

GROUND-WATER LEVELS IN RHODE ISLAND

KENT COUNTY

414223071453701. Coventry well COW 342.

LOCATION.--Lat 41°42'23", long 71°45'37", Kent County, Hydrologic Unit 01090004, town of Coventry, Plainfield Pike. (Rt. 14) 1/4 mile from intersection with Rt. 117.

Owner: Private owner.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 30 in., depth 13.1 ft, cased with stone to 13.1 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 380 ft. Measuring point: Spray painted arrow on rock, 1.89 ft above land-surface datum.

PERIOD OF RECORD.--October 1953 to December 1961, December 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.20 ft below land-surface datum, Dec. 22, 1992; lowest measured, 11.91 ft below land-surface datum, Aug. 24, 1999.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	10.42	DEC 22	10.47	FEB 26	7.45	APR 27	8.70	JUN 29	10.57	AUG 24	11.91
NOV 23	10.32	JAN 28	6.50	MAR 26	6.97	MAY 20	9.16	JUL 22	11.28	SEP 28	9.03

414022071332801. Coventry well COW 411.

LOCATION.--Lat 41°40'22", long 71°33'28", Kent County, Hydrologic Unit 01090004, town of Coventry, about 75 ft west of house on Powhattan Avenue, 1.3 mi southeast of Washington.

Owner: Private owner.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 24 in., depth 26 ft, cased with concrete to 26 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 260 ft. Measuring point: Hole in top of concrete cover, 1.24 ft above land-surface datum.

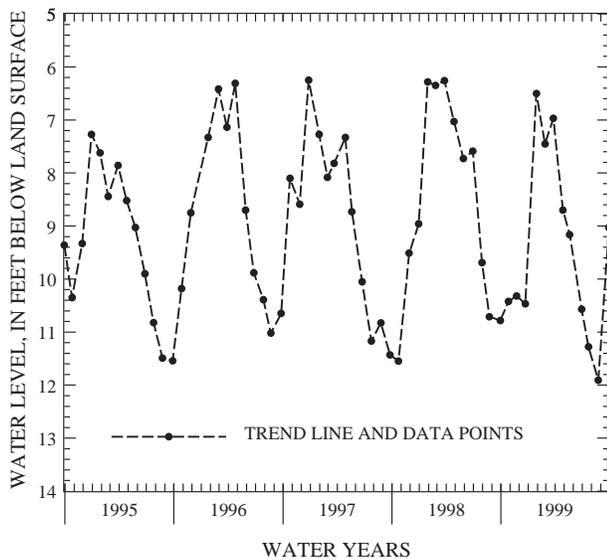
PERIOD OF RECORD.--October 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.43 ft below land-surface datum, Apr. 23, 1983; dry on Oct. 25, 1986.

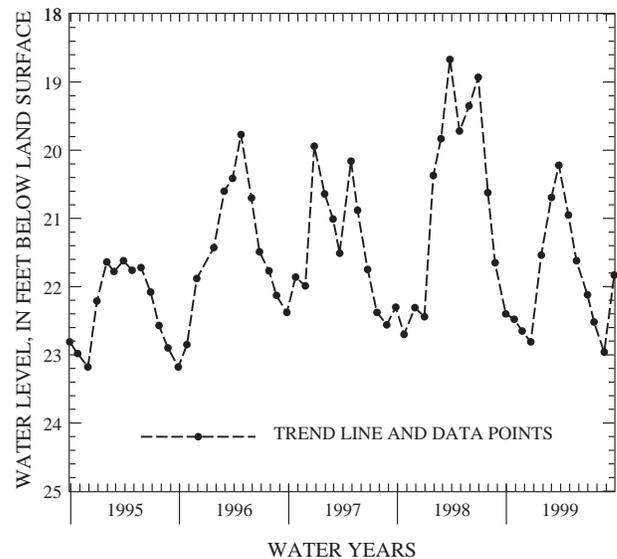
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	22.48	DEC 22	22.81	MAR 01	20.69	APR 27	20.95	JUN 30	22.12	AUG 25	22.96
NOV 23	22.65	JAN 26	21.54	MAR 26	20.22	MAY 24	21.62	JUL 22	22.52	SEP 28	21.83

COVENTRY 342 WELL



COVENTRY 411 WELL



KENT COUNTY--Continued

414315071410701. Coventry well COW 466.

LOCATION.--Lat 41°43'15", long 71°41'07", Kent County, Hydrologic Unit 01090004, town of Coventry, Audubon Society, Parker Woodland. Maple Valley Road at Flat River.

Owner: Audobon Society.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in., depth 17.8 ft, cased to 7.6 ft, screened from 7.6 ft to 17.0 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 345 ft. Measuring point: Notch in PVC casing, 0.8 ft above land-surface datum.

PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.91 ft below land-surface datum, Nov. 20, 1995; lowest measured, 5.35 ft below land-surface datum, Aug. 24, 1999.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 21	3.23	DEC 21	2.98	FEB 23	2.80	APR 21	2.87	JUN 23	4.13	AUG 24	5.35
NOV 24	2.97	JAN 21	2.50	MAR 23	2.60	MAY 27	2.77	JUL 22	5.04	SEP 22	2.54

414106071223901. Warwick well WCW 59.

LOCATION.--Lat 41°41'06", long 71°22'39", Kent County, Hydrologic Unit 01090004, town of Warwick, Warwick Neck, Our Lady of Providence Seminary. Former Senator Aldrich mansion. Next to Rocky Point Amusement Park.

Owner: Our Lady of Providence Seminary.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 30 in., depth 27.0 ft, cased with stone to 27.0 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 125 ft. Measuring point: Spray painted arrow on rock, 3.00 ft above land-surface datum.

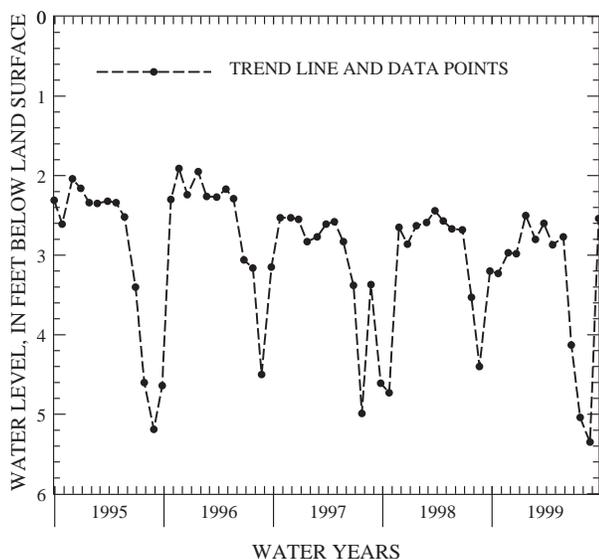
PERIOD OF RECORD.--April 1949 to December 1955, November 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.46 ft below land-surface datum, Feb. 20, 1993; lowest measured, 24.77 ft below land-surface datum, Oct. 31, 1949.

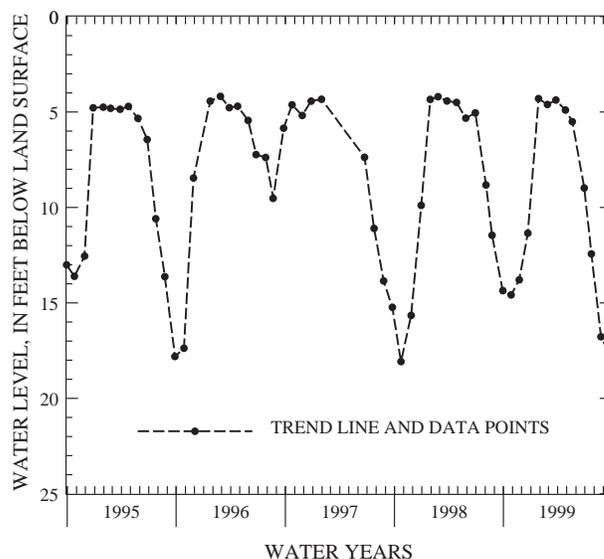
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	14.58	DEC 22	11.35	FEB 26	4.61	APR 27	4.90	JUN 29	8.98	AUG 24	16.77
NOV 23	13.79	JAN 27	4.30	MAR 26	4.37	MAY 20	5.51	JUL 23	12.43	SEP 27	17.82

COVENTRY 466 WELL



WARWICK 59 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

KENT COUNTY--Continued

413907071465001. West Greenwich well GWG 181.

LOCATION.--Lat 41°39'07", long 71°46'50", Kent County, Hydrologic Unit 01090005, town of West Greenwich, about 50 ft from southeast corner of a house 1.3 mi north of intersection of Hazard and Muddy Brook Roads, and 1.8 mi northwest of West Greenwich Center.

Owner: Private owner.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 30 in., depth 18.5 ft, lined with stone to 18.5 ft, shored.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 380 ft. Measuring point: Hole in top of concrete cover, 0.54 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.15 ft below land-surface datum, Jan. 27, 1979; lowest measured, 17.78 ft below land-surface datum, Dec. 22, 1984.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	16.20	DEC 22	16.43	FEB 26	14.60	APR 27	15.67	JUN 29	16.41	AUG 24	16.95
NOV 23	16.44	JAN 28	13.65	MAR 26	14.34	MAY 20	16.06	JUL 23	16.70	SEP 28	14.91

413645071332901. West Greenwich well GWG 206.

LOCATION.--Lat 41°36'45", long 71°33'29", Kent County, Hydrologic Unit 01090004, town of West Greenwich, Hopkins Hill Road.

Owner: Private owner.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 24 in., depth 9.6 ft, cased with stone to 9.6 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 374.26 ft. Measuring point: Spray painted arrow on rock, 3.05 ft above land-surface datum.

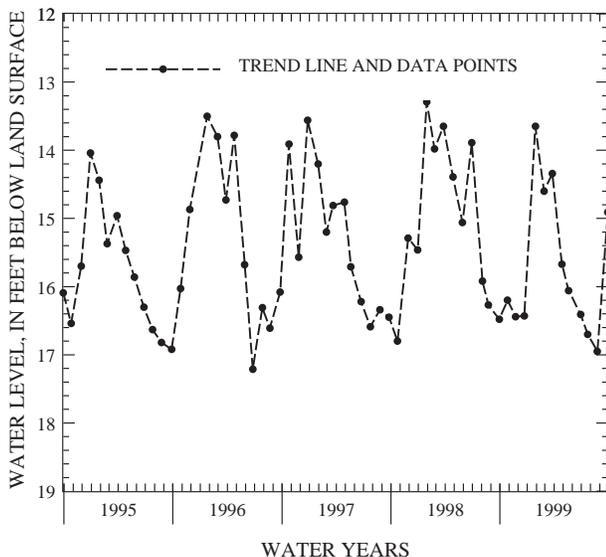
PERIOD OF RECORD.--October 1955 to June 1960, January 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.85 ft below land-surface datum, Oct. 17, 1955; lowest measured, dry, Aug. 26, Sept. 22, Oct. 25, 1993, Sept. 27, 1995, Oct. 23, 1997.

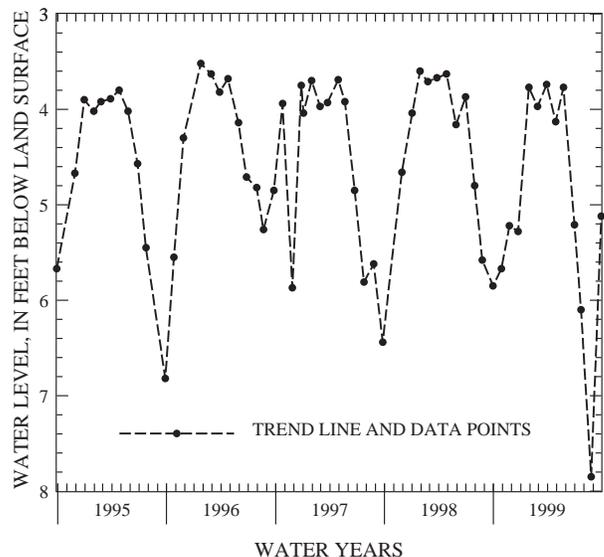
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 28	5.67	DEC 23	5.28	FEB 26	3.97	APR 28	4.13	JUN 30	5.21	AUG 25	7.85
NOV 24	5.22	JAN 28	3.77	MAR 29	3.74	MAY 24	3.77	JUL 22	6.10	SEP 28	5.12

WEST GREENWICH 181 WELL



WEST GREENWICH 206 WELL



NEWPORT COUNTY

413220071115501. Little Compton well LTW 142.

LOCATION.--Lat 41°32'20", long 71°11'55", Newport County, Hydrologic Unit 01090004, town of Little Compton, East of Rt. 77 at intersection with Old Main Road.

Owner: State of Rhode Island.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in., depth 23.1 ft, cased to 12.9 ft, screened from 12.9 ft to 22.3 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 100 ft. Measuring point: Notch in PVC casing, 1.4 ft above land-surface datum.

PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.23 ft below land-surface datum, Jan. 22, 1996; lowest measured, dry, Aug. 25, Sept. 29, Oct. 26, Dec. 2, 1993.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 22	17.24	DEC 23	17.30	FEB 23	10.03	APR 22	13.93	JUN 25	17.92	SEP 29	18.60
NOV 25	17.52	JAN 21	9.96	MAR 24	8.92	MAY 25	17.14				

413325071152401. Portsmouth well POW 551.

LOCATION.--Lat 41°33'25", long 71°15'24", Newport County, Hydrologic Unit 01090004, town of Portsmouth, State police barracks, Portsmouth Terrace on East Main St. (Rt. 138); just south of Union St.

Owner: State of Rhode Island.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in., depth 51.9 ft, cased to 41.7 ft, screened from 41.7 ft to 51.1 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 245 ft. Measuring point: Notch in PVC casing, 2.50 ft above land-surface datum.

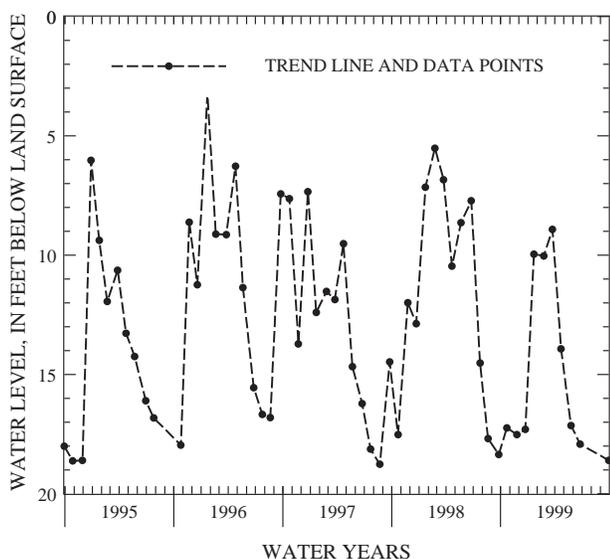
PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.66 ft below land-surface datum, Jan. 22, 1996; lowest measured, dry, Sept. 29, Oct. 26, 1993.

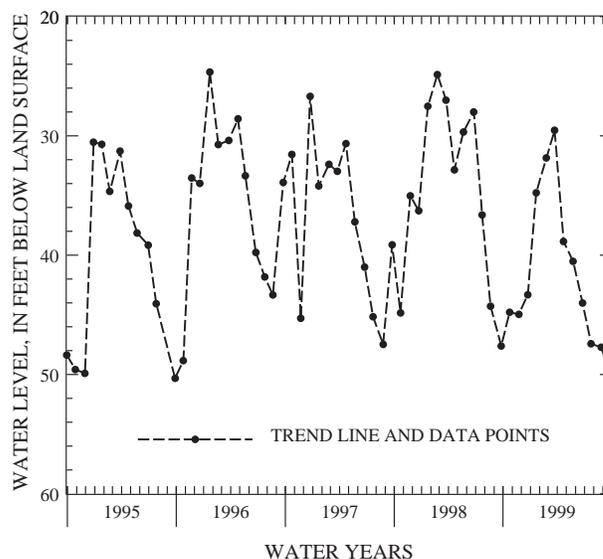
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 23	44.78	DEC 23	43.31	FEB 23	31.85	APR 22	38.85	JUN 25	44.02	AUG 26	47.72
NOV 23	44.96	JAN 20	34.77	MAR 23	29.54	MAY 24	40.52	JUL 23	47.42	SEP 29	50.21

LITTLE COMPTON 142 WELL



PORTSMOUTH 551 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

NEWPORT COUNTY--Continued

413442071093801. Tiverton well TIW 274.

LOCATION.--Lat 41°34'42", long 71°09'38", Newport County, Hydrologic Unit 01090004, town of Tiverton, 305 Lake Road.

Owner: Private owner.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 36 in., depth 13.18 ft, cased with concrete to 13.18 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 160 ft. Measuring point: Spray painted arrow on cross beam, 1.90 ft above land-surface datum.

PERIOD OF RECORD.--December 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.44 ft below land-surface datum, Feb. 24, 1994; lowest measured, 12.77 ft below land-surface datum, Oct. 26, 1993.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 22	6.85	DEC 23	3.79	FEB 23	1.52	APR 22	2.03	JUN 25	7.44	AUG 25	11.22
NOV 25	4.94	JAN 21	1.01	MAR 24	1.03	MAY 25	1.22	JUL 23	9.83	SEP 29	10.15

PROVIDENCE COUNTY

415710071402201. Burrillville well BUW 187.

LOCATION.--Lat 41°57'10", long 71°40'22", Providence County, Hydrologic Unit 01090003, town of Burrillville, 25 ft east of road and 75 ft southwest of a house 0.6 mi north of intersection of Harrisville and Lapham Farm Roads, and 0.9 mi south of Harrisville.

Owner: Brothers of the Sacred Heart.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 24 in., depth 19.8 ft, lined with stone to 19.8 ft, shored.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 462 ft. Measuring point: Hole in top of concrete cover, 0.58 ft above land-surface datum.

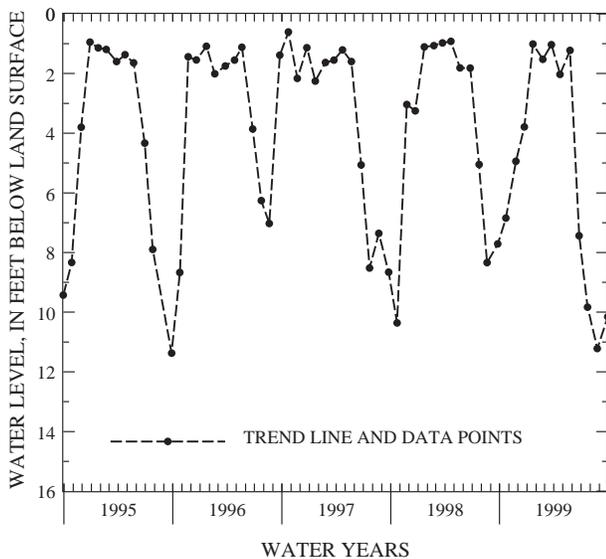
PERIOD OF RECORD.--January 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.74 ft below land-surface datum, Apr. 23, 1983; lowest measured, 18.83 ft below land-surface datum, Nov. 3, 1970.

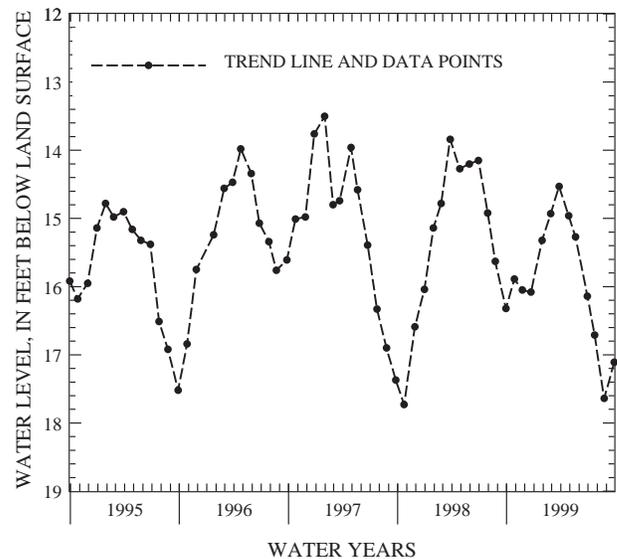
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	15.89	DEC 22	16.08	FEB 26	14.93	APR 27	14.96	JUN 29	16.14	AUG 24	17.64
NOV 23	16.05	JAN 28	15.32	MAR 26	14.53	MAY 20	15.27	JUL 23	16.71	SEP 27	17.11

TIVERTON 274 WELL



BURRILLVILLE 187 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

PROVIDENCE COUNTY--Continued

415546071474701. Burrillville well BUW 395.

LOCATION.--Lat 41°55'46", long 71°47'47", Providence County, Hydrologic Unit 01100001, town of Burrillville, Pulaski Memorial State Park, near southeast corner of parking area #3.

Owner: State of Rhode Island.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in., depth 17.7 ft, cased to 7.8 ft, screened from 7.8 ft to 17.2 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 575 ft. Measuring point: Notch in PVC casing, 1.1 ft above land-surface datum.

PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.04 ft below land-surface datum, Mar. 28, 1994; lowest measured, dry, Sept. 26, 1995.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 23	8.94	DEC 23	8.82	FEB 24	6.05	APR 23	6.89	JUN 28	10.02	AUG 25	12.34
NOV 25	9.61	JAN 22	5.84	MAR 24	5.75	MAY 25	7.72	JUL 26	10.80	SEP 27	8.75

4158470711471401. Burrillville well BUW 396.

LOCATION.--Lat 41°58'47", long 71°47'14", Providence County, Hydrologic Unit 01100001, town of Burrillville, Buck Hill Road, 0.3 miles West of Wakefield Road; north side of road at turn-out, near stream. Near power-line pole #64.

Owner: State of Rhode Island.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in., depth 17.4 ft, cased to 7.2 ft, screened from 7.2 ft to 16.6 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 530 ft. Measuring point: Notch in PVC casing, 0.8 ft above land-surface datum.

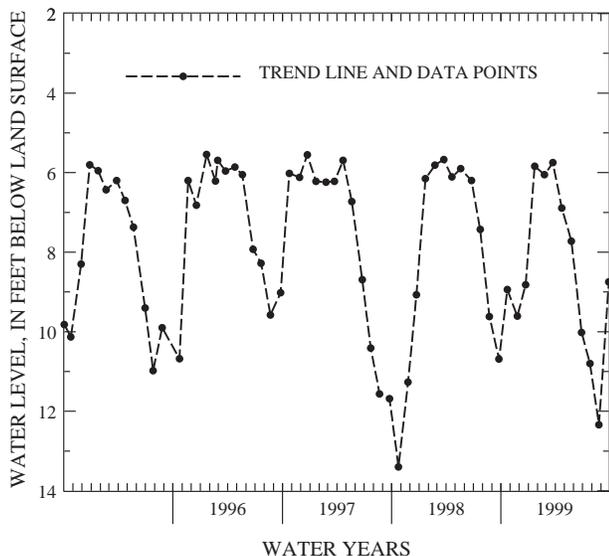
PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.32 ft below land-surface datum, Mar. 28, 1994; lowest measured, 7.65 ft below land-surface datum, Aug. 25, 1999.

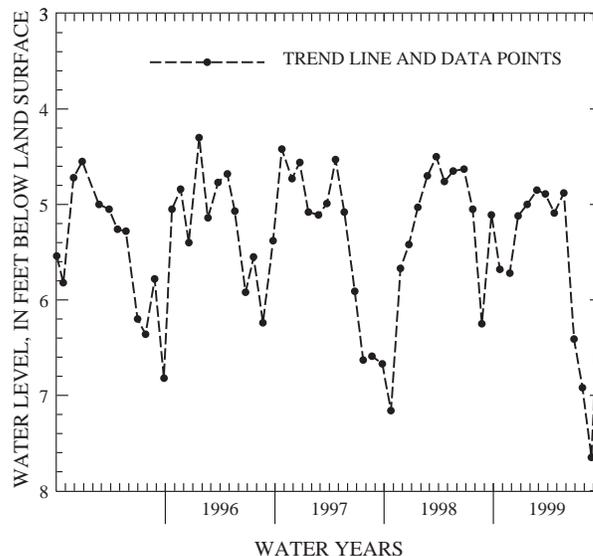
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 23	5.68	DEC 23	5.12	FEB 24	4.85	APR 23	5.09	JUN 28	6.41	AUG 25	7.65
NOV 25	5.72	JAN 22	5.00	MAR 24	4.89	MAY 25	4.88	JUL 26	6.92	SEP 27	5.47

BURRILLVILLE 395 WELL



BURRILLVILLE 396 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

PROVIDENCE COUNTY--Continued

415606071462201. Burrillville well BUW 397.

LOCATION.--Lat 41°56'06", long 71°46'22", Providence County, Hydrologic Unit 01100001, town of Burrillville, Pulaski Memorial State Park, Center Trail, east of buw 395.

Owner: State of Rhode Island.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in., depth 25.6 ft, cased to 15.2 ft, screened from 15.2 ft to 24.8 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 705 ft. Measuring point: Notch in PVC casing, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.00 ft below land-surface datum, Mar. 28, 1994; lowest measured, dry, several times in water years 1993, 1998, 1999.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 23	22.00	DEC 23	20.19	FEB 24	11.33	APR 23	14.48	JUN 28	19.35	AUG 25	23.22
NOV 25	DRY	JAN 22	15.17	MAR 24	10.04	MAY 25	17.60	JUL 26	21.45	SEP 27	23.60

415559071471201. Burrillville well BUW 398.

LOCATION.--Lat 41°55'59", long 71°47'12", Providence County, Hydrologic Unit 01100001, town of Burrillville, Pulaski Park, Center Trail.

Owner: State of Rhode Island.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in., depth 13.5 ft, cased to 3.3 ft, screened from 3.3 ft to 12.7 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 615 ft. Measuring point: Notch in PVC casing, 1.7 ft above land-surface datum.

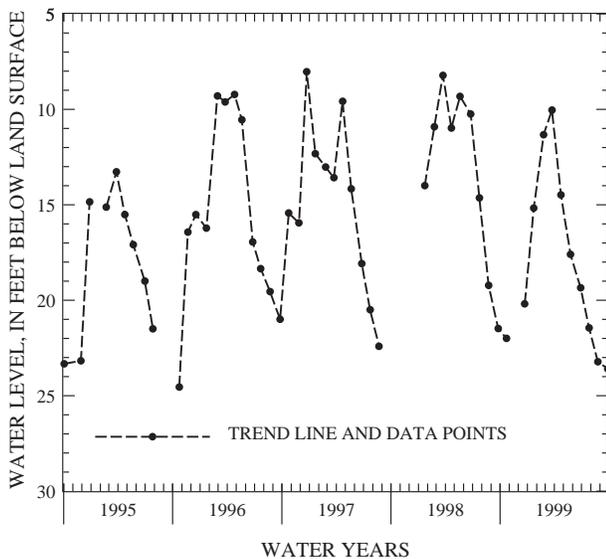
PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.65 ft below land-surface datum, Mar. 28, 1994; lowest measured, dry, several times in water year 1998.

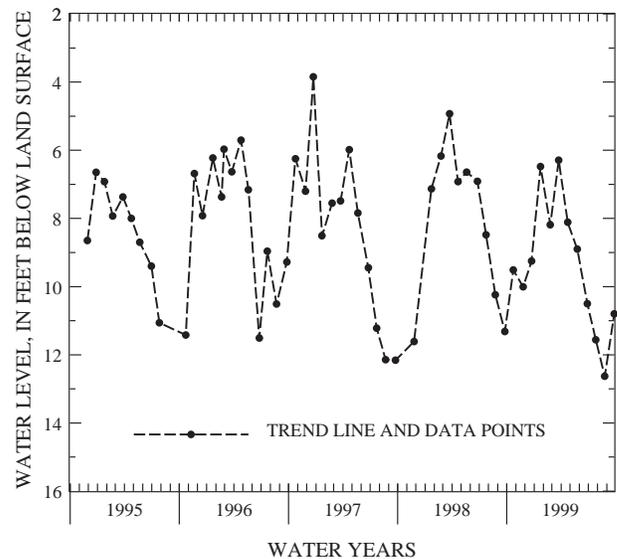
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 23	9.51	DEC 23	9.25	FEB 24	8.19	APR 23	8.11	JUN 28	10.50	AUG 25	12.63
NOV 25	10.01	JAN 22	6.48	MAR 24	6.29	MAY 25	8.90	JUL 26	11.56	SEP 26	10.80

BURRILLVILLE 397 WELL



BURRILLVILLE 398 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

PROVIDENCE COUNTY--Continued

414448071323001. Cranston well CRW 439.

LOCATION.--Lat 41°44'48", long 71°32'30", Providence County, Hydrologic Unit 01090004, town of Cranston, J.L. Curran Park, west side of Laten Knight Road, 0.3 miles north of Hope Road.
Owner: State of Rhode Island.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in., depth 23.1 ft, cased to 12.9 ft, screened from 12.9 ft to 22.3 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 395 ft. Measuring point: Notch in PVC casing, 1.8 ft above land-surface datum.

PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.57 ft below land-surface datum, Mar. 24, 1998; lowest measured, dry, Oct. 26, Nov. 29, 1994.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 21	19.23	DEC 21	18.73	FEB 23	8.44	APR 21	11.37	JUN 23	16.79	AUG 25	20.10
NOV 24	19.32	JAN 21	12.91	MAR 23	7.47	MAY 25	14.92	JUL 21	18.61	SEP 28	15.47

415626071254601. Cumberland well CUW 265.

LOCATION.--Lat 41°56'26", long 71°25'46", Providence County, Hydrologic Unit 01090003, town of Cumberland, at 27 Scott Street, 900 ft northeast of intersection of Scott Street and Mendon Road in Ashton.
Owner: Private owner.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 24 in., depth 20 ft, lined with stone to 20 ft, shored.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 130 ft. Measuring point: Hole in wooden cover, 0.06 ft above land-surface datum.

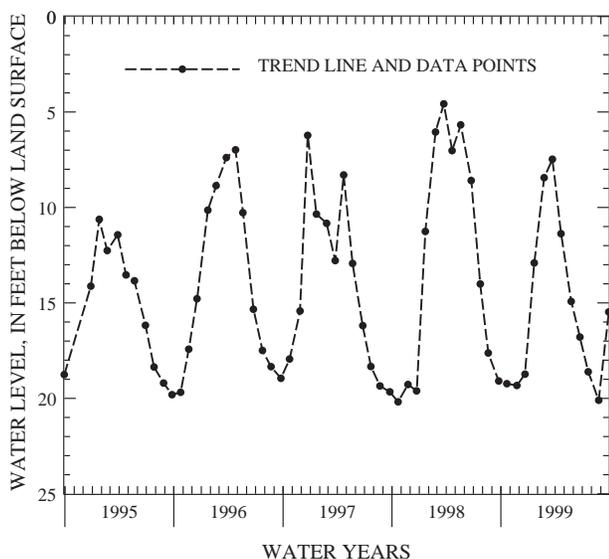
PERIOD OF RECORD.--August 1946 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.20 ft below land-surface datum, Jan. 27, 1979; lowest measured, 17.20 ft below land-surface datum, Sept. 29, 1949.

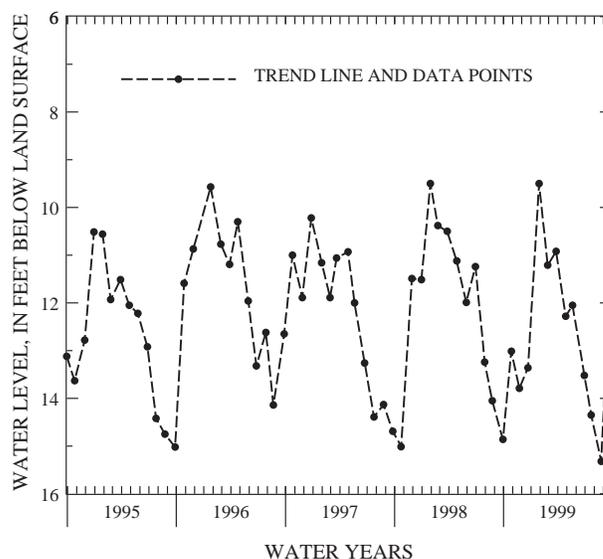
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	13.01	DEC 22	13.36	FEB 26	11.21	APR 27	12.28	JUN 29	13.52	AUG 24	15.32
NOV 23	13.79	JAN 28	9.50	MAR 26	10.92	MAY 20	12.05	JUL 22	14.35	SEP 27	10.98

CRANSTON CITY 439 WELL



CUMBERLAND 265 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

PROVIDENCE COUNTY--Continued

414420071422301. Foster well FOW 40.

LOCATION.--Lat 41°44'20", long 71°42'23", Providence County, Hydrologic Unit 01090004, town of Foster, Plainfield Pike..
 Owner: Private owner.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 48 in., depth 15.4 ft, cased with stone to 15.4 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 630 ft. Measuring point: Spray painted arrow top of casing, 0.40 ft. above land-surface datum.

PERIOD OF RECORD.--July 1953 to February 1959, April 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.29 ft below land-surface datum, May 27, 1954; lowest measured, 13.97 ft below land-surface datum, Oct. 28, 1957.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	6.14	DEC 22	5.15	FEB 26	4.01	APR 27	4.76	JUN 29	8.95	AUG 24	11.91
NOV 23	4.75	JAN 28	2.81	MAR 26	3.04	MAY 20	5.74	JUL 23	10.63	SEP 28	5.18

414357071405101. Foster well FOW 290.

LOCATION.--Lat 41°43'57", long 71°40'51", Providence County, Hydrologic Unit 01090004, town of Foster, Parker Woodland, Audobon Society. Pig Hill Road, 1 mile north of Maple Valley Road.
 Owner: State of Rhode Island.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in., depth 15.4 ft, cased to 5.2 ft, screened from 5.2 ft to 14.6 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 345 ft. Measuring point: Notch in PVC casing, 1.6 ft above land-surface datum.

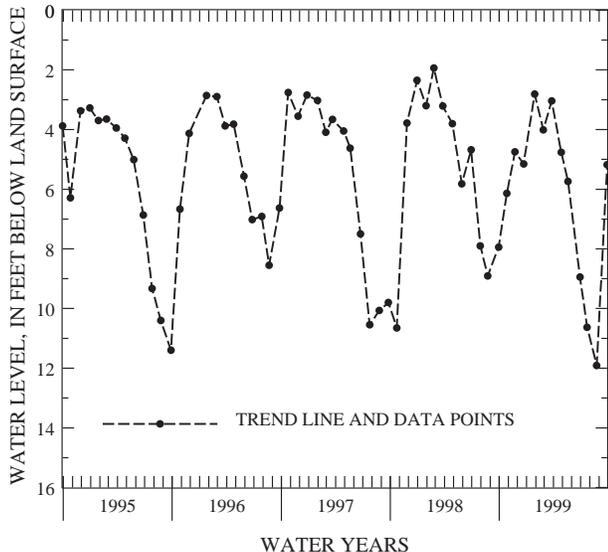
PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.36 ft below land-surface datum, Mar. 28, 1994; lowest measured, dry, several times in water years 1993, 1994, and 1998.

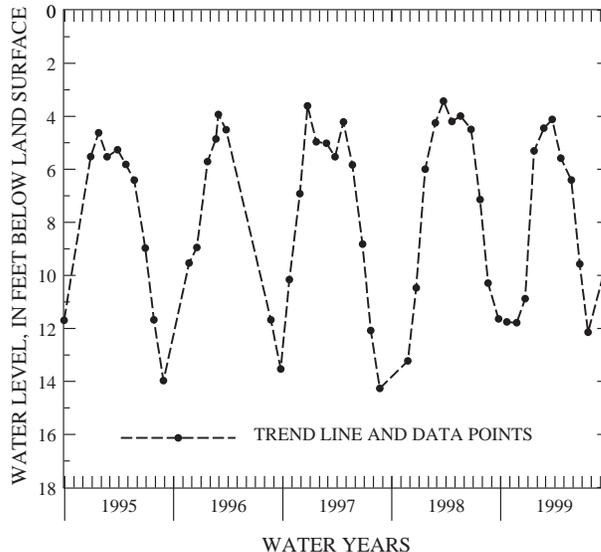
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 22	11.76	DEC 22	10.88	FEB 23	4.45	APR 21	5.58	JUN 23	9.57	SEP 28	9.23
NOV 24	11.79	JAN 21	5.31	MAR 23	4.12	MAY 26	6.40	JUL 21	12.15		

FOSTER 40 WELL



FOSTER 290 WELL



PROVIDENCE COUNTY--Continued

415437071242201. Lincoln well LIW 84.

LOCATION.--Lat 41°54'37", long 71°24'22", Providence County, Hydrologic Unit 0190003, town of Lincoln, at north side of Maplehurst Farms building, and 800 ft west of Blackstone River bridge in Lonsdale.

Owner: Maplehurst Farms, Inc.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in., depth 107 ft, cased to 107 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 60 ft. Measuring point: Inside lower lip of 8-inch pipe, 3.32 ft above land-surface datum.

REMARKS.--Water level affected by Blackstone River floods.

PERIOD OF RECORD.--June 1946 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, +0.97 ft above land-surface datum, Jan. 28, 1976, lowest measured, 7.36 ft below land-surface datum, Aug. 24, 1999.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	5.97	DEC 22	6.23	FEB 26	4.41	APR 27	4.74	JUN 29	5.55	AUG 24	7.36
NOV 23	5.77	JAN 28	3.61	MAR 26	3.58	MAY 20	4.57	JUL 23	5.88	SEP 27	5.75

415948071325001 North Smithfield well NSW 21.

LOCATION.--Lat 41°59'48", long 71°32'50", Providence County, Hydrologic Unit 1090003, town of North Smithfield, 500 ft southwest of State Highway 146A, 900 ft west of intersection of State Highway 146A and Harkness Road at Branch Village.

Owner: Private owner.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Dug domestic water-table well, diameter 24 in., depth 16 ft, cased with tile to 16 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Land-surface datum is 238.68 ft above sea level. Measuring point: Hole in concrete cover at top of tile casing, 1.84 ft below land-surface datum.

REMARKS.--Well used for domestic supply; water levels affected by pumping, 1947-80.

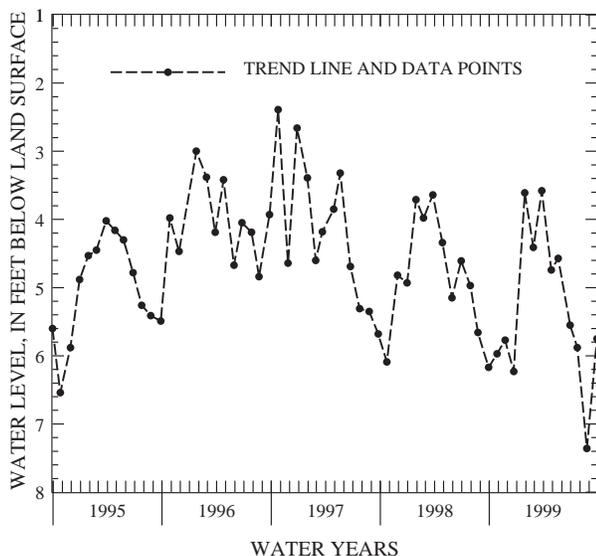
PERIOD OF RECORD.--May 1947 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.67 ft below land-surface datum, Mar. 26, 1969; lowest measured, 11.71 ft below land-surface datum, Oct. 28, 1957.

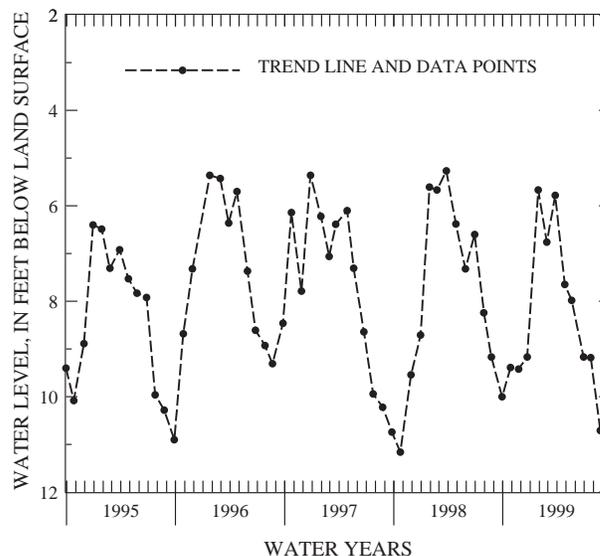
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	9.39	DEC 22	9.17	FEB 26	6.76	APR 27	7.65	JUN 29	9.17	AUG 24	10.71
NOV 23	9.42	JAN 28	5.67	MAR 26	5.78	MAY 20	7.98	JUL 23	9.18	SEP 27	9.10

LINCOLN 84 WELL



NORTH SMITHFIELD 21 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

PROVIDENCE COUNTY--Continued

415317071220601. Pawtucket well PAW 136.

LOCATION.--Lat 41°53'17", long 71°22'06", Providence County, Hydrologic Unit 01090004, city of Pawtucket, at 314 Woodbine Street, and 1,500 ft northeast of intersection of Cottage Street and Central Avenue.
Owner: Greenhalgh Mills, Inc.

AQUIFER.--Gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2 in., depth 43 ft, cased to about 40 ft, screened about 40 to 43 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 86 ft. Measuring point: Top of casing, 3.15 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.54 ft below land-surface datum, June 29, 1998; lowest measured, 7.28 ft below land-surface datum, Jan. 29, 1966.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	3.91	DEC 22	4.56	FEB 26	3.17	APR 27	3.17	JUN 28	4.05	AUG 24	4.67
NOV 23	4.21	JAN 28	3.41	MAR 26	2.69	MAY 20	3.49	JUL 23	4.35	SEP 27	4.11

414746071255601. Providence well PRW 48.

LOCATION.--Lat 41°47'46", long 71°25'56", Providence County, Hydrologic Unit 01090004, city of Providence, at 333 Adelaide Avenue, and 800 ft northwest of Adelaide and 800 ft west of Narragansett Avenues.
Owner: Gorham Division of Textron.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 8 in., depth 124 ft, cased to 116 ft, screened 116 to 124 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Land-surface datum is 45.79 ft, above sea level. Measuring point: Top edge of hole in center of steel cover, 0.48 ft below land-surface datum.

REMARKS.--Water level affected by pumping from one or more nearby wells.

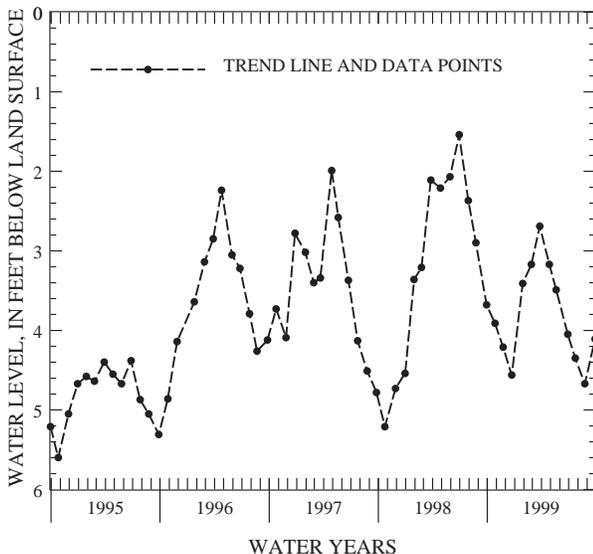
PERIOD OF RECORD.--December 1944 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.78 ft below land-surface datum, Apr. 23, 1983; lowest measured, 10.22 ft below land-surface datum, Oct. 20, 1947.

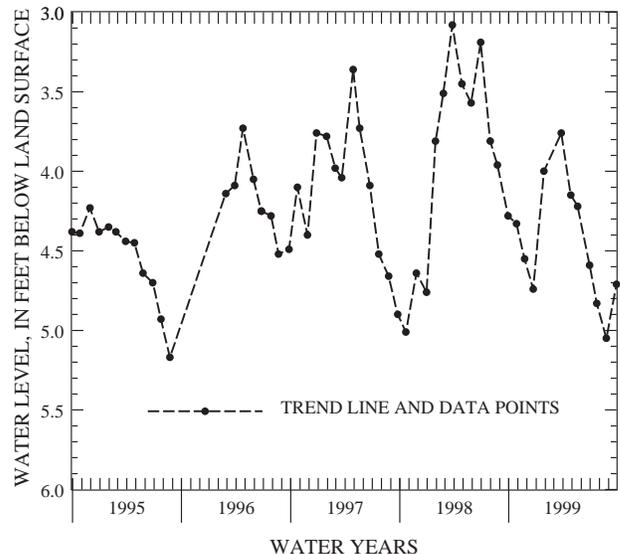
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	4.33	DEC 22	4.74	MAR 26	3.76	MAY 20	4.22	JUL 23	4.83	SEP 27	4.71
NOV 23	4.55	JAN 27	4.00	APR 27	4.15	JUN 29	4.59	AUG 24	5.05		

PAWTUCKET 136 WELL



PROVIDENCE 48 WELL



WASHINGTON COUNTY

412214071394001. Charlestown well CHW 18.

LOCATION.--Lat 41°22'14", long 71°39'40", Washington County, Hydrologic Unit 01090005, town of Charlestown, 1,900 ft southeast of U.S. Highway 1, at former U.S. Navy Auxiliary Air Station.

Owner: U.S. General Services Administration.

AQUIFER.--Sand and clay of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in., depth 32 ft, cased to 32 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 26 ft. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--October 1946 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.09 ft below land-surface datum, Apr. 23, 1983; lowest measured, 21.63 ft below land-surface datum, Dec. 29, 1965.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 28	19.48	DEC 23	20.63	MAR 01	16.92	APR 28	17.13	JUN 30	17.93	AUG 25	20.35
NOV 24	20.10	JAN 27	19.81	MAR 29	15.64	MAY 24	18.14	JUL 22	19.06	SEP 29	20.56
25	20.10										

412434071422401. Charlestown well CHW 586.

LOCATION.--Lat 41°24'34", long 71°42'24", Washington County, Hydrologic Unit 01090005, town of Charlestown, Burlingame State Park, 0.7 mi from Buckeye Road on Clawson Trail.

Owner: State of Rhode Island.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in., depth 14.3 ft, cased to 4.1 ft, screened from 4.1 ft to 13.5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 125 ft. Measuring point: Notch in PVC casing, 1.3 ft above land-surface datum.

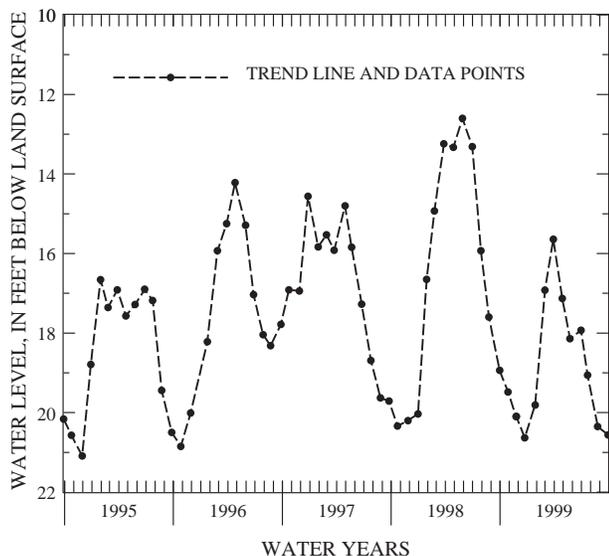
PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.57 ft below land-surface datum, Nov. 28, 1994; lowest measured, dry, Aug. 26, 1999.

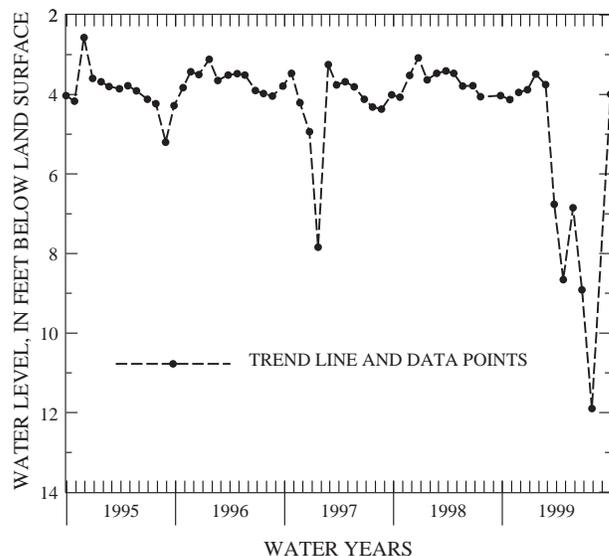
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 26	4.13	DEC 24	3.88	FEB 23	3.75	APR 23	8.66	JUN 25	8.91	AUG 26	DRY
NOV 25	3.95	JAN 21	3.49	MAR 24	6.76	MAY 26	6.85	JUL 28	11.90	SEP 29	3.99

CHARLESTOWN 18 WELL



CHARLESTOWN 586 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

WASHINGTON COUNTY--Continued

412424071423601. Charlestown well CHW 587.

LOCATION.--Lat 41°24'24", long 71°42'36", Washington County, Hydrologic Unit 01090005, town of Charlestown, Burligame State Park, 0.8 mi from Buckeye Brook Road on Mills Trail.

Owner: State of Rhode Island.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in., depth 12.5 ft, cased to 2.3 ft, screened from 2.3 ft to 11.7 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 90 ft. Measuring point: Notch in PVC casing, 1.6 ft above land-surface datum.

PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.35 ft below land-surface datum, Mar. 24, 1999; lowest measured, 12.33 ft below land-surface datum, Aug. 22, 1997.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 26	DRY	DEC 24	11.51	FEB 23	6.43	APR 23	3.49	JUN 25	4.58	AUG 26	4.91
NOV 25	11.66	JAN 21	5.31	MAR 24	2.35	MAY 26	3.17	JUL 28	5.30	SEP 29	10.64

413423071431901. Exeter well EXW 6.

LOCATION.--Lat 41°34'23", long 71°43'19", Washington County, Hydrologic Unit 01090005, town of Exeter, in Arcadia State Forest, 150 ft west of Wood River, 250 ft south of Ten Rod Road, and 2.0 mi west of Millville.

Owner: State Dept. of Natural Resources.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 30 in., depth 10 ft, cased with concrete to 10 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Land-surface datum is 132.80 ft above sea level. Measuring point: Hole in top of wooden cover, at land-surface datum.

REMARKS.--Water level affected by stage of nearby Wood River.

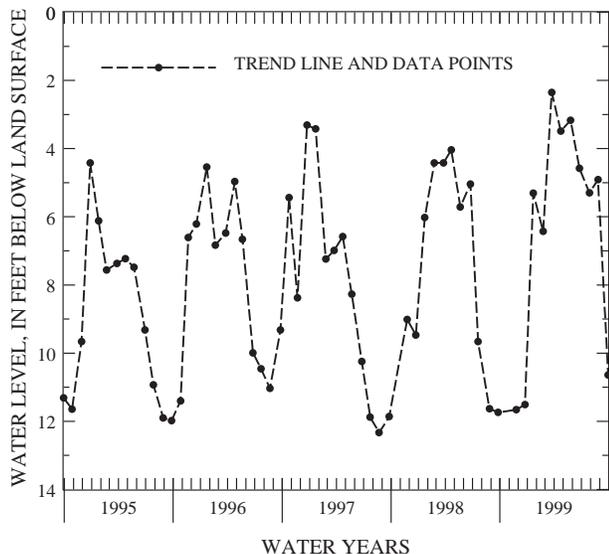
PERIOD OF RECORD.--December 1948 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.34 ft below land-surface datum, Jan. 27, 1979; lowest measured, 7.97 ft below land-surface datum, Sept. 26, 1981.

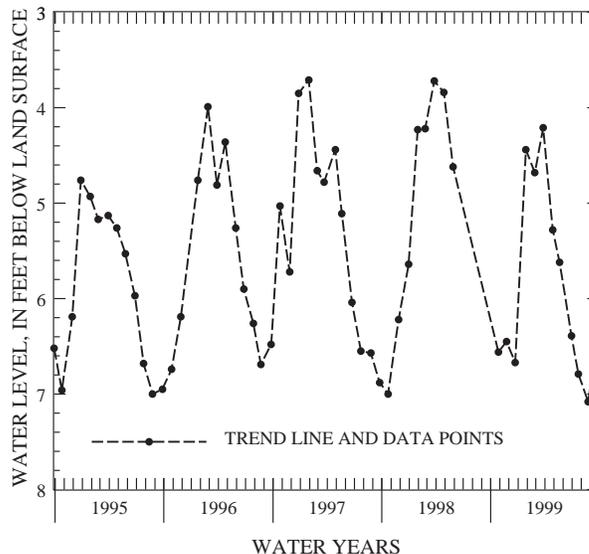
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	6.56	DEC 22	6.67	FEB 26	4.68	APR 27	5.28	JUN 29	6.39	AUG 24	7.08
NOV 23	6.45	JAN 27	4.44	MAR 26	4.21	MAY 20	5.62	JUL 22	6.79	SEP 28	6.35

CHARLESTOWN 587 WELL



EXETER 6 WELL



WASHINGTON COUNTY--Continued

413505071452801. Exeter well EXW 158.

LOCATION.--Lat 41°35'05", long 71°45'28", Washington County, Hydrologic Unit 01090005, town of Exeter, Escoheag Hill Road.

Owner: State of Rhode Island.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 36 in., depth 18.3 ft, cased with stone to 18.3 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 315 ft. Measuring point: Spray painted arrow on rock, at land-surface datum.

PERIOD OF RECORD.--September 1953 to February 1959, November 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.85 ft below land-surface datum, Mar. 25, 1994; lowest measured, dry, several times during water years 1994 and 1998.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 27	16.55	DEC 22	14.52	FEB 26	5.68	APR 27	7.53	JUN 29	13.31	AUG 24	17.27
NOV 23	15.83	JAN 28	4.89	MAR 26	4.99	MAY 20	9.30	JUL 22	15.89	SEP 28	15.35

413400071363101. Exeter well EXW 238.

LOCATION.--Lat 41°34'00", long 71°36'31", Washington County, Hydrologic Unit 01090005, town of Exeter, Tripps Corner Road.

Owner: Private owner.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 24 in., depth 14.4 ft, cased with stone to 14.4 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 333.80 ft. Measuring point: Spray painted arrow on rock, at land-surface datum.

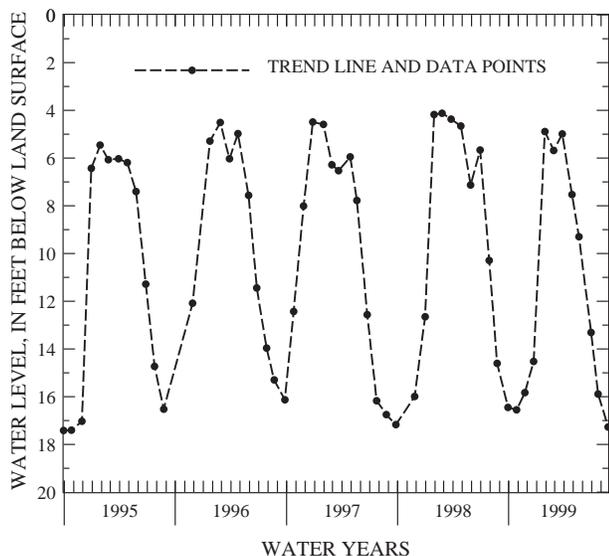
PERIOD OF RECORD.--October 1955 to June 1960, May 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.37 ft below land-surface datum Oct.17, 1955; lowest measured, 13.61 ft below land-surface datum, July 22, 1999.

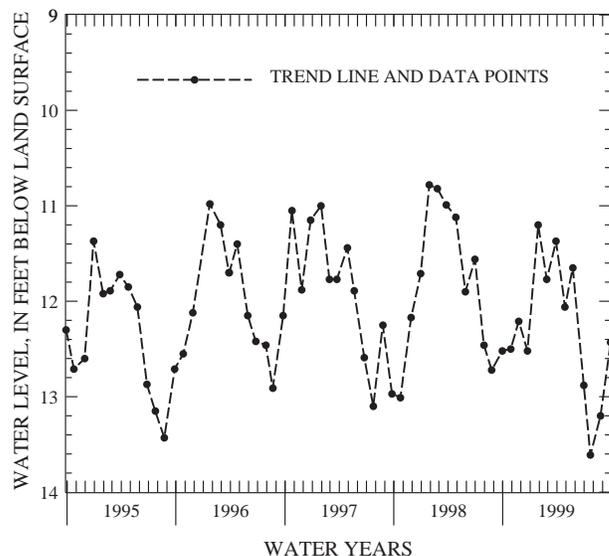
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 28	12.50	DEC 23	12.52	FEB 26	11.77	APR 28	12.06	JUN 30	12.88	AUG 25	13.20
NOV 24	12.21	JAN 28	11.20	MAR 29	11.37	MAY 24	11.65	JUL 22	13.61	SEP 28	12.43

EXETER 158 WELL



EXETER 238 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

WASHINGTON COUNTY--Continued

413135071314201. Exeter well EXW 278.

LOCATION.--Lat 41°31'35", long 71°31'42", Washington County, Hydrologic Unit 01090005, town of Exeter, Liberty Road 1.04 mi from Rt. 2.

Owner: Private owner.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 24 in, depth 23.9 ft, cased with stone to 23.9 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 230.90 ft. Measuring point: Spray painted arrow top of casing, 1.20 ft. above land-surface datum.

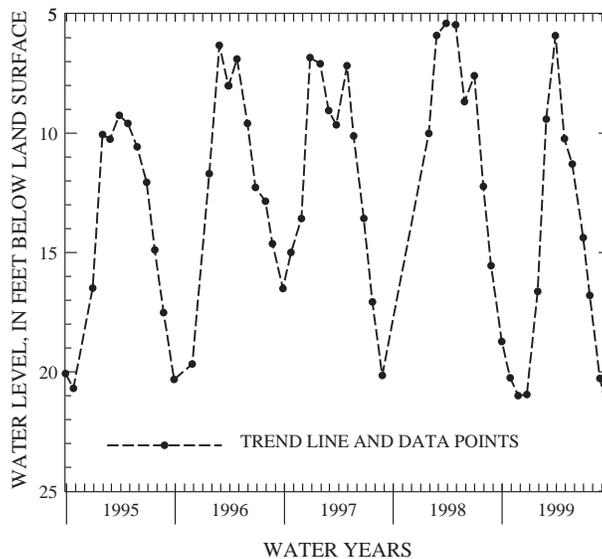
PERIOD OF RECORD.--August 1954 to June 1960, March 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.06 ft below land-surface datum, May 29, 1991; lowest measured, dry, several times in water years 1993, 1994, and 1998.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 28	20.25	DEC 23	20.95	FEB 26	9.41	APR 28	10.23	JUN 30	14.38	AUG 25	20.28
NOV 24	21.00	JAN 28	16.63	MAR 29	5.91	MAY 24	11.29	JUL 22	16.80	SEP 28	22.09

EXETER 278 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

WASHINGTON COUNTY--Continued

413358071433801. Exeter well EXW 475.

LOCATION.--Lat 41°33'58", long 71°43'38", Washington County, Hydrologic Unit 01090005, town of Exeter, 70 ft east of Mt. Tom Road, 50 ft north of Blitzkrieg Trail, and 2.4 mi northwest of Barberville.

Owner: State Department of Environmental Management.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in, depth 40 ft, cased to 38 ft, screened 38 to 40 ft.

INSTRUMENTATION.--Continuous graphic recorder March 1981 to May 1988, digital recorder (60-min punch) June 1988 to current year.

DATUM.--Land-surface datum is 142.92 ft above sea level. Measuring point: Floor of recorder shelter, 3.38 ft above land-surface datum.

PERIOD OF RECORD.--March 1981 to current year.

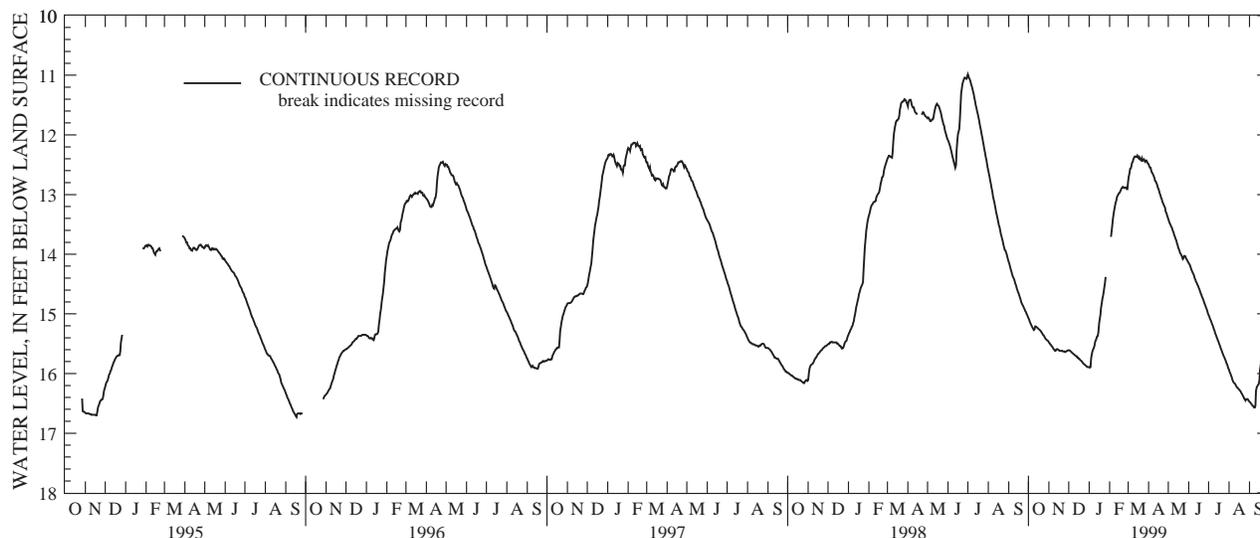
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.58 ft below land-surface datum, Apr. 28, 29, 1983; lowest, 16.74 ft below land-surface datum, Oct. 19, 1981, Sept. 17, 1995.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.07	15.48	15.61	15.89	---	12.77	12.49	13.41	14.15	15.02	15.94	16.47
2	15.10	15.49	15.61	15.90	---	12.70	12.52	13.45	14.17	15.04	15.97	16.48
3	15.13	15.51	15.62	15.89	13.71	12.64	12.55	13.48	14.19	15.08	16.00	16.50
4	15.16	15.52	15.63	15.75	13.63	12.57	12.55	13.50	14.23	15.10	16.03	16.51
5	15.18	15.54	15.64	15.67	13.51	12.56	12.60	13.53	14.26	15.13	16.06	16.53
6	15.21	15.55	15.65	15.63	13.41	12.52	12.63	13.55	14.29	15.16	16.10	16.54
7	15.23	15.57	15.66	15.59	13.32	12.47	12.64	13.58	14.31	15.19	16.13	16.55
8	15.25	15.59	15.67	15.57	13.26	12.45	12.67	13.61	14.33	15.22	16.15	16.57
9	15.27	15.60	15.68	15.53	13.19	12.41	12.69	13.64	14.36	15.25	16.16	16.57
10	15.26	15.62	15.69	15.47	13.14	12.38	12.73	13.68	14.40	15.28	16.17	16.54
11	15.21	15.62	15.70	15.44	13.10	12.36	12.77	13.71	14.43	15.32	16.19	16.29
12	15.21	15.60	15.71	15.41	13.05	12.36	12.78	13.74	14.46	15.35	16.21	16.23
13	15.22	15.59	15.71	15.38	13.02	12.37	12.81	13.77	14.48	15.38	16.23	16.21
14	15.23	15.59	15.73	15.37	13.00	12.37	12.84	13.81	14.51	15.41	16.24	16.19
15	15.24	15.60	15.73	15.31	12.98	12.35	12.88	13.85	14.53	15.44	16.25	16.18
16	15.25	15.61	15.75	15.16	12.97	12.37	12.91	13.89	14.56	15.47	16.27	16.11
17	15.26	15.62	15.75	15.09	12.95	12.39	12.94	13.92	14.59	15.50	16.28	15.94
18	15.27	15.62	15.77	15.01	12.92	12.37	12.98	13.95	14.62	15.53	16.29	15.85
19	15.28	15.62	15.78	14.90	12.90	12.40	13.01	13.98	14.65	15.56	16.31	15.78
20	15.30	15.62	15.79	14.82	12.88	12.42	13.05	14.00	14.68	15.59	16.33	15.73
21	15.31	15.62	15.80	14.75	12.87	12.43	13.08	14.02	14.71	15.62	16.35	15.69
22	15.33	15.63	15.82	14.69	12.88	12.39	13.12	14.05	14.74	15.65	16.37	15.66
23	15.35	15.63	15.83	14.63	12.89	12.43	13.15	14.08	14.76	15.68	16.39	15.65
24	15.36	15.63	15.84	14.56	12.89	12.42	13.17	14.06	14.80	15.71	16.42	15.64
25	15.38	15.64	15.85	14.47	12.88	12.41	13.20	14.03	14.83	15.73	16.43	15.62
26	15.40	15.64	15.86	14.38	12.88	12.44	13.22	14.03	14.86	15.76	16.45	15.62
27	15.42	15.63	15.87	---	12.91	12.45	13.28	14.04	14.89	15.79	16.43	15.62
28	15.43	15.62	15.88	---	12.91	12.43	13.31	14.07	14.92	15.82	16.43	15.62
29	15.44	15.62	15.89	---	---	12.43	13.34	14.09	14.95	15.85	16.43	15.63
30	15.45	15.61	15.89	---	---	12.46	13.38	14.11	14.99	15.88	16.44	15.63
31	15.46	---	15.89	---	---	12.48	---	14.13	---	15.91	16.46	---
MEAN	15.28	15.59	15.75	---	---	12.45	12.91	13.83	14.55	15.47	16.26	16.07
LOW	15.46	15.64	15.89	---	---	12.77	13.38	14.13	14.99	15.91	16.46	16.57
HIGH	15.07	15.48	15.61	---	---	12.35	12.49	13.41	14.15	15.02	15.94	15.62

WTR YR 1999 HIGH 12.34 MAR 15 LOW 16.57 SEPT 8, 9, 10

EXETER 475 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

WASHINGTON COUNTY--Continued

413252071323601. Exeter well EXW 554.

LOCATION.--Lat 41°32'52", long 71°32'36", Washington County, hydrologic Unit 01090005, town of Exeter, about 1,500 ft south of fire station at Exeter State (Dr. Joseph H. Ladd) School. One half mile West of Rt. 2 on Dawley Rd. and approximately 100 ft north of center line of Dawley Rd.
Owner: State Dept. of Public Welfare.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in, depth 25.1 ft, cased to 22.8 ft, screened from 22.8 ft to 24.8 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Land-surface datum is 156.92 ft above sea level. Measuring point: Top of casing, 2.40 ft above land-surface datum.

REMARKS.--Replacement well for EXW16, which was influenced by parking lot runoff.

PERIOD OF RECORD.--December 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.20 ft below land-surface datum, Mar. 29, 1999; lowest measured, 12.20 ft below land-surface datum, Nov. 29, 1994.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 28	10.80	DEC 23	11.15	FEB 26	9.20	APR 28	8.59	JUN 30	9.36	AUG 24	10.88
NOV 24	10.83	JAN 28	9.56	MAR 29	8.20	MAY 24	8.35	JUL 22	10.05	SEP 28	10.25

413126071455501. Hopkinton well HOW 67.

LOCATION.--Lat 41°31'26", long 71°45'55", Washington County, Hydrologic Unit 01090005, town of Hopkinton, Beach Pond Road, Rt. 138.
Owner: Rhode Island Boy Scouts.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 30 in, depth 22.9 ft, cased with stone to 22.9 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 335 ft. Measuring point: Spray painted arrow on rock, 1.89 ft above land-surface datum.

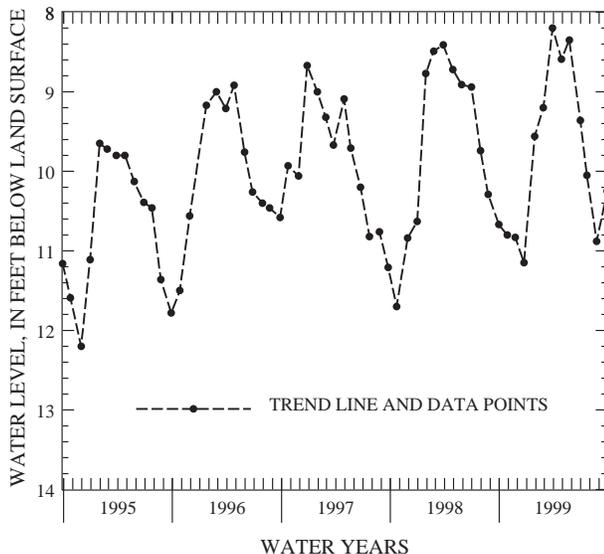
PERIOD OF RECORD.--August 1953 to February 1959, November 1990 to current year..

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.11 ft below land-surface datum, Mar. 27, 1998; lowest measured, dry, Oct. 29, 1957.

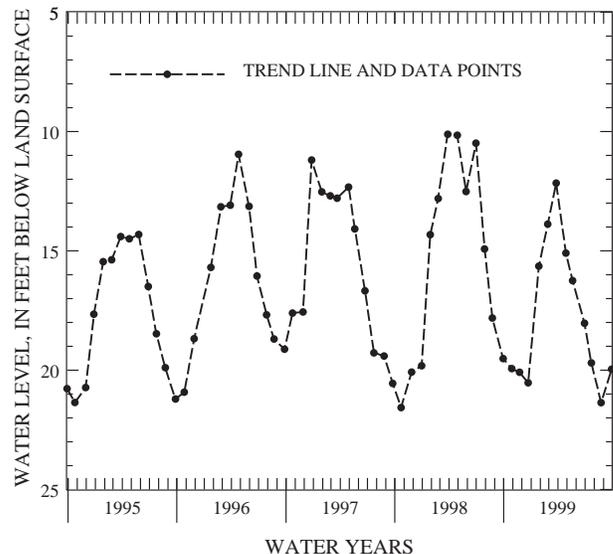
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 28	19.94	DEC 22	20.53	FEB 26	13.88	APR 28	15.10	JUN 29	18.03	AUG 24	21.36
NOV 23	20.09	JAN 27	15.64	MAR 26	12.16	MAY 20	16.25	JUL 22	19.70	SEP 28	19.96

EXETER 554 WELL



HOPKINTON 67 WELL



WASHINGTON COUNTY--Continued

410947071344803. New Shoreham well NHW 258.

LOCATION.--Lat 41°09'47", long 71°34'48", Washington County, Hydrologic Unit 01090005, town of New Shoreham, Lakeside Drive near Indian Cemetary.

Owner: State of Rhode Island, D.O.T.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in, depth 19.0 ft, cased to 14.0 ft, screened from 14.0 ft to 19.0 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by observer.

DATUM.--Elevation of land-surface datum is 120 ft. Measuring point: Notch in PVC casing, 0.85 ft above land-surface datum.

PERIOD OF RECORD.--August 1990 and September 1990, June 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.05 ft below land-surface datum, Mar. 29, 1993; lowest measured, 13.83 ft below land-surface datum, Nov. 21, 1993.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 01	12.54	NOV 30	12.25	JAN 21	12.54	MAR 29	10.80	MAY 23	11.81	AUG 18	13.15
21	12.05	DEC 25	12.55	MAR 01	11.06	APR 19	11.25	JUL 01	12.44		

413148071281601. North Kingstown well NKW 255.

LOCATION.--Lat 41°31'48", long 71°28'16", Washington County, Hydrologic Unit 01090004, town of North Kingstown, 100 ft east of Pendar Road, 0.6 mi south of intersection of Pendar and Tower Hill Roads, and 1.0 mi south of Allenton.

Owner: Private owner.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 24 in, depth 14 ft, cased with concrete to 14 ft, open end.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 50 ft. Measuring point: Hole in top of concrete cover, 0.24 ft above land-surface datum.

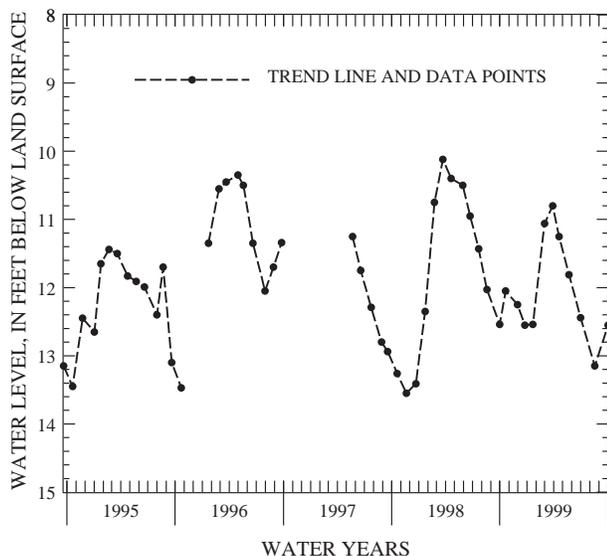
PERIOD OF RECORD.--August 1954 to December 1963, January 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.81 ft below land-surface datum, Mar. 26, 1968; lowest measured, 13.03 ft below land-surface datum, Oct. 26, 1981.

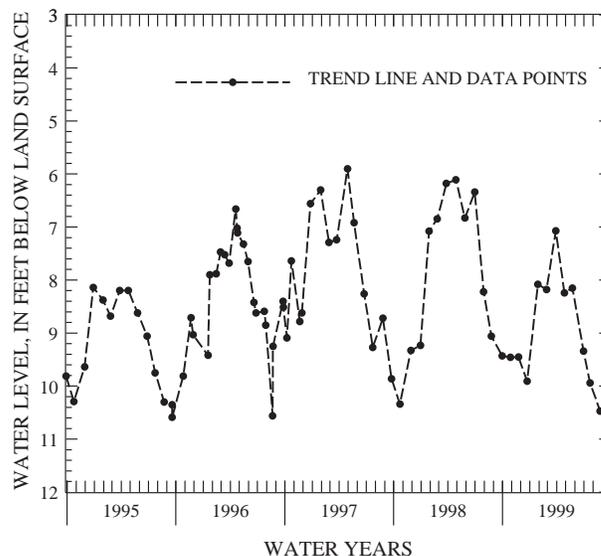
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 28	9.46	DEC 23	9.91	FEB 26	8.18	APR 27	8.24	JUN 30	9.34	AUG 25	10.47
NOV 24	9.45	JAN 28	8.08	MAR 29	7.07	MAY 24	8.15	JUL 22	9.94	SEP 29	9.92

NEW SHOREHAM 258 WELL



NORTH KINGSTOWN 255 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

WASHINGTON COUNTY--Continued

412932071374302. Richmond well RIW 417.

LOCATION.--Lat 41°29'32", long 71°37'43", Washington County, Hydrologic Unit 01090005, town of Richmond, about 50 ft south of State Highway 138, about 75 ft west of Beaver River, and 3.3 mi north of Kenyon.

Owner: State Department of Transportation.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 40 ft, cased to 37 ft, screened 37 to 40 ft.

INSTRUMENTATION.--Continuous graphic recorder December 1975 to May 1988, digital recorder (60 minute) June 1988 to current year.

DATUM.--Land-surface datum is 115.56 ft, above sea level. Measuring point: Floor of recorder shelter, 0.60 ft above land-surface datum.

REMARKS.--Water level affected by stage of nearby Beaver River.

PERIOD OF RECORD.--December 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 4.08 ft below land-surface datum, Apr. 25, 1983; lowest, 8.02 ft below land-surface datum, Oct. 3, 1980.

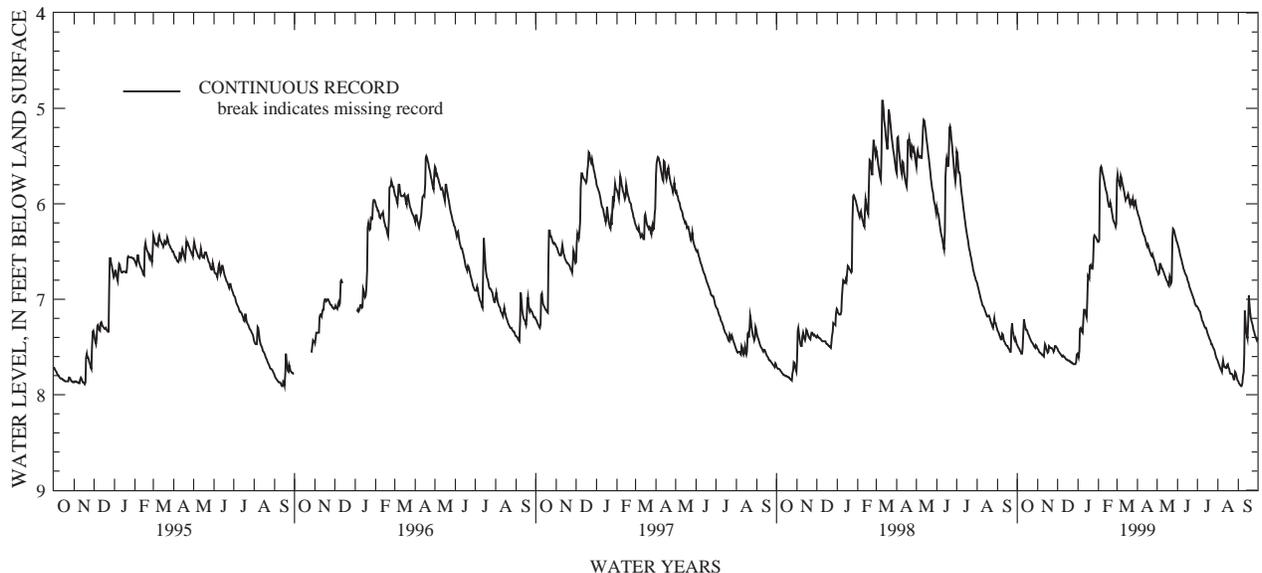
DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.48	7.52	7.52	7.59	6.40	5.75	6.08	6.70	6.42	7.08	7.65	7.86
2	7.50	7.53	7.54	7.61	6.38	5.69	6.11	6.72	6.45	7.09	7.67	7.88
3	7.51	7.55	7.55	7.54	5.78	5.75	6.13	6.74	6.47	7.11	7.69	7.89
4	7.52	7.56	7.56	7.31	5.63	5.76	6.15	6.73	6.51	7.12	7.71	7.90
5	7.54	7.56	7.57	7.30	5.61	5.80	6.18	6.63	6.54	7.13	7.73	7.91
6	7.55	7.57	7.58	7.32	5.63	5.82	6.21	6.63	6.57	7.16	7.74	7.91
7	7.57	7.58	7.59	7.34	5.68	5.71	6.23	6.65	6.59	7.19	7.76	7.88
8	7.57	7.58	7.60	7.35	5.70	5.74	6.26	6.68	6.62	7.22	7.68	7.81
9	7.51	7.59	7.59	7.21	5.74	5.78	6.29	6.68	6.65	7.23	7.64	7.76
10	7.33	7.60	7.60	7.11	5.77	5.81	6.31	6.70	6.68	7.25	7.69	7.58
11	7.21	7.53	7.60	7.11	5.82	5.84	6.33	6.72	6.70	7.27	7.71	7.12
12	7.25	7.47	7.61	7.13	5.85	5.88	6.34	6.74	6.72	7.29	7.71	7.25
13	7.29	7.49	7.62	7.16	5.87	5.92	6.37	6.76	6.74	7.30	7.72	7.33
14	7.32	7.52	7.63	7.19	5.90	5.96	6.40	6.78	6.75	7.30	7.72	7.38
15	7.32	7.54	7.63	7.04	5.96	5.94	6.43	6.80	6.77	7.32	7.69	7.41
16	7.33	7.56	7.64	6.75	6.00	5.94	6.45	6.81	6.80	7.35	7.68	7.21
17	7.36	7.55	7.64	6.76	6.03	5.92	6.43	6.83	6.82	7.37	7.71	6.96
18	7.37	7.49	7.64	6.78	6.03	5.90	6.45	6.85	6.84	7.39	7.73	7.07
19	7.39	7.50	7.65	6.65	5.99	5.94	6.48	6.86	6.87	7.41	7.76	7.14
20	7.41	7.51	7.65	6.64	6.03	5.98	6.50	6.76	6.89	7.42	7.78	7.19
21	7.42	7.51	7.66	6.67	6.07	6.01	6.52	6.78	6.91	7.44	7.78	7.23
22	7.44	7.51	7.66	6.68	6.12	5.97	6.54	6.83	6.93	7.47	7.78	7.25
23	7.45	7.52	7.67	6.68	6.16	5.99	6.55	6.81	6.95	7.47	7.79	7.28
24	7.46	7.53	7.67	6.60	6.18	6.00	6.53	6.36	6.97	7.49	7.81	7.32
25	7.47	7.55	7.68	6.35	6.20	5.95	6.56	6.26	6.99	7.51	7.84	7.34
26	7.49	7.53	7.68	6.33	6.21	5.99	6.58	6.27	7.01	7.52	7.84	7.37
27	7.50	7.49	7.68	6.34	6.24	6.02	6.60	6.29	7.04	7.54	7.76	7.39
28	7.51	7.49	7.68	6.35	6.21	5.98	e6.63	6.32	7.06	7.57	7.77	7.41
29	7.48	7.50	7.66	6.37	---	5.97	e6.65	6.35	7.07	7.60	7.80	7.43
30	7.49	7.51	7.58	6.38	---	6.02	e6.69	6.38	7.07	7.62	7.83	7.40
31	7.51	---	7.57	6.40	---	6.06	---	6.40	---	7.63	7.85	---
MEAN	7.44	7.53	7.62	6.90	5.97	5.90	6.40	6.64	6.78	7.35	7.74	7.46
LOW	7.57	7.60	7.68	7.61	6.40	6.06	6.69	6.86	7.07	7.63	7.85	7.91
HIGH	7.21	7.47	7.52	6.33	5.61	5.69	6.08	6.26	6.42	7.08	7.64	6.96

e Estimated

WTR YR 1999 HIGH 5.61 FEB 5, 6 LOW 7.91 SEPT 5, 6

RICHMOND 417 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

WASHINGTON COUNTY--Continued

412844071422802. Richmond well RIW 600.

LOCATION.--Lat 41°28'44", long 71°42'28", Washington County, Hydrologic Unit 01090005, town of Richmond, about 50 ft west of Hope Valley Road, and 1.5 mi northeast of Woodville.

Owner: State Department of Transportation.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in, depth 54 ft, cased to 49 ft, screened 49 to 54 ft.

INSTRUMENTATION.--Continuous graphic recorder September 1977 to May 1988, digital recorder (60 minute) June 1988 to current year.

DATUM.--Land-surface datum is 100.17 ft, above sea level. Measuring point: Floor of recorder shelter, 2.63 ft above land-surface datum.

PERIOD OF RECORD.--September 1977 to current year.

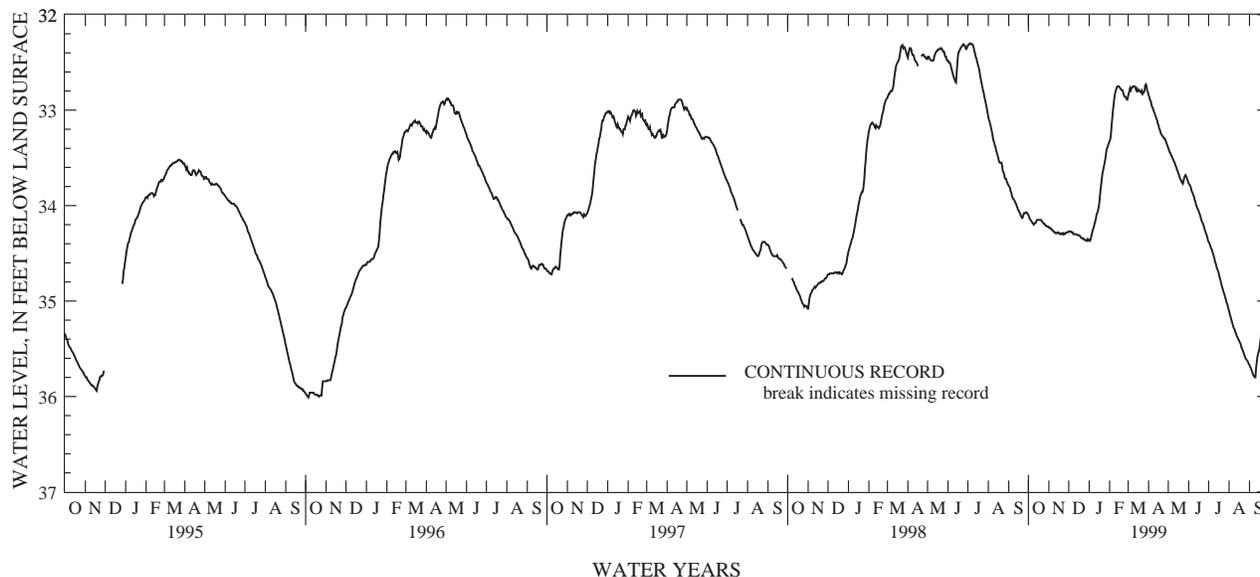
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 31.42 ft below land-surface datum, June 11, 1982; lowest, 35.94 ft below land-surface datum, Feb. 2, 1981.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.10	34.23	34.27	34.36	33.32	32.85	32.84	33.40	33.77	34.38	35.10	35.67
2	34.12	34.23	34.27	34.37	33.30	32.82	32.86	33.42	33.78	34.39	35.13	35.69
3	34.14	34.24	34.27	34.36	33.25	32.80	32.89	33.44	33.79	34.41	35.16	35.70
4	34.15	34.24	34.27	34.33	33.17	32.77	32.90	33.45	33.81	34.43	35.18	35.72
5	34.16	34.25	34.28	34.30	33.08	32.79	32.93	33.47	33.84	34.45	35.21	35.74
6	34.17	34.26	34.28	34.27	33.01	32.77	32.96	33.48	33.86	34.46	35.23	35.76
7	34.18	34.26	34.28	34.24	32.94	32.76	32.97	33.50	33.87	34.49	35.26	35.78
8	34.19	34.27	34.30	34.23	32.88	32.76	32.99	33.51	33.89	34.51	35.28	35.79
9	34.20	34.28	34.30	34.19	32.83	32.75	33.01	33.53	33.91	34.53	35.29	35.80
10	34.19	34.28	34.30	34.17	32.80	32.75	33.03	33.54	33.94	34.56	35.31	35.80
11	34.18	34.29	34.30	34.14	32.78	32.75	33.05	33.56	33.96	34.59	35.33	35.71
12	34.18	34.29	34.30	34.10	32.76	32.76	33.07	33.58	33.99	34.61	35.35	35.64
13	34.16	34.29	34.30	34.08	32.75	32.79	33.09	33.60	34.01	34.64	35.37	35.59
14	34.15	34.28	34.31	34.06	32.75	32.80	33.11	33.62	34.03	34.66	35.38	35.55
15	34.15	34.28	34.31	34.03	32.75	32.78	33.14	33.64	34.04	34.68	35.40	35.53
16	34.15	34.29	34.31	33.99	32.76	32.80	33.16	33.66	34.06	34.70	35.41	35.50
17	34.15	34.29	34.31	33.93	32.77	32.80	33.19	33.68	34.08	34.73	35.43	35.45
18	34.15	34.30	34.32	33.84	32.78	32.79	33.20	33.70	34.10	34.76	35.44	35.39
19	34.15	34.30	34.33	33.79	32.79	32.80	33.23	33.72	34.12	34.78	35.46	35.35
20	34.15	34.29	34.34	33.72	32.79	32.81	33.25	33.73	34.15	34.81	35.49	35.31
21	34.16	34.29	34.34	33.67	32.80	32.82	33.26	33.75	34.17	34.84	35.50	35.28
22	34.17	34.30	34.34	33.63	32.83	32.80	33.27	33.76	34.18	34.86	35.52	35.25
23	34.18	34.29	34.35	33.60	32.85	32.83	33.28	33.77	34.20	34.89	35.54	35.23
24	34.19	34.30	34.35	33.57	32.86	32.82	33.29	33.74	34.22	34.91	35.56	35.22
25	34.19	34.30	34.36	33.53	32.86	32.81	33.30	33.71	34.25	34.93	35.58	35.21
26	34.20	34.29	34.36	33.49	32.87	32.79	33.30	33.69	34.27	34.96	35.60	35.21
27	34.21	34.28	34.36	33.43	32.89	32.74	33.32	33.68	34.29	34.98	35.61	35.21
28	34.21	34.28	34.37	33.40	32.89	32.73	33.34	33.69	34.31	35.01	35.62	35.23
29	34.22	34.28	34.37	33.38	---	32.75	33.36	33.71	34.33	35.03	35.63	35.24
30	34.22	34.28	34.35	33.36	---	32.80	33.38	33.73	34.36	35.05	35.64	35.25
31	34.22	---	34.36	33.34	---	32.81	---	33.75	---	35.08	35.66	---
MEAN	34.17	34.28	34.32	33.90	32.90	32.79	33.13	33.62	34.05	34.71	35.41	35.49
LOW	34.22	34.30	34.37	34.37	33.32	32.85	33.38	33.77	34.36	35.08	35.66	35.80
HIGH	34.10	34.23	34.27	33.34	32.75	32.73	32.84	33.40	33.77	34.38	35.10	35.21

WTR YR 1999 HIGH 32.73 MAR 27, 28 LOW 35.81 SEPT 9, 10

RICHMOND 600 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

WASHINGTON COUNTY--Continued

412718071415201. Richmond well RIW 785.

LOCATION.--Lat 41°27'18", long 71°41'52", Washington County, Hydrologic Unit 01090005, town of Richmond, about 50 ft. west of Narragansett Trail, and 1.2 miles north of Wood River Junction.

Owner: Tuckahoe Turf Farms.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2.0 in, depth 40.06 ft, cased to 34.21 ft, screened from 34.21 ft to 40.06 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey Personnel.

DATUM.--Elevation of land-surface datum is 85 ft. Measuring point: Top of casing, 0.65 ft above land-surface datum.

REMARKS.--Replacement well for RIW 231 which was destroyed.

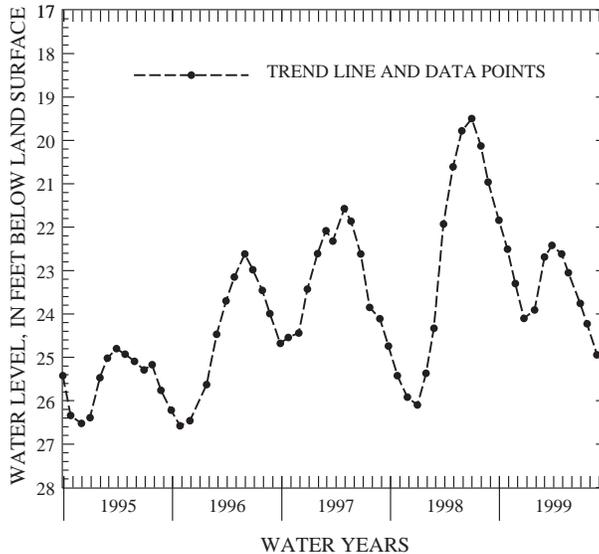
PERIOD OF RECORD.--October 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.50 ft below land-surface datum, June 30, 1998 lowest measured, 26.58 ft below land-surface datum, Oct. 26, 1995.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 28	22.51	DEC 22	24.10	MAR 01	22.69	APR 28	22.62	JUN 29	23.76	AUG 24	24.94
NOV 23	23.30	JAN 27	23.91	MAR 26	22.42	MAY 20	23.05	JUL 22	24.23	SEP 28	25.19

RICHMOND 785 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

WASHINGTON COUNTY--Continued

412918071321001. South Kingstown well SNW 6.

LOCATION.--Lat 41°29'18", long 71°32'10", Washington County, Hydrologic Unit 01090005, town of South Kingstown, at northwest corner of Mead Field at University of Rhode Island, and 0.9 mi northwest of Kingston.

Owner: University of Rhode Island.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water table well, diameter 10 in, depth 34 ft, cased to 34 ft, open end.

INSTRUMENTATION.--Continuous graphic recorder July 1973 to May 1988, digital recorder (60 minute) June 1988 to current year.

DATUM.--Land-surface datum is 111.89 ft above sea level. Measuring point: Floor of recorder shelter, 0.04 ft above land-surface datum.

RECORD OF PERIOD.--November to December 1947, February 1955 to current year.

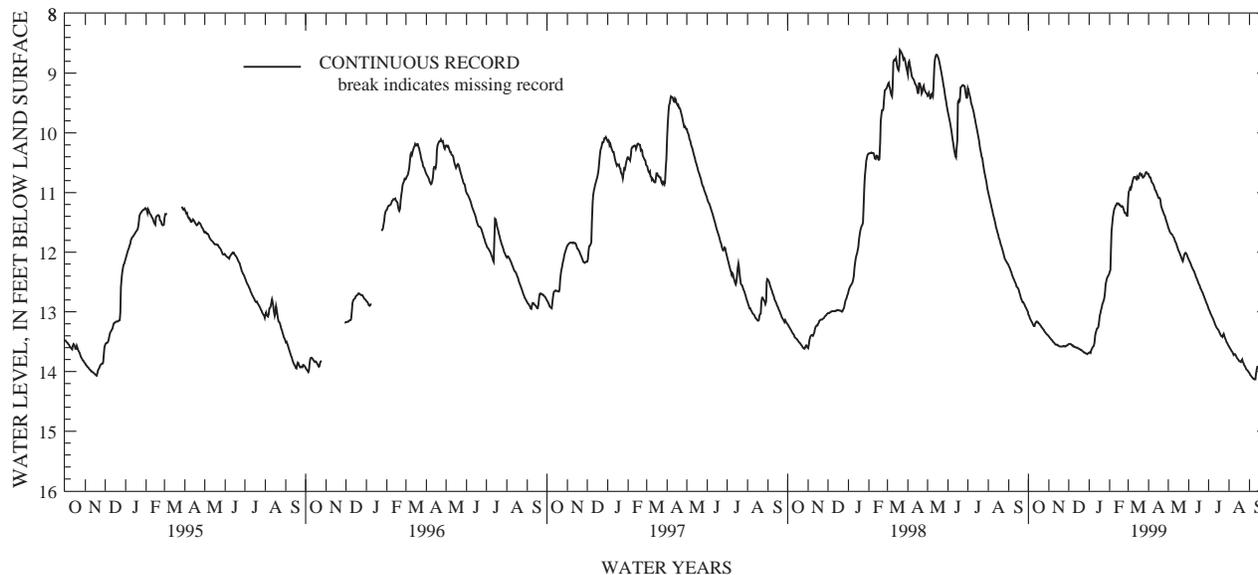
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 6.91 ft below land-surface datum, Apr. 25, 26, 1983; lowest, 15.06 ft below land-surface datum, Dec. 29, 1965.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.05	13.41	13.54	13.68	12.33	11.10	10.69	11.59	12.12	12.95	13.58	14.03
2	13.07	13.43	13.54	13.68	12.30	10.99	10.73	11.62	12.15	12.97	13.60	14.05
3	13.10	13.44	13.54	13.69	11.95	10.96	10.75	11.65	12.17	13.00	13.62	14.07
4	13.13	13.46	13.54	13.65	11.65	10.92	10.75	11.67	12.20	13.03	13.64	14.08
5	13.15	13.47	13.55	13.62	11.51	10.94	10.80	11.69	12.23	13.05	13.66	14.10
6	13.17	13.48	13.56	13.60	11.41	10.91	10.83	11.70	12.26	13.08	13.67	14.11
7	13.19	13.50	13.56	13.58	11.33	10.85	10.84	11.71	12.28	13.10	13.70	14.12
8	13.22	13.51	13.58	13.57	11.28	10.80	10.86	11.73	12.30	13.12	13.72	14.13
9	13.24	13.52	13.58	13.51	11.25	10.76	10.88	11.75	12.32	13.15	13.71	14.13
10	13.24	13.54	13.59	13.40	11.22	10.74	10.92	11.77	12.35	13.18	13.71	14.13
11	13.20	13.55	13.59	13.34	11.21	10.74	10.96	11.81	12.38	13.21	13.72	14.04
12	13.18	13.55	13.60	13.31	11.18	10.74	10.97	11.83	12.42	13.24	13.75	13.96
13	13.16	13.55	13.60	13.28	11.18	10.77	11.00	11.86	12.44	13.26	13.77	13.92
14	13.16	13.56	13.60	13.27	11.18	10.78	11.03	11.89	12.47	13.28	13.79	13.92
15	13.18	13.56	13.61	13.25	11.20	10.74	11.06	11.93	12.50	13.29	13.80	13.93
16	13.18	13.57	13.62	13.16	11.20	10.76	11.09	11.96	12.53	13.31	13.82	13.94
17	13.20	13.58	13.62	13.07	11.22	10.76	11.09	11.99	12.55	13.33	13.83	13.85
18	13.21	13.58	13.63	13.02	11.23	10.70	11.09	12.01	12.58	13.36	13.83	13.75
19	13.23	13.58	13.64	12.97	11.24	10.68	11.13	12.04	12.61	13.38	13.84	13.72
20	13.24	13.58	13.64	12.92	11.23	10.69	11.22	12.07	12.63	13.40	13.82	13.73
21	13.26	13.58	13.65	12.87	11.24	10.71	11.26	12.10	12.66	13.41	13.80	13.74
22	13.27	13.58	13.66	12.84	11.28	10.70	11.29	12.13	12.68	13.42	13.84	13.76
23	13.29	13.57	13.67	12.81	11.31	10.75	11.32	12.15	12.71	13.39	13.86	13.78
24	13.30	13.57	13.68	12.77	11.34	10.75	11.35	12.10	12.74	13.37	13.89	13.81
25	13.32	13.58	13.68	12.67	11.34	10.73	11.38	12.05	12.77	13.41	13.91	13.84
26	13.34	13.58	13.69	12.54	11.36	10.72	11.40	12.02	12.80	13.44	13.93	13.86
27	13.35	13.57	13.70	12.48	11.39	10.69	11.44	12.01	12.83	13.47	13.96	13.89
28	13.37	13.56	13.70	12.44	11.39	10.66	11.48	12.02	12.86	13.50	13.97	13.92
29	13.38	13.56	13.71	12.41	---	10.66	11.51	12.04	12.88	13.52	13.98	13.94
30	13.39	13.55	13.70	12.39	---	10.68	11.55	12.07	12.91	13.54	14.00	13.96
31	13.40	---	13.69	12.37	---	10.69	---	12.10	---	13.56	14.01	---
MEAN	13.23	13.54	13.62	13.10	11.39	10.78	11.09	11.91	12.51	13.28	13.80	13.94
LOW	13.40	13.58	13.71	13.69	12.33	11.10	11.55	12.15	12.91	13.56	14.01	14.13
HIGH	13.05	13.41	13.54	12.37	11.18	10.66	10.69	11.59	12.12	12.95	13.58	13.72

WTR YR 1999 HIGH 10.65 MAR 29 LOW 14.14 SEPT 8, 9, 10

SOUTH KINGSTOWN 6 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

WASHINGTON COUNTY--Continued

412923071361601. South Kingstown well SNW 515.

LOCATION.--Lat 41°29'23", long 71°36'16", Washington County, Hydrologic Unit 01090005, town of South Kingstown, at Laurel Lane Golf Course, 2.7 mi west of West Kingston.

Owner: Private owner.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 36 in, depth 30 ft, lined with stone to 30 ft, shored.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Land-surface datum is 127.84 ft above sea level. Measuring point: Top edge of concrete casing on south rim of well, 2.11 ft above land-surface datum. Dec. 27, 1975, to Apr. 25, 1981, measuring point 1.61 ft lower.

PERIOD OF RECORD.--May 1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.44 ft below land-surface datum, May 26, 1966. Dry several times in water years 1978, 1980-85, 1987-88, 1991, 1994, 1995, 1998, and 1999.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 28	28.44	DEC 23	Dry	FEB 26	26.13	APR 28	26.79	JUN 30	27.97	SEP 28	28.43
NOV 24	28.59	JAN 28	27.14	MAR 29	25.73	MAY 24	27.20	JUL 22	28.76		

412154071462901. Westerly well WEW 522.

LOCATION.--Lat 41°21'54", long 71°46'29", Washington County, Hydrologic Unit 01090005, town of Westerly, 350 ft northwest of intersection of Pound and Old Shore Roads and 1.0 mi north of Dunn Corner.

Owner: Private owner.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 30 in, depth 16 ft, lined with stone to 16 ft, shored.

INSTRUMENTATION.--Monthly measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Elevation of land-surface datum is 45 ft. Measuring point: Southwest corner of stone casing, 0.91 ft above land-surface datum.

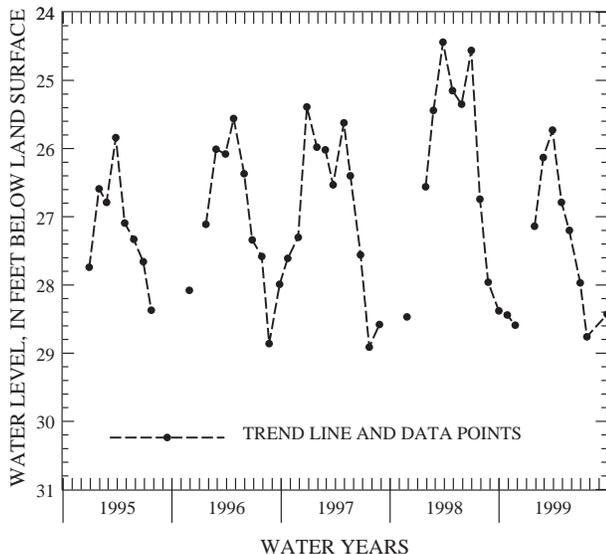
PERIOD OF RECORD.--January 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.23 ft below land-surface datum, Apr. 23, 1983; lowest measured, 14.99 ft below land-surface datum, Aug. 25, 1999.

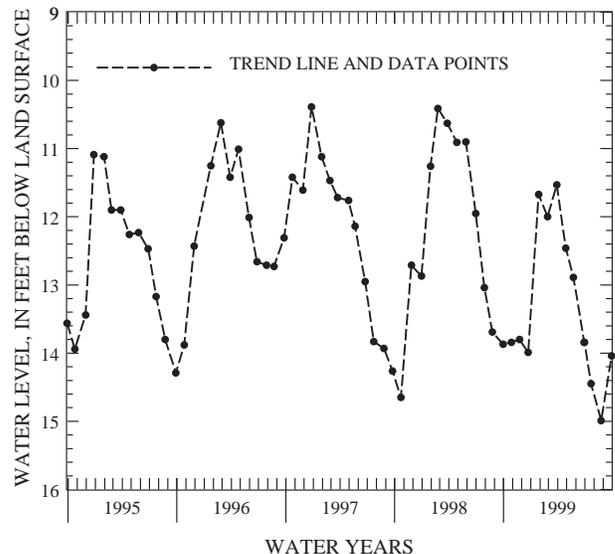
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL										
OCT 28	13.84	JAN 27	11.67	MAR 29	11.53	MAY 24	12.89	JUN 30	13.84	AUG 25	14.99
NOV 24	13.80	FEB 26	12.00	APR 28	12.46	JUN 29	13.84	JUL 22	14.45	SEP 29	14.04
DEC 23	13.99										

SOUTH KINGSTOWN 515 WELL



WESTERLY 522 WELL



QUALITY OF GROUND-WATER

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
(NATIONAL WATER QUALITY ASSESSMENT PROGRAM)

REMARKS: "E", estimated; 112SRFD, Pleistocene stratified-drift aquifers. Organic pesticide compounds, analyzed by Schedule 2001, and volatile organic compounds, analyzed by Schedule 2020, are listed with minimum reporting levels in the section, "Explanation of Records", Only compounds either measured at or above the reporting level in one or more samples are listed in the water-quality tables. See table of contents for local identifier number and town name.

LOCAL IDENTIFIER	STATION NUMBER	LATITUDE	LONGITUDE	GEOLOGIC UNIT	DATE	TIME	BELOW SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)
BRISTOL COUNTY								
A8W 36	414913071052701	41 49 19 N	71 05 24 W	112SRFD	8-12-99	1000	24.56	34.5
EMW 294	420241071072601	42 02 38 N	71 07 26 W	112SRFD	8-19-99	1000	5.5	14.5
MDW 238	420013071161501	42 00 12 N	71 16 15 W	112SRFD	7-22-99	1100	23.63	32
RAW 139	415600071022501	41 56 00 N	71 02 25 W	112SRFD	7-28-99	1100	15.03	30
S9W 279	414541071143501	41 45 41 N	71 14 35 W	112SRFD	8-30-99	1300	11.15	20
ESSEX COUNTY								
BJW 295	424012070581101	42 40 12 N	70 58 10 W	112SRFD	7-14-99	1200	2.0	20
TQW 107	423916070562401	42 39 15 N	70 56 24 W	112SRFD	8-10-99	1100	18.39	30
MIDDLESEX COUNTY								
BCW 376	423138071141501	42 31 37 N	71 14 15 W	112SRFD	7-13-99	1200	6.70	18
CTW 215	422651071242601	42 26 51 N	71 24 25 W	112SRFD	8-05-99	1100	23.28	35
LWW 171	423325071300301	42 33 25 N	71 30 02 W	112SRFD	8-17-99	1300	9.88	19
NMW 9	421744071115201	42 17 44 N	71 11 51 W	112SRFD	7-15-99	1000	14.78	24
TNW 235	423501071133101	42 35 00 N	71 13 30 W	112SRFD	8-18-99	1500	16.63	30
TNW 236	423527071120601	42 35 25 N	71 12 14 W	112SRFD	8-18-99	0900	9.31	20
NORFOLK COUNTY								
F2W 64	420644071260701	42 06 44 N	71 26 07 W	112SRFD	7-21-99	1200	19.7	32
PLYMOUTH COUNTY								
CDW 149	415317070434701	41 51 16 N	70 43 46 W	112SRFD	8-11-99	1600	6.82	14
CDW 150	415423070442901	41 54 23 N	70 44 29 W	112SRFD	8-11-99	1000	18.0	30
D4W 243	420044070430301	42 00 43 N	70 43 03 W	112SRFD	9-01-99	1000	28.30	40
D4W 244	420134070432301	42 01 34 N	70 43 23 W	112SRFD	8-31-99	1400	11.02	25
EBW 233	420144070541501	42 01 44 N	70 54 14 W	112SRFD	8-03-99	1300	12.66	20
HFW 141	420910070530901	42 09 09 N	70 53 08 W	112SRFD	8-24-99	1300	8.94	15
HFW 149	420607070515501	42 06 07 N	70 51 55 W	112SRFD	8-25-99	0900	5.3	8
MHW 296	420634070444201	42 06 34 N	70 44 42 W	112SRFD	8-23-99	1200	31.87	40
N5W 371	420937070513001	42 09 36 N	70 51 29 W	112SRFD	8-24-99	0900	8.76	15
PEW 351	420239070472201	42 02 39 N	70 47 22 W	112SRFD	7-29-99	1100	12.02	23
PWW 731	415541070443001	41 55 41 N	70 44 29 W	112SRFD	8-04-99	1100	31.86	43
WTW 151	420249071035801	42 02 48 N	71 03 58 W	112SRFD	9-02-99	0900	12.48	18
WORCESTER COUNTY								
WRW 148	421655071360301	42 16 54 N	71 36 03 W	112SRFD	7-20-99	1300	7.4	20

QUALITY OF GROUND-WATER--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
(NATIONAL WATER QUALITY ASSESSMENT PROGRAM)

LOCAL IDENT- I- FIER	DATE	FLOW RATE (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	NITROGEN GAS (MG/L AS N2)
BRISTOL COUNTY										
A8W 36	8-12-99	0.25	172	5.8	24.5	16.7	967	10.1	104	19.4
EMW 294	8-19-99	.25	137	5.2	22.5	13.0	12.7	.3	2.8	23.72
MDW 238	7-22-99	.8	223	5.3	31	12.3	.04	7.8	75	20.9
RAW 139	7-28-99	.75	500	5.5	--	13.1	2.41	.54	5.6	24.7
S9W 279	8-30-99	.25	286	5.3	21.5	16.2	77	2.9	26.3	21.10
ESSEX COUNTY										
BJW 295	7-14-99	1	372	6.45	25	10.0	.15	13.3	124	21.01
TQW 107	8-10-99	.3	494	5.9	22	13.4	65.9	9.3	96	19.42
MIDDLESEX COUNTY										
BCW 376	7-13-99	1	328	5.53	21.0	10.3	2.6	.3	2.5	22.13
CTW 215	8-05-99	.33	827	5.3	23	11.9	.18	3.8	38	20.66
LWV 171	8-17-99	.25	374	5.6	33	14	29.3	1.1	11	22.28
NMW 9	7-15-99	.13	237	5.4	31.0	11.2	24.2	6.6	62	21.25
TNW 235	8-18-99	.33	1,250	5.1	28	14	.2	4.3	42	20.16
TNW 236	8-18-99	.5	460	5.6	28.0	16.2	9.2	.4	4	19.39
NORFOLK COUNTY										
F2W 64	7-21-99	1	226	5.6	28.1	13.3	.07	5.8	56	21.67
PLYMOUTH COUNTY										
CDW 149	8-11-99	.5	117	5.7	23	16.3	124	.25	3	21.14
CDW 150	8-11-99	.25	88.2	5.9	21.5	12.2	6.8	8.6	80	20.4
D4W 243	9-01-99	.5	155	5.3	25.5	11.6	10	8.5	78	20.89
D4W 244	8-31-99	.5	439	4.5	20	11.7	.29	5.1	47	21.36
EBW 233	8-03-99	.5	98	5.5	28	11.1	.22	4.8	42	22.43
HFW 141	8-24-99	.5	250	4.8	29.4	16	14.6	3.7	38	20.38
HFW 149	8-25-99	.1	988	6.1	21.5	19.5	14	1.8	20	9.51
MHW 296	8-23-99	.2	311	4.8	27.5	13.5	3.1	5.8	58	19.76
NSW 371	8-24-99	.25	224	5.4	22	13.6	2.5	2.1	19	21.60
PEW 351	7-29-99	.5	101	5.4	30.5	12.7	.46	7.5	72	21.43
PWW 731	8-04-99	.5	150	5.0	27	12.2	.07	.25	2.5	23.1
WTW 151	9-02-99	.5	2,632	5.5	26.2	17.4	.30	.18	2	13.95
WORCESTER COUNTY										
WRW 148	7-20-99	.5	401	5.4	28.5	11.5	.06	3.2	30	20.87

QUALITY OF GROUND-WATER--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
(NATIONAL WATER QUALITY ASSESSMENT PROGRAM)

LOCAL IDENTIFIER	DATE	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)
BRISTOL COUNTY										
A8W 36	8-12-99	56	13	5.3	6.1	0.4	19	1.8	6	0.0
EMW 294	8-19-99	17	4.7	1.3	18	2	68	1.2	12	.0
MDW 238	7-22-99	53	14	4.6	14	.8	32	6.3	6	.0
RAW 139	7-28-99	77	19	6.8	60	3	62	2.7	11	.0
S9W 279	8-30-99	58	18	3.1	29	2	49	5.3	7	.0
ESSEX COUNTY										
BJW 295	7-14-99	100	33	4.9	28	1	37	1.4	81	.0
TQW 107	8-10-99	71	22	4.0	57	3	63	1.2	16	.0
MIDDLESEX COUNTY										
BCW 376	7-13-99	33	10	1.9	47	4	74	2.0	24	.0
CTW 215	8-05-99	91	19	11	140	6	76	3.9	14	.0
LWW 171	8-17-99	37	12	1.8	54	4	75	2.0	14	.0
NMW 9	7-15-99	49	15	3.1	24	1	50	1.2	18	.0
TNW 235	8-18-99	61	19	3.0	210	12	87	5.4	8	.0
TNW 236	8-18-99	91	26	6.5	47	2	51	4.6	76	.0
NORFOLK COUNTY										
F2W 64	7-21-99	41	12	2.3	24	2	55	1.4	20	.0
PLYMOUTH COUNTY										
CDW 149	8-11-99	8	1.3	1.2	5.0	.8	55	.7	34	.0
CDW 150	8-11-99	16	3.0	1.9	8.7	1	53	1.0	8	.0
D4W 243	9-01-99	17	2.6	2.6	25	3	74	1.3	5	.0
D4W 244	8-31-99	42	9.4	4.4	58	4	74	3.1	2	.0
EBW 233	8-03-99	21	5.2	2.0	8.7	.8	45	1.7	11	.0
HFW 141	8-24-99	12	3.0	1.1	39	5	86	1.1	2	.0
HFW 149	8-25-99	30	8.5	2.0	140	11	90	2.1	85	.0
MHW 296	8-23-99	35	8.9	3.1	42	3	72	.8	9	.0
N5W 371	8-24-99	40	9.5	3.9	26	2	57	1.7	15	.0
PEW 351	7-29-99	22	4.3	2.6	10	1	50	1	13	.0
PWW 731	8-04-99	23	4.8	2.7	17	2	60	.9	6	.0
WTW 151	9-02-99	260	70	20	380	10	75	9.0	129	.0
WORCESTER COUNTY										
WRW 148	7-20-99	38	12	1.7	56	4	74	2.7	9	.0

QUALITY OF GROUND-WATER--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
(NATIONAL WATER QUALITY ASSESSMENT PROGRAM)

LOCAL IDENT- I- FIER	DATE	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CARBON DIOXIDE GAS (MG/L AS CO2)	SULFIDE TOTAL, FIELD (MG/L AS S) (00745)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)
BRISTOL COUNTY										
A8W 36	8-12-99	5	21.2	0.200	20	10	<0.1	0.02	12	109
EMW 294	8-19-99	10	88.11	.007	12	25	<.1	<.01	6.5	77
MDW 238	7-22-99	5	32.4	.005	19	23	<.1	.03	12	135
RAW 139	7-28-99	9	51.3	.001	46	110	<.1	.06	13	275
S9W 279	8-30-99	6	58.64	.048	12	46	<.1	.05	9.8	174
ESSEX COUNTY										
BJW 295	7-14-99	65	31.76	.001	21	61	<.1	.04	12	203
TQW 107	8-10-99	13	30.54	.002	7.3	110	<.1	.04	13	236
MIDDLESEX COUNTY										
BCW 376	7-13-99	19	64.18	.002	17	71	<.1	.03	14	179
CTW 215	8-05-99	12	69.57	.003	28	210	<.1	.04	12	447
LWW 171	8-17-99	11	73.75	.014	13	94	<.1	.03	15	200
NMW 9	7-15-99	15	90.90	.016	12	52	<.1	.02	11	135
TNW 235	8-18-99	7	52.02	.0	28	340	<.1	.08	13	646
TNW 236	8-18-99	63	241.3	.009	17	92	<.1	.20	19	257
NORFOLK COUNTY										
F2W 64	7-21-99	17	61.27	.001	14	39	<.1	.04	11	121
PLYMOUTH COUNTY										
CDW 149	8-11-99	28	154.7	.110	8.4	<.1	<.1	.21	14	--
CDW 150	8-11-99	6	22.5	.003	4.2	14	<.1	.01	9.7	51
D4W 243	9-01-99	4	34.94	.0	10	35	<.1	.04	8.4	92
D4W 244	8-31-99	1	89.4	.008	9.4	110	.4	.04	12	230
EBW 233	8-03-99	9	39.1	.012	11	14	<.1	.02	11	63
HFW 141	8-24-99	2	43.56	.006	15	60	.1	.04	7.0	129
HFW 149	8-25-99	70	170.1	.23	<.1	240	<.1	.09	16	--
MHW 296	8-23-99	7	173.1	--	14	70	<.1	.03	7.7	164
NSW 371	8-24-99	12	51.37	.004	15	46	<.1	.03	11	127
PEW 351	7-29-99	10	39.20	.001	7.5	13	<.1	.02	12	68
PWW 731	8-04-99	5	40.5	.001	11	34	<.1	.03	7.9	84
WTW 151	9-02-99	106	391.5	--	75	730	<.1	.53	7.3	1,420
WORCESTER COUNTY										
WRW 148	7-20-99	8	45.24	.001	11	94	<.1	.05	9.3	211

QUALITY OF GROUND-WATER--Continued

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LOCAL IDENTIFIER	DATE	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)
BRISTOL COUNTY										
A8W 36	8-12-99	<0.01	8.3	<0.02	<0.1	<0.05	<0.01	5	<1	<1
EMW 294	8-19-99	<.01	<.05	<.02	.2	<.004	<.01	204	<1	<1
MDW 238	7-22-99	<.01	8.8	<.02	E.08	.005	<.01	61	<1	<1
RAW 139	7-28-99	<.01	.63	<.02	<.1	.004	<.01	28	<1	<1
S9W 279	8-30-99	<.01	11	<.02	E.06	<.004	<.01	41	<1	<1
ESSEX COUNTY										
BJW 295	7-14-99	<.01	.42	<.02	<.1	<.004	<.01	<1	<1	<1
TQW 107	8-10-99	<.01	3.0	<.02	<.1	.006	<.01	2	<1	<1
MIDDLESEX COUNTY										
BCW 376	7-13-99	<.01	.82	.15	.2	.006	<.01	11	<1	<1
CTW 215	8-05-99	<.01	3.9	<.02	.5	.009	<.01	23	<1	<1
LWW 171	8-17-99	<.01	.25	<.02	<.1	<.004	<.01	24	<1	<1
NMW 9	7-15-99	<.01	1.9	<.02	<.1	.012	.01	44	<1	<1
TNW 235	8-18-99	<.01	4.4	<.02	.1	<.004	<.01	57	<1	<1
TNW 236	8-18-99	<.01	<.05	1.1	1.2	.008	<.01	10	<1	2
NORFOLK COUNTY										
F2W 64	7-21-99	<.01	1.7	<.02	<.1	.004	.01	10	<1	<1
PLYMOUTH COUNTY										
CDW 149	8-11-99	<.01	<.05	.48	.6	.004	<.01	100	<1	<1
CDW 150	8-11-99	<.01	1.1	<.02	<.1	.005	<.01	1	<1	<1
D4W 243	9-01-99	<.01	.98	<.02	<.1	.024	.02	8	<1	<1
D4W 244	8-31-99	<.01	4.6	<.02	<.1	.011	<.01	660	<1	<1
EBW 233	8-03-99	<.01	.68	<.02	<.1	.014	<.01	7	<1	<1
HFW 141	8-24-99	<.01	.41	<.02	E.05	<.004	<.01	511	<1	<1
HFW 149	8-25-99	<.01	<.05	3.3	3.5	.008	<.01	39	<1	2
MHW 296	8-23-99	<.01	2.9	<.02	E.06	.015	<.01	819	<1	<1
N5W 371	8-24-99	<.01	1.5	<.02	E.09	.007	.01	10	<1	<1
PEW 351	7-29-99	<.01	2.5	<.02	<.1	.012	.01	9	<1	<1
PWW 731	8-04-99	<.01	.59	<.02	E.05	<.004	<.01	40	<1	<1
WTW 151	9-02-99	<.01	<.05	3.7	3.3	.007	<.01	45	<2	<1
WORCESTER COUNTY										
WRW 148	7-20-99	<.01	4.3	<.02	.2	<.004	<.01	31	<1	<1

QUALITY OF GROUND-WATER--Continued

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LOCAL IDENT- I- FIER	DATE	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BORON, DIS- SOLVED (UG/L AS B) (01020)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON FERROUS WATER, UNFLTRD, FIELD (UG/L) (99032)
BRISTOL COUNTY										
A8W 36	8-12-99	13	<1	E11.3	<1	<1.0	<1	5	<10	<10
EMW 294	8-19-99	35	<1	25.9	<1	<1.0	<1	2	1,100	1,070
MDW 238	7-22-99	115	<1	28.8	<1	<1.0	<1	<1	<10	<10
RAW 139	7-28-99	79	<1	72.8	<1	<1.0	66	17	4,400	>3,300
S9W 279	8-30-99	117	<1	44.4	<1	<1.0	<1	<1	13	20
ESSEX COUNTY										
BJW 295	7-14-99	22	<1	E8.5	<1	<1.0	<1	<1	<10	10
TQW 107	8-10-99	14	<1	21.3	<1	<1.0	<1	1	E5	70
MIDDLESEX COUNTY										
BCW 376	7-13-99	15	<1	19.9	<1	<1.0	<1	<1	E5	<10
CTW 215	8-05-99	82	<1	42.9	<1	<.8	5	<1	150	<10
LWW 171	8-17-99	41	<1	E11.6	<1	<.8	<1	<1	<10	10
NMW 9	7-15-99	36	<1	E9.5	<1	--	<1	<1	<10	20
TNW 235	8-18-99	77	<1	38.1	<1	<.8	<1	<1	E5	<10
TNW 236	8-18-99	27	<1	22.3	<1	<1.0	38	<1	3,900	>3,300
NORFOLK COUNTY										
F2W 64	7-21-99	40	<1	E14.4	<1	<1.0	<1	<1	<10	<10
PLYMOUTH COUNTY										
CDW 149	8-11-99	9	<1	E8.6	<1	<1.0	4	2	19,000	>3,300
CDW 150	8-11-99	15	<1	E13.8	<1	<1.0	<1	<1	E8	20
D4W 243	9-01-99	28	<1	29.8	<1	<1.0	<1	<1	<10	<10
D4W 244	8-31-99	172	1	25.5	<1	<1.0	7	1	<10	10
EBW 233	8-03-99	8	<1	<16.0	<1	<1.0	<1	<1	<10	10
HFW 141	8-24-99	97	<1	16.7	<1	<1.0	<1	<1	E5	40
HFW 149	8-25-99	89	<1	43.6	<1	1.2	4	<1	38,000	>3,300
MHW 296	8-23-99	103	<1	--	<1	1.1	<1	<1	16	20
N5W 371	8-24-99	20	<1	79.1	<1	<1.0	<1	<1	<10	10
PEW 351	7-29-99	13	<1	E11.2	<1	<1.0	<1	<1	<10	30
PWW 731	8-04-99	39	<1	E8.6	<1	<1.0	1	<1	E5	10
WTW 151	9-02-99	214	<2	42.0	<2	<1.0	95	8	30,000	>3,300
WORCESTER COUNTY										
WRW 148	7-20-99	97	<1	19.5	<1	<1.0	<1	<1	<10	<10

QUALITY OF GROUND-WATER--Continued

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LOCAL IDENTIFIER	DATE	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELENIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRONTIUM, DIS-SOLVED (UG/L AS SR) (01080)	THALLIUM, DIS-SOLVED (UG/L AS TL) (01057)
BRISTOL COUNTY										
A8W 36	8-12-99	<1	E3	18	<1	2	<1	<1	130	<0.5
EMW 294	8-19-99	<1	E3	201	<1	<1	<1	<1	25	<.5
MDW 238	7-22-99	<1	<6	39	<1	<1	<1	<1	130	<.5
RAW 139	7-28-99	<1	<6	119	<1	52	<1	<1	160	<.5
S9W 279	8-30-99	<1	29	74	<1	2	<1	<1	130	<.5
ESSEX COUNTY										
BJW 295	7-14-99	<1	<6	E2	<1	1	<1	<1	77	<.5
TQW 107	8-10-99	<1	E4	6	<1	2	<1	<1	190	<.5
MIDDLESEX COUNTY										
BCW 376	7-13-99	<1	<6	502	<1	<1	<1	<1	95	<.5
CTW 215	8-05-99	<1	<6	81	<1	4	<1	<1	230	<.5
LWW 171	8-17-99	<1	<4	62	<1	1	<1	<1	100	<.5
NMW 9	7-15-99	<1	<6	22	<1	2	<1	<1	150	<.5
TNW 235	8-18-99	<1	<4	13	<1	1	<1	<1	130	<.5
TNW 236	8-18-99	<1	4	2,220	<1	3	<1	<1	260	<.5
NORFOLK COUNTY										
F2W 64	7-21-99	<1	<6	14	<1	<1	<1	<1	84	<.5
PLYMOUTH COUNTY										
CDW 149	8-11-99	<1	<6	125	<1	1	<1	<1	13	<.5
CDW 150	8-11-99	<1	<6	63	<1	3	<1	<1	37	<.5
D4W 243	9-01-99	<1	8	4	<1	<1	<1	<1	38	<.5
D4W 244	8-31-99	<1	4	1,150	<1	6	<1	<1	93	<.5
EBW 233	8-03-99	<1	<6	1	<1	1	<1	<1	45	<.5
HPW 141	8-24-99	<1	E4	73	<1	1	<1	<1	29	<.5
HPW 149	8-25-99	<1	E2	2,710	<1	3	<1	<1	86	<.5
MHW 296	8-23-99	<1	--	96	<1	3	<1	<1	--	<.5
N5W 371	8-24-99	<1	E2	3	<1	<1	<1	<1	69	<.5
PEW 351	7-29-99	<1	<6	70	<1	2	<1	<1	43	<.5
PWW 731	8-04-99	<1	<6	53	<1	1	<1	<1	33	<.5
WTW 151	9-02-99	<2	<12	28,200	<2	12	<1	<2	290	<.5
WORCESTER COUNTY										
WRW 148	7-20-99	<1	<6	39	<1	2	<1	<1	96	<.5

QUALITY OF GROUND-WATER--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
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LOCAL IDENT- I- FIER	DATE	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	RADON 222 TOTAL (PCI/L) (82303)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	METHANE GAS (UG/L AS CH4)	BROMO- DI- CHLORO- METHANE TOTAL (UG/L) (32101)	1,2-DI- CHLORO- ETHANE TOTAL (UG/L) (32103)
BRISTOL COUNTY										
A8W 36	8-12-99	<10	2	<1	36	720	0.4	0.0	<0.048	<0.13
EMW 294	8-19-99	<10	7	<1	28	820	5.0	70.6	<.048	<.13
MDW 238	7-22-99	<10	2	<1	40	790	.7	.0	<.048	<.13
RAW 139	7-28-99	<10	83	<1	23	480	.4	.0	<.048	<.13
S9W 279	8-30-99	<10	<1	<1	25	580	1.6	.0	<.048	<.13
ESSEX COUNTY										
BJW 295	7-14-99	<10	<1	<1	36	1,100	.4	.0	<.048	<.13
TQW 107	8-10-99	<10	2	<1	29	810	.4	.0	<.048	<.13
MIDDLESEX COUNTY										
BCW 376	7-13-99	<10	<1	<1	34	1,300	.8	.0	<.048	<.13
CTW 215	8-05-99	<10	2	<1	40	970	1.7	.0	<.048	<.13
LWW 171	8-17-99	<10	<1	<1	26	680	.5	.0	<.048	<.13
NMW 9	7-15-99	<10	2	<1	29	780	.7	.0	<.048	<.13
TNW 235	8-18-99	<10	<1	<1	20	370	.8	.0	E.0216	<.13
TNW 236	8-18-99	<10	7	<1	25	580	2.6	113.4	<.048	.449
NORFOLK COUNTY										
F2W 64	7-21-99	<10	<1	<1	27	720	.6	.0	<.048	<.13
PLYMOUTH COUNTY										
CDW 149	8-11-99	<10	14	<1	23	430	6.4	703.	<.048	<.13
CDW 150	8-11-99	<10	2	<1	29	850	.3	.0	<.048	<.13
D4W 243	9-01-99	<10	<1	<1	29	640	.4	.0	<.048	<.13
D4W 244	8-31-99	<10	32	<1	34	1,300	.7	.0	<.048	<.13
EBW 233	8-03-99	<10	<1	<1	22	360	.7	.0	<.048	<.13
HFW 141	8-24-99	<10	2	<1	28	680	1.3	.0	<.048	<.13
HFW 149	8-25-99	<10	2	<1	17	160	5.6	9,253	<.048	<.13
MHW 296	8-23-99	--	2	<1	19	280	1.3	.0	<.048	<.13
N5W 371	8-24-99	<10	<1	<1	34	1,300	.7	.0	<.048	<.13
PEW 351	7-29-99	<10	1	<1	29	890	.4	.0	<.048	<.13
PWW 731	8-04-99	<10	2	<1	27	580	.5	.9	<.048	<.13
WTW 151	9-02-99	<30	17	<2	21	340	14	3,260	<.048	<.13
WORCESTER COUNTY										
WRW 148	7-20-99	<10	2	<1	24	500	.8	.000	<.048	<.13

QUALITY OF GROUND-WATER--Continued

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LOCAL IDENT- I- FIER	DATE	CHLORO-FORM TOTAL (UG/L) (32106)	BENZENE TOTAL (UG/L) (34030)	CHLORO-BENZENE TOTAL (UG/L) (34301)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)
BRISTOL COUNTY									
A8W 36	8-12-99	<0.052	<0.1	<0.028	<0.1	<0.066	<0.044	<0.032	<0.068
EMW 294	8-19-99	<.052	<.1	<.028	<.1	<.066	<.044	<.032	<.068
MDW 238	7-22-99	.165	<.1	<.028	<.1	<.066	<.044	<.032	<.068
RAW 139	7-28-99	.111	<.1	<.028	<.1	<.066	<.044	<.032	<.068
S9W 279	8-30-99	E.0610	<.1	<.028	E.0867	E.0309	.156	1.29	<.068
ESSEX COUNTY									
BJW 295	7-14-99	E.0424	<.1	<.028	<.1	<.066	<.044	<.032	<.068
TQW 107	8-10-99	E.0155	<.1	<.028	<.1	<.066	<.044	<.032	<.068
MIDDLESEX COUNTY									
BCW 376	7-13-99	<.052	<.1	<.028	<.1	E.0530	<.044	E.0206	<.068
CTW 215	8-05-99	E.0113	<.1	<.028	.706	<.066	<.044	<.032	<.068
LWW 171	8-17-99	<.052	<.1	<.028	<.1	<.066	<.044	<.032	<.068
NMW 9	7-15-99	E.0278	<.1	<.028	E.0085	<.066	<.044	E.00844	<.068
TNW 235	8-18-99	.702	<.1	<.028	E.0187	<.066	<.044	<.032	<.068
TNW 236	8-18-99	<.052	.195	E.00568	E.0976	.624	E.0697	<.032	.559
NORFOLK COUNTY									
F2W 64	7-21-99	E.0112	<.1	<.028	E.00876	<.066	<.044	<.032	<.068
PLYMOUTH COUNTY									
CDW 149	8-11-99	<.052	<.1	<.028	<.1	<.066	<.044	<.032	<.068
CDW 150	8-11-99	.137	<.1	<.028	<.1	<.066	<.044	<.032	<.068
D4W 243	9-01-99	.369	<.1	<.028	<.1	<.066	<.044	E.0183	<.068
D4W 244	8-31-99	E.0593	<.1	<.028	.197	<.066	<.044	<.032	<.068
EBW 233	8-03-99	E.0217	<.1	<.028	<.1	E.0227	<.044	.272	<.068
HFW 141	8-24-99	.174	<.1	<.028	<.1	<.066	<.044	<.032	<.068
HFW 149	8-25-99	<.052	<.1	<.028	<.1	<.066	<.044	<.032	<.068
MHW 296	8-23-99	E.035	<.1	<.028	E.0195	<.066	<.044	E.0307	<.068
N5W 371	8-24-99	.264	<.1	<.028	E.0428	E.0232	<.044	E.0782	<.068
PEW 351	7-29-99	E.0483	<.1	<.028	E.0103	<.066	<.044	<.032	<.068
PWW 731	8-04-99	.164	<.1	<.028	E.017	<.066	<.044	<.032	<.068
WTW 151	9-02-99	<.052	1.59	<.028	<.1	<.066	<.044	<.032	<.068
WORCESTER COUNTY									
WRW 148	7-20-99	E.0898	<.1	<.028	E.0252	.475	.137	3.51	<.068

QUALITY OF GROUND-WATER--Continued

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LOCAL IDENT- I- FIER	DATE	TRANS- 1,2-DI- CHLORO- ETHENE TOTAL (UG/L) (34546)	BENZENE 1,4-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34571)	DI- CHLORO- DI- FLUORO- METHANE TOTAL (UG/L) (34668)	VINYL CHLO- RIDE TOTAL (UG/L) (39175)	TRI- CHLORO- ETHYL- ENE TOTAL (UG/L) (39180)	ISO- DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ETHER TERT- BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT- PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)
BRISTOL COUNTY									
A8W 36	8-12-99	<0.032	<0.05	<0.14	<0.11	<0.038	<0.2	<0.054	<0.11
EMW 294	8-19-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
MDW 238	7-22-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
RAW 139	7-28-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
S9W 279	8-30-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
ESSEX COUNTY									
BJW 295	7-14-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
TQW 107	8-10-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
MIDDLESEX COUNTY									
BCW 376	7-13-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
CTW 215	8-05-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	.21
LWV 171	8-17-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
NMW 9	7-15-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
TNW 235	8-18-99	<.032	E.00607	<.14	<.11	<.038	<.2	<.054	<.11
TNW 236	8-18-99	E.0222	<.05	E.128	.157	1.08	<.2	<.054	<.11
NORFOLK COUNTY									
F2W 64	7-21-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	.123
PLYMOUTH COUNTY									
CDW 149	8-11-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
CDW 150	8-11-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
D4W 243	9-01-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	E.09
D4W 244	8-31-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
EBW 233	8-03-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
HFW 141	8-24-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
HFW 149	8-25-99	<.032	<.05	<.14	<.11	<.038	E.0538	<.054	<.11
MHW 296	8-23-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
NSW 371	8-24-99	<.032	<.05	<.14	<.11	E.0171	<.2	<.054	<.11
PEW 351	7-29-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
PWW 731	8-04-99	<.032	<.05	<.14	<.11	<.038	<.2	<.054	<.11
WTW 151	9-02-99	<.032	<.05	<.14	.154	<.038	<.2	E.0239	40.2
WORCESTER COUNTY									
WRW 148	7-20-99	<.032	E.0126	<.14	<.11	<.038	<.2	<.054	.141

QUALITY OF GROUND-WATER--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
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LOCAL IDENT- I- FIER	DATE	CIS-1,2 -DI- CHLORO- ETHENE WATER TOTAL (UG/L) (77093)	STYRENE TOTAL (UG/L) (77128)	O- XYLENE WATER WHOLE TOTAL (UG/L) (77135)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	BENZENE 123-TRI METHYL- WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	ISO- PROPYL- BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
BRISTOL COUNTY									
A8W 36	8-12-99	<0.038	<0.042	<0.06	<0.1	<0.12	<0.056	<0.032	<0.042
EMW 294	8-19-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
MDW 238	7-22-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
RAW 139	7-28-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
S9W 279	8-30-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
ESSEX COUNTY									
BJW 295	7-14-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
TQW 107	8-10-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
MIDDLESEX COUNTY									
BCW 376	7-13-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
CTW 215	8-05-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
LWW 171	8-17-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
NMW 9	7-15-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
TNW 235	8-18-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
TNW 236	8-18-99	1.77	<.042	<.06	<.1	<.12	<.056	<.032	<.042
NORFOLK COUNTY									
F2W 64	7-21-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
PLYMOUTH COUNTY									
CDW 149	8-11-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
CDW 150	8-11-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
D4W 243	9-01-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
D4W 244	8-31-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
EBW 233	8-03-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
HFW 141	8-24-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
HFW 149	8-25-99	<.038	E.0136	.345	.159	.325	.930	E.0257	E.0118
MHW 296	8-23-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
N5W 371	8-24-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
PEW 351	7-29-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
PWW 731	8-04-99	<.038	<.042	<.06	<.1	<.12	<.056	<.032	<.042
WTW 151	9-02-99	E.0694	<.042	E.0350	E.0399	E.0494	<.056	E.0102	<.042
WORCESTER COUNTY									
WRW 148	7-20-99	<.038	<.042	<.06	<.1	<.12	E.0115	<.032	<.042

QUALITY OF GROUND-WATER--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
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LOCAL IDENT- I- FIER	DATE	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	O- CHLORO- TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	BENZENE SEC BUTYL- WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT- BUTYL- WATER UNFLTRD REC (UG/L) (77353)	P-ISO- PROPYL- TOLUENE WATER WHOLE REC (UG/L) (77356)	METHYL TERT- BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	DI-ISO- PROPYL- ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
BRISTOL COUNTY									
A8W 36	8-12-99	<.044	<.042	<.048	<.1	<.11	<.17	<.17	<.098
EMW 294	8-19-99	<.044	<.042	<.048	<.1	E.00904	.271	<.17	<.098
MDW 238	7-22-99	<.044	<.042	<.048	<.1	<.11	.904	<.17	<.098
RAW 139	7-28-99	<.044	<.042	<.048	<.1	<.11	.191	<.17	<.098
S9W 279	8-30-99	<.044	<.042	<.048	<.1	<.11	.302	<.17	<.098
ESSEX COUNTY									
BJW 295	7-14-99	<.044	<.042	<.048	<.1	<.11	E.0522	<.17	<.098
TQW 107	8-10-99	<.044	<.042	<.048	<.1	<.11	<.17	<.17	<.098
MIDDLESEX COUNTY									
BCW 376	7-13-99	<.044	<.042	<.048	<.1	<.11	1.82	<.17	<.098
CTW 215	8-05-99	<.044	<.042	<.048	<.1	<.11	9.81	1.22	<.098
LWW 171	8-17-99	<.044	<.042	<.048	<.1	<.11	<.17	<.17	<.098
NMW 9	7-15-99	<.044	<.042	<.048	<.1	<.11	.211	<.17	<.098
TNW 235	8-18-99	<.044	<.042	<.048	<.1	<.11	<.17	<.17	<.098
TNW 236	8-18-99	<.044	E.0490	E.0108	<.1	<.11	1.77	<.17	.169
NORFOLK COUNTY									
F2W 64	7-21-99	<.044	<.042	<.048	<.1	<.11	1.59	<.17	<.098
PLYMOUTH COUNTY									
CDW 149	8-11-99	<.044	<.042	<.048	<.1	<.11	<.17	<.17	<.098
CDW 150	8-11-99	<.044	<.042	<.048	<.1	<.11	<.17	<.17	<.098
D4W 243	9-01-99	<.044	<.042	<.048	<.1	<.11	E.0560	<.17	<.098
D4W 244	8-31-99	<.044	<.042	<.048	<.1	<.11	<.17	<.17	<.098
EBW 233	8-03-99	<.044	<.042	<.048	<.1	<.11	<.17	<.17	<.098
HFV 141	8-24-99	<.044	<.042	<.048	<.1	<.11	<.17	<.17	<.098
HFV 149	8-25-99	.251	<.042	E.0123	<.1	E.0321	<.17	<.17	<.098
MHW 296	8-23-99	<.044	<.042	<.048	<.1	.132	<.17	<.17	<.098
NSW 371	8-24-99	<.044	<.042	<.048	<.1	E.0111	E.0576	<.17	<.098
PEW 51	7-29-99	<.044	<.042	<.048	<.1	<.11	<.17	<.17	<.098
PWW 731	8-04-99	<.044	<.042	<.048	<.1	<.11	<.17	<.17	<.098
WTW 151	9-02-99	<.044	<.042	E.0842	E.00862	<.11	267	<.17	<.098
WORCESTER COUNTY									
WRW 148	7-20-99	<.044	<.042	<.048	<.1	<.11	4.88	<.17	<.098

QUALITY OF GROUND-WATER--Continued

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LOCAL IDENTIFIER	DATE	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	ARGON GAS (MG/L AS A)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	ETHANE 12DICL SURROG VOC UNFLTRD REC PERCENT (99832)	TOLUENE D8 SURROG VOC UNFLTRD REC PERCENT (99833)
BRISTOL COUNTY									
A8W 36	8-12-99	<1.6	<9	0.697	-48.0	-7.80	<0.06	105	99.6
EMW 294	8-19-99	<1.6	<9	.78	-43.3	-7.13	<.06	101	98.2
MDW 238	7-22-99	<1.6	<9	.741	-46.5	-7.70	<.06	105	106
RAW 139	7-28-99	<1.6	<9	.717	-48.3	-7.89	<.06	91.6	100
S9W 279	8-30-99	<1.6	<9	.741	-47.4	-7.66	<.06	105	98.9
ESSEX COUNTY									
BJW 295	7-14-99	<1.6	<9	.723	-52.5	-8.23	<.06	110	99.9
TQW 107	8-10-99	<1.6	<9	.706	-55.3	-8.89	<.06	97.8	94.2
MIDDLESEX COUNTY									
BCW 376	7-13-99	<1.6	<9	--	-54.7	-8.62	<.06	106	98.3
CTW 215	8-05-99	<1.6	<9	.743	-56.2	-8.80	<.06	102	98.8
LWW 171	8-17-99	<1.6	<9	.804	-57.83	-8.87	<.06	97.2	104
NMW 9	7-15-99	<1.6	<9	.753	-46.8	-7.74	<.06	107	101
TNW 235	8-18-99	<1.6	<9	.706	-57.6	-8.94	<.06	99.3	97.3
TNW 236	8-18-99	<18.2	<9	.596	-54.0	-8.41	<.06	93.2	101
NORFOLK COUNTY									
F2W 64	7-21-99	<1.6	<9	.752	-47.3	-7.58	<.06	101	99.3
PLYMOUTH COUNTY									
CDW 149	8-11-99	<1.6	<9	.737	-46.0	-7.45	<.06	107	99.0
CDW 150	8-11-99	<1.6	<9	.743	-50.0	-8.03	<.06	102	97.0
D4W 243	9-01-99	<1.6	<9	.754	-50.4	-8.04	<.06	102	100
D4W 244	8-31-99	<1.6	<9	.740	-41.5	-7.08	<.06	108	102
EBW 233	8-03-99	<1.6	<9	.770	-44.4	-7.37	<.06	99.7	99.8
HFV 141	8-24-99	<1.6	<9	.717	-38.7	-6.56	<.06	96.9	100
HFV 149	8-25-99	<1.6	<9	.446	-41.0	-7.10	E.133	102	101
MHW 296	8-23-99	<1.6	<9	.683	-45.3	-7.31	<.06	100	98.7
N5W 371	8-24-99	<1.6	<9	.750	-49.3	-8.04	<.06	94.6	101
PEW 351	7-29-99	<1.6	<9	.758	-51.2	-8.08	<.06	103	96.9
PWW 731	8-04-99	<1.6	<9	.738	-46.2	-7.41	<.06	99.2	98.5
WTW 151	9-02-99	<1.6	E1.31	.497	-48.0	-7.79	E.0389	110	96.6
WORCESTER COUNTY									
WRW 148	7-20-99	<1.6	<9	.739	-56.0	-8.70	<.06	100	99.2

QUALITY OF GROUND-WATER--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
(NATIONAL WATER QUALITY ASSESSMENT PROGRAM)

LOCAL IDENT- I- FIER	DATE	BENZENE 14BRFL- SURROG VOC UNFLTRD REC PERCENT (99834)	P,P' DDE DISSOLV (UG/L) (34653)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	HCH ALPHA D6 SRG WAT FLT 0.7 U GF, REC PERCENT (91065)	DIAZ- INON D10 SRG WAT FLT 0.7 U GF, REC PERCENT (91063)
BRISTOL COUNTY									
A8W 36	8-12-99	91.4	<0.006	<0.001	<0.002	<0.002	<0.010	97.6	103
EMW 294	8-19-99	94.8	<0.006	<0.001	<0.002	<0.002	<0.010	91.5	115
MDW 238	7-22-99	109	E.00095	<0.001	E.0012	<0.002	<.0767	98.5	100
RAW 139	7-28-99	94.0	<0.006	<0.001	<0.002	<0.002	<0.010	99.9	105
S9W 279	8-30-99	90.3	<0.006	.0049	E.0053	<0.002	<0.010	101	108
ESSEX COUNTY									
BJW 295	7-14-99	98.9	E.0011	<0.001	<0.002	<0.002	<0.010	88.4	105
TQW 107	8-10-99	87.4	<0.006	<0.001	<0.002	<0.002	<0.010	99.4	99.2
MIDDLESEX COUNTY									
BCW 376	7-13-99	93.5	<0.006	<0.001	<0.002	<0.002	<.0767	95.9	101
CTW 215	8-05-99	92.4	<0.006	.0062	E.0051	<0.002	.0152	92.8	86.2
LWV 171	8-17-99	95.2	<0.006	<0.001	<0.002	<0.002	<0.010	108	123
NMW 9	7-15-99	97.4	E.00058	<0.001	<0.002	<0.002	<0.010	95.4	99.6
TNW 235	8-18-99	93.9	<0.006	<0.001	<0.002	<0.002	<0.010	101	121
TNW 236	8-18-99	94.1	E.0014	<0.001	<0.002	<0.002	<0.010	106	107
NORFOLK COUNTY									
F2W 64	7-21-99	86.7	<0.006	<0.001	<0.002	<0.002	<0.010	94.7	92.6
PLYMOUTH COUNTY									
CDW 149	8-11-99	88.5	<0.006	<0.001	<0.002	<0.002	<0.010	95.0	92.3
CDW 150	8-11-99	84.2	<0.006	<0.001	<0.002	E.0018	<0.010	86.3	95.3
D4W 243	9-01-99	88.5	<0.006	<0.001	<0.002	<0.002	<0.010	103	109
D4W 244	8-31-99	87.9	<0.006	<0.001	<0.002	<0.002	<0.010	85.9	81.1
EBW 233	8-03-99	93.8	<0.006	.0064	E.0099	<0.002	<0.010	95.4	95.9
HFW 141	8-24-99	91.0	<0.006	<0.001	<0.002	<0.002	<0.010	96.2	101
HFW 149	8-25-99	92.4	E.0022	<0.001	<0.002	<0.002	<0.010	80.2	112
MHW 296	8-23-99	91.7	E.0014	<0.001	<0.002	.0041	<0.010	89.4	108
N5W 371	8-24-99	93.3	<0.006	<0.001	<0.002	<0.002	<0.010	90.9	99.5
PEW 351	7-29-99	86.2	<0.006	<0.001	<0.002	<0.002	<0.010	93.9	113
PWW 731	8-04-99	89.7	<0.006	<0.001	<0.002	<0.002	<0.010	94.8	105
WTW 151	9-02-99	86.4	<0.006	<0.001	<0.002	<0.002	<0.010	55.2	98.7
WORCESTER COUNTY									
WRW 148	7-20-99	85.6	<0.006	<0.001	<0.002	<0.002	<0.010	103	107