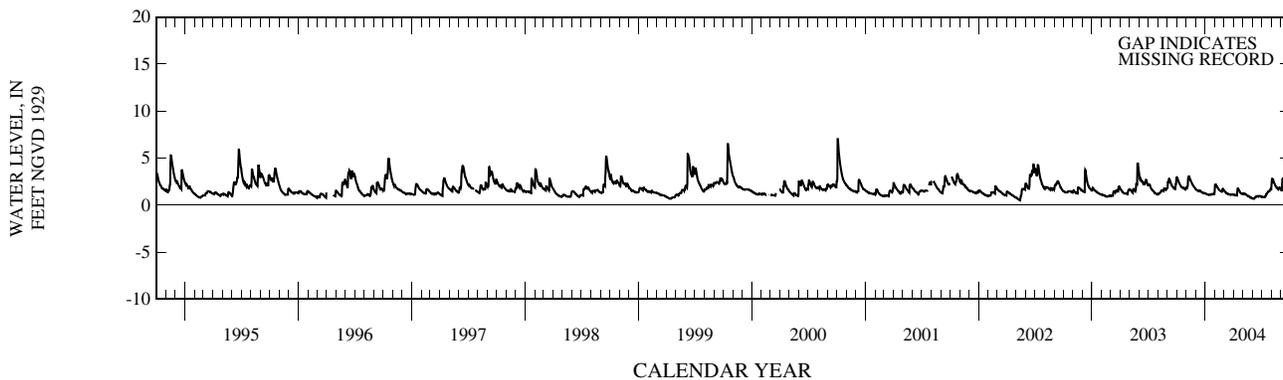
REMARKS.--Well also used for salinity monitoring. Salinity monitoring began in April 25, 1980. The figures of water level as elevation, in feet NGVD, prior to October 1, 1980, are in error. Corrected records are in files of the U.S. Geological Survey. Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--November 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.02 ft NGVD, Oct. 3, 4, 2000; lowest, 0.21 ft NGVD, Apr. 19, 21, 22, 1971.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.71	2.03	1.59	1.17	2.13	1.38	1.08	1.24	0.71	0.87	2.76	2.75
10	2.27	3.01	1.54	1.11	1.83	1.25	1.04	1.15	0.85	0.87	2.32	2.51
15	1.98	2.64	1.53	1.09	1.59	1.18	1.77	1.01	0.97	1.11	2.00	2.03
20	1.88	2.26	1.39	1.14	1.47	1.13	1.49	0.91	0.90	1.38	1.84	1.73
25	1.74	1.96	1.30	1.19	1.67	1.12	1.24	0.83	0.98	1.49	1.84	2.17
EOM	1.84	1.74	1.27	1.44	1.62	1.12	1.23	0.73	0.87	1.69	1.67	2.70
MAX	2.96	3.06	1.70	1.44	2.20	1.57	1.77	1.24	0.98	1.73	2.79	2.81



BROWARD COUNTY—Continued

WELL NUMBER.--255919080091202. Local Number G 2409. USGS Observation Well in Hallandale, FL.

LOCATION.--Lat 25°59'19", long 80°09'12", in NW ¼ NE ¼ NE ¼ sec.28, T.51 S., R.42 E., Hydrologic Unit 03090202, 1 ft east of G-2408, 11 ft east of northwest corner of building on southeast corner of NW 3rd Street and NW 5th Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 84 ft, cased to 83 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 10.58 ft above National Geodetic Vertical Datum of 1929. Prior to October 1996, measuring point was incorrectly considered to be 10.64 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 10.9 ft above NGVD.

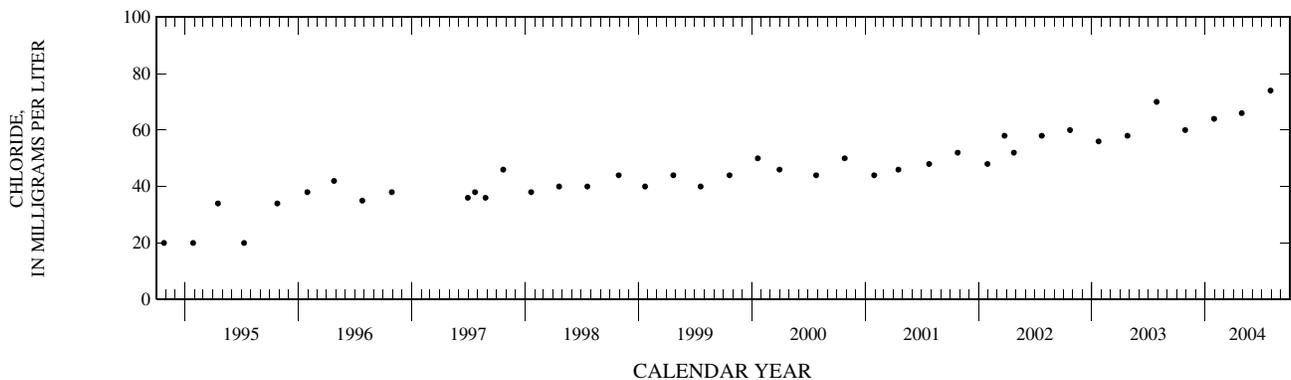
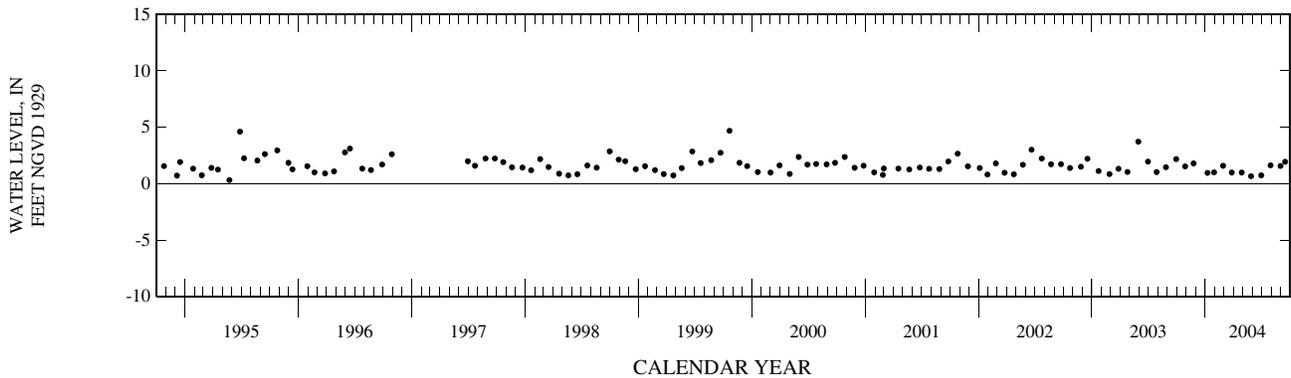
REMARKS.--Well also used for salinity monitoring. The figures of water levels as elevation, in feet NGVD, prior to October 1996 are in error. Corrected records are in files of the U.S. Geological Survey. See DATUM.

PERIOD OF RECORD.--September 1985 to February 1986 (weekly), March 1986 to September 1990 (intermittent), October 1990 to October 1996, June 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.68 ft NGVD, Oct. 21, 1999; lowest, 0.31 ft NGVD, May 24, 1995.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 28...	0937	1.52	572	60.0	MAY 27...	1030	.65	--	--
NOV 24...	0930	1.79	--	--	JUN 29...	1017	.73	--	--
JAN 08...	0947	.95	--	--	JUL 29...	0956	1.62	609	74.0
JAN 29...	0941	1.00	577	64.0	AUG 30...	0846	1.56	--	--
FEB 27...	1009	1.58	--	--	SEP 14...	0907	1.93	--	--
MAR 26...	1016	.98	--	--					
APR 27...	0925	.98	609	66.0					



BROWARD COUNTY—Continued

WELL NUMBER.--255919080091203. Local Number G 2410. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°59'19", long 80°09'13", in NW 1/4 NE 1/4 NE 1/4 sec.28, T.51 S., R.42 E., Hydrologic Unit 03090202, 2 ft north of sidewalk and 1 ft west of G-2408, 9 ft east of northwest corner of building on southeast corner of NW 3rd Street and NW 5th Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.25 in., depth 206 ft, cased to 205 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 10.55 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 10.8 ft above NGVD.

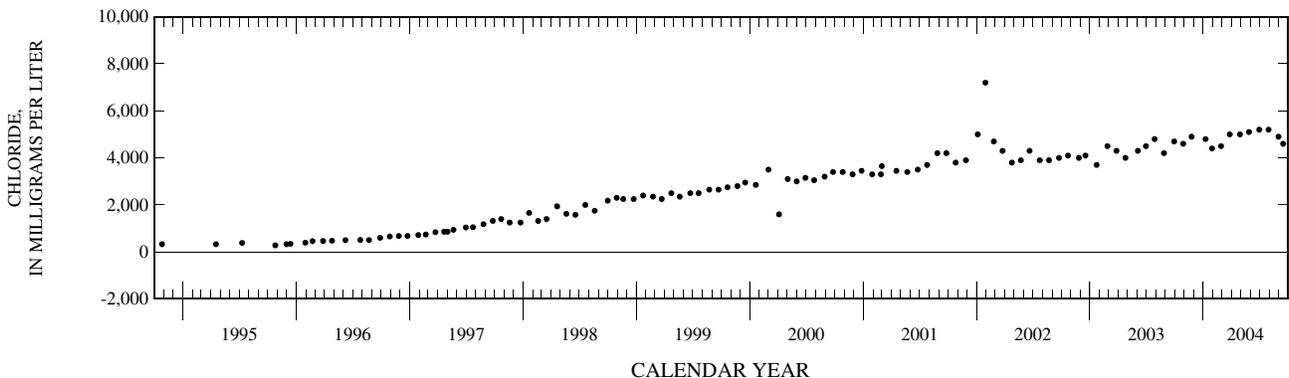
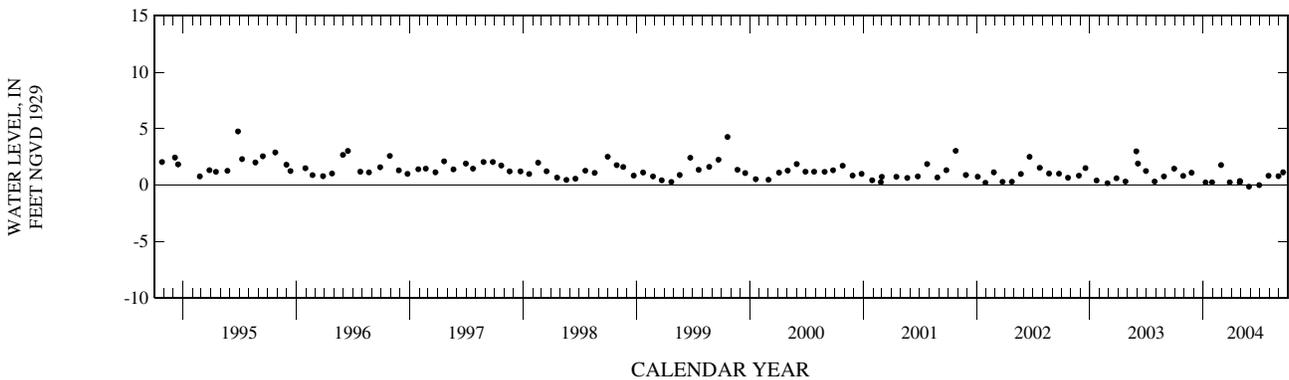
REMARKS.--Well also used for salinity monitoring. Salinity monitoring began in June 1985.

PERIOD OF RECORD.--September 1985 to February 1986 (weekly), March 1986 to November 1986 (intermittent), December 1986 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.76 ft NGVD, June 27, 1995; lowest, 0.13 ft below NGVD, May 27, 2004.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 28...	0941	.82	11,700	4,600	APR 27...	0928	.23	--	--
NOV 24...	0934	1.10	12,300	4,900	APR 28...	0910	.35	12,700	5,000
JAN 08...	0950	.24	11,900	4,800	MAY 27...	1033	-.13	13,200	5,100
JAN 29...	0943	.25	12,000	4,400	JUN 29...	1025	.00	13,400	5,200
FEB 27...	1013	1.78	12,400	4,500	JUL 29...	0958	.83	13,000	5,200
MAR 26...	1018	.25	12,600	5,000	AUG 30...	0850	.80	13,300	4,900
					SEP 14...	0909	1.14	13,200	4,600



BROWARD COUNTY—Continued

WELL NUMBER.--255936080091701. Local Number G 2477. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°59'36", long 80°09'19", in SE 1/4 NW 1/4 SE 1/4 sec.21, T.51 S., R.42 E., Hydrologic Unit 03090202, at northwest corner of intersection of NW 6th Avenue and NW 8th Street, 82 ft west of NW 6th Avenue and 11 ft north of NW 8th Street.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 80 ft, cased to 75 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 12.69 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 12.9 ft above NGVD.

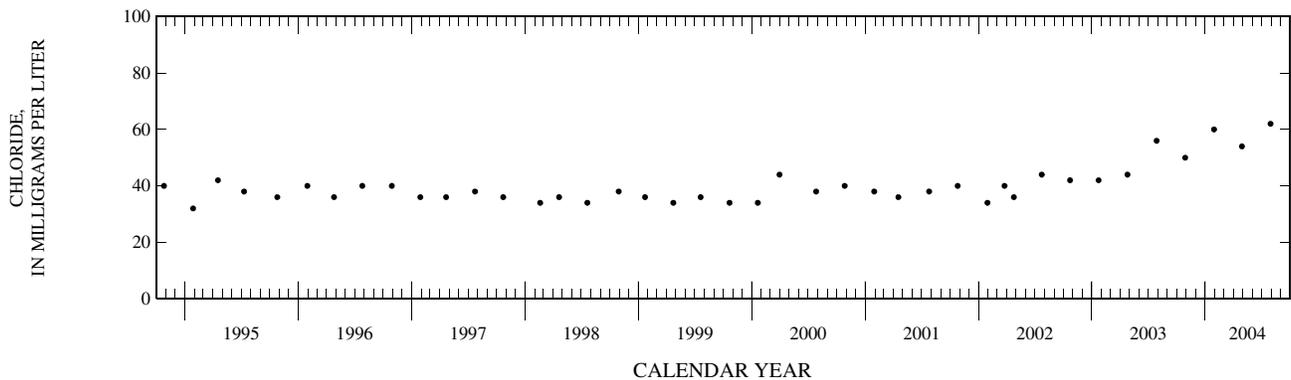
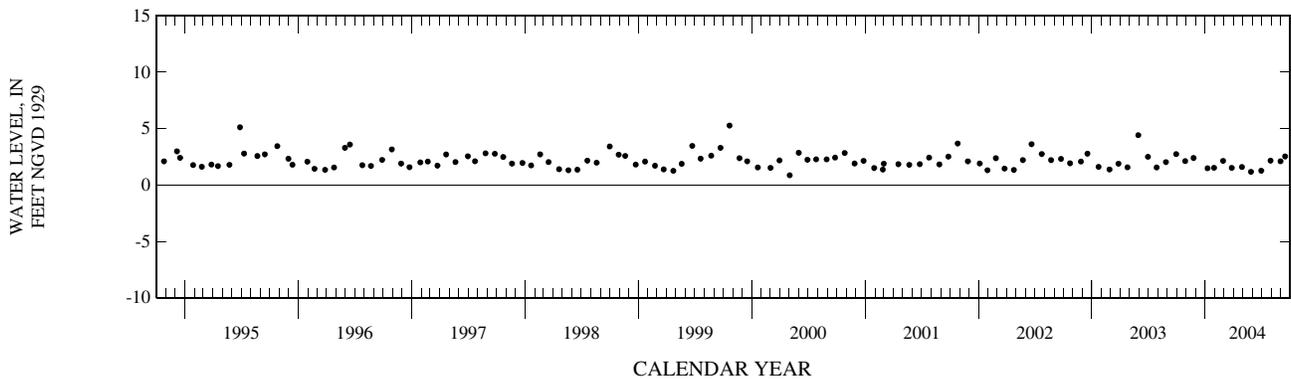
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--July 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.26 ft NGVD, Oct. 21, 1999; lowest, 0.86 ft NGVD, May 2, 2000.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat un uS/cm 25 degC (00095)	Chlor- ide, water, fltred, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat un uS/cm 25 degC (00095)	Chlor- ide, water, fltred, mg/L (00940)
OCT					MAY				
28...	1109	2.11	526	50.0	27...	1124	1.16	--	--
NOV					JUN				
24...	1036	2.39	--	--	29...	1129	1.26	--	--
JAN					JUL				
08...	1053	1.48	--	--	29...	1130	2.15	543	62.0
29...	1117	1.52	526	60.0	AUG				
FEB					30...	0954	2.10	--	--
27...	1054	2.13	--	--	SEP				
MAR					14...	1001	2.53	--	--
26...	1103	1.51	--	--					
APR									
28...	1046	1.59	544	54.0					



BROWARD COUNTY—Continued

WELL NUMBER.--255936080091702. Local Number G 2478. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°59'36", long 80°09'19", in SE 1/4 NW 1/4 SE 1/4 sec.21, T.51 S., R.42 E., Hydrologic Unit 03090202, at northwest corner of intersection of NW 6th Avenue and NW 8th Street, 60 ft west of NW 6th Avenue and 11 ft north of NW 8th Street.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 200 ft, cased to 195 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 12.48 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 12.8 ft above NGVD.

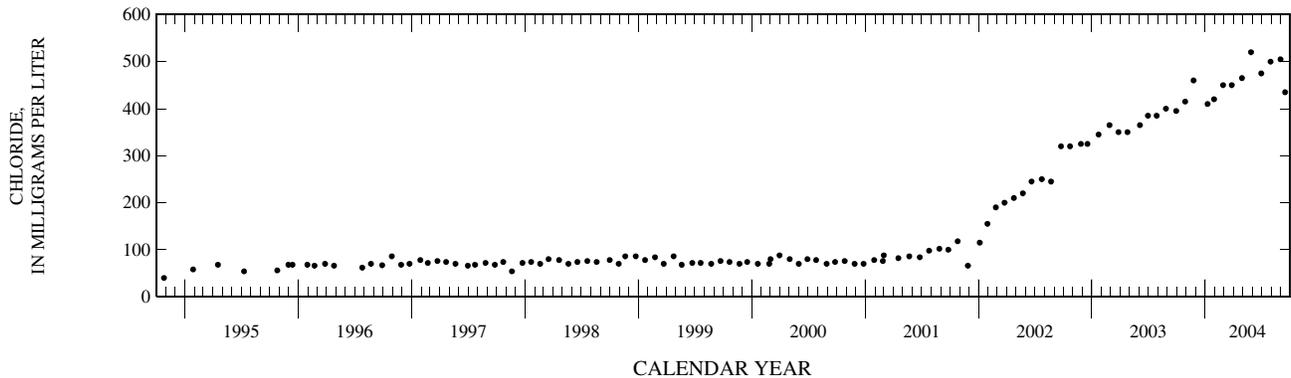
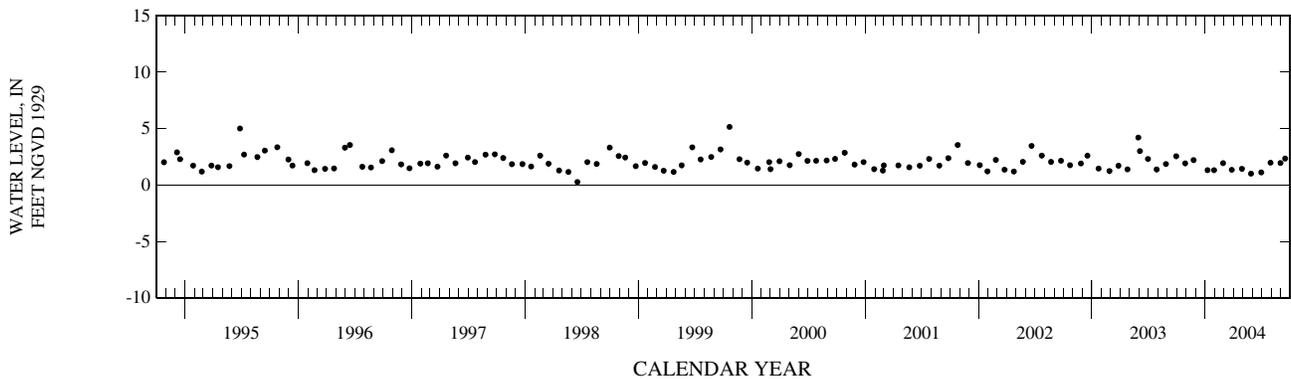
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--August 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.14 ft NGVD, Oct. 21, 1999; lowest, 0.26 ft NGVD, June 18, 1998.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)
OCT					MAY				
28...	1112	1.91	1,530	415	27...	1128	1.00	1,720	520
NOV					JUN				
24...	1038	2.20	1,580	460	29...	1131	1.11	1,750	475
JAN					JUL				
08...	1055	1.31	1,540	410	29...	1133	1.97	1,670	500
29...	1121	1.31	1,530	420	AUG				
FEB					30...	0958	1.94	1,780	505
27...	1057	1.93	1,580	450	SEP				
MAR					14...	1005	2.34	1,740	435
26...	1109	1.34	1,610	450					
APR									
28...	1048	1.43	1,630	465					



BROWARD COUNTY-Continued

WELL NUMBER.--260010080085001. Local Number F 291. USGS Observation Well in Hollywood, FL.

LOCATION.--Lat 26°00'10", long 80°08'50", in NE 1/4 NW 1/4 sec.22, T.51 S., R.42 E., Hydrologic Unit 03090202, at South 20th Avenue and Dewey Street, 1.1 mi west of U.S. Highway 1. (Corrected).

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, water-table well, diameter 6 in., depth 107 ft.

INSTRUMENTATION.--Satellite data collection platform.

DATUM.--Measuring point: Top of screw, 11.10 ft above National Geodetic Vertical Datum of 1929. From January 20, 1998 to June 20, 2000, measuring point was top of base, 11.08 ft above NGVD. From October 1991 to January 19, 1998, measuring point was top of casing, 11.06 ft above NGVD. From October 1985 to September 1991, top of base was incorrectly considered to be 11.18 ft above NGVD. From January 1948 to September 1985, measuring point was top of casing, 11.06 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 9.2 ft above NGVD.

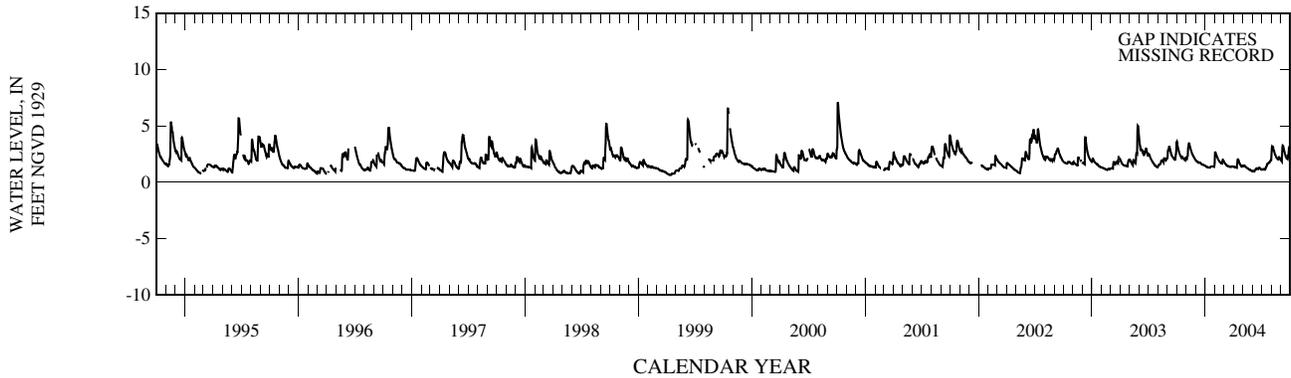
REMARKS.--Records of water levels prior to January 1957 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--January 1948 to current year. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.26 ft NGVD, Oct. 5, 1948; lowest, 0.16 ft NGVD, July 2, 1952.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.04	2.33	1.84	1.37	2.47	1.64	1.35	1.51	1.00	1.17	3.12	3.08
10	2.55	3.44	1.79	1.33	2.11	1.50	1.33	1.37	1.14	1.15	2.68	2.90
15	2.23	2.93	1.75	1.30	1.86	1.43	2.04	1.25	1.25	1.36	2.33	2.38
20	2.19	2.51	1.62	1.41	1.72	1.38	1.72	1.17	1.18	1.67	2.10	2.10
25	2.02	2.24	1.56	1.41	1.90	1.38	1.45	1.08	1.27	1.77	2.23	2.50
EOM	2.13	2.00	1.47	1.73	1.89	1.38	1.47	1.00	1.12	1.95	1.97	3.07
MAX	3.59	3.45	1.97	1.73	2.66	1.84	2.04	1.51	1.30	1.95	3.19	3.25



BROWARD COUNTY—Continued

WELL NUMBER.--260012080100001. Local Number G 2807. USGS Observation Well in Hollywood, FL.

LOCATION.--Lat 26°00'12", long 80°10'00" in SW ¼ SW ¼ SW ¼ sec.16, T.51 S., R.42 E., Hydrologic Unit 03090202, 30 ft east of west end of Washington Street, 5 ft east of G-2808.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, water-table well, diameter 2 in., depth 200 ft, cased to 196 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 8.63 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 8.6 ft above NGVD.

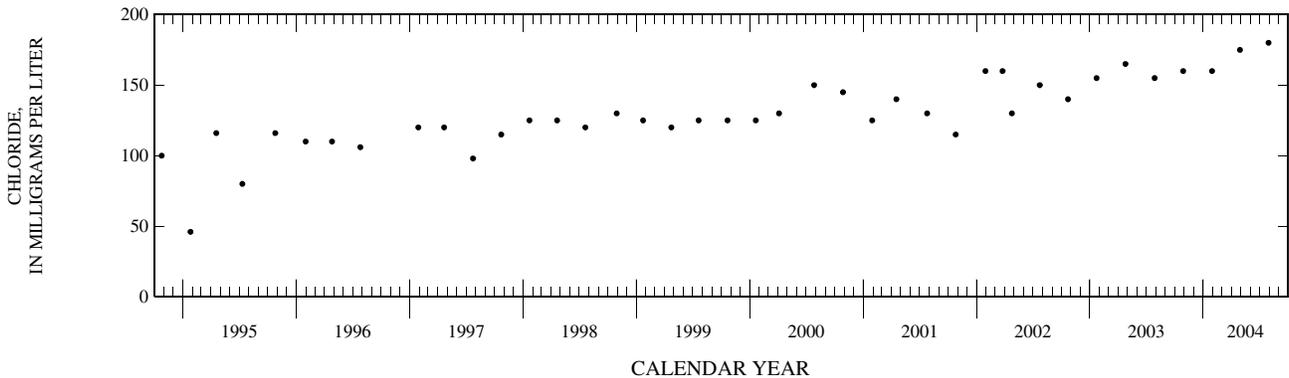
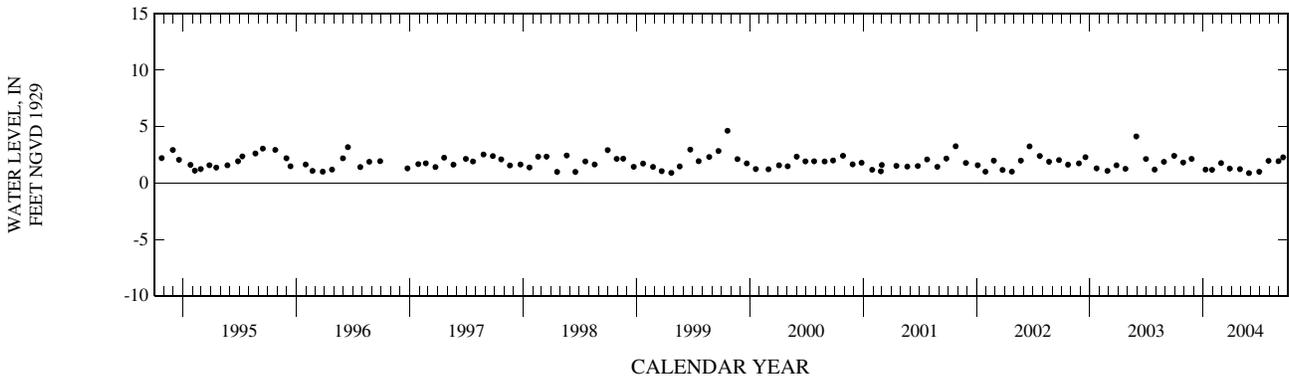
REMARKS.--Well is also used for salinity monitoring.

PERIOD OF RECORD.--January 1994 to July 1994 (intermittent), October 1994 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.62 ft NGVD, Oct. 21, 1999; lowest, 0.87 ft NGVD, May 27, 2004.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, ftrd, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, ftrd, mg/L (00940)
OCT					MAY				
28...	1210	1.81	879	160	27...	1205	.87	--	--
NOV					JUN				
24...	1106	2.13	--	--	29...	1201	.99	--	--
JAN					JUL				
08...	1140	1.18	--	--	29...	1229	1.96	818	180
29...	1226	1.16	866	160	AUG				
FEB					30...	1029	1.93	--	--
27...	1123	1.76	--	--	SEP				
MAR					14...	1036	2.27	--	--
26...	1149	1.27	--	--					
APR									
28...	1343	1.22	887	175					



BROWARD COUNTY—Continued

WELL NUMBER.--260032080135701. Local Number G 1225. USGS Observation Well in Hollywood, FL.

LOCATION.--Lat 26°00'32", long 80°13'57", in NE ¼ NE ¼ SE ¼ sec.15, T.51 S., R.41 E., Hydrologic Unit 03090202, at corner of Hollywood Boulevard and SW 72nd Avenue in Hollywood.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft, cased to 11 ft.

REVISED RECORDS.--WDR FL-81-2B: 1980.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 11.66 ft above National Geodetic Vertical Datum of 1929. From October 1992 to January 7, 2004, measuring point was 11.21 ft above NGVD. From June 1982 to October 1992, measuring point was top of base, 11.16 ft above NGVD. From May 1981 to December 1981 measuring point was top of base, 11.70 ft above NGVD. Prior to May 1981, measuring point was top of casing, 11.03 ft above NGVD. (Corrected). See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 9.1 ft above NGVD. (Corrected).

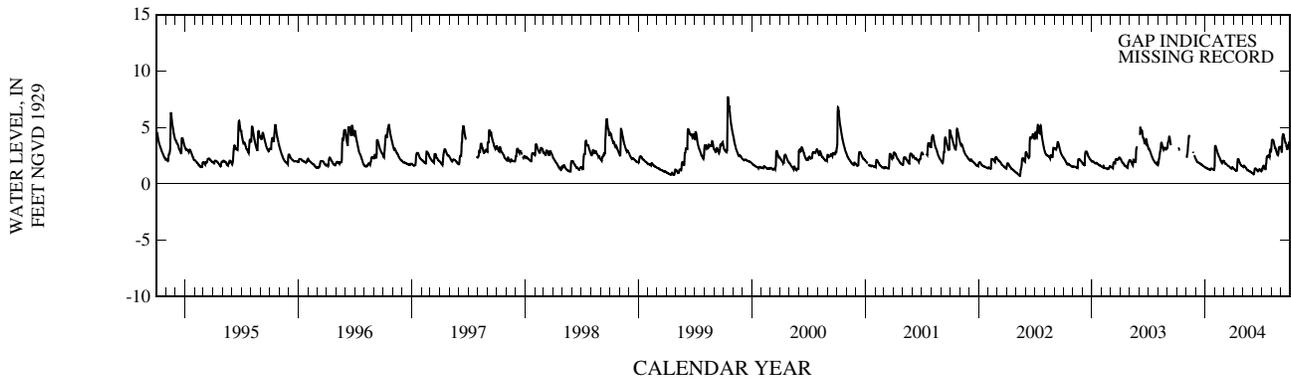
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey. In 1982, G-1225 was re-drilled in a location close to the original site. The current well has the same station identifiers as the original and all data are stored as one set of elevations.

PERIOD OF RECORD.--January 1962 to December 1981, (original well), June 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.75 ft NGVD, Oct. 15, 1999; lowest, 0.70 ft NGVD, Apr. 30 and May 1, 1971.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	2.97	2.01	1.39	3.18	1.81	1.26	1.62	0.89	1.59	3.89	4.10
10	2.96	4.25	1.87	1.33	2.68	1.71	1.15	1.46	1.37	1.47	3.45	4.24
15	---	---	1.78	1.26	2.36	1.59	2.21	1.22	1.24	1.81	3.05	3.62
20	---	---	1.70	1.36	2.05	1.48	1.94	1.14	1.12	2.38	2.63	3.12
25	---	---	1.59	1.29	1.88	1.35	1.66	1.08	1.26	2.43	3.24	3.20
EOM	2.39	2.27	1.47	1.65	2.03	1.37	1.56	0.96	1.16	3.03	3.23	3.76
MAX	---	---	2.23	1.65	3.36	2.02	2.21	1.62	1.37	3.09	3.90	4.40



BROWARD COUNTY—Continued

WELL NUMBER.--260039080083402. Local Number G 2948. USGS Observation Well near Hollywood, FL

LOCATION.--Lat 26°00'37", long 80°08'37", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.15, T.51 S., R.42 E., Hydrologic Unit 03090202, in the southwest section of Young Circle at the intersection of Hollywood Boulevard and U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 185 ft, cased to 145 ft, screened 145 to 185 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

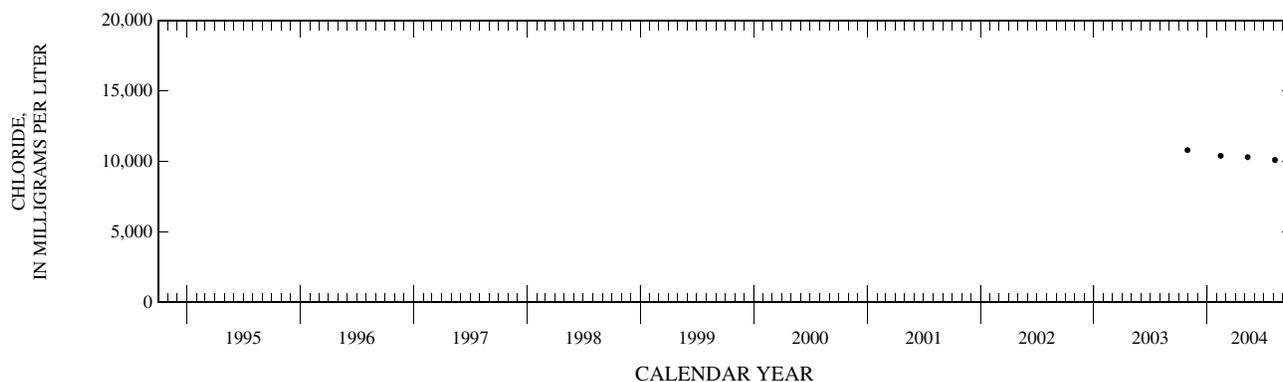
LAND-SURFACE DATUM.--Land surface is approximately 7 ft above NGVD from topographic map.

REMARKS.--Well also used for salinity sampling, including an annual induction log. Induction logs are used to assess the movement of the fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in the front of the book. Monthly water-level measurements began in October 2003. Water-level data are available in the files of the U.S. Geological Survey.

PERIOD OF RECORD.--October 2003 to October 2004. Discontinued.

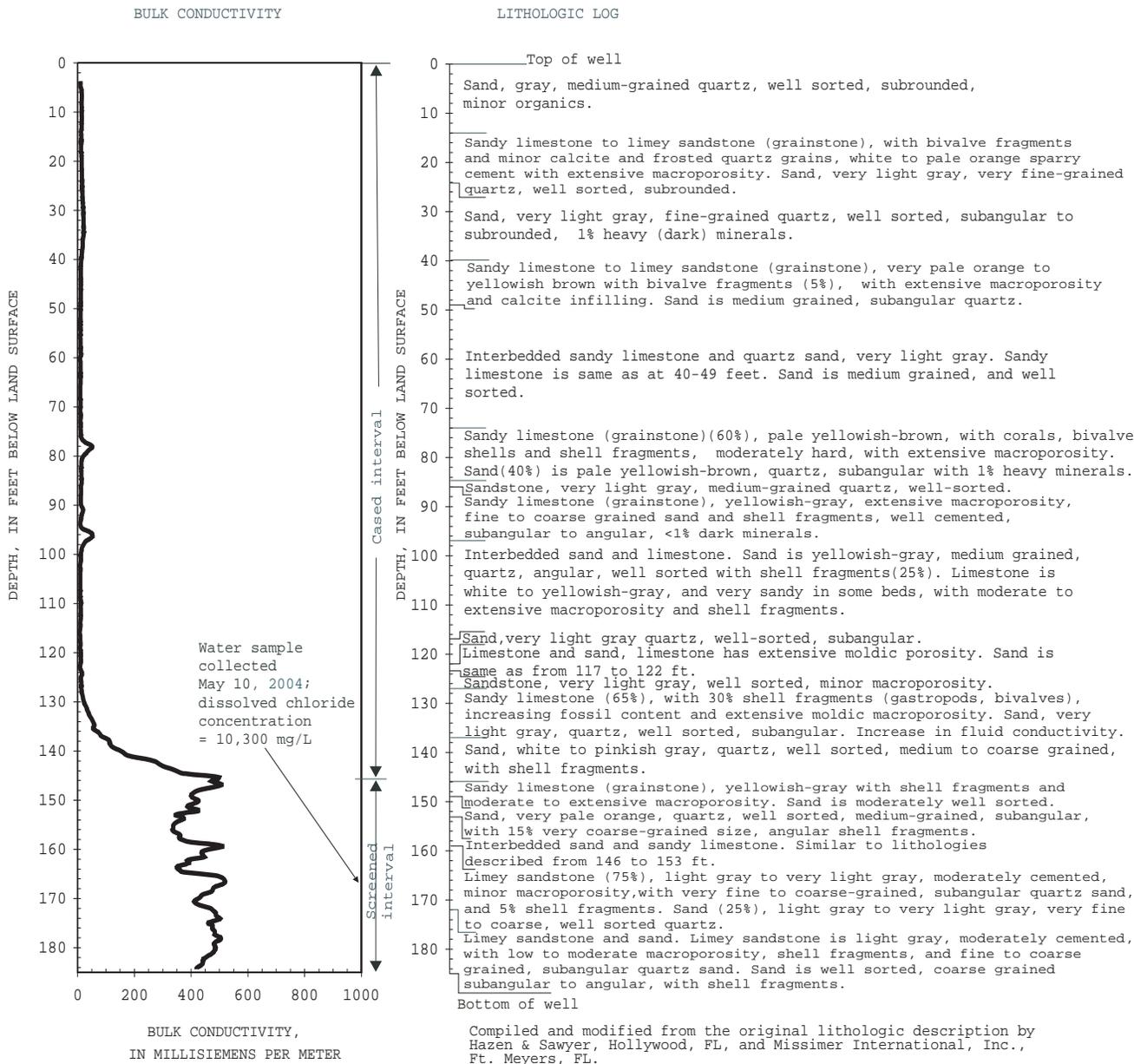
WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Date	Time	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)
OCT				MAY			
29...	1425	27,400	10,800	10...	1242	29,000	10,300
FEB				AUG			
13...	0938	29,500	10,400	06...	0935	28,800	10,100



WELL NUMBER.--260039080083402. Local Number G 2948. USGS Observation Well near Hollywood, FL-Continued

260039080083402 G-2948



EXPLANATION
 — Bulk conductivity, in millisiemens per meter, May 10, 2004

[Delimits the interval for which the well is open to the aquifer

Compiled and modified from the original lithologic description by Hazen & Sawyer, Hollywood, FL, and Missimer International, Inc., Ft. Meyers, FL.

BROWARD COUNTY—Continued

WELL NUMBER.--260040080104401. Local Number G 2035. USGS Observation Well in Hollywood, FL.

LOCATION.--Lat 26°00'40", long 80°10'44", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.17, T.51 S., R.42 E., Hydrologic Unit 03090202, at northeast corner of 35th Avenue and Hollywood Boulevard, 0.7 mi west of U.S. Interstate 95.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 4 in., depth 52 ft, cased to 50 ft.

REVISED RECORDS.--WDR FL-85-2B: 1976.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 16.02 ft above National Geodetic Vertical Datum of 1929. From July 1984 to April 2002, measuring point was 16.24 ft above NGVD. From October 1994 to September 1999, measuring point was incorrectly considered to be 16.26 ft above NGVD. From July 1984 to September 1994, measuring point may have incorrectly been considered to be 16.26 ft above NGVD. From July 16, 1981 to July 5, 1984, measuring point was 16.26 ft above NGVD. Prior to July 16, 1981, measuring point was 16.14 ft above NGVD. From October 1973 to September 1975, the measuring point was incorrectly reported to be 15.20 ft above NGVD. (Corrected). See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 13.2 ft above NGVD.

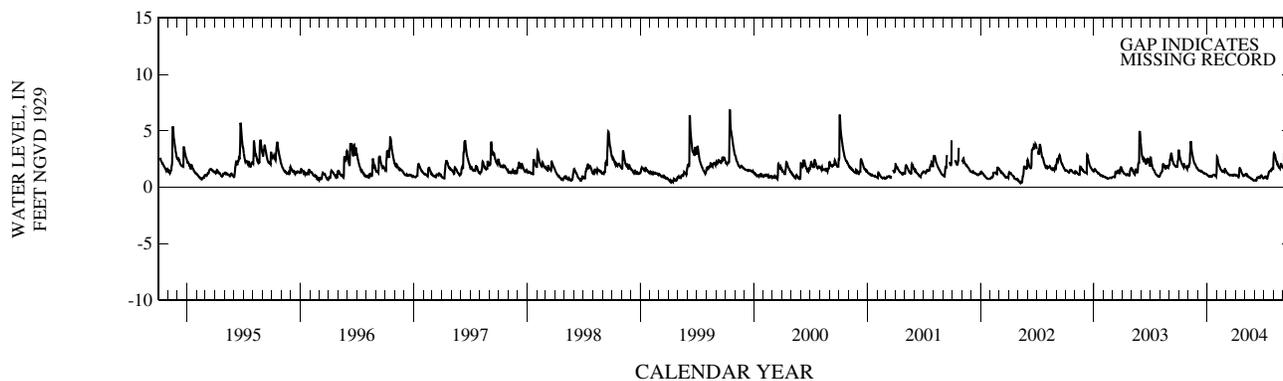
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey. Unpublished records of water levels for September 1999 are available in files of the U.S. Geological Survey. Records of water levels as elevation for the period July 1984 to September 1994 may be in error and may require a correction of -0.02 ft. Records of water levels as elevation for the period October 1994 to September 1999 are in error and require a correction of -0.02 ft. Water level records for these period have not been corrected. Station rebuilt April 10, 2002. See DATUM.

PERIOD OF RECORD.--February 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.88 ft NGVD, Oct. 15, 1999; lowest, 0.22 ft NGVD, Apr. 25, 1981.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.63	2.09	1.52	1.02	2.20	1.26	1.05	1.19	0.60	0.94	2.82	2.96
10	2.14	3.72	1.49	1.00	1.81	1.16	1.02	1.01	0.86	0.83	2.33	2.62
15	1.85	2.71	1.42	0.99	1.52	1.11	1.68	0.87	0.91	1.06	1.98	2.08
20	1.91	2.16	1.26	1.11	1.45	1.08	1.35	0.80	0.93	1.43	1.77	1.80
25	1.72	1.92	1.22	1.07	1.52	1.05	1.07	0.68	0.98	1.60	2.08	2.29
EOM	1.81	1.67	1.11	1.44	1.52	1.11	1.10	0.63	0.80	1.70	1.77	2.74
MAX	3.26	4.02	1.62	1.44	2.72	1.46	1.69	1.19	1.06	1.72	3.03	3.03



BROWARD COUNTY—Continued

WELL NUMBER.--260041080093101. Local Number G 2425. USGS Observation Well near Hollywood, FL.

LOCATION.--Lat 26°00'40", long 80°09'32", in SW 1/4 SW 1/4 NE 1/4 sec.16, T.51 S., R.42 E., Hydrologic Unit 03090202, 8 ft south of G-2426, in grassy area 60 ft east of parking space 10 in the northeast parking lot on City Hall Circle, at Hollywood Boulevard and South 26th Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 203 ft, cased to 198 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 12.88 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 13.2 ft above NGVD.

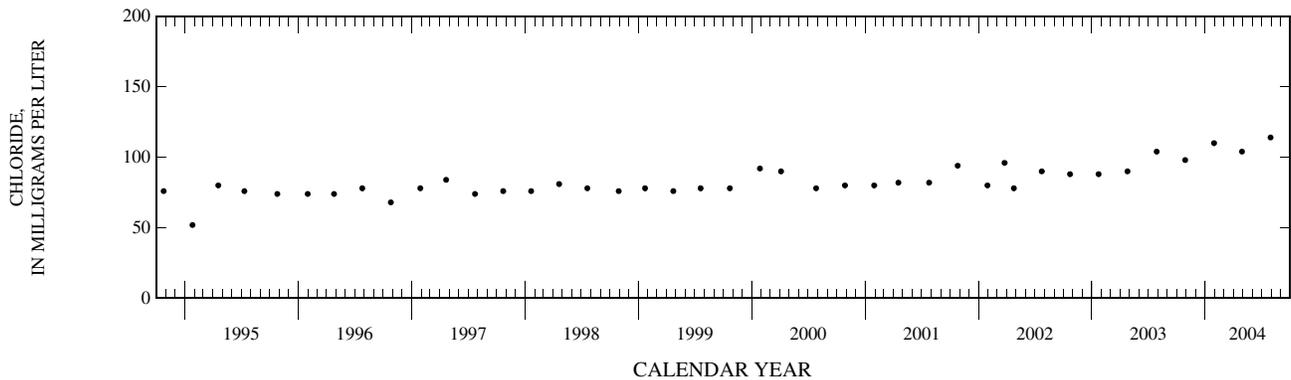
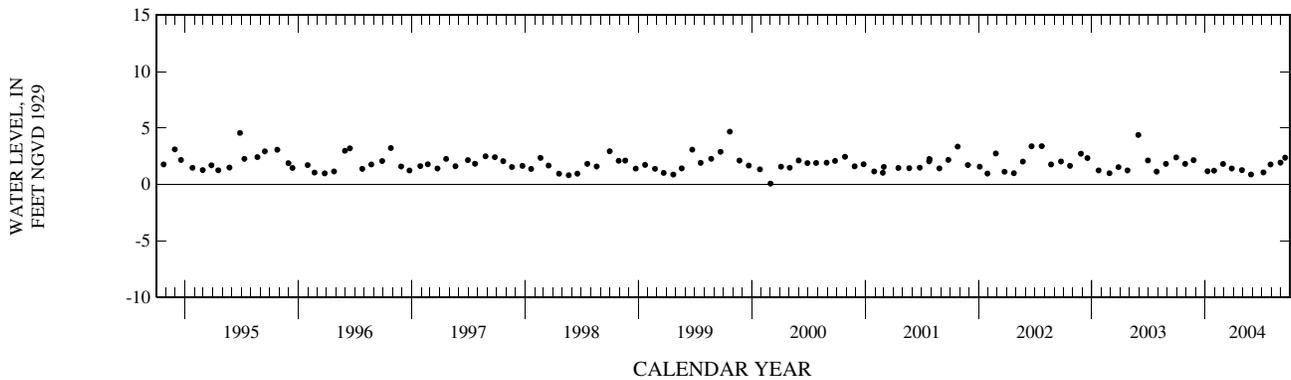
REMARKS.--Well also used for salinity monitoring. Salinity monitoring began in March 1986.

PERIOD OF RECORD.--January 1987 to December 1989 (intermittent), December 1989 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.68 ft NGVD, Oct. 22, 1999; lowest, 0.08 ft NGVD, Mar. 1, 2000.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)
OCT					APR				
28...	1241	1.83	711	98.0	28...	1256	1.28	719	104
NOV					MAY				
24...	1120	2.16	--	--	27...	1215	.89	--	--
JAN					JUL				
08...	1149	1.18	--	--	06...	0942	1.07	--	--
29...	1338	1.23	706	110	29...	1257	1.78	725	114
FEB					AUG				
27...	1141	1.82	--	--	30...	1043	1.94	--	--
MAR					SEP				
26...	1205	1.42	--	--	14...	1042	2.38	--	--



BROWARD COUNTY—Continued

WELL NUMBER.--260041080093102. Local Number G 2426. USGS Observation Well near Hollywood, FL.

LOCATION.--Lat 26°00'40", long 80°09'32", in SW 1/4 SW 1/4 NE 1/4 sec.16, T.51 S., R.42 E., Hydrologic Unit 03090202, 8 ft north of G-2425, 60 ft east of parking space 10 in the northeast parking lot on City Hall Circle, Hollywood Boulevard and South 26th Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 91 ft, cased to 86 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 12.78 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 12.8 ft above NGVD.

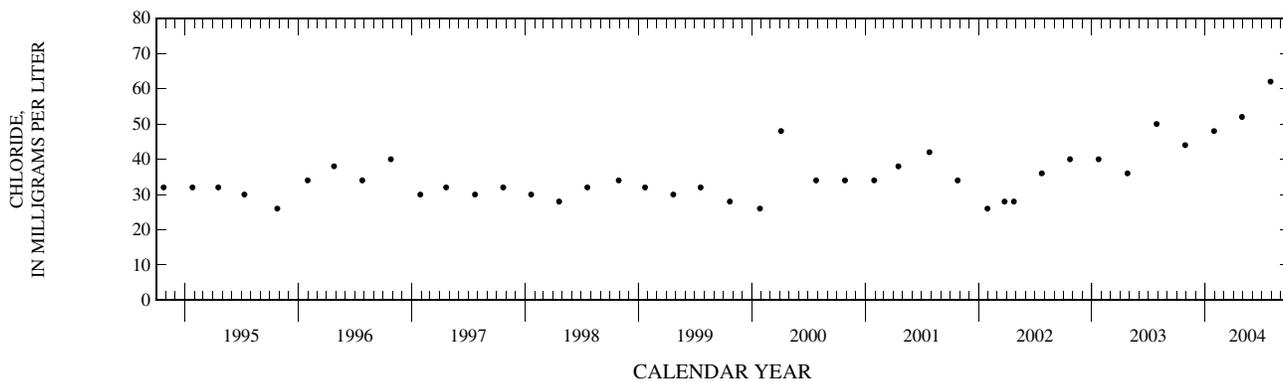
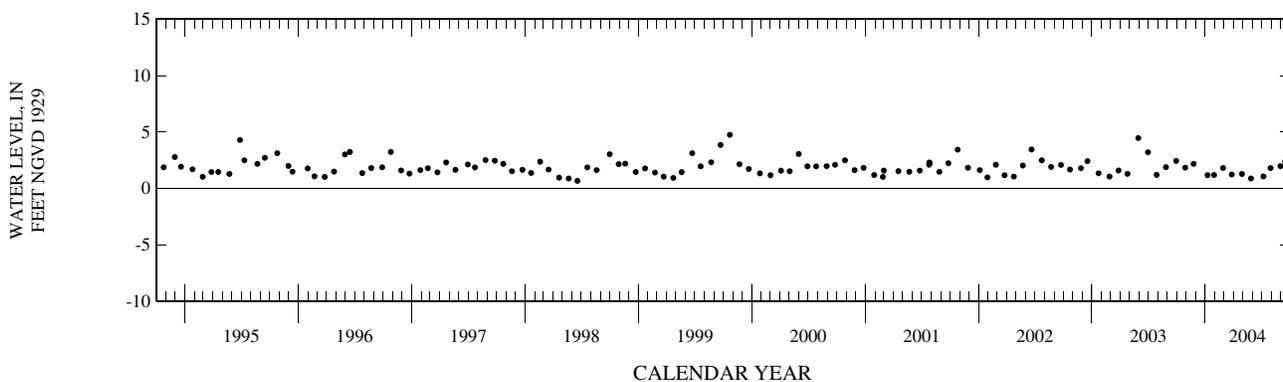
REMARKS.--Well is also used for salinity monitoring. Salinity monitoring began in October 1986.

PERIOD OF RECORD.--January 1987 to May 1993 (intermittent), October 1993 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.76 ft NGVD, Oct. 22, 1999; lowest, 0.65 ft NGVD, Apr. 4, 1988.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)
OCT					APR				
28...	1244	1.85	465	44.0	28...	1303	1.29	483	52.0
NOV					MAY				
24...	1125	2.19	--	--	27...	1218	.89	--	--
JAN					JUL				
08...	1154	1.18	--	--	06...	0937	1.07	--	--
29...	1335	1.20	472	48.0	29...	1259	1.81	498	62.0
FEB					AUG				
27...	1137	1.82	--	--	30...	1045	1.98	--	--
MAR					SEP				
26...	1157	1.24	--	--	14...	1046	2.38	--	--



BROWARD COUNTY—Continued

WELL NUMBER.--260053080105701. Local Number G 1226. USGS Observation Well in Hollywood, FL.

LOCATION.--Lat 26°00'53", long 80°10'57", in NW ¼ SW ¼ NW ¼ sec.17, T.51 S., R.42 E., Hydrologic Unit 03090202, in the center of the median of North Rainbow Drive, 1,500 ft southwest of Johnson Street in Hollywood, 0.3 mi north of Hollywood Boulevard, and 1.7 mi east of U.S. Highway 441. (Corrected).

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft, cased to 14 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 11.08 ft above National Geodetic Vertical Datum of 1929. From July 5, 1984 to April 10, 1998, measuring point was considered to be top of base, 9.26 ft above NGVD. From July 16, 1981 to July 5, 1984, top of base was 9.26 ft above NGVD. Prior to July 16, 1981, measuring point was top of casing, 9.17 ft above NGVD. (Corrected).

LAND-SURFACE DATUM.--Land surface is approximately 9.1 ft above NGVD.

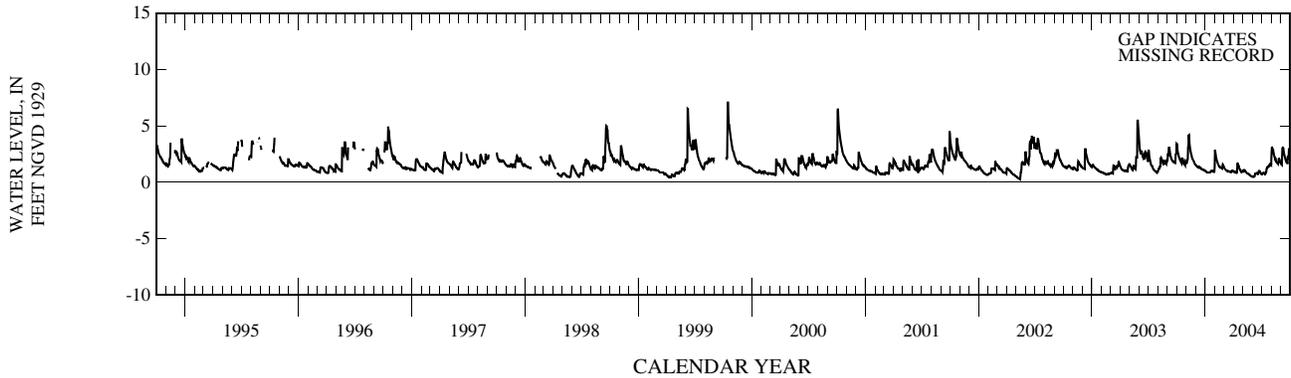
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--January 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.10 ft NGVD, Oct. 8, 1991; lowest, 0.28 ft NGVD, May 14, 2002.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.59	2.03	1.42	0.91	2.15	1.15	0.93	1.10	0.50	0.84	2.89	2.99
10	2.09	3.77	1.37	0.88	1.70	1.04	0.90	0.95	0.77	0.79	2.30	2.60
15	1.78	2.67	1.34	0.89	1.40	1.00	1.60	0.78	0.83	0.97	1.93	2.03
20	1.87	2.12	1.18	1.00	1.31	0.94	1.23	0.72	0.81	1.39	1.70	1.73
25	1.63	1.85	1.11	0.98	1.41	0.93	0.95	0.60	0.94	1.58	2.09	2.20
EOM	1.74	1.58	1.03	1.40	1.40	0.99	1.01	0.53	0.72	1.59	1.71	2.73
MAX	3.41	4.19	1.54	1.40	2.86	1.37	1.67	1.10	1.01	1.63	3.07	3.05



BROWARD COUNTY—Continued

WELL NUMBER.--260101080091501. Local Number G 2906. USGS Observation Well near Hollywood, FL.

LOCATION.--Lat 26°01'01", long 80°09'15", in NW 1/4 NE 1/4 NE 1/4 sec.16, T.51 S., R.42 E., Hydrologic Unit 03090202, in the parking lot of Lincoln Park, about 180 ft south of Lincoln Street, 0.3 mi west of North Dixie Highway.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 158 ft, cased to 148 ft.

INSTRUMENTATION.--Quarterly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 13.89 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 13.9 ft above NGVD.

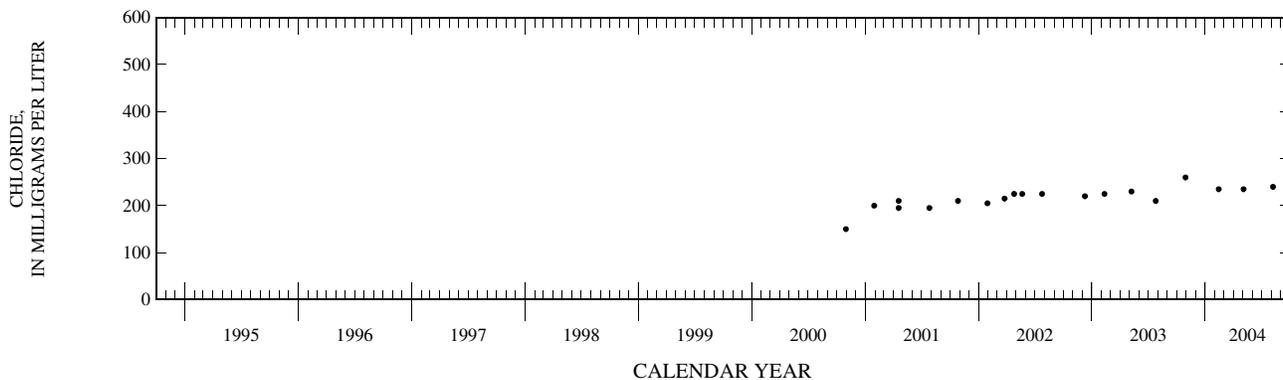
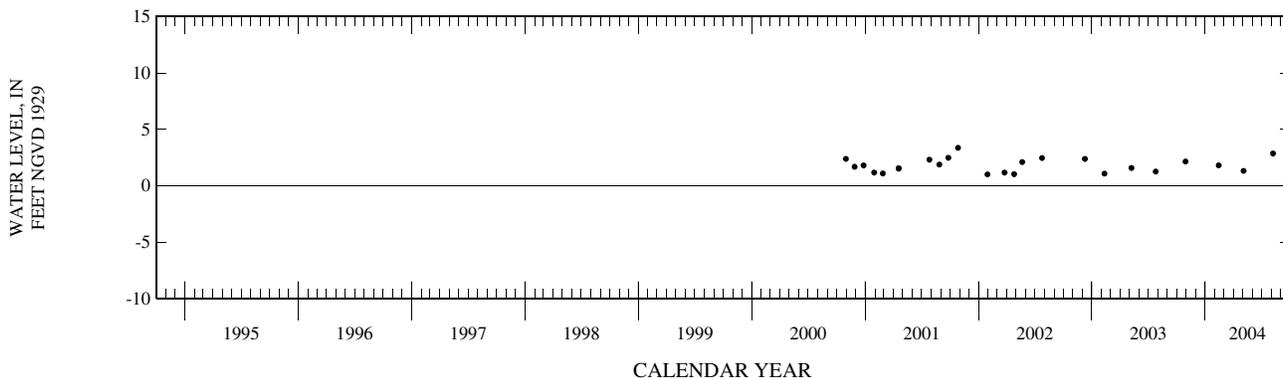
REMARKS.--Well is also used for salinity monitoring, including an annual induction log. Induction logs are used to assess the movement of the fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in the front of this book. A calibration error was found to have affected some of the historical bulk conductivity logs collected by an induction logger. Bulk conductivity logs prior to the 2002 water year had been calibrated to a standard of 1,301 mS/m. For these calibrations an internal setting limited the probe response to 1,000 mS/m. Data for the affected years was corrected by applying a 0.7686 multiplier. Induction logging began in April 2001.

PERIOD OF RECORD.--October 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.37 ft NGVD, Oct. 26, 2001; lowest, 1.02 ft NGVD, Jan. 29, 2002.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

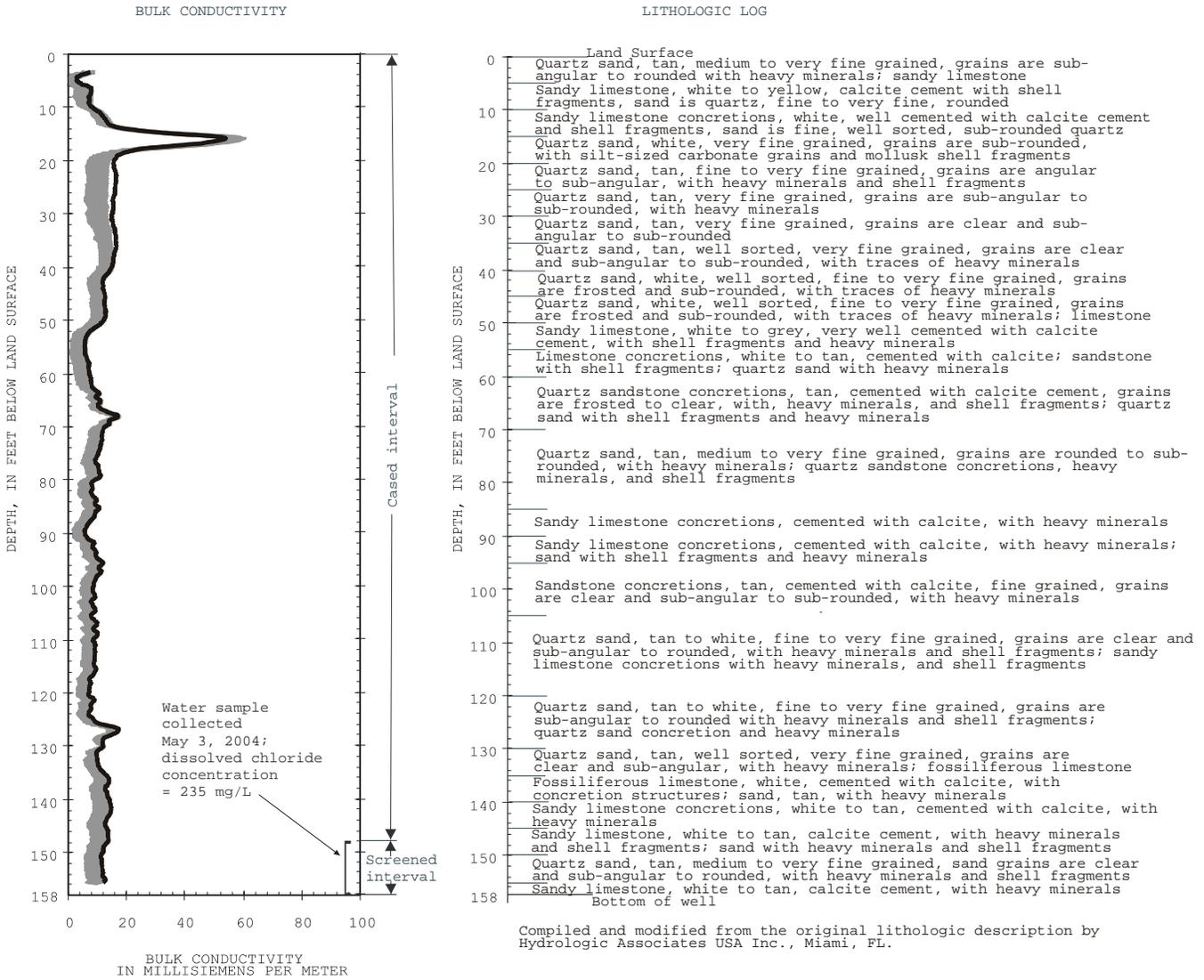
Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 29...	1245	2.16	1,080	260	MAY 03...	1445	1.33	1,160	235
FEB 13...	0831	1.82	1,130	235	AUG 06...	1016	2.87	1,110	240



BROWARD COUNTY—Continued

WELL NUMBER.--260101080091501. Local Number G 2906. USGS Observation Well near Hollywood, FL.—Continued

260101080091501 G-2906



- EXPLANATION**
- Bulk conductivity, in millisiemens per meter, May 3, 2004
 - Shaded area represents range in bulk conductivity from logs collected from April 18, 2001 to May 8, 2003
 - [Delimits the interval for which the well is open to the aquifer

BROWARD COUNTY—Continued

WELL NUMBER.--260120080093401. Local Number G 2441. USGS Observation Well near Hollywood, FL.

LOCATION.--Lat 26°01'19", long 80°09'35" in SE ¼ SE ¼ NW ¼ sec.9, T.51 S., R.42 E., Hydrologic Unit 03090202, 16.7 ft from the sidewalk of Arthur Street and 36 ft east of North 26th Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 181 ft, cased to 180 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 10.72 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 10.7 ft above NGVD.

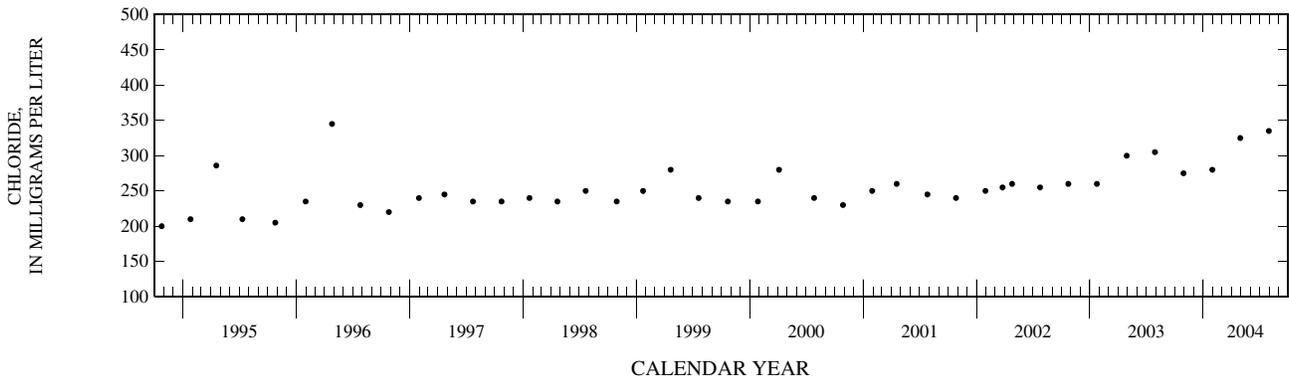
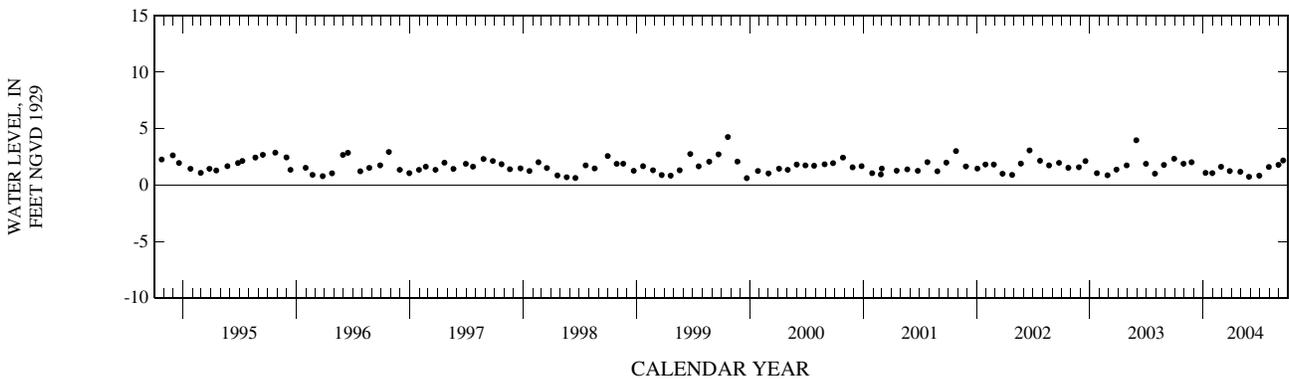
REMARKS.--Well is also used for salinity monitoring. Prior to October 1994 only chloride data was published. See PERIOD OF RECORD.

PERIOD OF RECORD.--September 1986 to July 1994 (intermittent), October 1994 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.25 ft NGVD, Oct. 22, 1999; lowest, 0.60 ft NGVD, Dec. 22, 1999.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltred, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltred, mg/L (00940)
OCT					MAY				
29...	1024	1.88	1,210	275	27...	1314	.72	--	--
NOV					JUN				
24...	1143	2.01	--	--	29...	1233	.82	--	--
JAN					JUL				
08...	1225	1.07	--	--	30...	0929	1.59	1,130	335
30...	0959	1.05	1,230	280	AUG				
FEB					30...	1105	1.78	--	--
27...	1217	1.61	--	--	SEP				
MAR					14...	1106	2.17	--	--
26...	1240	1.23	--	--					
APR									
29...	1028	1.17	1,270	325					



BROWARD COUNTY—Continued

WELL NUMBER.--260155080092002. Local Number G 2612. USGS Observation Well in Hollywood, FL.

LOCATION.--Lat 26°01'54", long 80°09'21" in SE ¼ SE ¼ NW ¼ sec.8, T.51 S., R.42 E., Hydrologic Unit 03090202, 6 ft from the southwest corner of Boggs Field Park, south of Sheridan Street, 30 ft from NW 24th Avenue, at a ninety degree turn to the west.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 273 ft, cased to 273 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 7.00 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 7.0 ft above NGVD.

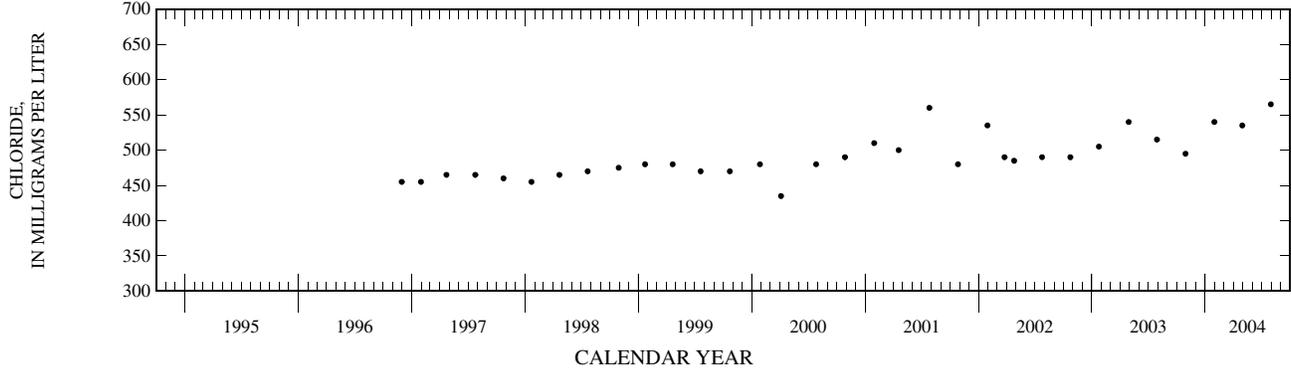
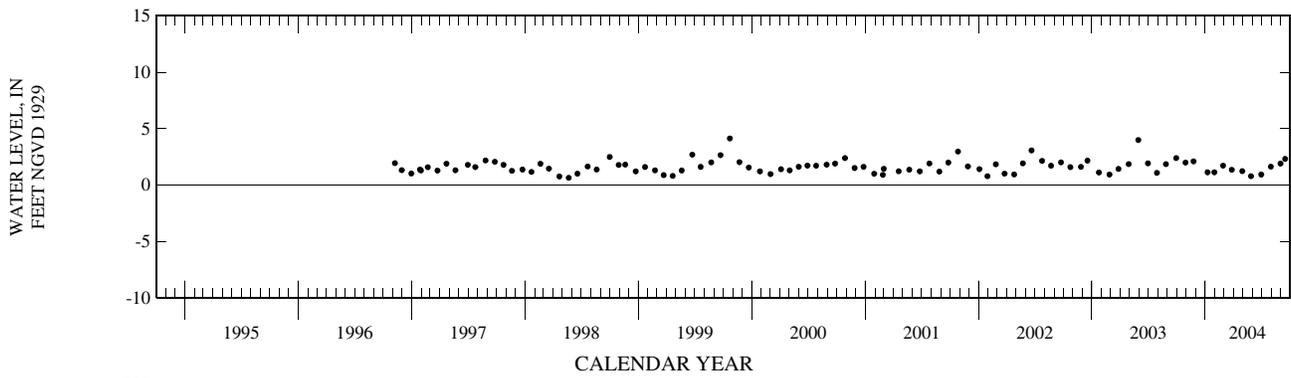
REMARKS.--Well is also used for salinity monitoring. No data for water year 1996. Because of an error on a site photograph, G-2612 was confused with another well. As a result, published records for the 1995 and 1996 water years are in error and have been removed.

PERIOD OF RECORD.--November 1996 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.14 ft NGVD, Oct. 22, 1999; lowest, 0.65 ft NGVD, May 21, 1998.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 29...	1112	2.00	1,950	495	MAY 27...	1328	.79	--	--
NOV 24...	1157	2.11	--	--	JUN 29...	1244	.94	--	--
JAN 08...	1257	1.14	--	--	JUL 30...	1005	1.64	1,960	565
JAN 30...	1039	1.14	1,940	540	AUG 30...	1115	1.91	--	--
FEB 27...	1231	1.73	--	--	SEP 14...	1112	2.33	--	--
MAR 26...	1305	1.36	--	--					
APR 29...	1000	1.24	1,970	535					



BROWARD COUNTY—Continued

WELL NUMBER.--260219080141101. Local Number G 1223. USGS Observation Well in Hollywood, FL.

LOCATION.--Lat 26°02'19", long 80°14'11", in SW 1/4 SE 1/4 NE 1/4 sec.3, T.51 S., R.41 E., Hydrologic Unit 03090202, north of NW 33rd Street on Davie Road Extension, and 0.5 mi south of Stirling Road. (Corrected).

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft, cased to 12 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 8.43 ft above National Geodetic Vertical Datum of 1929. From October 1980 to April 2001, measuring point was 8.33 ft above NGVD. Prior to October 1980, measuring point was incorrectly considered to be 7.98 ft above NGVD. (Corrected). See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 6.3 ft above NGVD. (Corrected).

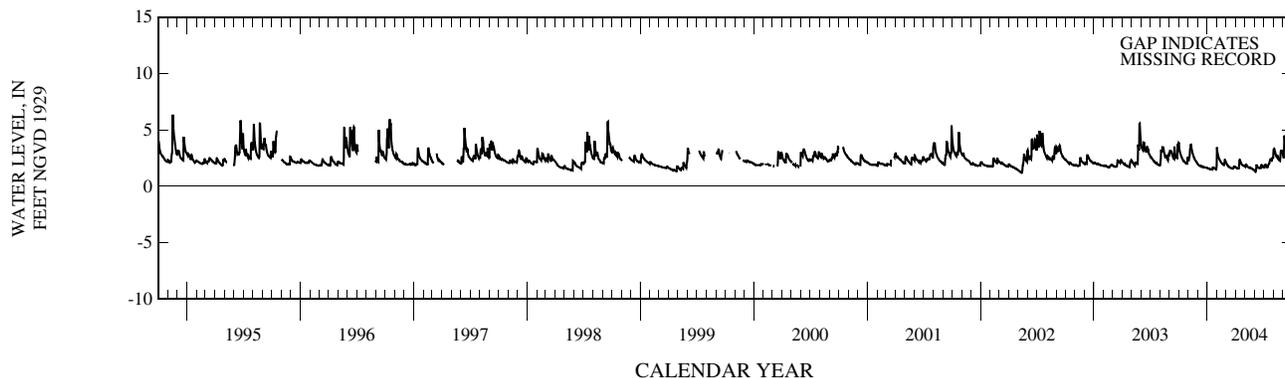
REMARKS.--Revised measuring point elevation April 2001, is the result of reconstruction at this station. The figures of water level as elevation, in feet NGVD, prior to October 1, 1980, are in error. Corrected records are in files of the U.S. Geological Survey. Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey. See DATUM.

PERIOD OF RECORD.--December 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.45 ft NGVD, Oct. 8, 1991; lowest, 1.18 ft NGVD, Nov. 11, 1968.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.00	2.82	1.86	1.57	2.67	1.89	1.62	1.94	1.34	1.88	3.06	4.51
10	2.62	3.54	1.81	1.52	2.33	1.74	1.57	1.74	1.76	1.79	2.66	3.50
15	2.30	2.91	1.78	1.50	2.10	1.65	2.34	1.63	1.66	1.87	2.48	2.96
20	2.14	2.48	1.70	1.68	1.95	1.59	1.99	1.61	1.62	2.24	2.30	2.53
25	2.01	2.23	1.68	1.57	2.11	1.65	1.85	1.54	1.86	2.27	3.14	2.69
EOM	2.43	2.02	1.63	1.87	2.20	1.71	1.78	1.43	1.67	2.52	2.81	3.36
MAX	3.84	3.69	1.99	1.87	3.46	2.14	2.36	1.94	1.92	2.52	3.34	4.51



BROWARD COUNTY—Continued

WELL NUMBER.--260241080112701 Local Number G 2785. USGS Observation Well near Dania, FL.

LOCATION.--Lat 26°02'41", long 80°11'27", in NW ¼ NW ¼ NE ¼ sec.6, T.51 S., R.42 E., Hydrologic Unit 03090202, 33 ft east of BellSouth structure, on the west side of North 46th Avenue and 200 ft south of Stirling Road. (Corrected).

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 197 ft, cased to 192 ft, screened 192 to 197 ft.

INSTRUMENTATION.--Quarterly measurement with chalked tape. See REMARKS.

DATUM.--Measuring point: Top of casing, 6.63 ft above National Geodetic Vertical Datum of 1929. Between March 2, 2001 and June 5, 2002, measuring point was top of base, 10.34 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 6.6 ft above NGVD.

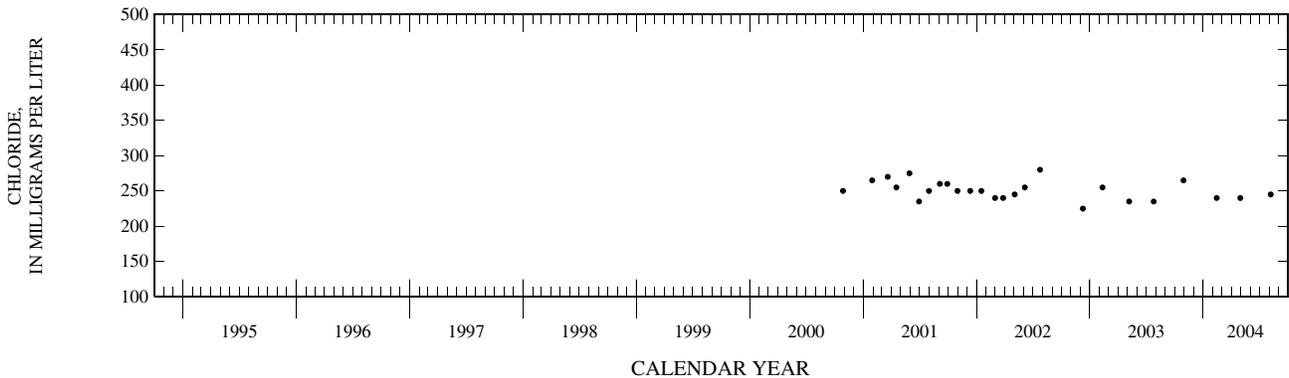
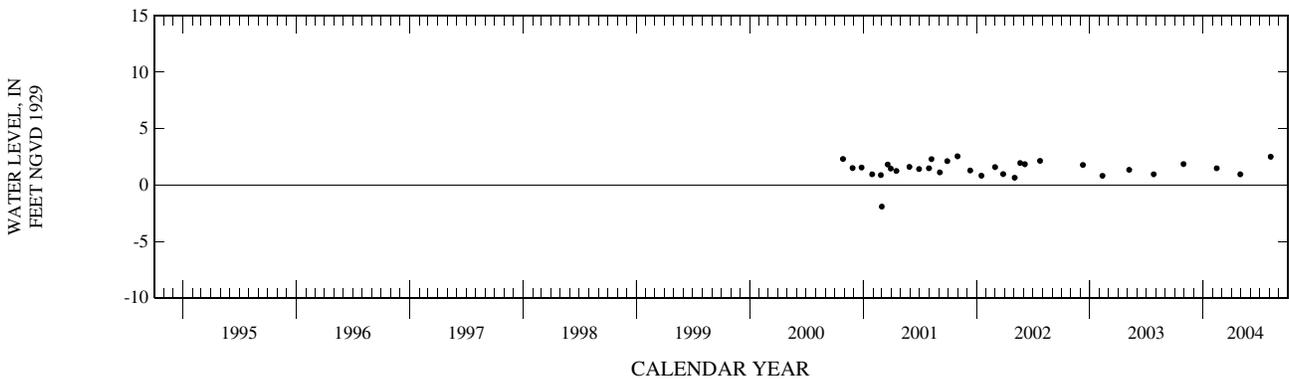
REMARKS.--Well is also used for salinity sampling, including an annual induction log. Induction logs are used to assess the movement of the fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in the front of the book. A calibration error was found to have affected some of the historical bulk conductivity logs collected by an induction logger. Bulk conductivity logs prior to the 2002 water year had been calibrated to a standard of 1,301 mS/m. For these calibrations an internal setting limited the probe response to 1,000 mS/m. Data for the affected years was corrected by applying a 0.7686 multiplier. Quarterly water-level measurements began in October, 2000. Between March 2, 2001 and June 5, 2002 the station was temporarily reconstructed for continuous water-level and conductivity data collection. These data are available in the files of the U.S. Geological Survey.

PERIOD OF RECORD.--April 2000 to September 2000 (Intermittent), October 2000 to February 2001 (monthly), March 2001 to June 2002 (daily), June 2002 to current year. See REMARKS.

EXTREMES FOR THE PERIOD OF RECORD.--Highest daily maximum water level, 3.97 ft NGVD, Sept. 29, 2001; lowest water level measured, 1.92 ft below NGVD, Mar. 1, 2001.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

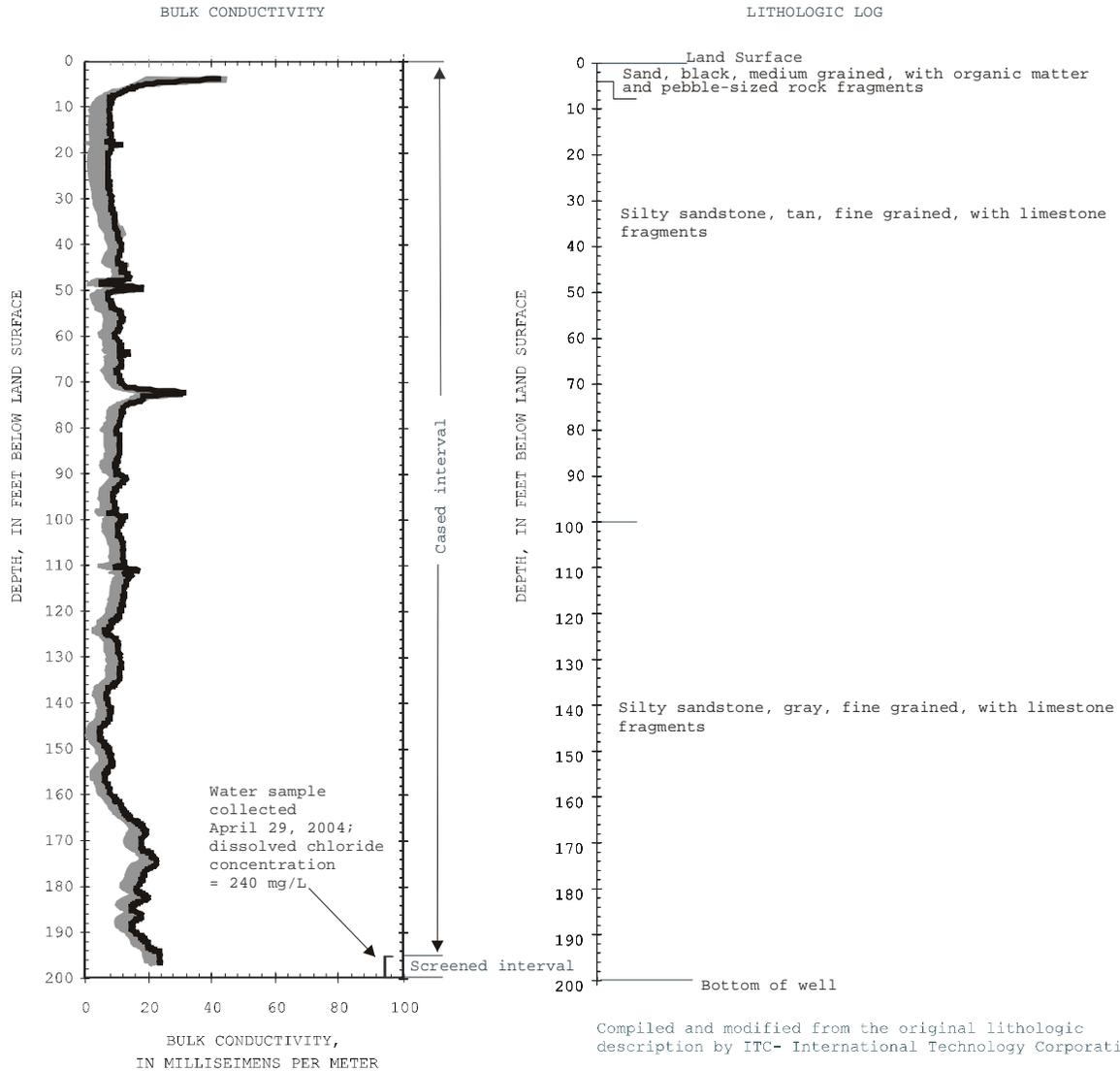
Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat un f uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat un f uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)
OCT 29...	1132	1.85	1,280	265	APR 29...	1408	.94	1,340	240
FEB 13...	1011	1.48	1,310	240	AUG 05...	1327	2.50	1,310	245



BROWARD COUNTY—Continued

WELL NUMBER.--260241080112701 Local Number G 2785. USGS Observation Well near Dania, FL.-Continued

260241080112701 G-2785



EXPLANATION

- Bulk conductivity, in millisiemens per meter, April 29, 2004
- Shaded area represents range in bulk conductivity from logs collected from April 17, 2000 to May 7, 2003
- [Delimits the interval for which the well is open to the aquifer

BROWARD COUNTY—Continued

WELL NUMBER.--260325080113901. Local Number G 2900. USGS Observation Well near Fort Lauderdale, FL.

LOCATION.--Lat 26°03'25", long 80°11'39", in SE 1/4 NW 1/4 sec.31, T.50 S., R.42 E., Hydrologic Unit 03090202, 29 ft south of a storm drain on the east side of SW 35th Terrace, 0.45 mi south of Griffin Road.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 114.5 ft, cased to 104.5 ft, screened 104.5 to 114.5 ft.

INSTRUMENTATION.--Satellite data collection platform with pressure transducer and conductivity probe.

DATUM.--Measuring point: Top of base, 9.44 ft above National Geodetic Vertical Datum of 1929. Prior to February 15, 2001, measuring point was top of casing 5.98 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 6.0 ft above NGVD.

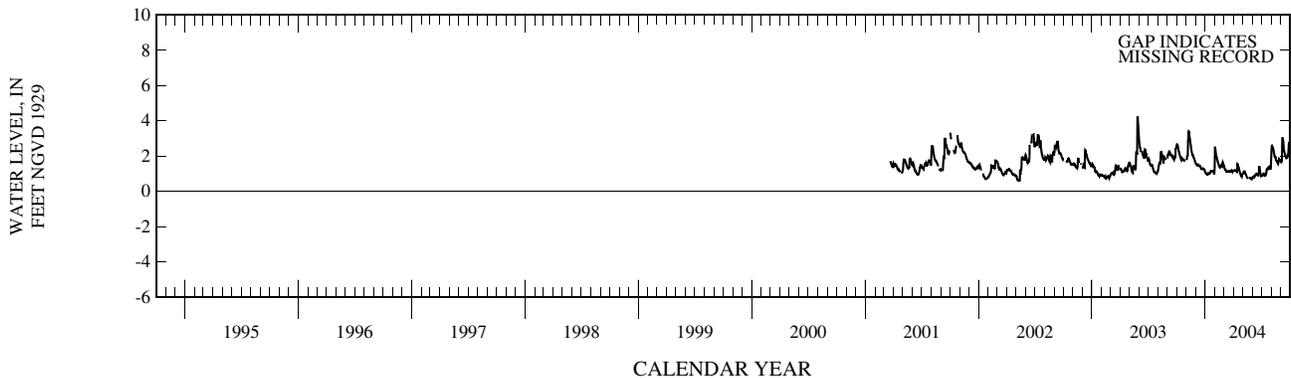
REMARKS.--Well is also used for salinity monitoring, including an annual induction log. Induction logs are used to assess the movement of fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in the front of this book. A calibration error was found to have affected some of the historical bulk conductivity logs collected by an induction logger. Bulk conductivity logs prior to the 2002 water year had been calibrated to a standard of 1,301 mS/m. For these calibrations an internal setting limited the probe response to 1,000 mS/m. Data for the affected years was corrected by applying a 0.7686 multiplier. Station was reconstructed in February 2001, for the collection of continuous water-level, temperature and specific conductance data. Specific conductance record is rated satisfactory for the year. Temperature records are available in the files of the U.S. Geological Survey.

PERIOD OF RECORD.--Water Level Measurements: October 2000 to March 2001 (monthly), March 2001 to current year. Induction Logging: April 2000 to current year (annually). Specific Conductance: March 2001 to current year. Chloride concentration: October 2000 to current year (monthly). (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.20 ft NGVD, May 27, 28, 2003; lowest, 0.62 ft NGVD, May 8, 10, 11, 2002. Highest daily mean specific conductance, 10,570 microsiemens, Sept. 5, 2004; lowest, 7,718 microsiemens, Oct. 27, 2001.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.51	2.02	1.51	0.98	2.03	1.23	1.21	1.13	0.85	1.00	2.44	3.02
10	2.09	3.19	1.52	0.98	1.65	1.16	1.15	0.98	0.94	0.92	2.05	2.37
15	1.81	2.59	1.44	1.03	1.41	1.13	1.44	0.77	0.99	1.03	1.82	2.03
20	1.82	2.10	1.27	1.15	1.47	1.14	1.16	---	0.94	1.32	1.64	1.91
25	1.75	1.89	1.30	1.15	1.58	1.15	0.89	0.76	1.15	1.31	1.84	2.38
EOM	---	1.63	1.13	1.36	1.48	1.16	0.99	0.72	0.81	1.88	1.71	2.64
MAX	---	3.41	---	1.36	2.53	1.45	1.56	---	1.42	---	2.60	3.02

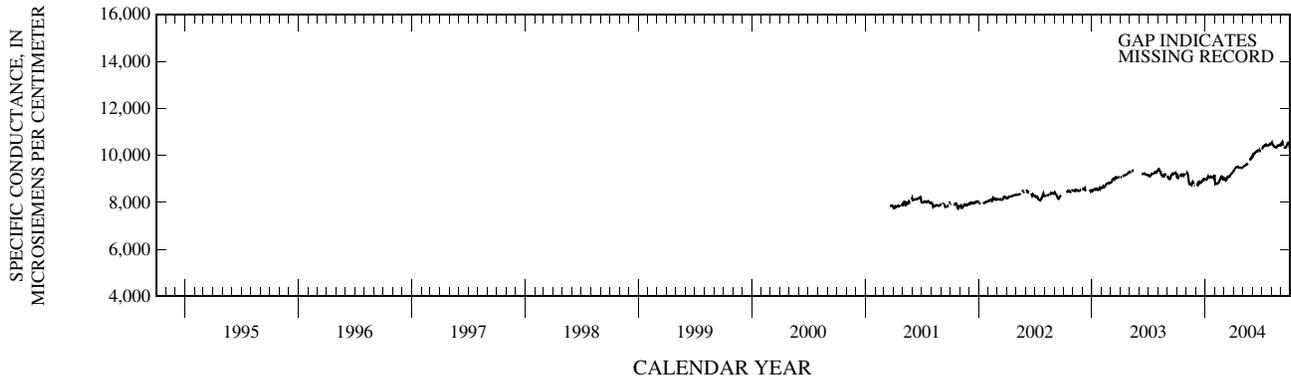


SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9,089	9,211	8,739	8,967	8,795	8,986	9,421	9,545	10,040	10,370	10,460	10,570
10	9,113	8,793	8,856	9,051	8,819	9,041	9,516	9,583	10,120	10,400	10,360	10,360
15	9,182	8,747	8,840	9,085	8,916	9,090	9,494	9,630	10,170	10,460	10,340	10,320
20	9,152	8,853	8,864	9,059	9,074	9,118	9,473	---	10,160	10,410	10,400	10,470
25	9,183	---	8,946	9,093	9,086	9,222	9,470	9,850	10,170	10,450	10,440	10,540
EOM	---	---	8,966	9,166	9,040	9,309	9,484	9,924	10,200	10,510	10,440	10,330
MAX	-	-	-	9,166	9,086	9,309	-	-	-	-	10,530	-

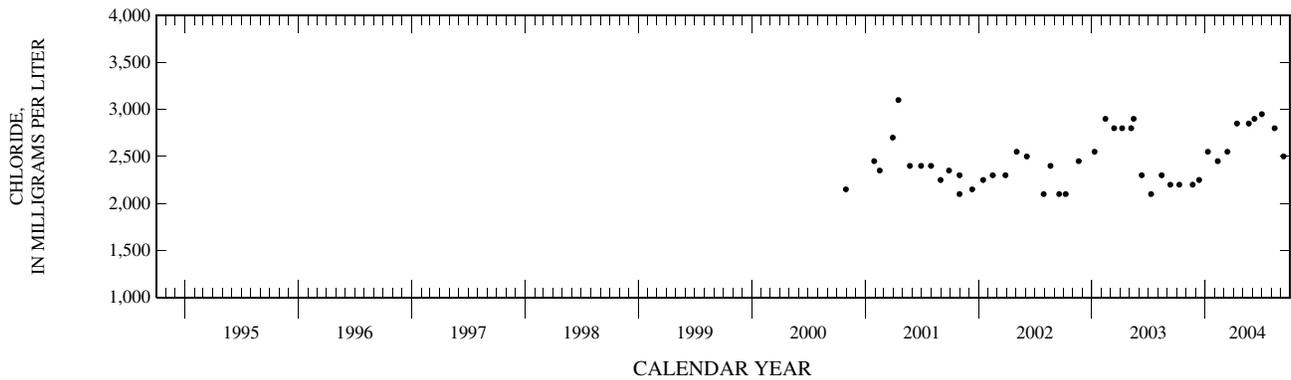
BROWARD COUNTY—Continued

WELL NUMBER.--260325080113901. Local Number G 2900. USGS Observation Well near Fort Lauderdale, FL-Continued



WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT	09...	7,020	2,200	APR	12...	8,990	2,850
NOV	21...	6,790	2,200	MAY	20...	9,190	2,850
DEC	12...	7,060	2,250	JUN	07...	9,520	2,900
JAN	09...	7,860	2,550	JUL	01...	9,330	2,950
FEB	10...	7,880	2,450	AUG	11...	8,560	2,800
MAR	12...	8,230	2,550	SEP	09...	8,060	2,500



BROWARD COUNTY—Continued

WELL NUMBER.--260326080120301. Local Number G 2921. USGS Observation Well near Davie, FL.

LOCATION.--Lat 26°03'26", long 80°12'03", in NW ¼ SE ¼ NE ¼ sec. 36, T.50 S., R.41 E., Hydrologic Unit 03090202, at the northwest corner of the intersection of SW 40th Avenue and 52nd Street, 0.40 mi south of Griffin Road.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 207 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape. Annual profile by induction logger.

DATUM.--Measuring point: Top of casing, 4.01 ft above National Geodetic Vertical Datum of 1929. Prior to January 23, 2004, measuring point was estimated to be 5.0 ft from a topographic map. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 4.0 ft above NGVD.

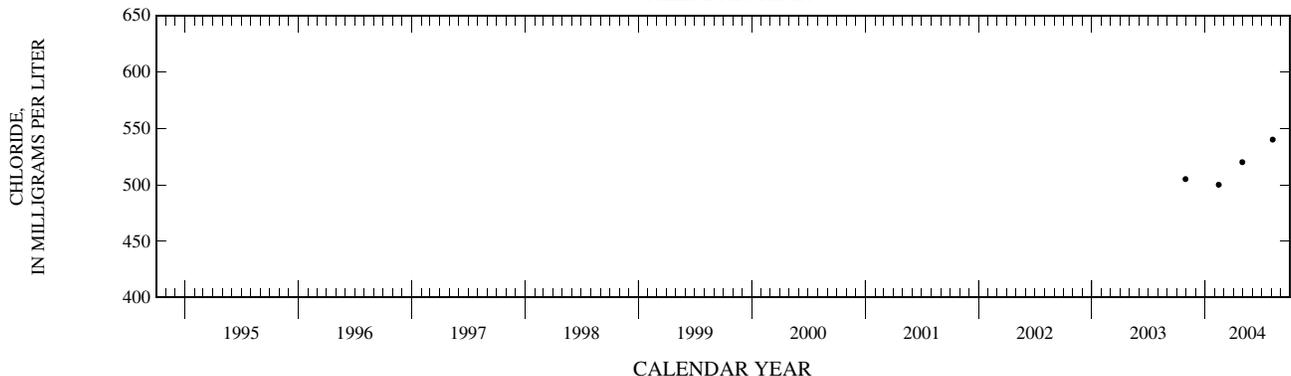
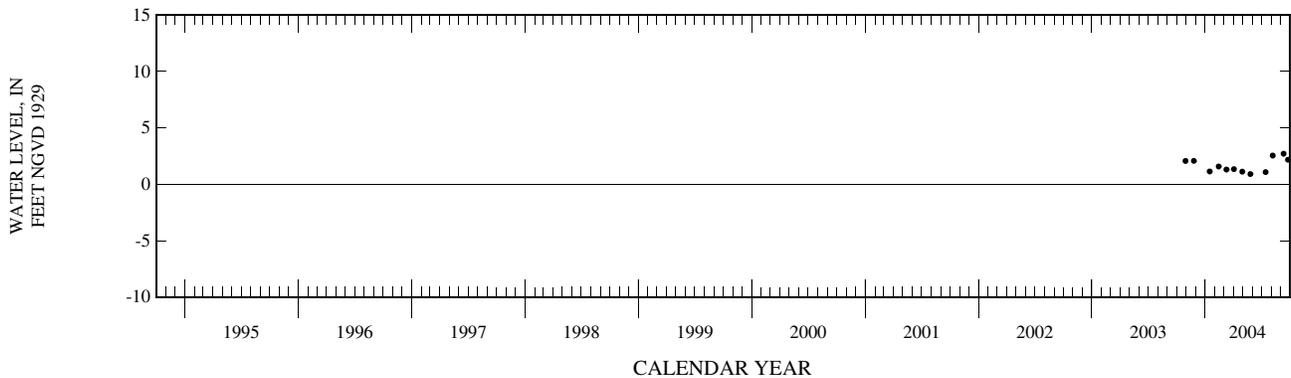
REMARKS.--Well is also used for salinity monitoring, including an annual induction log. Induction logs are used to assess the movement of the fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in the front of this book. A calibration error was found to have affected some of the historical bulk conductivity logs collected by an induction logger. Bulk conductivity logs prior to the 2002 water year had been calibrated to a standard of 1,301 mS/m. For these calibrations an internal setting limited the probe response to 1,000 mS/m. Data for the affected years was corrected by applying a 0.7686 multiplier. The estimated measuring point published prior to January 23, 2004, was not used to compute water-level elevations. All water-level elevation data collected prior to January 23, 2004, were computed using the 4.01 ft measuring point. Water level and chloride concentration monitoring began in October 2003.

PERIOD OF RECORD.--August 2000 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.70 ft NGVD, Sept. 9, 2004; lowest, 0.90 ft NGVD, May 25, 2004.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

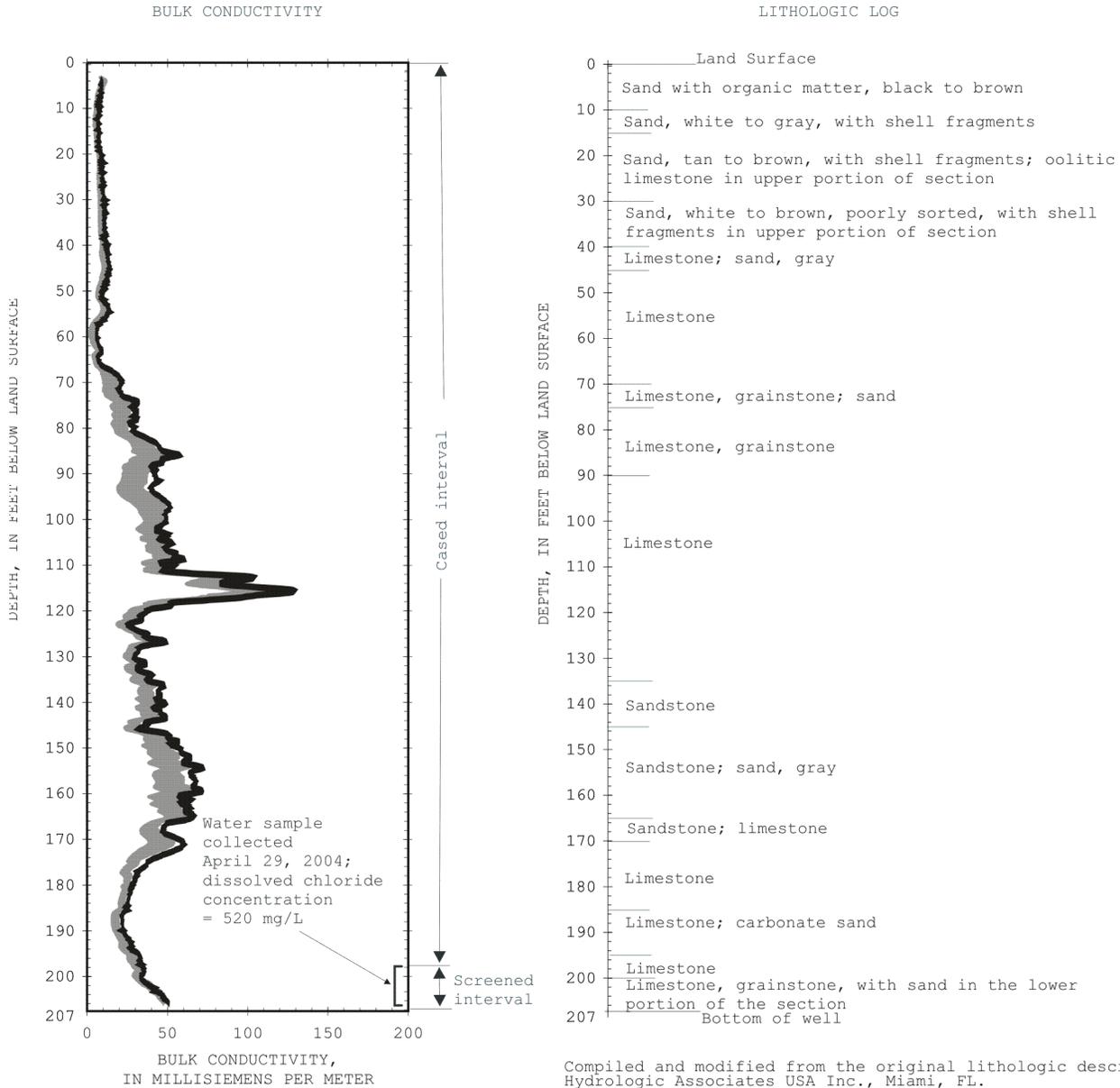
Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 29...	1105	2.06	1,950	505	APR 02...	1015	1.34	--	--
NOV 25...	1205	2.07	--	--	APR 29...	1259	1.11	2,120	520
JAN 15...	0849	1.13	--	--	MAY 25...	1112	.90	--	--
FEB 13...	1040	1.57	2,070	500	JUL 13...	1305	1.07	--	--
MAR 09...	0932	1.30	--	--	AUG 05...	1249	2.54	2,150	540
					SEP 09...	1204	2.70	--	--
					SEP 23...	1158	2.17	--	--



BROWARD COUNTY—Continued

WELL NUMBER.--260326080120301. Local Number G 2921. USGS Observation Well near Davie, FL.-Continued

260326080120301 G-2921



Compiled and modified from the original lithologic description by Hydrologic Associates USA Inc., Miami, FL.

EXPLANATION

- Bulk conductivity, in millisiemens per meter, April 29, 2004
- Shaded area represents range in bulk conductivity logs collected From August 29, 2000 to May 9, 2003
- [Delimits the interval for which the well is open to the aquifer

BROWARD COUNTY

WELL NUMBER.--260342080115902. Local Number G 2264. USGS Observation Well near Fort Lauderdale, FL.

LOCATION.--Lat 26°03'42", long 80°11'59", in NW ¼ NW ¼ NW ¼ sec. 31, T.50 S., R.42 E., Hydrologic Unit 03090202, 34 ft east of center of SW 40th Avenue and south of Griffin Road.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 203 ft, cased to 196 ft. Open hole 196 to 203 ft.

INSTRUMENTATION.--Quarterly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 4.70 ft above National Geodetic Vertical Datum of 1929. Prior to December 2000, the measuring point was considered to be 3.88 ft above NGVD. SEE REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 4.7 ft above NGVD.

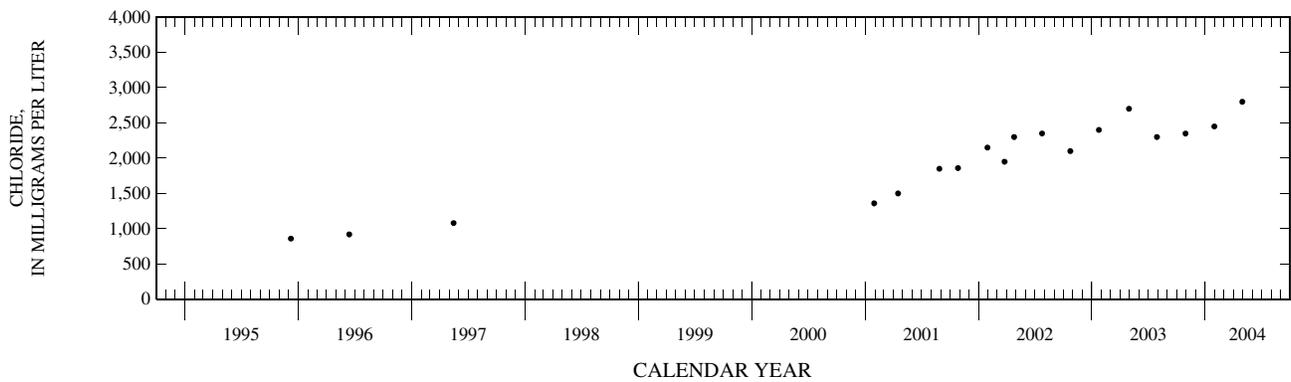
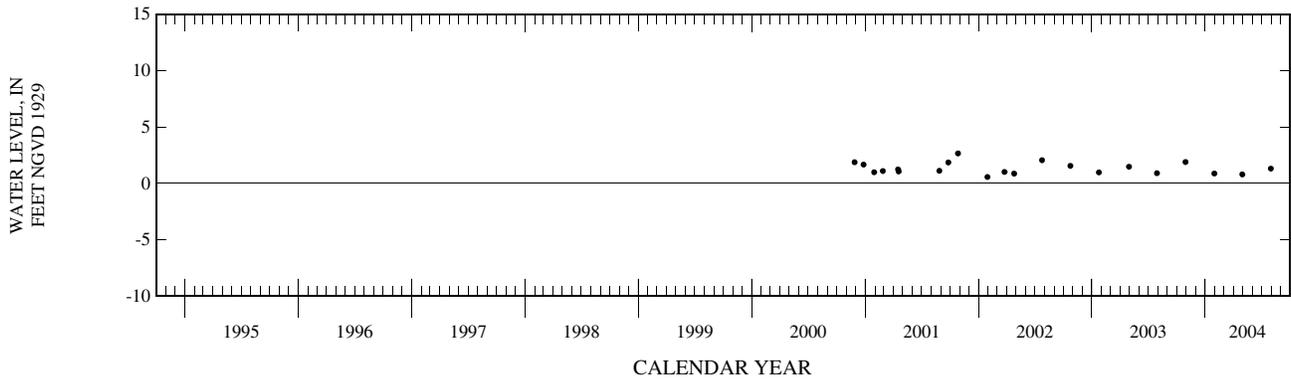
REMARKS.--Well is also used for salinity monitoring. Quarterly water level measurements began in November 2000. Prior to that, well was only monitored for salinity. In December 2000, construction activities altered the land-surface datum and the casing was reconstructed.

PERIOD OF RECORD.--July 1976 to April 2000 (intermittent), October 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.66 ft NGVD, Oct. 26, 2001; lowest, 0.57 ft NGVD, Jan. 29, 2002.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)
OCT 29...	1305	1.90	7,150	2,350	APR 29...	1254	.80	7,630	2,800
JAN 30...	1315	.88	7,400	2,450	JUL 30...	1230	1.31	7,930	--



BROWARD COUNTY—Continued

WELL NUMBER.--260458080134801. Local Number G 1221. USGS Observation Well in Davie, FL.

LOCATION.--Lat 26°05'08", long 80°13'47", in NE 1/4 SW 1/4 NW 1/4 sec.23, T.50 S., R.41 E., Hydrologic Unit 03090202, at southwest corner of Nova Drive and Davie Road Extension, 0.75 mi south of State Road 84, and 1.6 mi west of the Florida Turnpike. (Corrected).

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft, cased to 12 ft.

INSTRUMENTATION.--Satellite data collection platform.

DATUM.--Measuring point: Top of base, 9.58 ft above National Geodetic Vertical Datum of 1929. From October 1982 to November 1983, measuring point was top of shelf, 9.10 ft above NGVD. Prior to March 1979, measuring point was top of casing, 9.53 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 6.1 ft above NGVD.

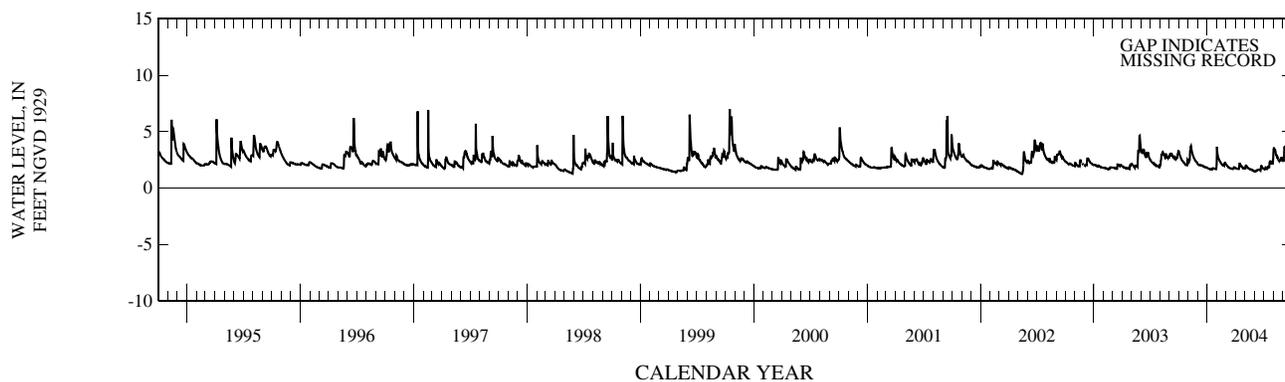
REMARKS.--Records of water levels prior to October, 1973 are available in files of the U.S. Geological Survey. Station was damaged in March 1979 and November 1983.

PERIOD OF RECORD.--December 1962 to March 1979, October 1982 to November 1983, March 1984 to current year. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.02 ft NGVD, June 22, 1992; lowest, 0.67 ft NGVD, Apr. 30, 1971.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.89	2.50	2.07	1.73	2.70	1.96	1.73	2.00	1.52	1.71	3.36	3.63
10	2.53	3.58	2.03	1.69	2.40	1.83	1.70	1.79	1.61	1.75	2.95	3.46
15	2.33	2.98	2.01	1.67	2.16	1.76	2.18	1.69	1.64	1.91	2.64	2.85
20	2.17	2.63	1.92	1.76	2.02	1.71	1.92	1.67	1.56	2.35	2.38	2.60
25	2.05	2.37	1.86	1.70	2.17	1.72	1.76	1.58	1.91	2.19	2.68	2.99
EOM	2.41	2.19	1.80	2.15	2.18	1.81	1.76	1.49	1.72	2.63	2.64	3.43
MAX	3.25	3.72	2.15	2.15	3.67	2.12	2.18	2.00	1.96	2.63	3.55	3.66



BROWARD COUNTY—Continued

WELL NUMBER.--260515080202101. Local Number G 617. USGS Observation Well in Davie, FL.

LOCATION.--Lat 26°05'15", long 80°20'21", in SE 1/4 SE 1/4 SW 1/4 sec.15, T.50 S., R.40 E., Hydrologic Unit 03090202, on SW 26th Street, west of SW 142nd Avenue, 1.8 mi north of South New River Canal, 6.5 mi west of Davie and 14.2 mi west of Fort Lauderdale. (Corrected).

AQUIFER.--Biscayne aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 29 ft, cased to 28 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 9.59 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 6.6 ft above NGVD. (Corrected).

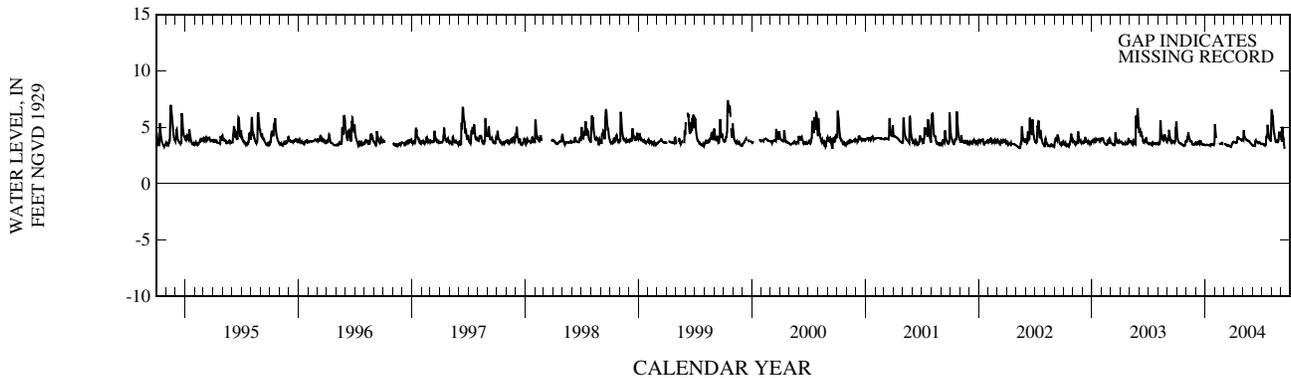
REMARKS.--Records of water levels prior to January 1957 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--January 1950 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.40 ft NGVD, Oct. 15, 1999; lowest, 2.46 ft NGVD, June 7, 1962.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.83	4.17	3.47	3.45	4.06	3.50	3.66	4.26	3.37	3.52	6.04	5.04
10	3.59	4.04	3.65	3.42	---	3.43	3.60	3.95	3.81	3.39	4.41	3.59
15	3.52	3.78	3.79	3.41	---	3.40	4.11	3.81	3.70	4.20	3.69	---
20	3.42	3.48	3.54	3.54	3.52	3.31	3.97	3.76	3.58	5.10	3.69	---
25	3.37	3.50	3.45	3.46	3.72	3.35	3.87	3.60	3.61	4.01	4.53	---
EOM	3.80	3.64	3.42	4.06	---	3.70	3.88	3.44	3.52	5.37	4.02	---
MAX	4.70	4.53	3.79	4.06	---	---	4.13	4.67	3.86	5.37	6.50	---



BROWARD COUNTY—Continued

WELL NUMBER.--260530080112101. Local Number G 2130. USGS Observation Well near Fort Lauderdale, FL.

LOCATION.--Lat 26°05'30", long 80°11'22", in SW 1/4 SW 1/4 SE 1/4 sec.18, T.50 S., R.42 E., Hydrologic Unit 03090202, 11.6 ft west of edge of SW 33rd Terrace and 6.0 ft north of stop sign at southwest corner of intersection of Riverland Road and SW 33rd Terrace.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 60 ft, cased to 59 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 7.16 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 7.1 ft above NGVD.

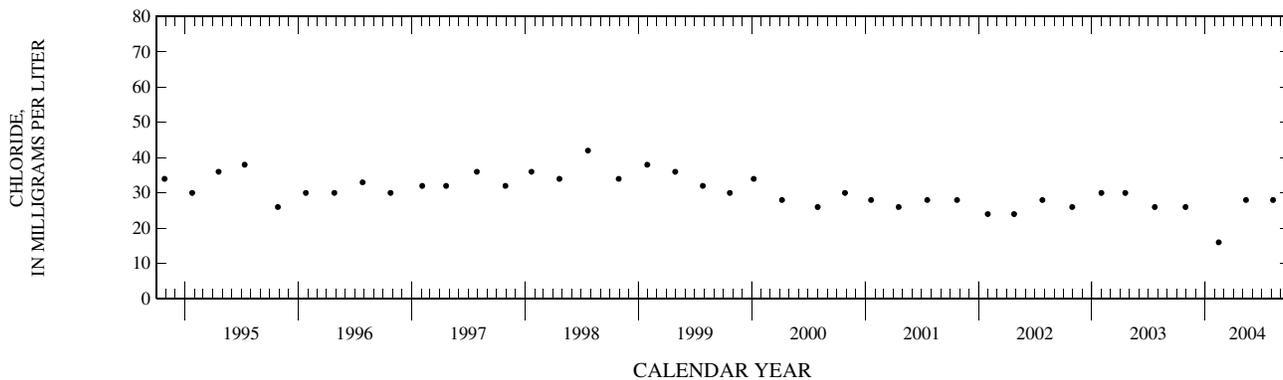
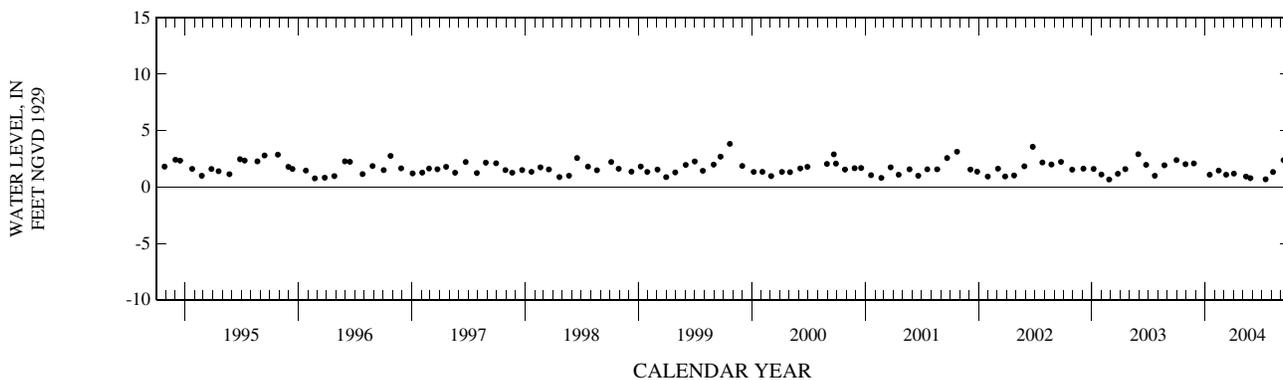
REMARKS.--Well also used for salinity monitoring. Salinity monitoring began in March 1975.

PERIOD OF RECORD.--October 1975 to August 1990 (intermittent), October 1990 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.15 ft NGVD, June 18, 1993; lowest, 0.54 ft above NGVD, Apr. 26, 1988 and Dec. 15, 1989.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 29...	1033	2.02	435	26.0	MAY 11...	1335	.92	463	28.0
NOV 25...	1030	2.08	--	--	MAY 25...	1040	.78	--	--
JAN 15...	0945	1.08	--	--	JUL 13...	1240	.68	--	--
FEB 13...	1210	1.45	348	16.0	AUG 06...	1053	1.32	458	28.0
MAR 08...	1446	1.08	--	--	SEP 09...	1219	2.37	--	--
APR 02...	1040	1.18	--	--	SEP 23...	1220	2.13	--	--



BROWARD COUNTY—Continued

WELL NUMBER.--260534080110801. Local Number G 2904. USGS Observation Well near Fort Lauderdale, FL.

LOCATION.--Lat 26°05'36", long 80°11'09", in SW 1/4 SW 1/4 SW 1/4 sec.17, T.50 S., R.42 E., Hydrologic Unit 03090202, at St. Ambrose Church, 16 ft east of SW 31st Avenue, northeast of the intersection of SW 31st Avenue and SW 23rd Court.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 126 ft, cased to 116 ft, screened 116 to 126 ft.

INSTRUMENTATION.--Quarterly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 5.04 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 5.0 ft above NGVD.

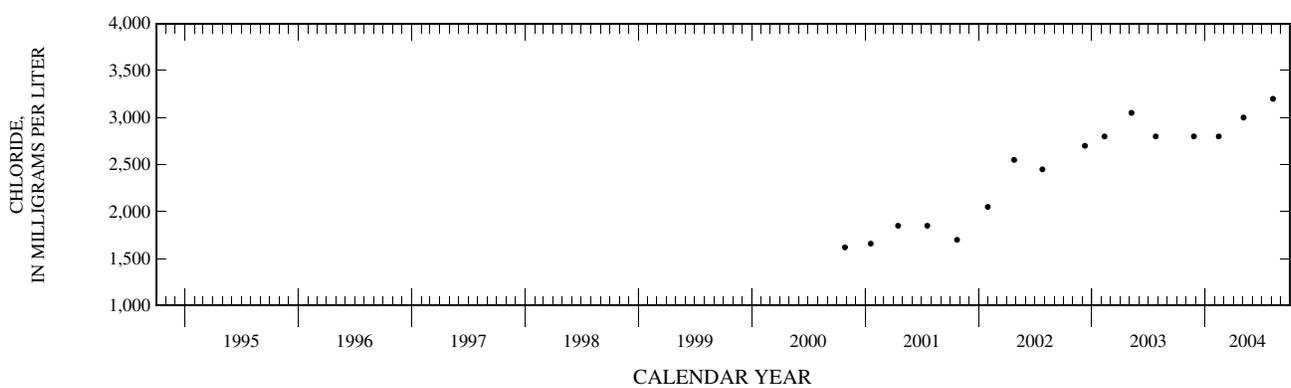
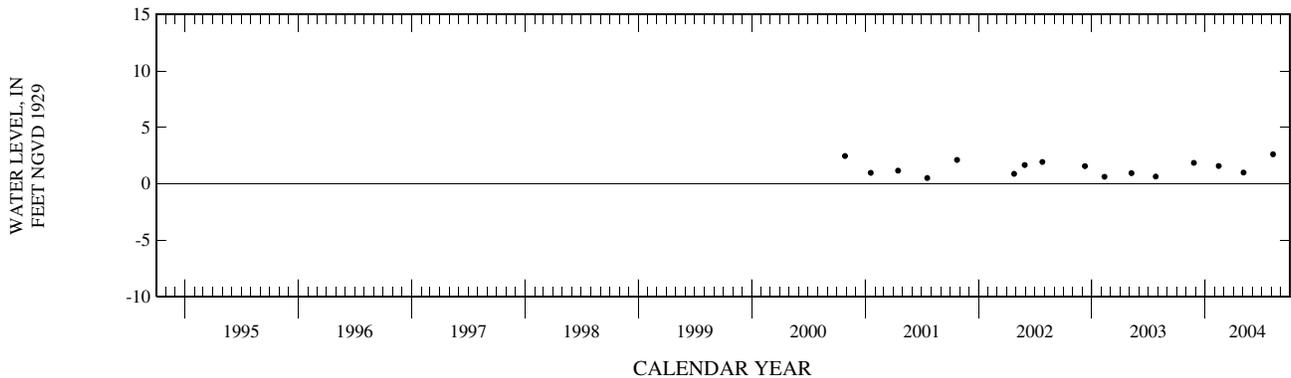
REMARKS.--Well is also used for salinity monitoring, including an annual induction log. Induction logs are used to assess movement of the fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in the front of this book. A calibration error was found to have affected some of the historical bulk conductivity logs collected by an induction logger. Bulk conductivity logs prior to the 2002 water year had been calibrated to a standard of 1,301 mS/m. For these calibrations an internal setting limited the probe response to 1,000 mS/m. Data for the affected years was corrected by applying a 0.7686 multiplier. Quarterly water-level measurements began in October 2000.

PERIOD OF RECORD.--April 2000 to current year. See REMARKS.

EXTREMES FOR THE PERIOD OF RECORD.--Highest water level measured, 2.62 ft NGVD, Aug. 6, 2004; lowest, 0.52 ft NGVD, July 19, 2001.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)
NOV 25...	1051	1.86	9,040	2,800	MAY 03...	1110	1.00	9,620	3,000
FEB 13...	1115	1.59	8,880	2,800	AUG 06...	1108	2.62	9,900	3,200



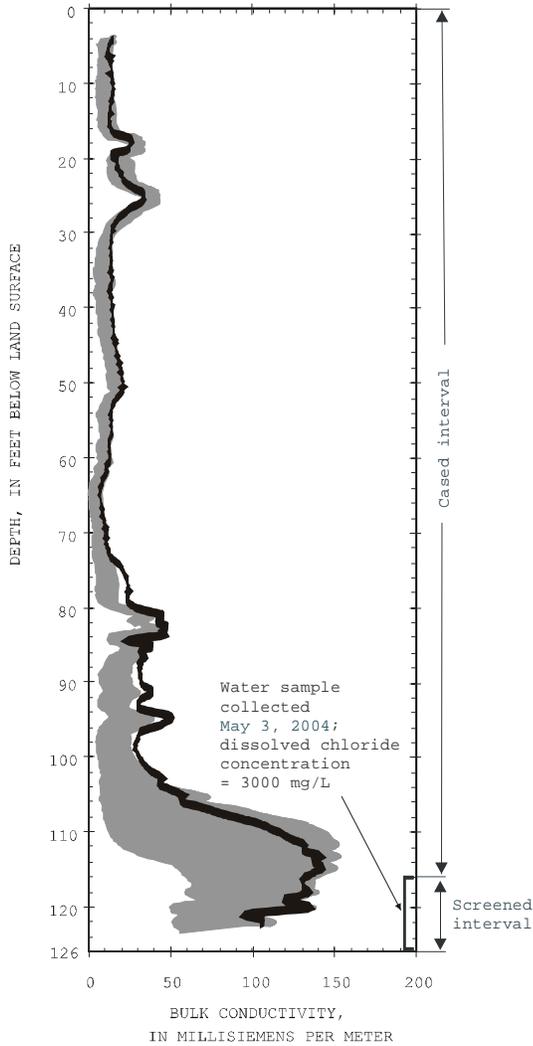
BROWARD COUNTY—Continued

WELL NUMBER.--260534080110801. Local Number G 2904. USGS Observation Well near Fort Lauderdale, FL.-Continued

260534080110801 G-2904

BULK CONDUCTIVITY

LITHOLOGIC LOG



DEPTH, IN FEET BELOW LAND SURFACE	DESCRIPTION
0	Top of well
0-10	Quartz sand, brown to gray, moderate to very well sorted, fine to very fine grained, grains are clear to frosted and sub-rounded to sub-angular, with silt-sized particles; organic matter; clayey silt
10-20	Quartz sand, tan to brown, well sorted, fine to very fine grained, grains are sub-angular to sub-rounded, with organic matter coating sand grains; organic matter
20-30	Quartz sand, tan, well sorted, very fine grained, grains are clear to frosted and sub-angular; silt-sized particles, yellow
30-40	Quartz sand, tan to yellow or white, very well sorted, very fine to fine grained, grains are frosted and sub-angular to subrounded
40-50	Quartz sand, tan to white, very well sorted, fine grained, grains are frosted and sub-rounded, with some heavy minerals
50-60	Quartz sand, white to tan, well sorted, fine grained, grains are sub-rounded to angular, with some heavy minerals; sandy fossiliferous limestone
60-65	Sandy coral limestone, white to tan, with heavy minerals and shell fragments; quartz sand with shell fragments
65-70	Sandy limestone, white, calcite cement, with heavy minerals; quartz sand, white to tan, with carbonate pieces
70-80	Quartz sand, white to tan, fine grained, grains are sub-angular to sub-rounded with concretions and heavy minerals
80-90	Quartz sand, tan, well sorted, fine grained, grains are clear and sub-rounded, with heavy minerals; sandy limestone with concretions, heavy minerals, and shell fragments
90-100	Quartz sand, tan to grey, moderately sorted, fine grained, grains are sub-angular, with heavy minerals, shell fragments, and concretions
100-110	Quartz sand, white to tan, well sorted, very fine to fine grained, grains are sub-angular to sub-rounded with heavy minerals; quartz sandstone concretions, gray, cemented with calcite, includes shell fragments and heavy minerals
110-120	Quartz sand, tan to white, moderate to well sorted, very fine grained, grains are sub-angular to sub-rounded with heavy minerals; sandy limestone concretions, cemented with calcite, includes heavy minerals and shell fragments
120-126	Sandy fossiliferous limestone, white to tan, well cemented, with shell fragments and heavy minerals
126	Bottom of well

Compiled and modified from the original lithologic description by Hydrologic Associates USA Inc., Miami, FL.

EXPLANATION

— Bulk conductivity, in millisiemens per meter, May 3, 2004

Shaded area represents range in bulk conductivity logs collected from April 19, 2000 to May 8, 2003

[Delimits the interval for which the well is open to the aquifer

BROWARD COUNTY—Continued

WELL NUMBER.--260534080112101. Local Number G 2129. USGS Observation Well near Fort Lauderdale, FL.

LOCATION.--Lat 26°05'33", long 80°11'22" in SW 1/4 SW 1/4 SE 1/4 sec.18, T.50 S., R.42 E., Hydrologic Unit 03090202, on western side of SW 33rd Terrace, 100 ft north of intersection between SW 33rd Terrace and Riverland Road.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 3 in., depth 180 ft, cased to 179 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 4.69 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 4.7 ft above NGVD.

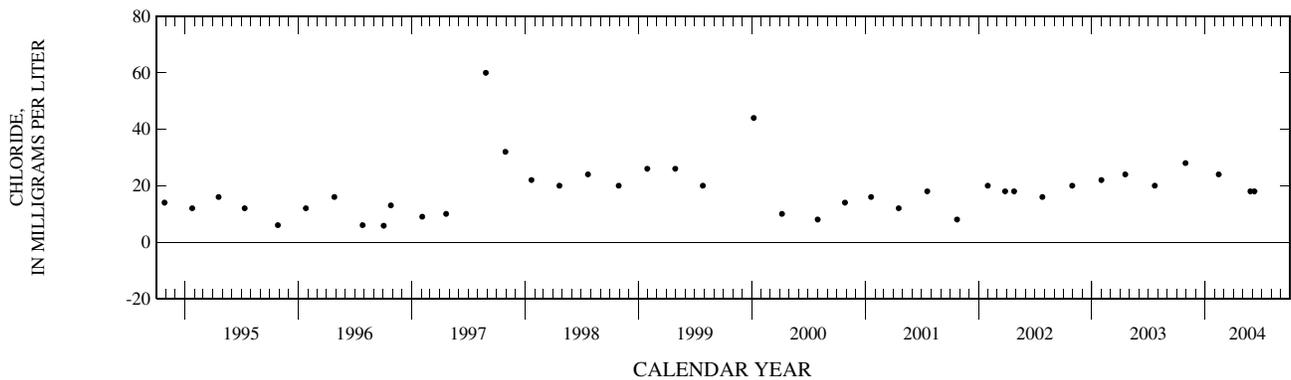
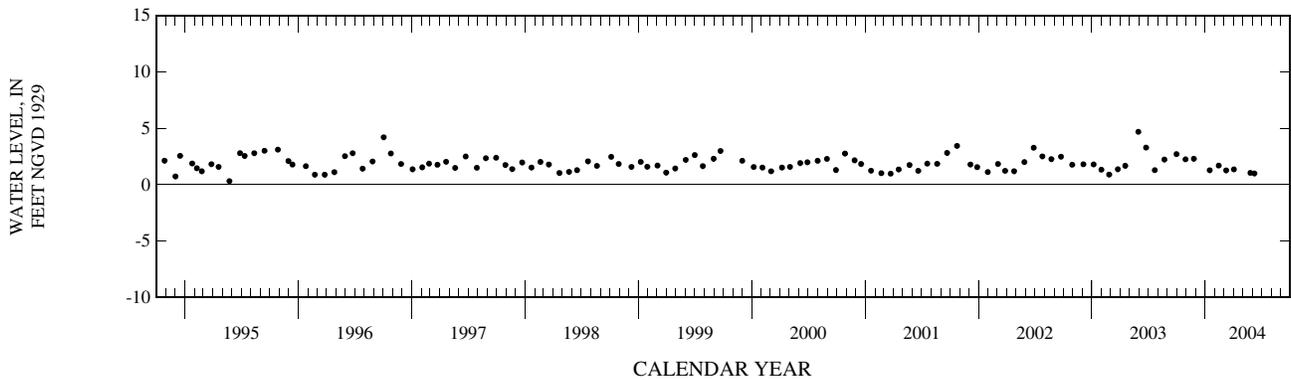
REMARKS.--Well also used for salinity monitoring, salinity monitoring began in May 1974. Measured well depth at 143.2 ft from top of casing on June 24, 2003. Well is filling with sand from the aquifer, but because the well is cased to 179 ft the samples collected are considered to be representative of the aquifer at this depth. On May 30, 2003, widespread flooding caused water levels around this well to be above the top of casing. Well was abandoned on June 7, 2004. This well has been abandoned and will be replaced for the 2005 water year with G-2957.

PERIOD OF RECORD.--May 1974 to July 1994 (intermittent), October 1994 to June 2004. Well abandoned and discontinued. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, greater than 4.69 ft NGVD, May 30, 2003 (See REMARKS); lowest, 0.32 ft NGVD, May 24, 1995.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 29...	1011	2.25	401	28.0	MAR 08...	1450	1.27	--	--
NOV 25...	1025	2.30	--	--	APR 02...	1045	1.36	--	--
JAN 15...	0951	1.28	--	--	MAY 25...	1332	1.05	380	18.0
FEB 13...	1227	1.70	452	24.0	JUN 07...	1202	1.00	407	18.0



BROWARD COUNTY—Continued

WELL NUMBER.--260545080082001. Local Number G 561. USGS Observation Well at Fort Lauderdale, FL.

LOCATION.--Lat 26°05'45", long 80°08'20", in NE ¼ SE ¼ SE ¼ sec.15, T.50 S., R.42 E., Hydrologic Unit 03090202, at SE 4th Avenue and 20th Street in Fort Lauderdale, 0.2 mi west of U.S. Highway 1, and 0.3 mi north of State Road 84.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft, cased to 20 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 11.40 ft above National Geodetic Vertical Datum of 1929. From March 1987 to October 2003, measuring point was considered to be top of base, 10.11 ft above NGVD. From October 1991 to October 1998, measuring point was incorrectly considered to be 10.12 ft above NGVD. From February 24, 1986 to March 1987, measuring point was top of shelf, 9.90 ft above NGVD. From February 9, 1948 to February 24, 1986, measuring point was 9.85 ft above NGVD. Prior to September 1982, measuring point was reported as top of casing, 10.95 ft above NGVD. (Corrected). See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 8.5 ft above NGVD. (Corrected).

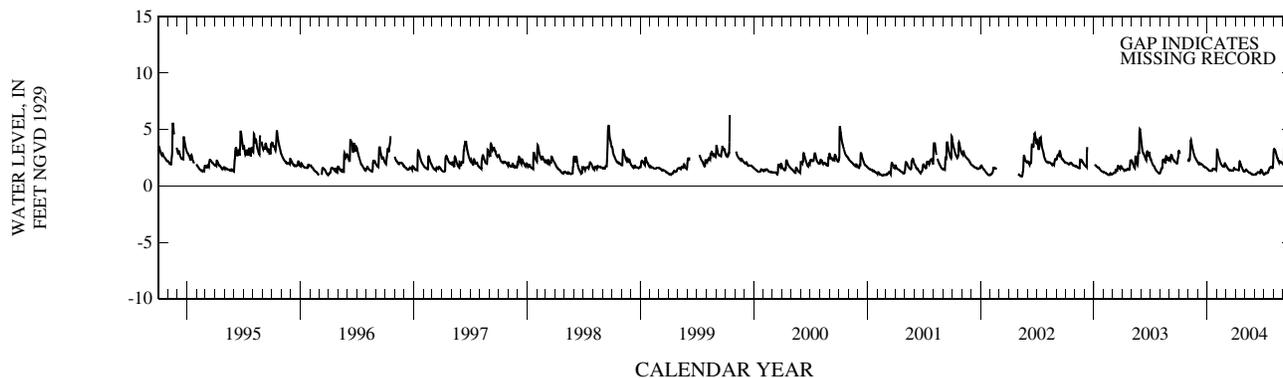
REMARKS.--On May 2003, it was noted that the casing of the well at land surface had corroded through and the well casing above land surface was unstable. The station was reconstructed in October 2003 to stabilize the well casing. A check of the measuring point elevation conducted prior to reconstruction indicated that the measuring point elevation was 10.13 ft above NGVD. The measuring point elevation was 10.11 ft above NGVD when surveyed in May 1987. Water-level data collected from March 1987 to October 2003 may be in error by -0.02 ft. An incorrect measuring point elevation was used from October 1991 to October 1998. Published records of water level as elevation from this period are in error by +0.01 ft. Because these changes in the measuring point are minor, historical water level elevation data have not been corrected. Records of water levels prior to January 1957 are available in files of the U.S. Geological Survey. (Corrected). See DATUM and PERIOD OF RECORD.

PERIOD OF RECORD.--February 1948 to current year. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.40 ft NGVD, Oct. 5, 1948; lowest, 0.05 ft NGVD, July 2, 1952.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.82	2.34	2.03	1.41	2.71	1.62	1.44	1.44	1.01	1.06	3.19	3.28
10	---	3.94	1.97	1.34	2.24	1.43	1.42	1.27	1.18	1.14	2.79	3.08
15	---	3.24	1.89	1.34	1.89	1.39	2.14	1.17	1.22	1.21	2.34	2.50
20	---	2.71	1.73	1.53	1.74	1.34	1.72	1.10	1.13	1.60	2.20	2.20
25	---	2.38	1.67	1.49	1.88	1.42	1.39	1.04	1.32	1.71	2.12	2.74
EOM	2.31	2.15	1.54	1.87	1.88	1.45	1.30	0.99	1.02	2.11	1.92	3.09
MAX	---	4.06	2.12	1.87	3.20	1.84	2.17	1.44	1.41	2.11	3.27	3.38



BROWARD COUNTY—Continued

WELL NUMBER.--260547080105801. Local Number G 2352. USGS Observation Well near Fort Lauderdale, FL.

LOCATION.--Lat 26°05'46", long 80°10'58" in SE 1/4 NW 1/4 SW 1/4 sec.17, T.50 S., R.42 E., Hydrologic Unit 03090202, 200 ft south of intersection of SW 29th Avenue and SW 19th Court, on western side of SW 29th Avenue, 20 ft from street.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 171 ft, cased to 171 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 4.91 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 4.9 ft above NGVD.

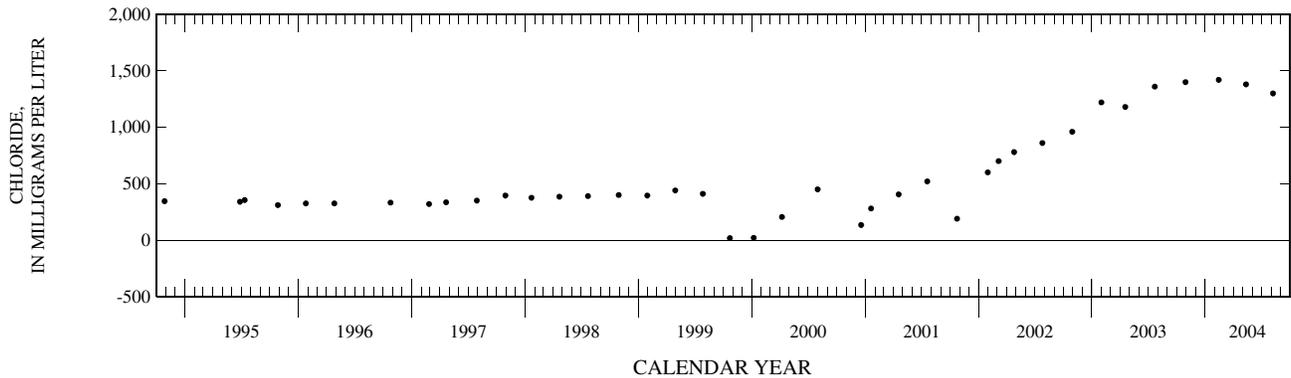
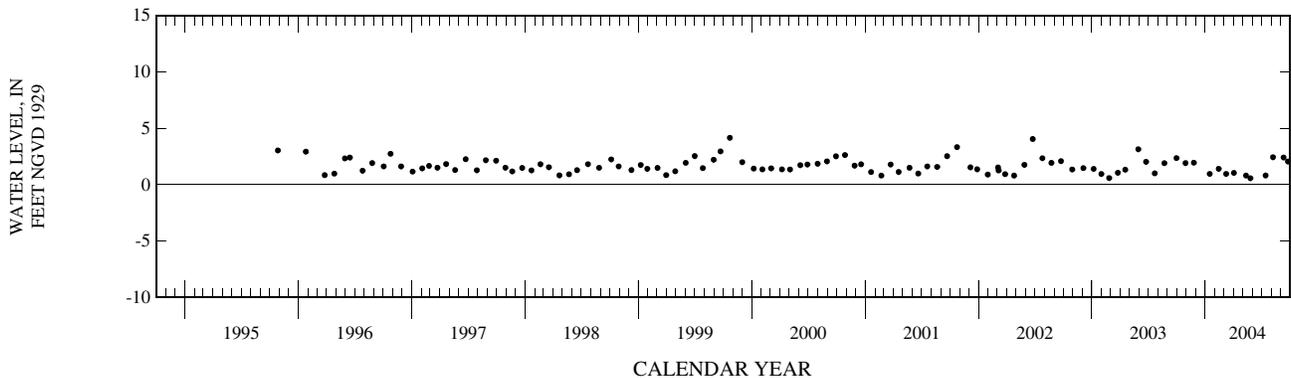
REMARKS.--Well also used for salinity monitoring since June 1981. Water level monitoring began in October 1995. See PERIOD OF RECORD.

PERIOD OF RECORD.--June 1981 to September 1995 (intermittent), October 1995 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.16 ft NGVD, Oct. 22, 1999; lowest, 0.58 ft NGVD, May 25, 2004.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 29...	0943	1.92	4,490	1,400	MAY 11...	1250	.81	4,750	1,380
NOV 25...	1127	1.95	--	--	MAY 25...	1033	.58	--	--
JAN 15...	1010	.96	--	--	JUL 13...	1219	.82	--	--
FEB 13...	1141	1.41	4,770	1,420	AUG 06...	1149	2.44	4,400	1,300
MAR 08...	1436	.96	--	--	SEP 09...	1242	2.41	--	--
APR 02...	1110	1.05	--	--	SEP 23...	1245	2.06	--	--



BROWARD COUNTY-Continued

WELL NUMBER.--260638080104801. Local Number G 2902. USGS Observation Well near Melrose Park, FL.

LOCATION.--Lat 26°06'38", long 80°10'48", in SE 1/4 NE 1/4 SW 1/4 sec. 8, T.50 S., R.42 E., Hydrologic Unit 03090202, at Triangle Park near the southwest corner of SW 8th Street and SW 28th Avenue, 0.75 mi south of Broward Boulevard.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 190 ft, cased to 180 ft, screened 180 to 190 ft.

INSTRUMENTATION.--Quarterly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 7.03 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 7.0 ft above NGVD.

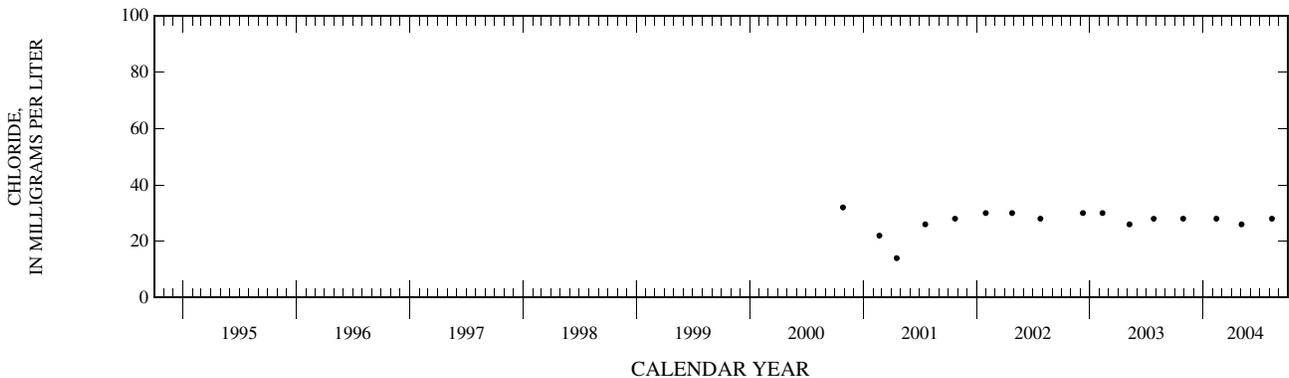
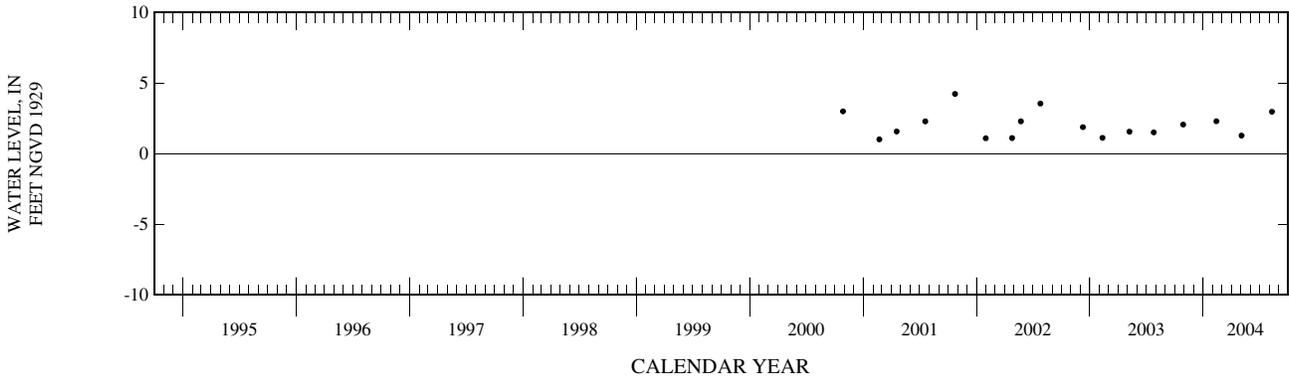
REMARKS.--Well is also used for salinity monitoring, including an annual induction log. Induction logs are used to assess movement of the fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in the front of this book. A calibration error was found to have affected some of the historical bulk conductivity logs collected by an induction logger. Bulk conductivity logs prior to the 2002 water year had been calibrated to a standard of 1,301 mS/m. For these calibrations an internal setting limited the probe response to 1,000 mS/m. Data for the affected years was corrected by applying a 0.7686 multiplier. Induction logging began in April 2001.

PERIOD OF RECORD.--October 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.23 ft NGVD, Oct. 23, 2001; lowest, 1.01 ft NGVD, Feb. 21, 2001.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 28...	1402	2.06	501	28.0	MAY 03...	1310	1.28	521	26.0
FEB 12...	1435	2.30	512	28.0	AUG 09...	1144	2.97	510	28.0

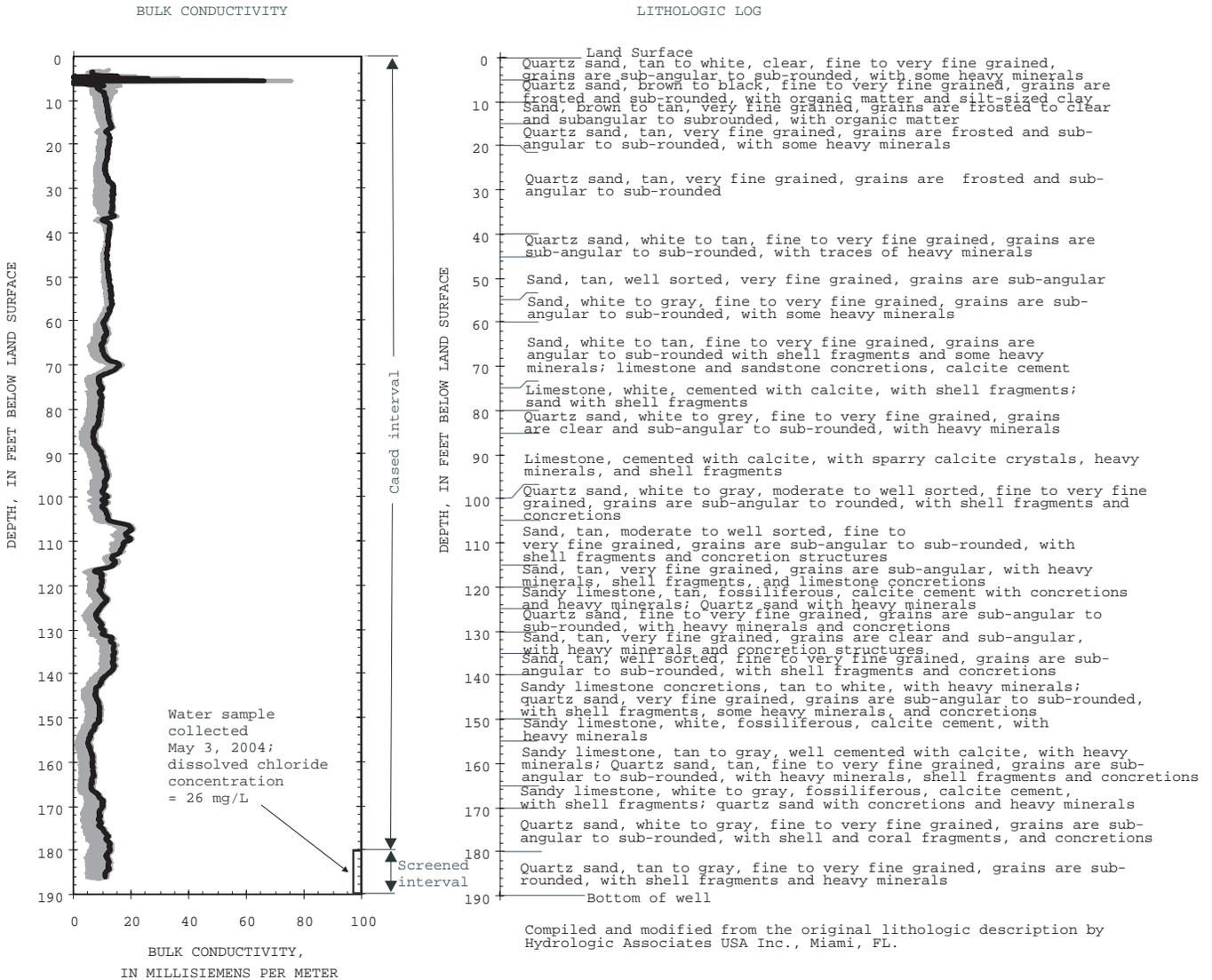


WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY-Continued

WELL NUMBER--260638080104801. Local Number G 2902. USGS Observation Well near Melrose Park, FL.-Continued

260638080104801 G-2902



EXPLANATION

- Bulk conductivity, in millisiemens per meter, May 3, 2004
- Shaded area represents range in bulk conductivity logs collected from April 18, 2001 to May 8, 2003
- [Delimits the interval for which the well is open to the aquifer

BROWARD COUNTY—Continued

WELL NUMBER.--260653080184901. Local Number G 2034. USGS Observation Well near Davie, FL.

LOCATION.--Lat 26°02'02", long 80°23'07", in NE ¼ SE ¼ sec.6, T.51 S., R.40 E., Hydrologic Unit 03090202, at SW 178th Avenue (Rolling Oaks Road) and SW 68th Court, 1.9 mi south of Griffin Road and east of Mathus Drive, 7.8 mi west of Davie.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 22 ft, cased to 21 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 9.44 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 6.3 ft above NGVD.

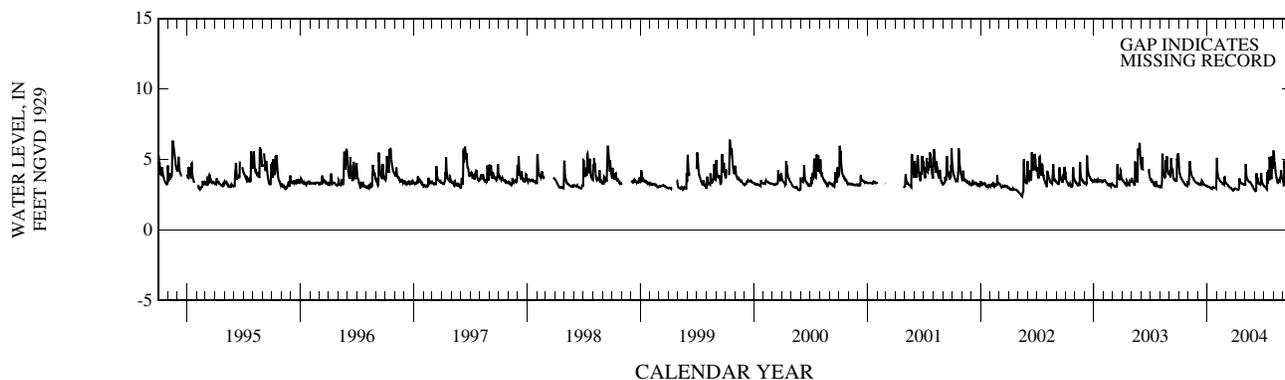
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--January 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.40 ft NGVD, Oct. 15, 1999; lowest, 1.49 ft NGVD, May 6, 1975.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.95	4.88	3.24	3.07	3.76	3.23	2.88	3.91	2.78	3.07	4.79	4.92
10	3.63	3.98	3.30	3.00	3.52	3.11	2.85	3.56	3.44	2.90	3.77	3.65
15	3.44	3.72	3.48	2.94	3.40	3.00	3.42	3.41	3.29	4.27	3.33	3.35
20	3.25	3.50	3.26	3.04	3.27	2.89	3.33	3.32	3.21	4.98	3.50	3.28
25	3.13	3.37	3.17	2.99	3.74	2.84	3.25	3.13	3.42	3.64	4.26	3.80
EOM	3.36	3.32	3.10	3.93	3.35	2.95	3.24	2.87	3.17	5.29	3.53	4.47
MAX	4.62	4.88	3.51	3.93	5.12	3.33	3.66	4.66	4.04	5.29	5.64	4.92



BROWARD COUNTY—Continued

WELL NUMBER.--260657080122301. Local Number S 329. USGS Observation Well in Fort Lauderdale, FL.

LOCATION.--Lat 26°06'57", long 80°12'23", in SW ¼ NE ¼ sec.12, T.50 S., R.41 E., Hydrologic Unit 03090202, 200 ft south of SW 4th Street on west side of Country Club Circle, and 0.3 mi west of U.S. Highway 441. (Corrected).

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, water-table well, diameter 4 in., depth 68 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 12.44 ft above National Geodetic Vertical Datum of 1929. From August 23, 1949 to September 30, 1997, measuring point was top of casing, 12.38 ft above NGVD. Prior to August 23, 1949, measuring point was 10.42 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 9.2 ft above NGVD.

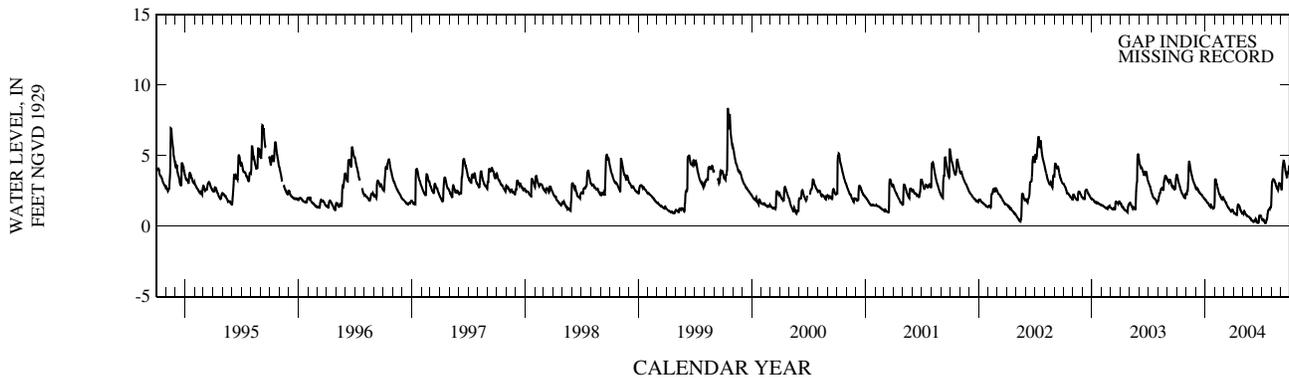
REMARKS.--Records of water levels prior to January 1957 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--September 1940 to current year. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.76 ft NGVD, Oct. 17, 1947; lowest, 1.26 ft below NGVD, May 2, 1975.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.30	2.51	2.65	1.75	3.10	1.75	0.90	1.08	0.37	0.45	3.30	3.75
10	2.85	4.58	2.49	1.62	2.66	1.55	0.81	0.85	0.48	0.30	3.26	4.62
15	2.48	3.93	2.36	1.43	2.28	1.34	1.52	0.73	0.31	0.37	2.92	3.88
20	2.24	3.44	2.24	1.50	2.06	1.16	1.42	0.68	0.24	0.96	2.67	3.42
25	2.06	3.08	2.06	1.27	1.96	1.06	1.06	0.54	0.77	1.21	3.04	3.85
EOM	2.32	2.80	1.88	1.80	1.98	1.05	0.93	0.41	0.58	1.48	2.83	4.38
MAX	3.64	4.58	2.71	1.89	3.33	1.93	1.53	1.08	0.77	1.48	3.34	4.63



BROWARD COUNTY-Continued

WELL NUMBER.--260737080103302. Local Number G 2901R. USGS Observation Well near Fort Lauderdale, FL.

LOCATION.--Lat 26°07'38", long 80°10'33", in NW ¼ SE ¼ sec.5, T.50 S., R.42 E., Hydrologic Unit 03090202, 110 ft east of the west parking lot in Reverend Samuel Delevoe Park, southeast of the intersection of Sistrunk Boulevard and NW 27th Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 205 ft, cased to 195 ft, screened 195 to 205 ft.

INSTRUMENTATION.--Quarterly measurement by chalked tape.

DATUM.--Measuring point: Top of casing, 4.45 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 4.4 ft above NGVD.

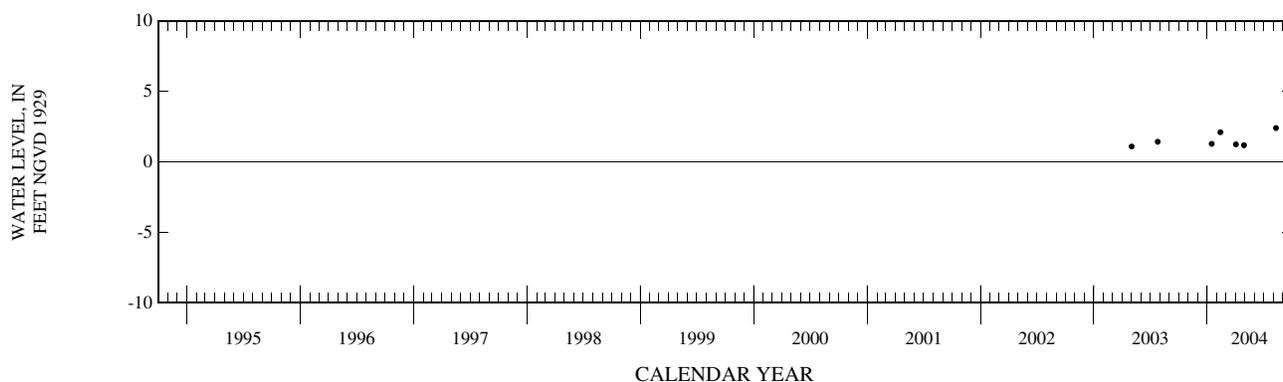
REMARKS.--G-2901R replaces G-2901, which had a separated casing and was 110 ft south-southwest of G-2901R. G-2901R can not be purged sufficiently for chloride-concentration sampling. Sampling was discontinued in January 2004. Induction logs are collected annually. Induction logs are used to assess the movement of the fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in the front of this book. Metal well centralizers were installed during well construction. Metal objects interfere with probe operation when present.

PERIOD OF RECORD.--May 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.40 ft NGVD, Aug. 9, 2004; lowest, 1.09 ft NGVD, May 2, 2003.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

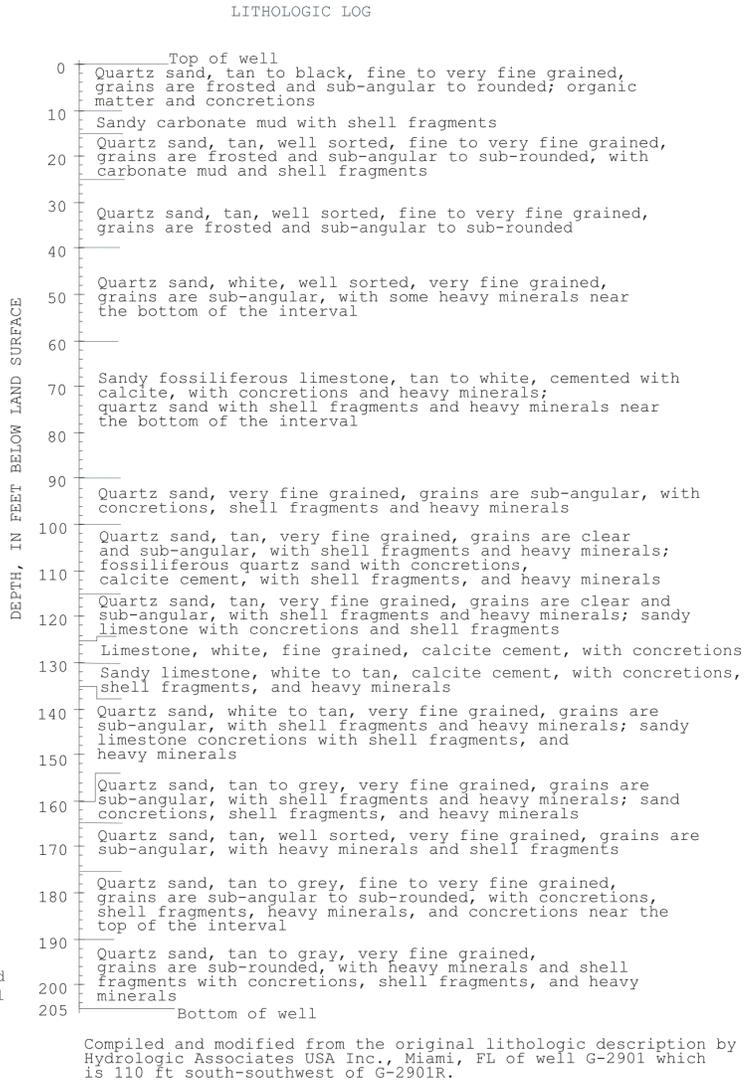
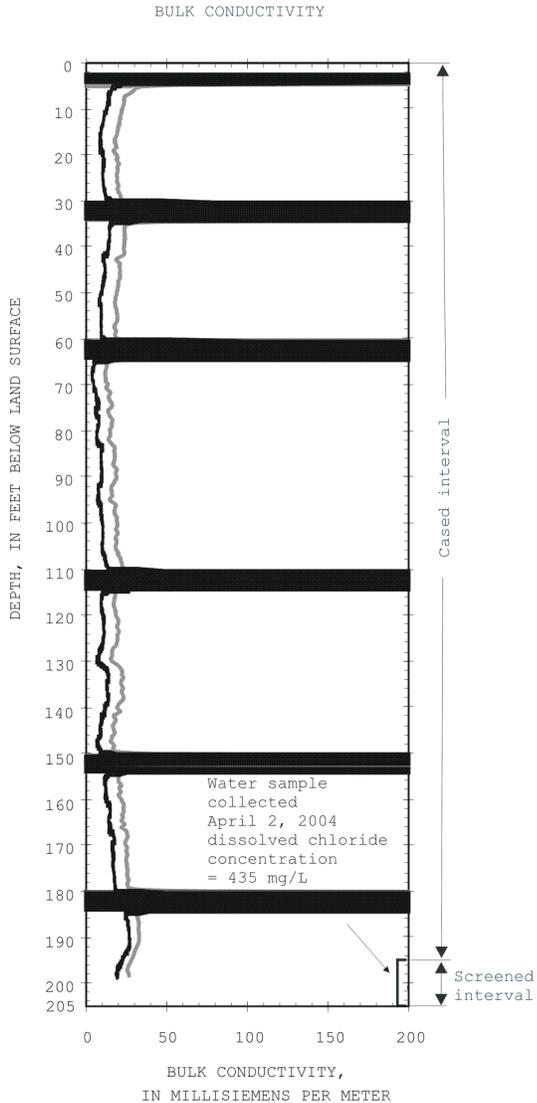
Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
JAN 15...	1050	1.28	APR 02...	1129	1.24
FEB 12...	1420	2.10	APR 28...	1430	1.18
			AUG 09...	1107	2.40



BROWARD COUNTY-Continued

WELL NUMBER.--260737080103302. Local Number G 2901R. USGS Observation Well near Fort Lauderdale, FL.-Continued

260737080103301 G-2901R



BROWARD COUNTY—Continued

WELL NUMBER.--260752080084701. Local Number G 1220. USGS Observation Well in Fort Lauderdale, FL.

LOCATION.--Lat 26°07'52", long 80°08'47", in SE 1/4 NW 1/4 sec.3, T.50 S., R.42 E., Hydrologic Unit 03090202. At corner of NW 2nd Avenue and NW 7th Street in Fort Lauderdale, and 0.8 mi west of U.S. Highway 1. (Corrected).

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 7.72 ft above National Geodetic Vertical Datum of 1929. From April 17, 2002 to September 30, 2002, top of base was incorrectly considered to be 7.78 ft above NGVD. From October 2000 to April 16, 2002, top of base was 7.77 ft above NGVD. From October 1997 to September 2000, top of base was incorrectly considered to be 7.78 ft above NGVD. From January 1989 to September 1997, top of base was incorrectly considered to be 7.76 ft above NGVD. From October 1980 to January 1989, measuring point was top of casing, 7.76 ft above NGVD. Prior to October 1980, measuring point, top of base, was considered to be 8.76 ft above NGVD. The figures of water level as elevation, in feet NGVD, from January 1989 to October 2000 and from April 17, 2002 to September 30, 2002, are in error. (Corrected). See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 7.0 ft above NGVD.

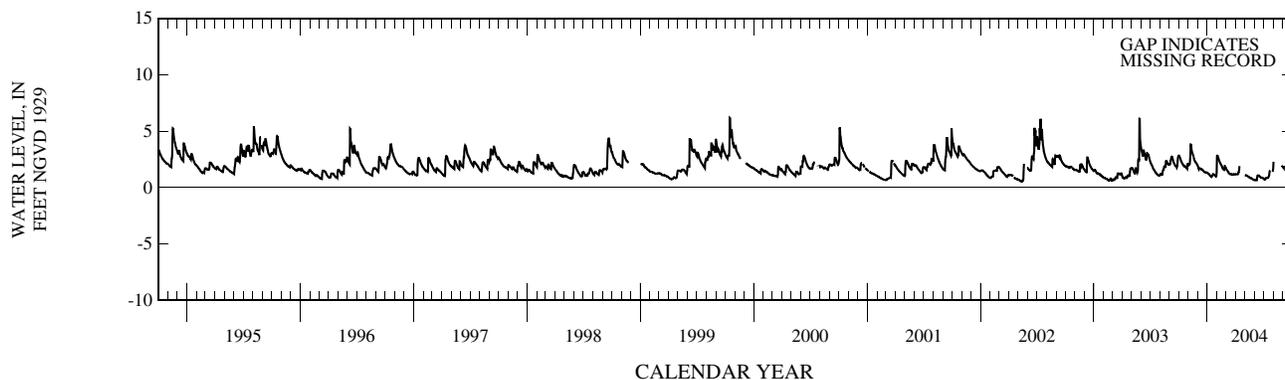
REMARKS.--Because of the 0.01 ft magnitude of error, the published figures of water levels as elevation, in feet NGVD, for January 1989 to September 2000 have been retained. The figures of water level as elevation, in feet NGVD, prior to October 1, 1980 are in error. A -1.00 ft correction has been applied to correct these water-level data. The figures of water level as elevation, in feet NGVD, from April 17, 2002 to September 30, 2002, are in error. A -0.03 ft correction has been applied to correct the data. Corrected records are in files of the U.S. Geological Survey. See DATUM. Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--December 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.37 ft NGVD, Mar. 27, 1986; lowest, 0.40 ft NGVD, May 30, 1965.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.66	2.10	1.63	1.23	2.69	1.50	1.18	1.09	0.66	0.73	---	---
10	2.26	3.58	1.67	1.06	2.26	1.30	1.36	1.01	1.05	0.86	---	---
15	2.01	2.99	1.60	0.99	1.97	1.19	---	0.92	1.07	0.88	---	---
20	1.92	2.47	1.46	1.20	1.68	1.18	---	0.85	0.93	1.51	---	2.21
25	1.75	2.22	1.37	1.08	1.64	1.15	---	0.77	0.88	---	---	2.68
EOM	2.10	2.00	1.31	1.38	1.77	1.20	---	0.68	0.78	1.66	1.83	3.26
MAX	2.83	3.81	1.95	1.38	2.83	1.71	---	1.11	1.08	---	---	---



BROWARD COUNTY—Continued

WELL NUMBER.--260804080092701. Local Number G 2899. USGS Observation Well near Fort Lauderdale, FL.

LOCATION.--Lat 26°08'05", long 80°09'38", in SW 1/4 NW 1/4 NE 1/4 sec.4, T.50 S., R.42 E., Hydrologic Unit 03090202, at southeast corner of Joseph Carter Center, 705 ft south of Sunrise Boulevard and 0.5 mi east of U.S. Interstate 95.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 125 ft, cased to 115 ft, screened 115 to 125 ft.

INSTRUMENTATION.--Quarterly measurement with chalked tape. See REMARKS.

DATUM.--Measuring point: Top of casing, 5.92 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 5.9 ft above NGVD.

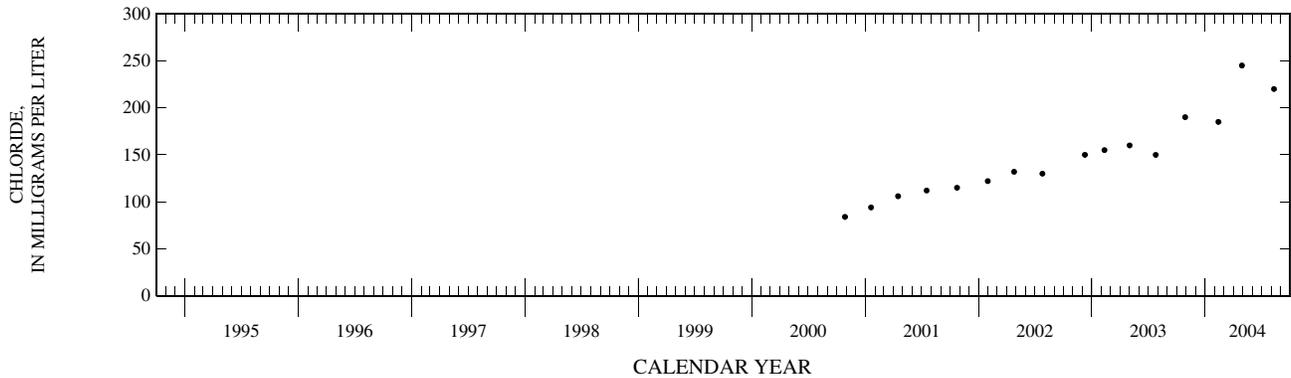
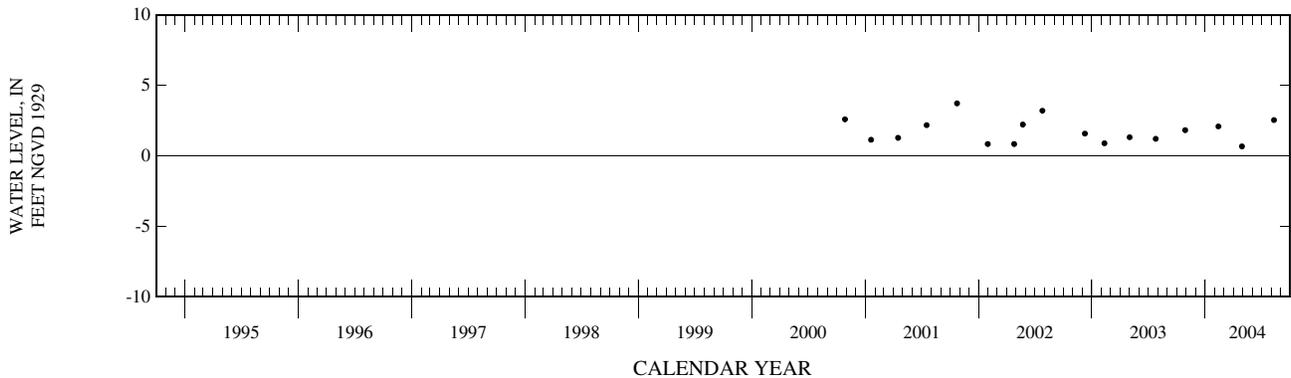
REMARKS.--Well is also used for salinity monitoring, including an annual induction log. Induction logs are used to assess the movement of fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in front of this book. A calibration error was found to have affected some of the historical bulk conductivity logs collected by an induction logger. Bulk conductivity logs prior to the 2002 water year had been calibrated to a standard of 1,301 mS/m. For these calibrations an internal setting limited the probe response to 1,000 mS/m. Data for the affected years was corrected by applying a 0.7686 multiplier. Annual induction logging began in April 2000. Quarterly water-level measurements began in October 2000.

PERIOD OF RECORD.--April 2000 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.72 ft NGVD, Oct. 23, 2001; lowest, 0.67 ft NGVD, Apr. 28, 2004.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

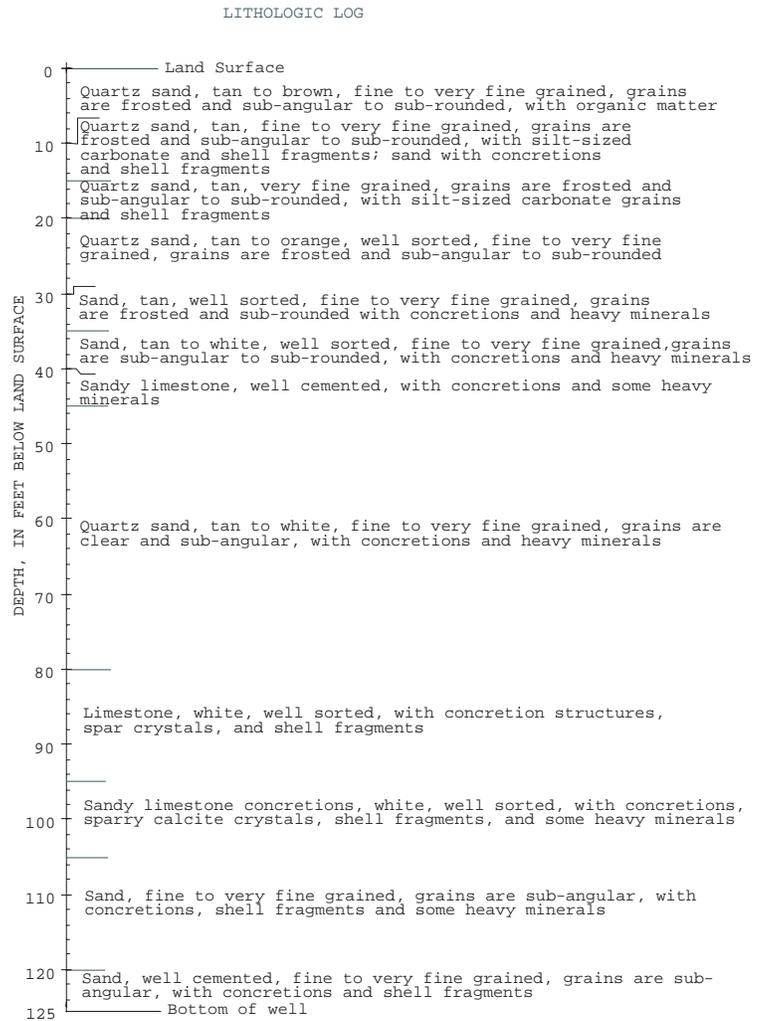
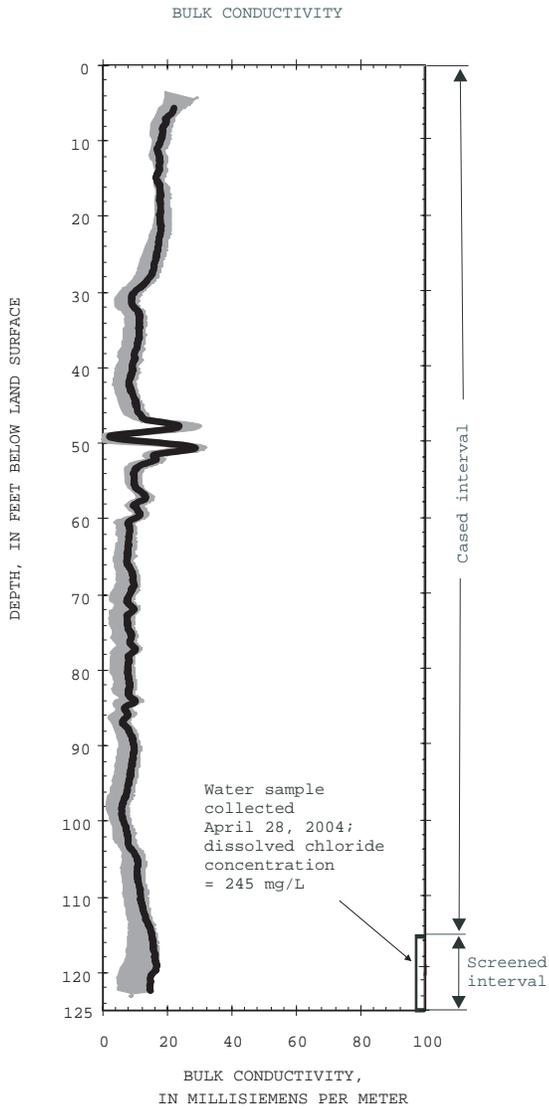
Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)
OCT 28...	1257	1.82	918	190	APR 28...	1230	.67	1,070	245
FEB 12...	0911	2.09	991	185	AUG 09...	0948	2.54	1,080	220



BROWARD COUNTY—Continued

WELL NUMBER.--260804080092701. Local Number G 2899. USGS Observation Well near Fort Lauderdale, FL.--Continued

260804080092701 G-2899



Compiled and modified from the original lithologic description by Hydrologic Associates USA Inc., Miami, FL.

EXPLANATION

— Bulk conductivity, in millisiemens per meter, April 28, 2004

Shaded area represents range in bulk conductivity logs collected from April 19, 2000 to May 7, 2003

[Delimits the interval for which the well is open to the aquifer

BROWARD COUNTY—Continued

WELL NUMBER.--260821080185101. Local Number G 2032. USGS Observation Well in Plantation, FL.

LOCATION.--Lat 26°08'21", long 80°18'51", in SW 1/4 NW 1/4 sec.36, T.49 S., R.40 E., Hydrologic Unit 03090202, at northeast corner of NW 12th Street and Flamingo Road, 1.6 mi north of North New River Canal. (Corrected).

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 22 ft, cased to 21 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 8.79 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 6.6 ft above NGVD. (Corrected).

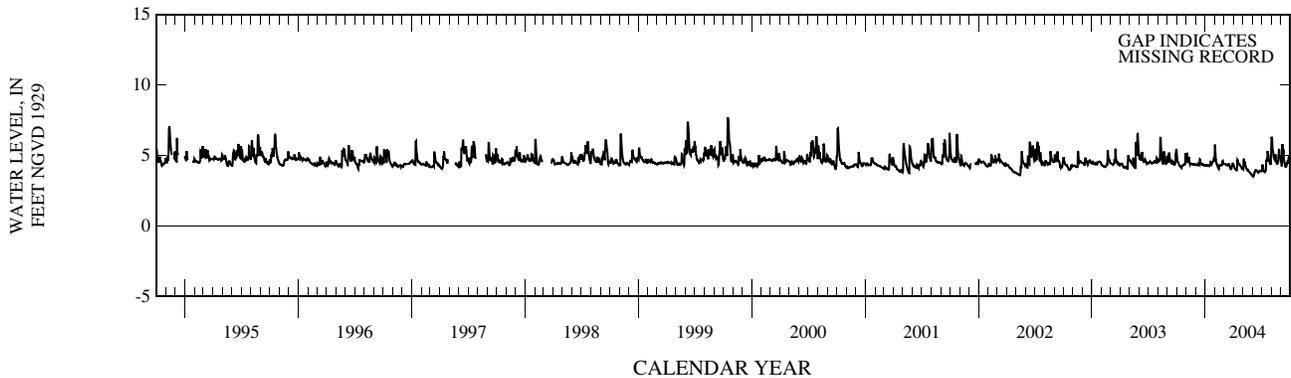
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--October 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.71 ft NGVD, Oct. 15, 1999; lowest, 2.85 ft NGVD, May 7, 1974.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.53	4.71	4.35	4.32	4.52	4.40	4.08	4.53	3.59	4.05	5.32	5.80
10	4.29	4.63	4.45	4.29	4.20	4.33	3.96	4.23	3.95	3.82	4.75	4.75
15	4.14	4.41	4.71	4.35	4.30	4.39	4.52	3.98	3.90	4.70	4.56	4.23
20	4.31	4.38	4.38	4.47	4.33	4.19	4.37	3.88	3.79	5.17	4.44	4.45
25	4.36	4.37	4.33	4.56	4.60	4.09	4.19	3.73	3.92	4.56	5.48	4.79
EOM	4.78	4.37	4.29	4.93	4.42	4.39	4.04	3.60	3.89	5.23	4.62	4.63
MAX	5.17	5.19	4.73	4.93	5.77	4.43	4.70	4.72	3.97	5.31	6.32	5.80



BROWARD COUNTY—Continued

WELL NUMBER.--260920080092201. Local Number G 2898. USGS Observation Well near Fort Lauderdale, FL.

LOCATION.--Lat 26°09'20", long 80°09'22", in NE 1/4 SE 1/4 sec.28, T.49 S., R.42 E., Hydrologic Unit 03090202, 0.55 mi south of Oakland Park Boulevard (State Road 816), 0.01 mi west of Powerline Road (State Road 845) at entrance to Mills Pond Park, 27 ft east of parking lot. (Corrected).

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 119.5 ft cased to 109.5 ft. See REMARKS.

INSTRUMENTATION.--Monthly measurement with chalk tape. See REMARKS.

DATUM.--Measuring point: Top of casing, 5.21 ft above National Geodetic Vertical Datum of 1929. Between February 21, 2001 and June 4, 2002, measuring point was top of base, 8.35 ft above NGVD. During this period, measuring point was incorrectly considered to be 8.43 ft above NGVD (also incorrectly reported as 8.44 ft above NGVD in the 2002 Water Resources Data Report). From July 24, 2002 to January 30, 2003, and prior to February 21, 2001, measuring point was incorrectly considered to be 5.20 ft NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 5.2 ft above NGVD.

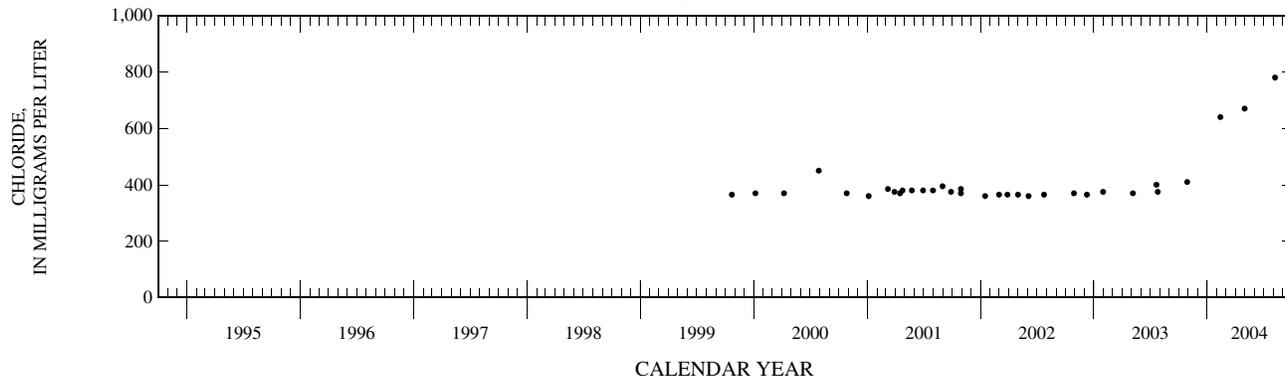
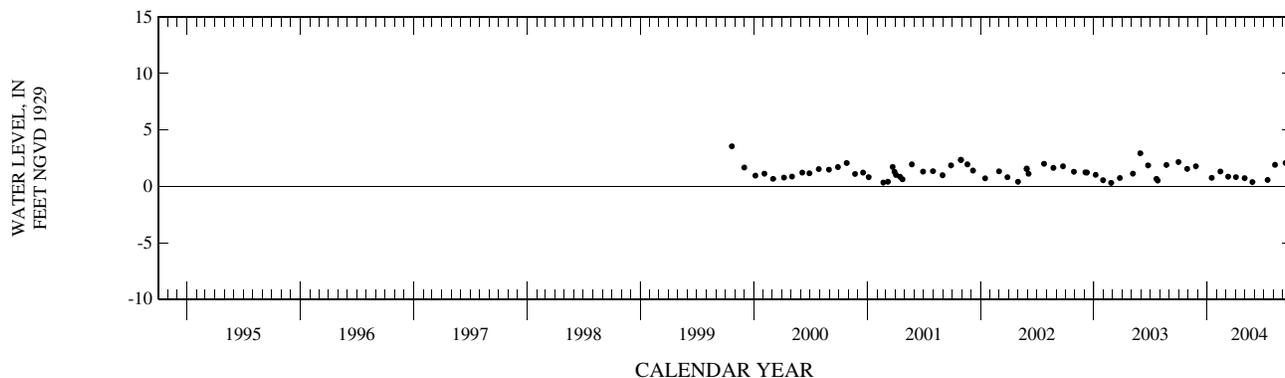
REMARKS.--Well is also used for salinity monitoring, including an annual induction log. Induction logs are used to assess the movement of the fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in the front of this book. A calibration error was found to have affected some of the historical bulk conductivity logs collected by an induction logger. Bulk conductivity logs prior to the 2002 water year had been calibrated to a standard of 1,301 mS/m. For these calibrations an internal setting limited the probe response to 1,000 mS/m. Data for the affected years was corrected by applying a 0.7686 multiplier. The station was temporarily reconstructed between February 21, 2001 and June 4, 2002, to facilitate continuous water-level and conductivity monitoring. The figures of water level as elevation, in feet NGVD, from October 1999 to January 2003 are in error. Corrected records are in the files of the U.S. Geological Survey. Well depth corrected based on reevaluation of construction records and on the depth sounding collected May 6, 2003. See DATUM and WELL CHARACTERISTICS.

PERIOD OF RECORD.--October 1999 to January 2001 (monthly), February 2001 to June 2002 (monthly and daily), July 2002 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.25 ft NGVD, Sept. 29, 2001; lowest daily maximum water level, 0.30 ft NGVD, May 8, 2002, and lowest measured, Feb. 25, 2003.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

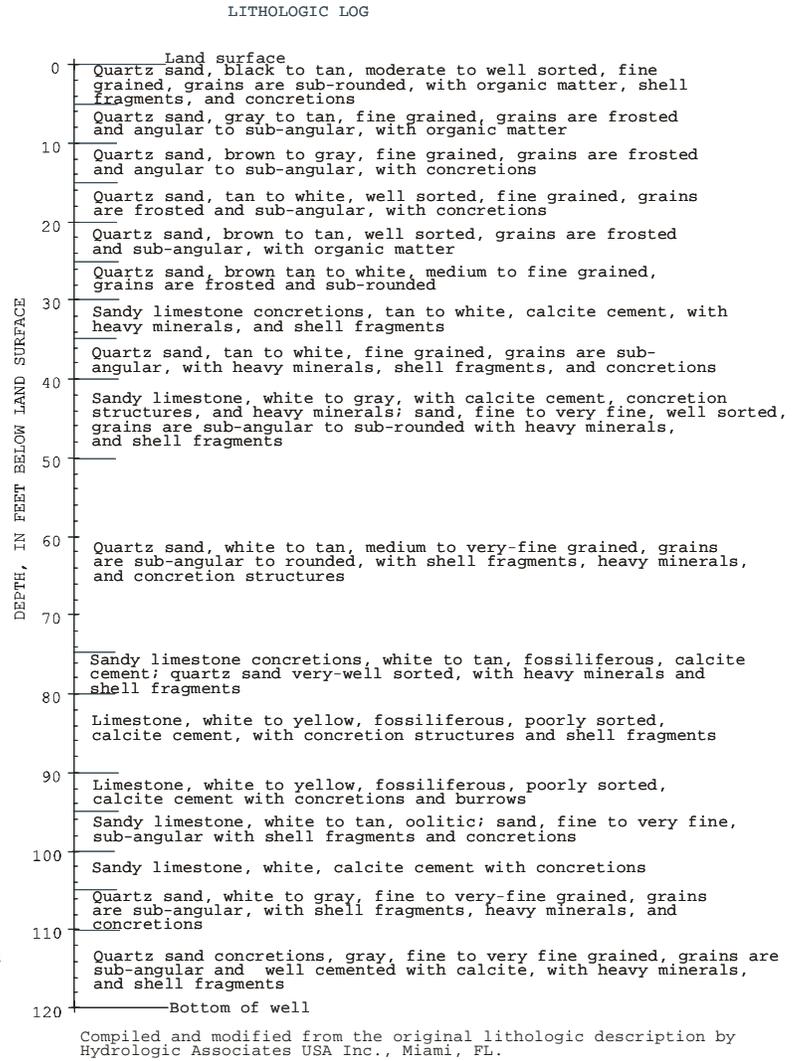
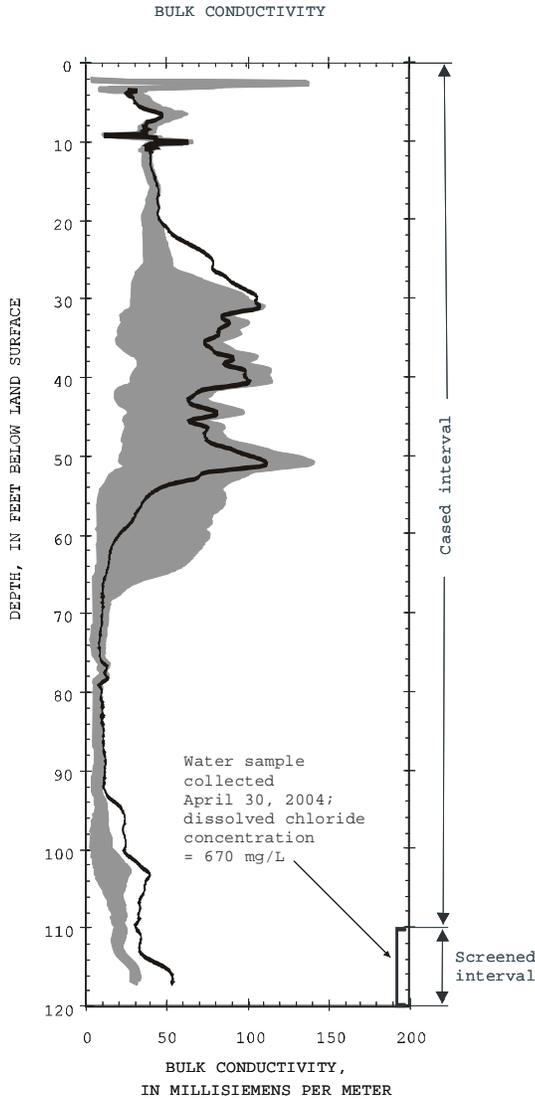
Date	Time	Elevation, feet above NGVD (72020)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Chloride, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Chloride, water, fltrd, mg/L (00940)
OCT 28...	1229	1.54	1,630	410	APR 02...	1312	.81	--	--
NOV 25...	0953	1.77	--	--	APR 30...	1508	.72	2,690	670
JAN 15...	1120	.75	--	--	MAY 25...	0945	.37	--	--
FEB 12...	0950	1.31	2,500	640	JUL 13...	1136	.56	--	--
MAR 08...	1410	.85	--	--	AUG 06...	1246	1.90	2,920	780
					SEP 09...	1320	2.06	--	--
					SEP 23...	1430	2.12	--	--



BROWARD COUNTY—Continued

WELL NUMBER--260920080092201. Local Number G 2898. USGS Observation Well near Fort Lauderdale, FL.-Continued

260920080092201 G-2898



EXPLANATION

— Bulk conductivity, in millisiemens per meter, April 30, 2004

Shaded area represents range in bulk conductivity logs collected from April 19, 2000 to May 6, 2003

[Delimits the interval for which the well is open to the aquifer

BROWARD COUNTY—Continued

WELL NUMBER.--261030080083301. Local Number G 2897. USGS Observation Well near Oakland Park, FL.

LOCATION.--Lat 26°10'30", long 80°08'33", in SW ¼ SE ¼ NE ¼ sec.22, T.49 S., R.42 E., Hydrologic Unit 03090202, 16 ft from edge of NE 3rd Avenue parking lot at Collins Community Center.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 135.5 ft, cased to 125.5 ft, screened 125.5 to 135.5 ft.

INSTRUMENTATION.--Quarterly measurements with chalked tape. See REMARKS.

DATUM.--Measuring point: Top of casing, 6.42 ft above National Geodetic Vertical Datum of 1929. Prior to February 2001, measuring point was 6.31 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 6.4 ft above NGVD.

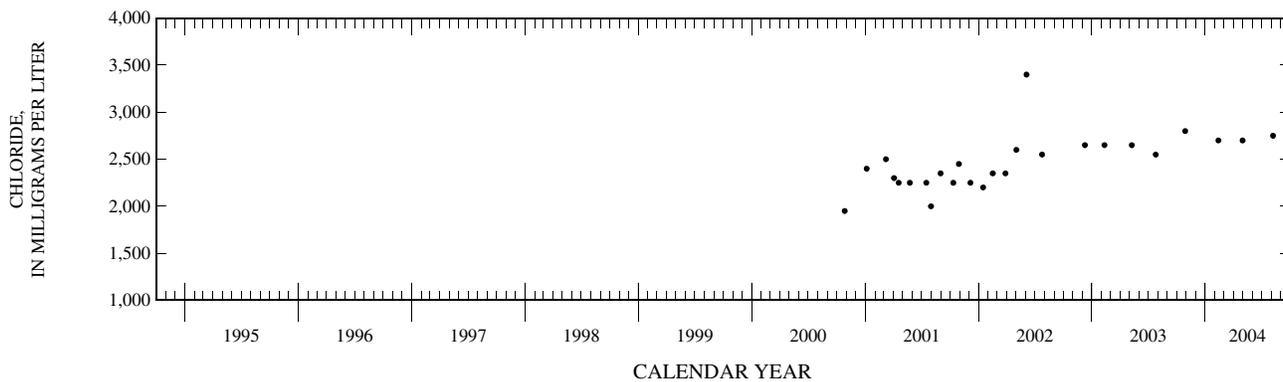
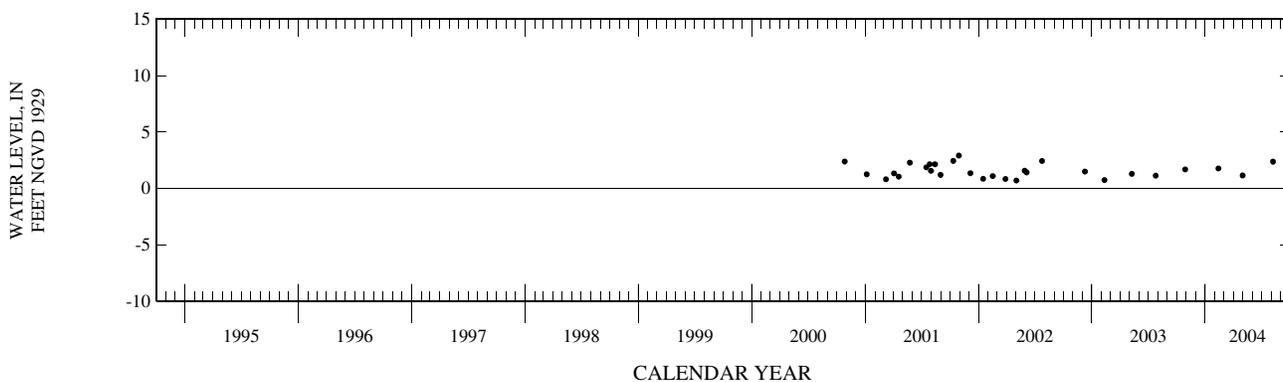
REMARKS.--Well is also used for salinity monitoring, including an annual induction log. Induction logs are used to assess the movement of the fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in the front of the book. A calibration error was found to have affected some of the historical bulk conductivity logs collected by an induction logger. Bulk conductivity logs prior to the 2002 water year had been calibrated to a standard of 1,301 mS/m. For these calibrations an internal setting limited the probe response to 1,000 mS/m. Data for the affected years was corrected by applying a 0.7686 multiplier. Station was reconstructed in February 2001, for a salt water intrusion modeling project. Quarterly water-level measurements began in October, 2000. Continuous water-level and conductivity data were collected from March, 2001 through June 2002, as part of an investigative project. Data are available in the files of the U.S. Geological Survey.

PERIOD OF RECORD.--April 2000 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 3.81 ft NGVD, Sept. 14, 2001; lowest, 0.53 ft NGVD, May 6-11, 2002.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

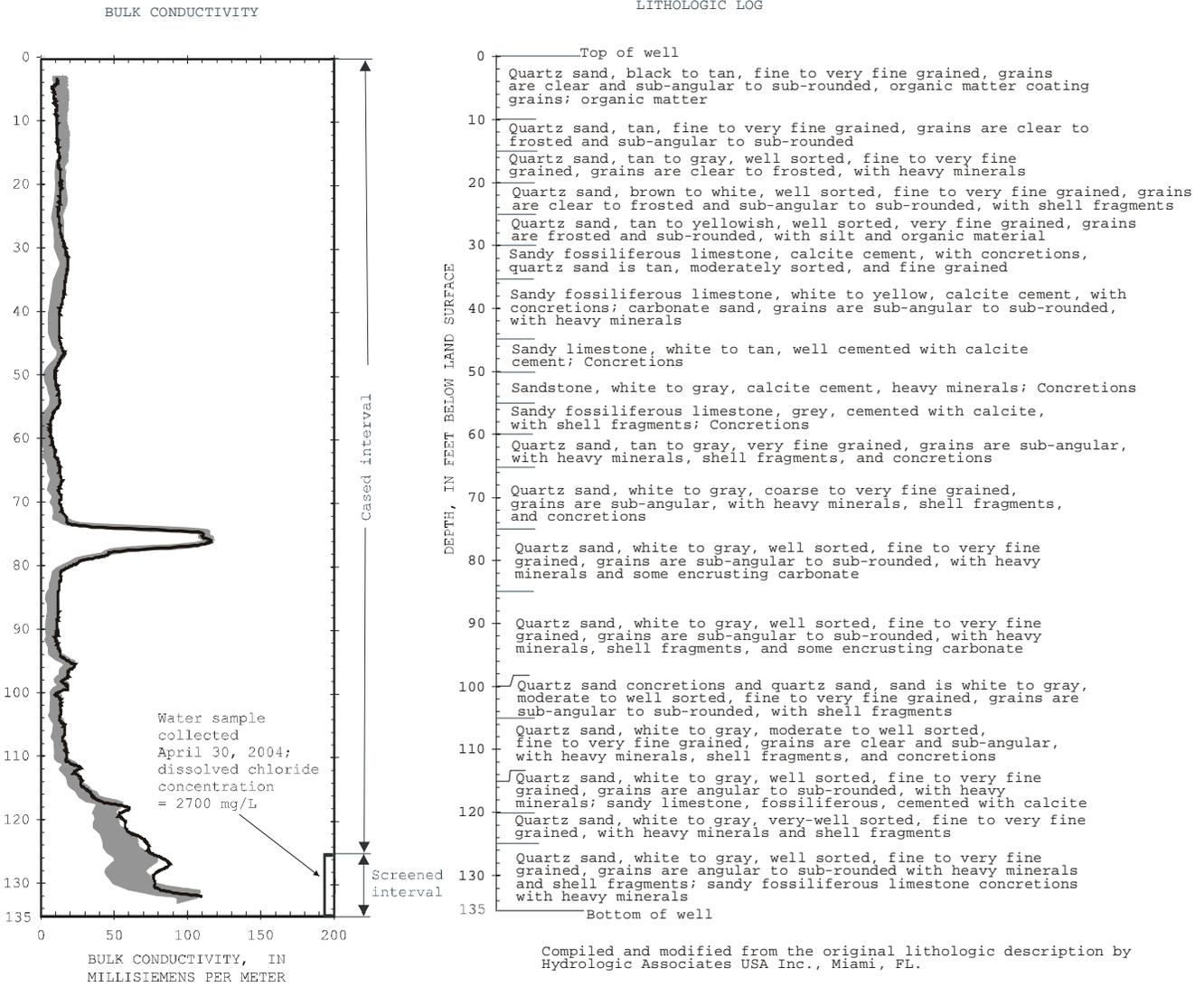
Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 28...	1205	1.69	8,240	2,800	APR 30...	1313	1.16	8,480	2,700
FEB 12...	1128	1.78	8,360	2,700	AUG 06...	1325	2.38	8,340	2,750



BROWARD COUNTY—Continued

WELL NUMBER.--261030080083301. Local Number G 2897. USGS Observation Well near Oakland Park, FL.-Continued

261030080083301 G-2897



EXPLANATION

- Bulk conductivity, in millisiemens per meter, April 30, 2004
- Shaded area represents range in bulk conductivity logs collected from April 19, 2000 to May 9, 2003
- [Delimits the interval for which the well is open to the aquifer

BROWARD COUNTY—Continued

WELL NUMBER.--261100080140401. Local Number G 1212. USGS Observation Well near Fort Lauderdale, FL.

LOCATION.--Lat 26°10'59", long 80°09'04", in SW ¼ SE ¼ NW ¼ sec.15, T.49 S., R.42 E., Hydrologic Unit 03090202, at the northeast intersection of NW 46th Street and NW 5th Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 197.4 ft, cased to 197.4 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 7.32 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 7.8 ft above NGVD.

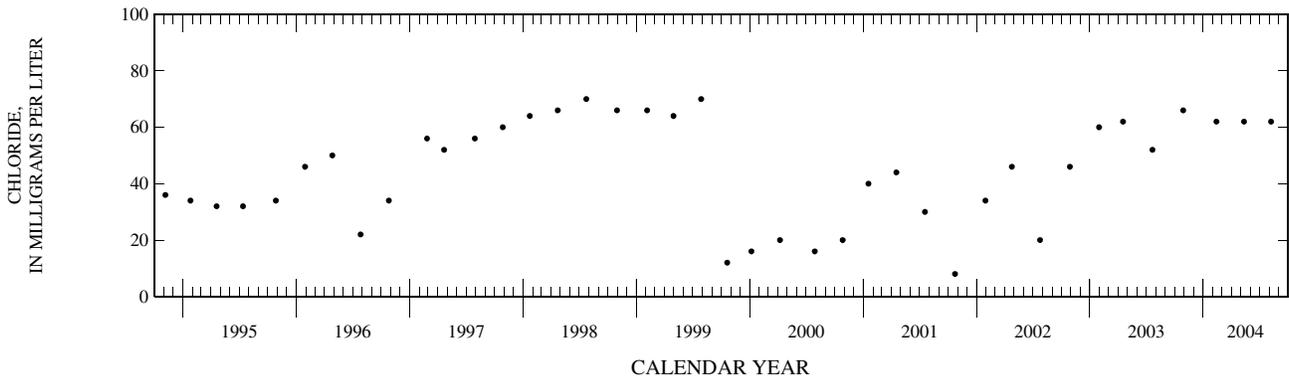
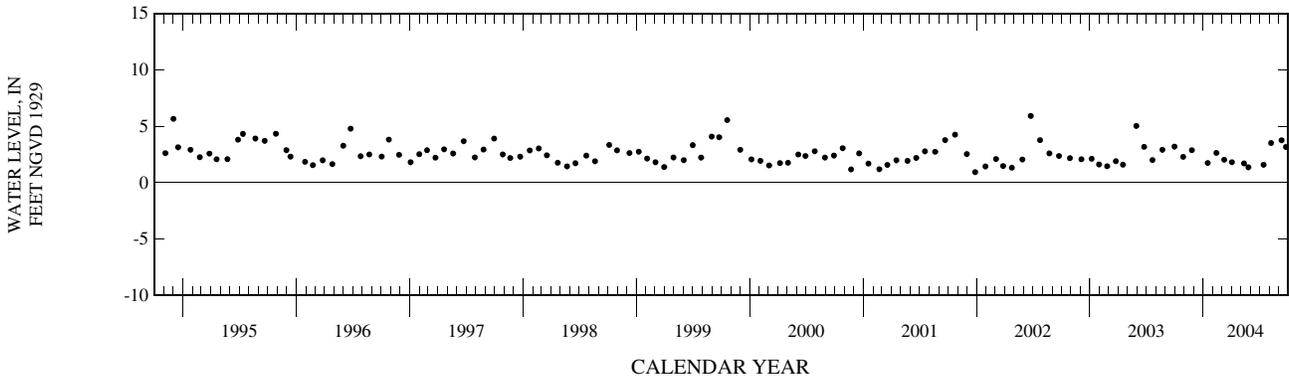
REMARKS.--Well also used for salinity monitoring. Salinity monitoring began in April 1967. Water-level monitoring began in October 1979.

PERIOD OF RECORD.--October 1979 (intermittent), November 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.92 ft NGVD, June 24, 2002 (corrected); lowest, 0.94 ft NGVD, Dec. 27, 2001.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 28...	1143	2.29	485	66.0	MAY 11...	1035	1.71	526	62.0
NOV 25...	0920	2.88	--	--	MAY 25...	1041	1.37	--	--
JAN 15...	1146	1.75	--	--	JUL 13...	1110	1.59	--	--
FEB 12...	1151	2.64	519	62.0	AUG 06...	1343	3.52	517	62.0
MAR 08...	1353	2.04	--	--	SEP 09...	1320	3.76	--	--
APR 02...	1322	1.82	--	--	SEP 23...	1308	3.17	--	--



BROWARD COUNTY—Continued

WELL NUMBER.--261122080083401. Local Number G 1232. USGS Observation Well in Fort Lauderdale, FL.

LOCATION.--Lat 26°11'21", long 80°08'49", in SE ¼ SW ¼ NE ¼ sec.15, T.49 S., R.42 E., Hydrologic Unit 03090202, 30 ft northwest from intersection at NE 1st Avenue and NE 51st Street in Brentwood Estates.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation water-table well, diameter 2 in., depth 205 ft, cased to 203 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 8.31 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 8.3 ft above NGVD.

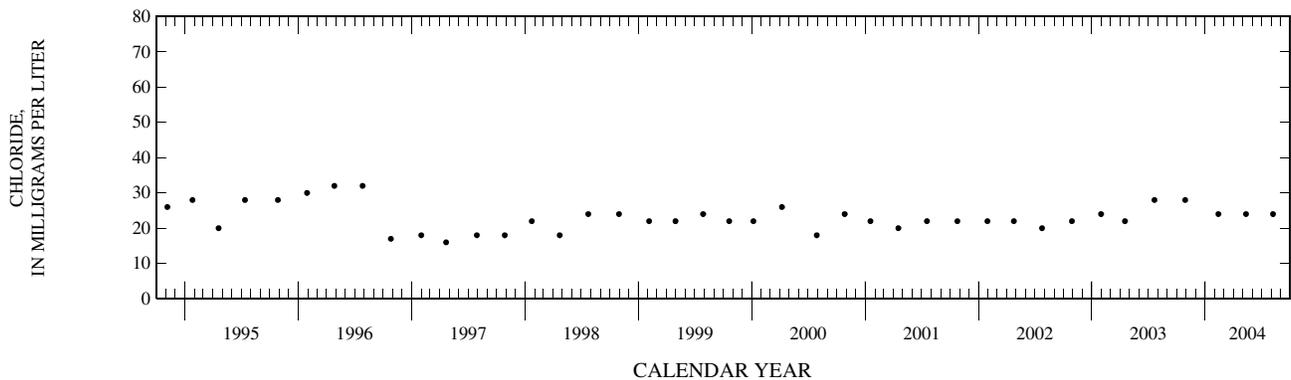
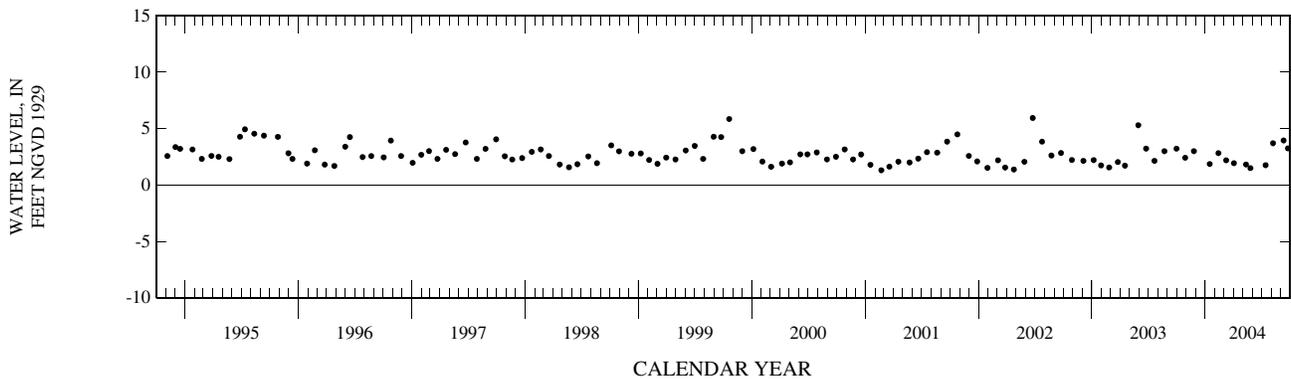
REMARKS.--Well also used for salinity monitoring. Salinity monitoring began in April 1964. Water-level monitoring began in November 1994. See PERIOD OF RECORD.

PERIOD OF RECORD.--April 1964 to September 1994 (intermittent), November 1994 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.93 ft NGVD, June 24, 2002; lowest, 1.30 ft NGVD, Feb. 21, 2001.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 28...	1106	2.41	384	28.0	MAY 11...	0934	1.81	410	24.0
NOV 25...	0910	2.99	--	--	MAY 25...	1031	1.49	--	--
JAN 15...	1231	1.85	--	--	JUL 13...	1050	1.75	--	--
FEB 12...	1225	2.82	405	24.0	AUG 06...	1417	3.70	403	24.0
MAR 08...	1337	2.18	--	--	SEP 09...	1339	3.94	--	--
APR 02...	1355	1.93	--	--	SEP 23...	1326	3.24	--	--



BROWARD COUNTY—Continued

WELL NUMBER.--261141080163401. Local Number G 2033. USGS Observation Well in Tamarac, FL.

LOCATION.--Lat 26°11'41", long 80°16'34", in SW ¼ SW ¼ SE ¼ sec.8, T.49 S., R.41 E., Hydrologic Unit 03090202, on east side of NW 94th Avenue, 0.1 mi north of Commercial Boulevard, 5.0 mi west of U.S. Highway 441, and 11.0 mi west of Pompano Beach.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 23 ft, cased to 21 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 13.06 ft above National Geodetic Vertical Datum of 1929. Prior to October 1, 1986, top of base was considered to be 14.29 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 11.0 ft above NGVD.

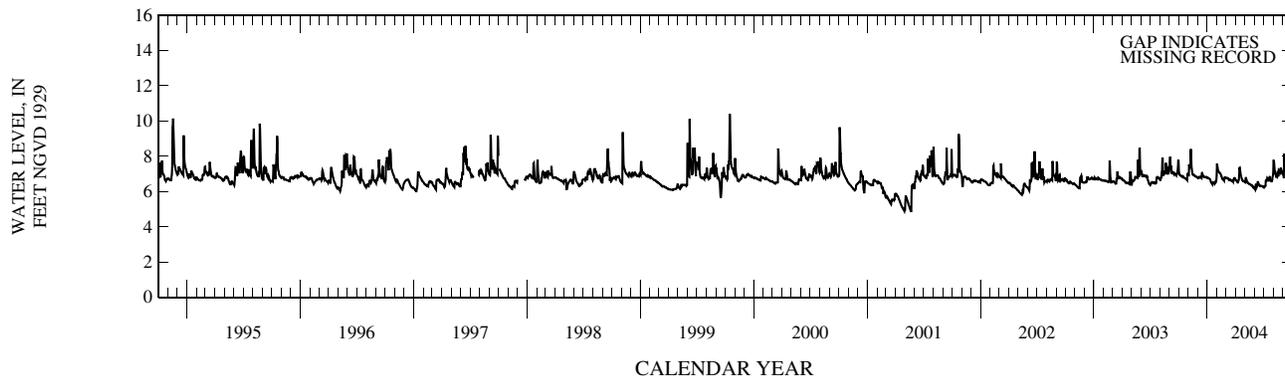
REMARKS.--The figures of water levels as elevation, in feet NGVD, prior to October 1, 1986 are in error. Corrected records are in the files of the U.S. Geological Survey. See DATUM. Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey. The well was originally open to the aquifer from 21 to 23 ft. The well casing has collapsed or become obstructed at a depth of 10 ft. The well is still in hydrologic communication with the aquifer. (Corrected).

PERIOD OF RECORD.--January 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.41 ft NGVD, Oct. 15, 1999; lowest, 4.85 ft NGVD, May 22, 2001.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.95	7.37	6.82	6.77	7.19	6.78	6.59	6.73	6.37	6.32	7.18	8.15
10	6.87	7.66	6.83	6.70	7.05	6.67	6.63	6.52	6.48	6.63	6.84	7.38
15	6.85	6.96	7.06	6.47	6.87	6.69	7.24	6.42	6.39	6.64	6.89	6.81
20	6.76	6.93	6.85	6.51	6.69	6.62	6.80	6.39	6.32	6.83	7.08	6.54
25	6.70	6.85	6.82	6.47	6.77	6.64	6.60	6.31	6.32	6.59	7.32	6.76
EOM	6.98	6.79	6.78	6.91	6.80	6.70	6.57	6.18	6.27	7.01	7.03	7.18
MAX	7.16	8.37	7.06	6.91	7.58	6.79	7.36	6.77	6.54	7.01	7.75	8.15



BROWARD COUNTY—Continued

WELL NUMBER.--261143080082901. Local Number G 1340. USGS Observation Well in Fort Lauderdale, FL.

LOCATION.--Lat 26°11'43", long 80°08'29", NE ¼ NE ¼ NW ¼ sec.15, T.49 S., R.42 E., Hydrologic Unit 03090902, on northwest corner of NE 55th Street and NE 4th Avenue in Brentwood Estates.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 217 ft, cased to 214 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.-- Measuring point: Top of casing, 6.63 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 6.6 ft above NGVD.

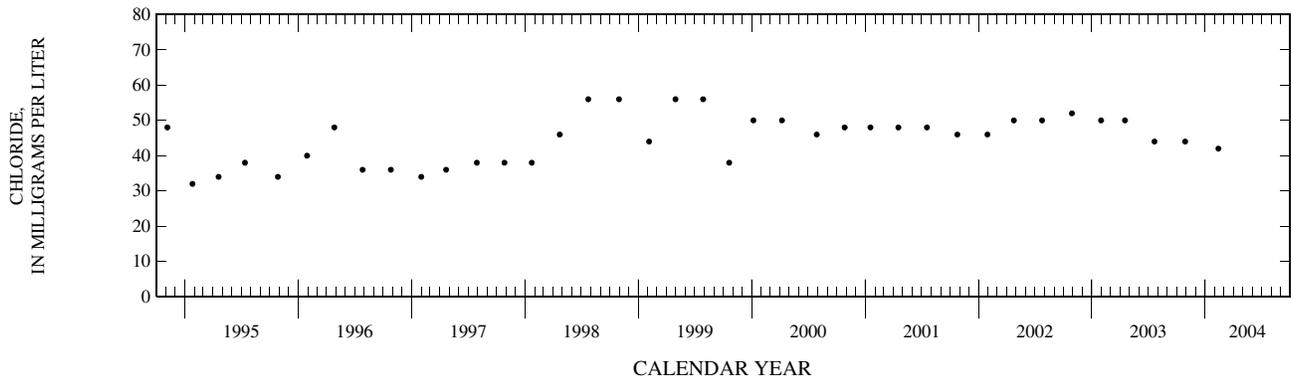
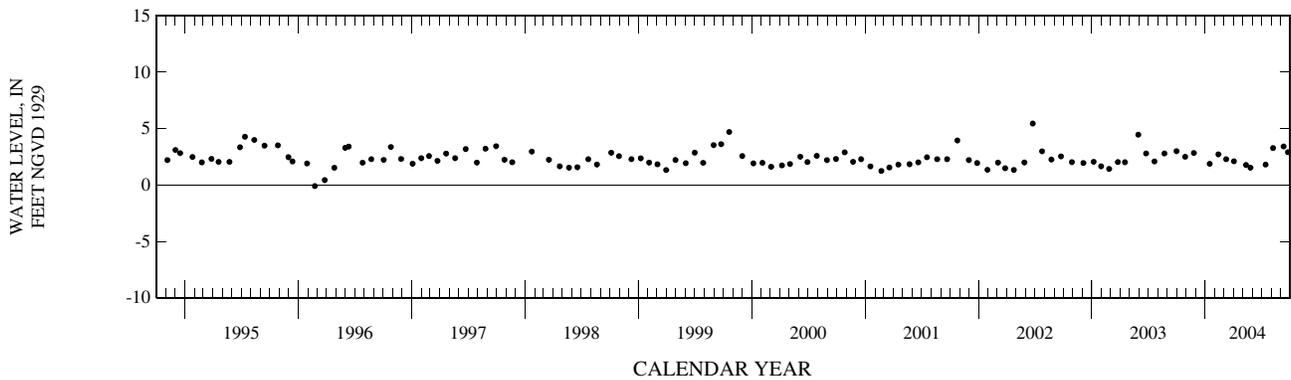
REMARKS.--Well was also used for salinity monitoring since 1968. Water level monitoring began in November 1994. The casing of the well has been found to have separated at a depth of 12.8 ft therefore monitoring at this well was discontinued in September 2004.

PERIOD OF RECORD.--February 1968 to July 1994 (intermittent), November 1994 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.44 ft NGVD, June 24, 2002; lowest, 0.10 ft below NGVD, Feb. 23, 1996.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 28...	1013	2.49	533	44.0	MAY 11...	1142	1.77	--	--
NOV 25...	0855	2.83	--	--	MAY 25...	0920	1.53	--	--
JAN 15...	1245	1.87	--	--	JUL 13...	1057	1.80	--	--
FEB 12...	1255	2.71	538	42.0	AUG 06...	1446	3.27	--	--
MAR 08...	1345	2.28	--	--	SEP 09...	1350	3.41	--	--
APR 02...	1403	2.10	--	--	SEP 23...	1341	2.90	--	--



BROWARD COUNTY—Continued

WELL NUMBER.--261147080114501. Local Number G 2395. USGS Observation Well near Lauderdale Lakes, FL.

LOCATION.--Lat 26°11'47", long 80°11'45", in SE 1/4 SE 1/4 SW 1/4 sec.7, T.49 S., R.42 E., Hydrologic Unit 03090202, on the west side of Hawkins Road, 0.25 mi north of Prospect Road and 0.75 mi east of U.S. Highway 441.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 73.0 ft, cased to 71 ft.

INSTRUMENTATION.--Electronic data logger with pressure transducer.

DATUM.--Measuring point: Top of shelter base, 12.47 ft above National Geodetic Vertical Datum of 1929. Prior to November 23, 1990, top of base was 12.05 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 9.5 ft above NGVD.

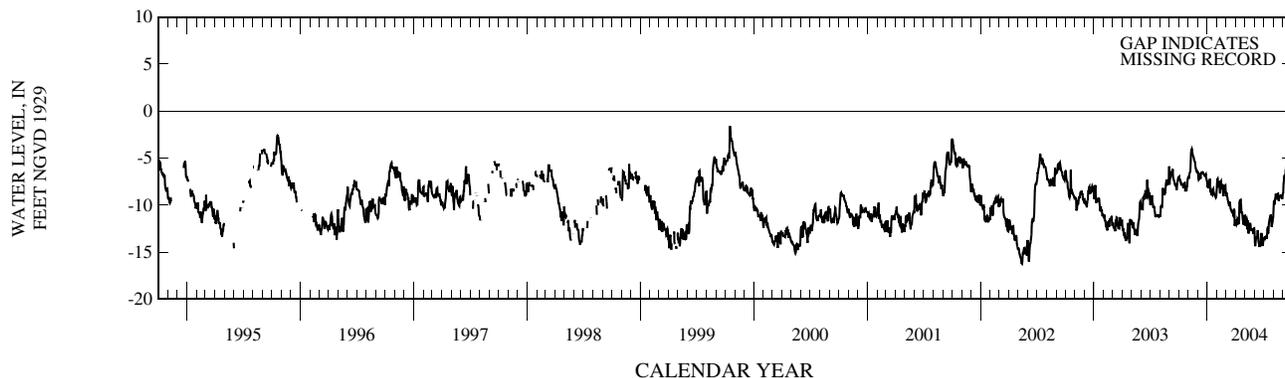
REMARKS.--The well was originally open to the aquifer from 71 to 73 ft. The casing has become obstructed or collapsed at a depth of 66 ft. Well was damaged and reconstructed November 23, 1990. (Corrected).

PERIOD OF RECORD.--February 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 0.82 ft below NGVD, Sept. 20, 1985; lowest, 16.25 ft below NGVD, May 14, 2002.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-7.38	-6.58	-7.24	-8.14	-7.98	-9.12	-11.99	-11.49	-13.70	-13.52	-9.93	-6.87
10	-7.73	-4.18	-7.19	-8.08	-8.62	-9.85	-11.97	-11.71	-12.97	-13.45	-8.97	-6.16
15	-8.08	-4.64	-6.49	-8.82	-7.78	-10.20	-9.48	-12.46	-14.12	-13.02	-8.80	-6.73
20	-7.63	-5.25	-6.69	-8.31	-8.01	-10.72	-10.87	-12.56	-14.30	-11.38	-9.18	-7.15
25	-8.45	-6.17	-6.85	-8.97	-8.28	-11.17	-11.75	-12.67	-13.20	-11.93	-8.95	-7.19
EOM	-7.06	-6.40	-7.44	-8.39	-8.69	-11.71	-11.13	-12.47	-13.61	-11.36	-8.75	-7.09
MAX	-6.94	-4.05	-6.44	-7.20	-7.19	-8.71	-9.45	-11.12	-12.65	-11.00	-8.73	-5.72



BROWARD COUNTY—Continued

WELL NUMBER.--261304080072501. Local Number G 2896. USGS Observation Well near Pompano Beach, FL.

LOCATION.--Lat 26°13'04", long 80°07'26", in NE ¼ SE ¼ sec. 2, T.49 S., R.42 E., Hydrologic Unit 03090202, at southwest corner of intersection of Cypress Road South and SW 9th Street, 56.5 ft southwest of the fire hydrant.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 100.5 ft, cased to 90.5 ft, screened 90.5 to 100.5 ft.

INSTRUMENTATION.--Quarterly measurement with chalked tape. See REMARKS.

DATUM.--Measuring point: Top of casing, 6.79 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 6.8 ft above NGVD.

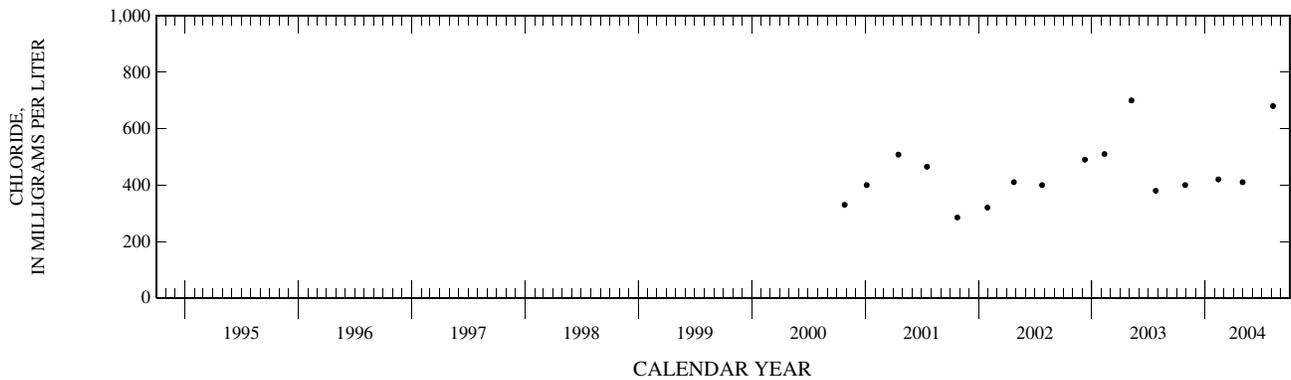
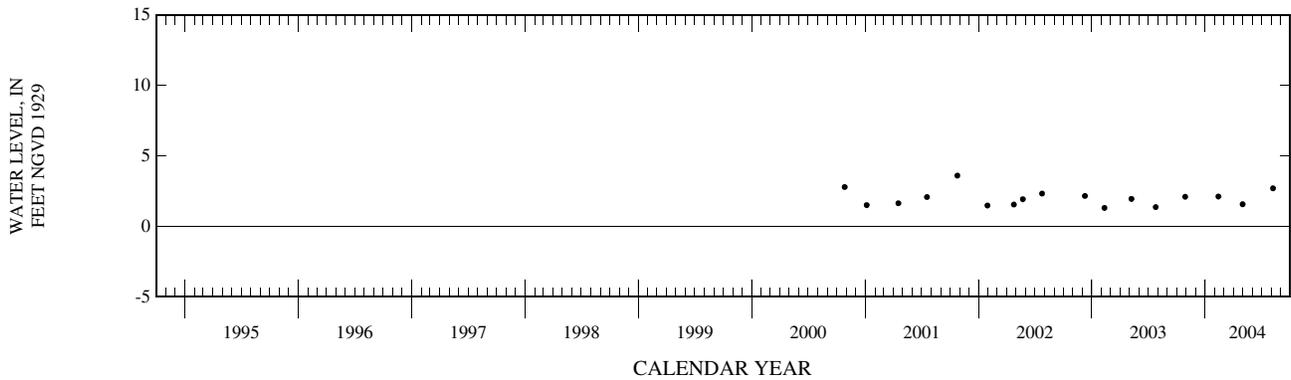
REMARKS.--Well is also monitored for salinity, including an annual induction log. Induction logs are used to assess the movement of the fresh-water/salt-water interface in ground water. See EXPLANATION OF THE RECORDS SECTION, RECORDS OF BULK CONDUCTIVITY in the front of the book. A calibration error was found to have affected some of the historical bulk conductivity logs collected by an induction logger. Bulk conductivity logs prior to the 2002 water year had been calibrated to a standard of 1,301 mS/m. For these calibrations an internal setting limited the probe response to 1,000 mS/m. Data for the affected years was corrected by applying a 0.7686 multiplier. Induction logging began in April 2000. Quarterly water-level measurements and salinity monitoring began in October 2000.

PERIOD OF RECORD.--April 2000 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.60 ft NGVD, Oct. 24, 2001; lowest, 1.31 ft NGVD, Feb. 10, 2003.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

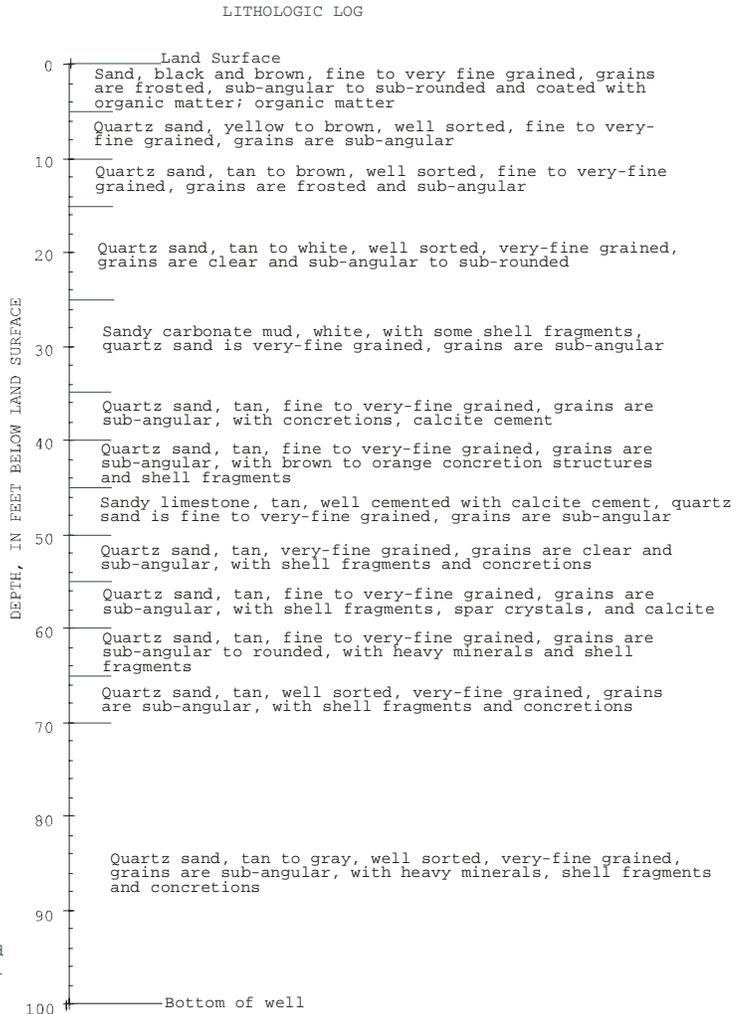
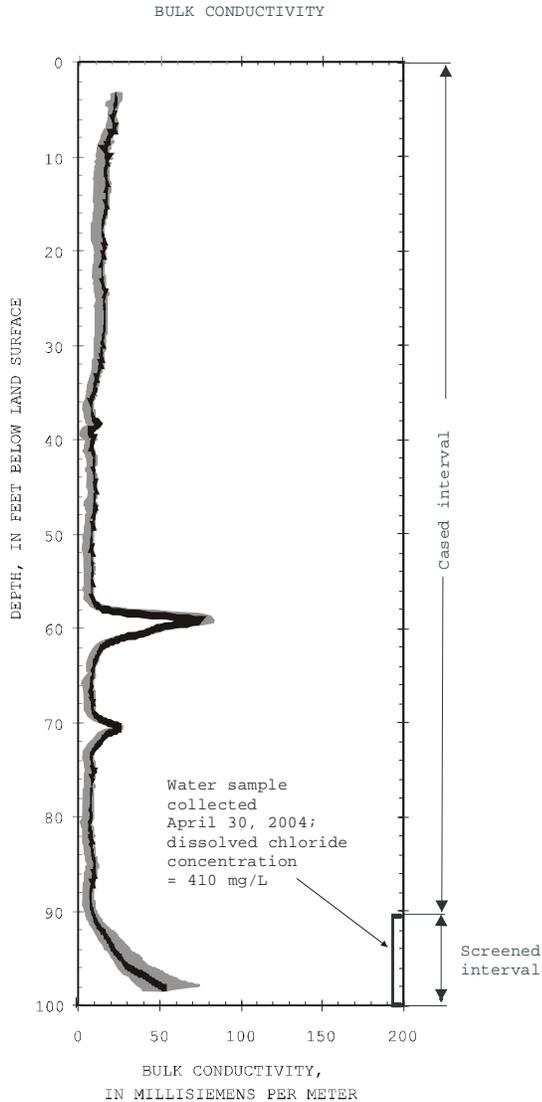
Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)
OCT 28...	0914	2.10	1,560	400	APR 30...	1110	1.57	1,850	410
FEB 12...	1351	2.12	1,750	420	AUG 06...	1503	2.70	2,450	680



BROWARD COUNTY—Continued

WELL NUMBER.--261304080072501. Local Number G 2896. USGS Observation Well near Pompano Beach, FL.-Continued

261304080072501 G-2896



Compiled and modified from the original lithologic description of Hydrologic Associates USA Inc., Miami, FL.

EXPLANATION

— Bulk conductivity, in millisiemens per meter, April 30, 2004

■ Shaded area represents range in bulk conductivity logs collected from April 19, 2000 to May 8, 2003

[Delimits the interval for which the well is open to the aquifer

BROWARD COUNTY—Continued

WELL NUMBER.--261403080070801. Local Number G 2149. USGS Observation Well in Pompano Beach, FL.

LOCATION.--Lat 26°14'02", long 80°07'09", in NE ¼ SE ¼ SE ¼ sec. 35, T.48 S., R.42 E., Hydrologic Unit 03090202, at the NW corner of NE 3rd Street and NE 5th Avenue, 8.8 ft from edge of street.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 137 ft.

INSTRUMENTATION.--Quarterly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 17.39 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 17.4 ft above NGVD.

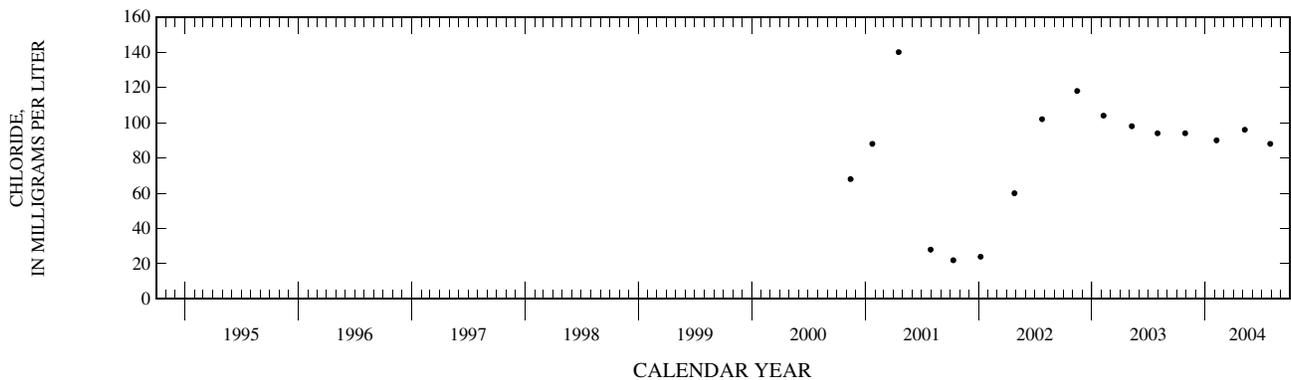
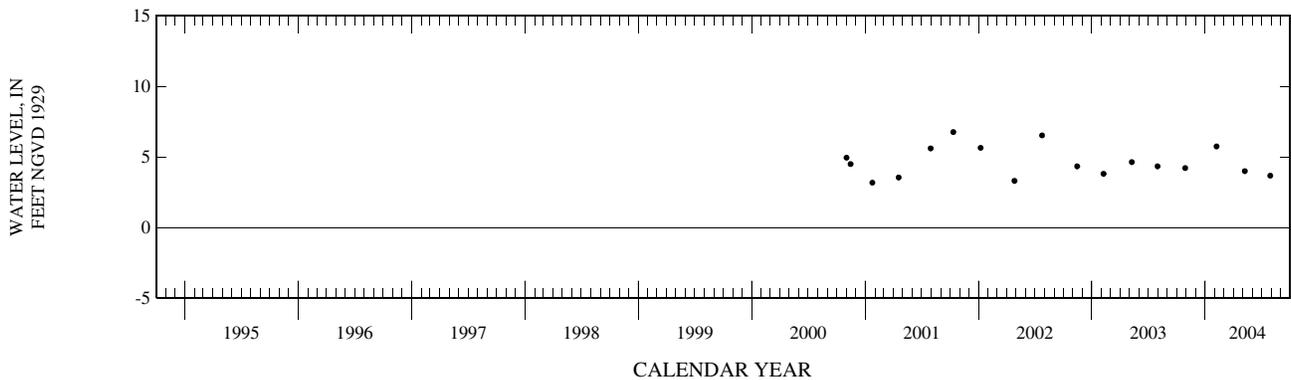
REMARKS.--Well is also used for salinity monitoring. Water-level monitoring began in April 1986, prior to that only salinity was monitored.

PERIOD OF RECORD.--October 1974 to April 1975 (quarterly), October 1975 to September 1977 (monthly), October 1977 to August 1993 (bimonthly), October 1993 to September 1994 (monthly), November 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.08 ft NGVD, Sept. 30, 1994; lowest, 0.51 ft NGVD, June 13, 1989.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 28...	0847	4.22	586	94.0	MAY 07...	1150	4.00	619	96.0
FEB 06...	1020	5.75	592	90.0	JUL 28...	1254	3.68	586	88.0



BROWARD COUNTY—Continued

WELL NUMBER.--261434080071901. Local Number G 853. USGS Observation Well in Pompano Beach, FL.

LOCATION.--Lat 26°14'34", long 80°07'19", in SW 1/4 NE 1/4 NE 1/4 sec.35, T.48 S., R.42 E., Hydrologic Unit 03090202, on north side of NE 12th Street, 200 ft west of NE 3rd Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 27 ft, cased to 27 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 22.25 ft above National Geodetic Vertical Datum of 1929. Prior to October 1, 1999, top of base was periodically considered to be 22.14 ft above NGVD. Prior to October 1996, measuring point was top of casing, 22.14 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 19.7 ft above NGVD.

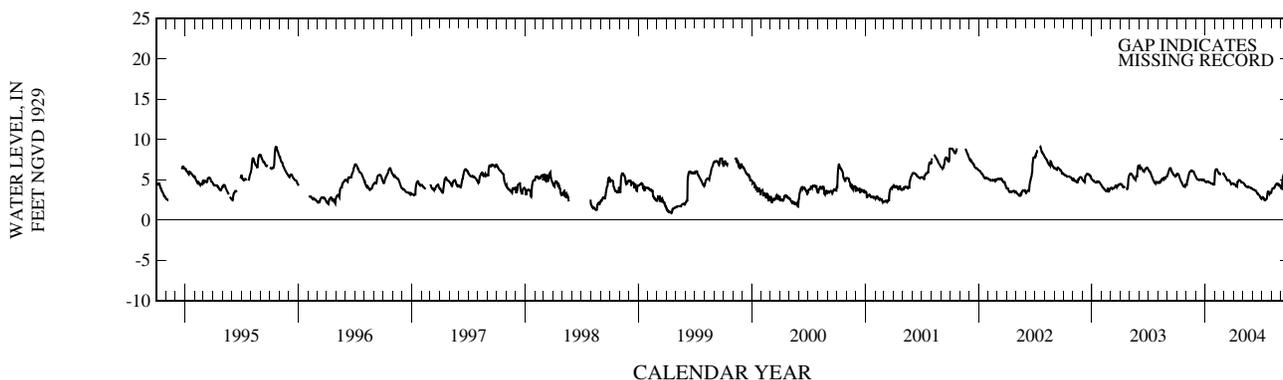
REMARKS.--The figures of water levels as elevation in feet NGVD, prior to October 1, 1998 are in error. Corrected records for the 1997-1999 water years are available in the files of the U.S. Geological Survey. See DATUM. Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--May 1958 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.49 ft NGVD, Oct. 31, 1964; lowest, 6.62 ft below NGVD, May 2, 1981.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.76	4.96	5.14	4.76	6.33	5.45	4.46	4.53	3.79	2.80	3.96	4.87
10	5.31	5.86	5.02	4.84	6.10	5.06	4.23	4.24	3.70	2.58	4.05	5.73
15	4.80	6.12	5.04	4.71	5.87	5.00	4.83	4.13	3.42	2.62	4.43	5.61
20	4.40	6.12	5.02	4.56	---	4.83	4.99	4.09	3.23	3.52	4.53	5.72
25	4.17	5.99	5.06	4.50	---	4.47	4.75	4.04	3.00	3.27	4.32	5.73
EOM	4.40	5.50	4.80	5.09	5.73	4.55	4.67	3.91	2.76	3.43	4.05	6.12
MAX	5.79	6.17	5.46	5.09	---	5.72	4.99	4.66	3.89	3.59	4.53	6.12



BROWARD COUNTY—Continued

WELL NUMBER.--261441080111301. Local Number G 1316. USGS Observation Well near Margate, FL.

LOCATION.--Lat 26°14'41", long 80°11'13", in SW 1/4 SE 1/4 SE 1/4 sec.30, T.48 S., R.42 E., Hydrologic Unit 03090202, at the northwest corner of Lyons Road and Coconut Creek Parkway, 1.0 mi east of Margate.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 15.5 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 17.07 ft above National Geodetic Vertical Datum of 1929. Prior to November 1997, top of base was 17.08 ft above NGVD. Prior to September 19, 1991, measuring point was top of casing 17.10 ft above NGVD. Prior to September 25, 1985, top of casing was 17.62 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 15.2 ft above NGVD.

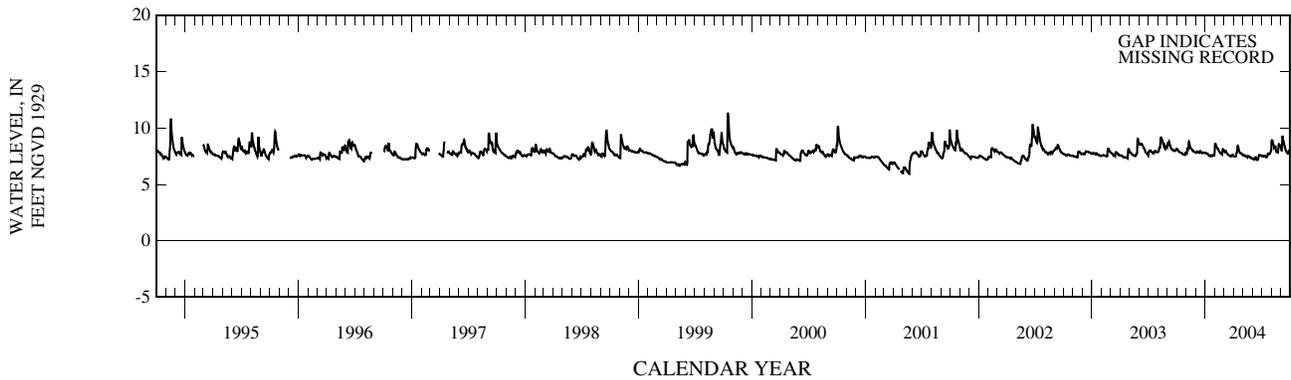
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey. Station was reconstructed on September 30, 1985, September 19, 1991, November 5, 1997.

PERIOD OF RECORD.--April 1969 to October 1979 (daily), October 1979 to October 1983 (intermittent), February 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.35 ft NGVD, Oct. 15, 1999; lowest, 5.93 ft NGVD, May 22, 2001.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.03	8.12	7.87	7.76	8.46	7.99	7.47	7.60	7.24	7.52	8.70	9.24
10	7.87	8.72	7.81	7.69	8.13	7.79	7.77	7.50	7.40	7.55	8.28	8.69
15	7.78	8.22	7.95	7.52	7.88	7.61	8.39	7.39	7.17	7.40	8.04	8.11
20	7.68	8.04	7.79	7.59	7.79	7.52	7.87	7.49	7.32	7.71	7.87	7.79
25	7.62	7.90	7.82	7.53	7.91	7.53	7.76	7.37	7.61	7.67	8.58	7.82
EOM	7.79	7.83	7.77	7.94	8.04	7.54	7.59	7.30	7.51	7.98	8.19	7.88
MAX	8.14	8.77	7.95	7.94	8.60	7.99	8.40	7.61	7.61	7.98	8.92	9.24



BROWARD COUNTY—Continued

WELL NUMBER.--261446080062801. Local Number G 2445. USGS Observation Well in Pompano Beach, FL.

LOCATION.--Lat 26°14'46", long 80°06'28", in NE 1/4 NW 1/4 NE 1/4 sec. 36, T.48 S., R.42 E., Hydrologic Unit 03090202, in the southeast corner of the Pompano Beach Airport, 0.3 mi north of NE 10th Street, 0.4 mi west of U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 138 ft, cased to 123 ft.

INSTRUMENTATION.--Quarterly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 15.54 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 13.4 ft above NGVD.

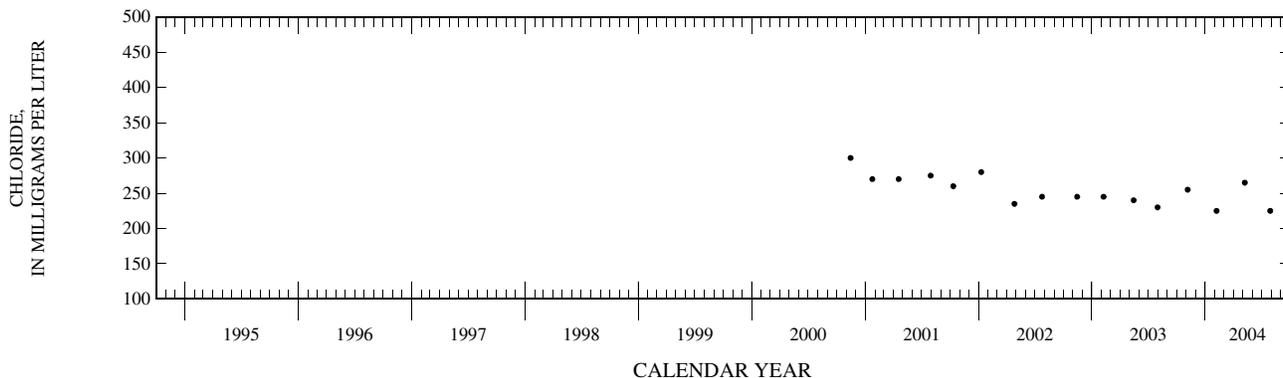
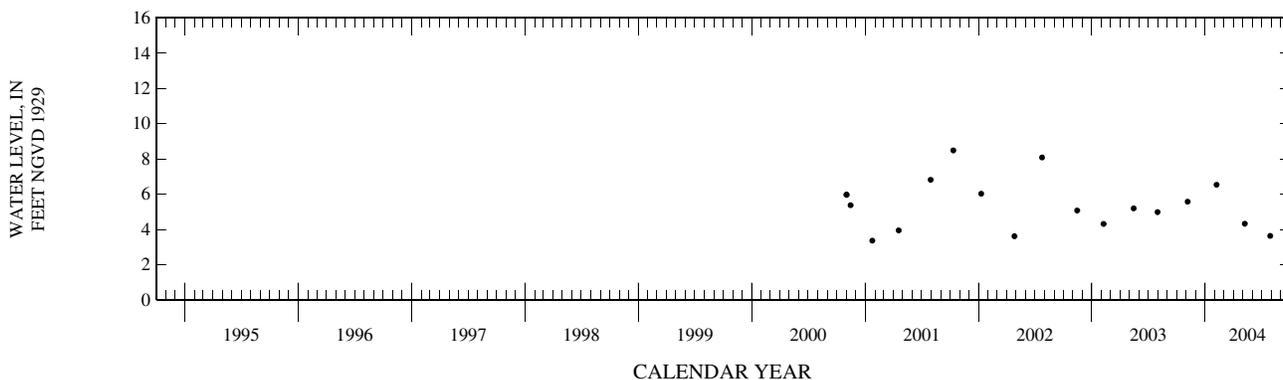
REMARKS.--Well is also used for salinity monitoring. Prior to November 2000 only chloride data published. Well depth and cased depth corrected based on borehole video log of November 28, 1995. Land-surface datum corrected based on field measurement in February 2003.

PERIOD OF RECORD.--November 1986 to July 1994 (intermittent), November 2000 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.49 ft NGVD, Oct. 11, 2001; lowest, 3.37 ft NGVD, Jan. 23, 2001.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm (00095)	Chlor-ide, water, fltrd, mg/L (00940)
NOV 05...	0920	5.58	1,290	255	MAY 07...	1048	4.33	1,290	265
FEB 06...	0940	6.54	1,260	225	JUL 28...	0953	3.64	1,280	225



BROWARD COUNTY—Continued

WELL NUMBER.--261501080060701. Local Number G 2147. USGS Observation Well in Pompano Beach, FL.

LOCATION.--Lat 26°15'01", long 80°06'07", in NW ¼ SW ¼ SW ¼ sec.30, T.48 S., R.43 E., Hydrologic Unit 03090202, 200 ft west of U.S. Highway 1, and 300 ft north of NE 14th Street, in golf course.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 46 ft.

INSTRUMENTATION.--Satellite data collection platform.

DATUM.--Measuring point: Top of base, 11.62 ft above National Geodetic Vertical Datum of 1929. Prior to September 1990, measuring point was top of casing 11.57 ft above NGVD.

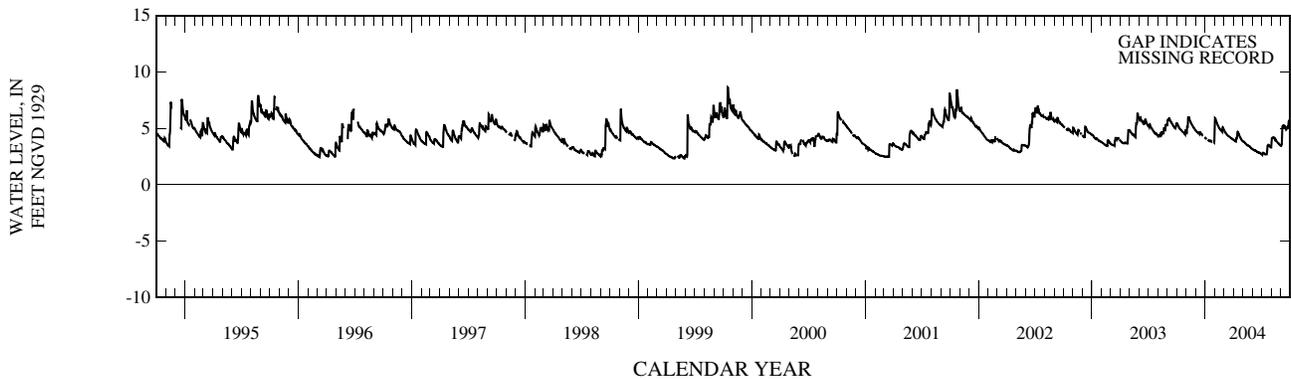
LAND-SURFACE DATUM.--Land surface is approximately 9.1 ft above NGVD.

PERIOD OF RECORD.--October 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.63 ft NGVD, Oct. 15, 1999; lowest, 1.02 ft below NGVD, May 5, 1981.

ELEVATION ABOVE NGVD 1929, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.28	5.12	4.67	4.04	5.66	4.64	3.89	3.80	3.09	2.83	4.18	5.10
10	5.00	5.88	4.60	3.99	5.28	4.48	4.14	3.63	3.04	2.73	4.13	5.17
15	4.85	5.53	4.66	3.88	5.01	4.33	4.67	3.50	2.94	2.70	3.93	5.06
20	4.68	5.27	4.46	3.88	4.84	4.22	4.35	3.44	2.84	3.51	3.78	5.03
25	4.56	5.03	---	---	5.01	4.10	4.07	3.31	2.82	3.46	3.63	5.45
EOM	4.73	4.85	4.19	4.90	4.92	4.00	3.87	3.18	2.70	3.31	3.46	5.60
MAX	5.46	5.99	---	---	5.92	4.86	4.70	3.85	3.16	3.55	4.19	5.68



BROWARD COUNTY—Continued

WELL NUMBER.--261534080165801. Local Number G 2031. USGS Observation Well in Coral Springs, FL.

LOCATION.--Lat 26°15'34", long 80°16'58", in SE 1/4 SE 1/4 SE 1/4 sec.19, T.48 S., R.41 E., Hydrologic Unit 03090202, on west side of Coral Springs Drive, 150 ft north of Royal Palm Boulevard and 4.0 mi west of U.S. Highway 441.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 22 ft, cased to 21 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 13.67 ft above National Geodetic Vertical Datum of 1929. Prior to October 1995, measuring point was top of casing, 13.57 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 12.6 ft above NGVD.

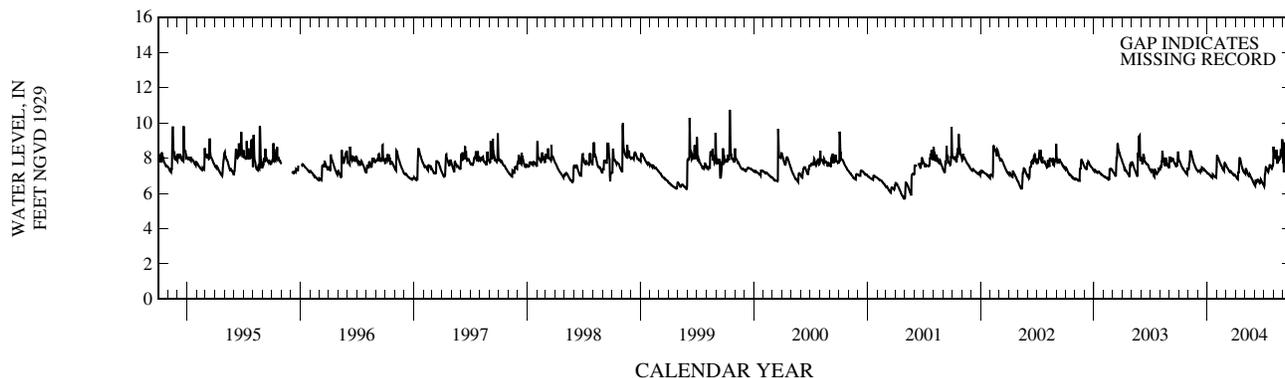
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey. The well was originally open to the aquifer from 21 to 22 ft. The well has become obstructed at a depth of 12.5 ft, but is in hydrologic communication with the aquifer. (Corrected).

PERIOD OF RECORD.--January 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.96 ft NGVD, Apr. 25, 1979; lowest, 4.75 ft NGVD, estimated, Sept. 5, 1979.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.79	7.79	7.29	7.11	7.98	7.47	6.88	7.38	6.70	7.11	8.42	8.89
10	7.55	8.29	7.31	7.03	7.75	7.33	7.19	7.13	6.78	7.42	8.47	7.69
15	7.40	7.93	7.45	6.91	7.58	7.20	7.99	6.97	6.67	7.23	7.81	7.85
20	7.26	7.66	7.35	7.05	7.39	7.16	7.61	6.93	6.68	7.60	7.93	7.87
25	7.13	7.43	7.30	6.94	7.70	7.04	7.31	6.75	6.66	7.46	8.36	7.30
EOM	7.34	7.29	7.17	7.50	7.64	7.03	7.17	6.52	6.48	7.67	7.99	8.10
MAX	7.86	8.44	7.47	7.50	8.13	7.60	8.00	7.39	6.79	7.67	9.07	8.89



BROWARD COUNTY—Continued

WELL NUMBER.--261641080064801. Local Number G 2866. USGS Observation Well in Pompano Beach, FL.

LOCATION.--Lat 26°16'41", long 80°06'48", in NE ¼ SE ¼ SW ¼ sec.13, T.48 N., R.42 E., Hydrologic Unit 03090202, on the southwest corner of North Dixie Highway and NE 38th Court.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft, cased to 15 ft, screened 15 to 20 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 20.21 ft above National Geodetic Vertical Datum of 1929. Prior to May 31, 2000, measuring point was 20.11 ft above NGVD.

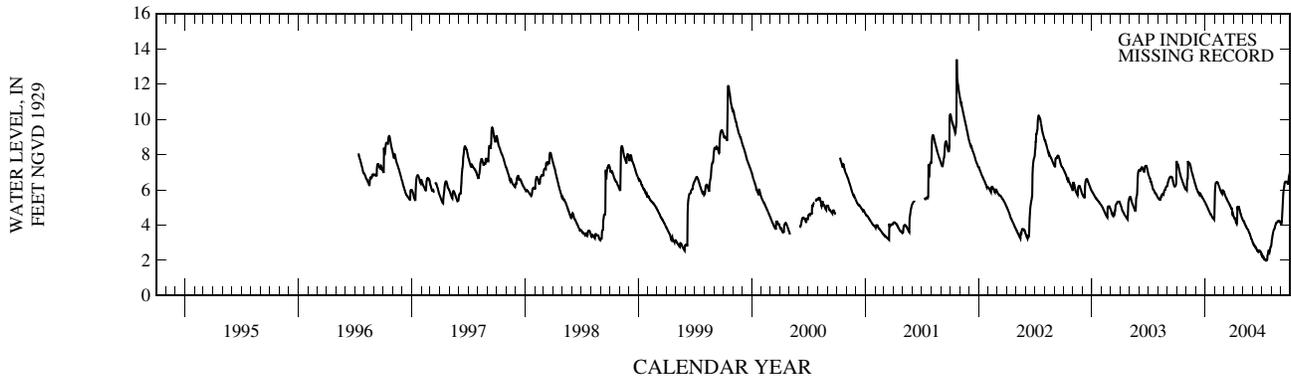
LAND-SURFACE DATUM.--Land surface is approximately 17.2 ft above NGVD.

PERIOD OF RECORD.--July 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.40 ft NGVD, Oct. 22, 2001; lowest, 1.99 ft NGVD, July 14, 16, 2004.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.44	6.62	6.03	5.11	6.42	5.67	4.34	4.15	2.91	2.22	3.48	4.86
10	7.02	7.52	5.85	4.93	6.41	5.49	4.11	3.99	2.78	2.05	3.79	6.08
15	6.69	7.28	5.80	4.72	6.16	5.31	4.99	3.79	2.57	2.00	4.06	6.46
20	6.43	6.92	5.64	4.57	5.93	5.13	4.91	3.62	2.47	2.33	4.19	6.42
25	6.20	6.60	5.49	4.40	5.92	4.97	4.57	3.39	2.52	2.47	4.24	6.54
EOM	6.06	6.29	5.29	5.09	5.92	4.56	4.32	3.11	2.33	2.82	4.11	7.10
MAX	7.47	7.64	6.24	5.25	6.44	5.90	5.06	4.28	3.07	2.82	4.24	7.10



BROWARD COUNTY—Continued

WELL NUMBER.--261643080055901. Local Number G 2752. USGS Observation Well near Hillsboro Beach, FL.

LOCATION.--Lat 26°16'43", long 80°05'59", in NE 1/4 SW 1/4 SW 1/4 sec. 18, T.48 S., R.43 E., Hydrologic Unit 03090202, on southeastern corner of NE 39th Street and NE 18th Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 253 ft, cased to 248 ft.

INSTRUMENTATION.--Quarterly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 11.35 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 12.0 ft above NGVD. (Corrected).

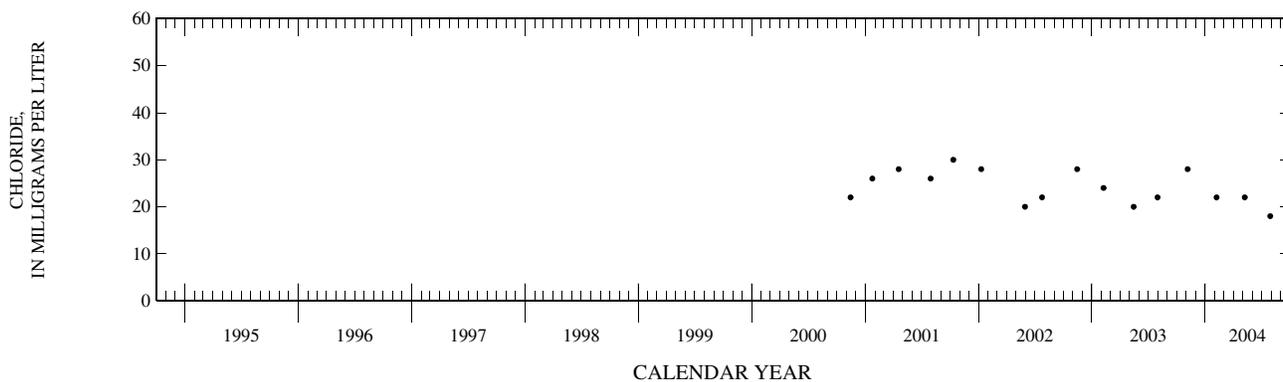
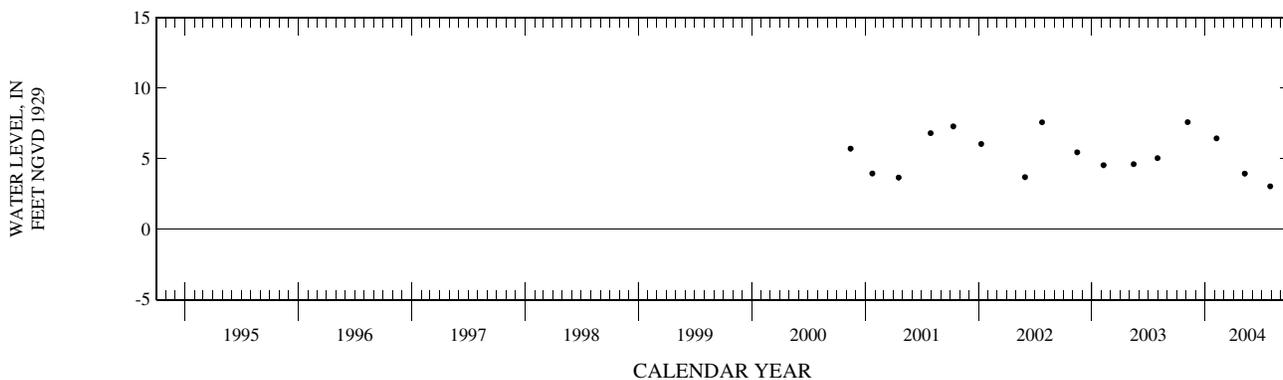
REMARKS.--Well is also monitored for salinity.

PERIOD OF RECORD.--November 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.60 ft NGVD, Nov. 5, 2003; lowest, 3.05 ft NGVD, July 28, 2004.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat un f uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat un f uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)
NOV 05...	1145	7.60	427	28.0	MAY 07...	1240	3.95	437	22.0
FEB 06...	1050	6.45	429	22.0	JUL 28...	1030	3.05	427	18.0



BROWARD COUNTY—Continued

WELL NUMBER.--261708080090801. Local Number G 1315. USGS Observation Well near Pompano Beach, FL.

LOCATION.--Lat 26°17'08", long 80°09'08", in SW 1/4 NW 1/4 NW 1/4 sec.15, T.48 S., R.42 E., Hydrologic Unit 03090202, 50 ft east of Powerline Road, 0.8 mi north of Sample Road, and 2.3 mi northeast of Coconut Creek.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 14 ft.

REVISED RECORDS.--WDR FL-85-2B: 1982.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of casing, 17.59 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 15.4 ft above NGVD.

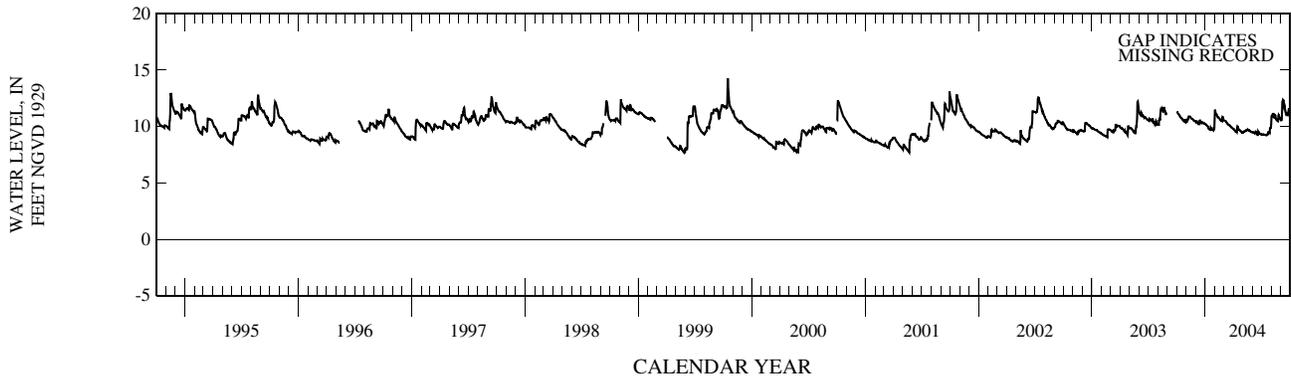
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--January 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.27 ft NGVD, Oct. 15, 1999; lowest, 6.26 ft NGVD, Mar. 30, 1990.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.13	10.57	10.43	10.09	11.08	10.49	9.64	9.52	9.44	9.29	11.09	12.17
10	10.97	10.88	10.32	9.94	10.81	10.33	9.54	9.58	9.53	9.26	10.78	12.03
15	10.73	10.76	10.52	9.73	10.70	10.14	9.84	9.71	9.30	9.23	10.70	11.29
20	10.56	10.67	10.40	9.73	10.54	10.07	9.66	9.65	9.50	9.32	10.49	11.08
25	10.46	10.51	10.33	9.68	10.85	9.90	9.54	9.56	9.35	9.42	10.97	11.37
EOM	10.45	10.45	10.22	10.73	10.58	9.78	9.47	9.47	9.26	10.21	10.54	11.60
MAX	---	10.88	10.60	10.73	11.48	10.53	10.01	9.73	9.55	10.21	11.11	12.34



BROWARD COUNTY—Continued

WELL NUMBER.--261724080054603. Local Number G 2694. USGS Observation Well near Pompano Beach, FL.

LOCATION.--Lat 26°17'24", long 80°05'46", in SE 1/4 SE 1/4 SW 1/4 sec. 7, T.48 S., R.43 E., Hydrologic Unit 03090202, on southeastern corner of NE 49 Street and NE 19 Terrace. (Corrected).

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 229 ft.

REVISED RECORDS.--WDR FL-02-2B: 2002. Data published was in error. See REMARKS.

INSTRUMENTATION.--Quarterly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 8.78 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 9.4 ft above NGVD. (Corrected).

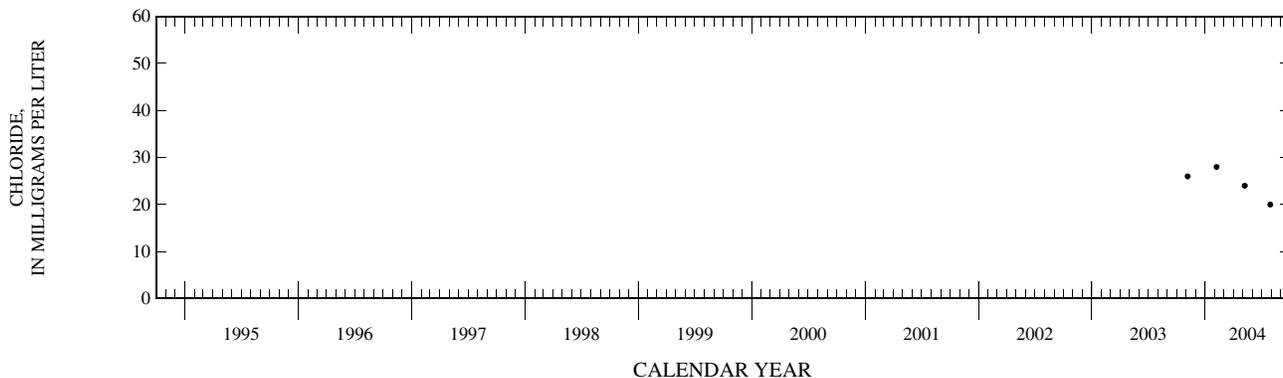
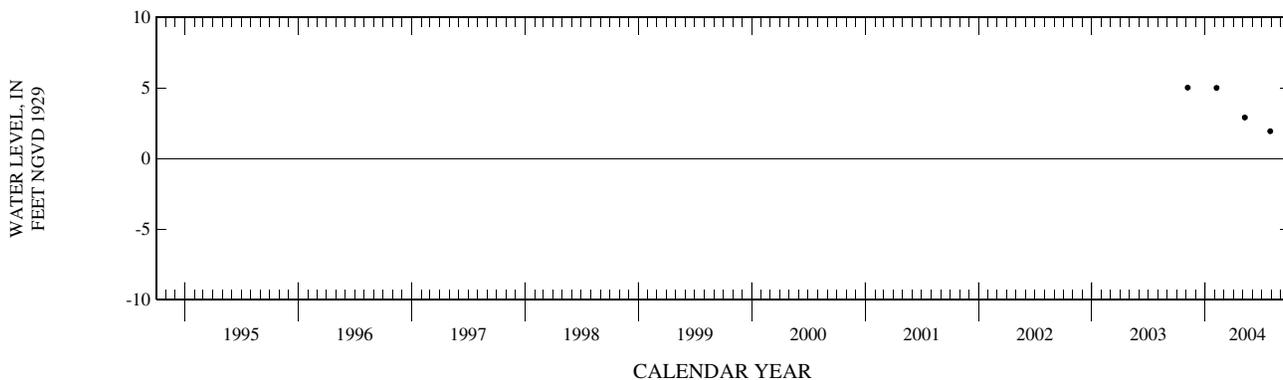
REMARKS.--Well is also used for salinity monitoring. Data published for well G-2694 for the 2000 to 2002 water years was in error. These samples and the samples for the 2003 water year were mistakenly collected from well G-2693 because of an error on a site map. This data has been corrected and moved to the files of the U.S. Geological Survey for well G-2693.

PERIOD OF RECORD.--October 2003 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.03 ft NGVD, Nov. 5, 2003; lowest, 1.94 ft NGVD, July 28, 2004. See REMARKS.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)
NOV 05...	0845	5.03	337	26.0	MAY 07...	0944	2.91	341	24.0
FEB 06...	0838	5.01	340	28.0	JUL 28...	1140	1.94	317	20.0



BROWARD COUNTY—Continued

WELL NUMBER.--26173408011301. Local Number G 1213. USGS Observation Well near Pompano Beach, FL.

LOCATION.--Lat 26°17'34", long 80°11'13", in SE ¼ NE ¼ SE ¼ sec.7, T.48 S., R.42 E., Hydrologic Unit 03090202, at southwest corner of Wilburn Road and Lyons Road, 1.0 mi east of U.S. Highway 441, and 7.5 mi northwest of Pompano Beach.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 15 ft, cased to 12 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of casing, 20.22 ft above National Geodetic Vertical Datum of 1929. Prior to December 2, 1997, measuring point was top of shelf, 20.60 ft above NGVD. Prior to October 12, 1990, top of shelf was 20.48 ft above NGVD. Prior to July 20, 1987, (previous Well) measuring point was top of casing 17.89 ft above NGVD. Prior to September 1980, top of casing was 17.95 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 18.3 ft above NGVD.

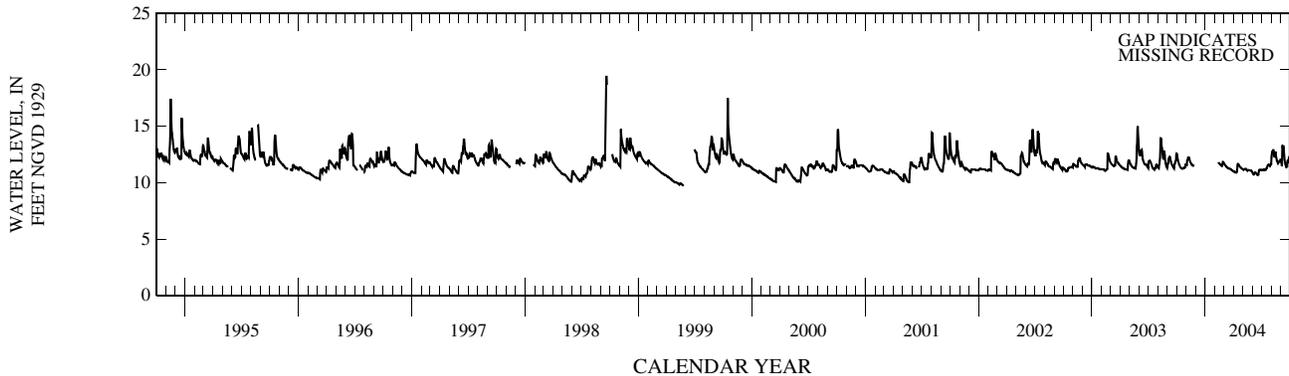
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey. This well replaces a 20 ft deep well in the vicinity that was abandoned in 1987. The well name and number were retained for the replacement well. The well is open to the aquifer to a depth of 14.6 ft. In 2003, the well was incorrectly reported as obstructed. The well was damaged and repaired December 1997, January 9, 2002. (Corrected).

PERIOD OF RECORD.--January 1963 to July 1987, (previous well); current well, July 1987 to current year. See REMARKS.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.38 ft NGVD, Sept. 19, 20, 1998; lowest, 9.39 ft NGVD, June 29, 1989.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.95	12.02	---	---	---	11.54	10.92	11.19	10.71	11.11	12.81	13.26
10	11.52	12.18	---	---	---	11.38	10.94	11.18	10.87	11.13	12.32	12.75
15	11.29	11.73	---	---	11.69	11.27	11.65	11.04	10.74	11.23	12.39	11.58
20	11.22	11.55	---	---	11.54	11.23	11.46	11.10	10.70	11.54	11.84	11.44
25	11.28	11.48	---	---	11.64	11.12	11.30	11.07	11.14	11.52	11.87	11.71
EOM	11.61	---	---	---	11.76	11.00	11.19	10.94	11.12	11.65	11.97	11.91
MAX	12.54	---	---	---	---	11.70	11.65	11.20	11.14	11.65	12.87	13.26



BROWARD COUNTY—Continued

WELL NUMBER.--261740080054101. Local Number G 2893. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°17'40", long 80°05'41", in SW 1/4 NW 1/4 SE 1/4 sec.7, T.48 S., R.43 E., Hydrologic Unit 03090202, on NE 52nd Street, 200 ft east of U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 176 ft, cased to 166 ft.

INSTRUMENTATION.--Quarterly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 7.77 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 7.8 ft above NGVD.

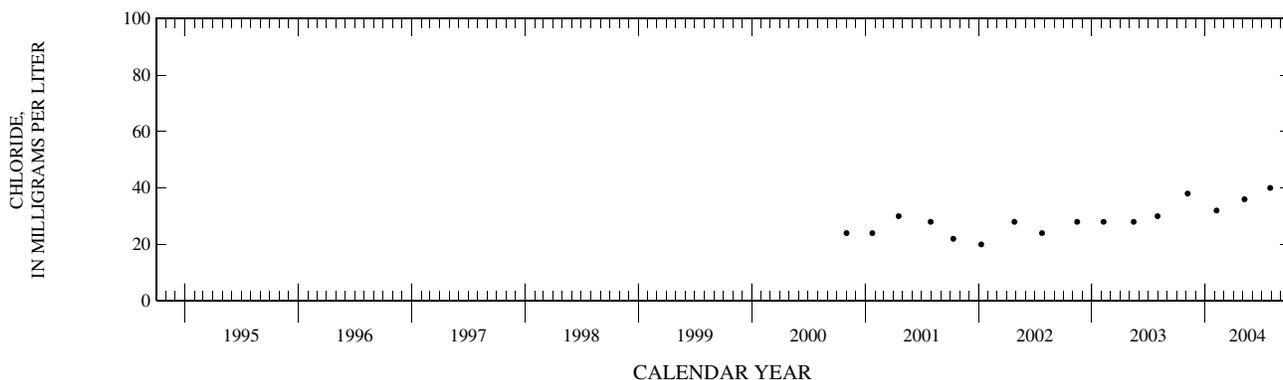
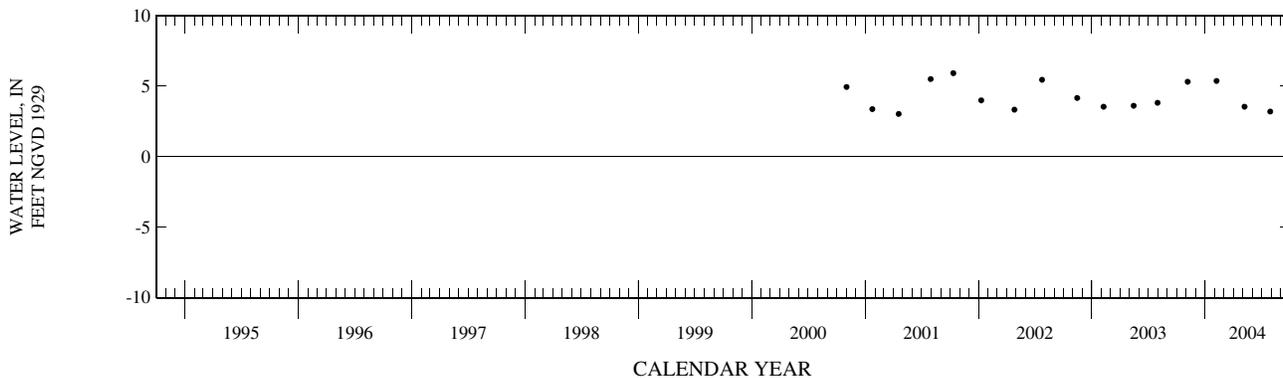
REMARKS.--Well is also used for salinity monitoring.

PERIOD OF RECORD.--November 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.93 ft NGVD, Oct. 11, 2001; lowest, 3.04 ft NGVD, Apr. 18, 2001.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)
NOV 05...	0802	5.32	344	38.0	MAY 06...	1540	3.55	376	36.0
FEB 06...	0740	5.38	363	32.0	JUL 28...	1215	3.21	382	40.0



BROWARD COUNTY—Continued

WELL NUMBER.--261831080151301. Local Number G 2739. USGS Observation Well in Parkland, FL.

LOCATION.--Lat 26°18'31", long 80°15'13", in NE 1/4 SE 1/4 sec.4, T.48 S., R.41 E., Hydrologic Unit 03090202, east of University Drive and north of fenced area across from The Landings, 0.5 mi north of Sawgrass Expressway and 0.1 mi south of Holmberg Road.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 21 ft, cased to 21 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of shelf, 15.06 ft above National Geodetic Vertical Datum of 1929.

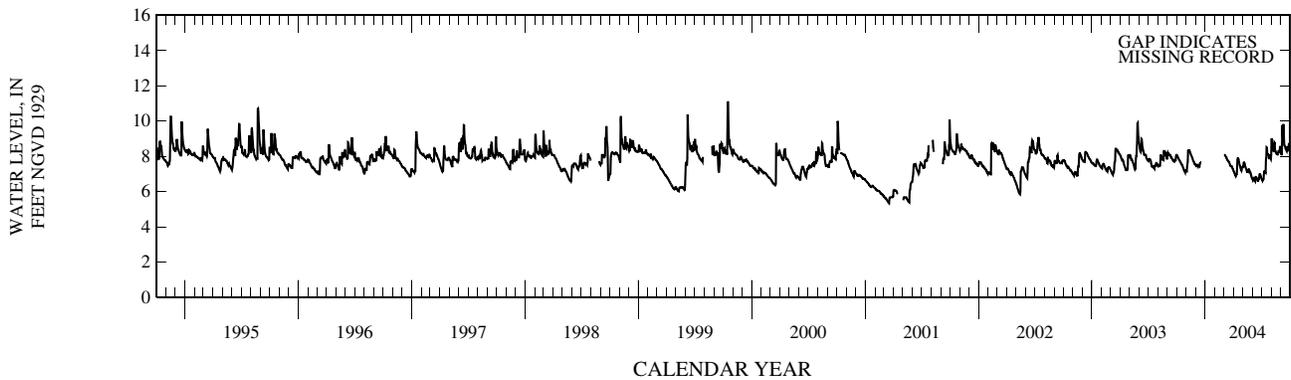
LAND-SURFACE DATUM.--Land surface is approximately 12.3 ft above NGVD.

PERIOD OF RECORD.--December 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.11 ft NGVD, Oct. 15, 1999; lowest, 5.34 ft NGVD, Mar. 18, 2001.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.94	7.69	7.52	---	---	8.05	7.00	7.65	6.75	6.70	8.35	9.77
10	7.76	8.33	7.47	---	---	7.88	6.97	7.38	6.82	7.15	8.79	9.19
15	7.60	8.12	7.61	---	---	7.72	7.89	7.08	6.75	7.89	8.22	8.43
20	7.42	7.92	---	---	---	7.56	7.57	7.27	6.71	8.13	8.12	8.38
25	7.19	7.69	---	---	---	7.44	7.23	7.08	6.99	8.07	8.25	8.50
EOM	7.20	7.54	---	---	---	7.23	7.40	6.74	6.73	8.09	8.22	8.54
MAX	8.08	8.34	---	---	---	8.08	7.89	7.66	6.99	8.51	8.97	9.83



BROWARD COUNTY—Continued

WELL NUMBER.--261903080065601. Local Number G 1260. USGS Observation Well in Deerfield Beach, FL.

LOCATION.--Lat 26°19'03", long 80°06'56", in SW ¼ NE ¼ NW ¼ sec.1, T.48 S., R.42 E., Hydrologic Unit 03090202, on southeast side of the intersection of State Road 810 and U.S. Interstate 95 at Deerfield Beach, 0.9 mi west of Florida East Coast Railroad.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 90 ft.

INSTRUMENTATION.--Satellite data collection platform.

DATUM.--Measuring point: Top of casing, 12.21 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 10.9 ft above NGVD.

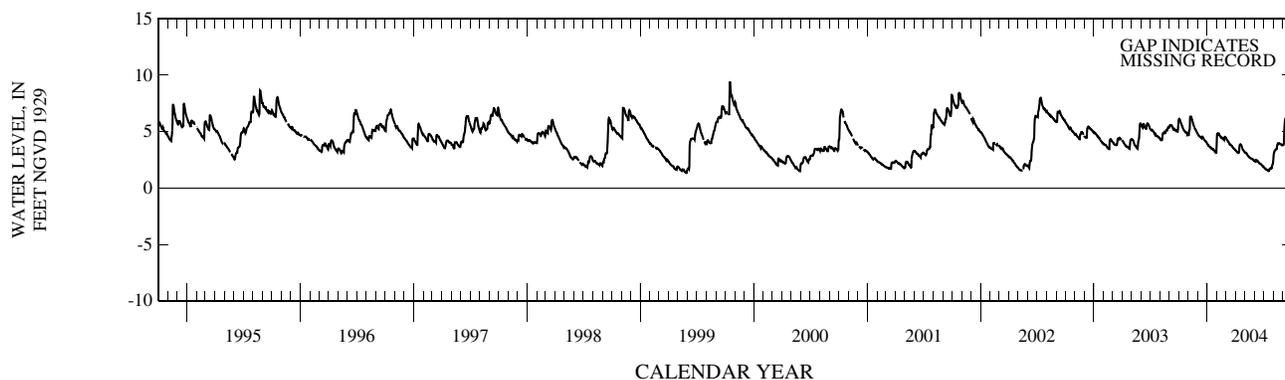
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--January 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured (from high-water mark), 13.02 ft NGVD, Oct. 31, 1965; lowest daily maximum water level, 0.71 ft below NGVD, June 20, 23, 1989.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.03	5.17	4.63	3.75	4.78	4.21	3.20	3.11	2.47	1.71	3.27	5.17
10	5.59	6.30	4.48	3.62	4.63	4.04	3.13	2.89	2.41	1.62	3.45	6.18
15	5.25	5.83	4.56	3.47	4.48	3.83	3.85	2.71	2.25	1.51	3.93	6.01
20	5.01	5.39	4.35	3.41	4.41	3.69	3.74	2.61	2.13	1.67	3.94	5.77
25	4.90	5.13	4.16	3.22	4.42	3.51	3.35	2.55	2.01	1.74	3.85	6.33
EOM	4.68	4.85	3.96	3.79	4.46	3.36	3.18	2.42	1.86	2.35	3.81	6.66
MAX	6.13	6.33	4.83	3.89	4.83	4.44	3.86	3.13	2.48	2.35	3.95	6.66



BROWARD COUNTY—Continued

WELL NUMBER.--261938080101001. Local Number G 2852. USGS Observation Well near Boca Raton, FL.

LOCATION.--Lat 26°19'38", long 80°10'10", in NW ¼ NW ¼ SW ¼ sec.33, T.47 S., R.42 E., Hydrologic Unit 03090202, approximately 12 ft south of Hillsboro Canal, 50 yards east of Florida Turnpike, 0.8 mi west of County Road 845 (Powerline Road), and 1.0 mi south of Camino Real Road, approximately 3.0 mi southwest of Boca Raton.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 140 ft, cased to 130 ft, screened 130 to 140 ft.

INSTRUMENTATION.--Satellite data collection platform with pressure transducer.

DATUM.--Measuring point: Top of casing, 18.79 ft above National Geodetic Vertical Datum of 1929. Prior to August 2000, top of casing was considered to be 18.74 ft above NGVD. Prior to November 1995, top of casing was 16.14 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 17.0 ft above NGVD.

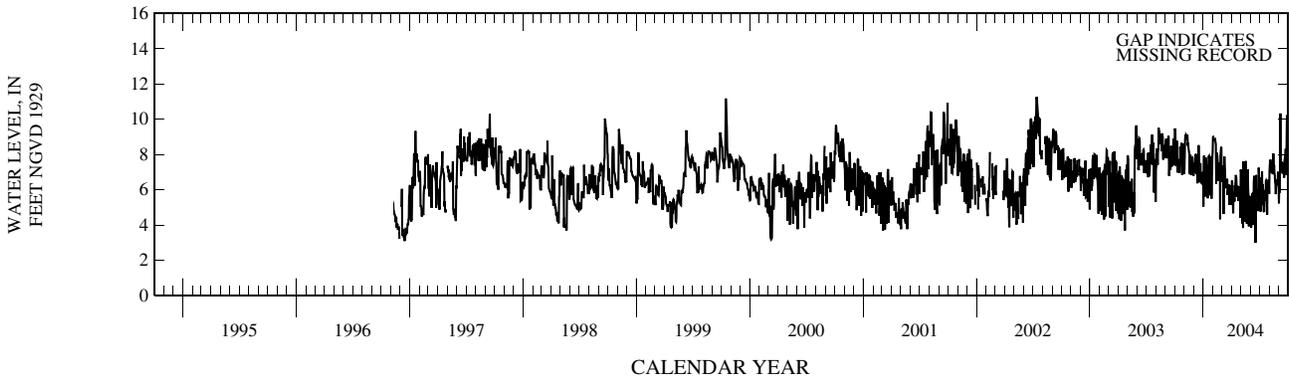
REMARKS.--Well was designated PB 1105 until September 1992 and published under the current station number. Well was also used for salinity monitoring until October 1993. Published figures of water levels as elevation, in ft NGVD, are in error for November 1995 to September 1999. Corrected figures are available in the files of the U.S. Geological Survey. See DATUM.

PERIOD OF RECORD.--October 1988 to May 1990 (semiannual), September 1990 to October 1991 (intermittent), November 1991 to October 1995 (monthly), November 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.27 ft NGVD, July 13, 2002; lowest, 3.00 ft NGVD, June 17, 2004.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.72	8.84	7.44	5.66	8.83	7.22	5.29	4.09	5.24	6.65	7.65	10.33
10	6.98	9.12	6.90	6.92	8.58	7.35	5.34	7.22	4.00	6.32	7.35	7.51
15	7.32	8.25	6.80	5.52	7.89	6.13	6.79	4.64	5.36	4.73	7.24	7.32
20	7.84	8.00	6.53	7.71	6.75	5.96	6.11	4.08	6.80	6.49	6.34	7.71
25	6.83	7.67	6.40	7.90	7.94	5.14	5.90	5.72	5.62	6.12	6.50	9.30
EOM	6.90	6.80	7.03	8.19	6.44	5.15	7.14	4.89	5.41	5.76	5.23	8.32
MAX	9.48	9.13	8.53	8.19	9.01	7.88	7.14	7.63	7.25	7.05	8.05	10.33



BROWARD COUNTY—Continued

MISCELLANEOUS WATER-LEVEL MEASUREMENTS

Station number	Local ident- i- fier	Lat- i- tude	Long- i- tude	Date	Time	Elev- ation, feet above NGVD (72020)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)
260242080101101	G -2697	26 02 42 N	080 10 11 W	10-29-03	1220	1.82	4720	1480
		26 02 42 N	080 10 11 W	01-30-04	1215	.86	4860	1500
		26 02 42 N	080 10 11 W	04-29-04	1340	.87	5000	1520
		26 02 42 N	080 10 11 W	07-30-04	1123	1.30	5040	1640

THIS PAGE IS INTENTIONALLY BLANK