

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, 11.90 ft below land-surface datum, Sep. 26, 1957.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	11.55	DEC 30	8.96	FEB 24	6.35	APR 27	7.03	JUN 29	7.59	AUG 24	10.71
NOV 28	9.51	JAN 29	6.28	MAR 26	6.26	MAY 29	7.73	JUL 30	9.69	SEP 29	10.78

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.

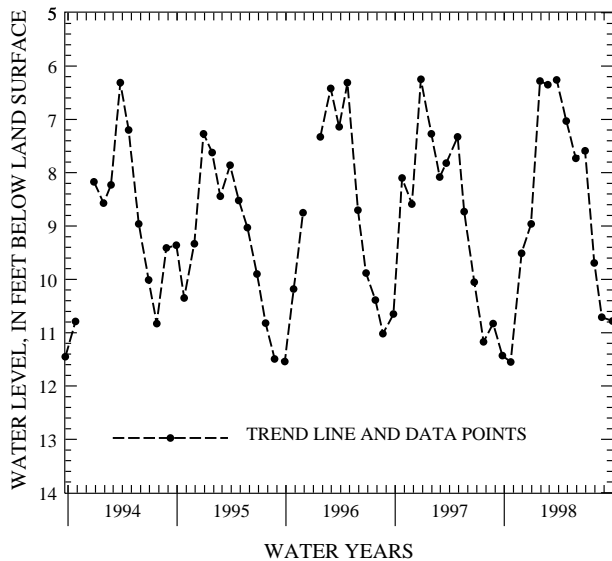
PERIOD OF RECORD.--October 1961 to current year.

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

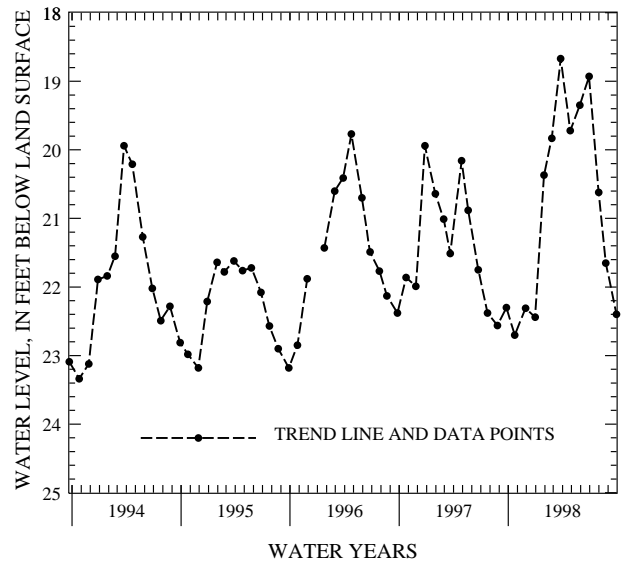
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	22.70	DEC 30	22.44	FEB 24	19.83	APR 27	19.72	JUN 29	18.93	AUG 24	21.65
NOV 28	22.31	JAN 29	20.37	MAR 26	18.67	MAY 29	19.35	JUL 31	20.62	SEP 29	22.40

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, 5.19 ft below land-surface datum, Aug. 28, 1995.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	4.73	DEC 22	2.86	FEB 24	2.59	APR 21	2.57	JUN 24	2.68	AUG 20	4.40
NOV 24	2.65	JAN 21	2.63	MAR 24	2.44	MAY 20	2.67	JUL 24	3.53	SEP 24	3.20

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 Senitor 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.

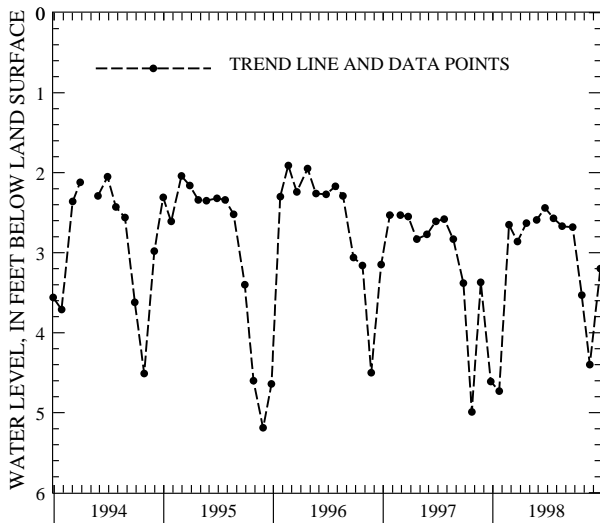
PERIOD OF RECORD.--April 1949 to December 1955, November 1990 to current year.

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 1997 TO SEPTEMBER 1998

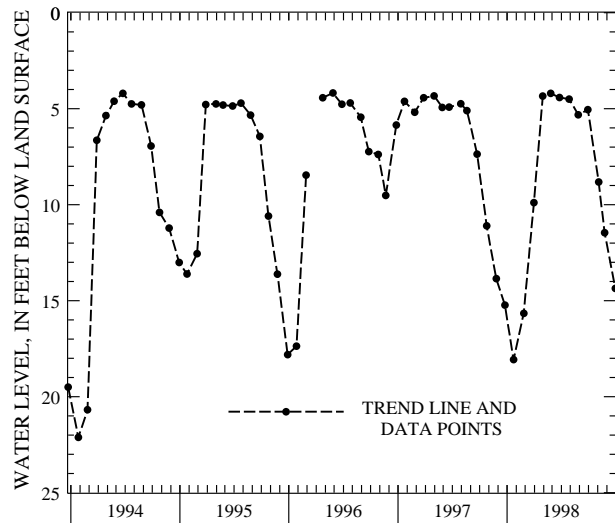
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	18.07	DEC 30	9.89	FEB 24	4.20	APR 27	4.50	JUN 29	5.05	AUG 24	11.46
NOV 26	15.66	JAN 29	4.34	MAR 26	4.42	MAY 28	5.32	AUG 04	8.82	SEP 29	14.36

COVENTRY 466 WELL



WATER YEARS

WARWICK 59 WELL



WATER YEARS

GROUND-WATER LEVELS IN RHODE ISLAND

KENT COUNTY--Continued

413907071465001. West Greenwich well WGW 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 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	16.80	DEC 30	15.46	FEB 24	13.98	APR 27	14.39	JUN 29	13.89	AUG 24	16.27
NOV 28	15.29	JAN 29	13.29	MAR 26	13.65	MAY 29	15.06	AUG 04	15.92	SEP 29	16.48

413645071332901. West Greenwich well WGW 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.

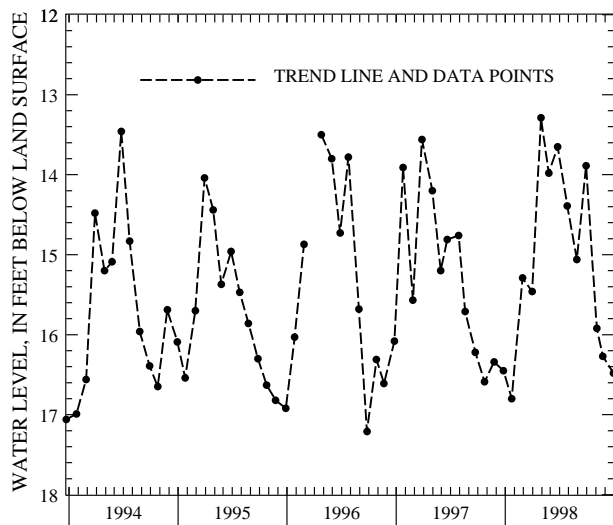
PERIOD OF RECORD.--October 1955 to June 1960, January 1989 to current year.

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 1997 TO SEPTEMBER 1998

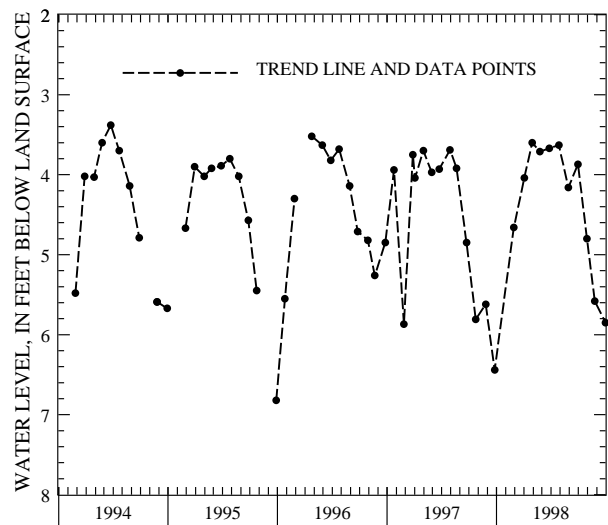
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	dry	JAN 02	4.04	FEB 23	3.71	APR 27	3.63	JUN 30	3.87	AUG 25	5.58
NOV 28	4.66	28	3.60	MAR 26	3.67	MAY 29	4.16	JUL 30	4.80	SEP 30	5.85

WEST GREENWICH 181 WELL



WATER YEARS

WEST GREENWICH 206 WELL



WATER YEARS

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 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	17.52	DEC 22	12.87	FEB 23	5.52	APR 21	10.46	JUN 25	7.72	AUG 20	17.69
NOV 24	11.99	JAN 22	7.15	MAR 24	6.84	MAY 21	8.64	JUL 24	14.52	SEP 25	18.35

4133250711152401. 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.

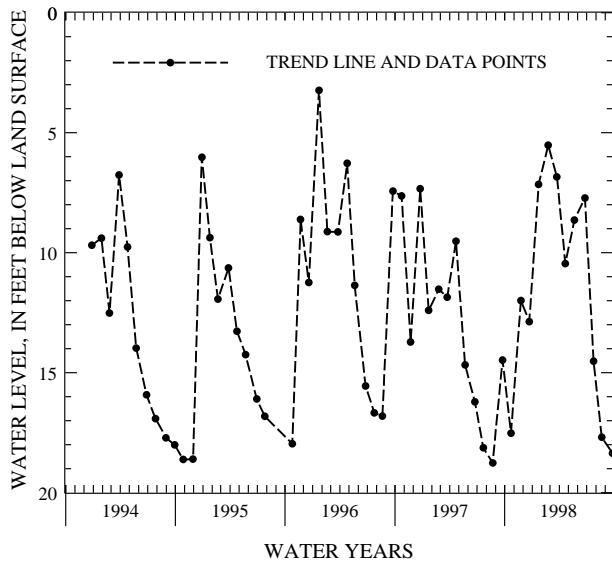
PERIOD OF RECORD.--September 1992 to current year.

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.

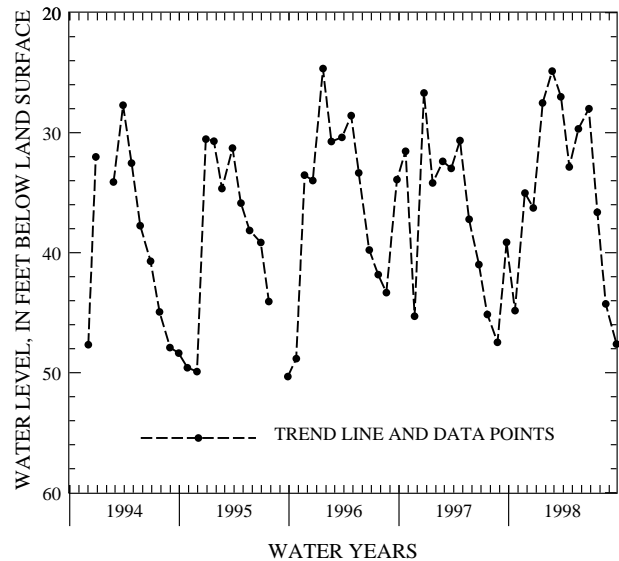
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	44.84	DEC 22	36.27	FEB 23	24.86	APR 21	32.85	JUN 25	28.00	AUG 20	44.28
NOV 24	35.02	JAN 22	27.52	MAR 24	27.00	MAY 21	29.68	JUL 23	36.63	SEP 25	47.61

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 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	10.36	DEC 22	3.25	FEB 23	1.06	APR 21	.92	JUN 25	1.82	AUG 20	8.34
NOV 24	3.04	JAN 22	1.11	MAR 24	.97	MAY 21	1.81	JUL 24	5.05	SEP 25	7.71

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.

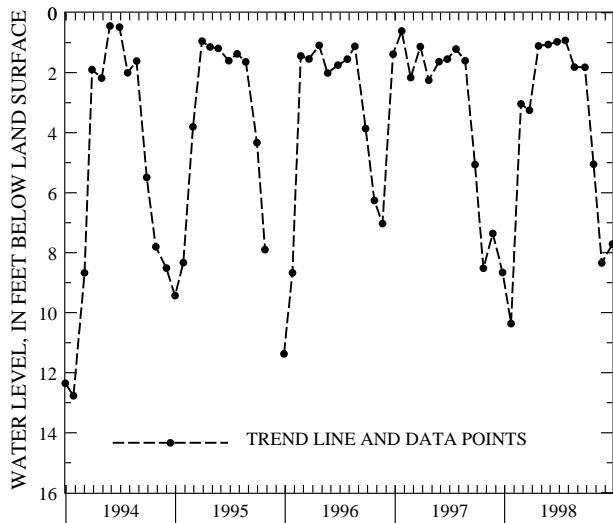
PERIOD OF RECORD.--January 1968 to current year.

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 1997 TO SEPTEMBER 1998

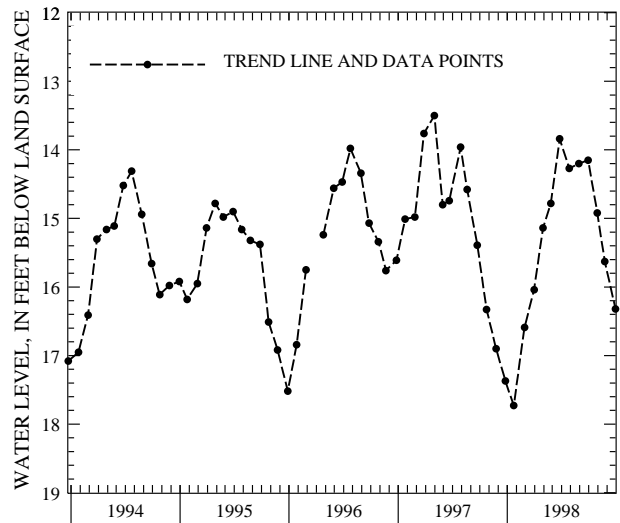
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	17.73	DEC 30	16.04	FEB 24	14.78	APR 27	14.27	JUN 29	14.15	AUG 24	15.63
NOV 28	16.59	JAN 29	15.14	MAR 26	13.84	MAY 29	14.20	JUL 30	14.92	SEP 29	16.32

TIVERTON 274 WELL



WATER YEARS

BURRILLVILLE 187 WELL



WATER YEARS

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, 13.40 ft below land-surface datum, Oct. 24, 1997.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	13.40	DEC 23	9.07	FEB 23	5.81	APR 21	6.11	JUN 25	6.20	AUG 24	9.62
NOV 25	11.27	JAN 22	6.15	MAR 24	5.67	MAY 20	5.90	JUL 24	7.43	SEP 25	10.69

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.

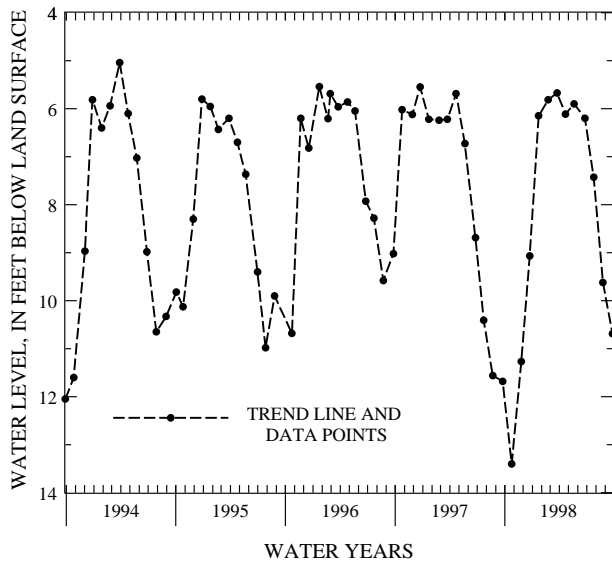
PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.32 ft below land-surface datum, Mar. 28, 1994; lowest measured, 7.16 ft below land-surface datum, Oct. 24, 1997.

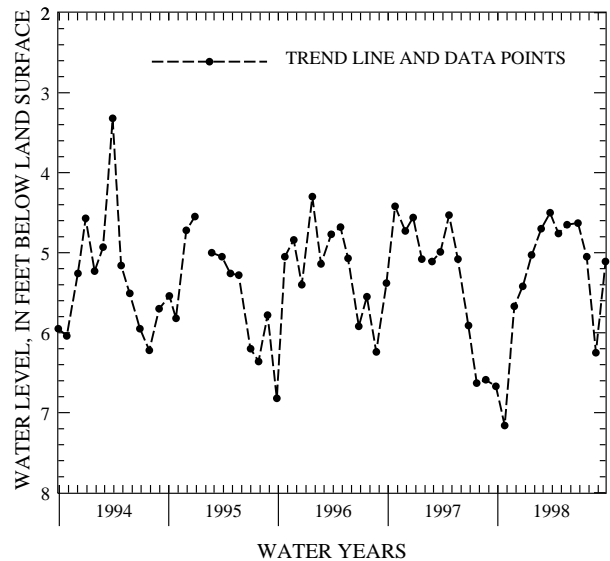
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	7.16	DEC 23	5.42	FEB 23	4.70	APR 21	4.76	JUN 25	4.63	AUG 24	6.25
NOV 25	5.67	JAN 22	5.03	MAR 24	4.50	MAY 20	4.65	JUL 24	5.05	SEP 25	5.11

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.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	dry	DEC 23	dry	FEB 23	10.91	APR 21	10.98	JUN 25	10.25	AUG 24	19.22
NOV 25	dry	JAN 22	14.00	MAR 24	8.22	MAY 20	9.32	JUL 24	14.64	SEP 25	21.48

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.

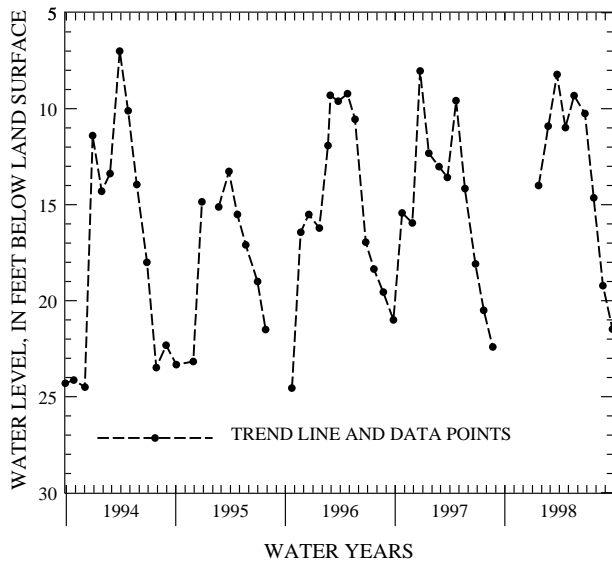
PERIOD OF RECORD.--September 1992 to current year.

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.

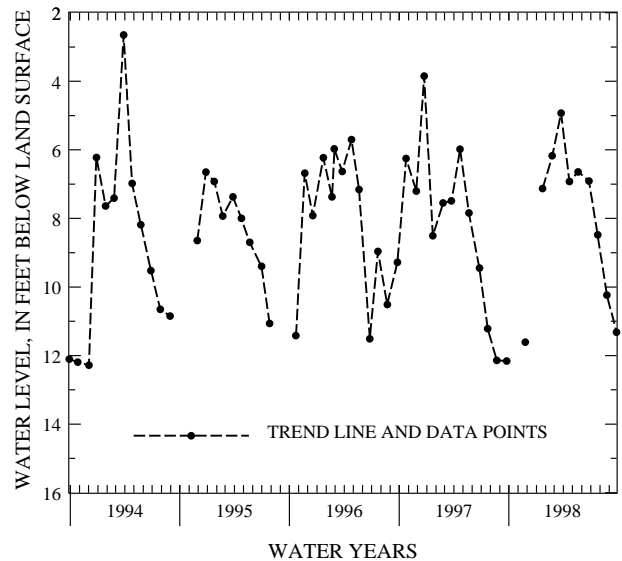
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	dry	DEC 23	dry	FEB 23	6.17	APR 21	6.92	JUN 25	6.91	AUG 24	10.24
NOV 25	11.61	JAN 22	7.13	MAR 24	4.93	MAY 20	6.64	JUL 24	8.48	SEP 25	11.32

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, 20.56 ft below land-surface datum, Sept. 28, 1993.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	20.18	DEC 23	19.61	FEB 24	6.05	APR 21	7.02	JUN 24	8.59	AUG 20	17.62
NOV 24	19.27	JAN 21	11.26	MAR 24	4.57	MAY 20	5.67	JUL 24	14.01	SEP 24	19.09

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.

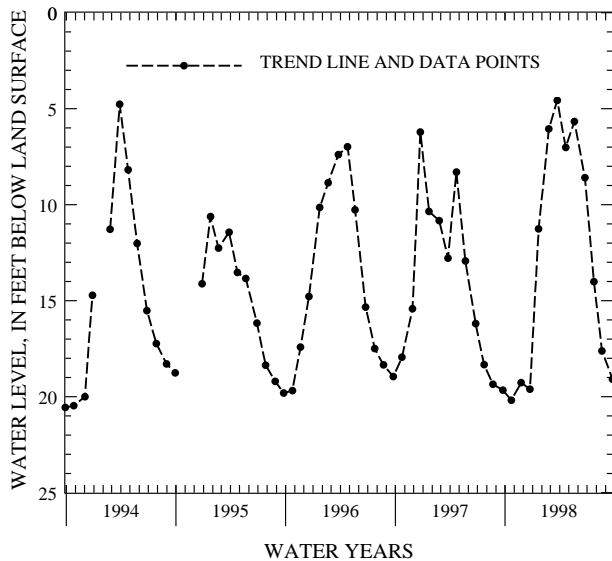
PERIOD OF RECORD.--August 1946 to current year.

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.

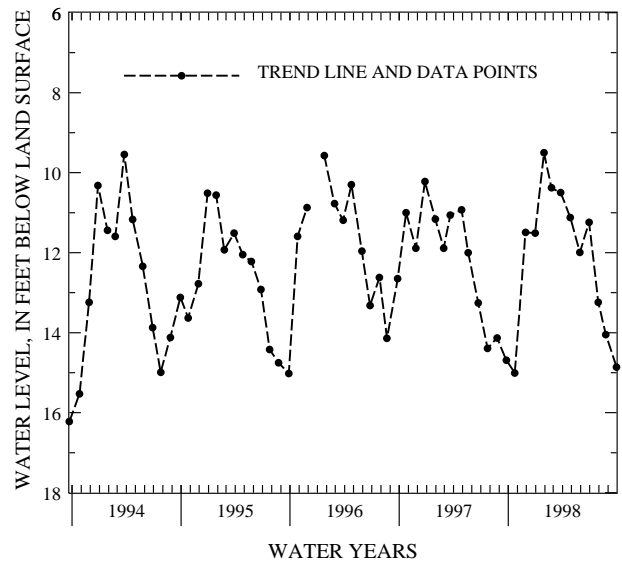
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	15.01	DEC 30	11.51	FEB 23	10.38	APR 27	11.12	JUN 29	11.24	AUG 24	14.05
NOV 28	11.49	JAN 29	9.50	MAR 26	10.50	MAY 29	11.99	JUL 30	13.24	SEP 29	14.86

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 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	10.65	DEC 30	2.35	FEB 24	1.94	APR 27	3.80	JUN 29	4.68	AUG 24	8.91
NOV 26	3.78	JAN 29	3.20	MAR 26	3.21	MAY 29	5.82	JUL 30	7.90	SEP 29	7.94

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.

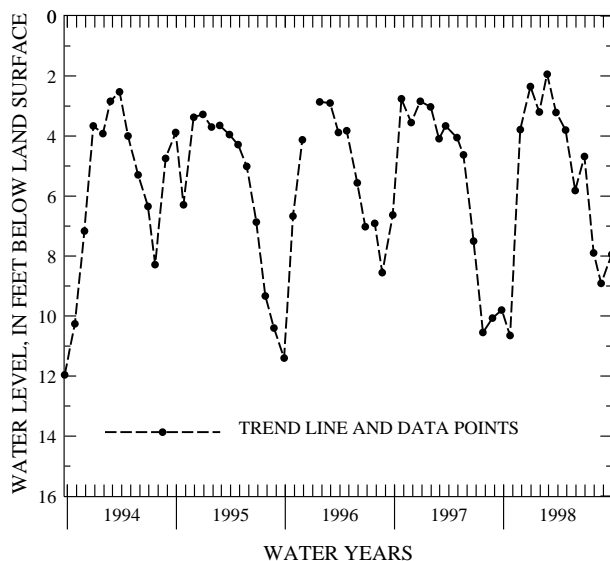
PERIOD OF RECORD.--September 1992 to current year.

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.

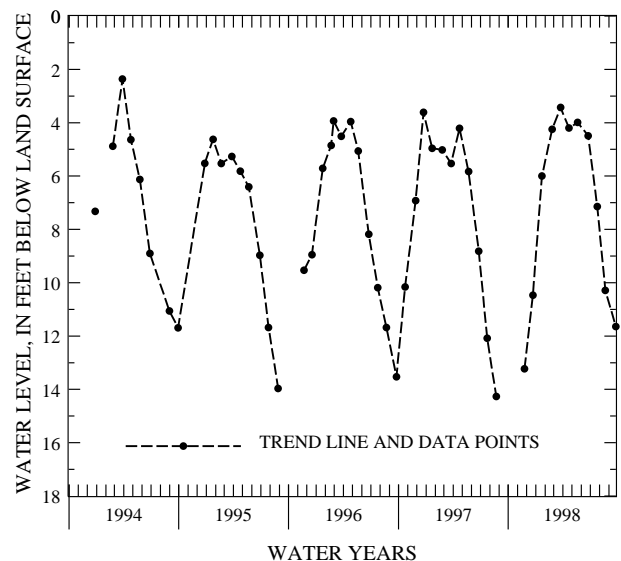
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	dry	NOV 24	13.23	DEC 22	10.47	JAN 21	6.00	FEB 24	4.25	MAR 24	3.43
APR 21	4.20	MAY 20	3.99	JUN 24	4.49	JUL 24	7.14	AUG 20	10.29	SEP 24	11.64

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, 7.30 ft below land-surface datum, Aug. 24, 1966.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	6.09	DEC 30	4.93	FEB 23	3.98	APR 27	4.34	JUN 29	4.61	AUG 24	5.66
NOV 28	4.82	JAN 29	3.71	MAR 26	3.64	MAY 29	5.15	JUL 30	4.97	SEP 29	6.17

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.

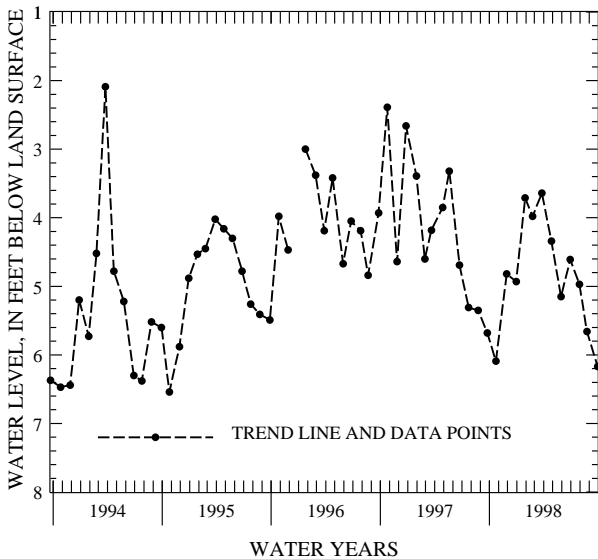
PERIOD OF RECORD.--May 1947 to current year.

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.

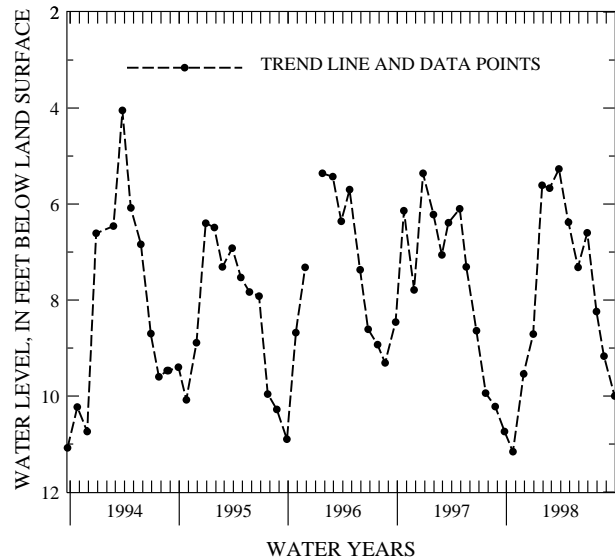
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	11.16	DEC 30	8.71	FEB 23	5.67	APR 27	6.38	JUN 29	6.60	AUG 24	9.17
NOV 28	9.54	JAN 29	5.61	MAR 26	5.27	MAY 29	7.32	JUL 30	8.24	SEP 29	10.00

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 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	5.21	DEC 30	4.54	FEB 23	3.21	APR 27	2.21	JUN 29	1.54	AUG 24	2.90
NOV 28	4.73	JAN 29	3.36	MAR 26	2.11	MAY 29	2.07	JUL 30	2.37	SEP 29	3.68

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.

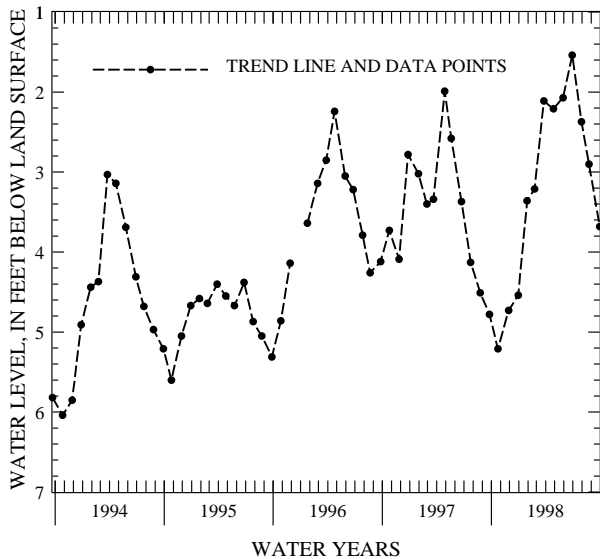
PERIOD OF RECORD.--December 1944 to current year.

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.

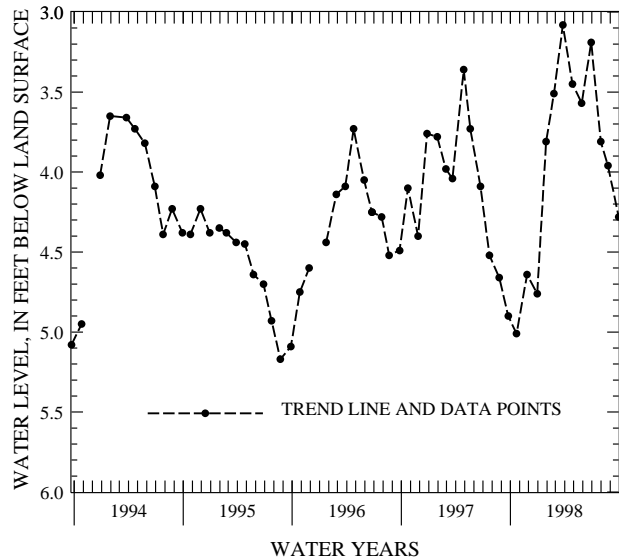
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	5.01	DEC 30	4.76	FEB 24	3.51	APR 27	3.45	JUN 29	3.19	AUG 24	3.96
NOV 26	4.64	JAN 29	3.81	MAR 26	3.08	MAY 28	3.57	JUL 31	3.81	SEP 29	4.28

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 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	20.34	DEC 30	20.03	FEB 23	14.93	APR 28	13.33	JUN 30	13.31	AUG 25	17.60
NOV 26	20.20	JAN 28	16.65	MAR 27	13.24	MAY 28	12.60	JUL 29	15.93	SEP 30	18.94

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.

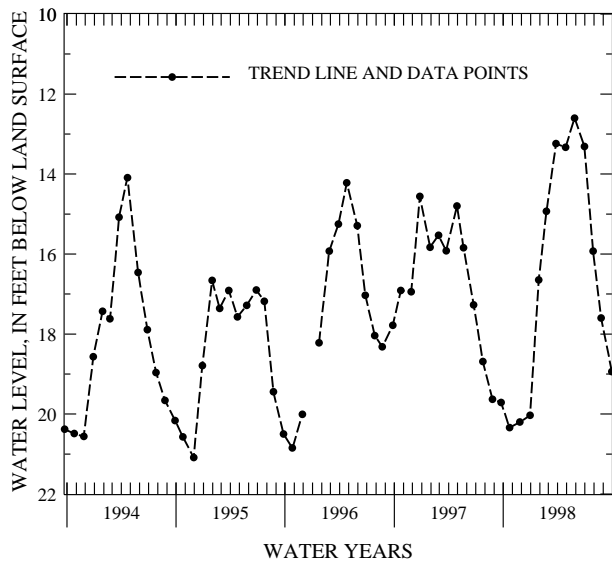
PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.57 ft below land-surface datum, Nov. 28, 1994; lowest measured, 5.20 ft below land-surface datum, Aug. 29, 1995.

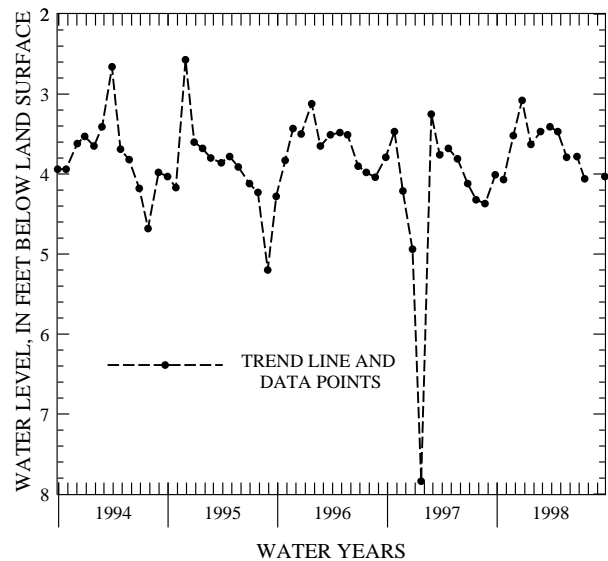
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	4.07	DEC 23	3.08	FEB 23	3.47	APR 21	3.47	JUN 24	3.78	SEP 25	4.03
NOV 24	3.52	JAN 22	3.63	MAR 26	3.41	MAY 21	3.79	JUL 20	4.06		

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, 2.80 ft below land-surface datum, Mar. 28, 1994; lowest measured, 12.33 ft below land-surface datum, Aug. 22, 1997.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	dry	DEC 23	9.47	FEB 23	4.42	APR 21	4.04	JUN 24	5.04	AUG 27	11.63
NOV 24	9.01	JAN 22	6.02	MAR 26	4.42	MAY 21	5.71	JUL 20	9.66	SEP 25	11.74

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.

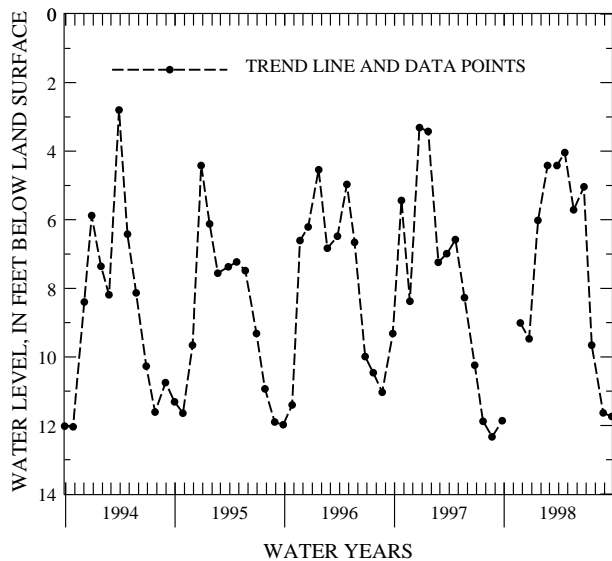
PERIOD OF RECORD.--December 1948 to current year.

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.

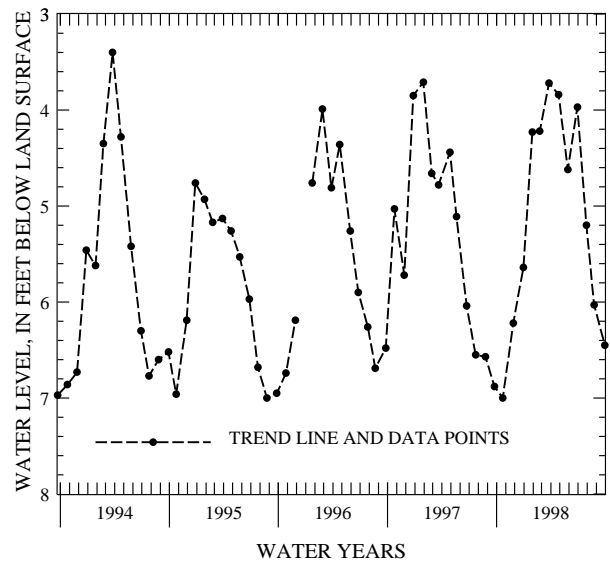
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	7.00	DEC 30	5.64	FEB 23	4.22	APR 27	3.84	JUN 29	3.97	AUG 24	6.03
NOV 26	6.22	JAN 29	4.23	MAR 26	3.72	MAY 28	4.62	JUL 29	5.20	SEP 29	6.45

CHARLESTOWN 587 WELL



EXETER 6 WELL



GROUND-WATER LEVELS IN RHODE ISLAND

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 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	dry	NOV 26	15.99	DEC 30	12.65	JAN 29	4.18	FEB 24	4.12	MAR 26	4.37
APR 27	4.66	MAY 29	7.13	JUN 29	5.66	JUL 29	10.29	AUG 24	14.60	SEP 29	16.45

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.

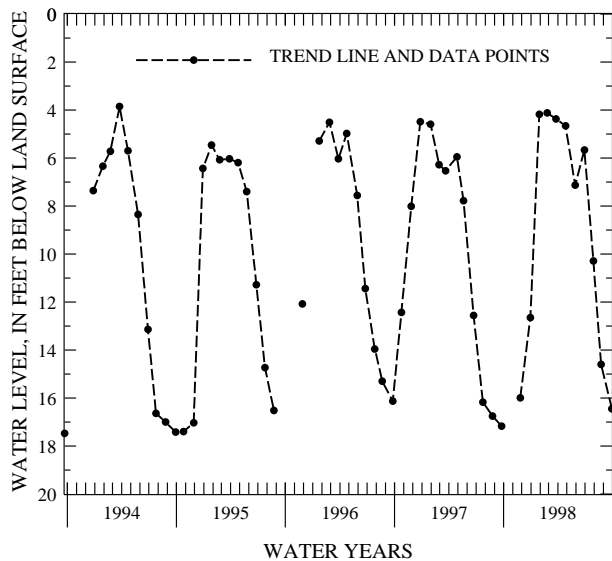
PERIOD OF RECORD.--October 1955 to June 1960, May 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.37 ft below land-surface datum Oct.17, 1955; lowest measured, 13.43 ft below land-surface datum, Oct. 2, 1957, Aug. 23, 1995.

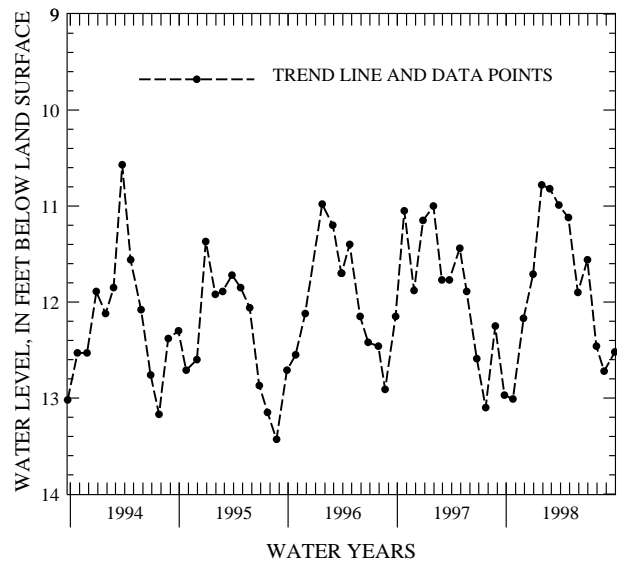
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	13.01	DEC 30	11.71	FEB 24	10.82	APR 27	11.12	JUN 30	11.56	AUG 25	12.72
NOV 28	12.17	JAN 28	10.78	MAR 26	10.99	MAY 29	11.90	JUL 30	12.46	SEP 30	12.52

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.

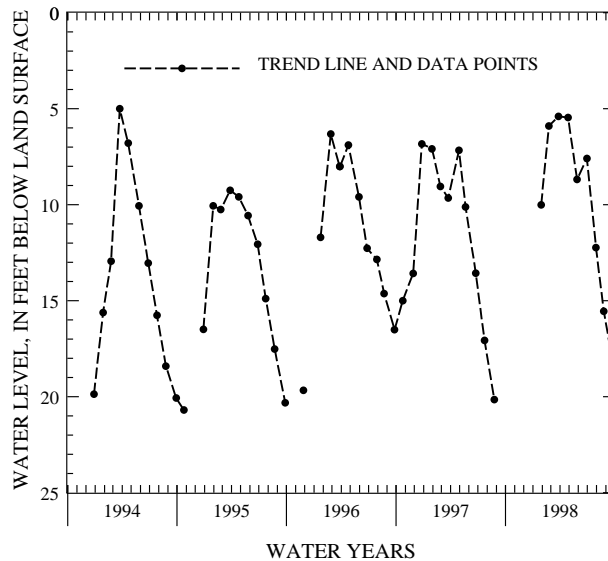
PERIOD OF RECORD.--August 1954 to June 1960, March 1991 to current year.

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 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	dry	DEC 30	dry	FEB 23	5.90	APR 28	5.46	JUN 30	7.59	AUG 25	15.55
NOV 28	dry	JAN 28	10.01	MAR 27	5.40	MAY 28	8.68	JUL 30	12.23	SEP 30	18.73

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.

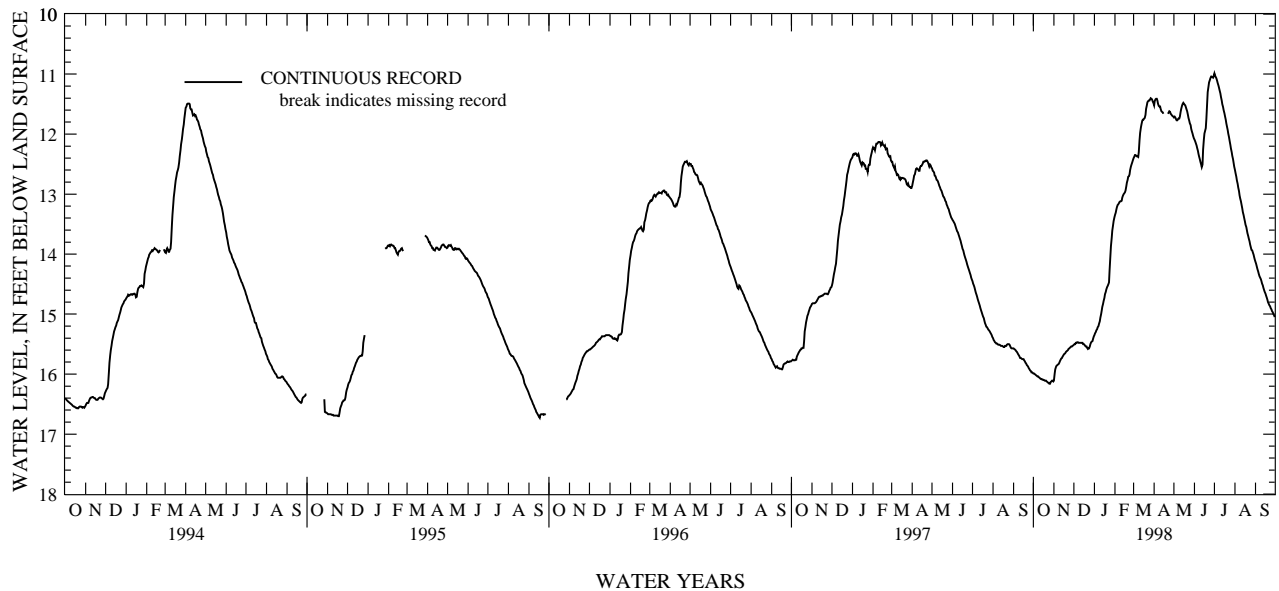
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.58 ft below land-surface datum, Apr. 28, 29, 1983; lowest, 16.74 ft below land-surface datum, Oct. 19, 1981, Sept. 17, 1995.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.99	16.11	15.51	15.35	13.35	12.40	11.52	11.72	12.09	10.99	12.60	14.13
2	15.99	15.99	15.50	15.32	13.31	12.38	11.45	11.71	12.12	11.02	12.65	14.16
3	16.00	15.92	15.50	15.30	13.26	12.35	11.42	11.72	12.15	11.05	12.71	14.21
4	16.01	15.88	15.48	15.27	13.22	12.35	11.41	11.75	12.19	11.07	12.77	14.25
5	16.02	15.86	15.48	15.25	13.18	12.36	11.41	11.77	12.23	11.11	12.83	14.29
6	16.03	15.85	15.47	15.22	13.17	12.37	11.44	11.77	12.28	11.15	12.89	14.33
7	16.04	15.84	15.47	15.20	13.15	12.37	11.49	11.75	12.33	11.19	12.95	14.37
8	16.04	15.83	15.48	15.16	13.13	12.38	11.53	11.74	12.37	11.23	13.02	14.39
9	16.05	15.81	15.48	15.12	13.12	12.30	11.54	11.74	12.42	11.27	13.07	14.42
10	16.06	15.78	15.48	15.06	13.12	12.10	11.54	11.71	12.46	11.32	13.12	14.45
11	16.07	15.76	15.48	15.00	13.11	11.98	11.58	11.63	12.51	11.38	13.17	14.49
12	16.08	15.74	15.48	14.94	13.06	11.89	11.62	11.58	12.55	11.44	13.24	14.52
13	16.08	15.73	15.48	14.88	13.03	11.84	11.63	11.53	12.51	11.50	13.30	14.56
14	16.09	15.71	15.48	14.83	13.00	11.78	11.64	11.50	12.26	11.55	13.35	14.60
15	16.09	15.69	15.50	14.78	12.99	11.76	11.66	11.48	12.09	11.60	13.40	14.63
16	16.10	15.67	15.50	14.73	12.97	11.76	---	11.49	11.99	11.65	13.46	14.66
17	16.10	15.66	15.51	14.67	12.94	11.74	---	11.51	11.94	11.70	13.51	14.69
18	16.11	15.65	15.53	14.63	12.87	11.73	---	11.52	11.90	11.76	13.55	14.73
19	16.11	15.63	15.54	14.59	12.81	11.68	---	11.55	11.75	11.82	13.60	14.76
20	16.11	15.62	15.54	14.55	12.76	11.58	---	11.59	11.49	11.87	13.65	14.80
21	16.12	15.61	15.56	14.53	12.71	11.52	---	11.62	11.30	11.93	13.70	14.83
22	16.13	15.60	15.58	14.50	12.70	11.47	11.66	11.68	11.21	11.99	13.74	14.85
23	16.14	15.58	15.57	14.47	12.67	11.45	11.64	11.73	11.14	12.05	13.79	14.87
24	16.15	15.57	15.57	14.27	12.60	11.44	11.62	11.78	11.10	12.11	13.84	14.90
25	16.16	15.56	15.54	14.04	12.54	11.44	11.63	11.82	11.07	12.18	13.89	14.92
26	16.16	15.55	15.50	13.87	12.51	11.42	11.66	11.85	11.04	12.24	13.93	14.95
27	16.13	15.54	15.47	13.73	12.47	11.40	11.67	11.91	11.04	12.30	13.94	14.97
28	16.12	15.54	15.46	13.61	12.44	11.41	11.69	11.95	11.05	12.36	13.97	15.00
29	16.11	15.53	15.45	13.52	---	11.42	11.70	11.99	11.06	12.42	14.01	15.02
30	16.11	15.52	15.41	13.45	---	11.46	11.71	12.03	11.04	12.48	14.05	15.05
31	16.12	---	15.37	13.39	---	11.48	---	12.07	---	12.54	14.09	---
MEAN	16.08	15.71	15.50	14.62	12.94	11.84	---	11.72	11.82	11.69	13.41	14.63
LOW	16.16	16.11	15.58	15.35	13.35	12.40	---	12.07	12.55	12.54	14.09	15.05
HIGH	15.99	15.52	15.37	13.39	12.44	11.40	---	11.48	11.04	10.99	12.60	14.13

WTR YR 1998 HIGH 10.98 JULY 1 LOW 16.16 OCT 25, 26

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, 8.22 ft below land-surface datum, Mar. 25, 1993; lowest measured, 12.20 ft below land-surface datum, Nov. 29, 1994.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	11.70	DEC 30	10.63	FEB 23	8.49	APR 28	8.72	JUN 30	8.94	AUG 25	10.29
NOV 28	10.84	JAN 28	8.77	MAR 27	8.41	MAY 28	8.91	JUL 30	9.74	SEP 30	10.67

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.

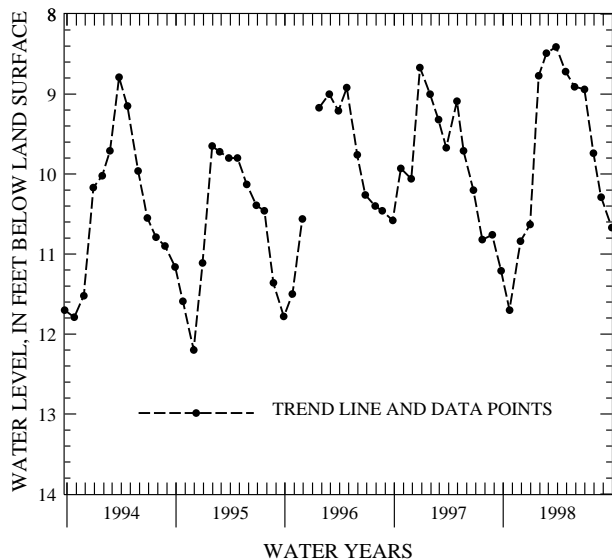
PERIOD OF RECORD.--August 1953 to February 1959, November 1990 to current year..

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.

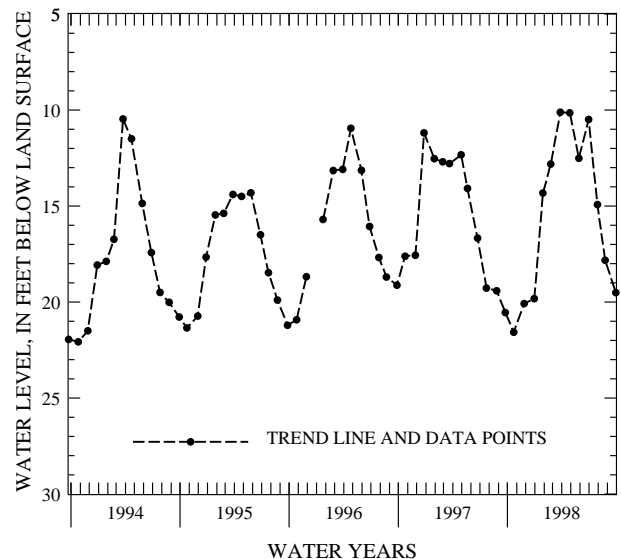
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	21.57	DEC 30	19.82	FEB 23	12.81	APR 28	10.15	JUN 30	10.49	AUG 24	17.82
NOV 26	20.08	JAN 28	14.32	MAR 27	10.11	MAY 28	12.51	JUL 29	14.92	SEP 29	19.51

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 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	13.26	DEC 22	13.41	FEB 23	10.75	APR 20	10.40	JUN 23	10.95	AUG 19	12.03
NOV 20	13.55	JAN 22	12.35	MAR 23	10.12	MAY 29	10.50	JUL 22	11.43		

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.

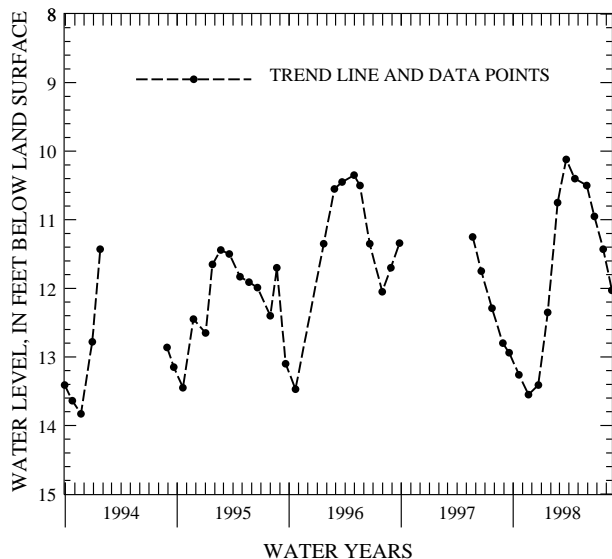
PERIOD OF RECORD.--August 1954 to December 1963, January 1966 to current year.

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.

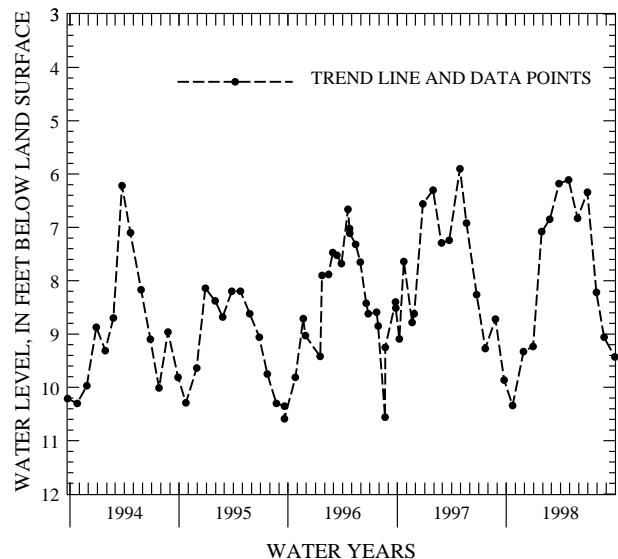
WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	10.34	DEC 30	9.23	FEB 24	6.85	APR 28	6.11	JUN 30	6.34	AUG 25	9.06
NOV 28	9.33	JAN 28	7.08	MAR 27	6.18	MAY 28	6.83	JUL 30	8.22	SEP 30	9.43

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.

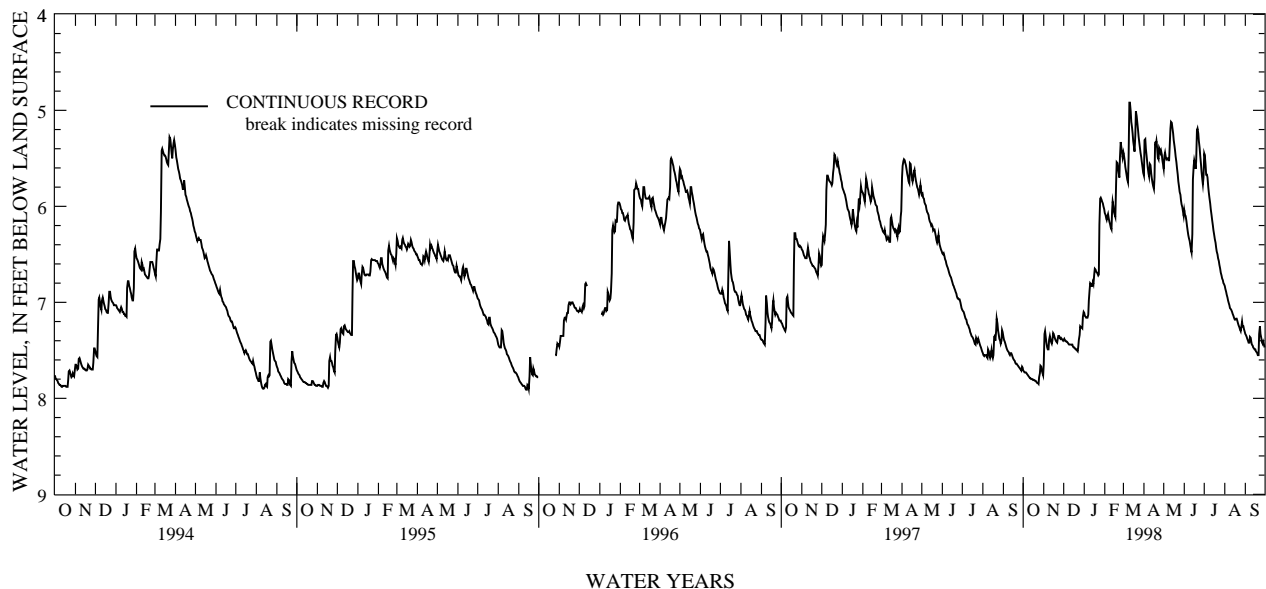
DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.71	7.65	7.39	7.11	6.07	5.44	5.68	5.61	6.04	5.45	6.83	7.33
2	7.72	7.33	7.38	7.14	6.09	5.47	5.31	5.47	6.09	5.47	6.86	7.34
3	7.73	7.30	7.40	7.15	6.12	5.53	5.30	5.44	6.10	5.57	6.89	7.36
4	7.73	7.37	7.40	7.16	6.14	5.59	5.40	5.49	6.15	5.67	6.92	7.38
5	7.73	7.42	7.41	7.16	6.10	5.64	5.48	5.51	6.20	5.67	6.95	7.40
6	7.74	7.47	7.41	7.16	6.08	5.68	5.54	5.50	6.26	5.70	6.98	7.42
7	7.75	7.49	7.42	7.13	6.13	5.72	5.60	5.50	6.30	5.80	7.01	7.42
8	7.76	7.49	7.43	6.98	6.16	5.75	5.66	5.52	6.33	5.86	7.03	7.36
9	7.77	7.39	7.44	6.87	6.19	5.50	5.69	5.52	6.36	5.91	7.06	7.37
10	7.78	7.35	7.44	6.80	6.22	4.92	5.56	5.38	6.40	5.97	7.07	7.41
11	7.79	7.38	7.44	6.81	6.24	4.92	5.57	5.19	6.45	6.03	7.08	7.44
12	7.79	7.41	7.44	6.83	6.05	5.01	5.66	5.12	6.48	6.09	7.10	7.45
13	7.80	7.43	7.44	6.83	5.95	5.12	5.71	5.13	6.29	6.14	7.12	7.47
14	7.80	7.40	7.44	6.79	6.00	5.18	5.76	5.18	5.72	6.20	7.14	7.48
15	7.80	7.32	7.46	6.81	6.06	5.24	5.79	5.24	5.58	6.25	7.16	7.49
16	7.81	7.33	7.47	6.71	6.09	5.32	5.82	5.31	5.52	6.30	7.18	7.49
17	7.81	7.36	7.47	6.65	6.11	5.38	5.70	5.37	5.56	6.34	7.18	7.51
18	7.81	7.38	7.48	6.66	5.76	5.43	5.35	5.42	5.61	6.38	7.17	7.52
19	7.82	7.40	7.49	6.68	5.54	5.26	5.36	5.48	5.53	6.43	7.17	7.53
20	7.82	7.41	7.49	6.69	5.55	5.01	e5.32	5.54	5.21	6.47	7.19	7.55
21	7.83	7.42	7.50	6.70	5.60	5.06	e5.40	5.60	5.19	6.50	7.22	7.55
22	7.84	7.38	7.51	6.72	5.66	5.12	5.49	5.67	5.24	6.54	7.24	7.55
23	7.84	7.35	7.46	6.71	5.70	5.20	5.51	5.74	5.32	6.57	7.26	7.55
24	7.85	7.35	7.39	6.19	5.49	5.27	5.39	5.80	5.39	6.61	7.28	7.55
25	7.78	7.37	7.34	5.92	5.33	5.34	5.41	5.85	5.47	6.65	7.30	7.55
26	7.74	7.38	7.25	5.91	5.38	5.39	5.44	5.88	5.56	6.69	7.26	7.41
27	7.66	7.37	7.26	5.93	5.44	5.44	5.42	5.94	5.64	6.72	7.20	7.43
28	7.67	7.38	7.26	5.95	5.49	5.49	5.46	5.98	5.72	6.75	7.25	7.41
29	7.71	7.39	7.27	5.97	---	5.54	5.52	6.01	5.77	6.77	7.25	7.44
30	7.74	7.40	7.15	6.00	---	5.60	5.57	6.05	5.70	6.80	7.28	7.47
31	7.76	---	7.10	6.03	---	5.65	---	6.10	---	6.81	7.30	---
MEAN	7.77	7.40	7.39	6.65	5.88	5.36	5.53	5.57	5.84	6.23	7.13	7.42
LOW	7.85	7.65	7.51	7.16	6.24	5.75	5.82	6.10	6.48	6.81	7.30	7.55
HIGH	7.66	7.30	7.10	5.91	5.33	4.92	5.30	5.12	5.19	5.45	6.83	7.25

WTR YR 1998 HIGH 4.88 MAR 10 LOW 7.85 OCT 23, 24, 25

e Estimated

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.

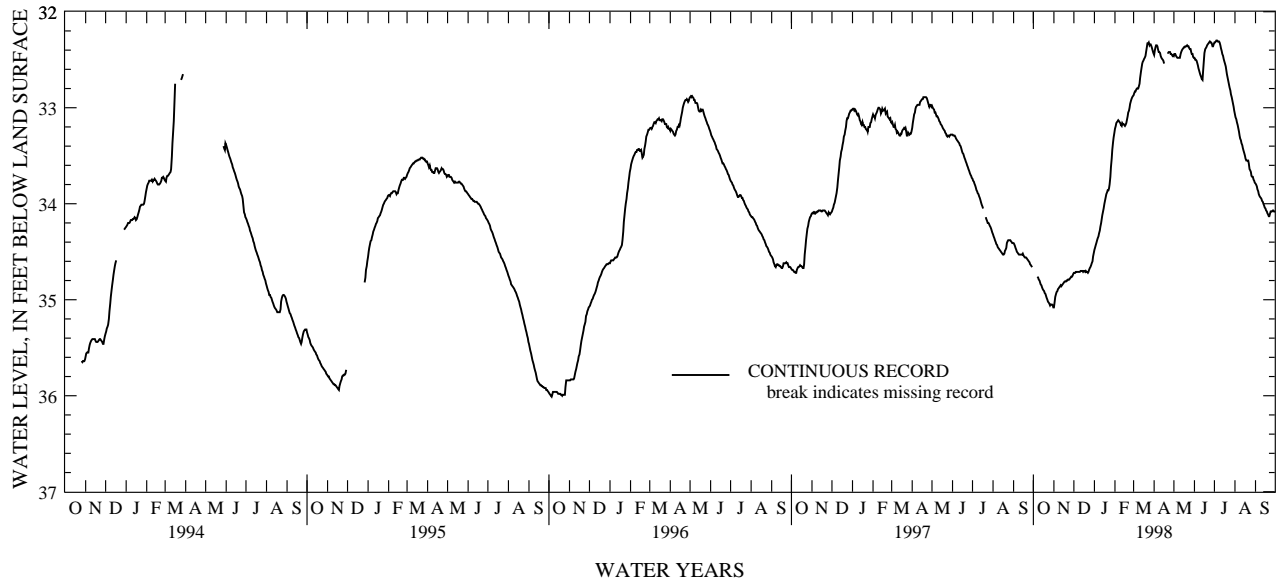
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 31.42 ft below land-surface datum, June 11, 1982; lowest, 35.94 ft below land-surface datum, Feb. 2, 1981.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	35.08	34.72	34.48	33.22	32.87	32.45	32.46	32.48	32.32	33.07	33.79
2	---	35.02	34.72	34.46	33.19	32.85	32.41	32.44	32.50	32.32	33.10	33.80
3	---	34.97	34.72	34.43	33.16	32.83	32.37	32.44	32.50	32.31	33.12	33.82
4	---	34.94	34.71	34.41	33.15	32.83	32.35	32.46	32.51	32.30	33.15	33.85
5	---	34.92	34.71	34.38	33.14	32.81	32.35	32.47	32.53	32.30	33.18	33.87
6	---	34.91	34.71	34.36	33.13	32.80	32.36	32.48	32.56	32.31	33.21	33.90
7	34.76	34.89	34.71	34.34	33.14	32.80	32.39	32.48	32.59	32.31	33.25	33.92
8	34.77	34.88	34.71	34.31	33.15	32.80	32.42	32.48	32.61	32.31	33.29	33.93
9	34.79	34.87	34.71	34.28	33.16	32.78	32.42	32.48	32.64	32.32	33.32	33.94
10	34.80	34.86	34.71	34.24	33.18	32.75	32.43	32.48	32.66	32.35	33.34	33.95
11	34.82	34.85	34.70	34.20	33.19	32.69	32.46	32.44	32.68	32.38	33.37	33.97
12	34.84	34.86	34.70	34.16	33.16	32.63	32.48	32.42	32.70	32.41	33.39	33.98
13	34.85	34.85	34.70	34.12	33.17	32.59	32.49	32.40	32.71	32.44	33.42	34.00
14	34.87	34.84	34.70	34.08	33.17	32.54	32.50	32.39	32.62	32.46	33.45	34.02
15	34.89	34.83	34.71	34.05	33.18	32.52	32.51	32.38	32.51	32.49	33.47	34.04
16	34.90	34.82	34.70	34.00	33.19	32.51	32.54	32.37	32.43	32.52	33.50	34.05
17	34.91	34.81	34.70	33.97	33.18	32.49	---	32.37	32.39	32.54	33.53	34.07
18	34.93	34.81	34.71	33.93	33.16	32.48	---	32.36	32.38	32.57	33.55	34.08
19	34.94	34.81	34.70	33.90	33.13	32.46	---	32.36	32.37	32.61	33.55	34.10
20	34.96	34.80	34.71	33.88	33.09	32.42	---	32.36	32.35	32.65	33.55	34.11
21	34.98	34.80	34.71	33.86	33.05	32.37	32.43	32.35	32.34	32.69	33.55	34.13
22	35.00	34.79	34.72	33.86	33.03	32.33	32.43	32.36	32.33	32.72	33.58	34.13
23	35.02	34.79	34.71	33.84	33.00	32.33	32.42	32.36	32.32	32.76	33.64	34.10
24	35.03	34.79	34.69	33.80	32.96	32.32	32.42	32.38	32.31	32.79	33.65	34.08
25	35.04	34.78	34.67	33.72	32.93	32.35	32.42	32.39	32.32	32.82	33.67	34.08
26	35.06	34.77	34.66	33.62	32.91	32.34	32.44	32.39	32.32	32.86	33.71	34.08
27	35.05	34.76	34.64	33.53	32.89	32.34	32.44	32.42	32.33	32.89	33.72	34.07
28	35.05	34.76	34.62	33.44	32.88	32.36	32.45	32.44	32.36	32.92	33.72	34.07
29	35.05	34.75	34.60	33.36	---	32.38	32.46	32.44	32.36	32.96	33.75	34.08
30	35.06	34.73	34.55	33.31	---	32.41	32.45	32.47	32.34	32.99	33.76	34.09
31	35.08	---	34.51	33.26	---	32.43	---	32.48	---	33.03	33.78	---
MEAN	---	34.84	34.69	33.99	33.10	32.56	---	32.42	32.47	32.57	33.46	34.00
LOW	---	35.08	34.72	34.48	33.22	32.87	---	32.48	32.71	33.03	33.78	34.13
HIGH	---	34.73	34.51	33.26	32.88	32.32	---	32.35	32.31	32.30	33.07	33.79

WTR YR 1998 HIGH 32.30 JULY 4, 5, 6 LOW 35.09 NOV 1

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.

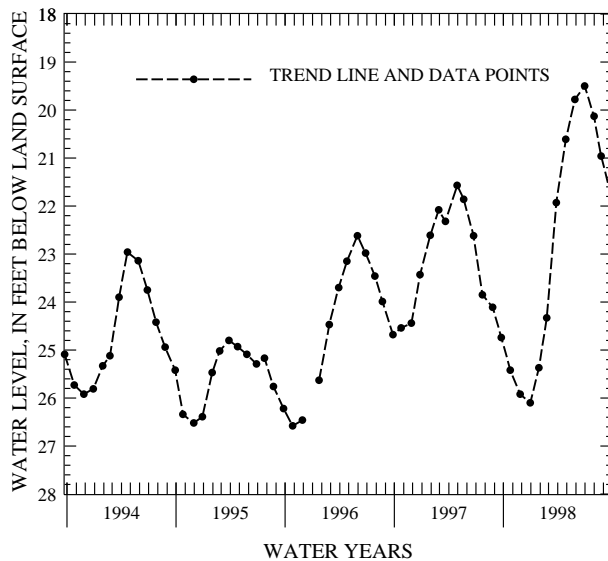
PERIOD OF RECORD.--October 1989 to current year.

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 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	25.42	DEC 30	26.10	FEB 23	24.33	APR 28	20.61	JUN 30	19.50	AUG 24	20.96
NOV 26	25.92	JAN 28	25.37	MAR 27	21.93	MAY 28	19.78	JUL 31	20.13	SEP 29	21.84

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.

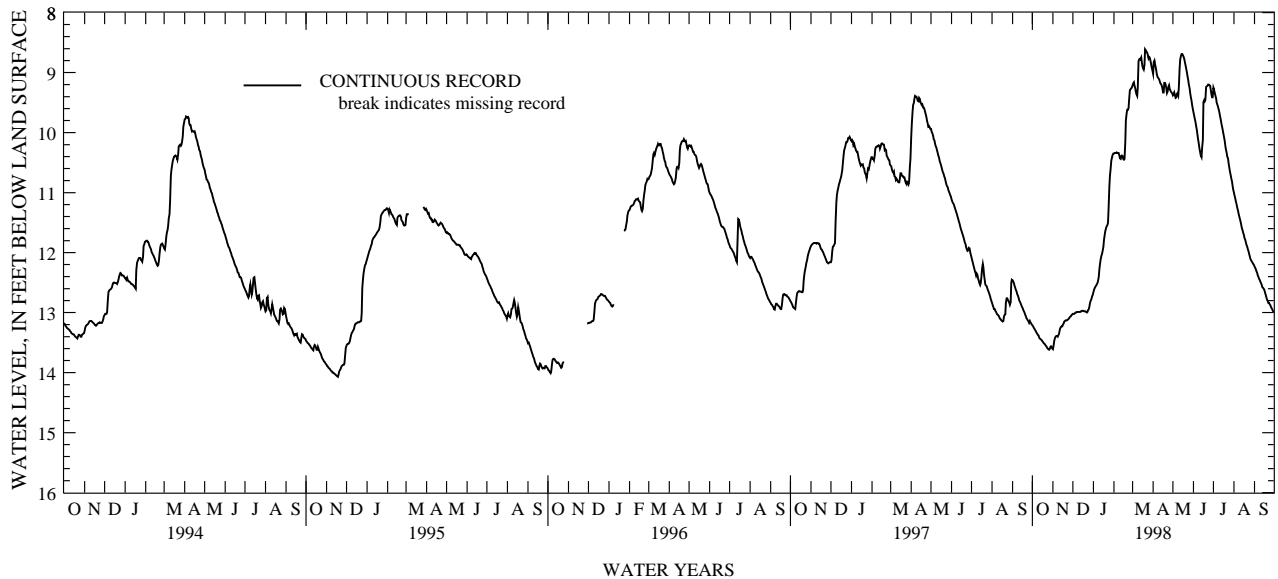
DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.21	13.61	13.02	12.66	10.35	9.21	9.02	9.38	9.66	9.25	11.00	12.23
2	13.23	13.54	13.02	12.62	10.34	9.18	8.83	9.36	9.72	9.28	11.05	12.25
3	13.25	13.47	13.02	12.59	10.34	9.16	8.80	9.33	9.77	9.34	11.10	12.28
4	13.27	13.42	13.01	12.57	10.34	9.22	8.86	9.38	9.83	9.38	11.15	12.31
5	13.29	13.40	13.00	12.55	10.33	9.26	8.92	9.42	9.89	9.43	11.20	12.34
6	13.31	13.39	13.00	12.53	10.34	9.32	8.98	9.41	9.96	9.50	11.25	12.38
7	13.33	13.39	12.99	12.51	10.34	9.36	9.04	9.35	10.04	9.54	11.30	12.41
8	13.35	13.40	12.99	12.47	10.34	9.39	9.08	9.34	10.11	9.57	11.35	12.44
9	13.37	13.38	12.99	12.40	10.38	9.25	9.09	9.38	10.19	9.61	11.39	12.46
10	13.38	13.35	12.99	12.28	10.43	8.81	9.11	9.24	10.26	9.66	11.44	12.49
11	13.41	13.30	12.99	12.17	10.44	8.78	9.14	8.92	10.33	9.72	11.48	12.51
12	13.43	13.26	12.99	12.11	10.39	8.77	9.18	8.78	10.38	9.78	11.54	12.54
13	13.44	13.24	12.98	12.06	10.38	8.78	9.19	8.72	10.41	9.84	11.59	12.58
14	13.45	13.23	12.98	12.02	10.39	8.75	9.22	8.69	10.26	9.90	11.63	12.59
15	13.46	13.23	12.97	11.97	10.44	8.82	9.26	8.69	10.12	9.95	11.67	12.60
16	13.48	13.20	12.97	11.90	10.45	8.89	9.33	8.71	9.49	10.02	11.71	12.63
17	13.49	13.18	12.97	11.79	10.44	8.93	9.33	8.74	9.46	10.07	11.76	12.67
18	13.51	13.15	12.98	11.70	10.16	8.95	9.17	8.77	9.48	10.14	11.79	12.71
19	13.52	13.14	12.98	11.64	9.80	8.87	9.17	8.82	9.46	10.22	11.83	12.75
20	13.53	13.13	12.98	11.59	9.68	8.61	e9.20	8.88	9.24	10.28	11.87	12.78
21	13.55	13.13	12.99	11.56	9.62	8.63	e9.27	8.93	9.23	10.34	11.90	12.81
22	13.56	13.13	13.00	11.54	9.62	8.65	9.34	9.00	9.22	10.40	11.94	12.84
23	13.58	13.12	12.99	11.50	9.59	8.67	9.31	9.06	9.20	10.43	11.98	12.84
24	13.60	13.11	12.96	11.26	9.45	8.70	9.24	9.13	9.20	10.51	12.02	12.86
25	13.61	13.10	12.94	10.90	9.29	8.76	9.21	9.20	9.21	10.59	12.07	12.88
26	13.62	13.08	12.90	10.72	9.28	8.74	9.27	9.26	9.22	10.65	12.11	12.91
27	13.61	13.07	12.83	10.59	9.26	8.75	9.29	9.34	9.28	10.71	12.13	12.93
28	13.57	13.06	12.80	10.47	9.25	8.80	9.32	9.40	9.37	10.76	12.15	12.95
29	13.56	13.04	12.77	10.41	---	8.85	9.33	9.47	9.41	10.82	12.17	12.98
30	13.58	13.03	12.73	10.37	---	8.92	9.35	9.54	9.41	10.89	12.19	13.00
31	13.60	---	12.70	10.35	---	8.96	---	9.61	---	10.95	12.20	---
MEAN	13.46	13.24	12.95	11.74	10.05	8.93	9.16	9.14	9.69	10.05	11.68	12.63
LOW	13.62	13.61	13.02	12.66	10.45	9.39	9.35	9.61	10.41	10.95	12.20	13.00
HIGH	13.21	13.03	12.70	10.35	9.25	8.61	8.80	8.69	9.20	9.25	11.00	12.23

WTR YR 1998 HIGH 8.59 MAR 20 LOW 13.63 OCT 26

e Estimated

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, and 1998.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	dry	DEC 30	dry	FEB 23	25.44	APR 28	25.15	JUN 30	24.56	AUG 25	27.96
NOV 26	28.47	JAN 28	26.56	MAR 27	24.44	MAY 28	25.35	JUL 29	26.74	SEP 30	28.38

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.

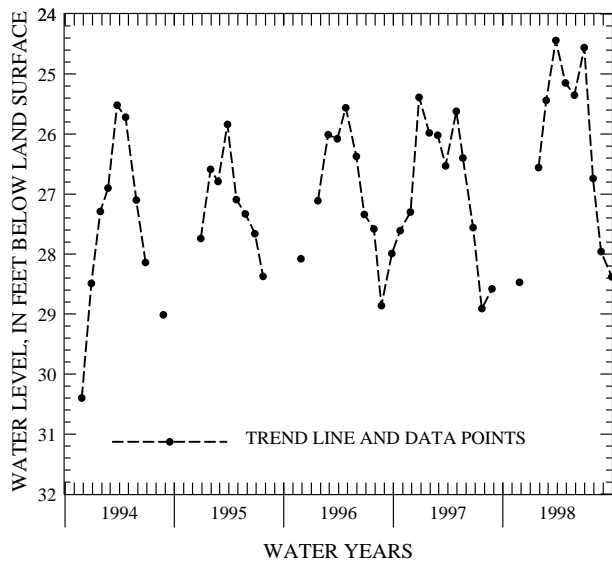
PERIOD OF RECORD.--January 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.23 ft below land-surface datum, Apr. 23, 1983; lowest measured, 14.69 ft below land-surface datum, Sept. 23, 1993.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	14.65	DEC 30	12.87	FEB 23	10.41	APR 28	10.91	JUN 30	11.95	AUG 25	13.69
NOV 26	12.71	JAN 29	11.26	MAR 27	10.63	MAY 28	10.90	JUL 29	13.04	SEP 30	13.87

SOUTH KINGSTOWN 515 WELL



WESTERLY 522 WELL

