

# Collier County

## VOLUME 2B: SOUTH FLORIDA

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## COLLIER COUNTY

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34	261347081351201	C 953	164	81	262558081270501	C 1078	211
35	262121081355502	C 963	193	82	262158081283404	C 1079	200
36	262136081204202	C 965	196	83	262228081361902	C 1080	203
37	262136081204201	C 966	195	84	261805081473302	C 1083	189
38	260334081391601	C 968	133	85	260251081412801	C 1092	131
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42	260915081385901	C 976	145	89	260224081394301	C 1186	130
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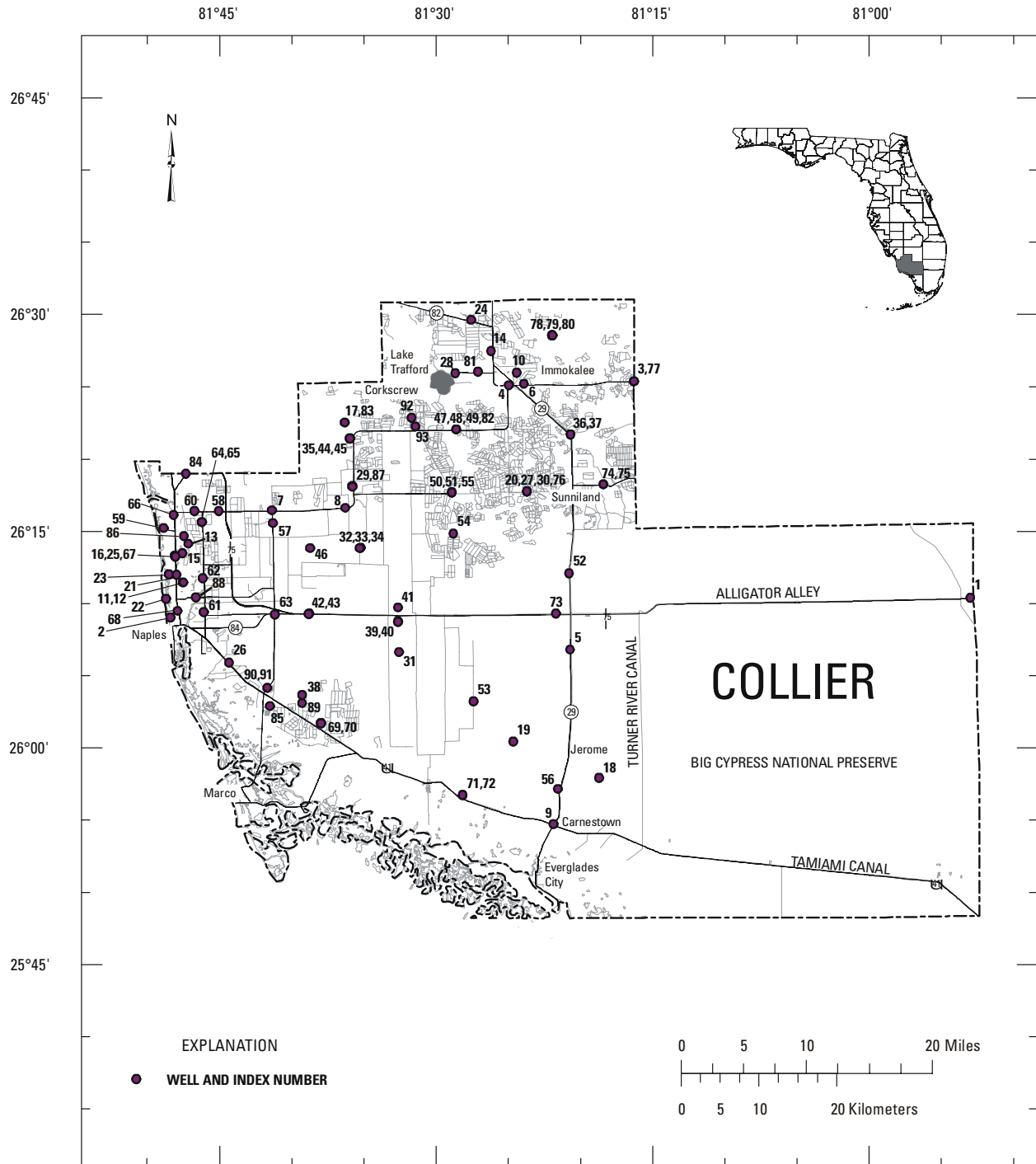


Figure 14. Location of wells in Collier County

COLLIER COUNTY

WELL NUMBER.--255430081221001. Local Number C 311.

LOCATION.--Lat 25°54'40", long 81°21'53", in NW ¼ SE ¼ sec.25, T.52 S., R.29 E., Hydrologic Unit 03090204, 20 ft south of U.S. Highway 41, and 53 ft west of State Road 29, 3 mi south of Copeland and 4 mi west of Ochopee.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 450 ft, cased to 430 ft, open hole 430 to 450 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Measuring point: Top of gate valve, 6.99 ft above National Geodetic Vertical Datum of 1929. From August 1994 to September 1997, measuring point was considered to be 4.99 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 4.94 ft above NGVD.

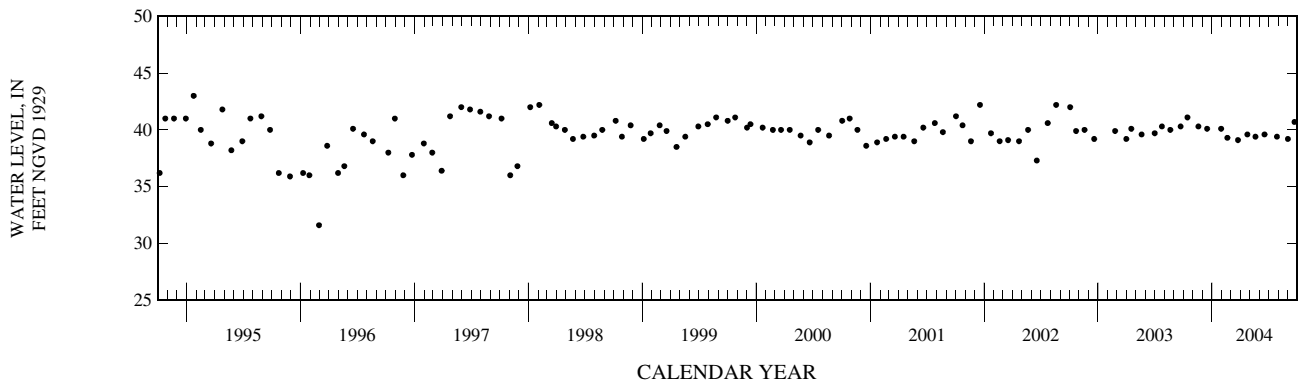
REMARKS.--Records of water levels prior to October 1982 are available in files of the U.S. Geological Survey. The figures of water levels as elevation, in feet NGVD, for the period August 1994 to September 1997 are in error. A correction of +2.00 ft has been applied to correct water-level data. Corrected records are in files of the U.S. Geological Survey. See DATUM.

PERIOD OF RECORD.--December 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.0 ft NGVD, Jan. 23, 1995; lowest, 17.2 ft NGVD, May 17, 1978.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 14...	1321	41.1	APR 23...	1336	39.6
NOV 18...	1107	40.3	MAY 19...	1050	39.4
DEC 16...	1149	40.1	JUN 17...	1331	39.6
JAN 30...	1041	40.1	JUL 27...	1150	39.4
FEB 19...	1231	39.3	AUG 31...	1055	39.2
MAR 24...	1312	39.1	SEP 21...	1032	40.7



COLLIER COUNTY—Continued

WELL NUMBER.--255637081281401. Local Number C 1065.

LOCATION.--Lat 25°56'40", long 81°28'09", in NE 1/4 SW 1/4 NW 1/4 sec.13, T.52 S., R.28 E., Hydrologic Unit 03090204, 1,000 ft north of U.S. Highway 41 at Big Cypress Bend Indian Reservation, 6.7 mi northwest of State Road 29 on U.S. Highway 41, 24 mi southeast of Naples on U.S. Highway 41.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 50 ft, cased to 27 ft, open hole from 27 to 50 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of casing, 6.42 ft above National Geodetic Vertical Datum of 1929. From October 4, 1993 to June 6, 1994, top of casing was 6.92 ft above NGVD. From October 1991 to September 1993, top of casing was 6.95 ft above NGVD. Prior to October 1991, top of casing was 7.07 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 3.4 ft above NGVD.

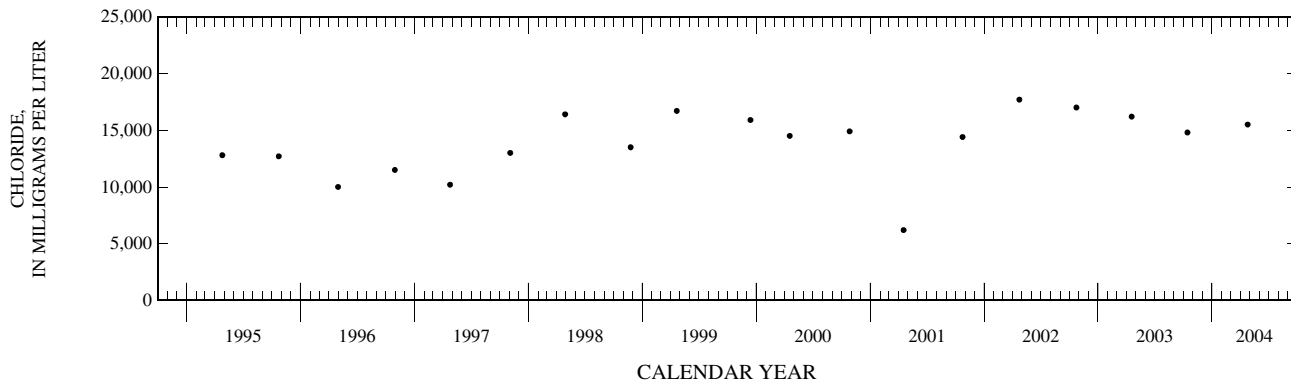
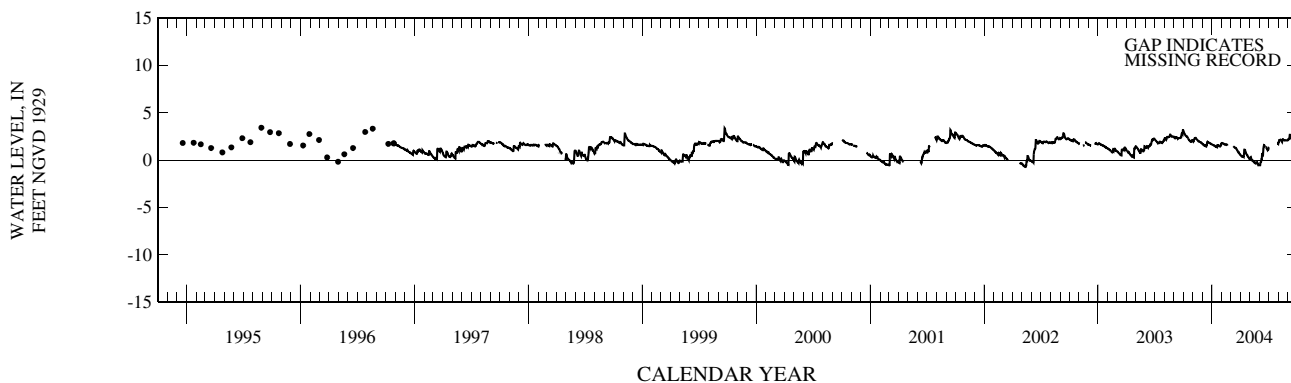
REMARKS.--Well is also used for salinity monitoring. Well damaged September 1993, repaired June 1994. See DATUM. Well has collapsed or become obstructed at a depth of 37 ft. This depth is within the open interval of the well. Water-level data from this well is considered to be unaffected by the collapse/obstruction.

PERIOD OF RECORD.--April 1986 to October 1996 (monthly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.44 ft NGVD, Aug. 28, 1995; lowest daily maximum water level, 0.71 ft below NGVD, May 12, 13, 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	2.80	2.25	1.64	1.61	1.78	---	0.39	0.22	-0.19	---	2.13	2.38
10	2.54	2.32	1.51	1.53	1.68	1.46	0.39	-0.04	0.68	---	2.04	2.37
15	2.37	2.14	1.63	1.40	1.68	1.30	1.06	-0.24	1.59	---	2.21	2.14
20	2.11	2.00	1.89	1.60	---	1.14	0.66	-0.36	---	---	2.09	2.07
25	1.98	1.90	1.81	1.47	---	0.85	0.38	-0.26	1.18	---	2.12	1.95
EOM	2.08	1.74	1.68	1.80	---	0.59	0.12	-0.52	1.31	1.73	2.11	2.22
MAX	3.11	2.37	1.96	1.80	---	---	1.12	0.34	---	---	2.22	2.69



COLLIER COUNTY—Continued

WELL NUMBER.--255637081281402. Local Number C 1066.

LOCATION.--Lat 25°56'40", long 81°28'09", in NE 1/4 SW 1/4 NW 1/4 sec.13, T.52 S., R.28 E., Hydrologic Unit 03090204, 1,000 ft north of U.S. Highway 41 at Big Cypress Bend Indian Reservation, 6.7 mi northwest of State Road 29 on U.S. Highway 41, 24 mi southeast of Naples on U.S. Highway 41.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 180 ft, cased to 102 ft, 102 ft to 180 ft open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 4.29 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 3.4 ft above NGVD.

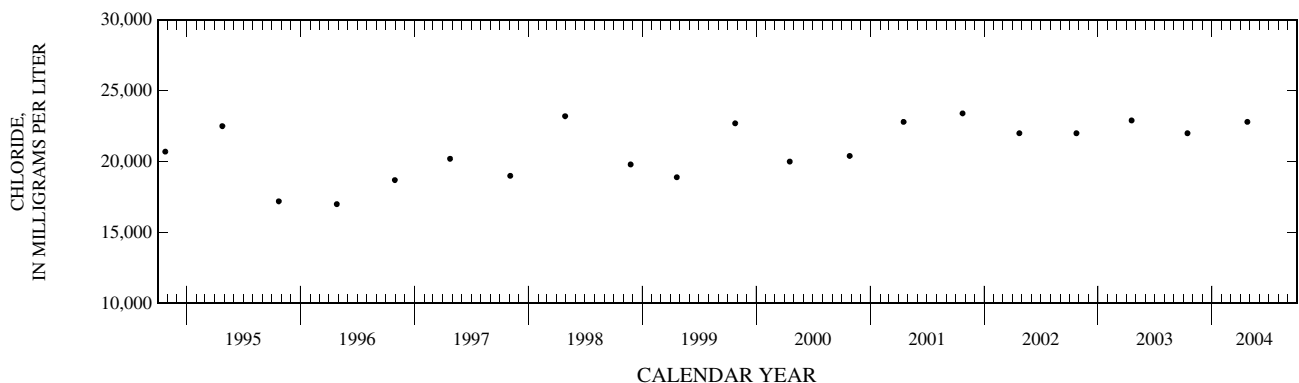
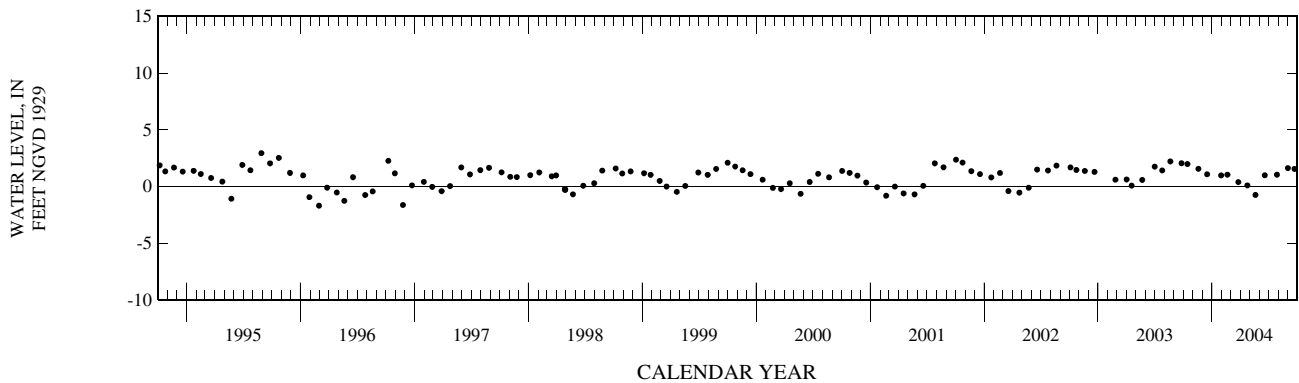
REMARKS.--Well is also used for salinity monitoring. The well was originally open to the aquifer from 102 to 180 ft. The well has become obstructed at a depth of 79 ft. Chloride samples are being collected using a pump. The exact depth from which the chloride-containing water is emanating cannot be further delineated.

PERIOD OF RECORD.--April 1986 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.95 ft NGVD, Aug. 28, 1995; lowest, 1.82 ft below NGVD, Apr. 24, 1986.

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				
14...	1347	1.99	60,600	22,000	23...	1242	.11	60,400	22,800
NOV					MAY				
18...	1333	1.57	--	--	19...	1330	-.73	--	--
DEC					JUN				
16...	1451	1.09	--	--	18...	1014	1.00	--	--
JAN					JUL				
30...	1112	.99	--	--	27...	1432	1.05	--	--
FEB					AUG				
19...	1540	1.05	--	--	31...	1010	1.63	--	--
MAR					SEP				
25...	1006	.40	--	--	21...	1048	1.56	--	--



COLLIER COUNTY—Continued

WELL NUMBER.--255703081213801. Local Number C 995.

LOCATION.--Lat 25°57'05", long 81°21'34", in SE 1/4 SE 1/4 sec.12, T.52 S., R.29 E., Hydrologic Unit 03090204, in Department of Natural Resources building, 200 ft east of Janes Scenic Drive and 0.4 mi north of Copeland.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 37 ft, cased to 28 ft, open hole 28 to 37 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 7.22 ft above National Geodetic Vertical Datum of 1929. From March 1985 to September 1993, top of casing was incorrectly considered to be 8.20 ft above NGVD. From October 1988 to September 1991, top of casing was incorrectly reported to be 10.75 ft above NGVD. The figures of water level as elevation, in feet NGVD, prior to October 1993 are in error. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 6.9 ft above NGVD.

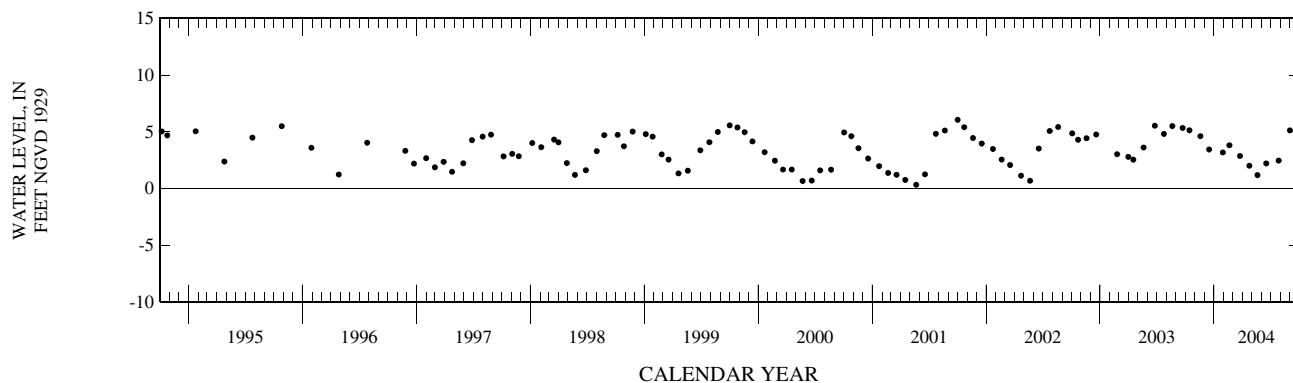
REMARKS.--The figures of water level, as elevation in feet NGVD, prior to October 1993 are in error. A -0.98 ft correction has been applied to correct water-level data from March 1985 to September 1993. Corrected records are in the files of the U.S. Geological Survey. See DATUM.

PERIOD OF RECORD.--March 1985 to September 1994 (monthly), October 1995 to September 1996 (quarterly), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.06 ft NGVD, Oct. 1, 2001; lowest, 0.25 ft NGVD, May 28, 1985.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 14...	1309	5.14	APR 23...	1433	2.02
NOV 18...	1057	4.62	MAY 19...	1040	1.19
DEC 16...	1138	3.45	JUN 16...	1318	2.22
JAN 29...	1440	3.19	JUL 26...	1512	2.47
FEB 19...	1218	3.82	AUG 31...	1053	5.13
MAR 24...	1248	2.88	SEP 20...	1434	4.80



COLLIER COUNTY—Continued

WELL NUMBER.--255748081181801. Local Number C 495.

LOCATION.--Lat 25°57'53", long 81°18'42", in NE 1/4 NE 1/4 NE 1/4 sec.9, T.52 S., R.30 E., Hydrologic Unit 03090204, 25 ft south of County Road 837, 50 ft west of County Road 841, 2.6 mi east of State Road 29, and 4.4 mi north of Ochopee.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 70 ft, cased to 8 ft, open hole 8 to 70 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 10.08 ft above National Geodetic Vertical Datum of 1929. Prior to October 1984, measuring point was top of base, 10.08 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 7.6 ft above NGVD.

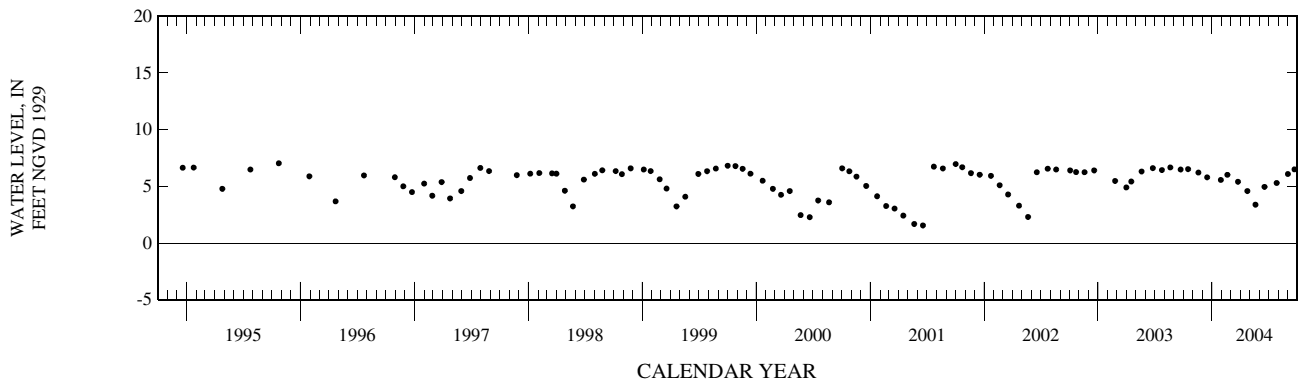
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--January 1971 to September 1984 (daily), October 1984 to September 1995 (monthly), October 1995 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.34 ft NGVD, Sept. 4, 1983; lowest measured, 0.98 ft NGVD, June 14, 1985.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 16...	1219	6.51	APR 23...	1422	4.58
NOV 18...	1125	6.21	MAY 19...	1101	3.38
DEC 16...	1201	5.79	JUN 17...	1342	4.95
JAN 29...	1455	5.56	JUL 26...	1530	5.29
FEB 19...	1241	6.01	AUG 31...	0936	6.08
MAR 24...	1323	5.40	SEP 21...	1014	6.49





## COLLIER COUNTY—Continued

WELL NUMBER.--260111081243901. Local Number C 496.

LOCATION.--Lat 26°00'23", long 81°24'39", in NE ¼ NE ¼ sec.28, T.51 S., R.29 E., Hydrologic Unit 03090204, 36 ft east of Janes Scenic Drive, 7.1 mi northwest of Copeland and 6.4 mi northwest of fire lookout tower.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 57 ft, cased to 12 ft, open hole 12 to 57 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of recorder shelf, 11.85 ft above National Geodetic Vertical Datum of 1929. From October 1981 to September 1982, top of shelf was incorrectly considered to be 14.62 ft above NGVD. Prior to October 1981, top of shelf was 14.62 ft above NGVD. The figures of water level as elevation, in feet NGVD, from October 1981 to September 1982 are in error. See REMARKS.

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

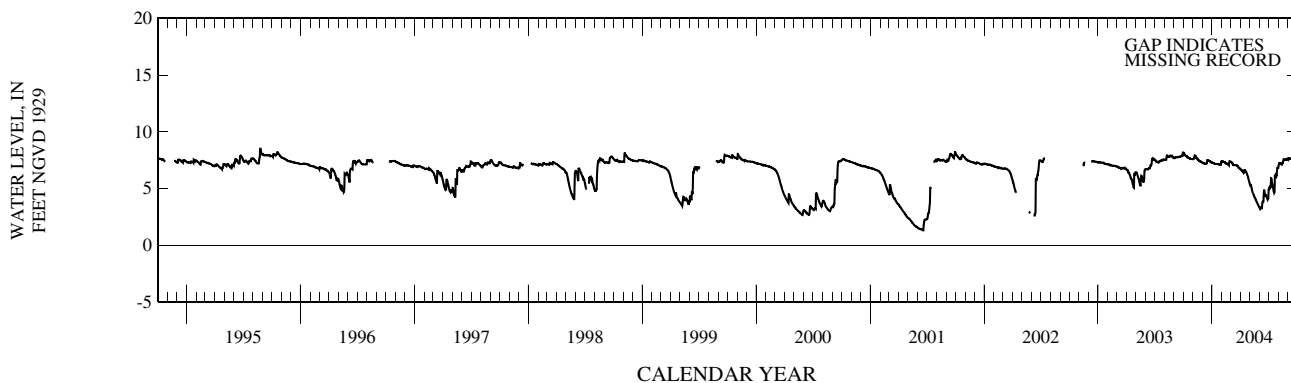
REMARKS.--The figures of water level as elevation, in feet NGVD, from October 1981 to September 1982 are in error. A correction of -2.77 ft has been applied to correct water-level data. Corrected records are in files of the U.S. Geological Survey. See DATUM. Records of water levels prior to October 1975 are available in files of the U.S. Geological Survey. The well was originally open to the aquifer from 12 to 57 ft. The open interval of the well has collapsed at a depth of 36 ft. Water-level data from this well are not considered to be affected by the collapsed interval.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.52 ft NGVD, Aug. 24, 1995; lowest, 0.95 ft NGVD, May 14, 15, 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	8.02	7.82	7.24	7.25	7.42	7.27	6.60	5.21	3.33	5.22	7.25	7.63
10	7.86	7.83	7.17	7.18	7.35	7.08	6.44	4.70	3.78	5.74	7.20	7.65
15	7.75	7.64	7.25	7.17	7.21	7.08	6.64	4.31	4.84	4.99	7.36	7.52
20	7.69	7.47	7.50	7.16	7.15	7.07	6.44	4.02	4.29	6.12	7.58	7.50
25	7.61	7.38	7.43	7.10	7.35	6.85	6.03	3.70	4.17	6.13	7.56	7.50
EOM	7.60	7.29	7.32	7.33	7.38	6.74	5.48	3.39	4.90	6.83	7.56	7.50
MAX	8.17	7.92	7.51	7.33	7.43	7.38	6.74	5.38	4.90	6.83	7.60	7.70



COLLIER COUNTY—Continued

WELL NUMBER.--260137081375901. Local Number C 1063.

LOCATION.--Lat 26°01'40", long 81°37'52", in NW ¼ NE ¼ SW ¼ sec.17, T.51 S., R.27 E., Hydrologic Unit 03090204, 50 ft northwest of the end of Hamilton Road 0.45 mi north of U.S. Highway 41, 4.95 mi southeast of State Road 951, 9.0 mi southeast of Collier County Government Center.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 55 ft, cased to 30 ft, open hole from 30 to 55 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of casing, 9.58 ft above National Geodetic Vertical Datum of 1929.

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

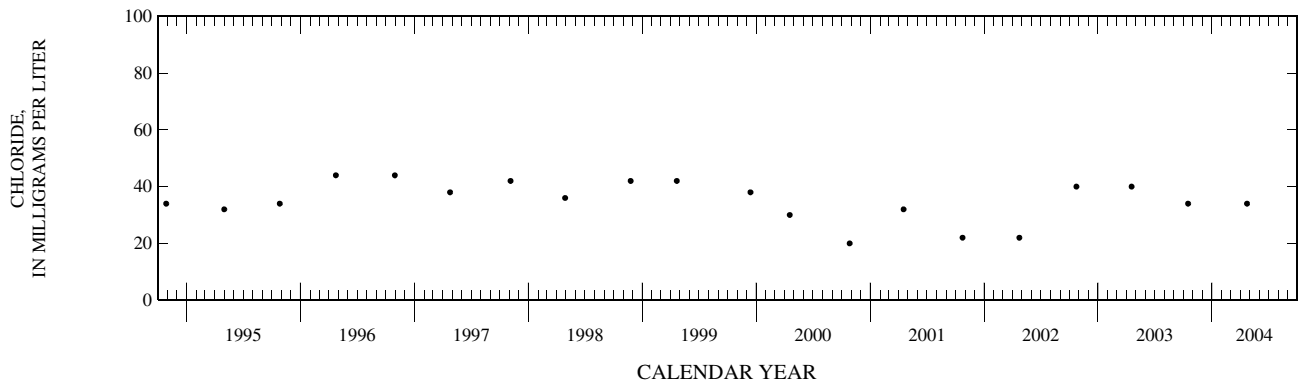
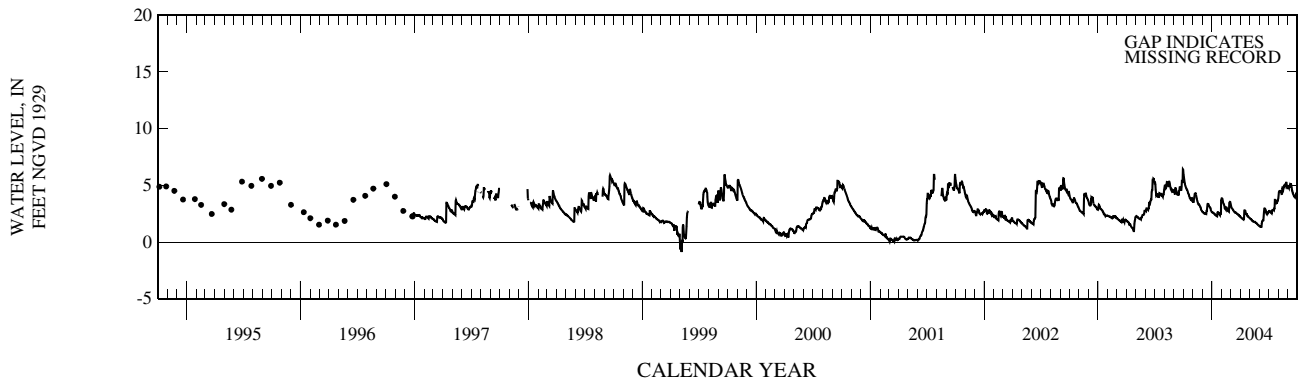
REMARKS.--Well is also used for salinity monitoring. Most of the open-hole portion of this well has collapsed or become obstructed. Chloride samples are being collected from a depth of 37 ft. Data from this well are considered to be unaffected by the collapse/obstruction.

PERIOD OF RECORD.--April 1986 to December 1996 (monthly), December 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.41 ft NGVD, Sept. 29, 2003; lowest, 0.88 ft below NGVD, May 06, 1999.

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	5.24	3.99	2.58	2.57	3.50	2.94	2.11	2.01	1.34	2.70	4.46	4.86
10	4.77	4.20	2.51	2.42	3.01	2.76	2.01	1.85	1.85	2.52	4.28	5.10
15	4.43	3.61	2.76	2.32	3.06	2.60	2.78	1.78	2.66	2.83	4.68	4.35
20	4.02	3.32	3.32	2.63	2.79	2.50	2.44	1.69	2.88	3.72	4.99	4.03
25	3.72	3.06	3.07	2.40	3.42	2.40	2.25	1.57	2.44	3.44	5.23	4.14
EOM	3.69	2.69	2.65	3.74	3.40	2.26	2.11	1.43	2.62	3.78	4.95	4.26
MAX	5.97	4.30	3.35	3.74	3.85	3.30	2.78	2.09	2.96	3.78	5.23	5.10



COLLIER COUNTY—Continued

WELL NUMBER.--260137081375902. Local Number C 1064.

LOCATION.--Lat 26°01'40", long 81°37'58", in NW ¼ NE ¼ SW ¼ sec.17, T.51 S., R.27 E., Hydrologic Unit 03090204, 50 ft northwest of the end of Hamilton Road, 0.45 mi north of U.S. Highway 41, 4.95 mi southeast of State Road 951, 9.0 mi southeast of Collier County Government Center.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 4 in., depth 120 ft, cased to 84 ft, open hole 84 to 120 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 9.98 ft above National Geodetic Vertical Datum of 1929. From October 1996 to September 1997, measuring point was incorrectly considered to be top of shelf, 10.07 ft above NGVD. Prior to October 1996, measuring point was top of shelf 10.07 ft above NGVD. The figures of water level as elevation, in feet NGVD, from October 1996 to September 1997 are in error. See REMARKS.

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

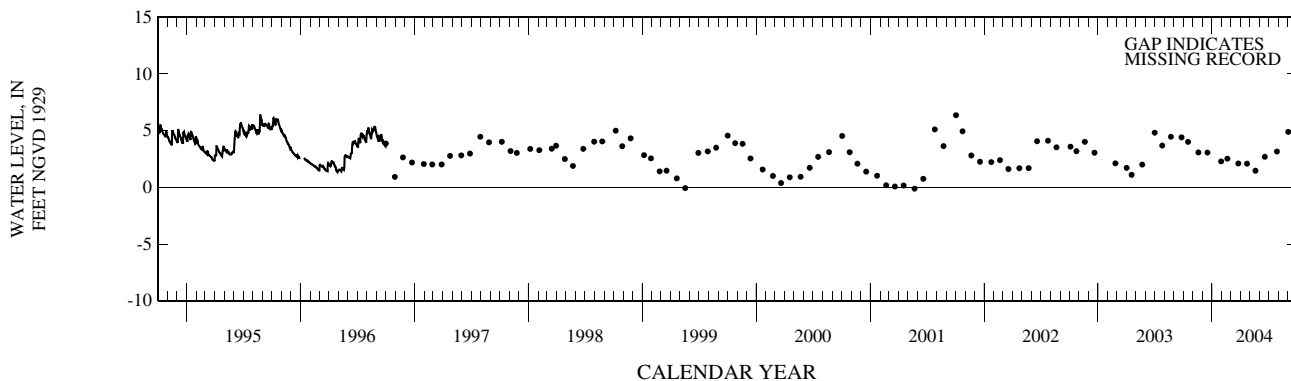
REMARKS.--The figures of water levels as elevation, in feet NGVD, for the period October 1996 to September 1997 are in error. Elevations had been computed based on the top of shelf measuring point after the shelf had been removed. A -0.09 ft correction has been applied to correct water level data from October 1996 to September 1997. Corrected records are in files of the U.S. Geological Survey. See DATUM.

PERIOD OF RECORD.--November 1986 to September 1996 (daily), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level 6.35 ft NGVD, Aug. 24, 25, 1995 and highest water level measured, 6.35 ft NGVD, Oct. 2, 2001; lowest water level measured, 0.12 ft below NGVD, May 22, 2001.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 16...	1252	4.00	APR 22...	1628	2.08
NOV 18...	1404	3.07	MAY 19...	1342	1.46
DEC 17...	0903	3.06	JUN 18...	1040	2.69
JAN 30...	1140	2.28	JUL 27...	1508	3.15
FEB 19...	1603	2.52	SEP 01...	0947	4.88
MAR 25...	1027	2.10	SEP 21...	1111	3.73



COLLIER COUNTY—Continued

WELL NUMBER.--260224081394301. Local Number C 1186.

LOCATION.--Lat 26°03'03", long 81°39'16", in SW 1/4 SW 1/4 sec.6, T.51 S., R.27 E., Hydrologic Unit 03090204, 30 ft east of Greenway Road, 1.15 mi north of U.S. Highway 41 and 11 mi southeast of Naples.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 122 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 32.5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 7.10 ft above National Geodetic Vertical Datum of 1929. From June 1989 to September 1998, top of casing was incorrectly considered to be 10.10 ft above NGVD. Prior to June 1989, top of casing was 10.10 ft above NGVD. See REMARKS.

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

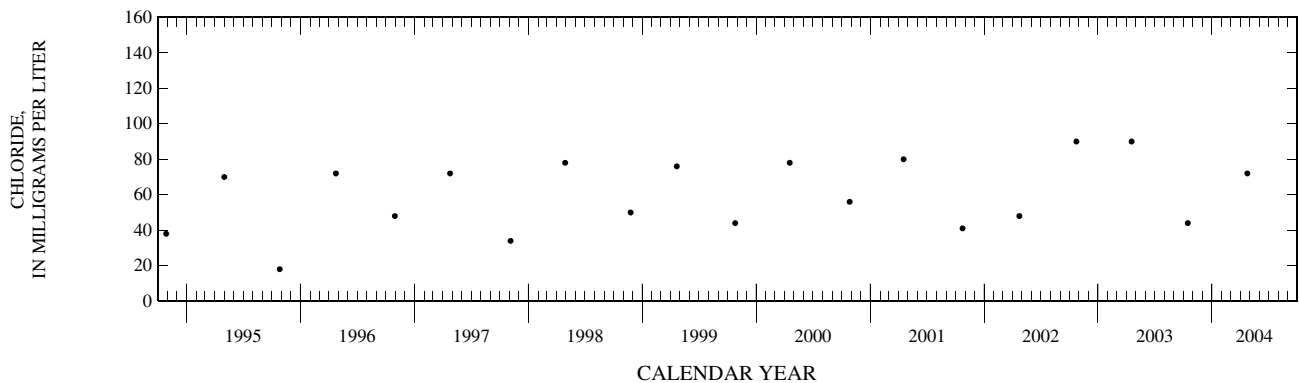
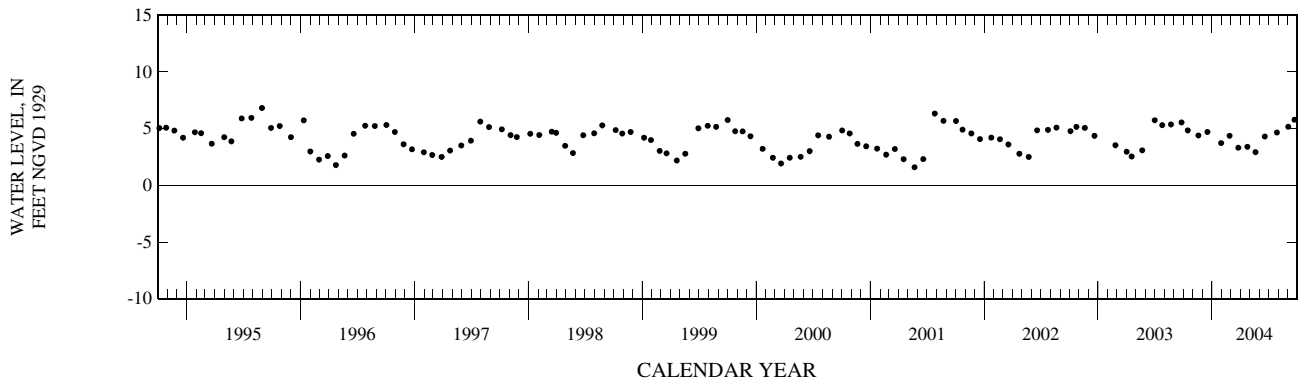
REMARKS.--Well is also used for salinity monitoring. Prior to October 1998, the well was incorrectly considered to be C-975. All of the data published under C-975 is available under C-1186. The figures of water level as elevation, in feet NGVD from June 1989 to September 1998, are in error. A -3.00 ft correction has been applied to correct water-level data from June 1989 to September 1998. Corrected records are available in files of the U.S. Geological Survey. See DATUM.

PERIOD OF RECORD.--October 1984 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.81 ft NGVD, Aug. 30, 1995; lowest, 0.65 ft below NGVD, Mar. 28, 1985.

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 15...	0841	4.84	585	44.0	APR 23...	1120	3.39	734	72.0
NOV 18...	1418	4.39	--	--	MAY 19...	1426	2.92	--	--
DEC 17...	0924	4.70	--	--	JUN 18...	1055	4.30	--	--
JAN 30...	1150	3.72	--	--	JUL 27...	1519	4.65	--	--
FEB 26...	1234	4.36	--	--	SEP 01...	1024	5.16	--	--
MAR 25...	1041	3.31	--	--	SEP 21...	1122	5.78	--	--



COLLIER COUNTY—Continued

WELL NUMBER.--260251081412801. Local Number C 1092.

LOCATION.--Lat 26°02'51", long 81°41'29", in SW 1/4 NE 1/4 NE 1/4 sec.10, T.51 S., R.26 E., Hydrologic Unit 03090204, 25 ft north of Manatee Road, 0.5 mi east of State Road 951, 1.1 mi south of Tamiami Trail (U.S. Highway 41).

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 19 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of 4 in. PVC casing, 7.73 ft above National Geodetic Vertical Datum of 1929.

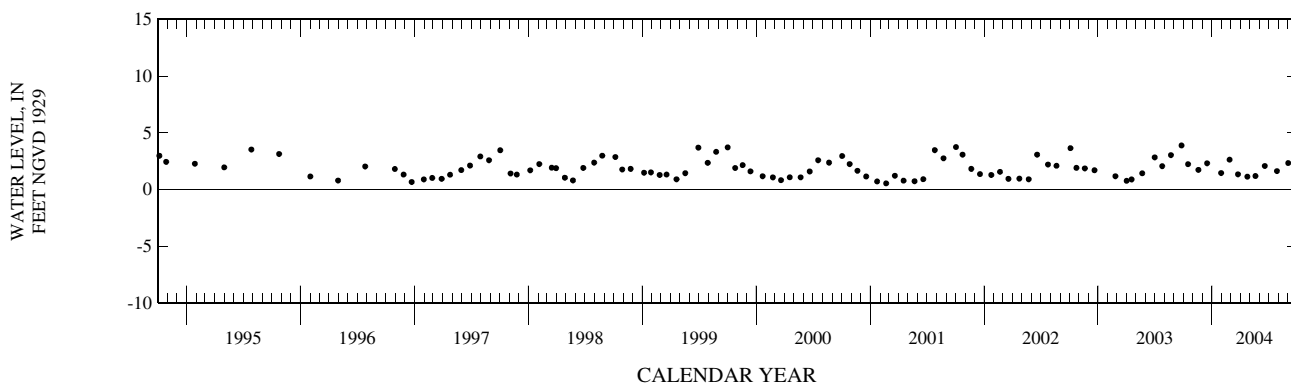
LAND-SURFACE DATUM.--Land surface is approximately 5.0 ft above NGVD.

PERIOD OF RECORD.--July 1993 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.89 ft NGVD, Sept. 25, 2003; lowest, 0.55 ft NGVD, Feb. 20, 2001.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 16...	1410	2.24	APR 23...	1010	1.14
NOV 18...	1450	1.74	MAY 19...	1359	1.20
DEC 16...	0958	2.32	JUN 18...	1124	2.08
JAN 30...	1245	1.46	JUL 27...	1550	1.63
FEB 26...	1255	2.64	SEP 01...	1110	2.34
MAR 24...	1500	1.35	SEP 21...	1134	2.14



COLLIER COUNTY—Continued

WELL NUMBER.--260309081272601. Local Number C 987

LOCATION.--Lat 26°03'10", long 81°27'25", in SW 1/4 SW 1/4 sec.6, T.51 S., R.29 E., Hydrologic Unit 03090204, 35 ft north of Janes Scenic Drive, 35 ft east of canal 5 mi east of Everglades Boulevard and 9.5 mi northwest of Copeland.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 370 ft, cased to 280 ft, open hole 280 to 370 ft.

INSTRUMENTATION.--Electronic data logger. Prior to November 1996, monthly measurement with pressure gauge.

DATUM.--Measuring point: Top of 3/4 PVC elbow, 12.52 ft above National Geodetic Vertical Datum of 1929.

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

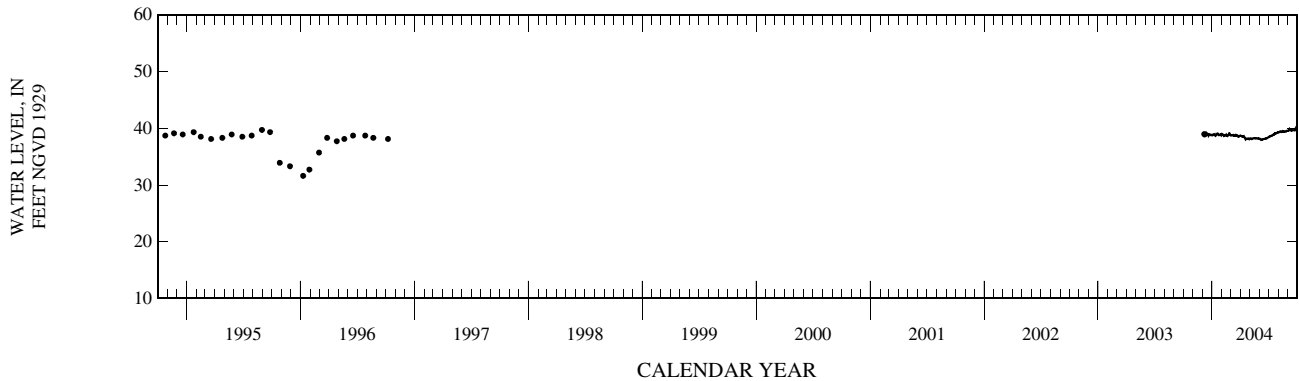
REMARKS.--Well was destroyed August 2002, well reconstructed December 2003.

PERIOD OF RECORD.--October 1984 to October 1996 (monthly), December 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.30 ft NGVD, Oct. 5, 1988; lowest, 31.70 ft NGVD, May 23, 1994.

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	---	---	---	38.90	38.78	38.78	38.57	38.15	38.01	38.58	39.35	39.88
10	---	---	39.02	38.94	38.73	38.79	38.50	38.15	38.02	38.65	39.32	39.58
15	---	---	38.89	38.88	38.89	38.73	38.27	38.26	38.10	38.84	39.42	39.64
20	---	---	38.82	38.97	38.78	38.66	38.17	38.19	38.21	39.10	39.36	39.66
25	---	---	38.86	38.84	39.09	38.51	38.12	38.23	38.25	39.09	39.42	39.92
EOM	---	---	38.76	38.96	38.73	38.68	38.12	38.18	38.43	39.24	39.51	39.69
MAX	---	---	---	39.07	39.09	38.85	38.70	38.26	38.43	39.30	39.54	40.03



## COLLIER COUNTY—Continued

WELL NUMBER.--260334081391601. Local Number C 968.

LOCATION.--Lat 26°03'37", long 81°39'15", in SE 1/4 NE 1/4 sec.1, T.51 S., R.26 E., Hydrologic Unit 03090204, 150 ft west of Greenway Road, in drainage divide 1.75 mi north of U.S. Highway 41 and 11 mi southeast of Naples.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 23 ft, cased to 8 ft, open hole 8 to 23 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of flange, 9.91 ft above National Geodetic Vertical Datum of 1929. Prior to October 2001, measuring point was incorrectly considered to be top of shelf, 9.35 ft above NGVD. The figures of water level as elevation, in feet NGVD, prior to October 2001 are in error. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 7.2 ft above NGVD.

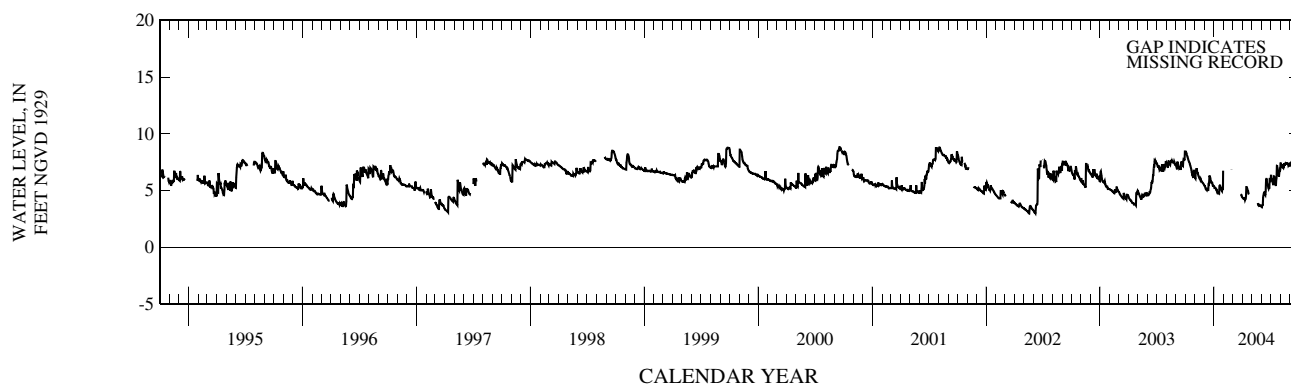
REMARKS.--The figures of water level as elevations, in feet NGVD, prior to October 2001 are in error. A +0.56 ft correction has been applied to correct water level data. Corrected records are in the files of the U.S. Geological Survey. See DATUM. The well was originally open to the aquifer from 8 to 23 ft. The open interval of the well has collapsed or become obstructed at a depth of 9.3 ft. Water-level data from this well are not considered to be affected by the collapsed interval. Corrected records are in the files of the U.S. Geological Survey. See DATUM.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.82 ft NGVD (present datum), Sept. 17, 18, 2000; lowest, 2.56 ft NGVD (present datum), June 2, 1989 (estimated).

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	8.22	6.87	5.16	5.24	---	---	4.27	---	3.74	5.95	7.20	7.38
10	7.76	6.48	5.13	5.02	---	---	4.23	---	4.83	5.87	7.01	7.33
15	7.35	6.09	5.54	4.79	---	---	5.28	---	5.77	5.67	7.34	7.09
20	6.81	5.95	6.01	5.44	---	---	4.78	3.91	5.55	7.17	7.36	6.88
25	6.39	5.69	5.72	4.99	---	---	---	3.75	5.25	6.56	7.38	6.96
EOM	6.23	5.47	5.41	---	---	4.42	---	3.61	5.83	6.83	7.39	7.09
MAX	8.45	6.97	6.33	---	---	---	---	---	6.04	7.17	7.41	7.42



COLLIER COUNTY—Continued

WELL NUMBER.--260549081441901. Local Number C 600.

LOCATION.--Lat 26°05'52", long 81°44'19", in NW ¼ SE ¼ sec.19, T.50 S., R.26 E., Hydrologic Unit 03090204, at northeast corner of the intersection of Saint Andrews Boulevard and U.S. Highway 41, 4.2 mi northwest of Belle Meade and 5.0 mi southeast of Naples.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 52 ft, cased to 48 ft, slotted 48 to 52 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of 4 in. PVC coupling, 8.65 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 5.4 ft above NGVD.

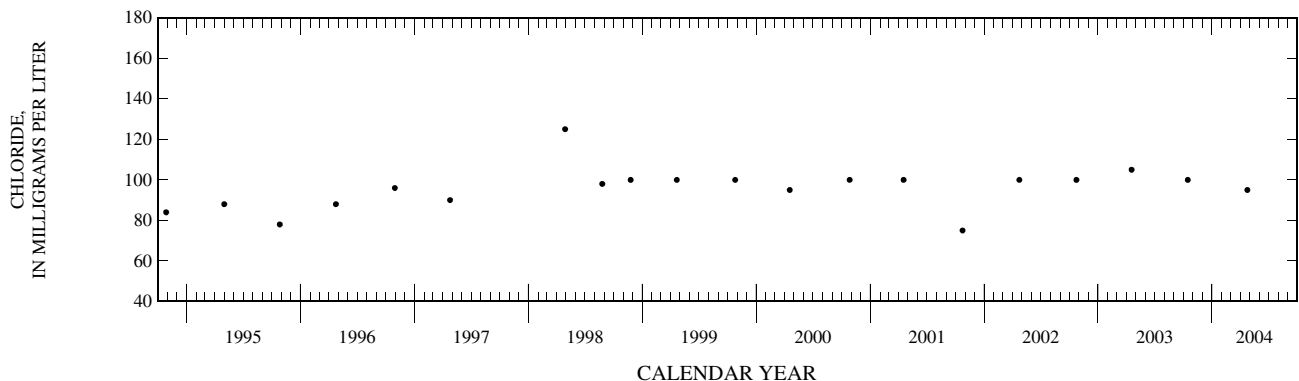
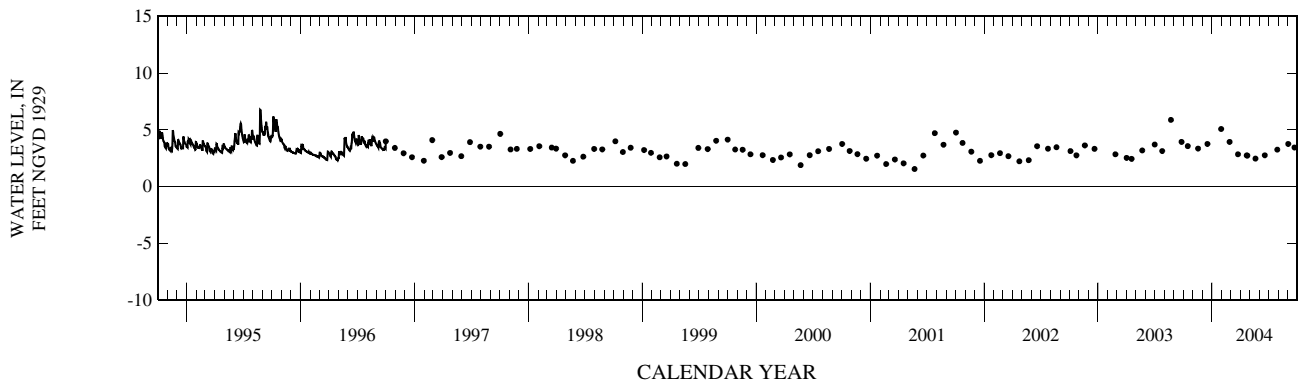
REMARKS.--Well is also used for salinity monitoring. The minimum for period of record in 1988 is a measured water level, not the recorded daily maximum water level.

PERIOD OF RECORD.--October 1980 to September 1996 (daily), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.77 ft NGVD, Aug. 24, 1995; lowest water level measured, 0.99 ft NGVD, Aug. 29, 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				
15...	0909	3.57	901	100	21...	1500	2.75	--	--
NOV					23...	0924	2.73	884	95.0
17...	1353	3.35	--	--	MAY				
DEC					19...	1409	2.47	--	--
17...	1013	3.76	--	--	JUN				
JAN					18...	1135	2.76	--	--
30...	1300	5.08	--	--	JUL				
FEB					28...	0830	3.26	--	--
26...	1330	3.94	--	--	SEP				
MAR					01...	1205	3.76	--	--
24...	1517	2.85	--	--	21...	1148	3.45	--	--





## COLLIER COUNTY-Continued

WELL NUMBER.--260405081414101. Local Number C 1224.

LOCATION.--Lat 26°04'05", long 81°41'41", in NE ¼ NE ¼ NW ¼ sec.03, T.51 S., R.26 E., Hydrologic Unit 03090204, approximately 500 ft east of State Road 951 and 0.5 mi north of Tamiami Trail (U.S. Highway 41).

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 157 ft, cased to 123 ft, screened 123 to 157 ft.

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

DATUM.--Measuring point: Top of 2 in. PVC casing, 8.29 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 5.8 ft above NGVD.

REMARKS.--Geologic maps available for delineating aquifers in this are not in agreement concerning the depths of aquifers.

PERIOD OF RECORD.--August 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.79 ft NGVD, Sept. 29, 2003; lowest, 0.36 ft below NGVD, May 18, 2002.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	---	---	---	4.59
10	---	---	---	---	---	---	---	---	---	---	---	5.30
15	---	---	---	---	---	---	---	---	---	---	---	5.42
20	---	---	---	---	---	---	---	---	---	---	---	5.10
25	---	---	---	---	---	---	---	---	---	---	---	4.63
EOM	---	---	---	---	---	---	---	---	---	---	4.62	6.20
MAX	---	---	---	---	---	---	---	---	---	---	---	6.24

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.15	4.08	3.00	2.66	2.19	2.13	0.92	0.20	-0.25	4.19	3.86	4.85
10	4.58	4.02	2.87	2.59	2.04	2.01	0.84	-0.06	0.12	5.11	3.41	4.86
15	4.96	3.95	2.70	2.72	1.82	1.81	0.75	-0.26	2.28	4.52	3.59	4.92
20	4.82	3.84	2.57	2.64	2.39	1.60	0.76	-0.13	3.04	4.20	3.76	4.57
25	4.61	3.63	2.48	2.52	2.44	1.39	0.64	-0.22	4.12	4.08	3.71	4.43
EOM	4.20	3.34	2.65	2.35	2.33	1.12	0.46	-0.03	4.62	3.85	3.84	4.33
MAX	6.04	4.17	3.27	2.73	2.54	2.28	1.06	0.42	4.67	5.27	3.86	5.24

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
DAILY MAXIMUM VALUES

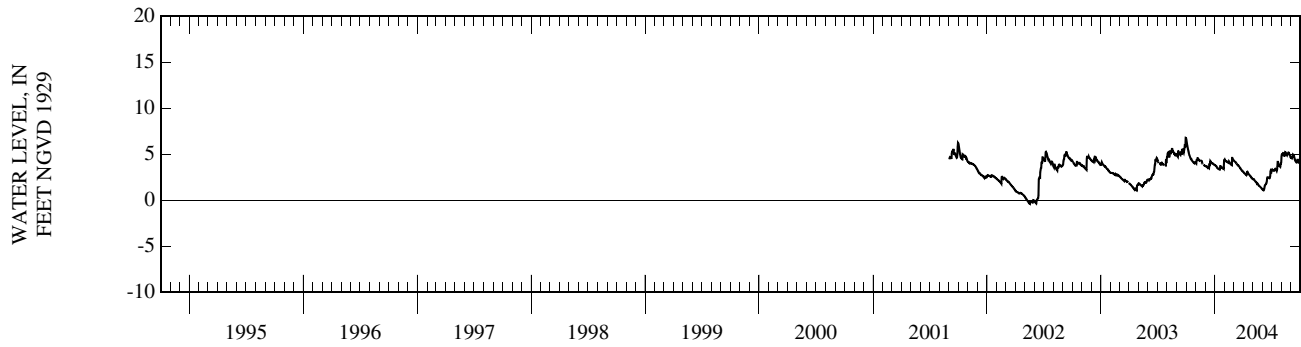
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.03	3.66	4.22	3.99	2.98	2.47	1.72	1.76	2.30	---	5.23	5.31
10	3.79	3.51	4.55	3.78	2.91	2.29	1.54	1.61	2.36	3.94	5.25	5.03
15	4.17	3.30	4.60	3.65	2.76	2.13	1.31	1.64	2.78	4.07	5.33	5.10
20	4.01	4.65	4.32	3.42	2.73	2.15	1.27	1.96	3.11	3.88	5.30	5.54
25	3.97	4.60	4.12	3.21	2.71	2.01	1.06	1.95	4.38	3.78	5.00	5.58
EOM	3.80	4.37	3.84	2.99	2.62	1.89	1.80	2.22	4.40	4.65	4.95	6.77
MAX	4.26	4.82	4.71	4.14	2.98	---	1.83	2.24	4.59	---	5.58	6.79

COLLIER COUNTY-Continued

WELL NUMBER.--260405081414101. Local Number C 1224.-Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.78	4.36	3.68	3.72	4.27	4.20	2.93	2.28	1.08	3.25	5.02	4.73
10	5.06	4.42	3.62	3.49	4.17	4.00	2.77	2.02	1.67	3.31	4.83	4.87
15	4.58	4.25	3.85	3.37	4.23	3.78	3.03	1.82	2.05	3.33	5.05	4.30
20	4.28	4.25	4.11	3.66	3.95	3.60	2.77	1.63	2.49	4.18	4.98	4.12
25	4.07	3.85	3.99	3.50	4.62	3.34	2.58	1.47	2.46	3.74	5.17	4.14
EOM	4.05	3.74	3.85	4.40	4.38	3.10	2.35	1.24	3.14	4.05	4.65	4.11
MAX	6.62	---	4.27	4.40	4.62	4.35	3.10	2.34	3.24	4.18	5.24	4.97



## COLLIER COUNTY-Continued

WELL NUMBER.--260405081414102. Local Number C 1225.

LOCATION.--Lat 26°04'05", long 81°41'41", in NE ¼ NE ¼ NW ¼ sec.03, T.51 S., R.26 E., Hydrologic Unit 03090204, approximately 500 ft east of State Road 951, and 0.5 mi north of Tamiami Trail (U.S. Highway 41).

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 67 ft, cased to 63 ft, screened 63 to 67 ft.

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

DATUM.--Measuring point: Top of 2 in. PVC casing, 8.46 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 5.3 ft above NGVD.

REMARKS.--Geologic maps available for delineating aquifers in this are not in agreement concerning the depths of aquifers. By some maps this well may be open to the lower Tamiami aquifer of the Pliocene Age.

PERIOD OF RECORD.--August 2001 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.08 ft NGVD, Sept. 29, 2003; lowest, 1.69 ft below NGVD, June 6, 2002.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	---	---	---	4.43
10	---	---	---	---	---	---	---	---	---	---	---	5.29
15	---	---	---	---	---	---	---	---	---	---	---	5.43
20	---	---	---	---	---	---	---	---	---	---	---	5.13
25	---	---	---	---	---	---	---	---	---	---	---	4.65
EOM	---	---	---	---	---	---	---	---	---	---	4.57	6.42
MAX	---	---	---	---	---	---	---	---	---	---	---	6.42

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.48	4.04	2.55	2.05	1.61	1.46	0.05	-0.84	-1.51	4.17	3.52	4.67
10	4.86	4.07	2.26	1.99	1.42	1.31	0.05	-1.13	-0.70	5.29	2.98	4.85
15	5.21	4.01	2.14	2.11	1.16	1.08	-0.06	-1.09	1.35	4.71	3.09	4.95
20	5.16	3.87	2.08	2.06	1.68	0.85	-0.02	-1.41	2.28	4.33	3.39	4.53
25	4.76	3.53	2.01	1.94	1.74	0.59	-0.15	-0.99	3.57	4.06	3.25	4.35
EOM	4.22	3.07	2.03	1.76	1.63	0.21	-0.37	-0.77	4.36	3.65	3.43	4.22
MAX	6.32	4.17	2.97	2.12	1.84	1.59	0.12	-0.44	4.41	5.30	3.53	5.18

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.92	3.47	4.16	3.78	2.55	1.99	1.02	0.87	1.78	4.10	4.61	5.67
10	3.65	3.21	4.52	3.57	2.50	1.79	0.82	0.81	1.82	3.96	5.42	5.38
15	4.01	2.92	4.54	3.36	2.32	1.60	0.56	0.86	2.18	4.07	5.58	5.39
20	3.82	4.43	4.23	3.09	2.28	1.54	0.44	1.17	2.45	3.88	5.67	5.80
25	3.78	4.56	3.98	2.77	2.24	1.45	0.16	1.30	3.91	3.77	5.42	5.87
EOM	3.63	4.36	3.62	2.45	2.14	1.29	0.89	1.64	4.24	4.32	5.30	7.06
MAX	4.16	4.62	4.66	3.91	2.55	---	1.22	1.64	4.29	---	5.91	7.08

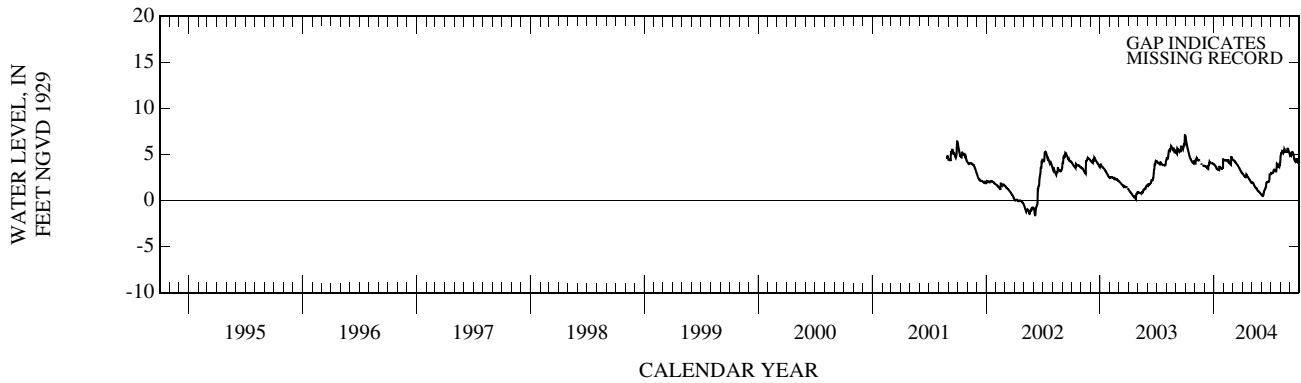
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY-Continued

WELL NUMBER.--260405081414102. Local Number C 1225.-Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.18	4.38	3.70	3.77	4.37	4.33	2.75	1.92	0.50	2.96	5.23	5.11
10	5.39	4.42	3.64	3.46	4.37	4.14	2.55	1.57	1.09	3.31	5.16	5.16
15	4.72	4.36	3.77	3.34	4.46	3.89	2.71	1.35	1.53	3.25	5.48	4.40
20	4.34	---	4.10	3.58	4.06	3.63	2.46	1.07	2.01	4.02	5.44	4.18
25	4.11	3.78	4.06	3.46	4.80	3.30	2.22	0.92	2.11	3.66	5.54	4.16
EOM	4.06	3.77	3.94	4.44	4.47	2.96	1.95	0.67	2.76	4.16	4.93	4.05
MAX	7.01	---	4.20	4.45	4.80	4.46	2.94	1.95	---	4.16	5.70	5.32



COLLIER COUNTY—Continued

WELL NUMBER.--260632081324702. Local Number C 690.

LOCATION.--Lat 26°06'34", long 81°32'35", in SW 1/4 SE 1/4 sec.12, T.50 S., R.28 E., Hydrologic Unit 03090204, 30 ft southeast of the intersection of 70th Street and Everglades Boulevard, 3.1 mi south of U.S. Interstate 75, 8.5 mi northeast of Royal Palm Hammock and 15.7 mi east of Naples.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 48 ft, cased to 43 ft, screened 43 to 48 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of recorder shelf, 11.84 ft above National Geodetic Vertical Datum of 1929. From February 1994 to August 25, 1998, top of shelf was 11.87 ft above NGVD. From October 1989 to February 1994, measuring point was top of casing, 13.10 ft above NGVD. From October 1980 to September 1989, measuring point was top of shelf, 11.46 ft above NGVD.

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

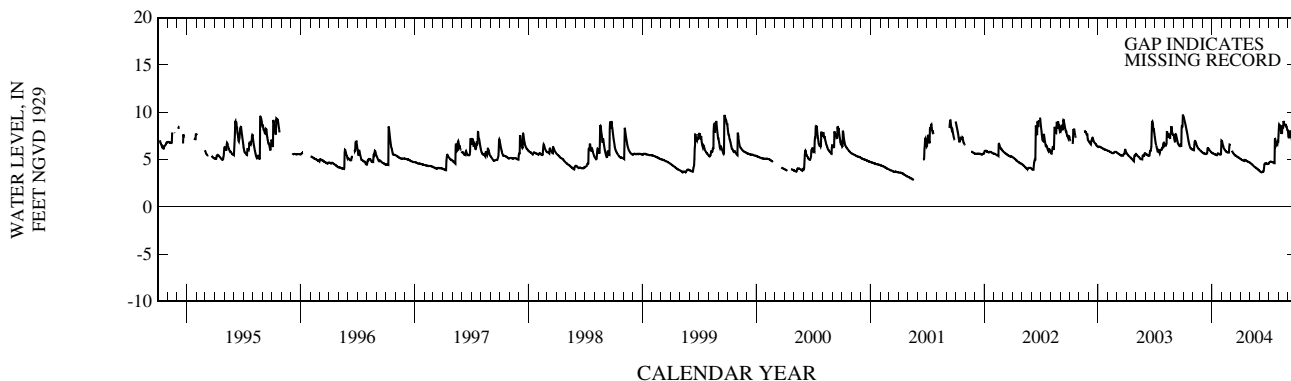
REMARKS.--The station was repaired August 25, 1998. See DATUM.

PERIOD OF RECORD.--October 1980 to June 1992 (daily), July 1992 to January 1994 (monthly), February 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.07 ft NGVD, July 24, 25, 1985; lowest, 2.50 ft NGVD, June 22, 1989, May 15, 20, 21, 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	9.10	6.62	5.67	5.64	6.49	5.88	4.98	4.57	3.70	4.76	8.32	7.40
10	8.29	6.78	5.61	5.56	6.08	5.63	4.88	4.42	3.69	4.75	7.71	7.56
15	7.36	6.33	5.63	5.50	5.84	5.44	4.97	4.26	4.06	4.69	8.39	6.83
20	6.52	6.10	6.17	5.65	5.77	5.34	4.86	4.12	4.62	7.16	8.71	6.27
25	6.17	5.93	5.94	5.57	6.31	5.21	4.78	4.02	4.56	6.59	8.64	6.01
EOM	6.05	5.78	5.73	7.02	---	5.09	4.69	3.84	4.55	6.94	8.05	5.96
MAX	9.59	6.96	6.23	7.02	---	---	5.07	4.67	4.62	7.17	9.06	7.99



COLLIER COUNTY—Continued

WELL NUMBER.--260640081204301. Local Number C 296.

LOCATION.--Lat 26°06'45", long 81°20'42", in SE 1/4 SE 1/4 sec.18, T.50 S., R.30 E., Hydrologic Unit 03090204, west of State Road 29, 3 mi south of U.S. Interstate 75, and 10.8 mi north of Copeland.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 45 ft, cased to 8 ft, open hole 8 to 45 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of casing, 18.16 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 14.3 ft above NGVD.

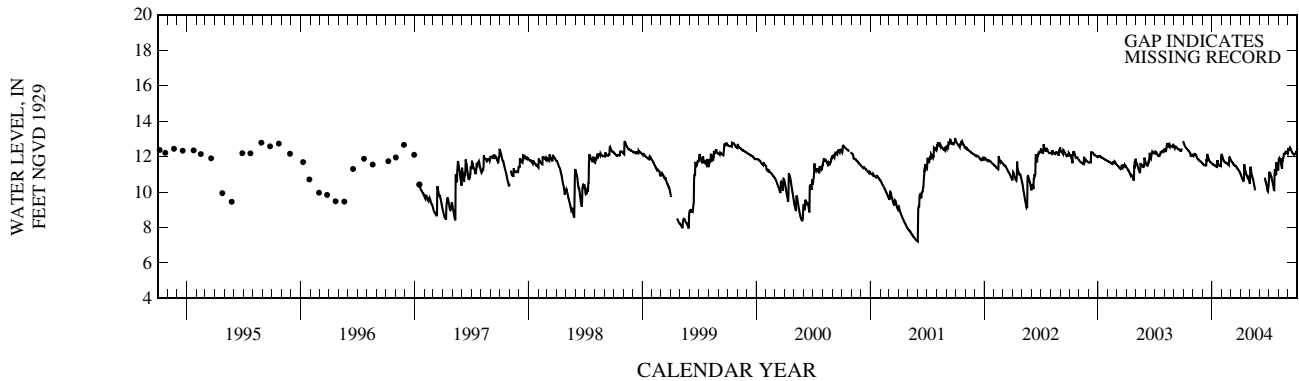
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--June 1959 to November 1984 (daily), November 1984 to December 1996 (monthly), January 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.06 ft NGVD, Sept. 12, 1960; lowest, 6.19 ft NGVD, June 4, 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	12.64	12.16	11.54	11.55	11.89	11.68	10.84	11.15	---	11.05	11.86	12.40
10	12.47	12.10	11.53	11.50	11.69	11.54	10.65	10.78	---	10.78	11.49	12.39
15	12.38	11.90	11.71	11.45	11.65	11.48	11.27	10.36	---	10.35	11.82	12.19
20	12.26	11.80	11.90	11.58	11.56	11.38	11.01	---	10.64	11.30	12.13	12.09
25	12.03	11.72	11.73	11.50	11.95	11.25	10.88	---	10.24	11.68	12.28	12.16
EOM	12.08	11.63	11.62	12.03	11.86	11.07	10.55	---	10.33	11.22	12.29	12.48
MAX	12.81	12.16	12.15	12.03	12.15	11.80	11.56	---	---	11.68	12.29	12.51



COLLIER COUNTY—Continued

WELL NUMBER.--260813081214302. Local Number C 1070.

LOCATION.--Lat 26°09'15", long 81°21'43", in NE 1/4 NE 1/4 sec.1, T.50 S., R.29 E., Hydrologic Unit 03090204, 45 ft south of Alligator Alley (U.S. Interstate 75), 1.0 mi west of State Road 29 on U.S. Interstate 75, 7.9 mi southwest of Sunniland.

AQUIFER.--Lower Tamiami aquifer of Miocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 205 ft, cased to 100 ft, 100 to 205 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 17.40 ft above National Geodetic Vertical Datum of 1929.

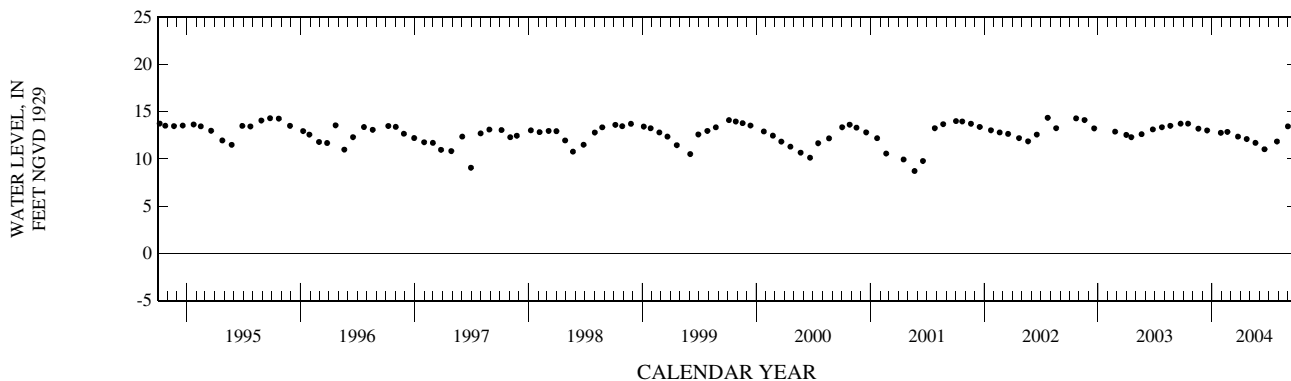
LAND-SURFACE DATUM.--Land surface is approximately 14.6 ft above NGVD.

PERIOD OF RECORD.--April 1986 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.35 ft NGVD, Aug. 19, 2002; lowest, 7.10 ft NGVD, June 26, 1989.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 16...	1006	13.73	APR 21...	1339	12.10
NOV 18...	1210	13.20	MAY 19...	1148	11.70
DEC 16...	1324	13.01	JUN 17...	1443	11.02
JAN 29...	1040	12.76	JUL 27...	1245	11.84
FEB 19...	1414	12.86	AUG 31...	0834	13.44
MAR 24...	1408	12.36	SEP 20...	1210	13.51



COLLIER COUNTY—Continued

WELL NUMBER.--260843081324201. Local Number C 973.

LOCATION.--Lat 26°08'43", long 81°32'38", in SW ¼ NE ¼ sec.6, T.50 S., R.28 E., Hydrologic Unit 03090204, at the northwest corner of 50th Avenue SE and Everglades Boulevard, 0.5 mi south of U.S. Interstate 75 and 15.75 mi east of Naples.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 150 ft, cased to 90 ft, open hole 90 to 150 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 14.48 ft above National Geodetic Vertical Datum of 1929.

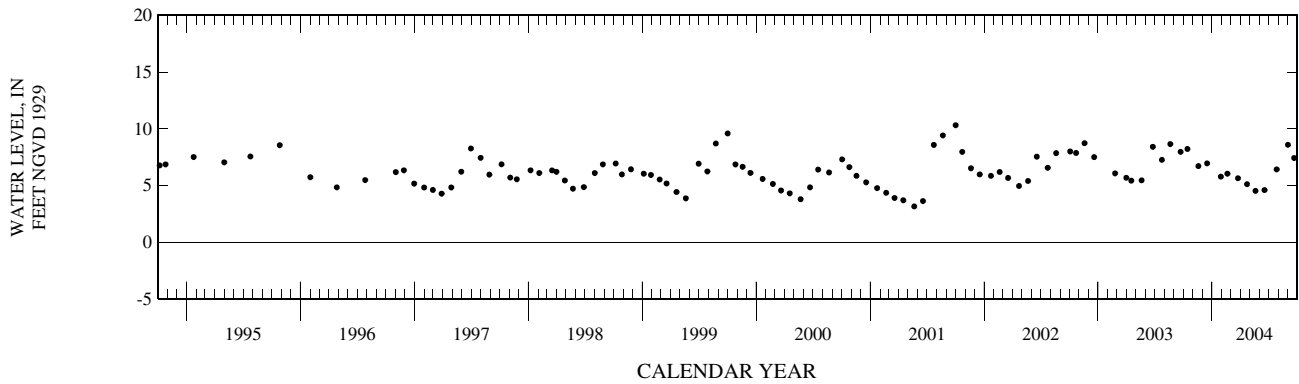
LAND-SURFACE DATUM.--Land surface is approximately 11.2 ft above NGVD.

PERIOD OF RECORD.--November 1984 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.15 ft NGVD, Sept. 25, 1985; lowest, 3.06 ft NGVD, May 25, 1990.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 14...	1106	8.23	APR 22...	1422	5.13
NOV 18...	0935	6.72	MAY 19...	0850	4.54
DEC 16...	0845	6.96	JUN 17...	1139	4.61
JAN 29...	1306	5.79	JUL 26...	1327	6.43
FEB 19...	1029	6.05	AUG 31...	1255	8.60
MAR 24...	1108	5.65	SEP 20...	1332	7.43





COLLIER COUNTY—Continued

WELL NUMBER.--260843081324202. Local Number C 972.

LOCATION.--Lat 26°08'43", long 81°32'38", in SW 1/4 NE 1/4 sec.6, T.50 S., R.28 E., Hydrologic Unit 03090204, at the northwest corner of 50th Avenue SE and Everglades Boulevard, 0.5 mi south of U.S. Interstate 75 and 15.75 mi east of Naples.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 25 ft, open hole 25 to 40 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 13.59 ft above National Geodetic Vertical Datum of 1929. Prior to March 28, 1994, top of casing was 15.58 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 11.2 ft above NGVD.

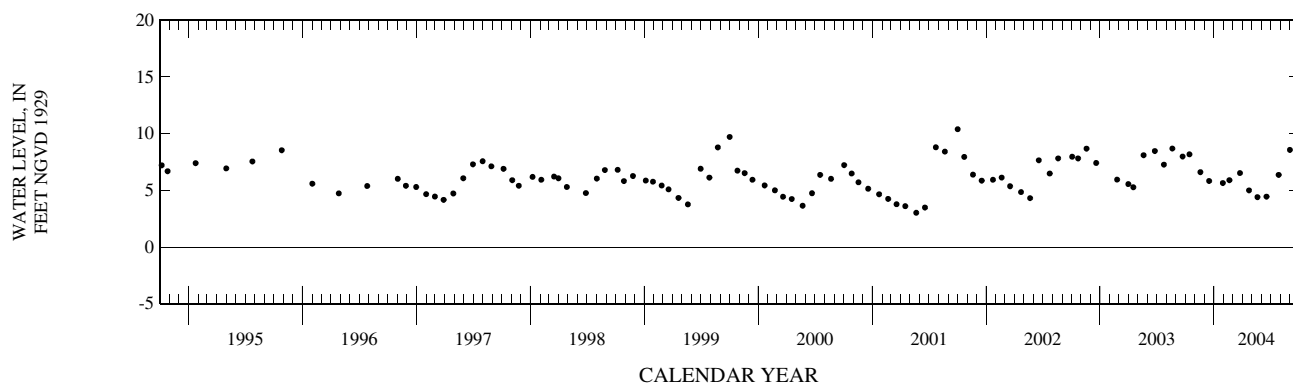
REMARKS.--Station damaged March 28, 1994, reconstructed June 8, 1994. See DATUM.

PERIOD OF RECORD.--October 1984 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.90 ft NGVD, Aug. 29, 1985; lowest, 2.99 ft NGVD, May 25, 1990.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 14...	1104	8.17	APR 22...	1420	4.99
NOV 18...	0940	6.60	MAY 19...	0849	4.40
DEC 16...	0858	5.82	JUN 17...	1141	4.44
JAN 29...	1302	5.64	JUL 26...	1325	6.36
FEB 19...	1027	5.89	AUG 31...	1254	8.56
MAR 24...	1111	6.52	SEP 20...	1334	7.34



COLLIER COUNTY—Continued

WELL NUMBER.--260902081480401. Local Number C 130.

LOCATION.--Lat 26°09'01", long 81°48'23", in NE 1/4 NW 1/4 NE 1/4 sec.4, T.50 S., R.25 E., Hydrologic Unit 03090204, on the north side of 4th Avenue, 300 ft east of Gulf Shore Boulevard N, in Naples.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 71 ft, cased to 69 ft, open hole 69 to 71 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of flange, 7.82 ft above National Geodetic Vertical Datum of 1929. From October 1986 to October 2000, the measuring point was incorrectly considered to be top of shelf, 7.96 ft above NGVD. See REMARKS. From 1978 to September 1986, the measuring point was top of casing 7.89 ft above NGVD. From 1955 to 1958, top of casing was 7.94 ft above NGVD.

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

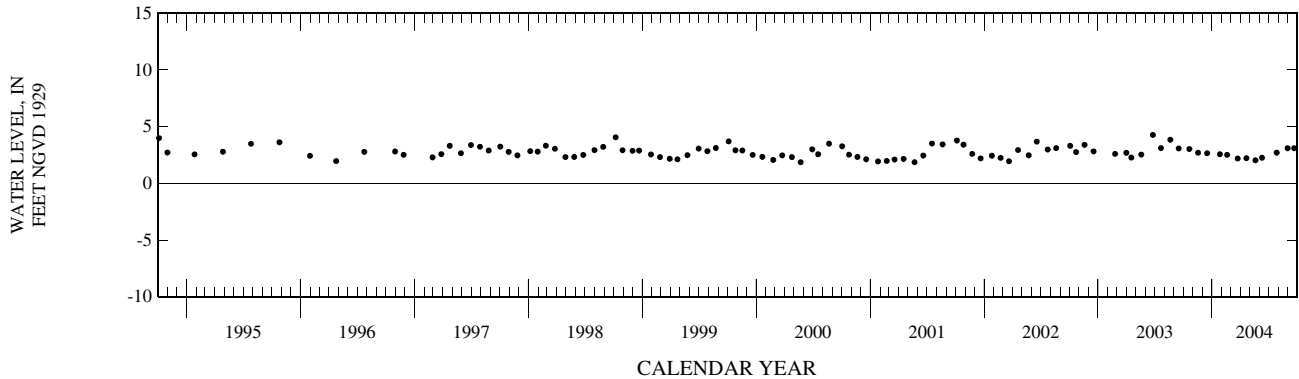
REMARKS.--The figures of water levels as elevation, in ft NGVD, are in error for water years 1986 to 2000. A correction of -0.14 ft is required to correct water-level data. Records of water levels prior to October 1983 are in the files of the U.S. Geological Survey. See DATUM.

PERIOD OF RECORD.--July 1952 to June 1958 (daily), June 1958 to September 1982 (semiannual), September 1982 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level recorded, 5.44 ft NGVD, Sept. 5, 1957; lowest water level measured, 0.03 ft NGVD, May 7, 1974.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	1108	3.02	APR 20...	1116	2.21
NOV 17...	1101	2.69	MAY 19...	1005	2.03
DEC 16...	0903	2.65	JUN 09...	0916	2.25
JAN 26...	1159	2.56	JUL 26...	1232	2.70
FEB 18...	0929	2.51	AUG 30...	1213	3.09
MAR 23...	0933	2.18	SEP 20...	0936	3.09



COLLIER COUNTY—Continued

WELL NUMBER.--260915081385901. Local Number C 976.

LOCATION.--Lat 26°09'16", long 81°38'47", in SW 1/4 SW 1/4 sec.31, T.49 S., R.27 E., Hydrologic Unit 03090204, 32 ft south of U.S. Interstate 75, 1.20 mi east of Naples.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 10 ft, open hole 10 to 40 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 15.25 ft above National Geodetic Vertical Datum of 1929.

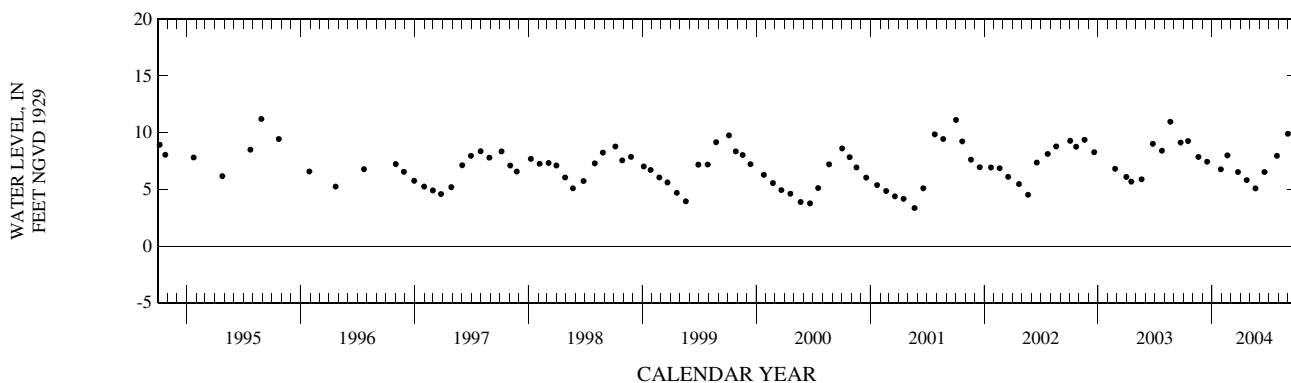
LAND-SURFACE DATUM.--Land surface is approximately 11.7 ft above NGVD.

PERIOD OF RECORD.--October 1984 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.20 ft NGVD, Aug. 28, 1995; lowest, 2.24 ft NGVD, May 23, 1994.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 16...	1028	9.25	APR 21...	1401	5.81
NOV 18...	1229	7.85	MAY 19...	1209	5.08
DEC 16...	1355	7.43	JUN 17...	1505	6.52
JAN 29...	1100	6.76	JUL 27...	1308	7.95
FEB 19...	1416	7.99	AUG 31...	0810	9.89
MAR 24...	1429	6.52	SEP 20...	1232	8.81



COLLIER COUNTY—Continued

WELL NUMBER.--260915081385902. Local Number C 977.

LOCATION.--Lat 26°09'15", long 81°38'48", in SE 1/4 SW 1/4 sec.31, T.49 S., R.27 E., Hydrologic Unit 03090204, 32 ft south of U.S. Interstate 75 and 9 mi east of Naples.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 140 ft, cased to 75 ft, open hole 75 to 140 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 15.94 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 11.3 ft above NGVD.

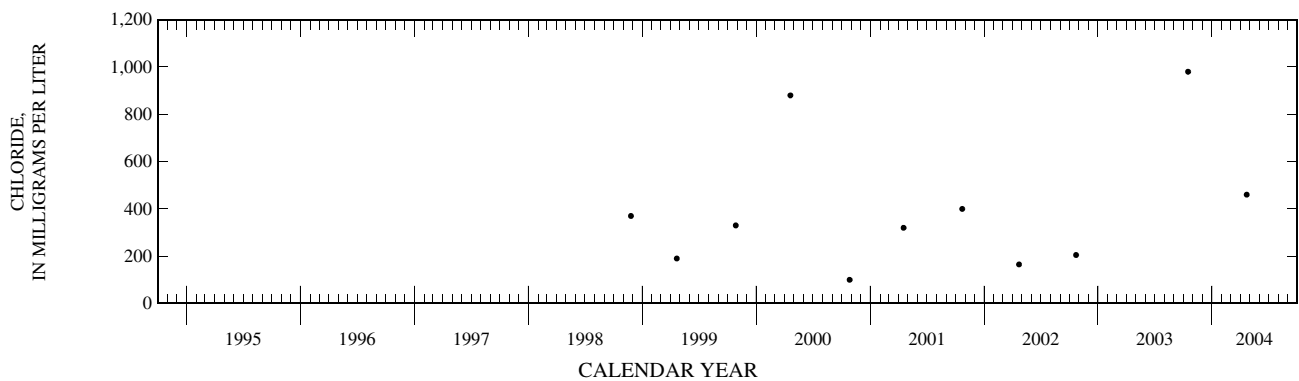
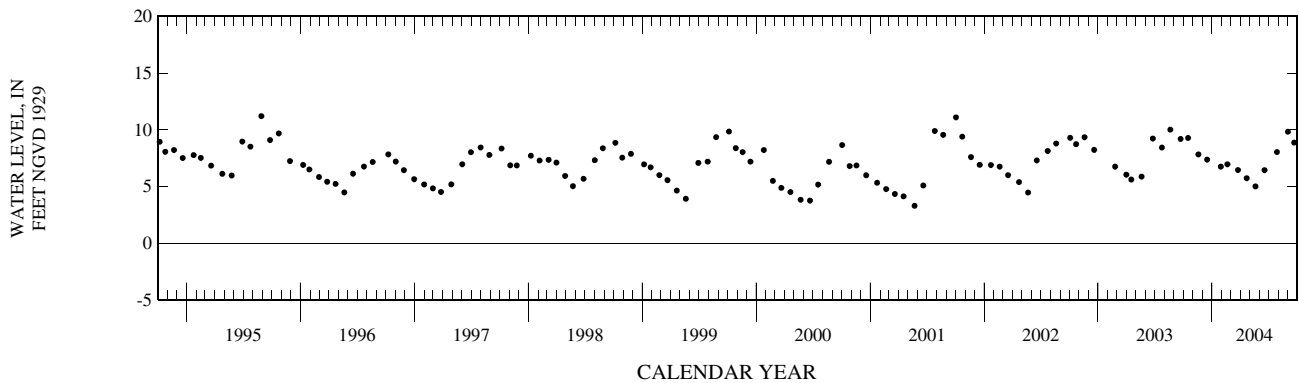
REMARKS.--Well is also used for salinity monitoring until September 2004. This well is obstructed at a depth of 128 ft making it impossible to collect a sample from the bottom of the well. Samples are collected from a depth of 128 ft. Sampling procedures for this well were reassessed in the 2001 water year. Data collected prior to 2001 are available in the files of the U.S. Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.21 ft NGVD, Aug. 28, 1995; lowest, 3.31 ft NGVD, May 22, 2001.

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				
16...	1032	9.29	4,060	980	21...	1402	5.74	2,200	460
NOV					MAY				
18...	1232	7.84	--	--	19...	1210	5.02	--	--
DEC					JUN				
16...	1359	7.38	--	--	17...	1507	6.45	--	--
JAN					JUL				
29...	1105	6.76	--	--	27...	1311	8.05	--	--
FEB					AUG				
19...	1439	6.97	--	--	31...	0811	9.84	--	--
MAR					SEP				
24...	1431	6.46	--	--	20...	1229	8.88	--	--



## COLLIER COUNTY—Continued

WELL NUMBER.--260919081460501. Local Number C 1052.

LOCATION.--Lat 26°09'22", long 81°46'05", in NE ¼ SE ¼ SE ¼ sec.35, T.49 S., R.25 E., Hydrologic Unit 03090204, 250 ft west and 1,100 ft north of Junction of County Road 31 and State Road 856, 1.5 mi east of Naples Post Office.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 10 ft, screened 10 to 25 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 8.12 ft above National Geodetic Vertical Datum of 1929. From January 1995 to October 2000, top of casing was incorrectly considered to be 8.05 ft above NGVD. Prior to November 1994, top of casing was 10.76 ft above NGVD. See REMARKS.

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

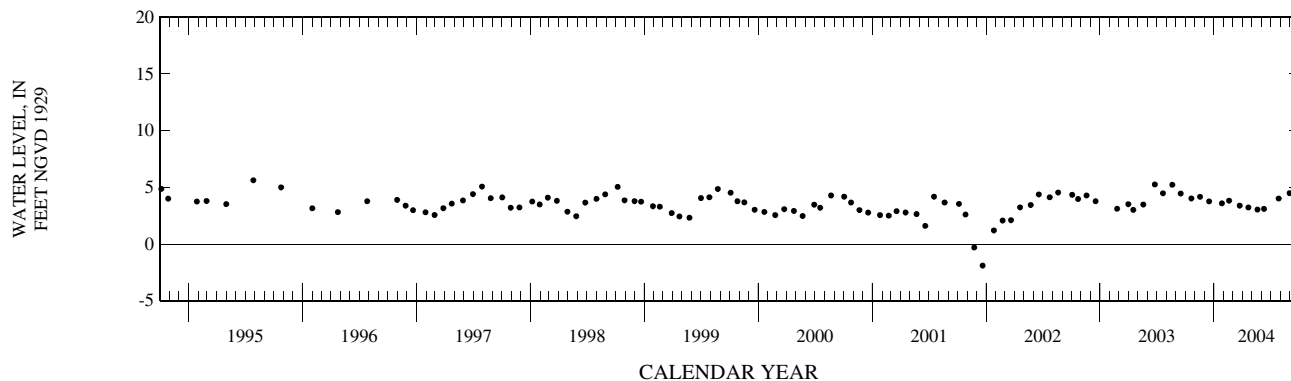
REMARKS.--The figures of water level as elevation, in feet NGVD, from January 1995 to October 2000 are in error. A +0.07 ft correction has been applied to correct water-level data from January 1995 to October 2000. Corrected records are in the files of the U.S. Geological Survey. The well was damaged November 1994, repaired February 1995. See DATUM.

PERIOD OF RECORD.--April 1986 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.62 ft NGVD, July 27, 1995 (current datum); lowest, 1.90 ft below NGVD, December 20, 2002.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT			APR		
20...	1049	4.02	20...	1050	3.22
NOV			MAY		
17...	1034	4.16	19...	0944	3.04
DEC			JUN		
16...	0844	3.76	09...	0856	3.10
JAN			JUL		
26...	1045	3.59	26...	1209	4.01
FEB			AUG		
18...	0908	3.82	30...	1138	4.48
MAR			SEP		
23...	0842	3.38	20...	0912	3.99



COLLIER COUNTY—Continued

WELL NUMBER.--260925081475101. Local Number C 1062.

LOCATION.--Lat 26°09'25", long 81°47'52", in SW 1/4 NW 1/4 SW 1/4 sec.34, T.49 S., R.25 E., Hydrologic Unit 03090204, 15 ft south of Golf Drive and 100 ft west of U.S. Highway 41, 2.8 mi northwest of Collier County Government Center.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 24 ft, cased to 10 ft, screened 10 to 24 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 13.97 ft above National Geodetic Vertical Datum of 1929.

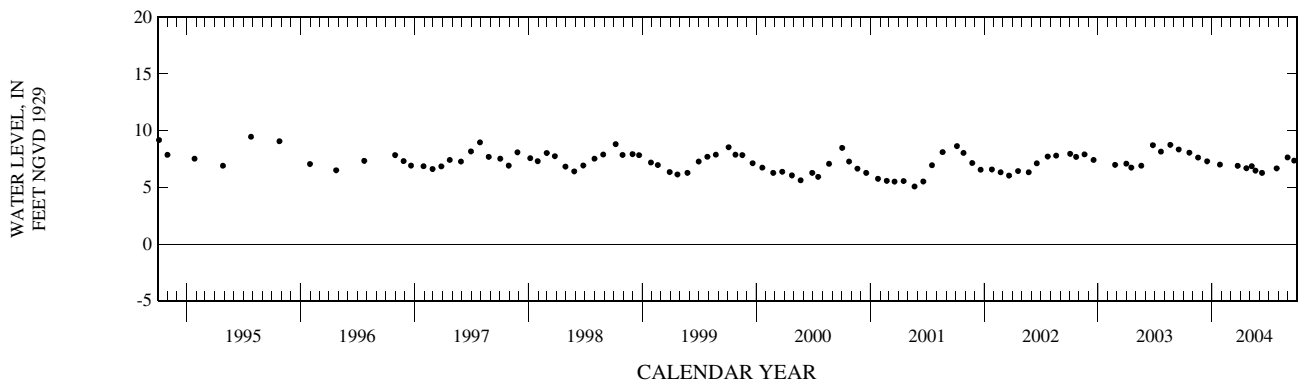
LAND-SURFACE DATUM.--Land surface is approximately 10.8 ft NGVD.

PERIOD OF RECORD.--April 1986 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.45 ft NGVD, July 26, 1995; lowest, 4.31 ft NGVD, May 26, 1987.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	1118	8.05	MAY 07...	0905	6.86
NOV 17...	1117	7.62	NOV 19...	1017	6.47
DEC 16...	0916	7.29	JUN 09...	0928	6.27
JAN 26...	1213	7.00	JUL 26...	1251	6.67
MAR 23...	0944	6.89	AUG 30...	1225	7.63
APR 20...	1132	6.68	SEP 20...	0946	7.35



COLLIER COUNTY—Continued

WELL NUMBER.--260941081324201. Local Number C 974.

LOCATION.--Lat 26°09'40", long 81°32'40", in SW 1/4 NE 1/4 sec.31, T.49 S., R.28 E., Hydrologic Unit 03090204, 30 ft south of 38th Avenue SE, 100 ft west of Everglades Boulevard, 0.5 mi north of U.S. Interstate 75 and 15.75 mi east of Naples.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 460 ft, cased to 400 ft, open hole 400 to 460 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Measuring point: Top of casing, 10.10 ft above National Geodetic Vertical Datum of 1929.

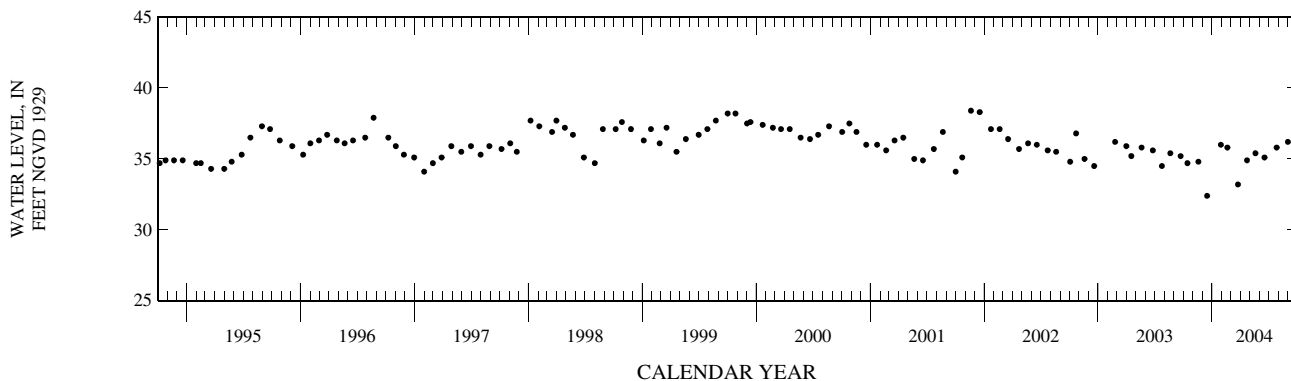
LAND-SURFACE DATUM.--Land surface is approximately 10.0 ft above NGVD.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.7 ft NGVD, Jan. 28, 1991; lowest, 29.1 ft NGVD, June 17, 1991.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 14...	1056	34.7	APR 22...	1413	34.9
NOV 18...	0920	34.8	MAY 19...	0844	35.4
DEC 16...	0838	32.4	JUN 17...	1133	35.1
JAN 29...	1246	36.0	JUL 26...	1321	35.8
FEB 19...	1017	35.8	AUG 31...	1305	36.2
MAR 24...	1045	33.2	SEP 20...	1328	36.4



WELL NUMBER.--261000080520001. Local Number C 54.

LOCATION.--Lat 26°10'21", long 80°53'00", in SW ¼ SE ¼ sec.36, T.49 S., R.34 E., Hydrologic Unit 03090204, on the south side of U.S. Interstate 75, 0.3 mi west of Broward/Collier Line, 2.4 mi west of pump station 140 and 6.0 mi south of Big Cypress Indian Reservation.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 8.5 ft, cased to 7.2 ft, gravel-packed 7.2 to 8.5 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of flange, 15.70 ft above National Geodetic Vertical Datum of 1929. Prior to June 2002, measuring point was 15.74 ft above NGVD.

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

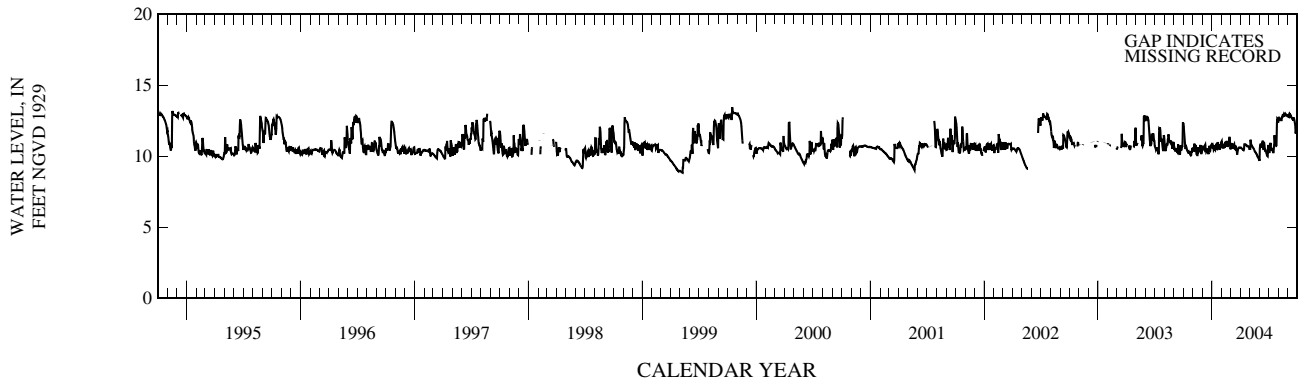
REMARKS.--Station was damaged on May 21, 2002, and was reconstructed on June 21, 2002.

PERIOD OF RECORD.--February 1951 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.81 ft NGVD, Oct. 9, 1953; lowest, 7.81 ft NGVD, June 13, 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	11.23	10.89	10.73	10.69	10.61	10.92	10.55	10.81	10.83	10.85	12.65	12.99
10	10.68	10.57	10.80	10.49	10.59	10.60	10.45	10.65	10.96	10.37	12.48	12.79
15	10.33	10.08	10.54	10.84	10.91	10.67	10.83	10.44	11.01	10.21	12.90	12.62
20	10.24	10.36	10.15	10.94	10.93	10.37	10.77	10.23	10.45	11.17	12.80	12.59
25	10.06	10.79	10.46	10.45	11.31	10.55	10.71	10.01	10.05	10.76	12.92	11.60
EOM	10.61	10.69	10.74	11.00	10.49	10.62	10.52	9.78	10.66	12.38	12.84	11.79
MAX	12.30	10.89	10.80	11.00	11.31	10.92	10.84	11.16	11.09	12.64	12.99	12.99





COLLIER COUNTY—Continued

WELL NUMBER.--261018081484101. Local Number C 526.

LOCATION.--Lat 26°10'18", long 81°48'42", in NW ¼ SW ¼ SE ¼ sec.28, T.49 S., R.25 E., Hydrologic Unit 03090204, at the southeast corner of Gulf Shore Boulevard and Mooring Line Drive, 1.3 mi northwest of the Naples Post Office.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 68 ft, cased to 63 ft, open hole 63 to 68 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 5.71 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 6.7 ft above NGVD. (Corrected).

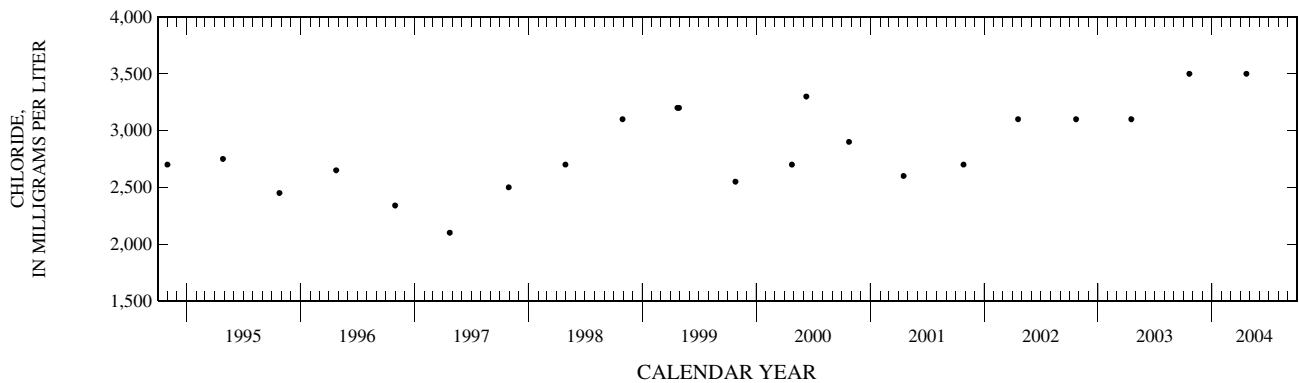
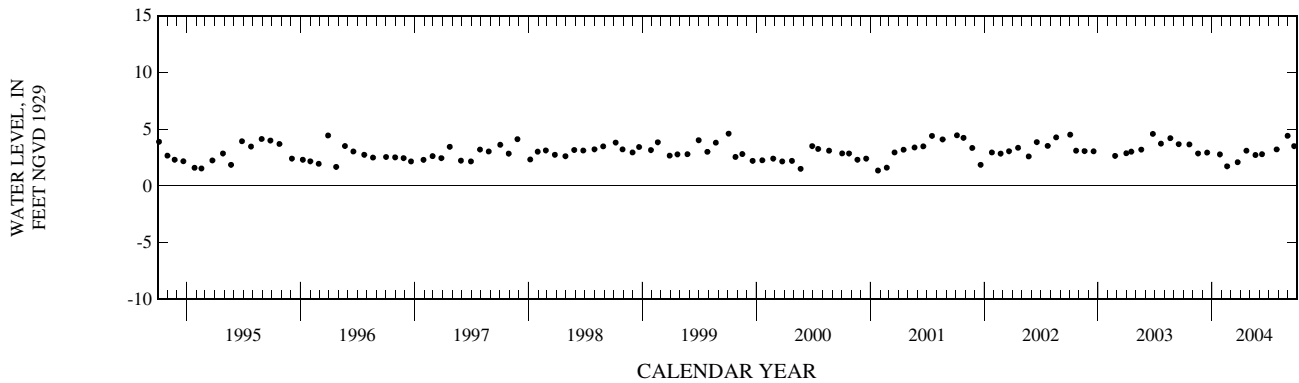
REMARKS.--Well is also used for salinity monitoring. Records of water levels prior to October 1983 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--September 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.61 ft NGVD, Oct. 4, 1999; lowest, 0.47 ft below NGVD, May 7, 1974.

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 20...	1146	3.66	11,400	3,500	APR 20...	1241	3.11	11,800	3,500
NOV 17...	1126	2.86	--	--	MAY 19...	1026	2.73	--	--
DEC 16...	0923	2.94	--	--	JUN 09...	0935	2.80	--	--
JAN 26...	1224	2.78	--	--	JUL 26...	1257	3.22	--	--
FEB 18...	0949	1.73	--	--	AUG 30...	1248	4.42	--	--
MAR 23...	0952	2.09	--	--	SEP 20...	0954	3.51	--	--



COLLIER COUNTY—Continued

WELL NUMBER.--261023081463702. Local Number C 1100.

LOCATION.--Lat 26°10'23", long 81°46'37", in NW ¼ NE ¼ SW ¼ sec.26, T.49 S., R.25 E., Hydrologic Unit 03090204, 7.5 ft south of Golden Gate Parkway, (County Road 886), and 0.75 mi west of County Road 31, 3.2 mi north of Collier County Government Center.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 16 ft, screened 11 to 16 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of 4 in. PVC casing, 6.33 ft above National Geodetic Vertical Datum of 1929.

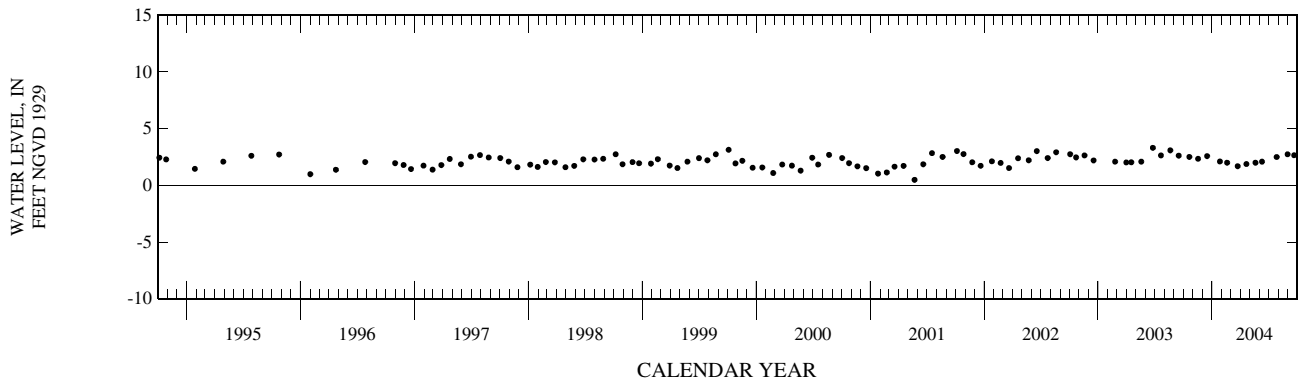
LAND-SURFACE DATUM.--Land surface is approximately 6.8 ft above NGVD.

PERIOD OF RECORD.--September 1993 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.30 ft NGVD, June 25, 2003; lowest, 0.48 ft NGVD, May 22, 2001.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	1001	2.50	APR 20...	0938	1.87
NOV 17...	0955	2.34	MAY 19...	0857	1.99
DEC 16...	0739	2.57	JUN 09...	0803	2.08
JAN 26...	1014	2.10	JUL 26...	1126	2.49
FEB 18...	0804	1.99	AUG 30...	1235	2.73
MAR 23...	0745	1.68	SEP 20...	0827	2.65



COLLIER COUNTY—Continued

WELL NUMBER.--261124081470101. Local Number C 392.

LOCATION.--Lat 26°11'24", long 81°47'29", in SW 1/4 SW 1/4 NE 1/4 sec.22, T.49 S., R.25 E., Hydrologic Unit 03090204, 30 ft east of County Road 851, 1.4 mi south of County Road 896, and 4.7 mi northeast of Collier County Government Center.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in., depth 30 ft, casing 28 ft, open hole 28 to 30 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of recorder shelf, 10.10 ft above National Geodetic Vertical Datum of 1929. Prior to October 2000, measuring point was 9.98 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 9.7 ft above NGVD.

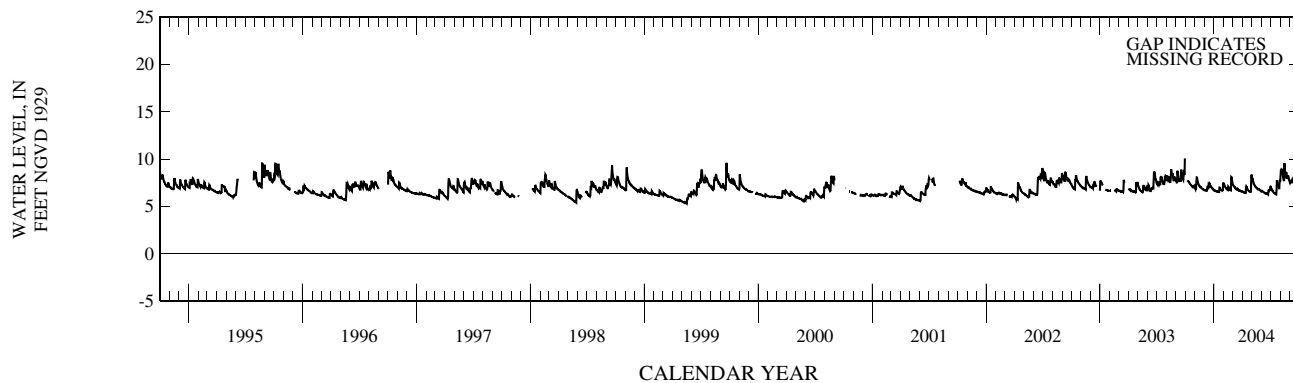
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey. Station was reconstructed in October 2000. See DATUM.

PERIOD OF RECORD.--January 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.09 ft NGVD, Sept. 29, 2003; lowest, 3.00 ft NGVD, May 24, 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	---	7.68	6.71	6.68	7.12	7.11	6.48	7.67	6.60	6.70	8.61	7.74
10	7.66	7.54	6.98	6.59	6.86	6.92	6.43	7.24	6.45	6.48	7.91	7.73
15	7.44	7.15	7.20	6.55	7.11	6.81	7.00	6.99	6.38	6.35	8.73	7.36
20	7.21	7.05	7.19	6.95	6.83	6.73	6.70	6.83	6.34	7.70	8.56	7.27
25	7.03	6.84	6.99	6.71	8.12	6.64	6.60	6.78	6.65	7.10	8.27	7.16
EOM	7.03	6.73	6.78	7.45	7.48	6.58	8.29	6.64	7.10	7.73	7.51	7.28
MAX	---	8.07	7.45	7.45	8.12	7.35	8.29	8.12	7.10	7.75	9.57	7.84



COLLIER COUNTY—Continued

WELL NUMBER.--261124081470301. Local Number C 391.

LOCATION.--Lat 26°11'24", long 81°47'32", in SE 1/4 SE 1/4 NW 1/4 sec.22, T.49 S., R.25 E., Hydrologic Unit 03090204, 10 ft east of North 14th Street, 1.4 mi south of County Road 896, and 4.7 mi northeast of Collier County Government Center.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 75 ft, cased to 70 ft.

INSTRUMENTATION.--Electronic data logger with pressure transducer.

DATUM.--Measuring point: Top of recorder shelf, 12.23 ft above National Geodetic Vertical Datum of 1929. Prior to March 23, 2004, top of base was 11.16 ft above NGVD. Prior to April 11, 1997, top of base was 11.13 ft above NGVD. (Corrected). See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 9.7 ft above NGVD.

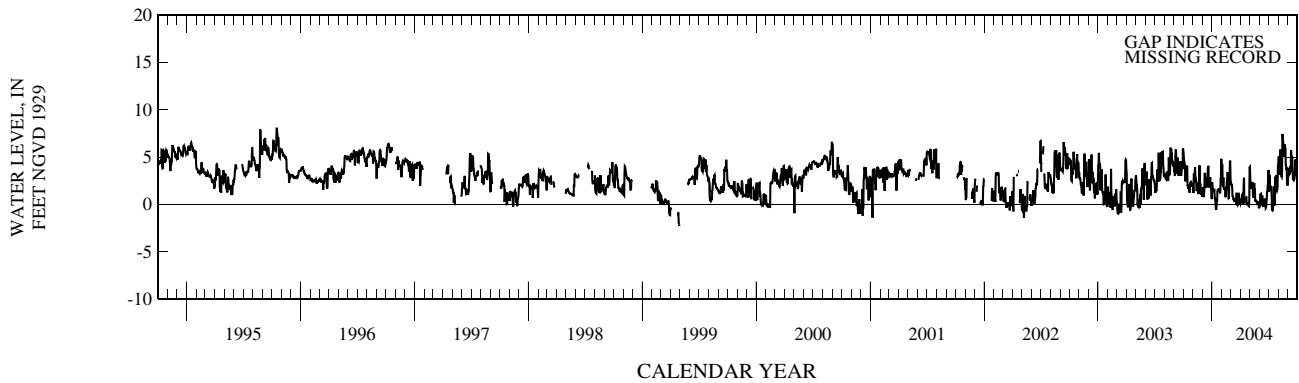
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey. Station reconstructed March 2004 and April 1997.

PERIOD OF RECORD.--January 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.70 ft NGVD, May 24, 1991; lowest, 6.21 ft below NGVD, May 5, 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	4.29	2.36	0.86	1.51	1.92	1.83	0.39	1.76	1.12	2.06	3.14	3.24
10	3.22	2.70	2.50	0.69	1.65	0.62	-0.02	2.36	0.82	0.98	3.01	5.74
15	2.04	2.14	2.30	-0.20	1.79	0.48	0.37	2.28	0.57	-0.04	7.00	3.40
20	1.37	2.23	4.01	1.60	3.42	1.16	0.75	0.27	0.19	1.94	6.37	2.63
25	2.13	1.44	2.58	1.32	2.87	1.11	0.05	0.24	1.33	3.13	4.11	4.59
EOM	2.19	0.83	0.57	4.75	2.55	0.08	3.93	-0.27	3.65	4.16	2.73	4.52
MAX	5.54	4.05	4.01	4.75	4.56	2.30	3.93	3.99	3.65	4.16	7.43	5.74



COLLIER COUNTY—Continued

WELL NUMBER.--261127081461001. Local Number C 1054.

LOCATION.--Lat 26°11'41", long 81°46'10", in NE 1/4 SE 1/4 NE 1/4 sec.23, T.49 S., R.25 E., Hydrologic Unit 03090204, 500 ft west of County Road 31 and 10 ft south of Bailey Lane and 1.4 mi south of Pine Ridge Road (County Road 896), 4.4 mi north of Collier County Government Center.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 10 ft, screened 10 to 25 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 12.03 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 9.3 ft above NGVD.

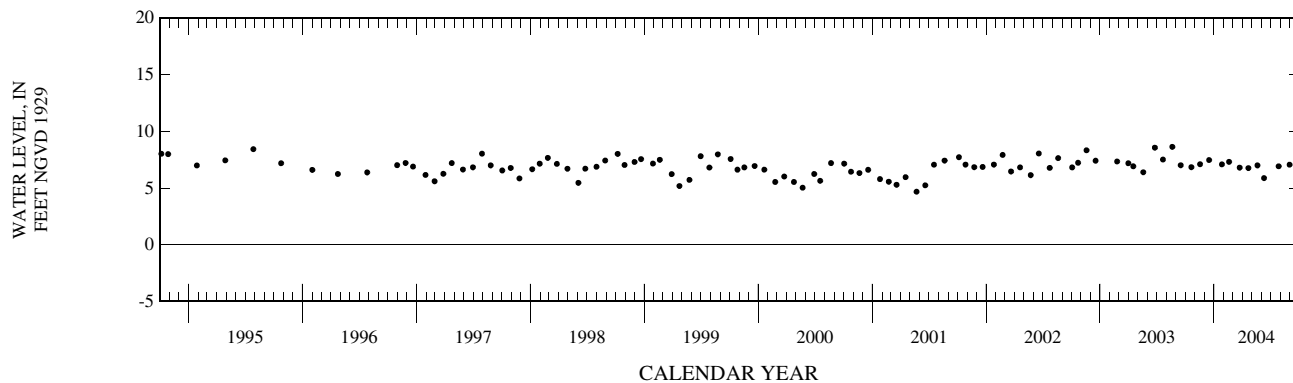
REMARKS.--Well discontinued September 2004.

PERIOD OF RECORD.--April 1986 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.15 ft NGVD, June 28, 1989; lowest, 4.67 ft NGVD, May 22, 2001.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	0953	6.83	APR 20...	0925	6.75
NOV 17...	0947	7.09	MAY 19...	0849	6.99
DEC 16...	0732	7.46	JUN 09...	0754	5.87
JAN 26...	0955	7.08	JUL 26...	1118	6.91
FEB 18...	0756	7.30	AUG 30...	1046	7.05
MAR 23...	0734	6.79	SEP 20...	0819	6.70



COLLIER COUNTY—Continued

WELL NUMBER.--261156081475801. Local Number C 516.

LOCATION.--Lat 26°11'56", long 81°47'58", in SW ¼ SW ¼ sec.15, T.49 S., R.25 E., Hydrologic Unit 03090204, 18 ft south of Morningside Drive, 300 ft east of U.S. Highway 41 in Naples.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 63 ft, cased to 46 ft, open hole 46 to 63 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 10.41 ft above National Geodetic Vertical Datum of 1929. From October 1992 to September 2000, top of casing was incorrectly considered to be 10.38 ft above NGVD. From October 1988 to September 1992, top of casing was considered to be 8.78 ft above NGVD. Prior to September 1988, top of casing was considered to be 11.93 ft above NGVD. The figures of water level as elevation, in feet NGVD, prior to October 2000 are considered to be in error. See REMARKS.

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

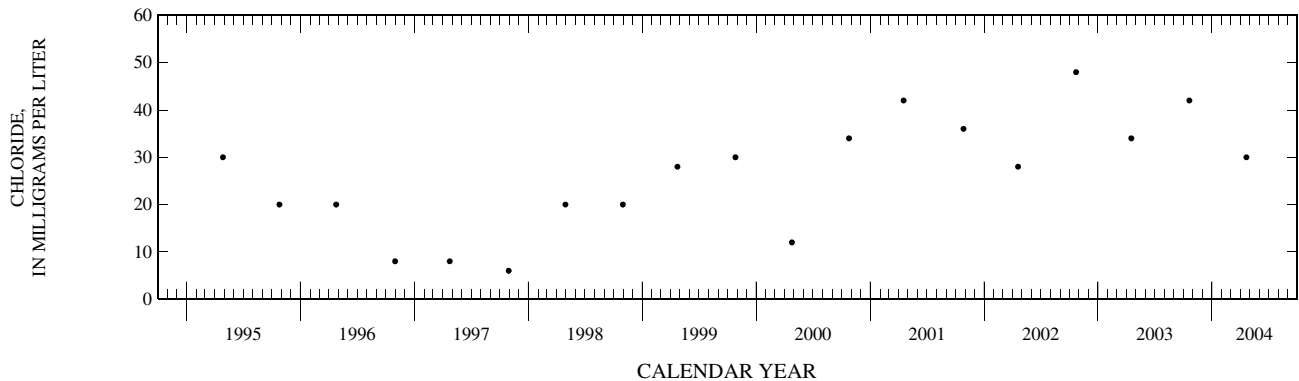
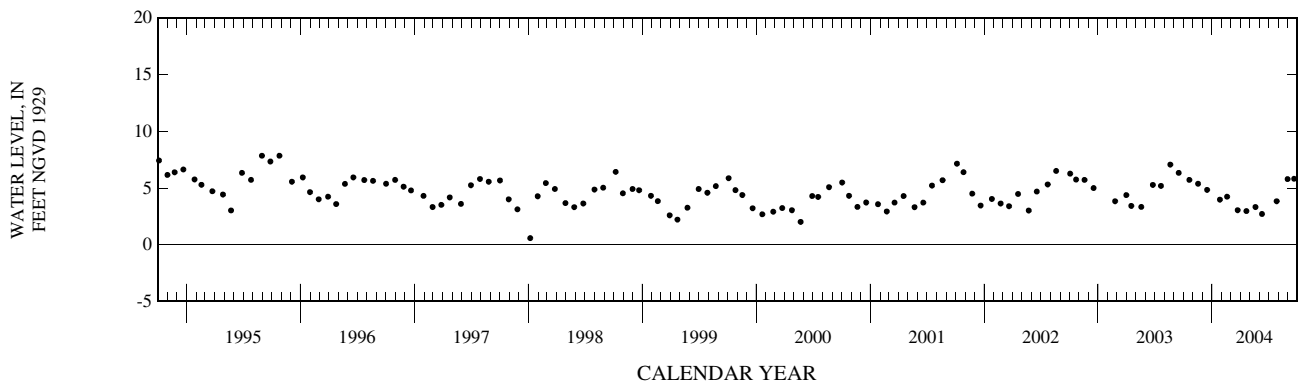
REMARKS.--Well is also used for salinity monitoring. The figures of water level as elevation, in feet NGVD, published prior to October 2000 are considered to be in error, based on a re-survey of the well in December 2001. A correction of +0.03 ft has been applied to water-level data from October 1979 to September 2000. Corrected records are in the files of the U.S. Geological Survey. See DATUM. Records of water levels prior to October 1984 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--October 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.84 ft NGVD, Aug. 30, Oct. 25, 1995; lowest, 3.88 ft below NGVD, May 7, 1974.

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				
20...	1234	5.71	624	42.0	20...	1353	2.96	563	30.0
NOV					MAY				
17...	1155	5.37	--	--	19...	1038	3.32	--	--
DEC					JUN				
16...	0938	4.83	--	--	09...	0952	2.71	--	--
JAN					JUL				
26...	1249	3.97	--	--	26...	1312	3.83	--	--
FEB					AUG				
18...	1005	4.23	--	--	30...	1321	5.78	--	--
MAR					SEP				
23...	1013	3.04	--	--	20...	1012	5.81	--	--



COLLIER COUNTY—Continued

WELL NUMBER.--261200081204901. Local Number C 986.

LOCATION.--Lat 26°12'03", long 81°20'48", in SE 1/4 SE 1/4 sec.18, T.49 S., R.30 E., Hydrologic Unit 03090204, 30 ft south of Fakahatchee Conservancy Club Road, 71 ft west of State Road 29, 3.4 mi north of U.S. Interstate 75 and 15.5 mi south of Immokalee.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 28 ft, open hole 28 to 40 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 20.39 ft above National Geodetic Vertical Datum of 1929.

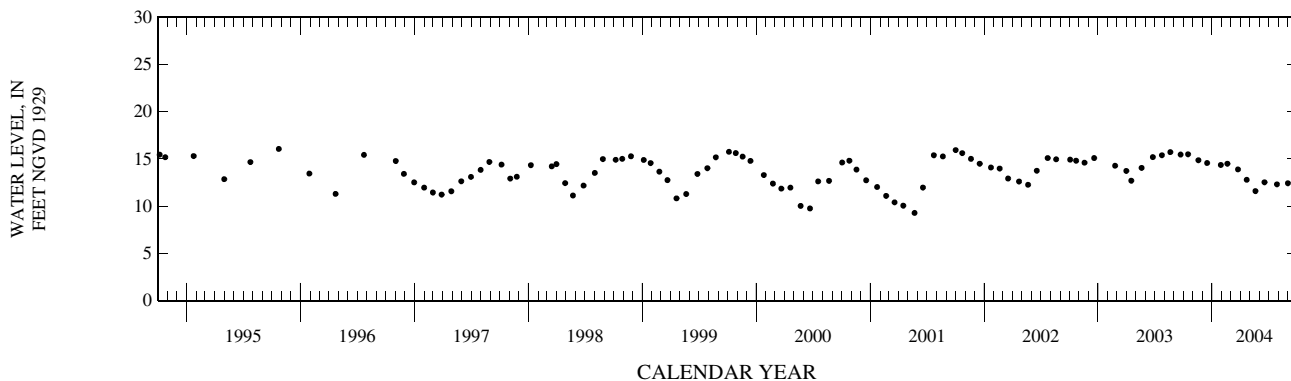
LAND-SURFACE DATUM.--Land surface is approximately 16.4 ft above NGVD.

PERIOD OF RECORD.--October 1984 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.06 ft NGVD, Oct. 23, 1995; lowest, 8.16 ft NGVD, June 26, 1989.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 16...	0950	15.49	APR 21...	1325	12.79
NOV 18...	1159	14.86	MAY 19...	1136	11.60
DEC 16...	1315	14.57	JUN 17...	1432	12.53
JAN 29...	1029	14.36	JUL 27...	1240	12.31
FEB 19...	1404	14.49	AUG 31...	0855	12.43
MAR 24...	1358	13.89	SEP 20...	1159	15.29



COLLIER COUNTY—Continued

WELL NUMBER.--261200081483001. Local Number C 528.

LOCATION.--Lat 26°11'59", long 81°48'30", in SE ¼ SW ¼ sec.16, T.49 S., R.25 E., Hydrologic Unit 03090204, 15 ft east and 15 ft north of the intersection of Crayton Road and Turtle Hatch Road and 2.25 mi northwest of the Naples Post Office.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 80 ft, cased to 63 ft, open hole 63 to 80 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 4.39 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 5.4 ft above NGVD. (Corrected).

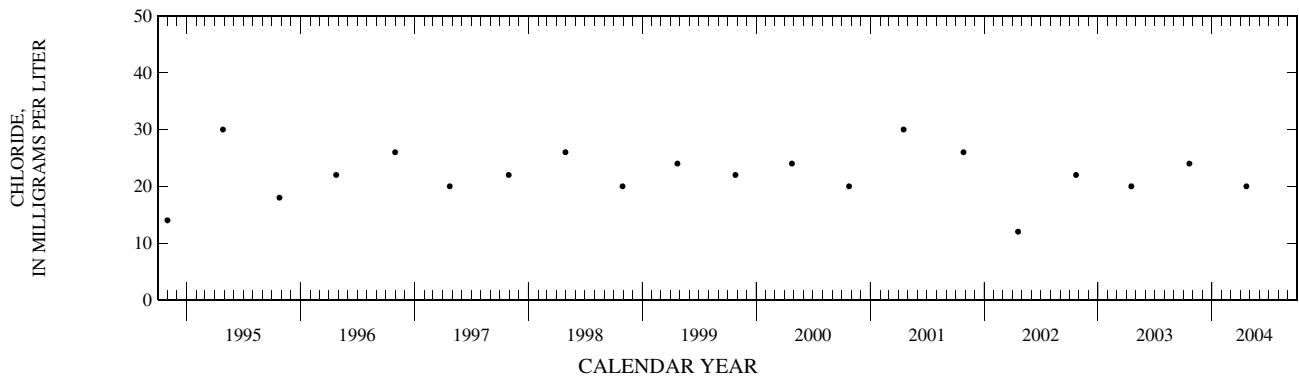
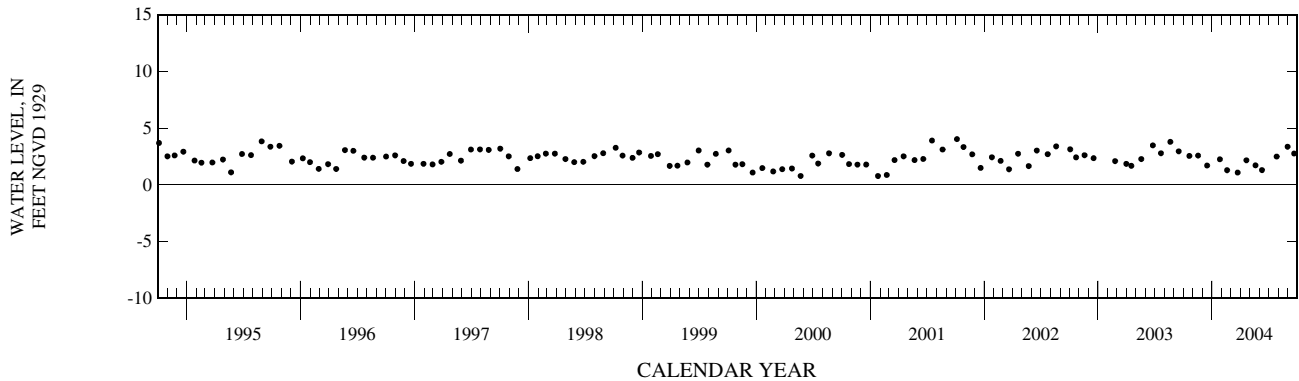
REMARKS.--Well is also used for salinity monitoring. The well was originally open to the aquifer from 63 to 80 ft. The open interval collapsed or became obstructed at a depth of 66 ft. During the 2001 water year chloride samples were collected using a pump. The exact depth from which the chloride-containing water emanated could not be further delineated.

PERIOD OF RECORD.--September 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, well flowing above 4.39 ft NGVD, July 29, 1985; lowest, 0.26 ft NGVD, June 12, 1989.

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

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unfiltered, 25 degC (00095)	Chloride, water, filtered, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unfiltered, 25 degC (00095)	Chloride, water, filtered, mg/L (00940)
OCT 20...	1205	2.56	421	24.0	APR 20...	1322	2.17	419	20.0
NOV 17...	1140	2.59	--	--	MAY 19...	1033	1.73	--	--
DEC 16...	0931	1.71	--	--	JUN 09...	0945	1.31	--	--
JAN 26...	1236	2.26	--	--	JUL 26...	1305	2.50	--	--
FEB 18...	0958	1.30	--	--	AUG 30...	1307	3.37	--	--
MAR 23...	1003	1.09	--	--	SEP 20...	1003	2.77	--	--





COLLIER COUNTY—Continued

WELL NUMBER.--261211081441301. Local Number C 1055.

LOCATION.--Lat 26°09'12", long 81°41'09", in NE ¼ NE ¼ sec.18, T.49 S., R.26 E., Hydrologic Unit 03090204, 200 ft west of U.S. Interstate 75 and 50 ft south of Pine Ridge Road (County Road 896), 6 mi northeast of Collier County Government Center.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 10 ft, screened 10 to 25 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 13.37 ft above National Geodetic Vertical Datum of 1929.

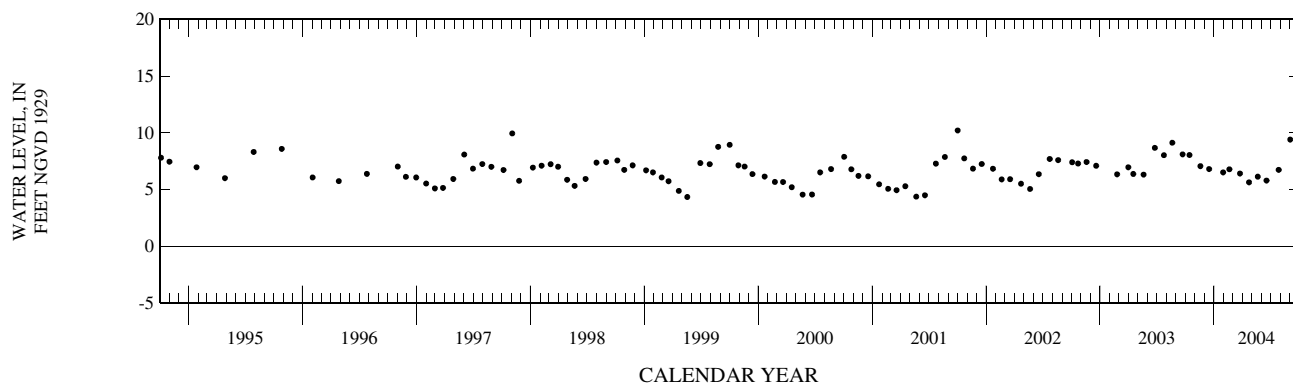
LAND-SURFACE DATUM.--Land surface is approximately 10.9 ft above NGVD.

PERIOD OF RECORD.--April 1986 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.21 ft NGVD, Oct. 1, 2001; lowest, 4.35 ft NGVD, May 18, 1999.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 14...	0928	8.05	APR 22...	1150	5.64
NOV 18...	0840	7.07	MAY 20...	0906	6.14
DEC 16...	0753	6.81	JUN 17...	1044	5.80
JAN 30...	0856	6.52	JUL 26...	1015	6.74
FEB 19...	0937	6.79	SEP 01...	0906	9.41
MAR 24...	0948	6.42	SEP 21...	1238	7.37



COLLIER COUNTY—Continued

WELL NUMBER.--261243081480301. Local Number C 490.

LOCATION.--Lat 26°13'14", long 81°48'01", in NW ¼ SW ¼ NW ¼ sec.10, T.49 S., R.25 E., Hydrologic Unit 03090204, 1.5 ft west of Trail Boulevard, 10 ft north of Center Street, 100 ft east of U.S. Highway 41 and northwest of the Naples Post Office.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 71 ft, cased to 70 ft, open hole 70 to 71 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 16.55 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 16.6 ft above NGVD.

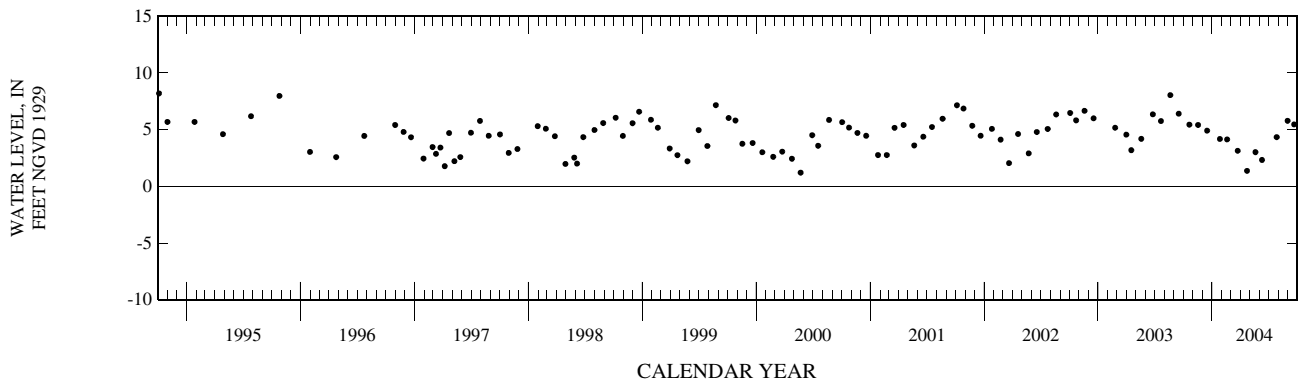
REMARKS.--Well was also used for salinity monitoring from October 1975 to April 1999. Chloride and conductivity profiles are available in the files of the U.S. Geological Survey. Records of water levels prior to October 1983 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--October 1975 to April 1982 (semiannual), October 1982 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.18 ft NGVD, Oct. 4, 1994; lowest, 0.32 ft below NGVD, May 13, 1976.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	1536	5.43	APR 22...	0911	1.36
NOV 17...	1356	5.40	MAY 19...	1240	3.01
DEC 16...	1150	4.90	JUN 09...	1108	2.32
JAN 26...	1505	4.17	JUL 26...	1518	4.33
FEB 18...	1217	4.13	AUG 30...	1533	5.77
MAR 23...	1201	3.13	SEP 20...	1036	5.45



COLLIER COUNTY—Continued

WELL NUMBER.--261302081473901. Local Number C 489.

LOCATION.--Lat 26°13'25", long 81°47'32", in NE ¼ NE ¼ NW ¼ sec.10, T.49 S., R.25 E., Hydrologic Unit 03090204, 15 ft west of Ridge Drive, 300 ft south of North Street in Naples.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in., depth 83 ft, cased to 63 ft, open hole 63 to 83 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 18.66 ft above National Geodetic Vertical Datum of 1929. Prior to December 1986, measuring point was top of base, 18.70 ft above NGVD.

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

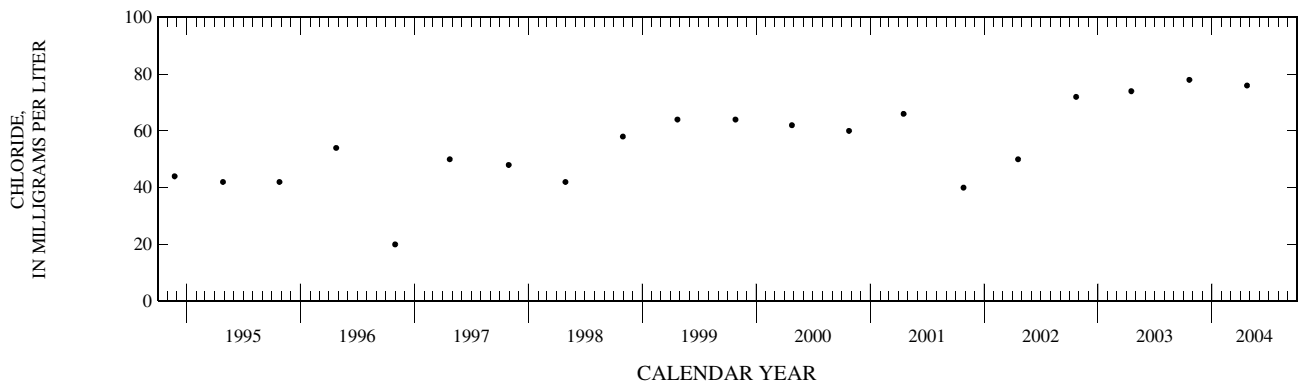
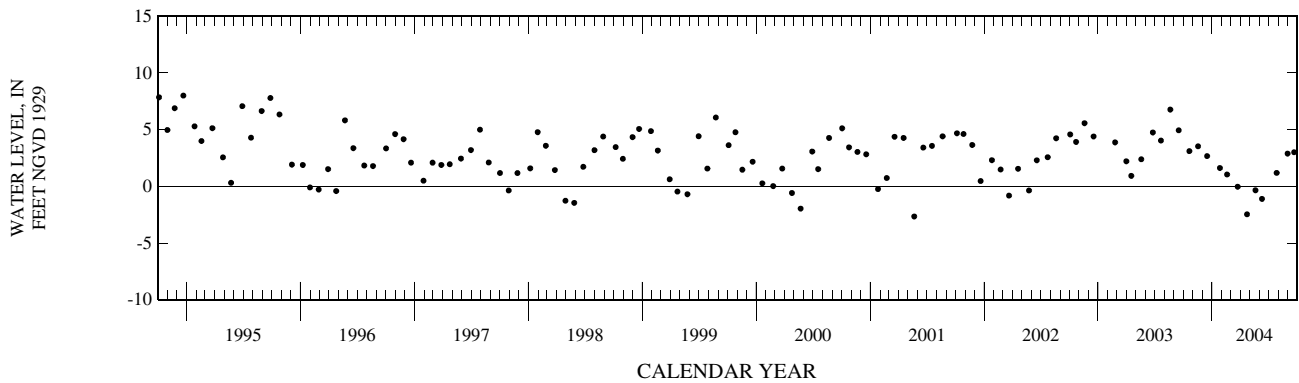
REMARKS.--Well is also used for salinity monitoring. Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--May 1970 to November 1986 (daily), December 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.20 ft NGVD, Sept. 24, 1970; lowest, 4.47 ft below NGVD, Apr. 30, 1976.

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 20...	1516	3.10	601	78.0	APR 22...	0850	-2.47	636	76.0
NOV 17...	1351	3.52	--	--	MAY 19...	1235	-.35	--	--
DEC 16...	1155	2.66	--	--	JUN 09...	1102	-1.11	--	--
JAN 26...	1449	1.61	--	--	JUL 26...	1512	1.18	--	--
FEB 18...	1212	1.04	--	--	AUG 30...	1526	2.88	--	--
MAR 23...	1157	-.04	--	--	SEP 20...	1034	3.00	--	--



COLLIER COUNTY—Continued

WELL NUMBER.--261311081480101. Local Number C 1061.

LOCATION.--Lat 26°13'11", long 81°48'01", in NW 1/4 SW 1/4 NW 1/4 sec.10, T.49 S., R.25 E., Hydrologic Unit 03090204, 150 ft south of Center Street and 200 ft east of U.S. Highway 41, 6.6 mi northwest of Collier County Government Center.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 10 ft, screened 10 to 25 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 17.78 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 14.9 ft above NGVD.

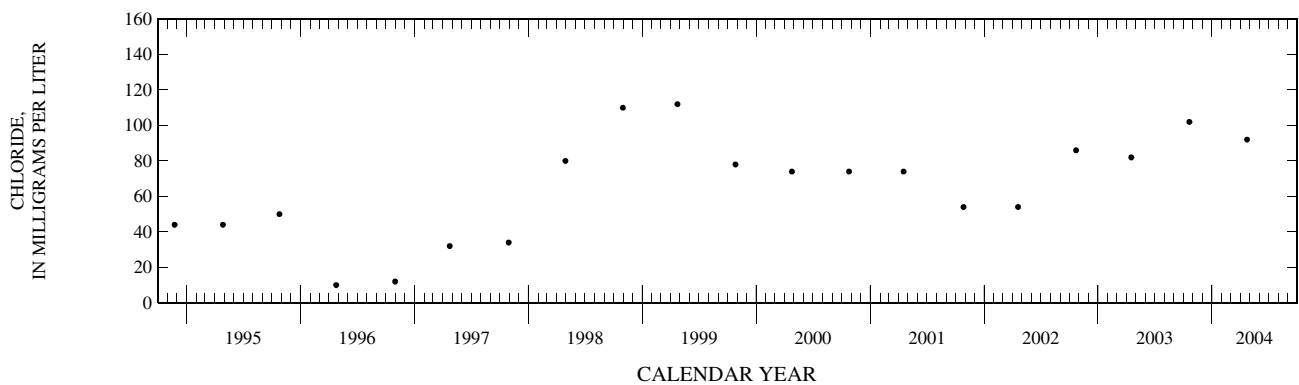
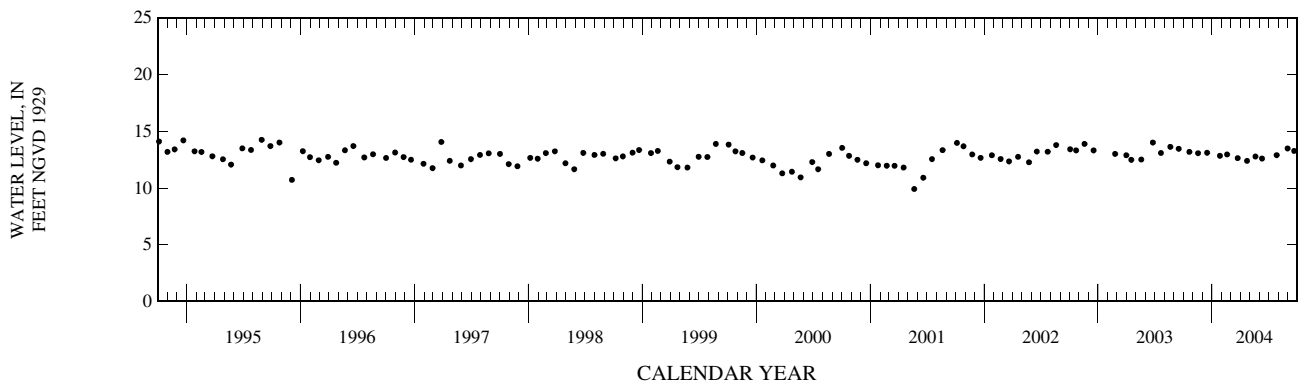
REMARKS.--Well is also used for salinity monitoring.

PERIOD OF RECORD.--April 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.95 ft NGVD, July 23, 1992; lowest, 9.91 ft NGVD, May 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 20...	1501	13.18	504	102	APR 22...	0836	12.39	613	92.0
NOV 17...	1344	13.06	--	--	MAY 19...	1222	12.77	--	--
DEC 16...	1144	13.10	--	--	JUN 09...	1057	12.59	--	--
JAN 26...	1503	12.83	--	--	JUL 26...	1507	12.89	--	--
FEB 18...	1206	12.95	--	--	AUG 30...	1521	13.48	--	--
MAR 23...	1151	12.63	--	--	SEP 20...	1026	13.26	--	--



COLLIER COUNTY—Continued

WELL NUMBER.--261343081384801. Local Number C 980.

LOCATION.--Lat 26°13'46", long 81°38'44", landnet not available, Hydrologic Unit 03090204, at southwest corner of Golden Gate Parkway and 19th Street SW, 2.5 mi east of County Road 951 and 10.5 mi northeast of Naples Post Office. See REMARKS.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 30 ft, cased to 15 ft, open hole 15 to 30 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 13.27 ft above National Geodetic Vertical Datum of 1929. Prior to May 31, 2001, top of casing was 17.77 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 15.0 ft above NGVD.

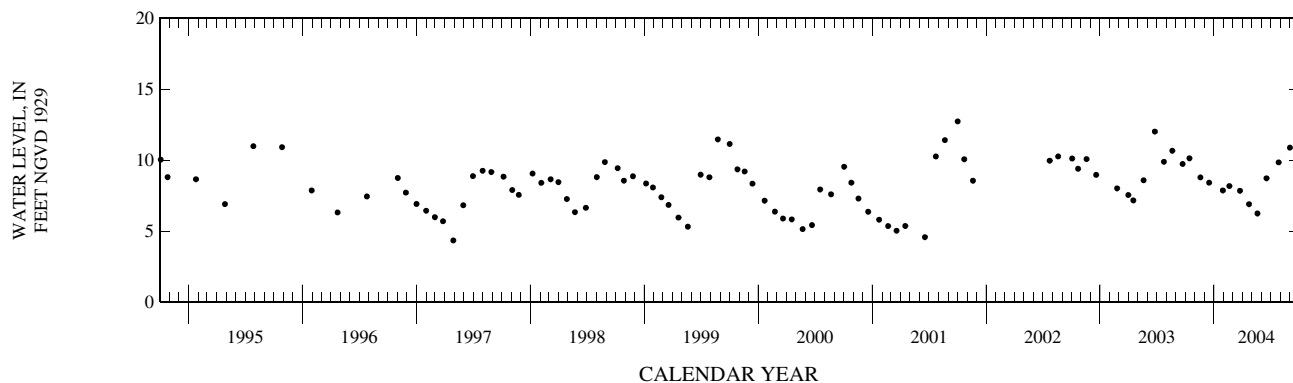
REMARKS.--Recent U.S. Geological Survey topographic maps do not provide landnet information for this area because it cannot be determined accurately. See LOCATION. Casing cut for new road construction in May 2001. See DATUM.

PERIOD OF RECORD.--October 1984 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.74 ft NGVD, Oct. 1, 2001; lowest, 4.35 ft NGVD, Apr. 28, 1997.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 14...	0945	10.14	APR 22...	1208	6.90
NOV 18...	0858	8.79	MAY 19...	0822	6.25
DEC 16...	0813	8.42	JUN 17...	1115	8.73
JAN 29...	1123	7.87	JUL 26...	1031	9.85
FEB 19...	0955	8.18	AUG 31...	1354	10.89
MAR 24...	1006	7.85	SEP 21...	1216	9.80



COLLIER COUNTY—Continued

WELL NUMBER.--261347081351201. Local Number C 953.

LOCATION.--Lat 26°13'48", long 81°35'13", in NW ¼ NW ¼ sec.11, T.49 S., R.27 E., Hydrologic Unit 03090204, at southwest corner of 10th Street SE and Golden Gate Boulevard, 2.3 mi west of Everglades Boulevard and 12.9 mi northeast of the Collier County Government Center.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 12 ft, open hole 12 to 40 ft.

INSTRUMENTATION.--Satellite data collection platform.

DATUM.--Measuring point: Top of recorder shelf, 16.34 ft above National Geodetic Vertical Datum of 1929. Prior to October 1995, measuring point was 16.69 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 12.4 ft above NGVD.

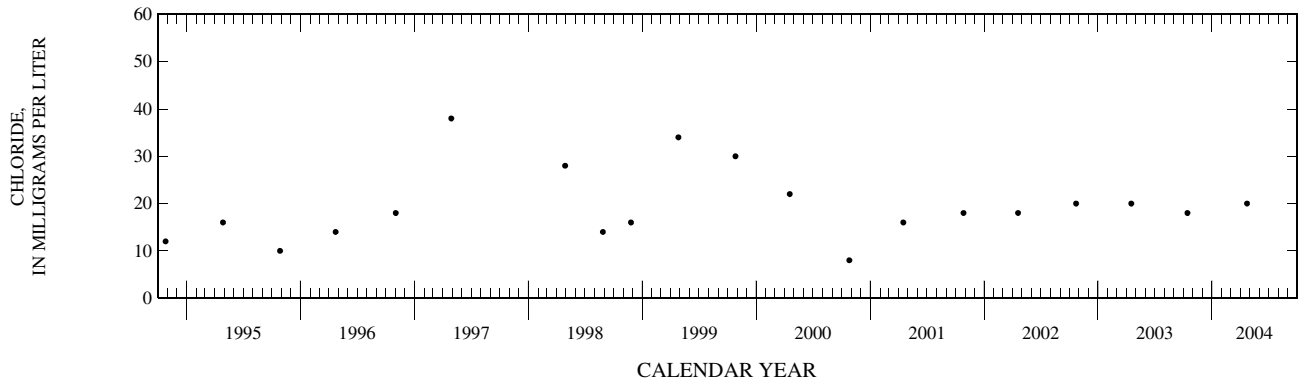
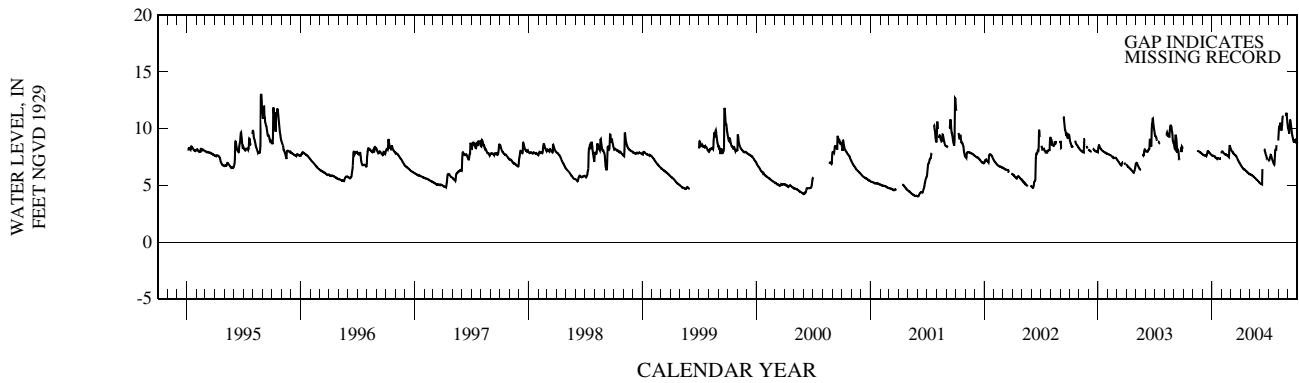
REMARKS.--Well is also used for salinity monitoring. Station damaged, repaired January 1995. See DATUM.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.05 ft NGVD, Aug. 27, 1995; lowest, 4.03 ft NGVD, June 2, 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	---	---	7.67	7.59	7.91	7.98	6.66	5.94	5.13	7.44	9.97	10.09
10	---	---	7.62	7.53	7.75	7.80	6.45	5.83	6.42	7.45	9.82	10.17
15	---	8.07	7.71	7.37	7.71	7.65	6.36	5.70	---	7.02	11.14	9.24
20	---	7.98	7.98	7.39	7.60	7.46	6.24	5.58	7.83	7.48	---	8.75
25	---	7.85	7.81	7.34	8.07	7.16	6.10	5.43	7.36	8.54	11.16	8.83
EOM	---	7.77	7.63	7.81	8.30	6.88	5.98	5.26	7.21	8.95	10.09	8.83
MAX	---	---	8.02	---	8.47	8.21	6.83	5.97	---	---	---	10.79



COLLIER COUNTY—Continued

WELL NUMBER.--261347081351202. Local Number C 951.

LOCATION.--Lat 26°13'48", long 81°35'13", in NW ¼ NW ¼ sec.11, T.49 S., R.27 E., Hydrologic Unit 03090204, at southwest corner of 10th Street SE and Golden Gate Boulevard, 2.3 mi west of Everglades Boulevard and 12.9 mi northeast of the Collier County Government Center.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 170 ft, cased to 120 ft, open hole 120 to 170 ft.

INSTRUMENTATION.--Satellite data collection platform.

DATUM.--Measuring point: Top of recorder shelf, 16.27 ft above National Geodetic Vertical Datum of 1929.

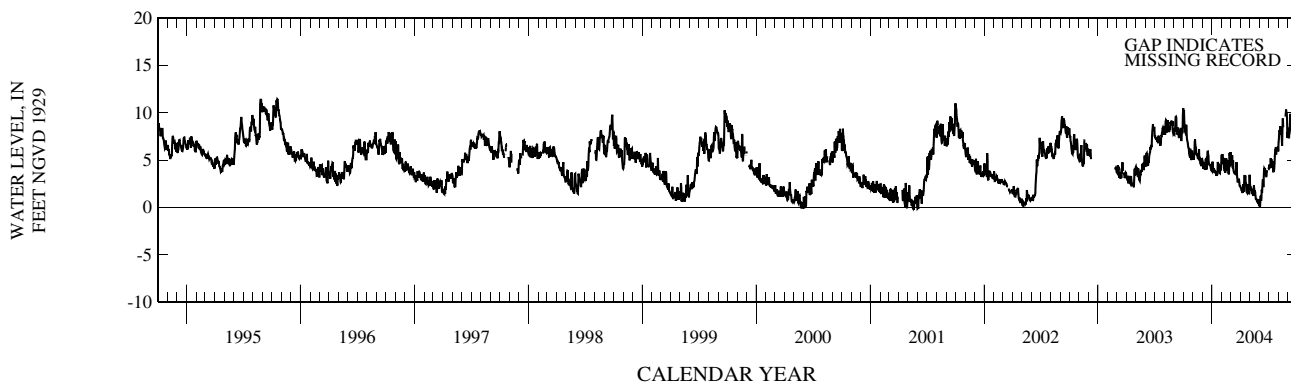
LAND-SURFACE DATUM.--Land surface is approximately 12.4 ft above NGVD.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 12.21 ft NGVD, Sept. 6, 1985; lowest, 0.25 ft below NGVD, May 20, 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	8.49	5.82	4.14	3.84	4.59	5.51	1.81	2.05	1.21	4.28	7.99	8.42
10	8.76	6.30	4.27	3.76	3.94	3.91	1.92	1.48	2.32	4.76	7.91	8.34
15	6.78	5.44	5.36	3.34	5.18	3.54	2.60	1.94	3.83	3.73	9.44	8.34
20	5.55	6.14	5.46	4.66	4.96	3.98	1.78	0.90	3.68	5.52	---	7.89
25	5.26	4.66	4.52	3.67	4.83	2.72	2.39	0.63	3.95	6.10	10.37	6.62
EOM	5.49	4.91	3.89	5.24	5.86	2.27	3.46	0.29	4.06	5.93	7.55	6.39
MAX	10.29	7.20	5.92	5.24	5.86	5.51	3.46	2.67	---	---	---	9.91



COLLIER COUNTY—Continued

WELL NUMBER.--261347081351701. Local Number C 948.

LOCATION.--Lat 26°13'47", long 81°35'17", in NW ¼ NW ¼ sec.11, T.49 S., R.27 E., Hydrologic Unit 03090204, 30 ft east of canal, 500 ft west of 10th Street SE, 100 ft south of Golden Gate Boulevard, 12.9 mi northwest of Collier County Government Center.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 420 ft, cased to 370 ft, open hole 370 to 420 ft.

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

DATUM.--Measuring point: Top of 4 in. plug, 15.20 ft above National Geodetic Vertical Datum of 1929. Prior to May 2001, measuring point was top of gate valve, 12.35 ft above NGVD.

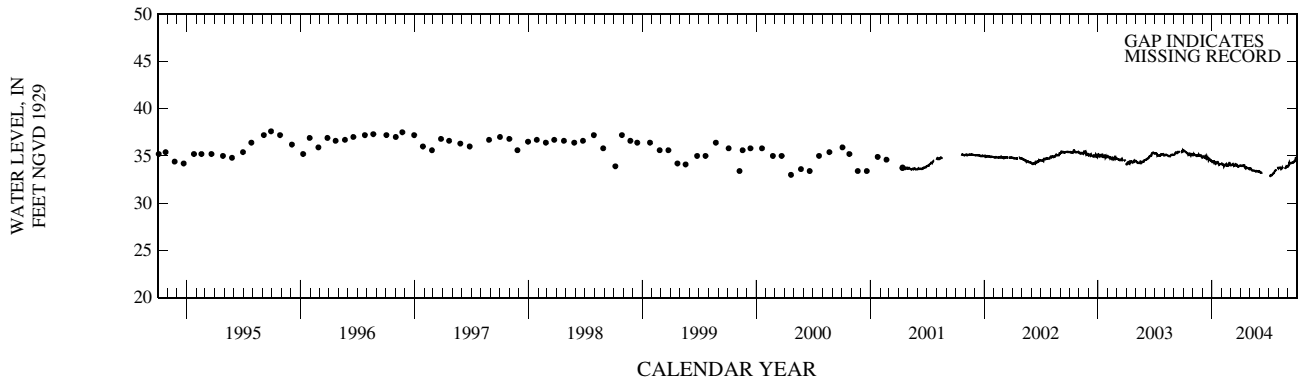
LAND-SURFACE DATUM.--Land surface is approximately 12.4 ft above NGVD.

PERIOD OF RECORD.--October 1984 to April 2001 (Monthly), May 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.6 ft NGVD, Nov. 25, 1987, Jan. 28, 1988 and Sept. 28, 1995; lowest, 32.6 ft NGVD, Aug. 26, 1994.

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	35.50	35.11	34.94	34.43	34.06	34.05	33.95	33.59	33.26	32.88	33.72	34.31
10	35.39	35.07	34.93	34.37	34.03	34.07	33.92	33.47	---	32.95	33.64	34.21
15	35.23	35.01	34.76	34.26	34.15	34.04	33.80	33.46	---	33.16	33.67	34.29
20	35.13	35.07	34.64	34.26	34.07	33.97	33.79	33.36	---	33.41	---	34.39
25	35.04	35.03	34.57	34.12	34.27	33.85	33.71	33.37	---	33.58	33.78	34.74
EOM	35.06	34.85	34.38	34.18	34.01	34.00	33.66	33.38	---	33.73	33.88	34.65
MAX	35.59	35.19	34.94	---	34.27	34.13	34.02	33.69	---	---	---	34.87





COLLIER COUNTY—Continued

WELL NUMBER.--261405081465501. Local Number C 460.

LOCATION.--Lat 26°14'05", long 81°47'06", in SW 1/4 SW 1/4 NW 1/4 sec.2, T.49 S., R.25 E., Hydrologic Unit 03090204, at 6855 Satin Leaf Road South, 75 ft north of Orange Blossom Drive, 0.40 mi east of Goodlette-Frank Road, 0.50 mi east of U.S. Highway 41 at Naples.

AQUIFER.--Lower Tamiami aquifer of Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 66 ft, cased to 64 ft, open hole 64 to 66 ft.

INSTRUMENTATION.--Electronic data logger with pressure transducer.

DATUM.--Measuring point: Top of casing, 13.46 ft above National Geodetic Vertical Datum of 1929. From May 1989 to September 1990, top of casing was 13.44 ft above NGVD. Prior to May 1989, top of casing was 12.39 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 12.5 ft above NGVD. (Corrected).

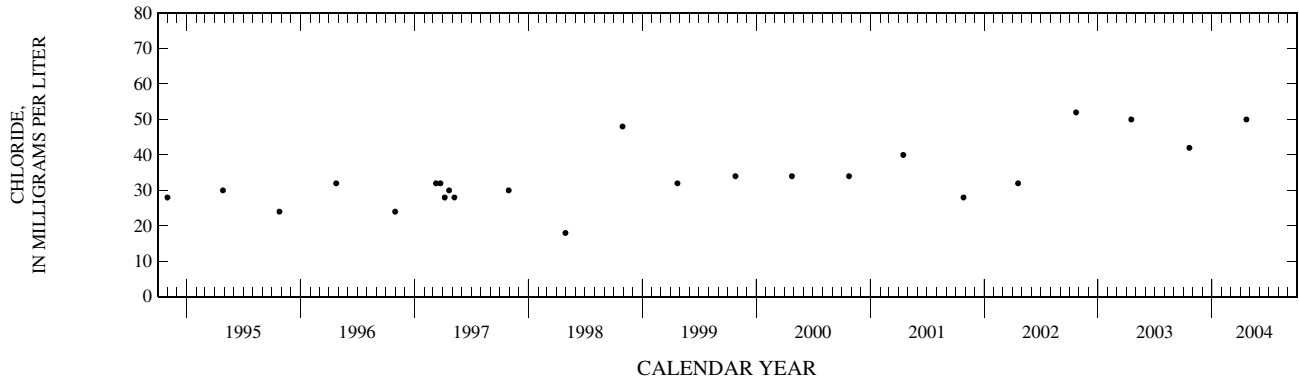
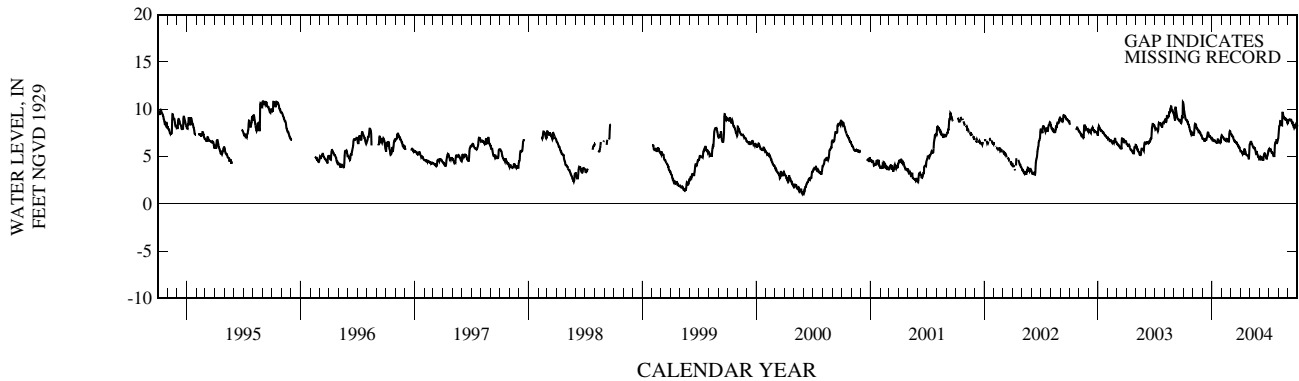
REMARKS.--Well is also used for salinity monitoring. Records of water levels prior to October 1983 are available in files of the U.S. Geological Survey. The figures of water levels as elevation, in ft NGVD, since October 1990 may be in error by up to -0.02 ft. Because the -0.02 ft correction that would be applied is close to the limit of accuracy for the recording equipment, no records have been corrected. See DATUM.

PERIOD OF RECORD.--August 1973 to April 1987 (semiannual), October 1982 to September 1984 (monthly), September 1984 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.83 ft NGVD, Sept. 2, 1995; lowest, 1.32 ft below NGVD, May 1, 1986.

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	9.48	7.91	6.86	6.71	7.03	7.19	5.53	6.57	4.98	5.75	8.31	8.92
10	8.89	8.38	6.71	6.72	6.75	6.87	5.31	6.15	4.86	5.41	8.35	8.89
15	8.63	7.95	7.01	6.46	6.88	6.56	5.62	5.91	5.17	5.14	9.56	8.62
20	8.12	7.74	7.47	6.82	6.72	6.47	5.18	5.39	5.15	6.21	9.10	8.04
25	7.48	7.36	7.17	6.50	7.35	6.06	5.08	5.25	5.03	6.33	8.98	8.26
EOM	7.41	6.94	6.86	7.15	7.45	5.70	6.23	4.71	5.68	6.86	8.57	8.36
MAX	10.49	8.45	7.55	7.15	7.69	7.40	6.23	6.57	5.68	6.86	9.73	8.92



COLLIER COUNTY—Continued

WELL NUMBER.--261435081472701. Local Number C 1094.

LOCATION.--Lat 26°14'38", long 81°47'26", in SW 1/4 SE 1/4 sec.34, T.48 S., R.25 E., Hydrologic Unit 03090204, 15 ft east of Hickory Road, 870 ft south of Carica Road in Naples.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 21 ft, cased to 19 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of 4 in. PVC casing, 10.82 ft above National Geodetic Vertical Datum of 1929. Prior to April 2003, top of casing was 12.56 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 10.4 ft above NGVD.

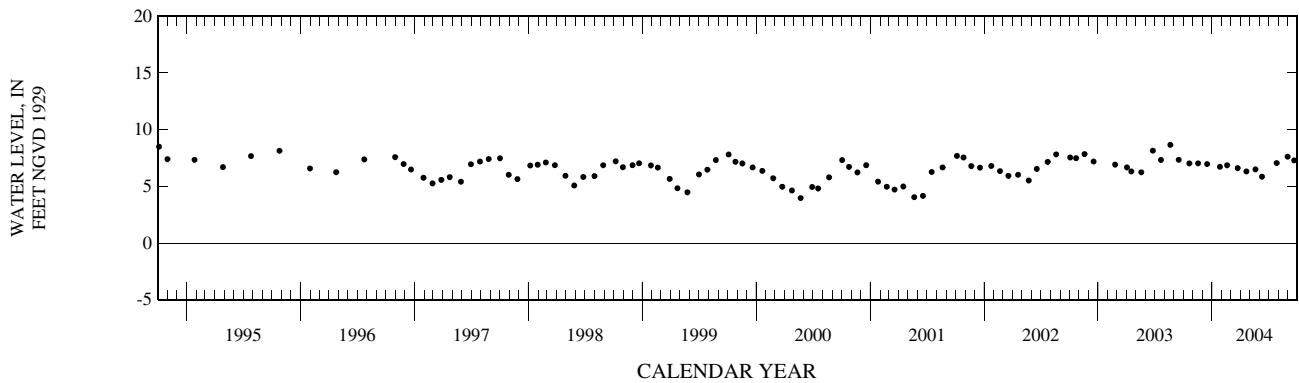
REMARKS.--Well was found damaged, repaired April 2003. See DATUM.

PERIOD OF RECORD.--September 1993 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.65 ft NGVD, Aug. 20, 2003; lowest, 3.96 ft NGVD, May 22, 2000.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	1439	7.02	APR 20...	1541	6.31
NOV 17...	1320	7.02	MAY 19...	1202	6.49
DEC 16...	1134	6.96	JUN 09...	1047	5.85
JAN 26...	1438	6.72	JUL 26...	1458	7.05
FEB 18...	1140	6.85	AUG 30...	1513	7.61
MAR 23...	1117	6.60	SEP 20...	1049	7.28



COLLIER COUNTY—Continued

WELL NUMBER.--261438081481001. Local Number C 575.

LOCATION.--Lat 26°13'17", long 81°48'04", in NE 1/4 SE 1/4 NE 1/4 sec.9, T.49 S., R.25 E., Hydrologic Unit 03090204, 112 ft west of U.S. Highway 41, 0.75 mi north of Pine Ridge Road and 7 mi north of Naples.

AQUIFER.--Lower Hawthorn aquifer of Oligocene to Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 652 ft, cased to 352 ft, open hole 352 to 652 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Measuring point: Top of 4 in. PVC elbow, 17.51 ft above National Geodetic Vertical Datum of 1929. From March 16, 1987 to April 2003, measuring point was top of 3 in. by 1.5 in. reducer pipe, 15.52 ft above NGVD. Prior to March 16, 1987, measuring point was 15.74 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 14.5 ft above NGVD. (Corrected).

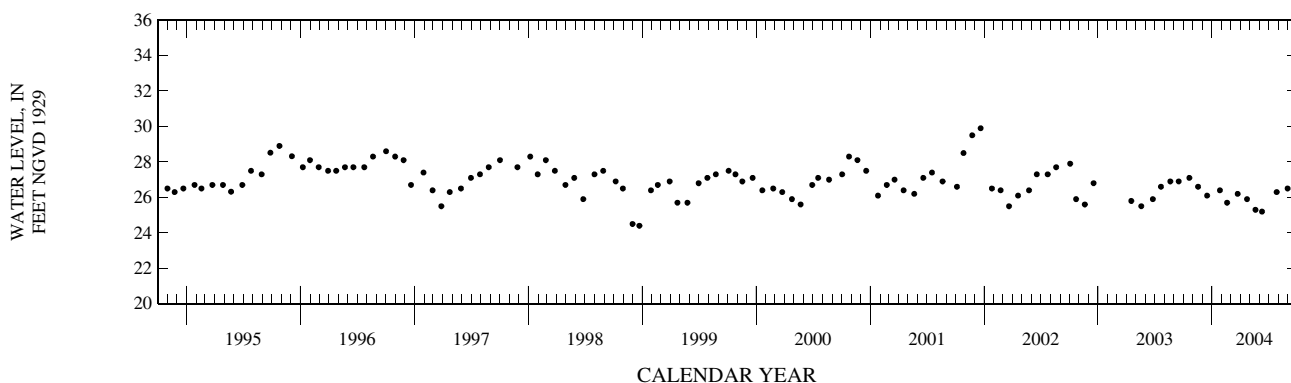
REMARKS.--The well was reconstructed after being damaged: March 1987, April 2003. See DATUM. Records of water levels prior to October 1981 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--March 1979 to September 1993 (monthly), October 1993 to September 1994 (semiannual), October 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.2 ft NGVD, Sept. 27, 1982; lowest, 23.3 ft NGVD, Apr. 29, 1994.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	1542	27.1	APR 22...	0826	25.9
NOV 17...	1405	26.6	MAY 19...	1244	25.3
DEC 16...	1204	26.1	JUN 09...	1112	25.2
JAN 26...	1520	26.4	JUL 26...	1523	26.3
FEB 18...	1223	25.7	AUG 30...	1538	26.5
MAR 23...	1208	26.2	SEP 20...	1042	26.5



COLLIER COUNTY—Continued

WELL NUMBER.--261444081284901. Local Number C 988.

LOCATION.--Lat 26°14'47", long 81°28'49", in NE ¼ NE ¼ sec.2, T.49 S., R.28 E., Hydrologic Unit 03090204, 100 ft west of farm road, 3.6 mi south of intersection of County Road 858 and Oil Grade Road and 12.7 mi south of Immokalee.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 160 ft, cased to 95 ft, open hole 95 to 160 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of recorder shelf, 20.41 ft above National Geodetic Vertical Datum of 1929.

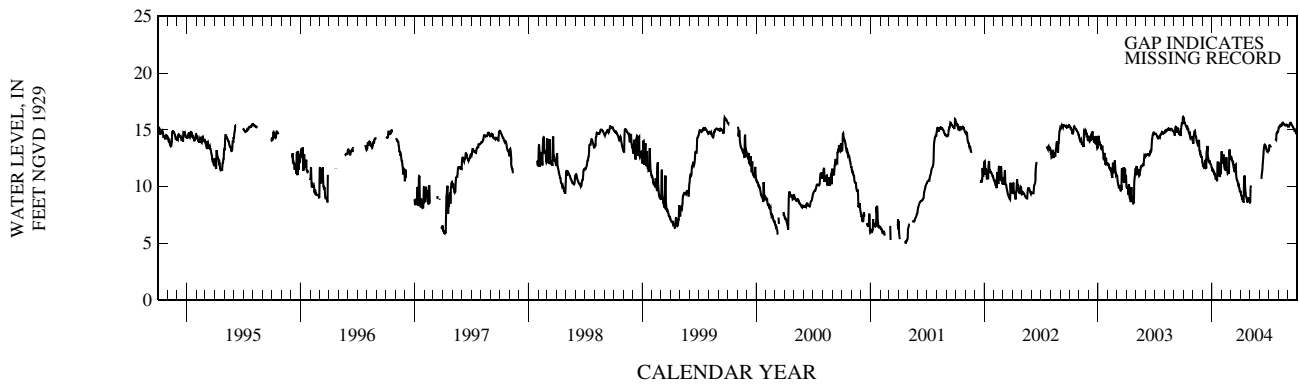
LAND-SURFACE DATUM.--Land surface is approximately 15.7 ft above NGVD.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 16.16 ft NGVD, Sept. 30, 2003; lowest, 3.87 ft NGVD, Apr. 3, 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	15.65	14.84	11.95	11.41	12.11	12.33	9.17	---	---	13.54	15.26	15.46
10	15.34	14.42	12.30	11.14	11.61	11.71	8.67	---	11.51	---	15.36	15.56
15	15.05	13.80	13.17	10.68	12.60	11.43	10.33	---	13.46	---	15.59	15.32
20	14.68	14.11	12.37	11.96	11.16	10.61	9.07	---	13.60	---	15.47	14.98
25	14.26	12.75	12.11	10.97	12.91	10.10	9.06	---	13.10	14.64	15.42	14.86
EOM	14.02	12.21	11.66	12.93	12.56	9.68	9.03	---	13.20	14.88	15.30	14.84
MAX	16.10	14.93	13.59	12.93	13.28	12.58	10.98	---	---	---	15.63	15.61



COLLIER COUNTY—Continued

WELL NUMBER.--261508081484902. Local Number C 999.

LOCATION.--Lat 26°15'09", long 81°48'52", in SW 1/4 NW 1/4 sec.33, T.48 S., R.25 E., Hydrologic Unit 03090204, 30 ft north of Vanderbilt Beach Road, 0.85 mi west of U.S. Highway 41 and 6.5 mi north of Naples.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 23 ft, cased to 13 ft, screened 13 to 23 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 10.43 ft above National Geodetic Vertical Datum of 1929. From September 1998 to August 2002, top of casing was 8.00 ft above NGVD. Prior to August 1998, top of casing was 10.70 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 7.9 ft above NGVD. (Corrected).

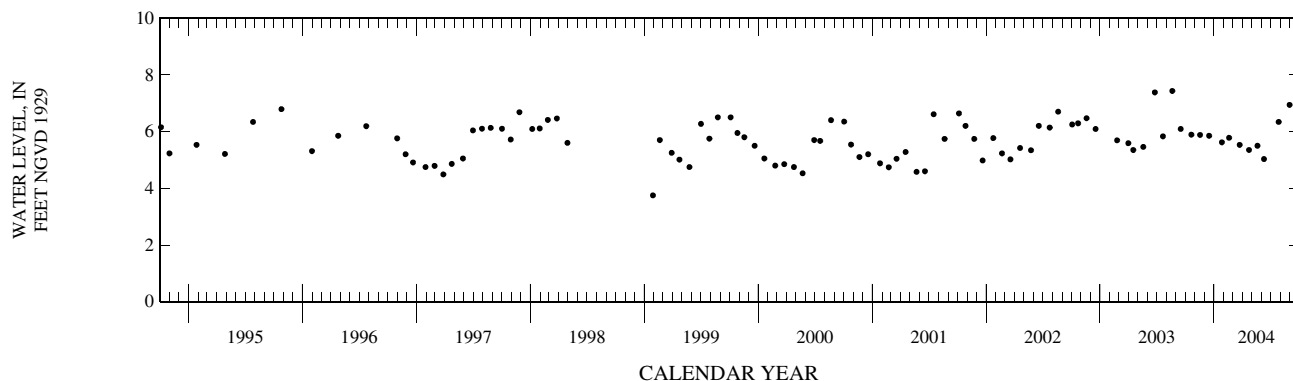
REMARKS.--Well also used for salinity monitoring, 1985 to 1993. Well damaged and repaired in September 1998, September 2002. See DATUM.

PERIOD OF RECORD.--April 1985 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.00 ft NGVD, Aug. 19, 1992; lowest, 1.56 ft NGVD, July 28, 1986.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	1555	5.89	APR 22...	0929	5.35
NOV 17...	1415	5.88	MAY 19...	1255	5.50
DEC 16...	1212	5.85	JUN 09...	1119	5.03
JAN 26...	1530	5.62	JUL 26...	1530	6.34
FEB 18...	1236	5.78	AUG 30...	1546	6.94
MAR 23...	1220	5.53	SEP 20...	1057	6.57



COLLIER COUNTY—Continued

WELL NUMBER.--261530081412001. Local Number C 997.

LOCATION.--Lat 26°15'31", long 81°41'18", in SE ¼ SE ¼ sec.27, T.48 S., R.26 E., Hydrologic Unit 03090204, 75 ft east of County Road 951, 1.0 mi south of County Road 846 and 9.5 mi northeast of Naples.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 22 ft, cased to 12 ft, screened 12 to 22 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 16.92 ft above National Geodetic Vertical Datum of 1929. Prior to April 11, 2003, top of base was 16.76 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 14.3 ft above NGVD.

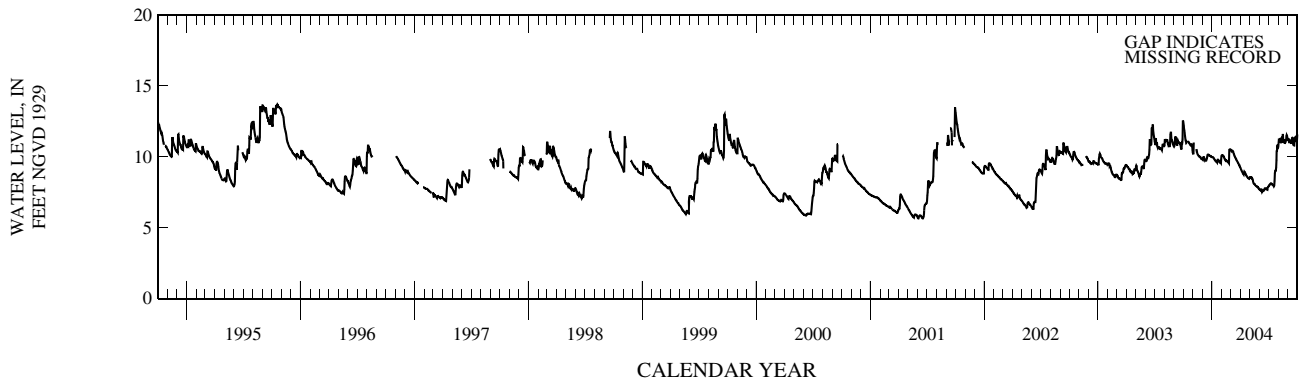
REMARKS.--Well damaged during nearby construction activities, repaired April 2003.

PERIOD OF RECORD.--March 1985 to September 1985 (monthly), October 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.67 ft NGVD, Oct. 19, 1995; lowest, 5.53 ft NGVD, June 18, 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	11.70	---	9.99	9.95	10.09	10.45	9.03	8.57	7.63	8.10	11.04	11.07
10	10.96	---	9.78	9.79	9.87	10.28	8.79	8.43	7.57	8.10	11.30	11.12
15	11.06	10.23	9.90	9.66	9.76	9.98	8.90	8.09	7.65	8.00	11.62	11.34
20	10.96	10.06	10.16	9.80	9.66	9.74	8.69	7.97	7.79	8.85	11.19	10.82
25	10.80	9.97	10.08	9.65	10.50	9.54	8.52	7.90	7.70	9.77	11.16	11.26
EOM	10.31	9.84	9.99	10.04	10.51	9.27	8.52	7.75	7.91	10.68	11.23	11.59
MAX	---	---	10.17	10.04	10.53	10.50	9.25	8.57	7.91	10.80	11.62	11.59



COLLIER COUNTY—Continued

WELL NUMBER.--261537081461201. Local Number C 1057.

LOCATION.--Lat 26°15'36", long 81°46'12", in NE 1/4 SE 1/4 SE 1/4 sec.26, T.48 S., R.25 E., Hydrologic Unit 03090204, 0.9 mi south of County Road 846 and 43 ft west of County Road 31, 9.1 mi north of Collier County Government Center.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in., depth 10.5 ft, cased to 8 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 10.89 ft above National Geodetic Vertical Datum of 1929.

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

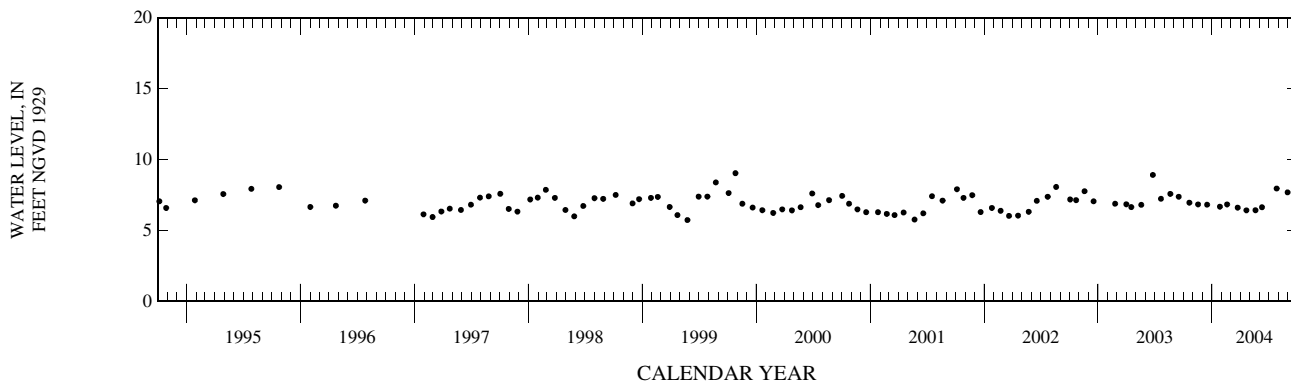
REMARKS.--Well discontinued September 2004.

PERIOD OF RECORD.--April 1986 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.04 ft NGVD, Oct. 26, 1999; lowest, 4.82 ft NGVD, Nov. 29, 1988.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	0930	6.96	APR 20...	0911	6.42
NOV 17...	0933	6.84	MAY 19...	0834	6.43
DEC 16...	0719	6.82	JUN 09...	0743	6.64
JAN 26...	0913	6.68	JUL 26...	1103	7.96
FEB 18...	0741	6.84	AUG 30...	1034	7.69
MAR 23...	0719	6.61	SEP 20...	0802	7.29



COLLIER COUNTY—Continued

WELL NUMBER.--261537081461202. Local Number C 1058.

LOCATION.--Lat 26°15'36", long 81°46'12", in NE 1/4 SE 1/4 SE 1/4 sec.26, T.48 S., R.25 E., Hydrologic Unit 03090204, 0.90 mi south of County Road 846 and 43 ft west of County Road 31, 9.1 mi north of Collier County Government Center.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 80 ft, cased to 62 ft, 62 to 80 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 13.39 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 12.1 ft above NGVD.

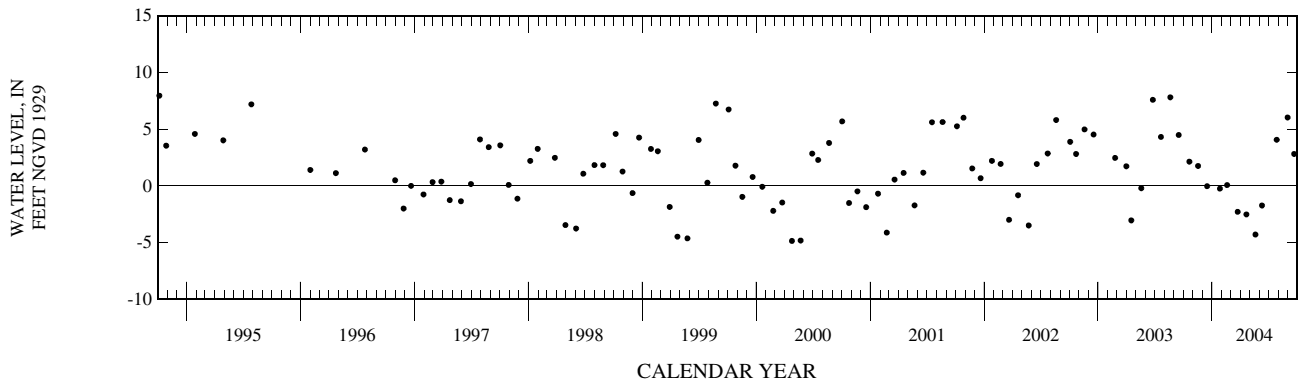
REMARKS.--Well discontinued September 2004.

PERIOD OF RECORD.--April 1986 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.24 ft NGVD, Oct. 24, 1995; lowest, 5.78 ft below NGVD, Mar. 29, 1989.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	0932	2.14	APR 20...	0905	-2.51
NOV 17...	0935	1.76	MAY 19...	0838	-4.28
DEC 16...	0721	-.02	JUN 09...	0742	-1.72
JAN 26...	0934	-.23	JUL 26...	1105	4.07
FEB 18...	0738	.08	AUG 30...	1032	6.03
MAR 23...	0721	-2.28	SEP 20...	0803	2.82





COLLIER COUNTY—Continued

WELL NUMBER.--261604081480901. Local Number C 1059.

LOCATION.--Lat 26°16'04", long 81°48'09", in NE 1/4 SW 1/4 NE 1/4 sec.28, T.48 S., R.25 E., Hydrologic Unit 03090204, 20 ft behind Fire House on 106th Avenue and 300 ft west of U.S. Highway 41, 9.7 mi northwest of Collier County Government Center.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 10 ft, screened 10 to 25 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 12.82 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 9.3 ft above NGVD.

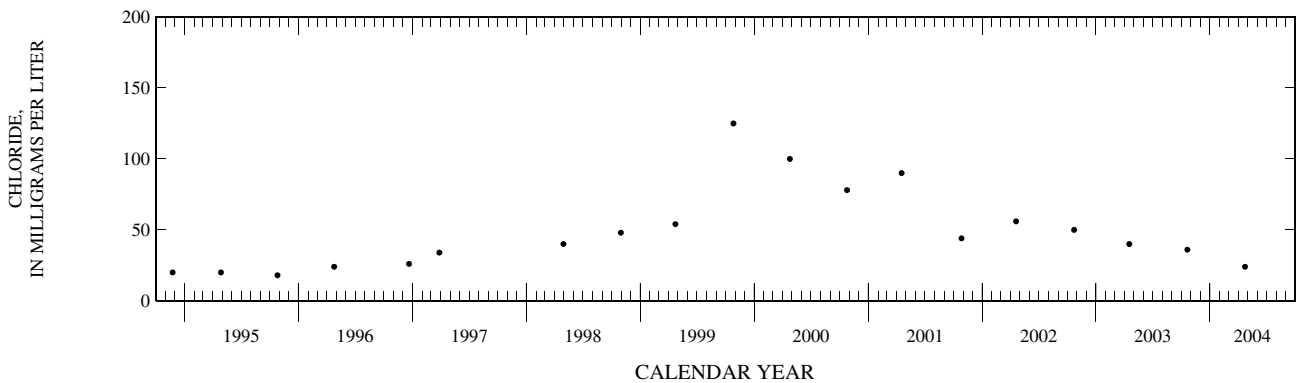
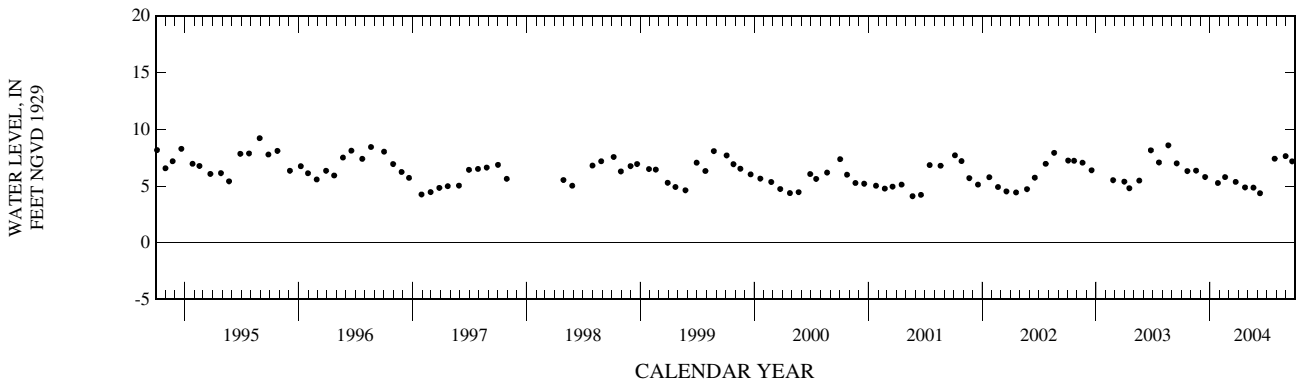
REMARKS.--Well is also used for salinity monitoring.

PERIOD OF RECORD.--April 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.21 ft NGVD, Aug. 29, 1995; lowest, 3.17 ft NGVD, Apr. 23, 1987.

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

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unf 25 degC (00095)	Chlor-ide, water, fltrd, mg/L (00940)
OCT 20...	1607	6.31	253	36.0	APR 22...	0944	4.87	345	24.0
NOV 17...	1424	6.35	--	--	MAY 19...	1304	4.85	--	--
DEC 16...	1221	5.79	--	--	JUN 09...	1127	4.36	--	--
JAN 26...	1537	5.26	--	--	JUL 26...	1539	7.40	--	--
FEB 18...	1245	5.78	--	--	AUG 30...	1555	7.63	--	--
MAR 23...	1227	5.36	--	--	SEP 20...	1104	7.17	--	--



COLLIER COUNTY—Continued

WELL NUMBER.--261620081450201. Local Number C 998.

LOCATION.--Lat 26°16'22", long 81°45'02", in SE 1/4 SW 1/4 sec.19, T.48 S., R.26 E., Hydrologic Unit 03090204, 30 ft north of County Road 846, 0.75 mi west of U.S. Interstate 75 and 8.5 mi northeast of Naples.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 62 ft, cased to 52 ft, screened 52 to 62 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of base, 17.84 ft above National Geodetic Vertical Datum of 1929. Prior to July 1990, measuring point was top of casing, 18.89 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 16.7 ft above NGVD.

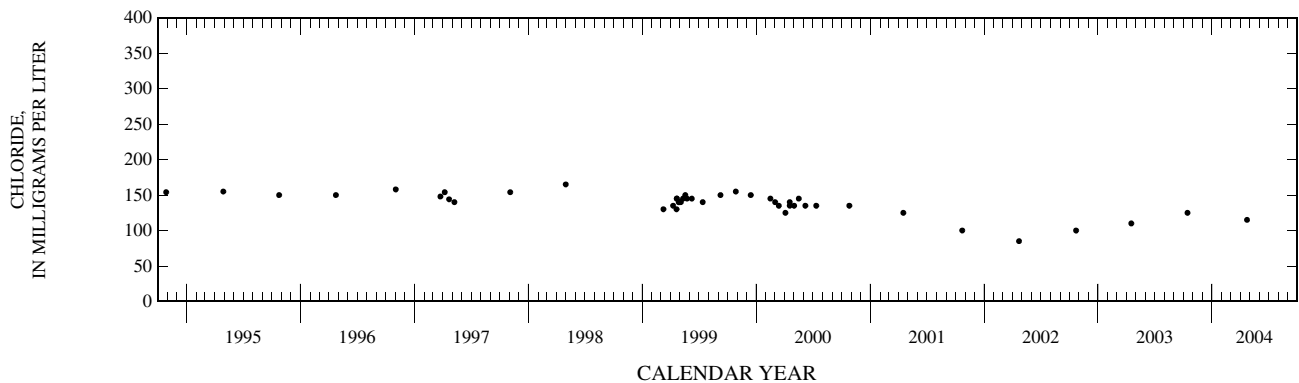
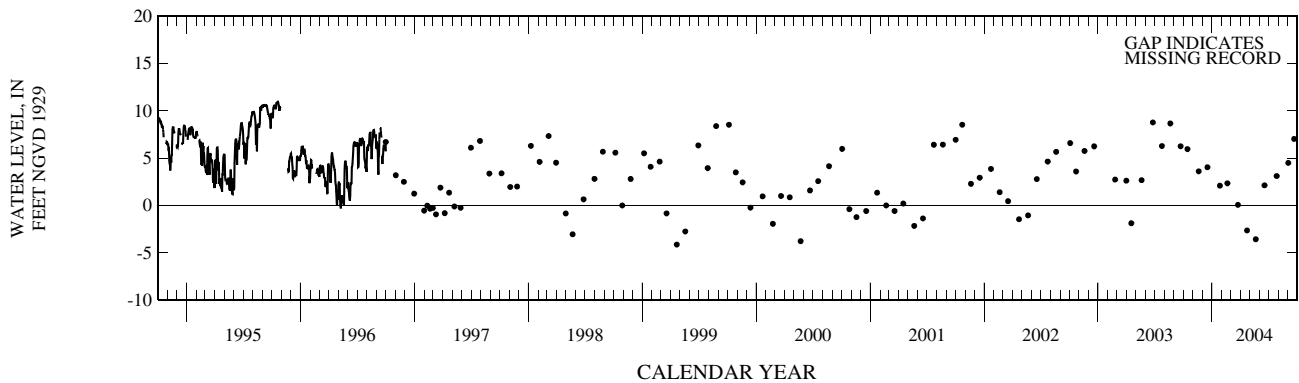
REMARKS.--Well is also used for salinity monitoring. Conductivity and chloride profiles are available in the files of the U.S. Geological Survey.

PERIOD OF RECORD.--March 1985 to June 1990 (monthly), July 1990 to September 1996 (daily), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.98 ft NGVD, Oct. 20, 1995; lowest water level measured, 5.72 ft below NGVD, Mar. 28, 1990. (Corrected).

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				
14...	0908	5.97	1,040	125	22...	1003	-2.63	987	115
NOV					MAY				
19...	0903	3.62	--	--	20...	0854	-3.56	--	--
DEC					JUN				
17...	1052	4.05	--	--	17...	1034	2.14	--	--
JAN					JUL				
26...	1023	2.10	--	--	26...	1004	3.12	--	--
FEB					SEP				
19...	0930	2.35	--	--	01...	1238	4.51	--	--
MAR					20...	1150	7.04	--	--
24...	0939	.07	--	--					



COLLIER COUNTY—Continued

WELL NUMBER.--261620081464402. Local Number C 1004R.

LOCATION.--Lat 26°16'22", long 81°46'44", in SW ¼ SE ¼ SE ¼ sec.23, T.48 S., R.25 E., Hydrologic Unit 03090204, 20 ft east of Palm River Boulevard, 40 ft south of Piper Boulevard, 200 ft north of Immokalee Road (County Road 846), and 7.8 mi north of Naples.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 60 ft, cased to 52 ft, open hole 52 to 60 ft.

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

DATUM.--Measuring point: Top of base, 12.38 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 10.5 ft above NGVD.

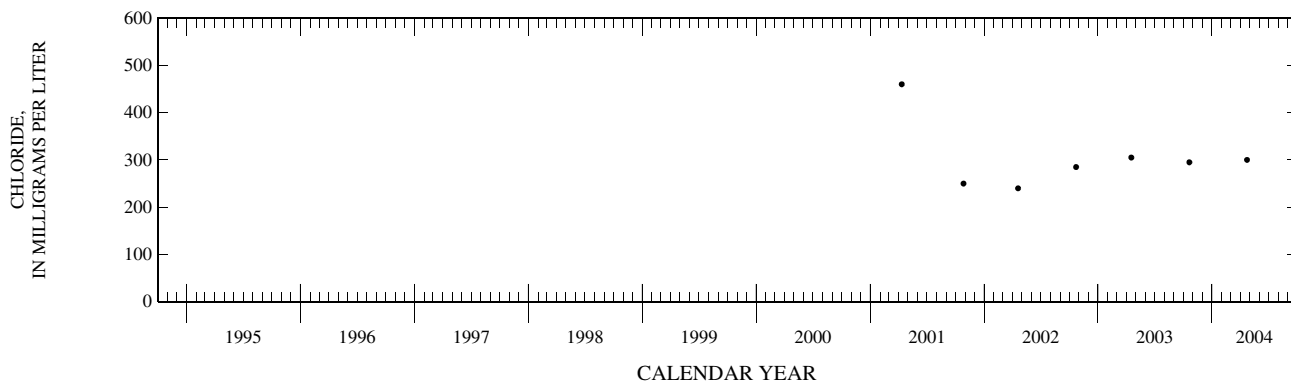
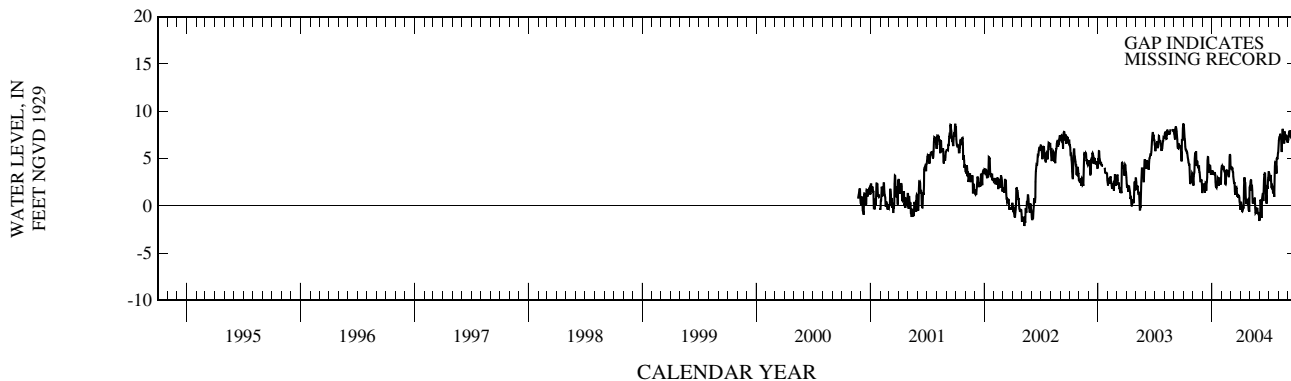
REMARKS.--Replacement well for C-1004. Well is also used for salinity monitoring.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.62 ft NGVD, Sept. 30, 2003; lowest, 2.14 ft below NGVD, May 9, 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	7.14	3.58	2.26	3.45	4.11	4.03	0.00	2.68	0.56	2.94	7.26	7.88
10	5.84	5.79	1.95	3.50	3.66	2.80	-0.25	0.41	1.02	1.92	6.09	7.99
15	5.08	4.63	2.50	1.93	3.66	1.18	2.57	0.62	2.79	1.31	8.09	7.44
20	4.36	4.20	4.47	2.93	3.67	1.65	0.19	-0.71	2.38	4.19	7.75	5.79
25	2.52	2.50	4.28	2.88	3.68	0.87	0.27	-0.31	2.07	3.42	7.30	6.91
EOM	2.90	1.35	3.59	3.91	4.12	0.07	1.94	-1.60	3.56	5.69	7.03	5.62
MAX	8.62	5.79	5.14	3.91	5.47	4.11	2.95	2.71	3.56	5.69	8.14	7.99



COLLIER COUNTY—Continued

WELL NUMBER.--261621081412302. Local Number C 303.

LOCATION.--Lat 26°16'23", long 81°41'23", in NE 1/4 NE 1/4 sec.27, T.48 S., R.26 E., Hydrologic Unit 03090204, 30 ft west and 15 ft south of the intersection of Collier Boulevard (County Road 951) and County Road 846, 9 mi northeast of the Naples Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in., depth 300 ft, cased to 232 ft, open hole 232 to 300 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 17.08 ft above National Geodetic Vertical Datum of 1929. Prior to May 2001 measuring point was 17.91 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 18.1 ft above NGVD.

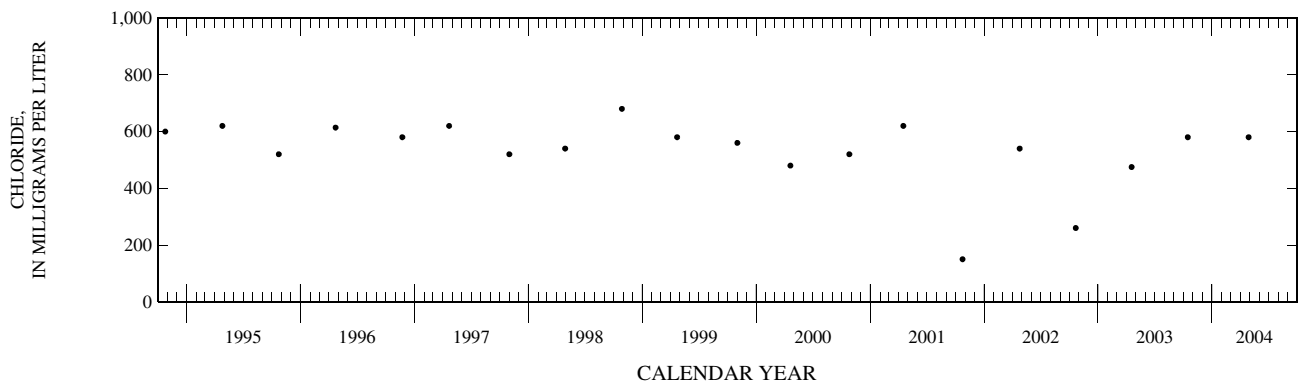
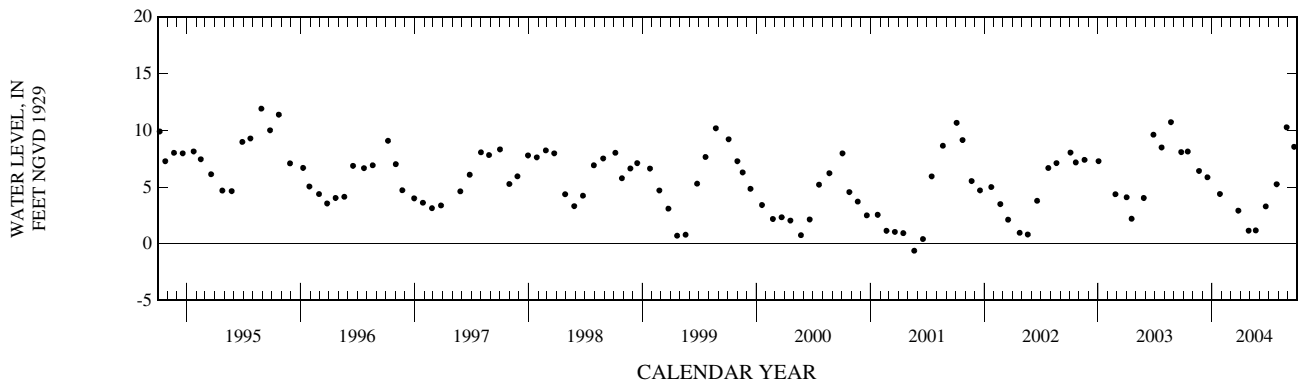
REMARKS.--Well is also used for salinity monitoring. The open-hole portion of this well is collapsed or obstructed. Chloride samples are being collected from a depth of 230 ft. Records of water levels prior to October 1983 are available in files of the U.S. Geological Survey. In May 2001, the station was reconstructed because of road construction in the area. See DATUM.

PERIOD OF RECORD.--August 1959 to October 1981 (intermittent), October 1982 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.90 ft NGVD, Aug. 28, 1995; lowest, 0.62 ft below NGVD, May 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 15...	1133	8.12	2,120	580	APR 27...	1434	1.15	2,220	580
NOV 20...	0814	6.41	--	--	MAY 20...	1314	1.17	--	--
DEC 17...	1107	5.85	--	--	JUN 21...	1015	3.29	--	--
JAN 26...	1028	4.38	--	--	JUL 26...	0919	5.24	--	--
FEB 26-26	1517	5.82	--	--	AUG 27...	1106	10.26	--	--
MAR 25...	1104	2.91	--	--	SEP 20...	0818	8.54	--	--



COLLIER COUNTY—Continued

WELL NUMBER.--261630081360001. Local Number C 304.

LOCATION.--Lat 26°16'36", long 81°36'15", in NW 1/4 NE 1/4 sec.27, T.48 S., R.27 E., Hydrologic Unit 03090204, 20 ft south of County Road 846, 0.25 mi west of Randall Boulevard and 12 mi northeast of the Naples Post Office.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 130 ft, cased to 125 ft, open hole 125 to 130 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

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

LAND-SURFACE DATUM.--Land surface is approximately 15.6 ft above NGVD.

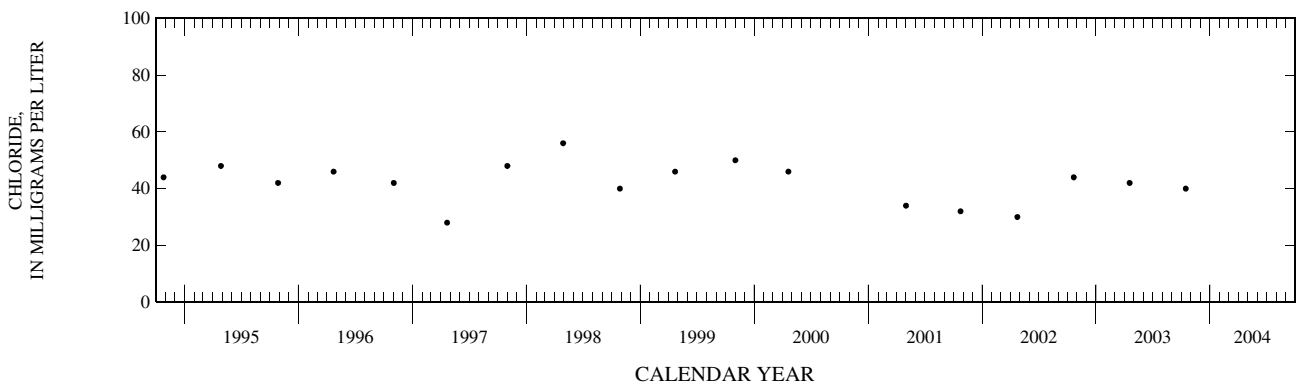
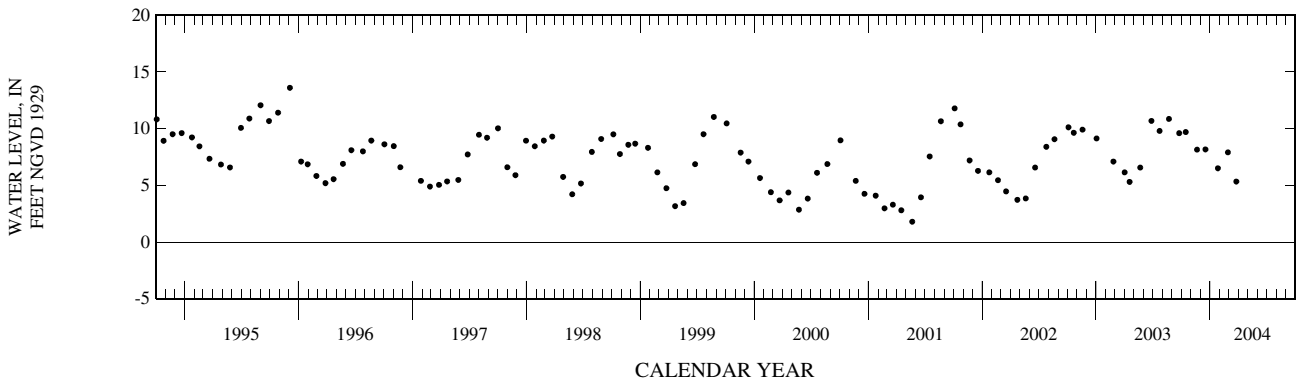
REMARKS.--Well is also used for salinity monitoring. Records of water levels prior to October 1983 are available in files of the U.S. Geological Survey. Well was destroyed April 2004.

PERIOD OF RECORD.--August 1959 to October 1981 (intermittent), October 1982 to March 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.59 ft NGVD, Dec. 4, 1995; lowest, 1.79 ft NGVD, May 21, 2001.

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

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unfiltered, uS/cm (00095)	Chloride, water, filtered, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unfiltered, uS/cm (00095)	Chloride, water, filtered, mg/L (00940)
OCT 15...	1222	9.69	645	40.0	JAN 26...	1107	6.50	--	--
NOV 20...	0844	8.14	--	--	FEB 27...	0909	7.90	--	--
DEC 17...	1135	8.16	--	--	MAR 25...	1306	5.33	--	--



COLLIER COUNTY—Continued

WELL NUMBER.--261733081285501. Local Number C 984.

LOCATION.--Lat 26°17'38", long 81°28'54", in NE 1/4 NE 1/4 sec.23, T.48 S., R.28 E., Hydrologic Unit 03090204, at southeast corner of Oil Grade Road and County Road 858, 7 mi east of County Road 846 and 9.4 mi south of Immokalee.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 30 ft, open hole 30 to 40 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 23.38 ft above National Geodetic Vertical Datum of 1929. Prior to February 1995, top of casing was 23.50 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 20.3 ft above NGVD.

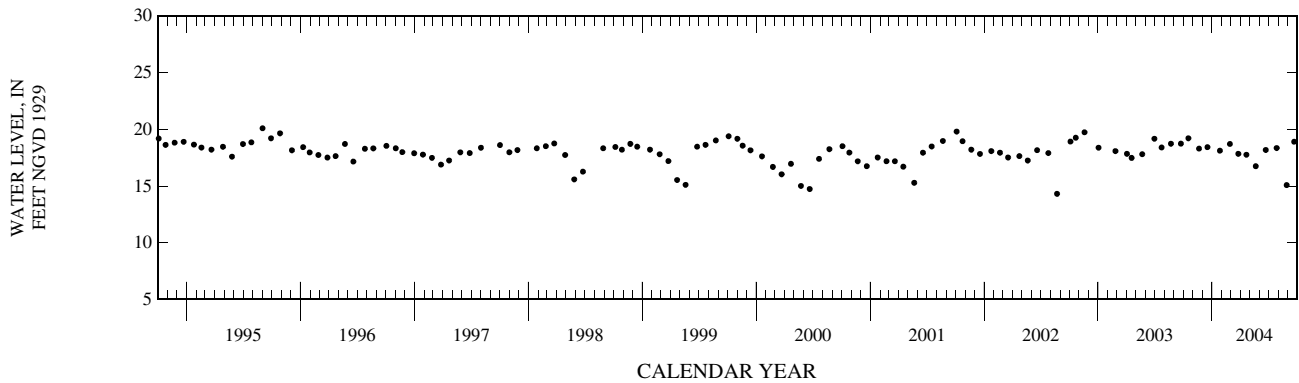
REMARKS.--Station damaged, repaired February 3, 1995. See DATUM.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.08 ft NGVD, Sept. 1, 1995; lowest, 14.04 ft NGVD, May 28, 1986.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT			APR		
17...	1259	19.20	20...	1038	17.75
NOV			MAY		
20...	1223	18.29	20...	1018	16.74
DEC			JUN		
17...	1404	18.42	21...	1214	18.17
JAN			JUL		
26...	1512	18.11	26...	1000	18.34
FEB			AUG		
27...	1509	18.70	27...	1426	15.08
MAR			SEP		
25...	1515	17.83	20...	0918	18.90



COLLIER COUNTY—Continued

WELL NUMBER.--261733081285502. Local Number C 989.

LOCATION.--Lat 26°17'38", long 81°28'54", in NE 1/4 NE 1/4 sec.23, T.48 S., R.28 E., Hydrologic Unit 03090204, at southeast corner of Oil Grade Road and County Road 858, 7 mi east of County Road 846 and 9.4 mi south of Immokalee.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 270 ft, cased to 240 ft, open hole 240 to 270 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 24.30 ft above National Geodetic Vertical Datum of 1929. From October 1996 to September 1999, measuring point was incorrectly considered to be top of flange, 24.44 ft above NGVD. Prior to October 1996, measuring point was top of flange, 24.44 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 20.3 ft above NGVD.

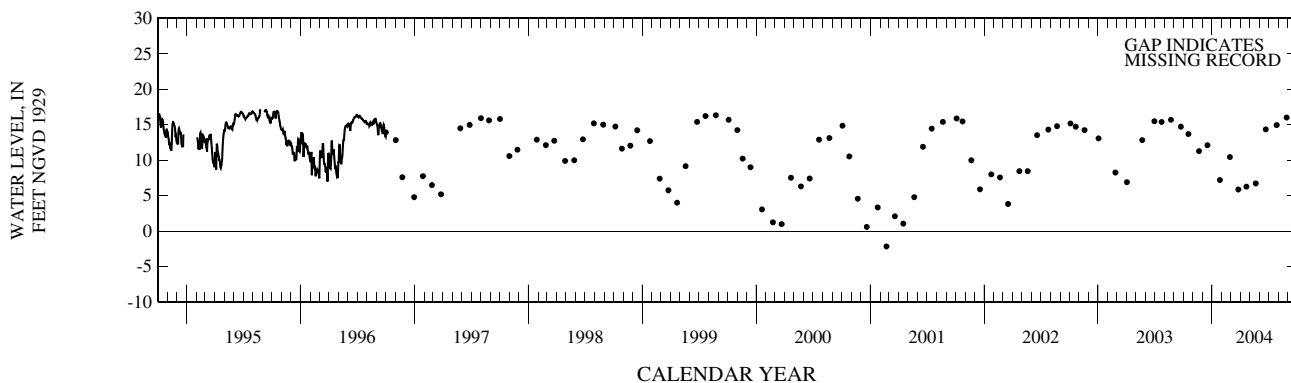
REMARKS.--The figures of water level as elevation, in feet NGVD, from October 1996 to September 1999 are in error. A -0.14 ft correction has been applied to correct water-level data from October 1996 to September 1999. Corrected records are in the files of the U.S. Geological Survey. See DATUM.

PERIOD OF RECORD.--October 1984 to September 1996 (daily), November 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 17.30 ft NGVD, July 24, 1991; lowest, 3.96 ft below NGVD, Apr. 3, 1989.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 17...	1313	13.69	APR 20...	1046	6.27
NOV 20...	1219	11.28	MAY 20...	1035	6.74
DEC 17...	1410	12.12	JUN 21...	1201	14.35
JAN 26...	1520	7.21	JUL 26...	1432	14.96
FEB 27...	1512	10.45	AUG 27...	1340	16.03
MAR 25...	1504	5.88	SEP 20...	0909	14.55



COLLIER COUNTY—Continued

WELL NUMBER.--261733081285503. Local Number C 985.

LOCATION.--Lat 26°17'38", long 81°28'54", in NE 1/4 NE 1/4 sec.23, T.48 S., R.28 E., Hydrologic Unit 03090204, at southeast corner of Oil Grade Road and County Road 858, 7 mi east of County Road 846 and 9.4 mi south of Immokalee.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 160 ft, cased to 80 ft, open hole 80 to 160 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of 6 in. coupling, 24.63 ft above National Geodetic Vertical Datum of 1929. From August 2002 to May 2003, top of coupling was 24.66 ft above NGVD. From October 5, 1993 to July 2002, top of coupling was 24.63 ft above NGVD. Prior to October 1993, measuring point was top of casing, 24.88 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 20.3 ft above NGVD.

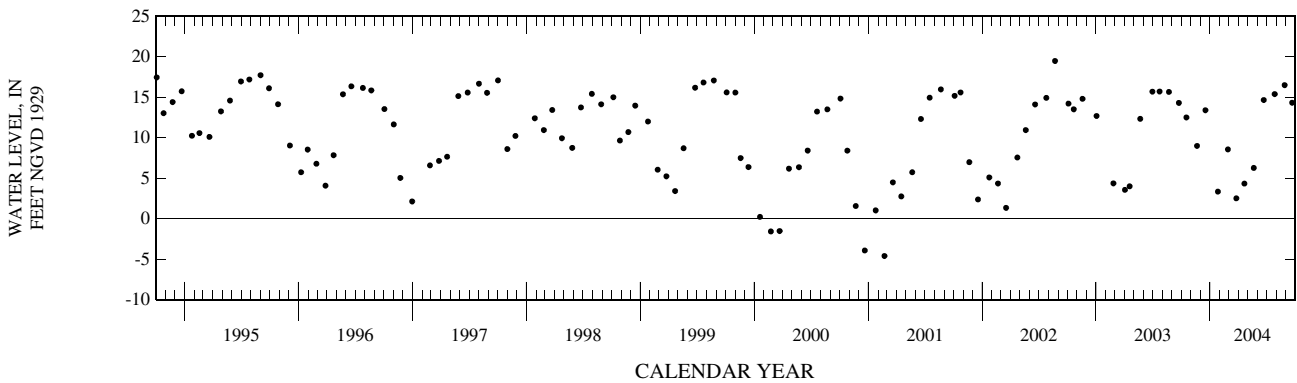
REMARKS.--Station repaired October 5, 1993, August 2002, May 2003. See DATUM.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.46 ft NGVD, Aug. 20, 2002; lowest, 7.11 ft below NGVD, Mar. 29, 1990.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 17...	1305	12.49	APR 20...	1042	4.33
NOV 20...	1225	8.98	MAY 20...	1021	6.27
DEC 17...	1407	13.38	JUN 21...	1211	14.64
JAN 26...	1514	3.34	JUL 26...	1435	15.37
FEB 27...	1504	8.55	AUG 27...	1428	16.48
MAR 25...	1509	2.52	SEP 20...	0912	14.31





COLLIER COUNTY—Continued

WELL NUMBER.--261740081235401. Local Number C 684.

LOCATION.--Lat 26°17'42", long 81°23'43", in NW ¼ NW ¼ sec.23, T.48 S., R.29 E., Hydrologic Unit 03090204, 25 ft south of County Road 858, 3.4 mi west of State Road 29, and 4.0 mi northwest of Sunniland.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 490 ft, cased to 440 ft, open hole 440 to 490 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Measuring point: Top of PVC casing, 22.37 ft above National Geodetic Vertical Datum of 1929. Prior to October 1982, measuring point was incorrectly considered to be 21.02 ft above NGVD. The figures of water level as elevation, in feet NGVD, prior to October 1982 are in error. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 19.5 ft above NGVD.

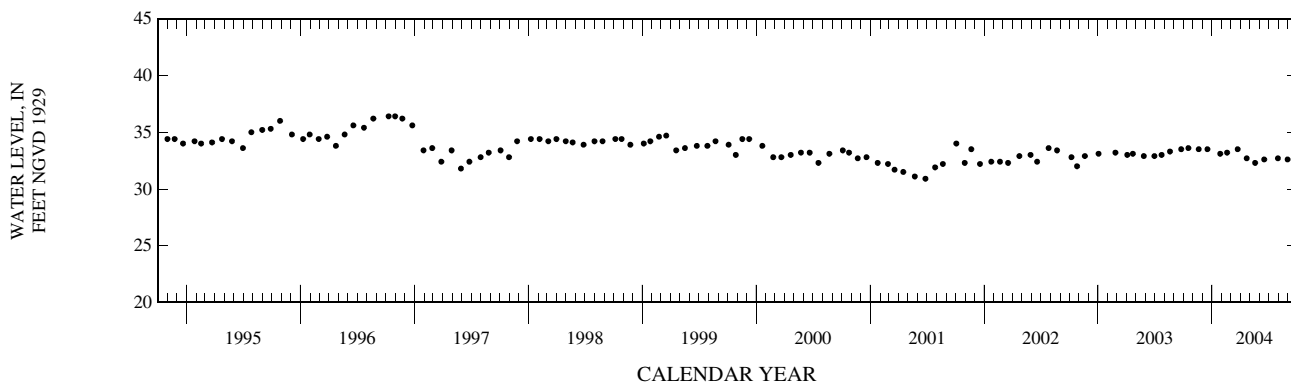
REMARKS.--The figures of water level as elevation, in feet NGVD, prior to October 1982 are in error. A correction of +1.4 ft has been applied to correct water-level data. Corrected records are in files of the U.S. Geological Survey. See DATUM. Records of water levels prior to October 1981 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--November 1980 to September 1993 (monthly), October 1993 to September 1994 (semiannual), October 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.4 ft NGVD, Oct. 9, 30, 1996; lowest, 30.9 ft NGVD, June 26, 2001.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 17...	1439	33.6	APR 21...	1301	32.7
NOV 19...	1202	33.5	MAY 18...	1444	32.3
DEC 17...	1426	33.5	JUN 16...	1358	32.6
JAN 27...	1422	33.1	JUL 30...	1354	32.7
FEB 18...	1356	33.2	AUG 30...	1244	32.6
MAR 23...	1600	33.5	SEP 20...	1141	32.5



COLLIER COUNTY—Continued

WELL NUMBER.--261740081235402. Local Number C 689.

LOCATION.--Lat 26°17'42", long 81°23'43", in NW 1/4 NW 1/4 sec.23, T. 48 S., R.29 E., Hydrologic Unit 03090204, 25 ft south of County Road 858, 3.4 mi west of State Road 29, and 4.5 mi northwest of Sunniland.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 265 ft, cased to 230 ft, open hole 230 to 265 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 23.37 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 19.3 ft above NGVD.

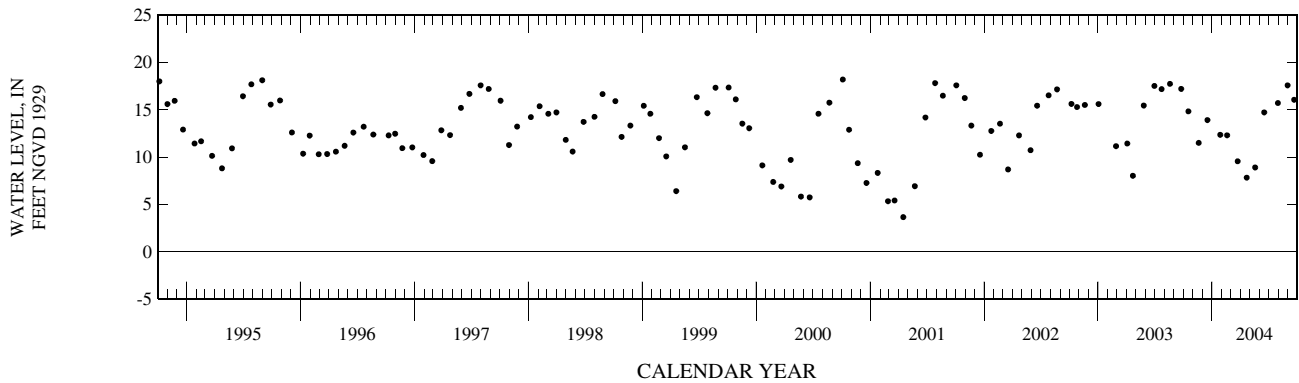
REMARKS.--Records of water levels prior to October 1983 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--October 1981 (intermittent), October 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.83 ft NGVD, Aug. 29, 1983; lowest, 0.38 ft below NGVD, Mar. 30, 1989.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 17...	1426	14.85	APR 21...	1259	7.84
NOV 19...	1205	11.52	MAY 18...	1448	8.92
DEC 17...	1425	13.93	JUN 16...	1359	14.74
JAN 27...	1426	12.37	JUL 30...	1352	15.73
FEB 18...	1358	12.32	AUG 30...	1243	17.60
MAR 23...	1602	9.57	SEP 20...	1137	16.08



COLLIER COUNTY—Continued

WELL NUMBER.--261740081235403. Local Number C 1073.

LOCATION.--Lat 26°17'42", long 81°23'43", in NW 1/4 NW 1/4 NW 1/4 sec.23, T.48 S., R.29 E., Hydrologic Unit 03090204, 20 ft south of County Road 858, 3.4 mi west of State Road 29, 4.0 mi northwest of Sunniland.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 160 ft, cased to 100 ft, screened 100 to 160 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 23.48 ft above National Geodetic Vertical Datum of 1929.

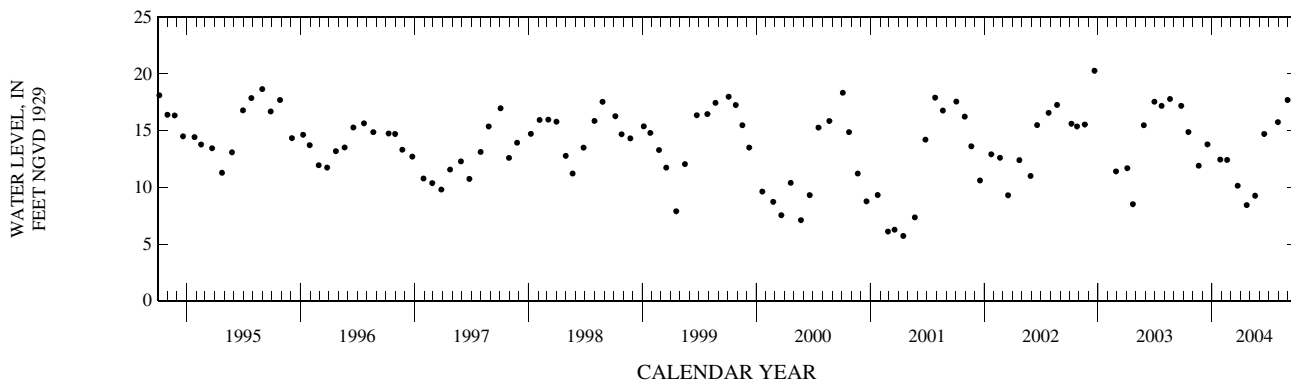
LAND-SURFACE DATUM.--Land surface is approximately 19.4 ft above NGVD.

PERIOD OF RECORD.--October 1986 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.27 ft NGVD, Dec. 20, 2002; lowest, 0.55 ft NGVD, Mar. 30, 1989.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT			APR		
17...	1429	14.87	21...	1256	8.43
NOV			MAY		
19...	1153	11.90	18...	1450	9.26
DEC			JUN		
17...	1431	13.78	16...	1354	14.70
JAN			JUL		
27...	1430	12.44	30...	1350	15.74
FEB			AUG		
18...	1400	12.41	30...	1241	17.69
MAR			SEP		
23...	1404	10.14	20...	1136	16.25



COLLIER COUNTY—Continued

WELL NUMBER.--261741081235401. Local Number C 503.

LOCATION.--Lat 26°17'42", long 81°23'43", in NW ¼ NW ¼ sec.23, T.48 S., R.29 E., Hydrologic Unit 03090204, 25 ft south of County Road 858, 3.4 mi west of State Road 29 and 4.0 mi northwest of Sunniland.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20.4 ft, cased to 8 ft, open hole 8 to 20.4 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of flange, 22.30 ft above National Geodetic Vertical Datum of 1929. From October 1979 to September 1982, measuring point was incorrectly considered to be 20.97 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 19.2 ft above NGVD.

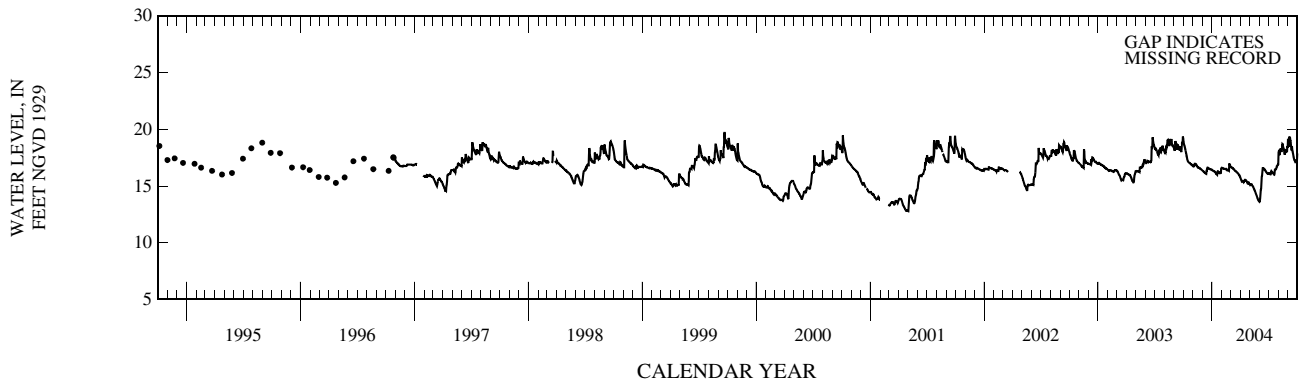
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey. The figures of water level as elevation, in feet NGVD, between October 1979 and September 1982 are in error. Corrected records are in files of the U.S. Geological Survey. See DATUM. Prior to October 1975, station record was reported under well number 261744081235401.

PERIOD OF RECORD.--January 1972 to October 1984 (daily), October 1984 to September 1996 (monthly), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.67 ft NGVD, Sept. 20, 21, 1999; lowest, 12.78 ft NGVD, May 2, 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	18.49	16.80	16.27	16.32	16.53	16.60	15.42	15.17	14.66	16.02	18.25	19.35
10	17.85	16.92	16.12	16.26	16.50	16.50	15.36	15.00	16.23	16.26	17.99	18.56
15	17.19	16.71	16.35	16.06	16.51	16.32	15.53	14.70	16.53	16.12	18.44	18.03
20	17.03	16.59	16.56	16.28	16.38	16.21	15.44	14.35	16.36	16.43	17.90	17.33
25	16.91	16.50	16.49	16.13	16.93	16.06	15.24	13.94	16.13	16.57	18.03	17.10
EOM	16.76	16.38	16.43	16.58	16.69	15.78	15.15	13.63	16.10	16.90	19.15	17.87
MAX	18.91	16.96	16.61	16.58	16.93	16.66	15.73	15.17	16.57	16.90	19.15	19.35



COLLIER COUNTY—Continued

WELL NUMBER.--261802081354801. Local Number C 688.

LOCATION.--Lat 26°18'03", long 81°35'47", in SE ¼ NE ¼ sec. 15, T.48 S., R.27 E., Hydrologic Unit 03090204, 50 ft south and 200 ft west of the intersection of 37th Avenue NW and County Road 846, 0.65 mi north of the intersection of County Road 858 and County Road 846, 14 mi southwest of the Immokalee Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 242 ft, cased to 220 ft, open hole 220 to 242 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of coupling, 18.48 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 15.6 ft above NGVD.

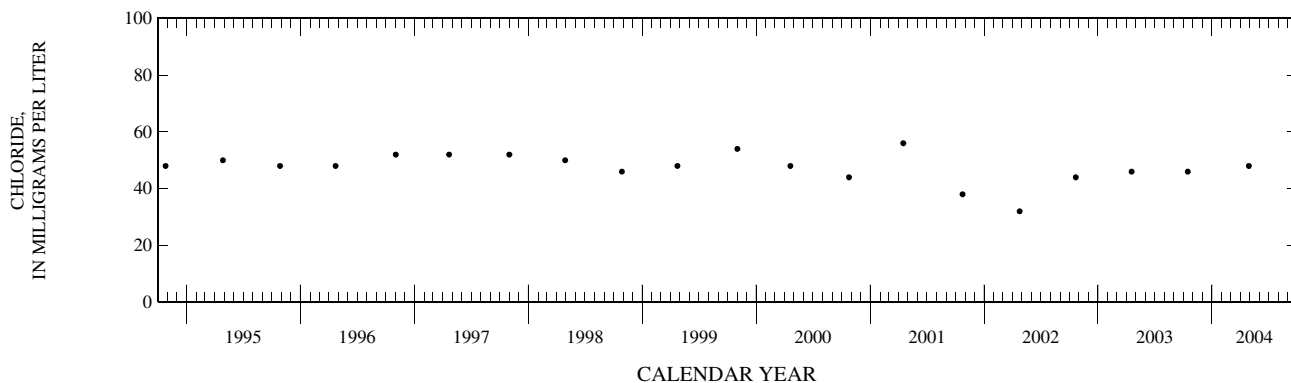
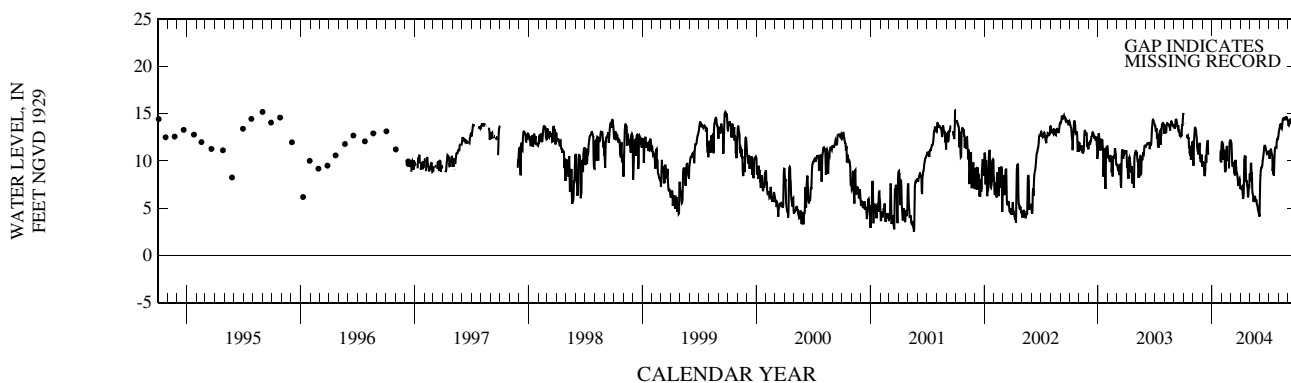
REMARKS.--Well is also used for salinity monitoring. Records of water levels prior to October 1983 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--October 1981 (intermittent), December 1982 to November 1996 (monthly), December 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.81 ft NGVD, June 29, 1982; lowest, 1.95 ft NGVD, Mar. 29, 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	---	12.76	9.81	---	11.73	9.77	7.23	9.71	8.96	10.85	13.58	14.00
10	---	13.29	9.07	---	10.34	9.90	6.09	6.54	9.58	10.86	13.49	14.32
15	12.67	11.38	11.56	---	10.59	9.27	10.49	5.91	11.23	8.59	14.42	13.61
20	11.64	11.36	---	---	10.23	8.76	7.76	5.76	11.42	11.22	14.56	12.54
25	10.15	9.91	---	---	10.75	7.35	6.15	5.30	10.75	11.43	14.64	12.31
EOM	11.98	9.42	---	11.40	12.18	7.13	8.47	4.40	11.00	12.50	14.28	12.40
MAX	---	13.51	---	---	---	12.12	10.49	9.71	11.60	12.50	14.64	14.41



COLLIER COUNTY—Continued

WELL NUMBER.--261802081354802. Local Number C 1097.

LOCATION.--Lat 26°18'03", long 81°35'47", in SE ¼ SE ¼ sec.15, T.48 S., R.27 E., Hydrologic Unit 03090204, 50 ft south and 200 ft west of the intersection of 37th Avenue NW and County Road 846, 0.65 mi north of the intersection of County Road 858 and County Road 846, 14 mi southwest of the Immokalee Post Office.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 18 ft, screened 15 to 18 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of 4 in. PVC casing, 18.44 ft above National Geodetic Vertical Datum of 1929.

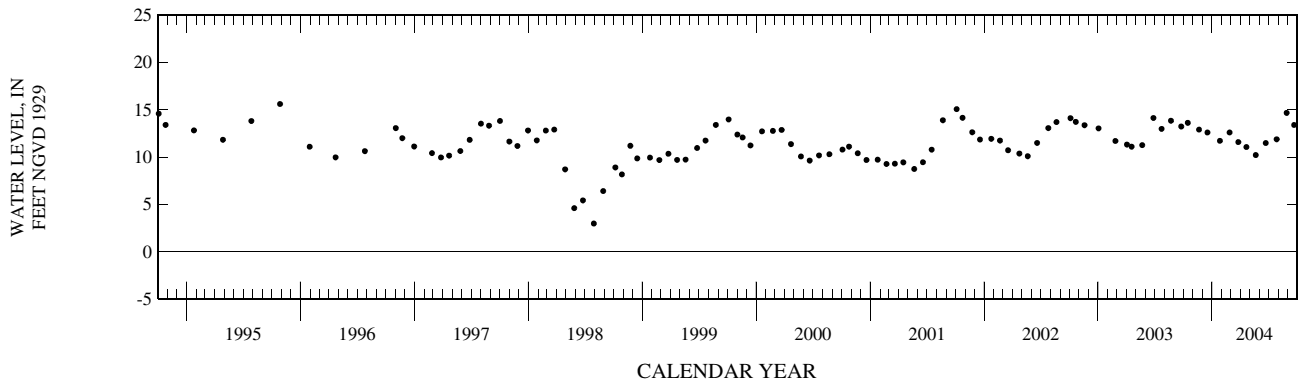
LAND-SURFACE DATUM.--Land surface is approximately 15.7 ft above NGVD.

PERIOD OF RECORD.--September 1993 to September 1994 (monthly), October 1994 to July 1996 (quarterly), November 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.63 ft NGVD, Oct. 27, 1995; lowest, 2.99 ft NGVD, July 29, 1998.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 15...	1301	13.64	APR 20...	1451	11.08
NOV 20...	0905	12.92	MAY 20...	1409	10.23
DEC 17...	1204	12.62	JUN 21...	1102	11.50
JAN 26...	1121	11.74	JUL 26...	1012	11.90
FEB 26...	1032	12.62	AUG 27...	1252	14.69
MAR 25...	1318	11.60	SEP 20...	0833	13.41



COLLIER COUNTY—Continued

WELL NUMBER.--261805081473302. Local Number C 1083.

LOCATION.--Lat 26°18'56", long 81°47'19", in NW ¼ NE ¼ NE ¼ sec.10, T.48 S., R.25 E., Hydrologic Unit 03090204, 10 ft north of Sun Century Road, 230 ft east of old U.S. Highway 41 (State Road 887) and 2.5 mi south of Bonita Springs.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 74 ft, cased to 58 ft, open hole 58 to 74 ft.

INSTRUMENTATION.--Electronic data logger, with pressure transducer.

DATUM.--Measuring point: Top of base, 18.26 ft above National Geodetic Vertical Datum of 1929. From December 2002 to January 2004, top of base was 15.78 ft above NGVD. From February 1992 to November 2002, top of base was considered to be 15.81 ft above NGVD. Prior to February 1992, measuring point was top of casing, 15.68 ft NGVD. (Corrected). See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 14.3 ft above NGVD. (Corrected).

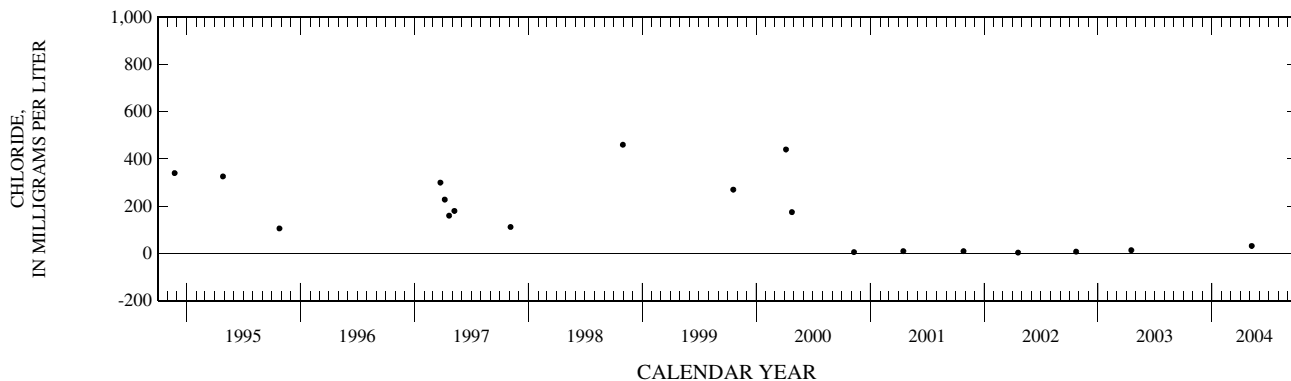
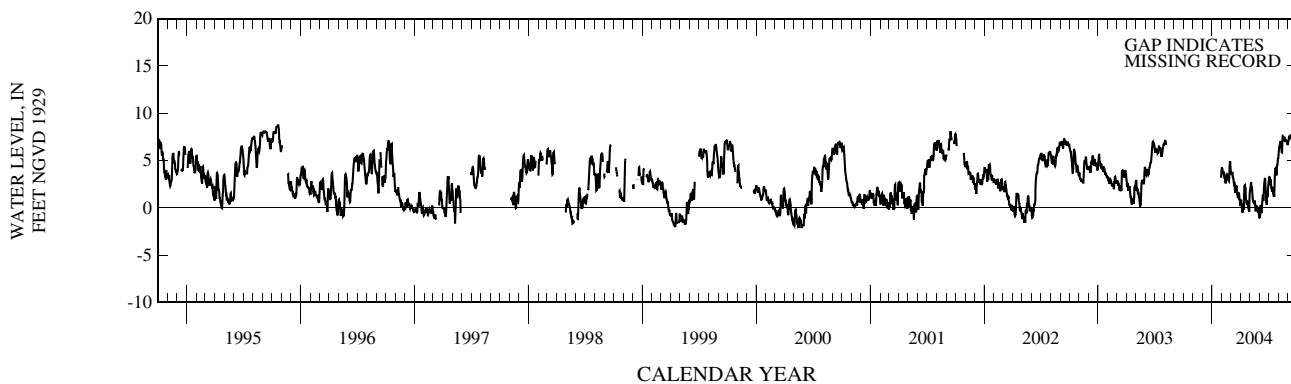
REMARKS.--Well is also used for salinity monitoring. Most of the open-hole portion of this well has collapsed or become obstructed. Chloride samples are being collected from a depth of 62 ft. The figures of water level as elevation, in feet NGVD, from April 1992 to September 2002 are considered to be in error, based on resurvey to benchmark in December 2002. A -0.03 ft correction is required to correct water level data from April 1992 to September 2002. Well was damaged in August 2003, reconstructed January 2004.

PERIOD OF RECORD.--June 1987 to March 1991 (intermittent), April 1992 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.72 ft NGVD, Oct. 20, 21, 1995; lowest water level measured, 4.27 ft below NGVD, Apr. 13, 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	---	---	---	---	3.61	3.71	0.19	2.60	0.22	2.41	6.59	7.58
10	---	---	---	---	3.14	2.94	0.34	1.01	0.78	2.13	6.24	7.68
15	---	---	---	---	3.33	1.62	2.41	0.68	2.18	1.54	7.56	7.23
20	---	---	---	---	3.37	2.20	0.60	-0.36	2.26	3.54	7.36	5.82
25	---	---	---	---	3.26	1.12	0.20	-0.02	1.40	3.43	7.05	6.87
EOM	---	---	---	3.86	4.13	0.44	1.43	-0.95	2.79	5.22	6.92	6.16
MAX	---	---	---	---	4.86	3.81	2.41	2.60	3.08	5.22	7.58	7.69



COLLIER COUNTY—Continued

WELL NUMBER.--261823081171901. Local Number C 1071.

LOCATION.--Lat 26°18'11", long 81°18'24", in NE 1/4 NW 1/4 SE 1/4 sec.15, T.48 S., R.30 E., Hydrologic Unit 03090204, 15 ft south of County Road 858, 2.2 mi east of State Road 29, 11.0 mi southeast of Immokalee.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 35 ft, cased to 20 ft, screened 20 to 35 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 22.98 ft above National Geodetic Vertical Datum of 1929.

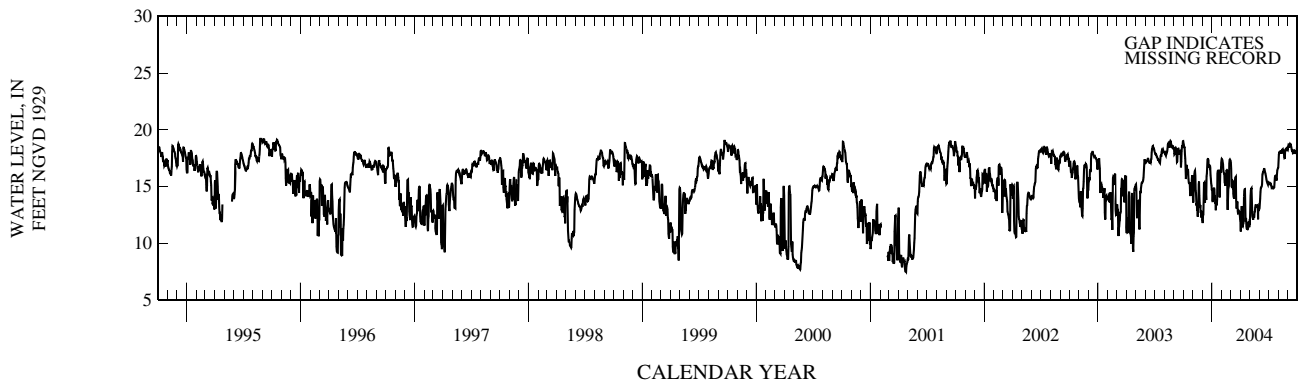
LAND-SURFACE DATUM.--Land surface is approximately 19.6 ft above NGVD.

PERIOD OF RECORD.--November 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.21 ft NGVD, Aug. 24, 25, 27, 1995; lowest, 6.83 ft NGVD, Apr. 12, 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	18.44	16.09	13.95	14.48	16.96	14.93	13.29	14.82	14.85	15.26	18.08	18.69
10	16.14	14.46	14.13	14.23	15.36	14.10	11.74	12.29	16.03	14.91	17.90	18.57
15	16.26	12.99	16.13	13.87	16.38	15.59	14.77	12.27	16.55	14.83	18.22	18.09
20	15.28	15.44	17.30	16.42	12.95	13.08	11.50	13.36	16.14	15.81	17.50	18.15
25	15.02	12.70	16.62	14.05	17.04	12.65	11.29	13.33	15.42	15.60	18.35	17.99
EOM	14.49	12.00	14.68	17.32	17.29	12.07	11.89	12.97	15.38	16.66	18.47	18.46
MAX	18.81	16.38	17.43	17.32	17.43	17.10	14.77	14.87	16.56	16.66	18.47	18.76





COLLIER COUNTY—Continued

WELL NUMBER.--261823081171902. Local Number C 1072.

LOCATION.--Lat 26°18'11", Long 81°18'24", in NE ¼ NW ¼ SE ¼ sec.15, T.48 S., R.30 E., Hydrologic Unit 03090204, 15 ft south of County Road 858, 2.2 mi east of State Road 29, 11.0 mi southeast of Immokalee.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 260 ft, cased to 140 ft, screened from 140 to 220 ft with 0.02 screen.

INSTRUMENTATION.-- Electronic data logger with pressure transducer.

DATUM.--Measuring point: Top of base, 23.03 ft above National Geodetic Vertical Datum of 1929.

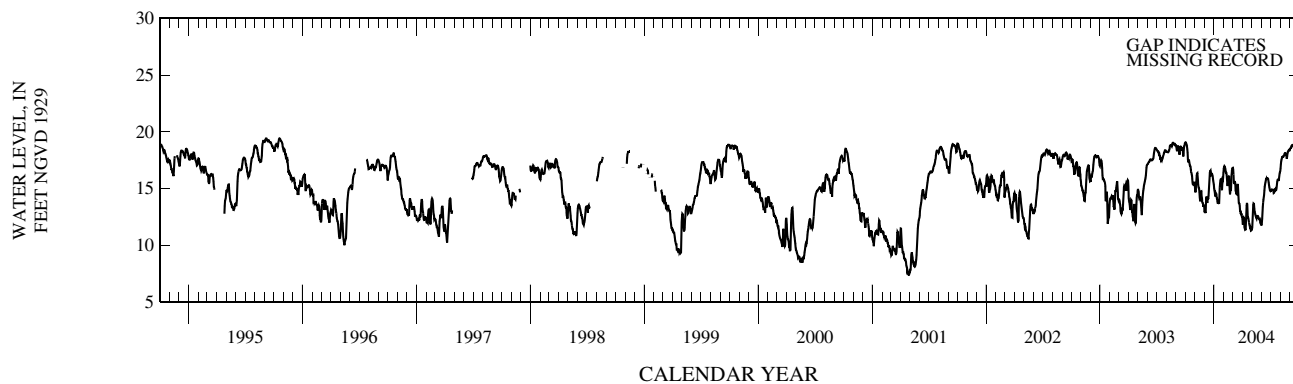
LAND-SURFACE DATUM.--Land surface is approximately 19.2 ft above NGVD.

PERIOD OF RECORD.--November 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 20.41 ft NGVD, Nov. 27, 1987; lowest, 7.40 ft NGVD, Apr. 28, 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	18.90	15.71	12.85	14.43	16.87	15.50	12.44	13.50	13.38	14.88	17.67	18.72
10	17.32	15.70	13.73	14.18	16.22	14.83	11.43	12.99	14.83	14.63	17.81	18.83
15	17.05	14.67	15.02	13.75	15.62	15.00	13.73	12.45	15.80	14.85	18.11	18.45
20	16.42	14.74	16.58	15.46	14.91	13.73	12.36	12.59	15.93	15.30	17.86	18.41
25	15.36	13.74	16.31	14.97	15.58	13.02	11.58	12.28	15.29	15.68	18.28	18.26
EOM	15.40	13.41	15.35	16.42	16.81	12.49	11.36	11.83	14.83	16.51	18.46	18.43
MAX	19.07	16.37	16.58	16.42	16.98	16.82	13.73	13.70	15.93	16.51	18.46	18.84



COLLIER COUNTY—Continued

WELL NUMBER.--262121081355501. Local Number C 978.

LOCATION.--Lat 26°21'23", long 81°35'59", in NW 1/4 SE 1/4 sec.27, T.47 S., R.27 E., Hydrologic Unit 03090204, 300 ft south of C 3rd Avenue South (Platt Road), 0.25 mi west of County Road 846 and 12 mi southwest of Immokalee.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation water-table well, diameter 6 in., depth 40 ft, cased to 15 ft, open hole 15 to 40 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of flange, 22.92 ft above National Geodetic Vertical Datum of 1929. Prior to October 24, 1996, measuring point was top of casing, 22.86 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 19.1 ft above NGVD.

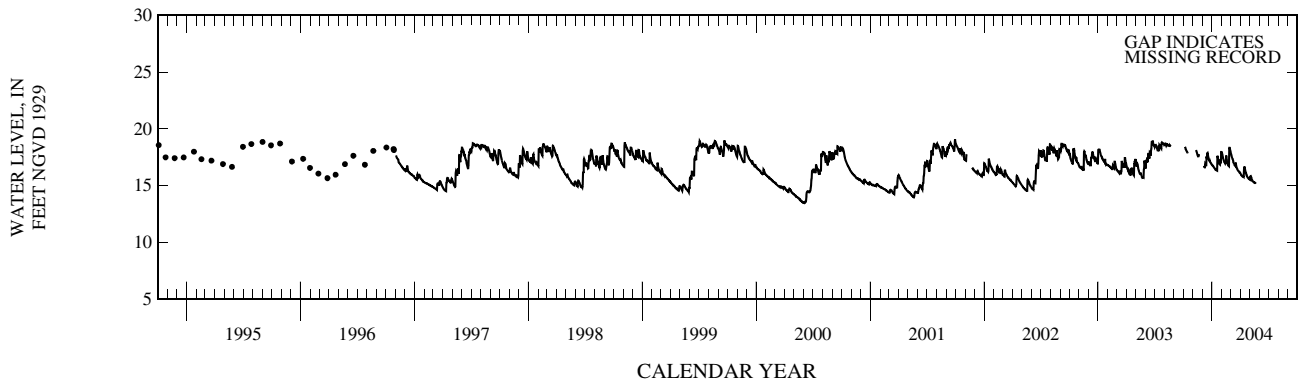
REMARKS.--Shelter for data logger installed October 24, 1996, well discontinued May 2004. See DATUM.

PERIOD OF RECORD.--October 1984 to October 1996 (monthly), October 1996 to May 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.07 ft NGVD, Oct. 4, 1993; lowest daily maximum water level, 13.45 ft NGVD, June 3, 2000.

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	---	---	16.74	16.69	17.45	17.46	15.88	15.77	---	---	---	---
10	18.12	---	16.95	16.52	17.04	17.03	15.79	15.39	---	---	---	---
15	17.84	17.73	17.39	16.35	17.66	16.74	16.46	15.27	---	---	---	---
20	---	17.62	17.43	17.38	16.90	16.56	15.97	15.18	---	---	---	---
25	---	---	17.14	16.88	18.33	16.29	15.68	---	---	---	---	---
EOM	---	---	16.85	17.96	17.98	16.12	15.63	---	---	---	---	---
MAX	---	---	---	17.96	18.33	17.88	16.62	---	---	---	---	---



COLLIER COUNTY—Continued

WELL NUMBER.--262121081355502. Local Number C 963.

LOCATION.--Lat 26°21'23", long 81°35'59", in SE 1/4 SW 1/4 sec.27, T.47 S., R.27 E., Hydrologic Unit 03090204, 300 ft south of C 3rd Avenue South (Platt Rd.), 0.25 mi west of County Road 846 and 12 mi southwest of Immokalee.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 340 ft, cased to 310 ft, open hole 310 to 340 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Measuring point: Top of 4 in. coupling, 19.58 ft above National Geodetic Vertical Datum of 1929. Prior to February 2004, measuring point was top of 4 in. coupling 19.57 ft above NGVD. Prior to August 2000, measuring point was top of gate valve, 20.97 ft above NGVD. Prior to October 1992, top of gate valve was incorrectly considered to be 24.96 ft above NGVD. The figures of water level as elevation, in feet NGVD, prior to October 1992 are in error. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 19.1 ft above NGVD.

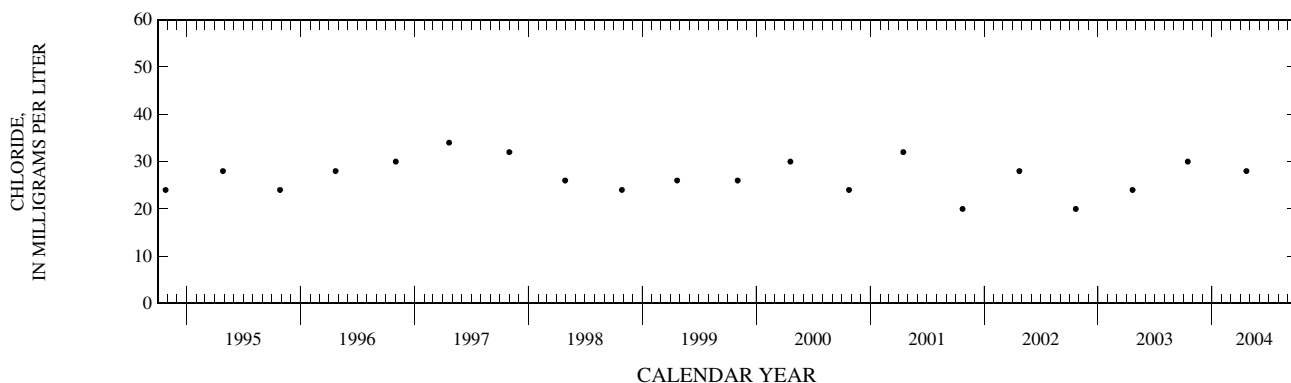
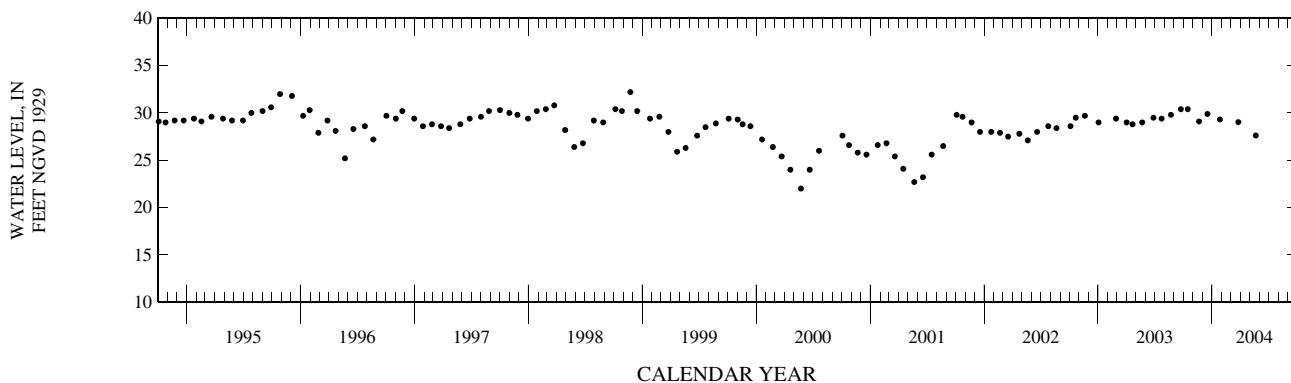
REMARKS.--Well is also used for salinity monitoring. This well is open to the aquifer for 30 ft. The exact depth from which the chloride-containing water is emanating cannot be further delineated. The figures of water level as elevation, in feet NGVD, prior to October 1992 are in error. A -4.00 ft correction has been applied to correct water-level data. Corrected records are in the files of the U.S. Geological Survey. Well was damaged in August 2000 and repaired September 2000. Well was damaged and repaired in February 2004. Well was discontinued after May 2004. (Corrected). See DATUM.

PERIOD OF RECORD.--October 1984 to May 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.2 ft NGVD, Nov. 23, 1998; lowest, 15.28 ft NGVD, Feb. 22, 1989.

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					MAR				
15...	1036	30.4	410	30	25...	1344	29.0	--	--
NOV					APR				
20...	0951	29.1	--	--	20...	1430	--	415	28
DEC					MAY				
17...	1234	29.9	--	--	20...	1536	27.6	--	--
JAN									
26...	1159	29.3	--	--					



COLLIER COUNTY—Continued

WELL NUMBER.--262121081355503. Local Number C 979.

LOCATION.--Lat 26°21'23", long 81°35'59", in NW 1/4 SE 1/4 sec.27, T.47 S., R.27 E., Hydrologic Unit 03090204, 300 ft south of C 3rd Avenue South (Platt Road), 0.25 mi west of County Road 846 and 12 mi southwest of Immokalee.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 113 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 18.59 ft above National Geodetic Vertical Datum of 1929. Prior to March 16, 2000, top of casing was 22.30 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 19.1 ft above NGVD.

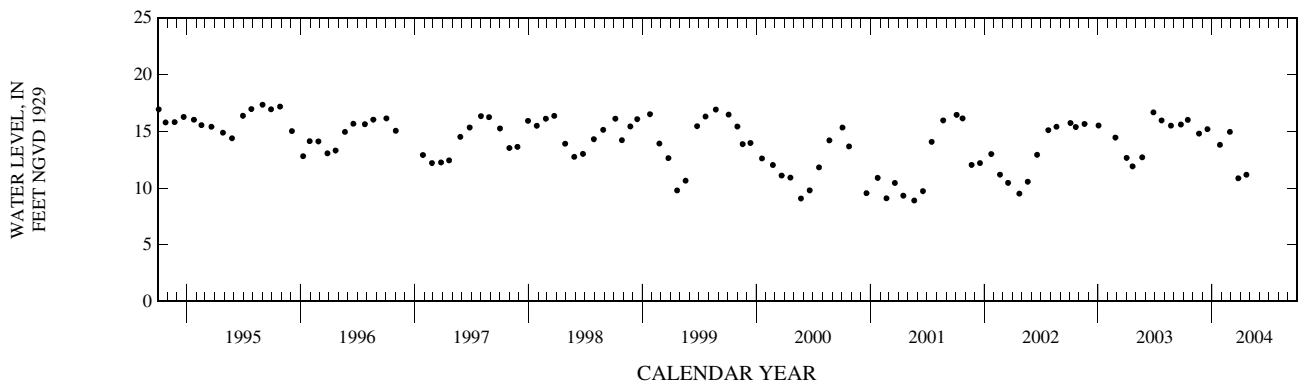
REMARKS.--Casing cut for meter box installation in March 2000. See DATUM. Well also used for salinity monitoring October 1984 to April 1993. Well discontinued in May 2004.

PERIOD OF RECORD.--October 1984 to May 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.79 ft NGVD, July 26, 1988; lowest, 6.93 ft NGVD, Mar. 29, 1990.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 15...	1416	16.00	FEB 27...	0953	14.94
NOV 20...	0954	14.79	MAR 25...	1350	10.85
DEC 17...	1238	15.18	APR 20...	1430	11.16
JAN 26...	1201	13.80			



COLLIER COUNTY—Continued

WELL NUMBER.--262136081204201. Local Number C 966.

LOCATION.--Lat 26°21'38", long 81°20'41", in NE 1/4 SW 1/4 sec.29, T.47 S., R.30 E., Hydrologic Unit 03090204, 98 ft north of Motorola Road, 55 ft west of State Road 29, 4.0 mi north of County Road 858, 5.7 mi south of State Road 29A and 6.5 mi south of Immokalee.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 30 ft, open hole 30 to 40 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 22.31 ft above National Geodetic Vertical Datum of 1929. Prior to April 1998, top of casing was 27.55 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 21.3 ft above NGVD.

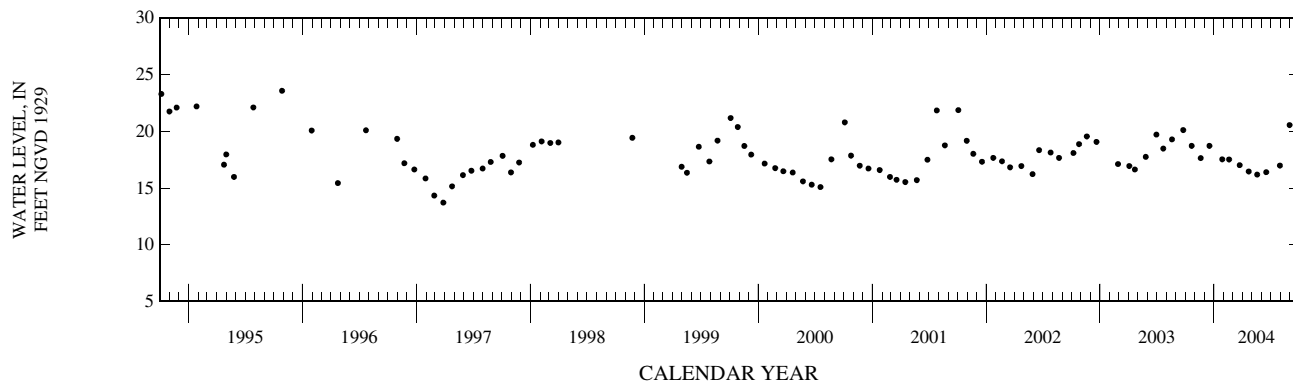
REMARKS.--Station reconstructed on April 30, 1999. See DATUM.

PERIOD OF RECORD.--October 1984 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.56 ft NGVD, Oct. 27, 1995; lowest, 13.71 ft NGVD, Mar. 27, 1997.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT			APR		
21...	1131	18.71	21...	1228	16.45
NOV			MAY		
19...	1224	17.63	18...	1425	16.18
DEC			JUN		
17...	1445	18.71	16...	1334	16.39
JAN			JUL		
27...	1324	17.52	30...	1320	16.97
FEB			AUG		
18...	1336	17.51	30...	1141	20.54
MAR			SEP		
23...	1534	17.01	20...	1110	20.70



COLLIER COUNTY—Continued

WELL NUMBER.--262136081204202. Local Number C 965.

LOCATION.--Lat 26°21'38", long 81°20'41", in NE 1/4 SW 1/4 sec.29, T.47 S., R.30 E., Hydrologic Unit 03090204, 98 ft north of Motorola Road, 55 ft west of State Road 29, 4.0 mi north of County Road 858, 5.7 mi south of State Road 29A and 6.5 mi south of Immokalee.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 460 ft, cased to 438 ft, open hole 438 to 460 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of 6 in. casing, 23.41 ft above National Geodetic Vertical Datum of 1929. Prior to April 30, 1999, top of casing was 26.96 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 21.4 ft above NGVD.

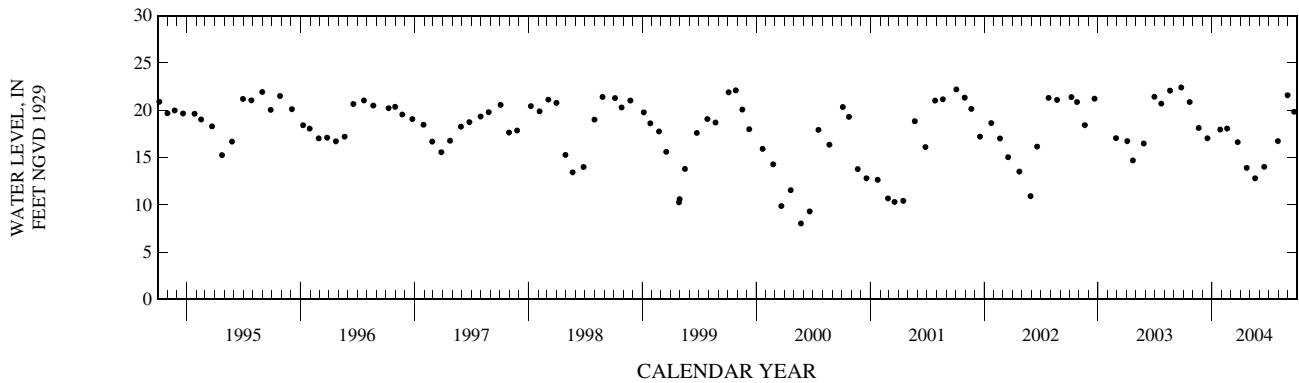
REMARKS.--Station reconstructed because of road construction on April 30, 1999. See DATUM.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.41 ft NGVD, Sept. 24, 2003; lowest, 8.03 ft NGVD, May 23, 2000.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 21...	1133	20.87	APR 21...	1229	13.91
NOV 19...	1227	18.13	MAY 18...	1427	12.81
DEC 17...	1444	17.04	JUN 16...	1330	14.02
JAN 27...	1325	17.96	JUL 30...	1322	16.74
FEB 18...	1338	18.07	AUG 30...	1139	21.59
MAR 23...	1535	16.63	SEP 20...	1119	19.84



COLLIER COUNTY—Continued

WELL NUMBER.--262158081283401. Local Number C 981.

LOCATION.--Lat 26°22'00", long 81°28'36", in SE 1/4 SW 1/4 sec.24, T.47 S., R.28 E., Hydrologic Unit 03090204, 30 ft north of County Road 846, 2.8 mi east of Oil Grade Road and 4.5 mi southwest of Immokalee.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 60 ft, cased to 40 ft, open hole 40 to 60 ft.

INSTRUMENTATION.--Satellite data collection platform.

DATUM.--Measuring point: Top of shelf, 24.84 ft above National Geodetic Vertical Datum of 1929. From October 1, 2001 to September 30, 2002, top of shelf was incorrectly considered to be 24.87 ft above NGVD. From October 24, 1996 to October 2001, top of shelf was incorrectly considered to be 18.79 ft above NGVD. From October 1994 to October 24, 1996, measuring point was top of casing, incorrectly considered to be 20.24 ft above NGVD. Prior to October 1994, top of casing was incorrectly considered to be 20.34 ft above NGVD. The figures of water level as elevation, in feet NGVD, prior to October 2002 are in error. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 21.3 ft above NGVD.

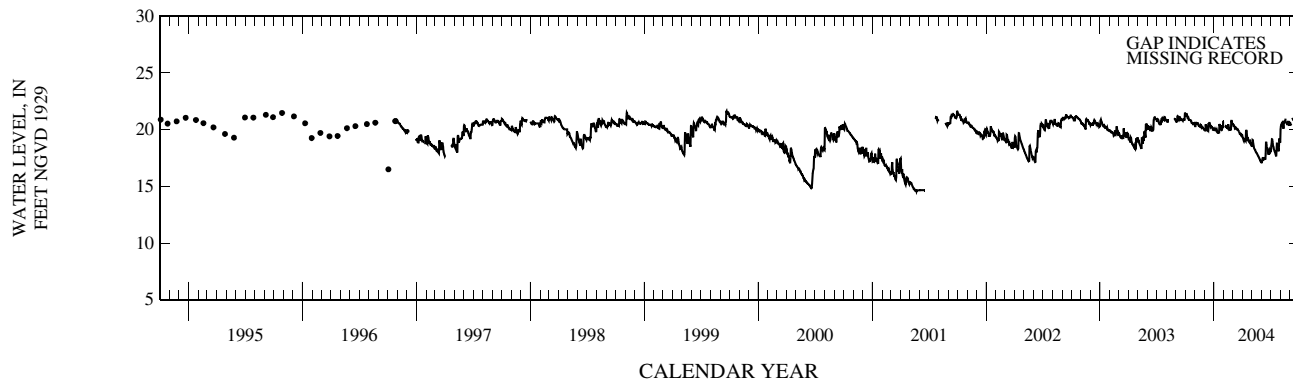
REMARKS.--The figures of water level as elevation, in feet NGVD, prior to October 2001, are in error. A +6.05 ft correction has been applied to correct water-level data prior to October 2001. A correction of -0.03 ft has been applied to water-level data from October 2001 to September 2002. Corrected records are in files of the U.S. Geological Survey. See DATUM.

PERIOD OF RECORD.--October 1984 to September 1996 (monthly), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.65 ft NGVD, Sept. 29, 2001 (Corrected); lowest, 14.53 ft NGVD, May 22, 2001 (Corrected).

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	21.26	20.59	20.46	20.03	20.33	20.32	19.02	18.79	17.49	19.11	20.55	---
10	21.06	20.55	20.16	19.95	20.18	20.20	19.05	18.27	17.38	18.35	20.08	20.89
15	20.84	20.30	20.46	19.72	20.45	20.03	19.49	17.97	18.85	17.93	20.64	20.71
20	20.61	20.39	20.29	20.23	20.06	19.87	19.04	17.73	18.23	18.77	20.62	20.64
25	20.50	20.20	20.20	19.96	20.77	19.63	19.02	17.45	18.16	18.16	20.68	20.60
EOM	20.40	20.00	20.00	20.68	20.50	19.52	18.70	17.11	18.10	18.85	20.59	20.68
MAX	21.40	20.59	20.58	20.68	---	20.49	19.96	19.07	18.85	19.16	---	---



COLLIER COUNTY—Continued

WELL NUMBER.--262158081283402. Local Number C 983.

LOCATION.--Lat 26°22'00", long 81°28'36", in SE 1/4 SW 1/4 sec.24, T.47 S., R.28 E., Hydrologic Unit 03090204, 30 ft north of County Road 846, 2.8 mi east of Oil Grade Road and 4.5 mi southwest of Immokalee.

AQUIFER.--Mid-hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 520 ft, cased to 480 ft, open hole 480 to 520 ft.

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

DATUM.--Measuring point: "X" on top of carriage bolt, 24.61 ft above National Geodetic Vertical Datum of 1929. From October 1984 to September 18, 2002, measuring point was "X" on top of 2 in. reducer, 21.04 ft above NGVD. From October 1, 1986 to October 2001, top of reducer was incorrectly considered to be 16.70 ft above NGVD. Prior to October 1, 1986, top of reducer was considered to be 20.68 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 21.0 ft above NGVD.

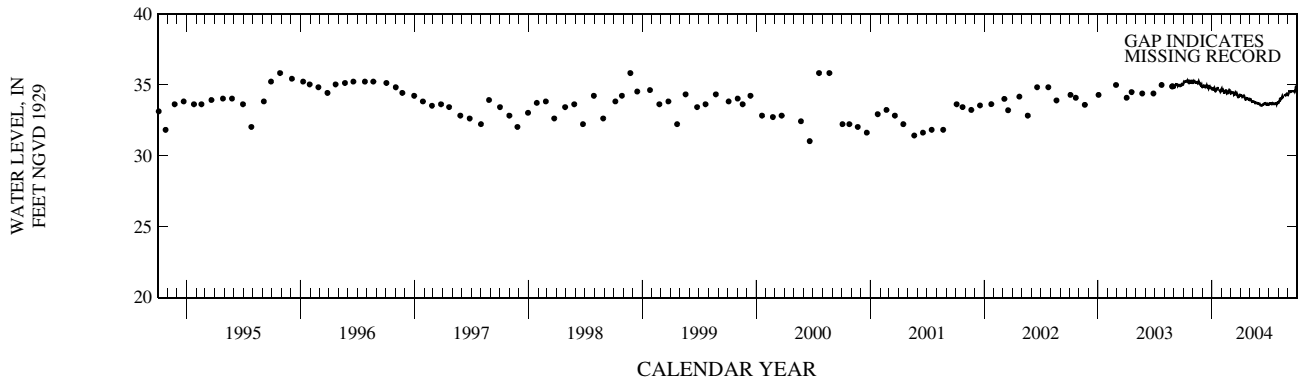
REMARKS.--The figures of water level as elevation, in feet NGVD, prior to October 2001 are in error. A +4.34 ft correction has been applied to correct water-level data from October 1986 to September 2001. A +0.36 ft correction has been applied to correct water-level data prior to October 1986. Corrected records are in files of the U.S. Geological Survey. Extremes for the period of record have been adjusted to present datum. See DATUM.

PERIOD OF RECORD.--October 1984 to August 2003 (monthly), September 2003 to current.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.1 ft NGVD, Nov. 25, 1987; lowest, 20.56 ft NGVD, May 28, 1985.

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	35.21	35.18	34.97	34.79	34.57	34.46	34.21	33.92	33.59	33.66	33.97	---
10	35.28	35.19	35.00	34.73	34.54	34.43	34.20	33.82	33.60	33.64	34.03	34.54
15	35.22	35.14	34.83	34.68	34.62	34.41	34.06	33.83	33.65	33.70	34.13	34.56
20	35.21	35.19	34.77	34.68	34.52	34.29	34.08	33.72	33.72	33.66	34.24	34.56
25	35.10	35.00	34.82	34.60	34.66	34.14	34.01	33.71	33.63	33.65	34.30	34.81
EOM	35.14	34.85	34.70	34.70	34.41	34.30	34.00	33.70	33.64	33.72	34.28	34.58
MAX	35.35	35.27	35.00	---	34.74	34.49	34.28	34.02	33.72	33.78	---	---





COLLIER COUNTY—Continued

WELL NUMBER.--262158081283403. Local Number C 982.

LOCATION.--Lat 26°22'00", long 81°28'36", in SE 1/4 SW 1/4 sec.24, T.47 S., R.28 E., Hydrologic Unit 03090204, 30 ft north of County Road 846, 2.8 mi east of Oil Grade Road and 4.5 mi southwest of Immokalee.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 160 ft, cased to 150 ft, open hole 150 to 160 ft.

INSTRUMENTATION.--Satellite data collection platform.

DATUM.--Measuring point: Top of flange, 25.41 ft above National Geodetic Vertical Datum of 1929. From October 2001 to September 18, 2002, measuring point was top of casing, 26.32 ft above NGVD. From March 1987 to October 2001, top of casing was incorrectly considered to be 20.25 ft above NGVD. Prior to March 1987, top of casing was 26.64 ft above NGVD, but incorrectly considered to be 20.57 ft above NGVD. The figures of water level as elevation, in feet NGVD, prior to October 2001 are in error. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 21.6 ft above NGVD.

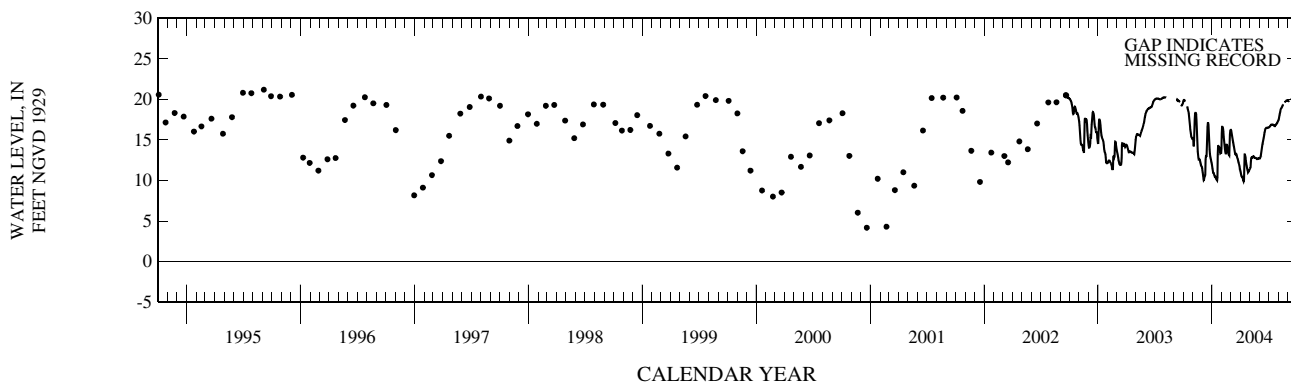
REMARKS.--The figures of water levels as elevation, in feet NGVD, prior to October 1, 2001, are in error. A +6.07 ft correction has been applied to correct water-level data prior to October 2001. Corrected records are in the files of the U.S. Geological Survey. Extremes for period of record have been adjusted to present datum. See DATUM.

PERIOD OF RECORD.--October 1984 to August 2002 (monthly), September 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.27 ft NGVD, July 24, 1991; lowest, 0.84 ft below NGVD, Mar. 31, 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	19.90	16.52	10.06	10.92	16.44	15.49	10.49	12.73	13.05	16.72	18.26	---
10	---	18.28	10.73	10.44	14.17	14.37	9.99	12.90	14.43	16.90	18.95	20.00
15	18.77	14.18	14.70	10.14	13.45	13.26	13.21	12.90	15.47	16.87	19.33	19.84
20	17.46	12.63	16.87	14.24	13.80	13.06	12.00	12.77	16.34	16.70	19.66	19.43
25	15.79	12.10	13.29	13.92	13.10	12.31	11.01	12.65	16.50	16.97	19.83	19.11
EOM	15.25	11.48	12.02	13.90	16.21	11.30	11.35	12.71	16.53	17.35	19.84	18.82
MAX	---	18.35	17.08	14.26	16.63	16.23	13.21	12.99	16.53	17.35	---	---



COLLIER COUNTY—Continued

WELL NUMBER.--262158081283404. Local Number C 1079.

LOCATION.--Lat 26°22'00", long 81°28'36", in SW 1/4 SE 1/4 SW 1/4 sec.24, T.47 S., R.28 E., Hydrologic Unit 03090204, 30 ft north of County Road 846, 2.8 mi east of Oil Grade Road and 4.5 mi southwest of Immokalee.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 390 ft, cased to 298 ft, 92 ft of open hole.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 22.74 ft above National Geodetic Vertical Datum of 1929. From December 1986 to September 2001, top of base was incorrectly considered to be 16.67 ft above NGVD. Prior to December 1986, measuring point was top of casing, 21.41 ft above NGVD, but incorrectly considered to be 15.34 ft above NGVD. The figures of water level as elevation, in feet NGVD, prior to October 2001 are in error. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 21.1 ft above NGVD.

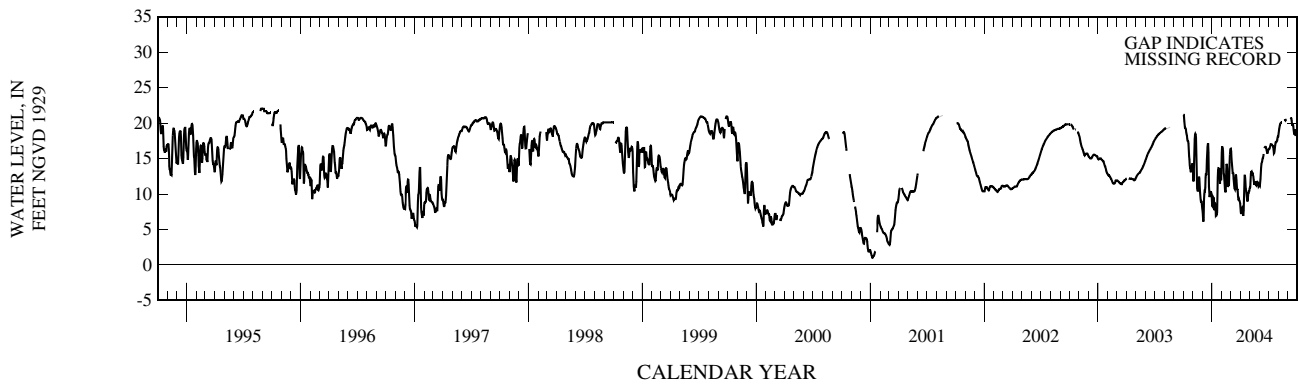
REMARKS.--The figures of water levels as elevation, in feet NGVD, prior to October 2001, are in error. A +6.07 ft correction has been applied to correct water level data from October 1985 to September 2001. Corrected records are available in the files of the U.S. Geological Survey. See DATUM. Records of water levels prior to December 1986 are available in the files of the U.S. Geological Survey. Extremes for period of record have been adjusted to present datum. See DATUM.

PERIOD OF RECORD.--April 1985 to September 1986 (semiannual), December 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 22.05 ft NGVD, Aug. 28-31, 1995; lowest, 0.77 ft below NGVD, Apr. 26, 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	19.76	16.62	6.72	9.49	16.07	13.94	8.00	13.14	13.01	16.74	19.67	---
10	18.68	17.98	10.90	8.72	11.45	12.17	6.93	13.02	14.86	17.01	20.09	20.72
15	17.49	10.53	14.78	7.29	13.19	11.18	12.59	11.30	---	16.57	---	19.78
20	14.88	12.45	15.86	13.36	11.58	11.20	10.14	11.32	16.65	16.50	---	18.39
25	13.06	9.25	9.83	12.70	12.59	9.27	9.59	11.56	15.92	17.32	20.47	18.18
EOM	14.05	7.96	9.39	14.17	16.35	8.67	10.81	11.30	16.27	18.12	---	---
MAX	21.17	18.51	17.04	14.17	16.63	16.39	12.59	13.19	---	18.12	---	---



COLLIER COUNTY—Continued

WELL NUMBER.--262212081312501. Local Number C 1245.

LOCATION.--Lat 26°22'12", long 81°31'25, in SE ¼ SE ¼ SW ¼ sec.21, T.47 S., R.28 E., Hydrologic Unit 03090204, 20 ft east of Oil Well Grade Road, .5 mi north of County Road 846, 2 mi east of Everglades Boulevard.

AQUIFER.--Lower Tamiami aquifer of Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 82.4 ft.

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

DATUM.--Measuring point: Top of casing, 26.39 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 23.9 ft above NGVD.

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

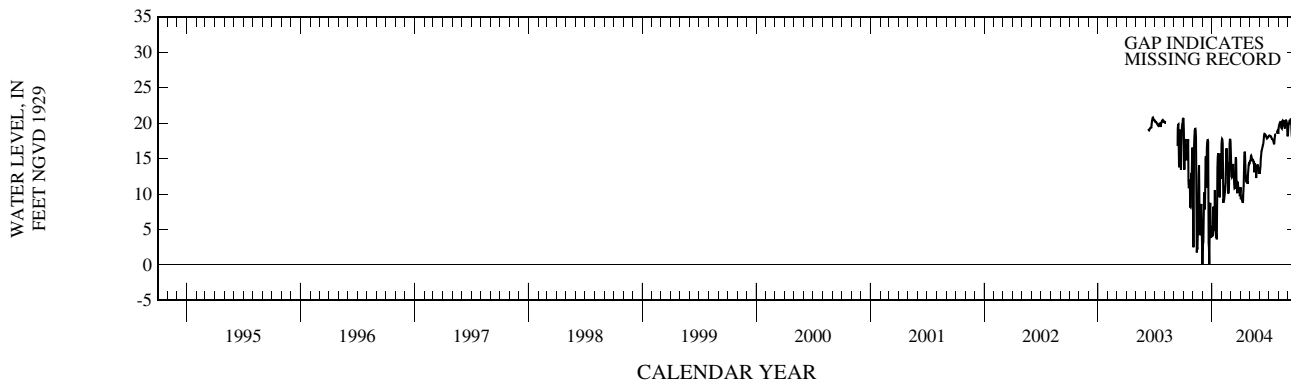
EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 20.81 ft above NGVD, June 25, 2003; lowest, 0.10 ft NGVD, Dec. 23, 2003.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	---	20.14	20.11	---
10	---	---	---	---	---	---	---	---	19.16	19.81	---	---
15	---	---	---	---	---	---	---	---	19.20	19.70	---	19.84
20	---	---	---	---	---	---	---	---	19.36	19.46	---	18.62
25	---	---	---	---	---	---	---	---	20.81	20.27	---	17.79
EOM	---	---	---	---	---	---	---	---	20.35	20.18	---	20.62
MAX	---	---	---	---	---	---	---	---	---	20.44	---	---

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	16.42	18.08	6.46	8.21	13.04	12.53	9.63	15.43	14.99	18.20	20.01	20.26
10	14.77	17.91	11.96	10.55	9.94	13.22	10.37	14.86	16.56	17.88	19.34	20.49
15	17.10	2.37	16.57	4.25	16.02	11.31	15.86	13.08	18.15	17.53	20.33	18.54
20	11.08	14.05	10.94	15.74	12.65	11.67	12.15	13.96	18.36	18.12	20.24	16.74
25	11.07	6.50	7.79	9.52	15.20	10.74	12.78	14.09	17.86	---	20.37	16.43
EOM	10.82	2.68	5.16	16.33	17.35	10.20	14.32	13.15	18.13	18.48	18.64	14.00
MAX	20.61	19.19	17.61	16.33	17.78	15.61	15.98	15.43	18.49	---	20.37	20.54



COLLIER COUNTY—Continued

WELL NUMBER.--262228081361901. Local Number C 492.

LOCATION.--Lat 26°22'28", long 81°36'19", in SE 1/4 NW 1/4 sec.22, T.47 S., R.27 E., Hydrologic Unit 03090204, Corkscrew Swamp Sanctuary, north of service road, 0.01 mi west of parking lot, 1 mi west and 0.55 mi north of County Road 846 on County Road 849 and 12 mi north of Immokalee.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD. See REMARKS

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 64 ft, cased 60 ft, open hole 60 to 64 ft. See REMARKS.

INSTRUMENTATION.--Satellite data collection platform.

DATUM.--Measuring point: Top of shelf, 21.46 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 18.4 ft above NGVD.

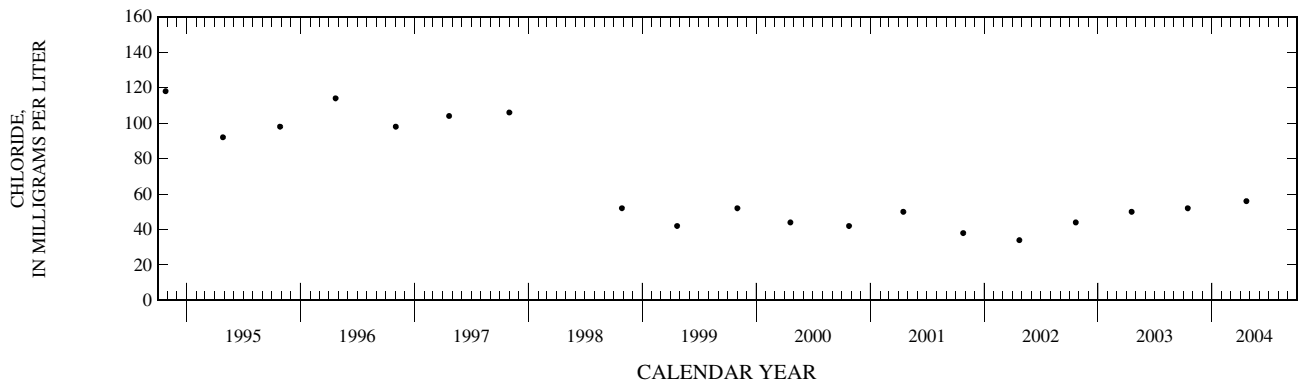
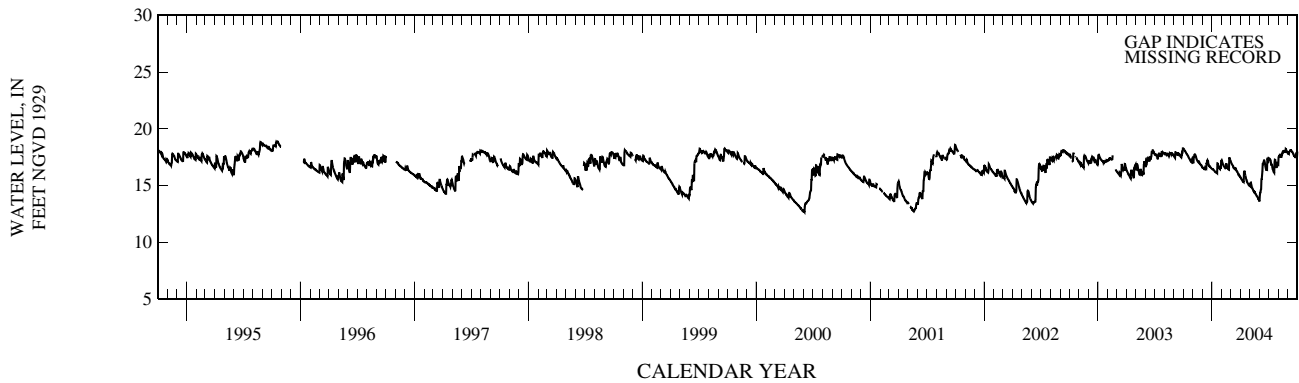
REMARKS.--Well was used for salinity monitoring until September 2004. Borehole camera inspection indicates that this well is open to the aquifer at a depth of 19 ft and is currently 21 ft deep. It is unknown whether or not the cased depth and well depth that were initially reported for this well were incorrect. It is possible that the casing has separated and the well has filled in with rock from the formation. See WELL CHARACTERISTICS.

PERIOD OF RECORD.--October 1973 to September 1984 (daily), October 1984 to October 1986 (intermittent), November 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 18.88 ft NGVD, Oct. 19, 1995; lowest, 12.35 ft NGVD, May 6, 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	18.10	17.73	16.52	16.40	16.90	16.85	15.53	15.12	14.61	17.25	17.73	18.00
10	17.86	17.56	16.64	16.26	16.61	16.60	15.34	14.72	16.27	16.86	17.47	18.09
15	17.65	17.18	16.95	16.15	16.96	16.43	16.05	14.34	17.22	16.32	17.95	17.93
20	17.36	17.12	16.93	16.85	16.51	16.27	15.54	14.25	16.68	17.28	18.02	17.61
25	17.13	16.84	16.66	16.49	17.43	15.98	15.18	14.00	16.46	16.56	18.20	17.52
EOM	17.13	16.63	16.48	17.21	17.19	15.77	15.05	13.68	17.40	16.79	17.84	18.01
MAX	18.26	17.75	17.23	17.21	17.43	17.14	16.25	15.26	17.40	17.38	18.24	18.14



COLLIER COUNTY—Continued

WELL NUMBER.--262228081361902. Local Number C 1080.

LOCATION.--Lat 26°22'28", long 81°36'19", in SE 1/4 NW 1/4 sec.22, T.47 S., R.27 E., Hydrologic Unit 03090204, at Corkscrew Swamp Sanctuary, next to C-492 north of service road, 0.1 mi west of parking lot, 1 mi west and 0.55 mi north of County Road 846 on County Road 849 and 12 mi southwest of Immokalee and 15 mi northeast of East Naples.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 309 ft, cased to 238 ft, open hole 238 to 309 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage or chalked tape.

DATUM.--Measuring point: Top of 2 3/4 in. bushing, 23.46 ft above National Geodetic Vertical Datum of 1929. Prior to October 1992, measuring point was top of casing, 21.86 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 18.9 ft above NGVD.

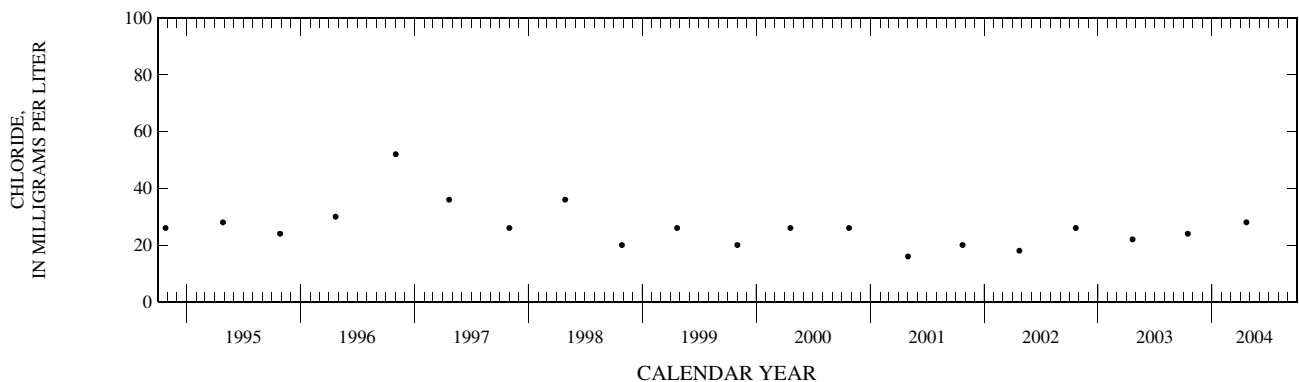
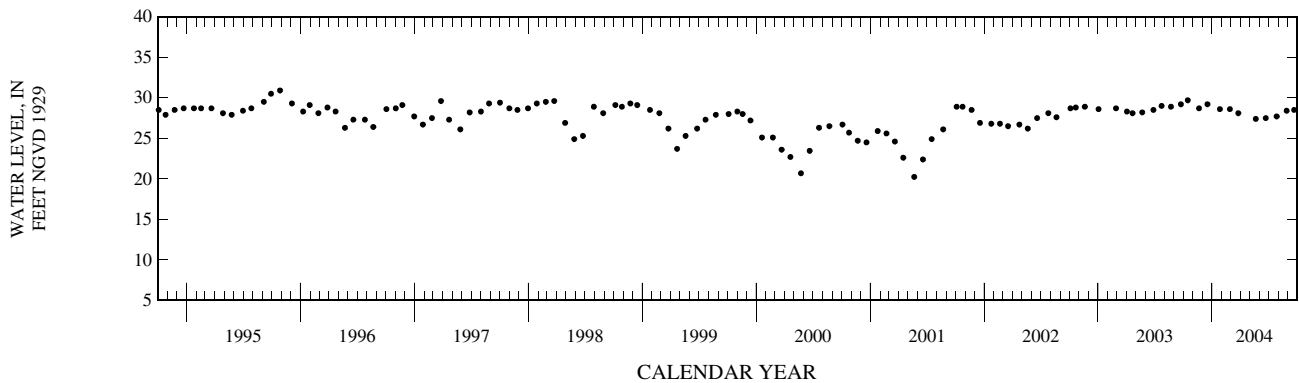
REMARKS.--Well is also used for salinity monitoring. This well is open to the aquifer for 71 ft. The exact depth from which the chloride-containing water is emanating cannot be further delineated.

PERIOD OF RECORD.--October 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.90 ft NGVD, Oct. 27, 1995; lowest, 11.76 ft NGVD, Feb. 22, 1989.

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

Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unfiltered, uS/cm (00095)	Chloride, water, filtered, mg/L (00940)	Date	Time	Elevation, feet above NGVD (72020)	Specif. conduc-tance, wat unfiltered, uS/cm (00095)	Chloride, water, filtered, mg/L (00940)
OCT 15...	1049	29.7	442	24	APR 20...	1345	--	442	28
NOV 20...	1006	28.7	--	--	MAY 20...	1553	27.4	--	--
DEC 17...	1250	29.2	--	--	JUN 21...	1118	27.5	--	--
JAN 26...	1217	28.6	--	--	JUL 26...	1028	27.7	--	--
FEB 27...	1420	28.6	--	--	AUG 27...	1315	28.4	--	--
MAR 25...	1400	28.1	--	--	SEP 20...	0848	28.5	--	--



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY—Continued

WELL NUMBER.--262248081314101. Local Number C 1244.

LOCATION.--Lat 26°22'48", long 81°31'41", in NW ¼ SE ¼ SW ¼ sec.21, T.47 S., R.28 E., Hydrologic Unit 03090204, 250 ft west of Oil Well Grade Road, 1.5 mi north of County Road 846, 2 mi east of Everglades Boulevard.

AQUIFER.--Lower Tamiami aquifer of Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 70 ft.

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

DATUM.--Measuring point: Top of casing, 25.89 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 22.7 ft above NGVD.

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

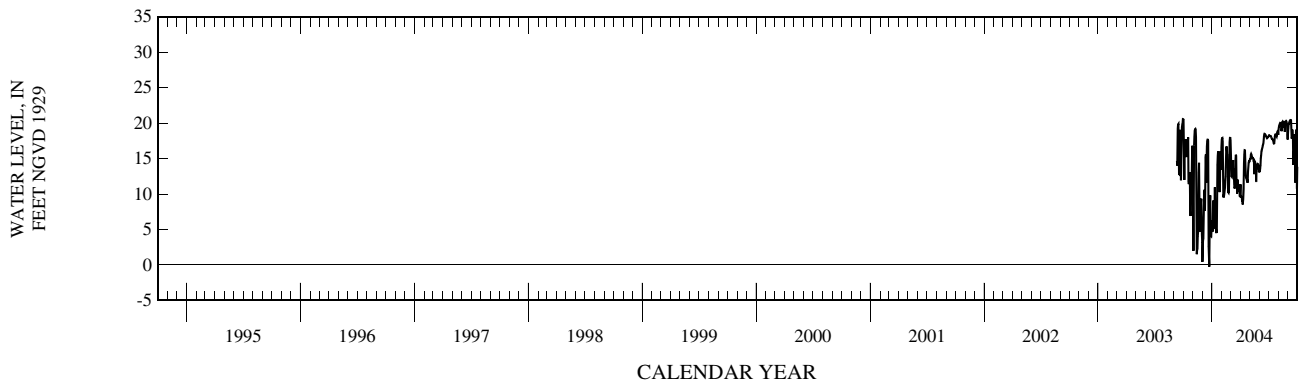
EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 20.54 ft above NGVD, Sept. 29, 2003; lowest, 0.25 ft below NGVD, Dec. 23, 2003.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	14.68
15	---	---	---	---	---	---	---	---	---	---	---	19.88
20	---	---	---	---	---	---	---	---	---	---	---	18.67
25	---	---	---	---	---	---	---	---	---	---	---	17.95
EOM	---	---	---	---	---	---	---	---	---	---	---	20.52
MAX	---	---	---	---	---	---	---	---	---	---	---	---

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	16.41	18.09	6.43	9.09	14.06	12.80	9.73	15.66	15.04	18.19	19.90	20.19
10	15.21	18.00	12.15	10.95	10.50	13.58	10.46	15.13	16.57	17.87	18.87	20.40
15	17.49	2.25	16.70	4.94	16.32	11.38	16.13	12.79	18.12	17.52	20.19	18.34
20	11.99	14.41	11.00	16.00	13.68	11.80	12.36	14.22	18.36	18.13	20.12	16.64
25	10.99	7.38	8.86	10.28	15.58	10.82	13.17	14.26	17.87	18.19	20.30	16.49
EOM	10.41	3.13	5.84	16.61	17.55	10.56	14.63	13.34	18.14	18.35	18.55	13.84
MAX	20.49	19.19	17.66	16.61	18.02	15.54	16.16	15.66	18.48	18.81	20.30	20.45



COLLIER COUNTY—Continued

WELL NUMBER.--262505081245301. Local Number C 258.

LOCATION.--Lat 26°25'03", long 81°24'58", in NW ¼ SW ¼ sec.3, T.47 S., R.29 E., Hydrologic Unit 03090204, 100 ft south of County Road 29, 500 ft east of State Road 846 and 0.10 mi east southeast of the Immokalee Post Office.

AQUIFER.--Lower Hawthorn aquifer of Oligocene to Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 783 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Measuring point: Top of 4 in. steel cap, 36.46 ft above National Geodetic Vertical Datum of 1929. Prior to September 1991, measuring point was incorrectly considered to be 37.06 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 33.7 ft above NGVD. (Corrected).

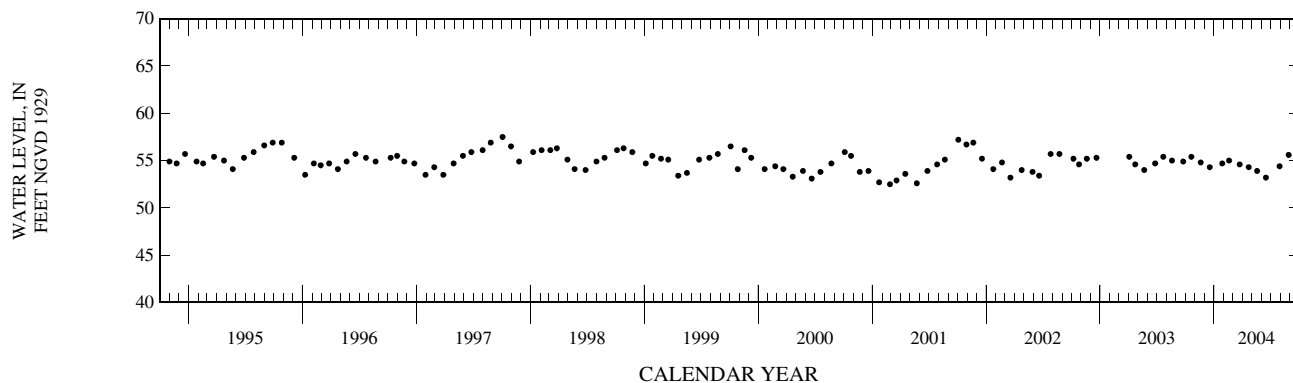
REMARKS.--The figures of water levels as elevation, in feet NGVD, prior to September 1991 are in error. A correction of -0.60 ft has been applied to correct water-level data. Corrected records are in files of the U.S. Geological Survey. See DATUM. Records of water levels prior to October 1983 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--April 1981 to September 1993 (monthly), October 1993 to September 1994 (semiannual), October 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.50 ft NGVD, Oct. 03, 1997; lowest, 51.50 ft NGVD, May 29, 1984 and June 24, 1987.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT			APR		
20...	1418	55.4	21...	0940	54.3
NOV			MAY		
19...	1513	54.8	18...	1001	53.9
DEC			JUN		
18...	1136	54.3	15...	1351	53.2
JAN			JUL		
27...	1015	54.7	29...	1218	54.4
FEB			AUG		
18...	0938	55.0	27...	1022	55.6
MAR			SEP		
23...	1149	54.6	20...	0909	55.4



COLLIER COUNTY—Continued

WELL NUMBER.--262507081235201. Local Number C 298.

LOCATION.--Lat 26°25'09", long 81°23'54", in SW 1/4 NW 1/4 sec.2, T.47 S., R.29 E., Hydrologic Unit 03090204, 30 ft north of County Road 846, 0.75 mi east of State Road 29, and 1.4 mi east of the Immokalee Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in., depth 303 ft, cased to 254 ft, open hole 254 to 303 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 33.38 ft above National Geodetic Vertical Datum of 1929. Prior to October 25, 2002, measuring point was 33.41 ft above NGVD. See DATUM.

LAND-SURFACE DATUM.--Land surface is approximately 31.9 ft above NGVD.

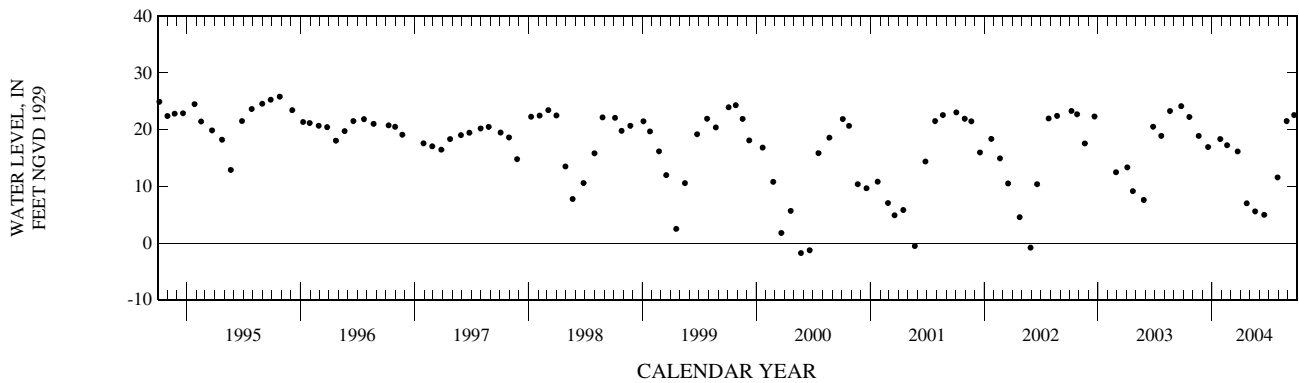
REMARKS.--Records of water levels prior to October 1983 are available in files of the U.S. Geological Survey. The well was damaged on October 25, 2002, and was repaired on November 25, 2003. See DATUM.

PERIOD OF RECORD.--October 1981 (annual), October 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.80 ft NGVD, Oct. 26, 1995; lowest, 1.76 ft below NGVD, May 23, 2000.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	1139	22.22	APR 21...	0949	7.01
NOV 19...	1327	18.88	MAY 18...	1222	5.58
DEC 19...	1012	16.92	JUN 16...	1134	4.97
JAN 27...	1140	18.32	JUL 29...	1407	11.56
FEB 18...	1114	17.24	AUG 27...	1219	21.49
MAR 23...	1320	16.14	SEP 20...	1028	22.56





COLLIER COUNTY—Continued

WELL NUMBER.--262519081162102. Local Number C 1074.

LOCATION.--Lat 26°25'20", long 81°16'19", in NE 1/4 SE 1/4 NE 1/4 sec.1, T.47 S., R.30 E., Hydrologic Unit 03090204, 50 ft south of County Road 846 at the Collier/Hendry County line southwest corner of County Road 846 and County Road 858, 9 mi east of Immokalee.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 130 ft, cased to 100 ft, open hole 100 to 130 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 29.71 ft above National Geodetic Vertical Datum of 1929. Prior to November 25, 1997, measuring point was top of shelf, 29.94 ft NGVD. (Corrected). See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 26.2 ft above NGVD.

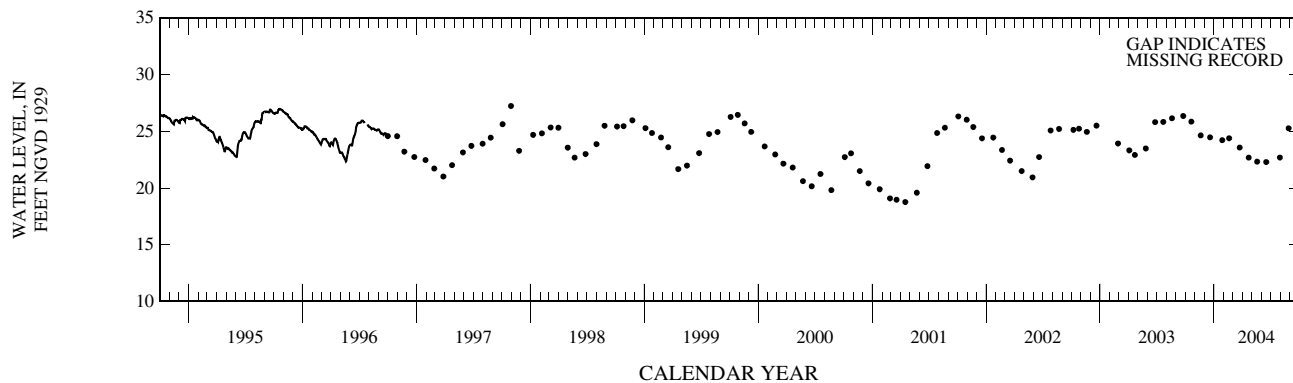
REMARKS.--Data logger enclosure and shelf removed, site re-surveyed April 30, 1998. See DATUM.

PERIOD OF RECORD.--November 1986 to September 1996 (daily), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 27.22 ft NGVD, Oct. 30, 1997; lowest, 18.76 ft NGVD, Apr. 16, 2001.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	1112	25.84	APR 21...	1004	22.67
NOV 19...	1310	24.63	MAY 18...	1235	22.32
DEC 19...	0931	24.46	JUN 16...	1147	22.28
JAN 27...	1153	24.21	JUL 30...	1234	22.68
FEB 18...	1126	24.38	AUG 27...	1232	25.26
MAR 23...	1334	23.56	SEP 20...	1039	25.89



COLLIER COUNTY—Continued

WELL NUMBER.--262521081161901. Local Number C 131.

LOCATION.--Lat 26°25'20", long 81°16'19", in NE 1/4 SE 1/4 NE 1/4 sec.1, T.47 S., R.30 E., Hydrologic Unit 03090204, 50 ft northeast of the intersection of County Road 846 and County Road 858, at the Collier/Hendry County line and 9 mi east of Immokalee.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 54 ft, cased to 22 ft, open hole 22 to 54 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of recorder shelf, 29.65 ft above National Geodetic Vertical Datum of 1929. From October 1975 to September 1980, measuring point was incorrectly reported to be top of casing, 29.71 ft above NGVD. Prior to October 1975, measuring point was considered to be top of casing, 29.60 ft above NGVD. The figures of water level as elevation, in feet NGVD, prior to October 1975 are considered to be in error. The figures of water level as elevation, in feet NGVD, from October 1975 to September 1980 may also be in error. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 29.2 ft above NGVD. (Corrected).

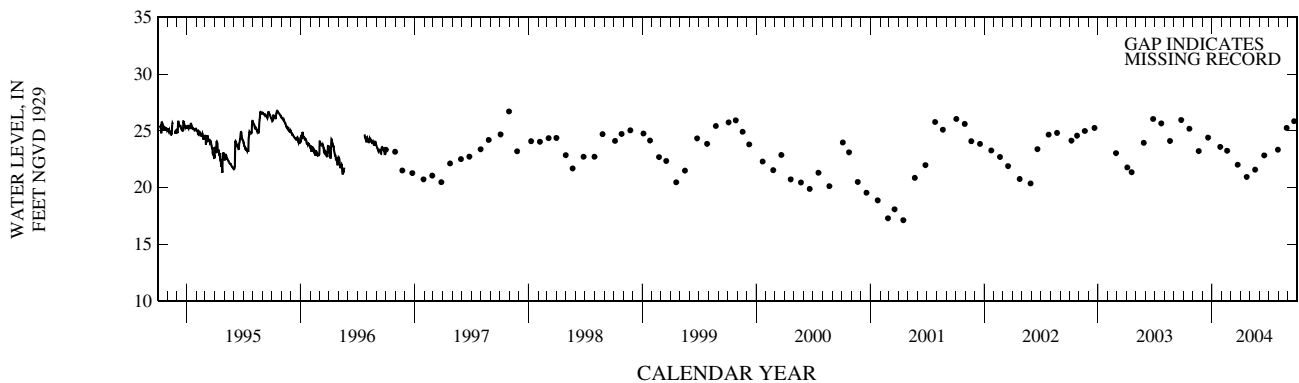
REMARKS.--Water levels affected by nearby irrigation. The figures of water level as elevation, in feet NGVD, prior to October 1975 are considered to be in error. A correction of +0.05 ft may be required to correct water-level data. See DATUM. Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--June 1952 to September 1996 (daily), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 26.83 ft NGVD, present datum, Oct. 9, 1953; lowest, 15.73 ft NGVD, Apr. 14, 1989.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT			APR		
20...	1120	25.19	21...	1011	20.94
NOV			MAY		
19...	1315	23.22	18...	1240	21.58
DEC			JUN		
19...	0929	24.41	16...	1150	22.84
JAN			JUL		
27...	1157	23.59	30...	1229	23.34
FEB			AUG		
18...	1131	23.25	27...	1235	25.26
MAR			SEP		
23...	1339	22.02	20...	1045	25.85



COLLIER COUNTY—Continued

WELL NUMBER.--262554081283801. Local Number C 687.

LOCATION.--Lat 26°25'54", long 81°28'39", in NE 1/4 SW 1/4 sec.36, T.46 S., R.28 E., Hydrologic Unit 03090204, in island of Tippins Terrace Road, 0.1 mi south of County Road 890, 3.2 mi west of the Immokalee Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 310 ft, cased to 290 ft, open hole 290 to 310 ft.

INSTRUMENTATION.--Satellite data collection platform.

DATUM.--Measuring point: Top of casing, 27.06 ft above National Geodetic Vertical Datum of 1929. From October 1989 to March 17, 1998, top of casing was 25.92 ft above NGVD. From October 1985 to September 1989, top of casing was 26.24 ft above NGVD. Prior to October 1985, top of casing was incorrectly considered to be 9.81 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 23.6 ft above NGVD.

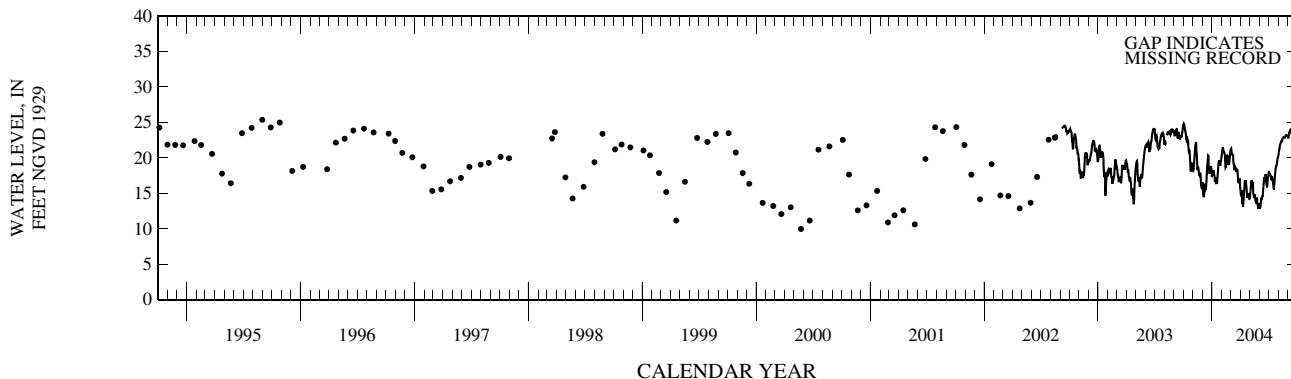
REMARKS.--The figures of water level as elevation, in feet NGVD, prior to October 1985 are in error. A correction of +15.43 ft has been applied to correct water-level data. Corrected records are in the files of the U.S. Geological Survey. See DATUM. Records of water levels prior to October 1983 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--October 1981 to September 1982 (intermittent), October 1982 to July 2002 (monthly), August 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.38 ft NGVD, Aug. 31, 1995; lowest, 4.03 ft NGVD, Apr. 24, 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	24.28	19.99	14.60	18.28	21.48	20.52	15.45	16.51	13.62	17.68	21.70	23.62
10	22.74	22.25	16.13	16.66	20.57	19.14	13.60	16.21	14.62	16.97	22.38	23.97
15	22.14	18.35	17.93	16.82	19.30	18.67	16.89	14.58	16.98	16.18	22.84	23.40
20	21.08	17.72	20.27	18.48	20.13	18.30	15.95	13.86	17.61	17.42	22.93	---
25	18.10	17.50	18.04	19.41	19.27	16.76	15.00	13.54	15.85	18.90	23.18	22.41
EOM	18.24	16.36	17.29	20.10	21.05	15.84	14.26	13.22	17.81	20.19	22.94	22.53
MAX	24.81	22.25	20.32	20.10	21.48	21.32	16.89	16.77	17.81	20.19	23.18	---



COLLIER COUNTY—Continued

WELL NUMBER.--262555081242501. Local Number C 363.

LOCATION.--Lat 26°25'55", long 81°24'25", in NW ¼ SE ¼ sec.34, T.46 S., R.29 E., Hydrologic Unit 03090204, 54 ft south of west access road to Immokalee Airport near beacon tower, 1 mi north of State Road 29 and 1.2 mi east of the Immokalee Post Office.

AQUIFER.--Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 119 ft, cased to 84 ft, open hole 84 to 119 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 33.86 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 34.1 ft above NGVD.

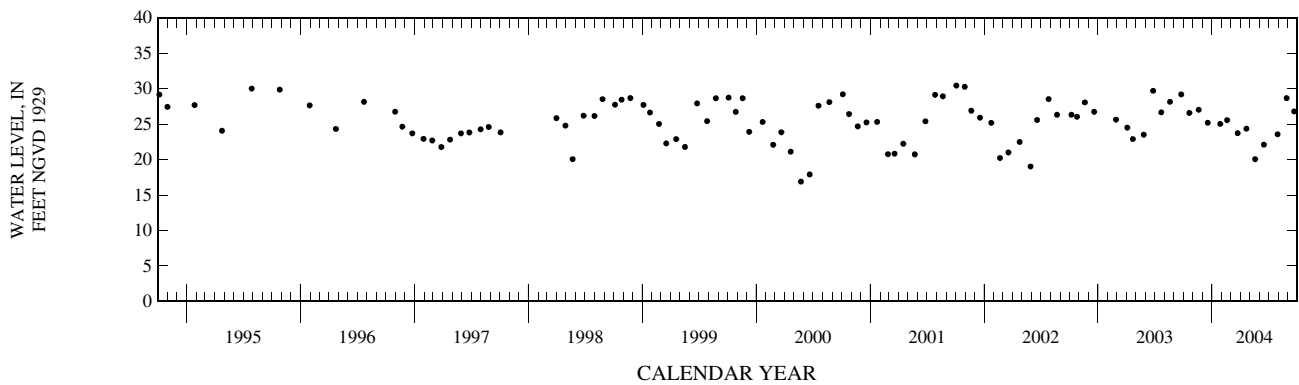
REMARKS.--Records of water levels prior to October 1983 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--June 1961 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.19 ft NGVD, June 24, 1982; lowest, 16.89 ft NGVD, May 23, 2000.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT			APR		
20...	1155	26.58	20...	1340	24.36
NOV			MAY		
19...	1341	27.02	18...	1019	20.06
DEC			JUN		
18...	1145	25.19	15...	1404	22.10
JAN			JUL		
27...	1023	25.03	29...	1228	23.57
FEB			AUG		
18...	0947	25.56	27...	1037	28.66
MAR			SEP		
23...	1159	23.72	20...	0921	26.79



COLLIER COUNTY—Continued

WELL NUMBER.--262558081270501. Local Number C 1078.

LOCATION.--Lat 26°25'59", long 81°27'07", in SE 1/4 SE 1/4 NE 1/4 sec.31, T.46 S., R.29 E., Hydrologic Unit 03090204, 25 ft north of County Road 890, 1.1 mi west of State Road 29 on County Road 890, 2.0 mi west of Immokalee Post Office.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 38 ft, cased to 13 ft, screened 13 to 38 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of 4 in. casing, 34.99 ft above National Geodetic Vertical Datum of 1929. Prior to August 6, 1995, top of casing was 34.71 ft above NGVD.

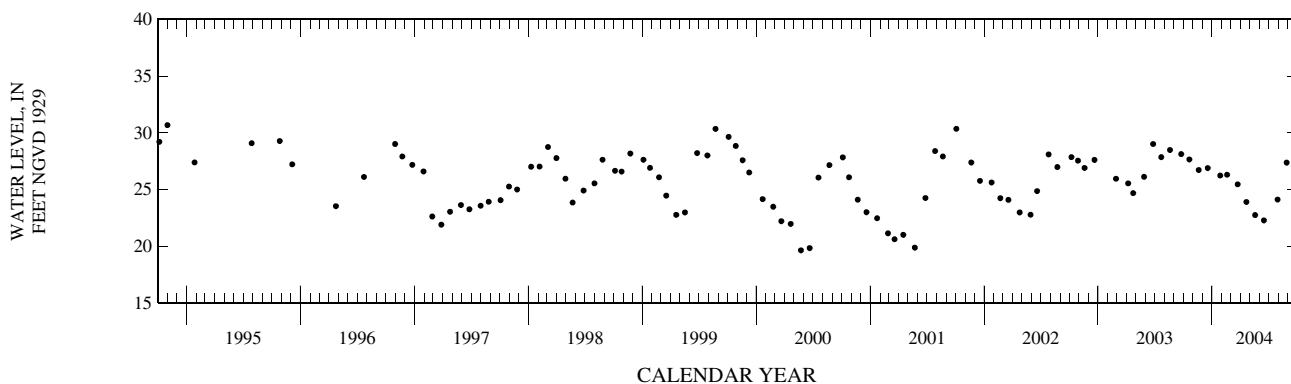
LAND-SURFACE DATUM.--Land surface is approximately 31.4 ft above NGVD.

PERIOD OF RECORD.--April 1986 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.17 ft NGVD, Sept. 1, 1988; lowest, 19.65 ft NGVD, May 23, 2000.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	1509	27.66	APR 20...	1228	23.91
NOV 19...	1530	26.73	MAY 18...	0929	22.76
DEC 18...	1045	26.90	JUN 15...	1421	22.29
JAN 27...	0913	26.24	JUL 29...	1106	24.12
FEB 18...	0853	26.31	AUG 27...	0944	27.38
MAR 23...	1117	25.47	SEP 20...	0900	26.59



COLLIER COUNTY—Continued

WELL NUMBER.--262724081260701. Local Number C 462.

LOCATION.--Lat 26°27'26", long 81°26'12", in SE 1/4 NW 1/4 sec.20, T.46 S., R.29 E., Hydrologic Unit 03090204, in pasture 0.1 mi west of State Road 29, 1.7 mi north of County Road 850 and 2.5 mi northwest of Immokalee.

AQUIFER.--Lower Tamiami aquifer of the Pliocene Age, Geologic Unit 121 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in., depth 110 ft, cased to 50 ft, slotted casing 50 to 110 ft.

INSTRUMENTATION.--Satellite data collection platform.

DATUM.--Measuring point: Top of recorder base, 37.11 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 33.8 ft above NGVD.

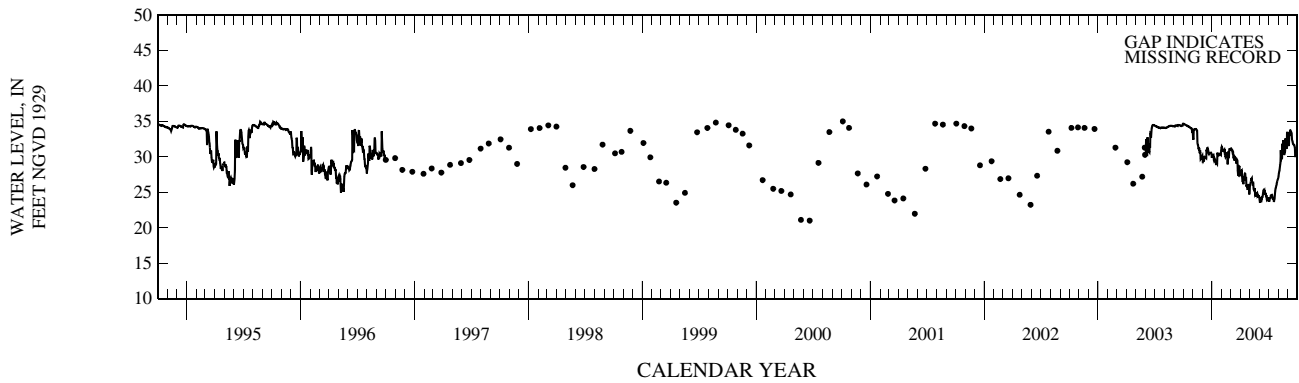
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

PERIOD OF RECORD.--November 1968 to September 1996 (daily), October 1996 to May 2003 (monthly), May 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 35.13 ft NGVD, Sept. 2, 1983; lowest water level measured, 21.02 ft NGVD, June 20, 2000.

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	34.58	33.89	29.48	30.29	30.84	30.98	28.06	26.90	23.85	24.19	28.49	33.54
10	34.45	33.93	29.92	29.30	30.67	29.85	26.16	26.22	24.30	24.57	29.70	33.53
15	34.34	31.98	30.79	29.04	30.54	29.83	27.66	25.17	25.23	24.12	30.32	32.11
20	34.20	31.23	30.70	30.22	28.95	29.42	25.82	24.63	24.89	24.67	30.39	31.69
25	34.05	29.71	30.48	30.45	31.08	27.41	25.91	24.55	23.89	25.96	32.35	30.30
EOM	33.39	30.10	29.89	31.25	31.14	27.29	25.39	24.36	23.80	26.98	32.17	---
MAX	34.68	33.93	31.26	31.25	31.44	31.18	28.06	27.01	25.30	26.98	33.54	---



COLLIER COUNTY—Continued

WELL NUMBER.--262822081213201. Local Number C 1075.

LOCATION.--Lat 26°28'31", long 81°21'57", in SW 1/4 NE 1/4 SW 1/4 sec.18, T.46 S., R.30 E., Hydrologic Unit 03090205, 3.8 mi north of County Road 846 and 4.5 mi east of State Road 29, 5.0 mi northeast of Immokalee.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 20 ft, cased to 8 ft, screened 8 to 20 ft.

INSTRUMENTATION.--Electronic data logger with pressure transducer.

DATUM.--Measuring point: Top of base, 33.36 ft above National Geodetic Vertical Datum of 1929. From October 30, 1996, to March 27, 1998, measuring point was top of casing, 33.38 ft above NGVD. Prior to October 30, 1996, top of casing was 33.94 ft above NGVD.

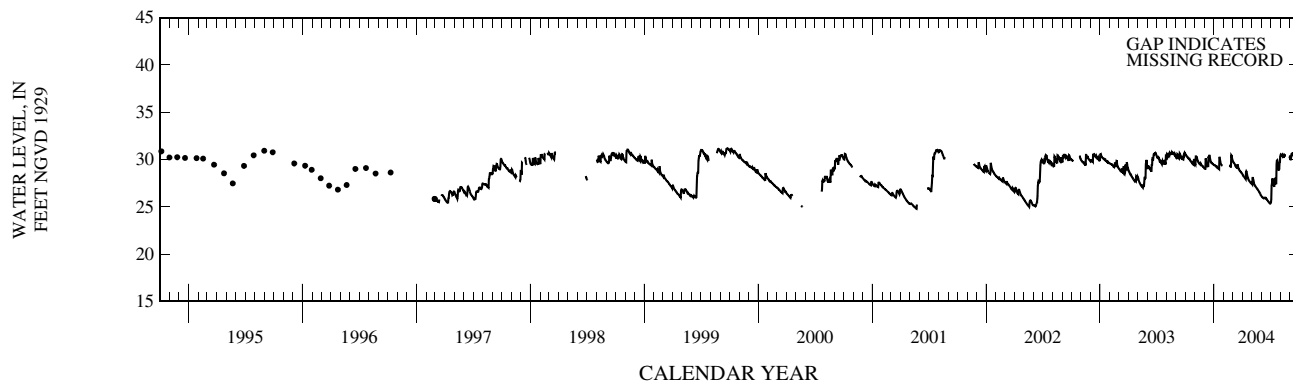
LAND-SURFACE DATUM.--Land surface is approximately 30.6 ft above NGVD.

PERIOD OF RECORD.--April 1986 to October 1996 (monthly), February 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 31.17 ft NGVD, Sept. 24, 1999; lowest, 24.79 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	30.40	30.31	30.13	29.36	---	29.61	28.22	27.90	25.98	27.92	30.47	30.55
10	30.15	29.84	29.53	29.24	---	29.32	27.99	27.32	25.97	27.32	30.30	30.53
15	29.97	29.55	30.14	29.05	---	29.13	28.46	27.05	25.91	27.81	30.35	30.40
20	29.71	29.55	29.90	29.93	29.38	28.99	27.93	26.81	25.69	29.91	---	30.58
25	29.51	29.30	29.61	29.42	30.46	28.74	27.63	26.54	25.47	28.91	---	30.40
EOM	29.61	29.09	29.43	---	29.94	28.50	27.54	26.19	25.41	30.35	30.12	30.51
MAX	30.57	30.31	30.41	---	---	29.87	28.75	28.06	26.13	30.35	---	30.69



COLLIER COUNTY—Continued

WELL NUMBER.--262822081213202. Local Number C 1076.

LOCATION.--Lat 26°28'31", long 81°21'58", in SW 1/4 NE 1/4 SW 1/4 sec.18, T.46 S., R.30 E., Hydrologic Unit 03090205, 3.8 mi north of County Road 846 and 4.5 mi east of State Road 29, 5 mi northeast of Immokalee.

AQUIFER.--Tamiami aquifer of the Pliocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 85 ft, cased to 65 ft, open hole 65 to 85 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 34.05 ft above National Geodetic Vertical Datum of 1929.

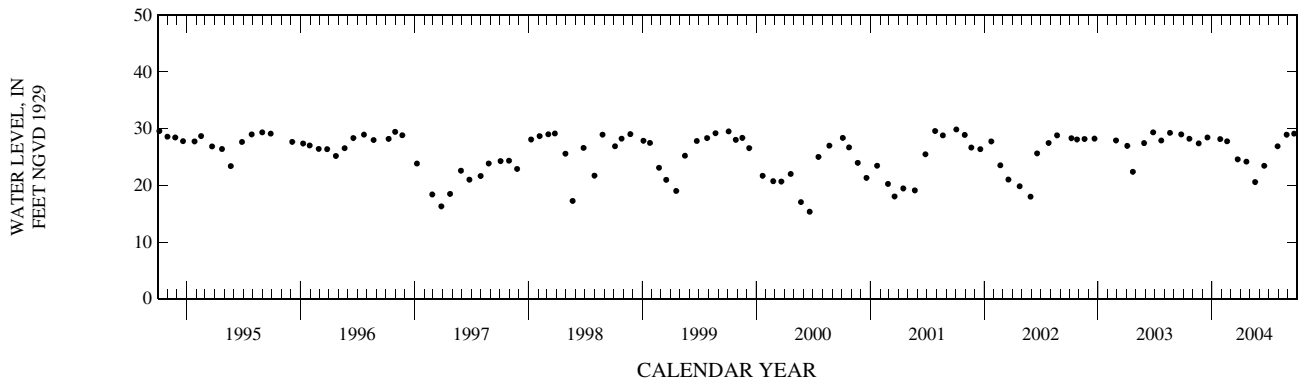
LAND-SURFACE DATUM.--Land surface is approximately 30.6 ft above NGVD.

PERIOD OF RECORD.--April 1986 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.90 ft NGVD, Mar. 31, 1987; lowest, 15.34 ft NGVD, June 20, 2000.

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

Date	Time	Elev- ation, feet above NGVD (72020)	Date	Time	Elev- ation, feet above NGVD (72020)
OCT			APR		
20...	1339	28.20	20...	1440	24.17
NOV			MAY		
19...	1431	27.38	18...	1137	20.57
DEC			JUN		
17...	1039	28.43	16...	1103	23.44
JAN			JUL		
27...	1059	28.14	29...	1332	26.88
FEB			AUG		
18...	1025	27.75	27...	1141	28.92
MAR			SEP		
23...	1254	24.57	20...	0957	29.10





COLLIER COUNTY—Continued

WELL NUMBER.--262822081213203. Local Number C 1077.

LOCATION.--Lat 26°28'31", long 81°21'58", in SW 1/4 NE 1/4 SW 1/4 sec.18, T.46 S., R.30 E., Hydrologic Unit 03090205, 3.8 mi north of County Road 846, and 4.5 mi east of State Road 29, 5 mi northeast of Immokalee.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 210 ft, cased to 170 ft, screened 170 to 210 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 35.14 ft above National Geodetic Vertical Datum of 1929.

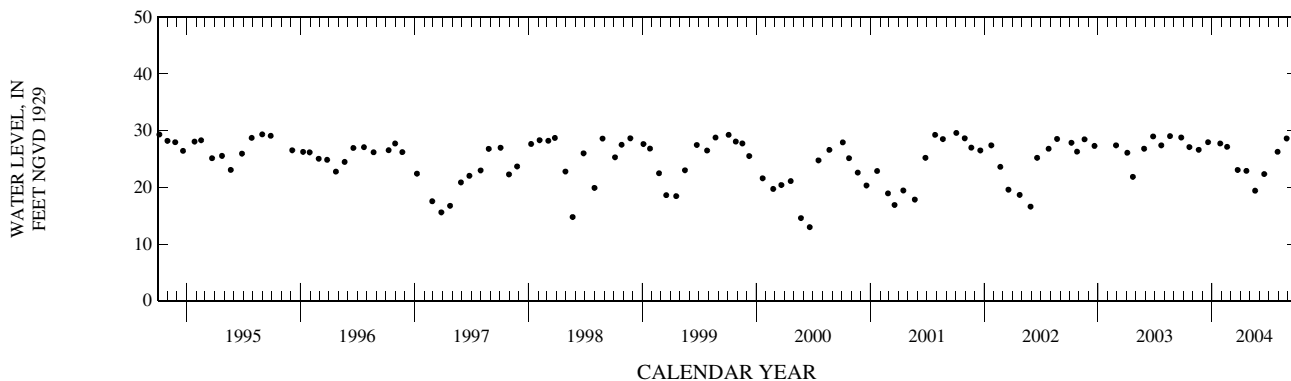
LAND-SURFACE DATUM.--Land surface is approximately 31.1 ft above NGVD.

PERIOD OF RECORD.--April 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.67 ft NGVD, Mar. 31, 1987; lowest, 12.98 ft NGVD, June 20, 2000.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
OCT 20...	1346	27.08	APR 20...	1455	22.90
NOV 19...	1426	26.61	MAY 18...	1110	19.40
DEC 19...	1037	27.94	JUN 16...	1032	22.34
JAN 27...	1054	27.72	JUL 29...	1308	26.25
FEB 18...	1020	27.13	AUG 27...	1113	28.61
MAR 23...	1227	23.05	SEP 20...	0955	29.15



COLLIER COUNTY—Continued

WELL NUMBER.--262859081273002. Local Number C 532.

LOCATION.--Lat 26°29'33", long 81°27'35", in NW ¼ SE ¼ sec.7, T.46 S., R.29 E., Hydrologic Unit 03090205, 24 ft north of State Road 82, 1.5 mi west of State Road 29 and 5.5 mi northwest of Immokalee.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 13 ft, cased to 3 ft, screened 3 to 13 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Measuring point: Top of casing, 44.53 ft above National Geodetic Vertical Datum of 1929.

LAND-SURFACE DATUM.--Land surface is approximately 41.9 ft above NGVD.

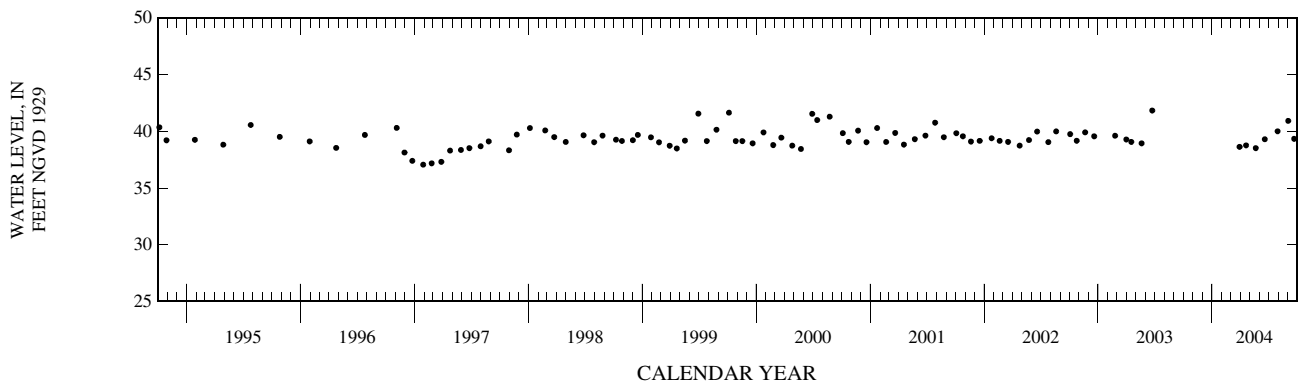
REMARKS.--Records of water levels prior to October 1978 are available in files of the U.S. Geological Survey. Data for the period August 2003 to March 22, 2004, were sampled from the wrong well (C-531). Data from well C-531 is available in the files of the U.S. Geological Survey.

PERIOD OF RECORD.--October 1975 to September 1994 (monthly), October 1994 to July 1996 (quarterly), November 1996 to September 2004. Discontinued.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.82 ft NGVD, June 23, 2003; lowest, 37.05 ft NGVD, Jan. 28, 1997.

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

Date	Time	Elevation, feet above NGVD (72020)	Date	Time	Elevation, feet above NGVD (72020)
MAR 29...	1431	38.62	JUL 29...	1026	39.99
APR 19...	1249	38.75	SEP 01...	1415	40.91
MAY 20...	1051	38.51	SEP 20...	0846	39.33
JUN 18...	1310	39.29			



## COLLIER 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)
261002081483701	C - 525	26 09 58 N	081 48 35 W	10-20-03	1125		3240	860
		26 09 58 N	081 48 35 W	04-20-04	1152		3510	840
260314081323103	C - 1067R	26 03 16 N	081 32 31 W	11-19-03	1015	4.80		
		26 03 16 N	081 32 31 W	12-16-03	1017	3.55		
		26 03 16 N	081 32 31 W	01-29-04	1338	3.08		
		26 03 16 N	081 32 31 W	02-19-04	1110	3.38		
		26 03 16 N	081 32 31 W	03-24-04	1140	2.80		
		26 03 16 N	081 32 31 W	04-23-04	1541	2.50		
		26 03 16 N	081 32 31 W	05-19-04	0922	1.90		
		26 03 16 N	081 32 31 W	06-17-04	1210	3.69		
		26 03 16 N	081 32 31 W	07-26-04	1405	4.35		
		26 03 16 N	081 32 31 W	08-31-04	1208	6.17		
		26 03 16 N	081 32 31 W	09-20-04	1349	4.92		
		260314081323104	C - 1068R	26 03 16 N	081 32 31 W	11-19-03	1017	5.12
26 03 16 N	081 32 31 W			12-16-03	1021	4.02		
26 03 16 N	081 32 31 W			01-29-04	1340	3.63		
26 03 16 N	081 32 31 W			02-19-04	1115	3.95		
26 03 16 N	081 32 31 W			03-24-04	1147	3.33		
26 03 16 N	081 32 31 W			04-23-04	1546	3.04		
26 03 16 N	081 32 31 W			05-19-04	0926	2.39		
26 03 16 N	081 32 31 W			06-17-04	1221	3.33		
26 03 16 N	081 32 31 W			07-26-04	1408	4.55		
26 03 16 N	081 32 31 W			08-31-04	1210	6.17		
26 03 16 N	081 32 31 W			09-20-04	1353	5.19		

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