

GROUND-WATER LEVELS

FAIRFIELD COUNTY

413007073250501. Local number, **BD 8**.

LOCATION--Lat 41°30'07", long 73°25'05", Hydrologic Unit 01100005, 50 ft south and 10 ft east of parking area along State Route 7 at north town line, Brookfield; New Milford quadrangle. Owner: Connecticut Department of Transportation.

AQUIFER--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS--Bored, unused, water-table well, diameter 1.25 in, depth 53 ft, plastic casing to 50 ft, well point 50 to 53 ft.

INSTRUMENTATION--Prior to November 1990 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM--Elevation of land-surface datum is 255 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 0.40 ft above land-surface datum.

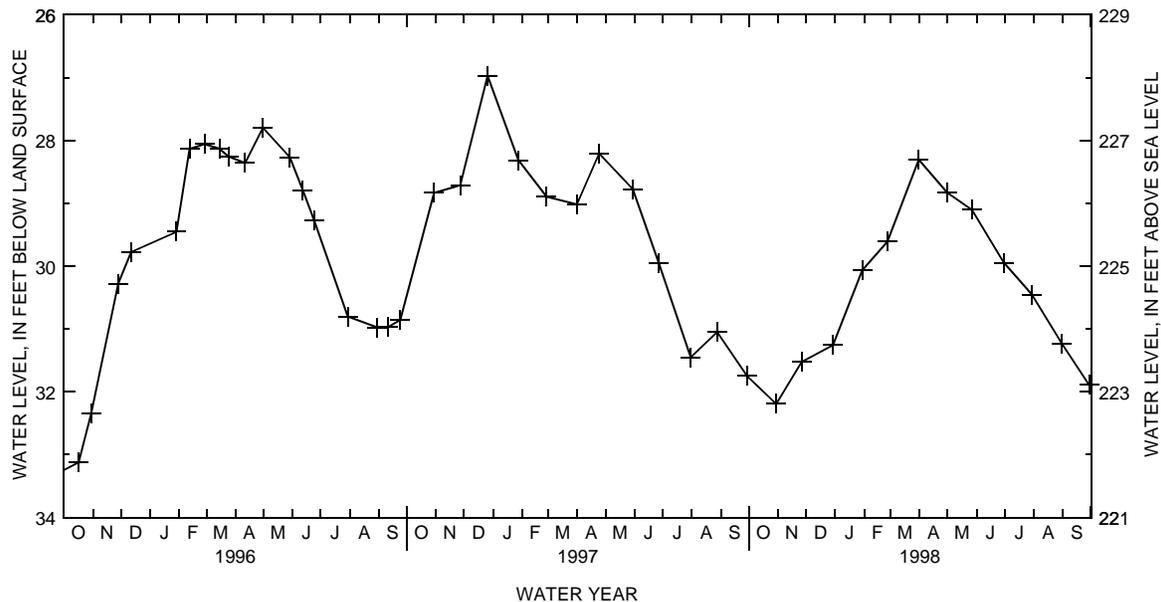
PERIOD OF RECORD--January 1967 to current year.

EXTREMES FOR PERIOD OF RECORD--Highest water level measured, 26.33 ft below land-surface datum, April 26, 1983; lowest water level measured, 33.41 ft below land-surface datum, January 26, 1981.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 32.19 | JAN 30 | 30.06 | APR 30 | 28.82 | JUL 30 | 30.45 |
| NOV 26 | 31.52 | FEB 26 | 29.60 | MAY 27 | 29.10 | AUG 31 | 31.24 |
| DEC 30 | 31.25 | MAR 31 | 28.30 | JUN 30 | 29.94 | SEP 29 | 31.89 |
| WATER YEAR 1998 | HIGHEST | 28.30 | MAR 31, 1998 | LOWEST | 32.19 | OCT 30, 1997 | |

BD 8



FAIRFIELD COUNTY--Continued

411256073153101. Local Number, FF 23.

LOCATION.--Lat 41°12'56", long 73°15'31", Hydrologic Unit 01100006, about 100 ft south of Merritt Parkway and about 2,000 ft southwest of State Route 59 overpass (exit 46), Fairfield; Westport quadrangle.

Owner: Connecticut Department of Transportation.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 1.25 in, depth 42 ft, steel casing to 39 ft, screened 39 to 42 ft.

INSTRUMENTATION.--Prior to November 1990 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 130 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 2.40 ft above land-surface datum.

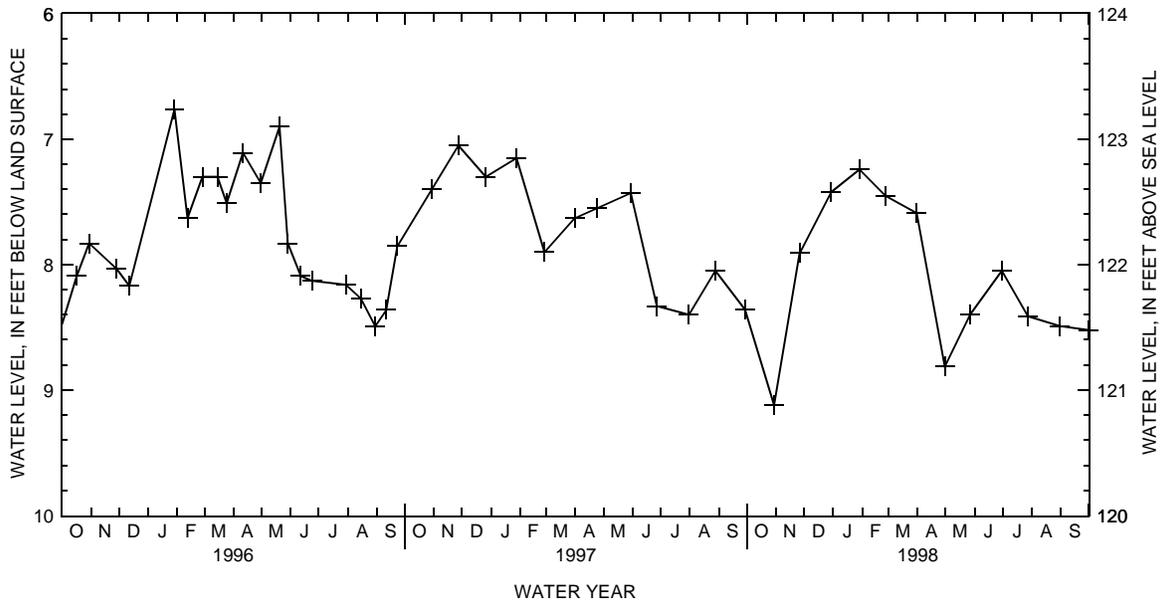
PERIOD OF RECORD.--October 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.64 ft below land-surface datum, April 10, 1980; lowest water level measured, 9.12 ft below land-surface datum, October 30, 1997.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|---------------------------|-------------|--------------|
| OCT 30 9.12 | JAN 29 7.24 | APR 30 8.81 | JUL 28 8.41 |
| NOV 26 7.91 | FEB 26 7.45 | MAY 27 8.40 | AUG 31 8.49 |
| DEC 30 7.42 | MAR 31 7.59 | JUN 30 8.05 | SEP 30 8.52 |
| WATER YEAR 1998 | HIGHEST 7.24 JAN 29, 1998 | LOWEST 9.12 | OCT 30, 1997 |

FF 23



GROUND-WATER LEVELS

FAIRFIELD COUNTY--Continued

411124073172201. Local Number, **FF 30**.

LOCATION--Lat 41°11'24", long 73°17'22", Hydrologic Unit 01100006, High Point Lane, 80 ft northeast of end of cul de sac. Fairfield; Westport quadrangle.

Owner: Aspetuck Land Trust.

AQUIFER--Bedrock.

WELL CHARACTERISTICS--Bored, unused, water-table well, diameter 2 in, depth 27 ft, screened 22 to 27 ft.

INSTRUMENTATION--From August 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM--Elevation of land-surface datum is 335 ft above sea level, from topographic map.

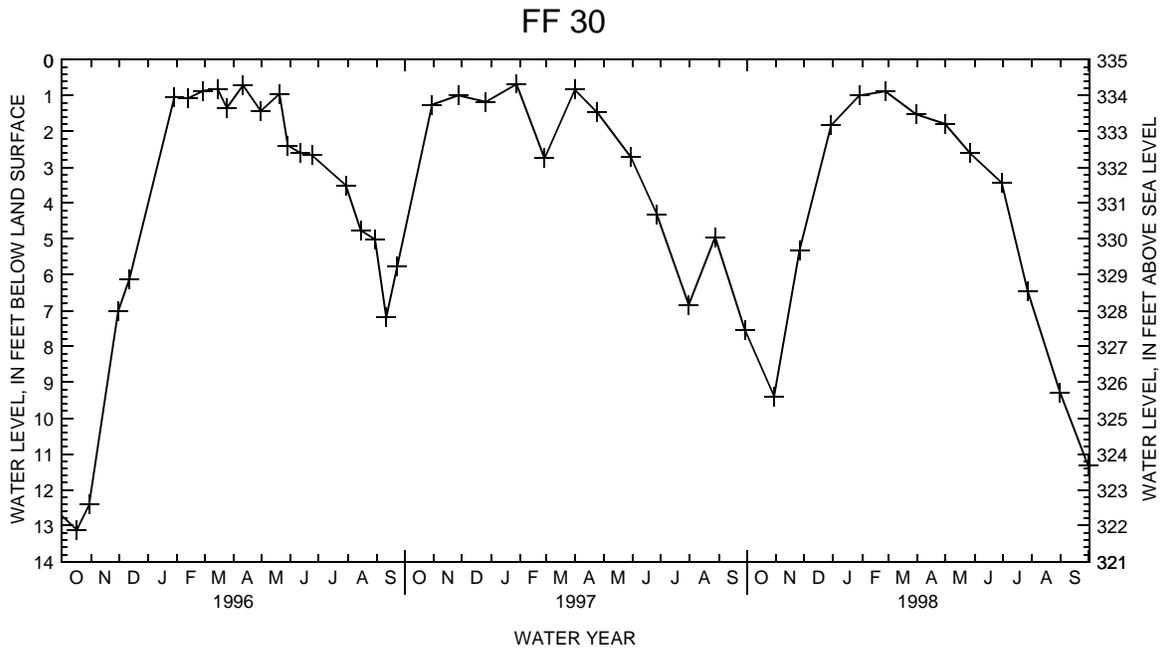
Measuring point: Top of steel protective casing, 2.00 ft above land-surface datum.

PERIOD OF RECORD--August 1993 to current year.

EXTREMES FOR PERIOD OF RECORD--Highest water level measured, 0.47 ft below land-surface datum March 30, 1994; lowest water level measured, 13.11 ft below land-surface datum, October 17, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 9.39 | JAN 29 | 1.00 | APR 30 | 1.78 | JUL 28 | 6.47 |
| NOV 26 | 5.30 | FEB 26 | 0.88 | MAY 27 | 2.60 | AUG 31 | 9.28 |
| DEC 30 | 1.83 | MAR 31 | 1.53 | JUN 30 | 3.43 | SEP 30 | 11.32 |
| WATER YEAR 1998 | HIGHEST | 0.88 | FEB 26, 1998 | LOWEST | 11.32 | SEP 30, 1998 | |



FAIRFIELD COUNTY--Continued

411118073175801. Local Number, **FF 31**.

LOCATION--Lat 41°11'18", long 73°17'58", Hydrologic Unit 01100006, Behind fire station at 3965 Hillside Ave. Fairfield; Westport quadrangle.

Owner: Town of Fairfield.

AQUIFER--Bedrock.

WELL CHARACTERISTICS--Bored, unused, water-table well, diameter 2 in, depth 39.1 ft.

INSTRUMENTATION--From October 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM--Elevation of land-surface datum is 275 ft above sea level from topographic map.

Measuring point: Top of steel protective casing, 1.50 ft above land-surface datum.

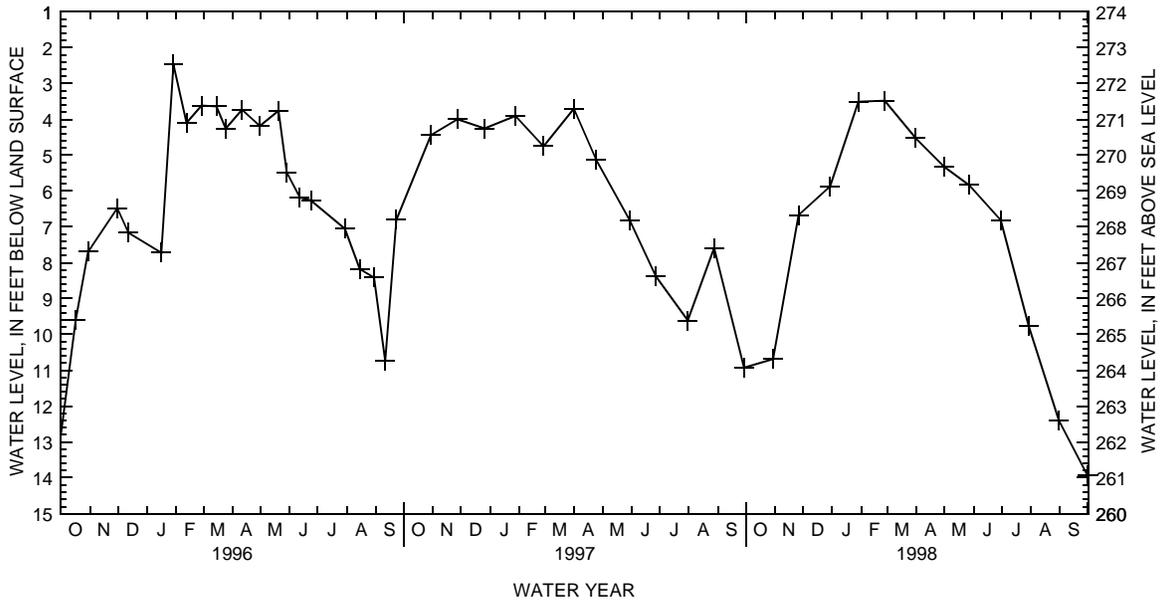
PERIOD OF RECORD--October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD--Highest water level measured, 1.59 ft below land-surface datum, March 30, 1994; lowest water level measured, 14.50 ft below land-surface datum, September 13, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 10.69 | JAN 29 | 3.50 | APR 30 | 5.31 | JUL 30 | 9.77 |
| NOV 26 | 6.67 | FEB 26 | 3.48 | MAY 27 | 5.82 | AUG 31 | 12.41 |
| DEC 30 | 5.87 | MAR 31 | 4.53 | JUN 30 | 6.81 | SEP 30 | 13.91 |
| WATER YEAR 1998 | HIGHEST | 3.48 | FEB 26, 1998 | LOWEST | 13.91 | SEP 30, 1998 | |

FF 31



GROUND-WATER LEVELS
FAIRFIELD COUNTY--Continued

411103073181301. Local Number, **FF 32**.

LOCATION.--Lat 41°11'03", long 73°18'13", Hydrologic Unit 01100006, Timothy Dwight School, Redding Road 10 ft off of curb at corner of parking lot. Fairfield; Westport quadrangle.

Owner: Town of Fairfield.

AQUIFER.--Bedrock.

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in, depth 25 ft, screened 20 to 25 ft.

INSTRUMENTATION.--From August 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 225 ft above sea level, from topographic map.

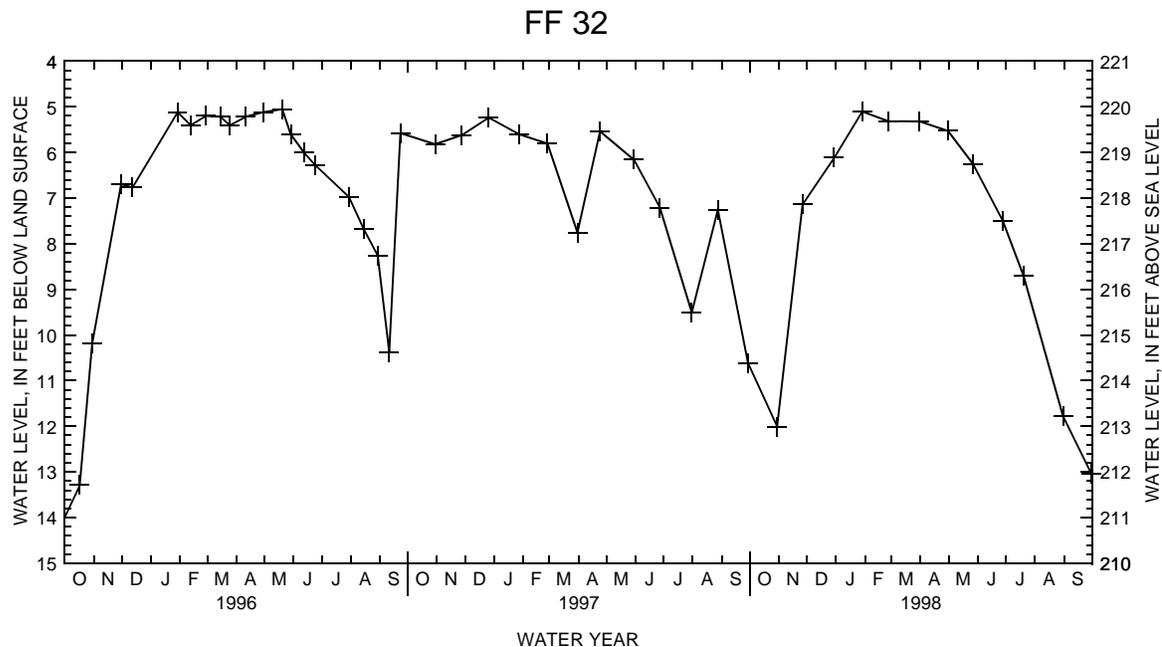
Measuring point: Top of steel protective casing, 0.50 ft above land-surface datum.

PERIOD OF RECORD.--August 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.70 ft below land-surface datum, April 25, 1994; lowest water level measured, 14.01 ft below land-surface datum, September 30, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 12.01 | JAN 29 | 5.10 | APR 30 | 5.52 | JUL 30 | 8.70 |
| NOV 26 | 7.13 | FEB 26 | 5.31 | MAY 27 | 6.25 | AUG 31 | 11.78 |
| DEC 30 | 6.11 | MAR 31 | 5.31 | JUN 28 | 7.50 | SEP 30 | 13.03 |
| WATER YEAR 1998 | HIGHEST | 5.10 | JAN 29, 1998 | LOWEST | 13.03 | SEP 30, 1998 | |



FAIRFIELD COUNTY--Continued

411058073182001. Local Number, **FF 33**.

LOCATION.--Lat 41°10'58", long 73°18'20", Hydrologic Unit 01100006, Timothy Dwight School, Redding Road 50 ft north of driveway, 50 ft east of Redding Road.
Fairfield; Westport quadrangle.
Owner: Town of Fairfield.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in, depth 25 ft, screened 20 to 25 ft.

INSTRUMENTATION.--From August 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 155 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 1.00 ft above land-surface datum.

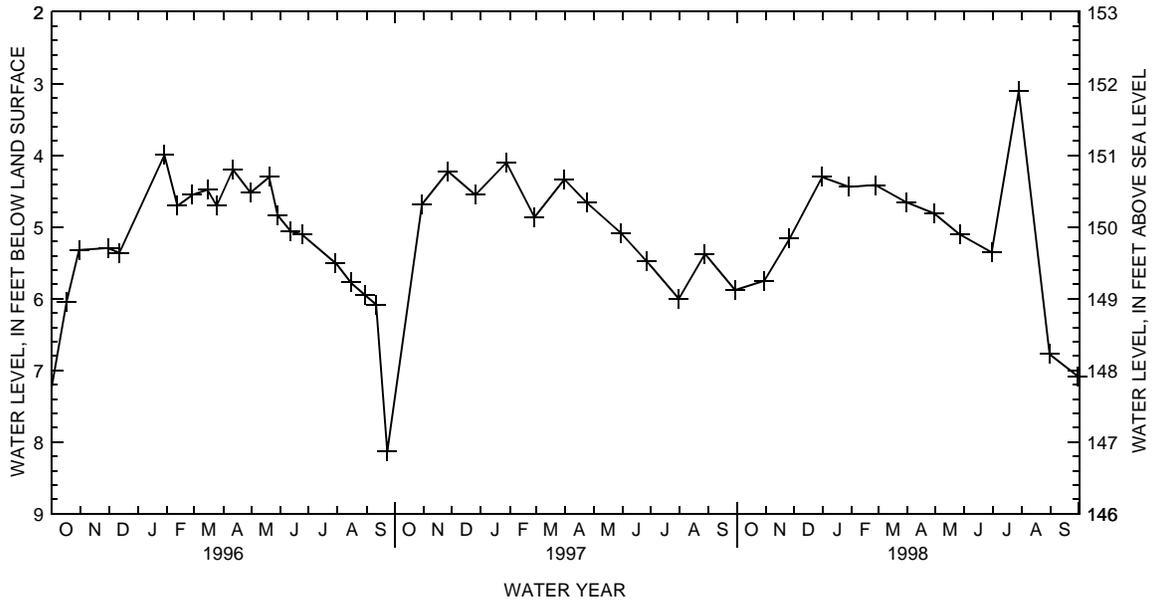
PERIOD OF RECORD.--August 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.10 ft below land-surface datum, July 29, 1998; lowest water level measured, 8.13 ft below land-surface datum, September 23, 1996.

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

| WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | |
|-----------------|------|-------------|------|--------------|--------|-------------|--------------|
| OCT 30 | 5.75 | JAN 29 | 4.44 | APR 30 | 4.81 | JUL 29 | 3.10 |
| NOV 26 | 5.16 | FEB 26 | 4.41 | MAY 27 | 5.10 | AUG 31 | 6.77 |
| DEC 30 | 4.30 | MAR 31 | 4.65 | JUN 30 | 5.35 | SEP 30 | 7.08 |
| WATER YEAR 1998 | | HIGHEST | 3.10 | JUL 29, 1998 | LOWEST | 7.08 | SEP 30, 1998 |

FF 33



GROUND-WATER LEVELS

FAIRFIELD COUNTY--Continued

412429073165101. Local Number, NT 15.

LOCATION.--Lat 41°24'29", long 73°16'51", Hydrologic Unit 01100005, 0.65 mi southwest of State Route 34 on Mile Hill Road and 0.25 mi north on a Fairfield State Hospital road, Newtown; Newtown quadrangle.

Owner: State of Connecticut.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 1.25 in, depth 33 ft, plastic casing to 31 ft, well point 31 to 33 ft.

INSTRUMENTATION.--Prior to November 1990 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 265 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 2.20 ft above land-surface datum.

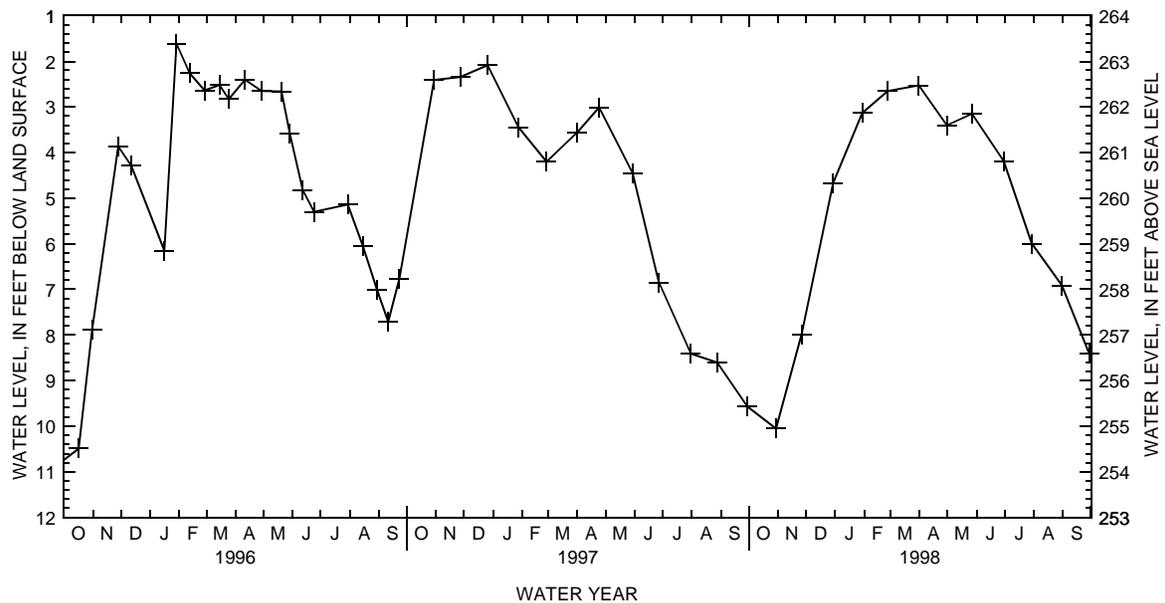
PERIOD OF RECORD.--January 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.30 ft below land-surface datum, May 25, 1989; lowest water level measured, 11.14 ft below land-surface datum, October 26, 1988.

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

| WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | |
|-----------------|-------|-------------|------|--------------|--------|-------------|--------------|
| OCT 30 | 10.05 | JAN 30 | 3.13 | APR 30 | 3.40 | JUL 30 | 6.00 |
| NOV 26 | 7.99 | FEB 26 | 2.65 | MAY 27 | 3.15 | AUG 31 | 6.92 |
| DEC 30 | 4.67 | MAR 31 | 2.53 | JUN 30 | 4.19 | SEP 29 | 8.40 |
| WATER YEAR 1998 | | HIGHEST | 2.53 | MAR 31, 1998 | LOWEST | 10.05 | OCT 30, 1997 |

NT 15



HARTFORD COUNTY

414615072581601. Local Number, BU 2.

LOCATION.--Lat 41°46'15", long 72°58'16", Hydrologic Unit 01080207, 95 ft north of State Route 4 at junction with Route 69, Burlington; Collinsville quadrangle.
Owner: Snow Realty, Bristol.

AQUIFER.--Stratified drift (sand and gravel) of Pleistocene age.

WELL CHARACTERISTICS.--Dug, unused, water-table well, diameter 36 in, depth 37 ft, stone-lined.

INSTRUMENTATION.--ADR water-level recorder- 60 minute punch, May 2, 1986 through September 23, 1987. Prior to May 1986 and from February 29, 1988 to November 1990, measured monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

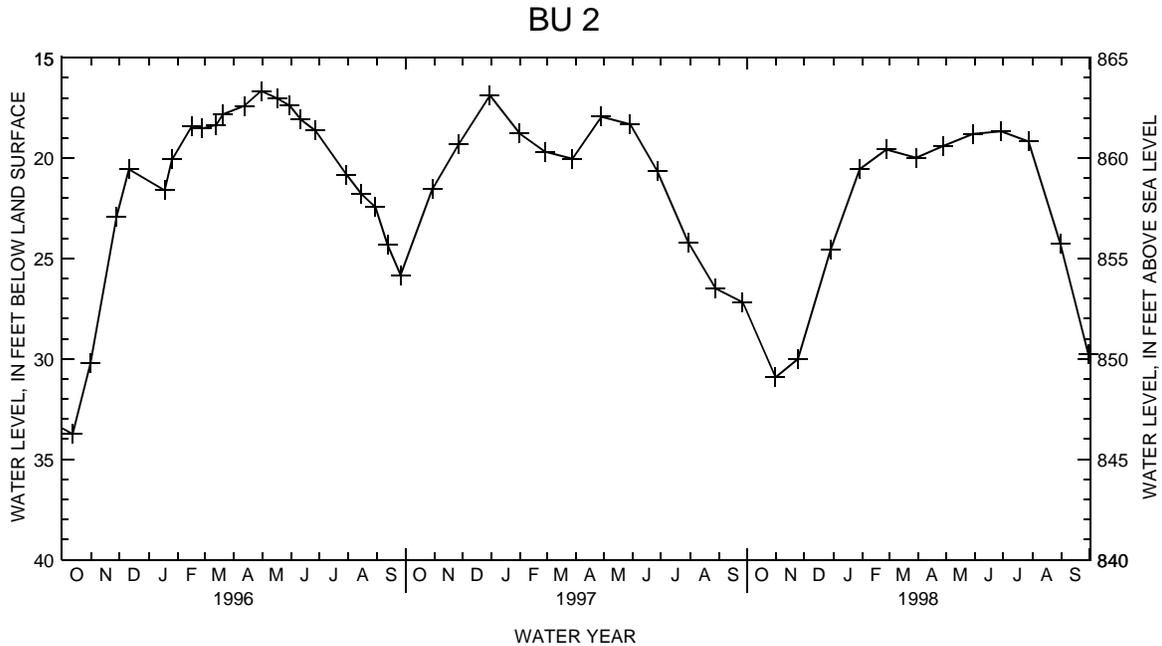
DATUM.--Elevation of land-surface datum is 880 ft above sea level, from topographic map. Measuring point: Top of 8-inch PVC casing 8.84 ft below original land-surface datum, under manhole cover.

PERIOD OF RECORD.--April 1946 to September 1987 and February 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.70 ft below land-surface datum, August 19, 1955; lowest water level measured, 37.41 ft below land-surface datum, December 22, 1948.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 31 | 30.92 | JAN 29 | 20.54 | APR 28 | 19.40 | JUL 28 | 19.17 |
| NOV 24 | 30.00 | FEB 26 | 19.57 | MAY 30 | 18.80 | AUG 31 | 24.27 |
| DEC 29 | 24.53 | MAR 30 | 19.99 | JUN 29 | 18.67 | SEP 30 | 29.77 |
| WATER YEAR 1998 | HIGHEST | 18.67 | JUN 29, 1998 | LOWEST | 30.92 | OCT 31, 1997 | |



GROUND-WATER LEVELS
HARTFORD COUNTY--Continued

415450072332201. Local Number, **EW 133**.

LOCATION--Lat 41°54'50", long 72°33'22", Hydrologic Unit 01080205, about 170 ft east of Church St. and about 75 ft south of Mill St. (State Route 191), 15 ft north of Broad Brook, East Windsor; Broad Brook quadrangle.

Owner: Otto Fresse

AQUIFER--Till of Pleistocene age.

WELL CHARACTERISTICS--Augered, unused, water-table well, diameter 2 in, depth 22.6 ft, PVC casing, screened 21.6 to 22.6.

INSTRUMENTATION--Prior to November 1990 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM--Elevation of land-surface datum is 40 ft above sea level, from topographic map.

Measuring point: Top of recorder shelter floor 4.07 ft above land-surface datum.

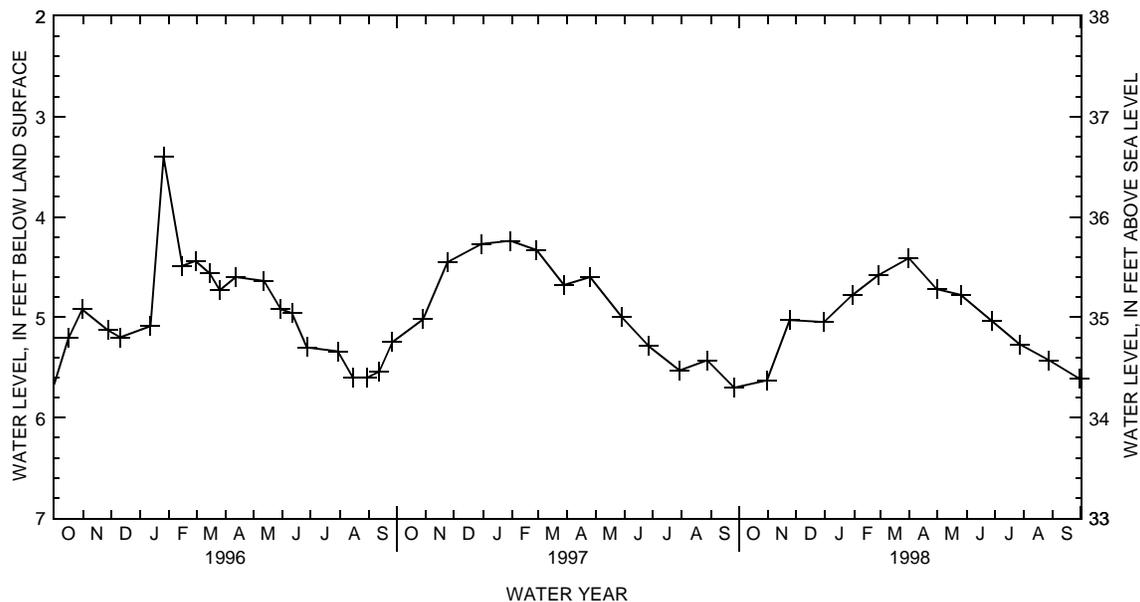
PERIOD OF RECORD--January 1986 to current year.

EXTREMES FOR PERIOD OF RECORD--Highest water level measured, 1.40 ft below land-surface datum, May 25, 1989; lowest water level measured, 6.66 ft below land-surface datum, September 29, 1986.

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

| WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | |
|-----------------|------|-------------|-------------------|-------------|-------------------|-------------|------|
| OCT 31 | 5.63 | JAN 30 | 4.78 | APR 30 | 4.72 | JUL 28 | 5.27 |
| NOV 24 | 5.03 | FEB 27 | 4.58 | MAY 26 | 4.78 | AUG 28 | 5.43 |
| DEC 31 | 5.05 | MAR 31 | 4.41 | JUN 28 | 5.04 | SEP 29 | 5.61 |
| WATER YEAR 1998 | | HIGHEST | 4.41 MAR 31, 1998 | LOWEST | 5.63 OCT 31, 1997 | | |

EW 133



HARTFORD COUNTY--Continued

415548072311301. Local Number, EW 134.

LOCATION.--Lat 41°55'48", long 72°31'13", Hydrologic Unit 01080205, about 400 ft east of East St. and about 0.75 mi north of Depot St., East Windsor; Broad Brook quadrangle.

Owner: Myers Nursery

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 102.1 ft, PVC casing, screened 99.1 to 102.1 ft.

INSTRUMENTATION.--Prior to November 1990 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 185 ft above sea level, from topographic map. Measuring point: Top of PVC casing, 1.25 ft above land-surface datum.

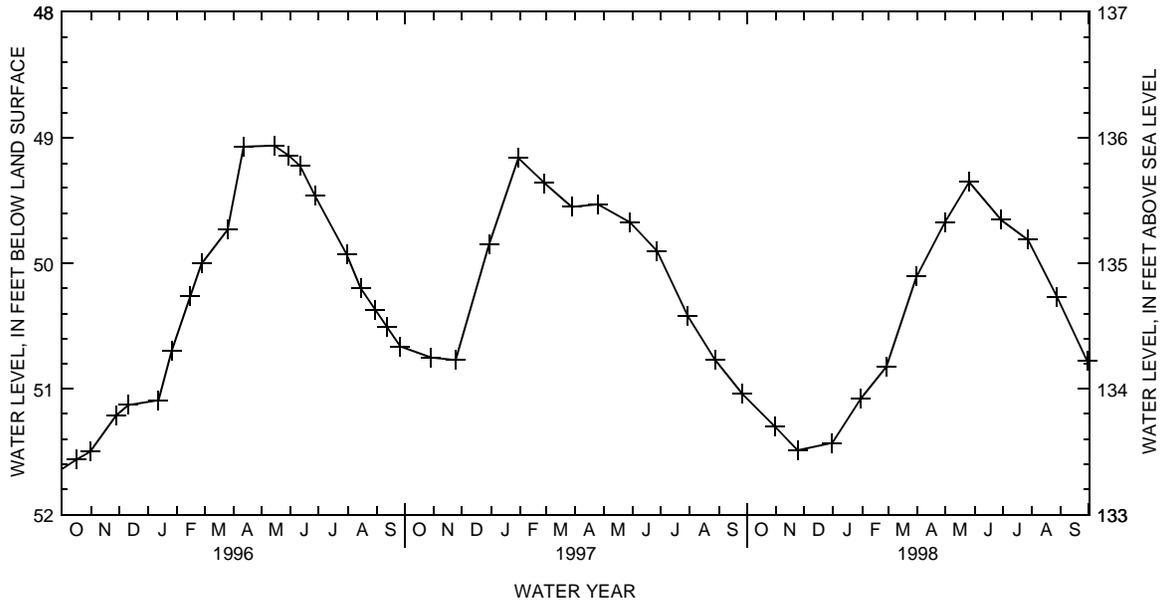
PERIOD OF RECORD.--January 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.91 ft below land-surface datum, June 14, 1991; lowest water level measured, 51.66 ft below land-surface datum, January 27, 1993.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|----------------------------|--------------|--------------|
| OCT 31 51.30 | JAN 30 51.08 | APR 30 49.67 | JUL 28 49.81 |
| NOV 24 51.49 | FEB 27 50.82 | MAY 26 49.35 | AUG 28 50.27 |
| DEC 31 51.43 | MAR 31 50.10 | JUN 29 49.65 | SEP 29 50.78 |
| WATER YEAR 1998 | HIGHEST 49.35 MAY 26, 1998 | LOWEST 51.49 | NOV 24, 1997 |

EW 134



GROUND-WATER LEVELS
HARTFORD COUNTY--Continued

415649072494801. Local Number, **GR 328.**

LOCATION.--Lat 41°56'49", long 72°49'48", Hydrologic Unit 01080207; 1,150 ft east of junction of Day St. and Simsbury Rd. on field lane to field, well is 320 ft east of fence line and 60 ft north of wood line and 10 ft from east fence line, Granby; Tariffville quadrangle.
Owner: Town of Granby.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in, depth 22 ft, PVC casing, slotted 20 to 22 ft.

INSTRUMENTATION.--Prior to October 27, 1988 measurements made monthly with a chalked tape by State Natural Resources Center personnel; ADR water-level recorder with 60-minute punch installed October 27, 1988; intermittent water level measurements made with a chalked tape during water year 1993; measurements made biweekly with a chalked tape during water year 1994; from October 1994 through September 1996 measurements made biweekly with an electric tape by USGS personnel; since October 1996 measurements made monthly with an electric tape by USGS personnel.

DATUM.--Elevation of land-surface datum is 440 ft above sea level, from topographic map.
Measuring point: Top of PVC casing, 0.84 ft above land-surface datum.

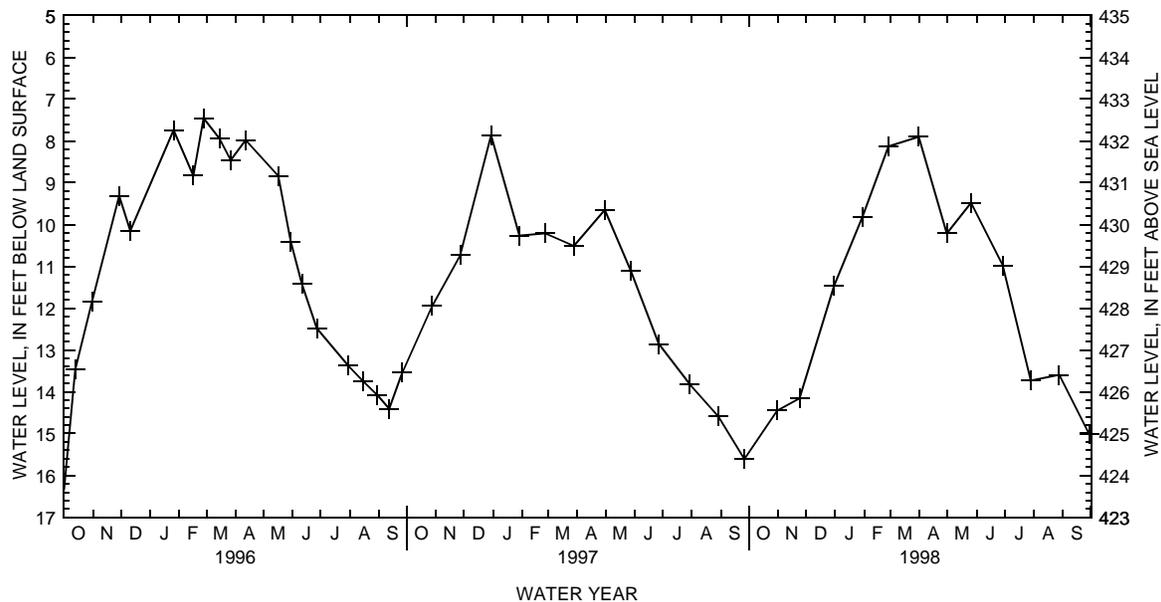
PERIOD OF RECORD.--June 1981 to September 1992. Only 4 measurements during water year 1993. October 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.49 ft below land-surface datum, June 1, 1984; lowest water level measured, 17.44 ft below land-surface datum, November 4, 1988.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 31 | 14.45 | JAN 30 | 9.82 | APR 30 | 10.21 | JUL 29 | 13.73 |
| NOV 24 | 14.15 | FEB 27 | 8.13 | MAY 26 | 9.48 | AUG 28 | 13.59 |
| DEC 31 | 11.47 | MAR 31 | 7.90 | JUN 29 | 10.98 | SEP 28 | 15.01 |
| WATER YEAR 1998 | HIGHEST | 7.90 | MAR 31, 1998 | LOWEST | 15.01 | SEP 28, 1998 | |

GR 328



GROUND-WATER LEVELS

HARTFORD COUNTY--Continued

415647072495901. Local Number, GR 329.

LOCATION.--Lat 41°56'47", long 72°49'59", Hydrologic Unit 01080207; 1,150 ft east of junction of Day St. and Simsbury Rd. on field lane to field, well is 10 ft east of stone wall, 150 ft south of field lane along stone wall which runs north and south, Granby; Tariffville quadrangle. Owner: Town of Granby.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in, depth 22 ft, PVC casing, slotted 20 to 22 ft.

INSTRUMENTATION.--Prior to October 27, 1988 measurements made monthly with a chalked tape by State Natural Resources Center personnel; ADR water-level recorder with 60-minute punch installed October 27, 1988; intermittent water level measurements made with a chalked tape during water year 1993; measurements made biweekly with a chalked tape during water year 1994; from October 1994 through September 1996 measurements made biweekly with an electric tape by USGS personnel; since October 1996 measurements made monthly with an electric tape by USGS personnel.

DATUM.--Elevation of land-surface datum is 400 ft above sea level, from topographic map. Measuring point: Top of PVC casing, 2.32 ft above land-surface datum.

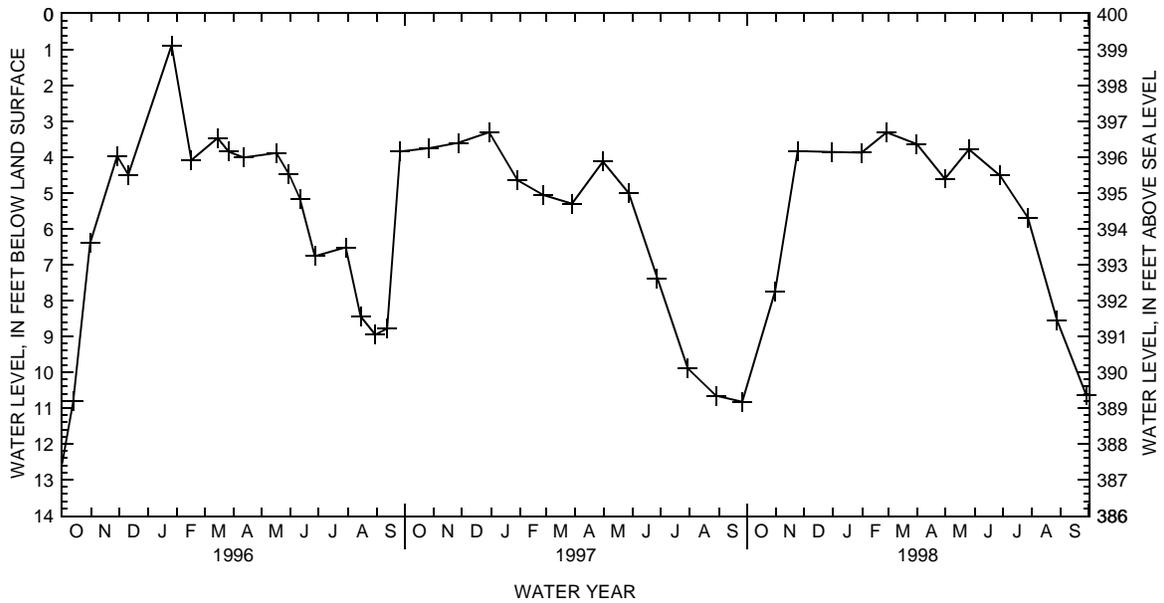
PERIOD OF RECORD.--May 1982 to September 1992. Only 4 measurements during water year 1993. October 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.88 ft below land-surface datum, January 26, 1996; lowest water level measured, 13.13 ft below land-surface datum, October 28, 1988.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|---|---------------------------|-------------|--------------|
| OCT 31 7.75 | JAN 31 3.88 | APR 30 4.60 | JUL 28 5.69 |
| NOV 24 3.83 | FEB 27 3.31 | MAY 26 3.78 | AUG 28 8.56 |
| DEC 31 3.86 | MAR 31 3.64 | JUN 28 4.51 | SEP 28 10.63 |
| WATER YEAR 1998 HIGHEST 3.31 FEB 27, 1998 | LOWEST 10.63 SEP 28, 1998 | | |

GR 329



GROUND-WATER LEVELS
HARTFORD COUNTY--Continued

415643072502201. Local Number, GR 330.

LOCATION.--Lat 41°56'43", long 72°50'22", Hydrologic Unit 01080207; 1,000 ft west of junction of Day St. and Simsbury Rd. on west side of alfalfa field, 50 ft from bank of west branch of Salmon River, 250 ft south along field, 10 ft west of edge of field, Granby; Tariffville quadrangle.

Owner: Town of Granby.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Bored, unused, water table well, diameter 2 in, depth 22 ft, PVC casing, slotted 20 to 22 ft.

INSTRUMENTATION.--Prior to October 27, 1988 measurements made monthly with a chalked tape by State Natural Resources Center personnel; ADR water-level recorder with 60-minute punch installed October 27, 1988; intermittent water level measurements made with a chalked tape during water year 1993; measurements made biweekly with a chalked tape during water year 1994; from October 1994 through September 1996 measurements made biweekly with an electric tape by USGS personnel; since October 1996 measurements made monthly with an electric tape by USGS personnel.

DATUM.--Elevation of land-surface datum is 309 ft above sea level, from topographic map. Measuring point: Top of PVC casing, 2.29 ft above land-surface datum.

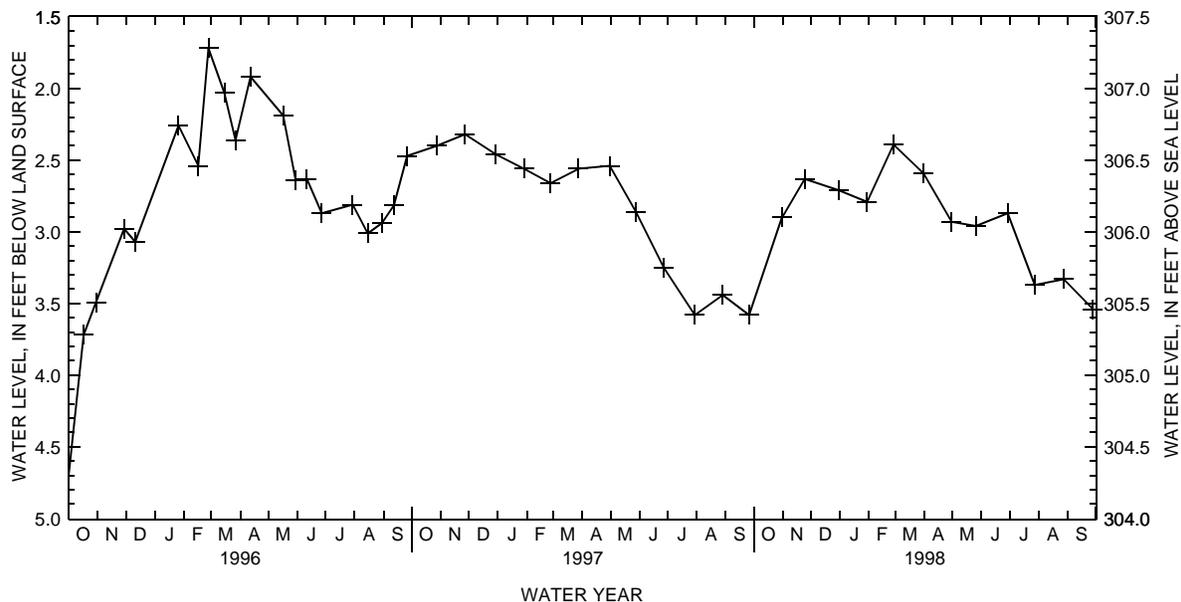
PERIOD OF RECORD.-- May 1982 to September 1992. Only 4 measurements made during water year 1993. October 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 0.01 ft below land-surface datum, October 20, 1989; lowest water level measured, 5.47 ft below land-surface datum, April 10, 1987.

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

| WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | |
|-----------------|------|-------------|-------------------|-------------|------|--------------|------|
| OCT 31 | 2.90 | JAN 30 | 2.79 | APR 30 | 2.93 | JUL 28 | 3.37 |
| NOV 24 | 2.63 | FEB 27 | 2.39 | MAY 26 | 2.96 | AUG 28 | 3.33 |
| DEC 31 | 2.71 | MAR 31 | 2.59 | JUN 29 | 2.87 | SEP 28 | 3.54 |
| WATER YEAR 1998 | | HIGHEST | 2.39 FEB 27, 1998 | LOWEST | 3.54 | SEP 28, 1998 | |

GR 330



HARTFORD COUNTY--Continued

415653072501701. Local Number, GR 331.

LOCATION.--Lat 41°56'53", long 72°50'17", Hydrologic Unit 01080207; along north side of field road 30 ft west of Simsbury Road, and 900 ft north from junction with Day Street, South Granby; Tariffville quadrangle.
Owner: Town of Granby.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Bored, unused, water table well, diameter 2 in, depth 31.5 ft, PVC casing, slotted 29.5 to 31.5 ft.

INSTRUMENTATION.--Prior to October 27, 1988 measurements made monthly with a chalked tape by State Natural Resources Center personnel; ADR water-level recorder with 60-minute punch installed October 27, 1988; intermittent water level measurements made with a chalked tape during water year 1993; measurements made biweekly with a chalked tape during water year 1994; from October 1994 through September 1996 measurements made biweekly with an electric tape by USGS personnel; since October 1996 measurements made monthly with an electric tape by USGS personnel.

DATUM.--Elevation of land-surface datum is 327 ft above sea level, from topographic map. Measuring point: Top of PVC casing, 2.36 ft above land-surface datum.

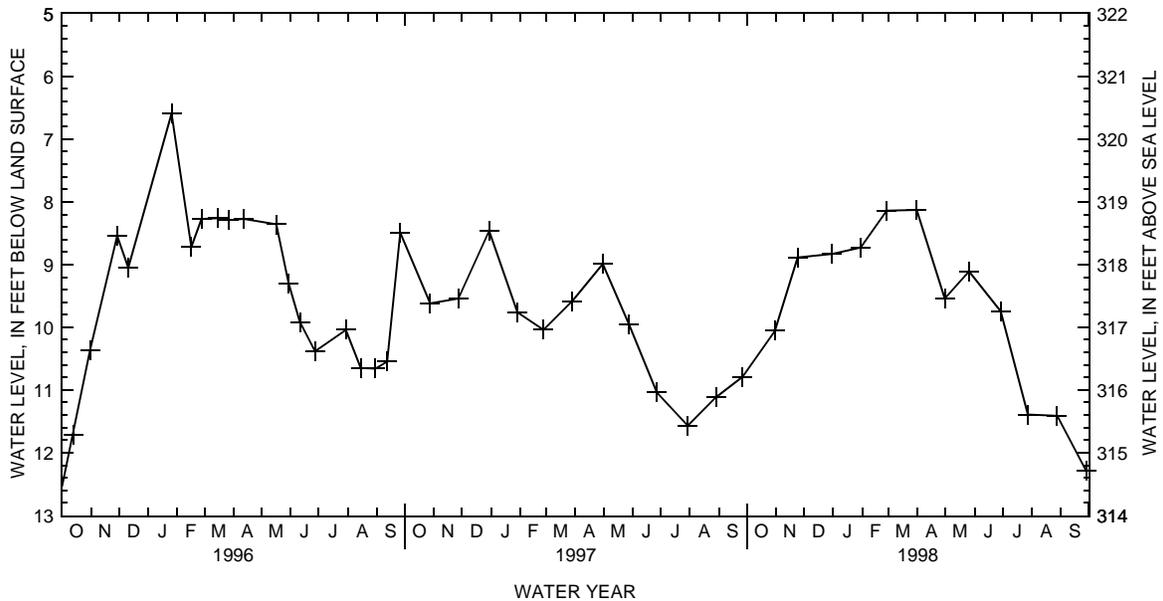
PERIOD OF RECORD.--March 1983 to September 1992. Only 4 measurements made during water year 1993. October 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.41 ft below land-surface datum, April 22, 1983; lowest water level measured, 13.30 ft below land-surface datum, September 29, 1983.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|---|---------------------------|-------------|--------------|
| OCT 31 10.05 | JAN 30 8.73 | APR 30 9.54 | JUL 28 11.39 |
| NOV 24 8.89 | FEB 27 8.14 | MAY 26 9.11 | AUG 28 11.41 |
| DEC 31 8.83 | MAR 31 8.13 | JUN 29 9.75 | SEP 28 12.29 |
| WATER YEAR 1998 HIGHEST 8.13 MAR 31, 1998 | LOWEST 12.29 SEP 28, 1998 | | |

GR 331



GROUND-WATER LEVELS
HARTFORD COUNTY--Continued

413535072253701. Local Number, MB 32.

LOCATION.--Lat 41°35'35", long 72°25'37", Hydrologic Unit 01080205, in southwest corner of field about 25 ft east of 4H Camp road at sharp turn to the west, which is about 1,000 ft southeast of South Road; Marlborough; Moodus quadrangle.

Owner: Hartford County 4H.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 16.5 ft, PVC casing, screened 14.6 to 16.5 ft.

INSTRUMENTATION.--Prior to September 1991 measurements made monthly; from September 1991 through September 1993 measurements made with a chalked tape by State Natural Resources Center personnel; from October 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements since October 1993 made by USGS personnel.

DATUM.--Elevation of land-surface datum is 255 ft above sea level, from topographic map.

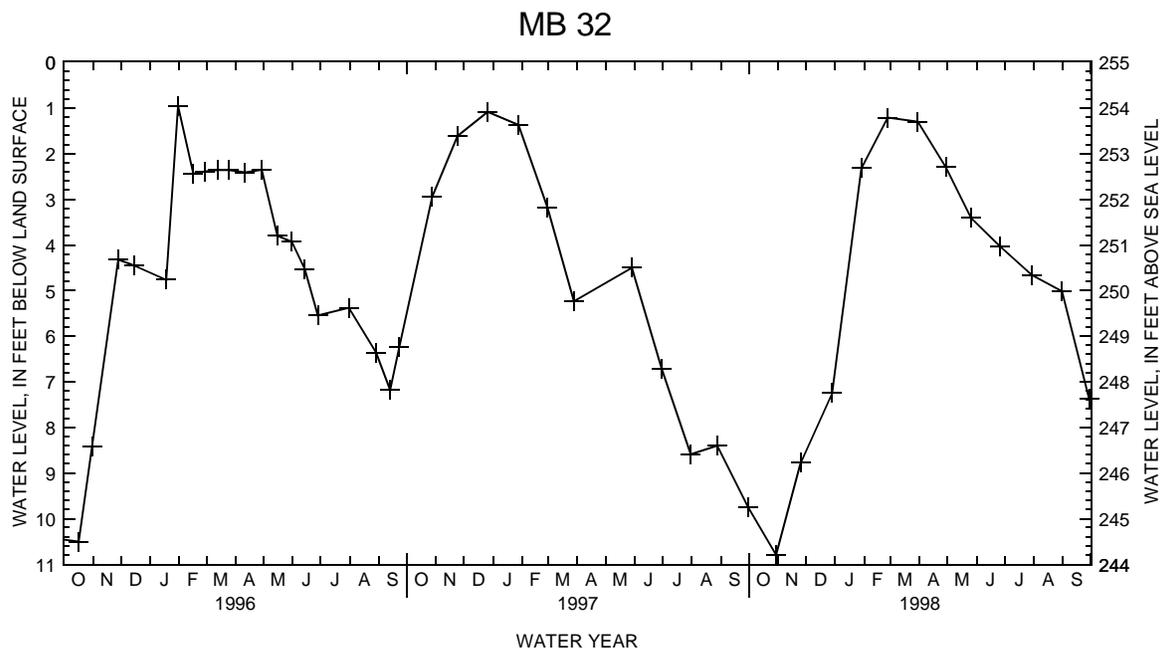
Measuring point: Top of steel protective casing, 2.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.30 ft below land-surface datum, March 30, 1994; lowest water level measured, 10.80 ft below land-surface datum, October 30, 1997.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 10.80 | JAN 29 | 2.31 | APR 29 | 2.30 | JUL 30 | 4.66 |
| NOV 25 | 8.78 | FEB 26 | 1.21 | MAY 26 | 3.41 | AUG 31 | 5.01 |
| DEC 29 | 7.25 | MAR 30 | 1.30 | JUN 26 | 4.03 | SEP 29 | 7.37 |
| WATER YEAR 1998 | HIGHEST | 1.21 | FEB 26, 1998 | LOWEST | 10.80 | OCT 30, 1997 | |



HARTFORD COUNTY--Continued

413554072270201. Local Number, MB 35.

LOCATION.--Lat 41°35'35", long 72°25'37", Hydrologic Unit 01080205, Ogden Lord Road, one mile north of Colchester Town line 20 ft west of road, Marlborough; Moodus quadrangle.

Owner: State of Connecticut.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 20.5 ft, PVC casing, screened 15.5 to 20.5 ft.

INSTRUMENTATION.--From August 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 515 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 2.0 ft above land-surface datum.

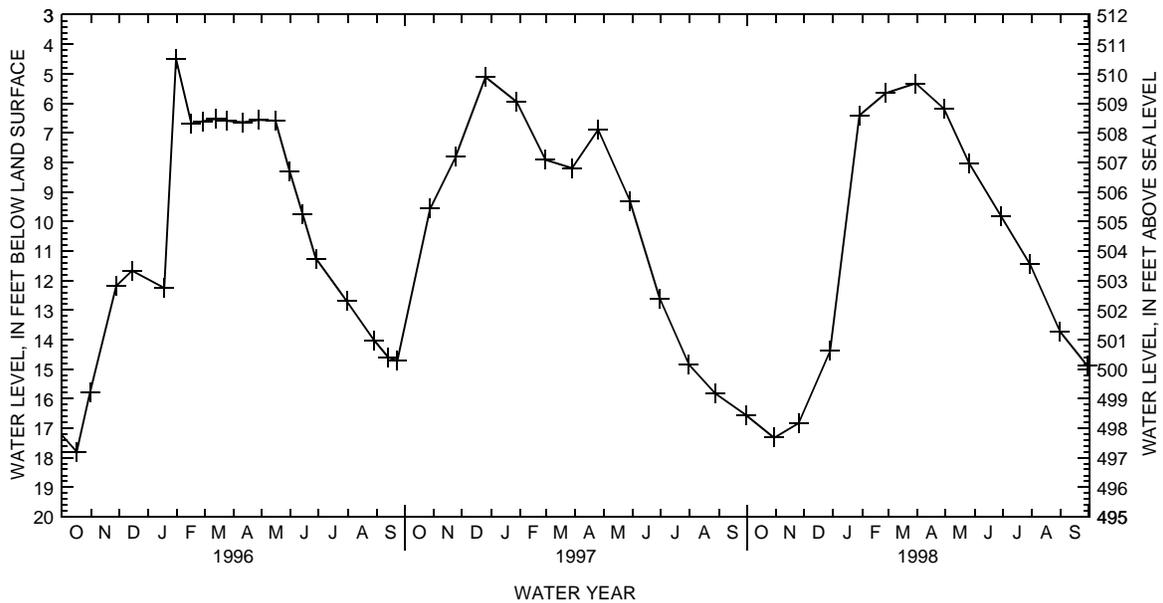
PERIOD OF RECORD.--August 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.67 ft below land-surface datum, March 30, 1994; lowest water level measured, 18.74 ft below land-surface datum, October 28, 1993.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|---|---------------------------|-------------|--------------|
| OCT 30 17.32 | JAN 29 6.40 | APR 29 6.17 | JUL 30 11.44 |
| NOV 25 16.82 | FEB 26 5.65 | MAY 26 8.02 | AUG 31 13.73 |
| DEC 29 14.37 | MAR 30 5.32 | JUN 29 9.83 | SEP 29 14.88 |
| WATER YEAR 1998 HIGHEST 5.32 MAR 30, 1998 | LOWEST 17.32 OCT 30, 1997 | | |

MB 35



GROUND-WATER LEVELS
HARTFORD COUNTY--Continued

413518072264501. Local Number, **MB 36**.

LOCATION.--Lat 41°35'18", long 72°26'45", Hydrologic Unit 01080205, Ogden Lord Road, 1,000 ft north of Colchester Town line 60 ft west of road, Marlborough; Moodus quadrangle.

Owner: State of Connecticut.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 18.55 ft, PVC casing, screened 13.55 to 18.55 ft.

INSTRUMENTATION.--From August 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 485 ft above sea level, from topographic map.

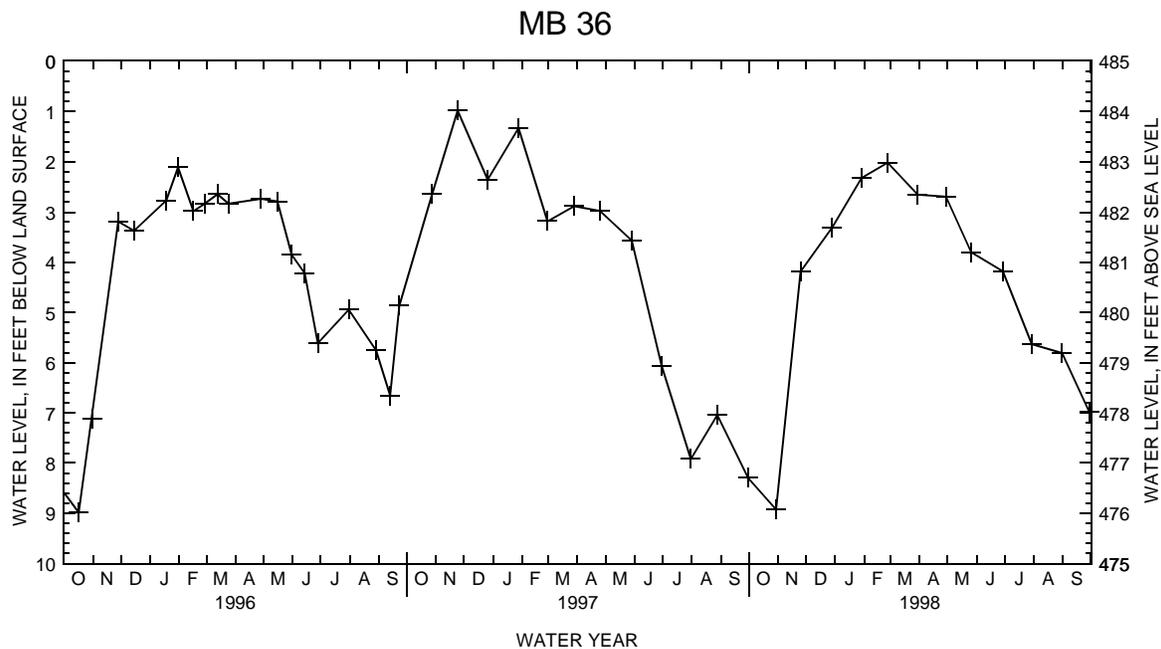
Measuring point: Top of steel protective casing, 2.50 ft above land-surface datum.

PERIOD OF RECORD.--August 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.98 ft below land-surface datum, November 24, 1996; lowest water level measured, 9.69 ft below land-surface datum, September 13, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 8.93 | JAN 29 | 2.32 | APR 29 | 2.69 | JUL 30 | 5.63 |
| NOV 25 | 4.18 | FEB 26 | 2.01 | MAY 26 | 3.80 | AUG 31 | 5.81 |
| DEC 29 | 3.30 | MAR 30 | 2.65 | JUN 29 | 4.18 | SEP 29 | 6.98 |
| WATER YEAR 1998 | HIGHEST | 2.01 | FEB 26, 1998 | LOWEST | 8.93 | OCT 30, 1997 | |



HARTFORD COUNTY--Continued

414910072372101. Local Number, SW 64.

LOCATION.--Lat 41°49'10", long 72°37'21", Hydrologic Unit 01080205, 15 ft north of apartment building at 652-9 Main Street, South Windsor; Manchester quadrangle.
Owner: Frank Pierce, Jr.

AQUIFER.--Stratified drift of Pleistocene age (sand).

WELL CHARACTERISTICS.--Dug, unused, water-table well, diameter 24 in, depth 18 ft, brick-lined.

INSTRUMENTATION.--Prior to November 1990 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 40 ft above sea level, from topographic map.
Measuring point: Top edge of hole in flagstone cover, 0.50 ft above land-surface datum.

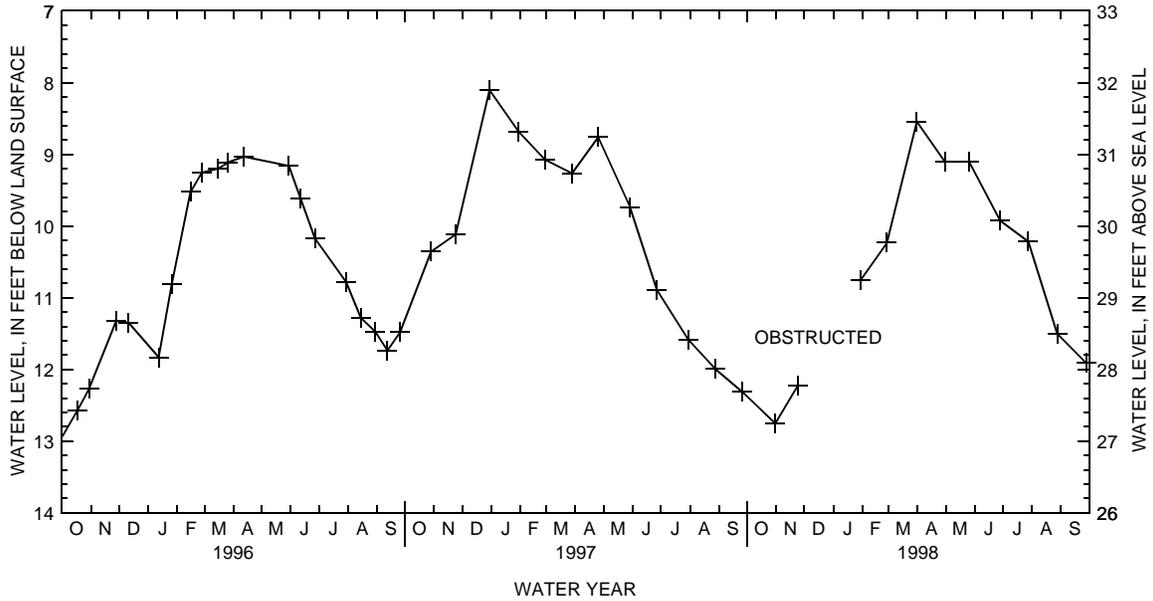
PERIOD OF RECORD.--November 1934 to September 1939 and October 1948 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.12 ft below land-surface datum, April 26, 1983; lowest water level measured, 15.22 ft below land-surface datum, January 26, 1966.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 31 | 12.75 | FEB 27 | 10.23 | MAY 26 | 9.10 | AUG 28 | 11.50 |
| NOV 24 | 12.22 | MAR 31 | 8.54 | JUN 29 | 9.92 | SEP 28 | 11.91 |
| JAN 30 | 10.75 | APR 30 | 9.10 | JUL 28 | 10.21 | | |
| WATER YEAR 1998 | HIGHEST | 8.54 | MAR 31, 1998 | LOWEST | 12.75 | OCT 31, 1997 | |

SW 64



GROUND-WATER LEVELS

LITCHFIELD COUNTY

420125073193001. Local Number, NOC 7.

LOCATION.--Lat 42°01'25", long 73°19'30", Hydrologic Unit 01100005, 300 ft south and 75 ft west of junction of State Routes 7 and 44, North Canaan; Ashley Falls quadrangle.

Owner: James Lyle.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Dug, unused, water-table well, diameter 24 in, depth 12 ft, stone-lined.

INSTRUMENTATION.--Measurements made weekly, July 18, 1988 to August 31, 1989. Prior to July 18, 1988 measured monthly; since August 31, 1989 measured biweekly with a chalked tape by observer.

DATUM.--Elevation of land-surface datum is 675 ft above sea level, from topographic map.

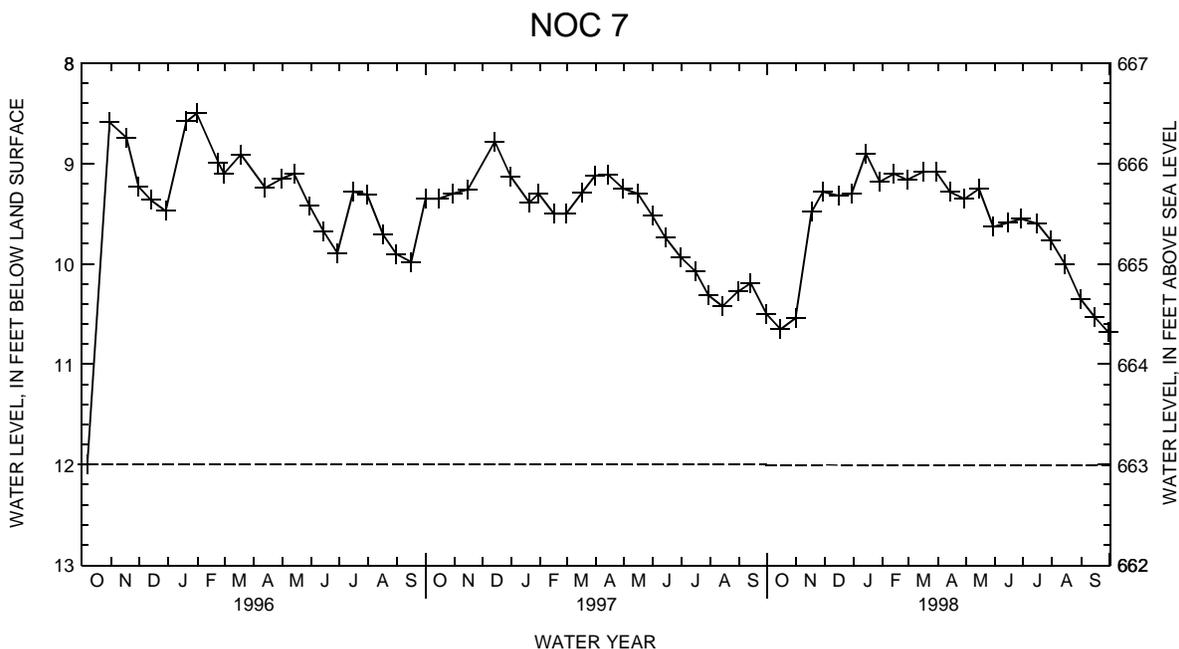
Measuring point: Top of small curving knob on rock, north side, at land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.40 ft below land-surface datum, November 23 and December 8, 1984; lowest water level measured, dry (lower than 12 ft below land-surface datum) on September 15, 29, and October 6, 1995.

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

| WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | |
|-----------------|-------|-------------|------|--------------|--------|-------------|--------------|
| OCT 15 | 10.65 | JAN 14 | 8.90 | APR 14 | 9.28 | JUL 16 | 9.60 |
| 31 | 10.54 | 29 | 9.18 | 29 | 9.35 | 30 | 9.76 |
| NOV 17 | 9.48 | FEB 13 | 9.10 | MAY 15 | 9.25 | AUG 14 | 10.00 |
| 29 | 9.28 | 27 | 9.16 | 30 | 9.63 | 31 | 10.35 |
| DEC 16 | 9.32 | MAR 16 | 9.08 | JUN 15 | 9.59 | SEP 15 | 10.53 |
| 30 | 9.30 | 30 | 9.08 | 29 | 9.55 | 30 | 10.68 |
| WATER YEAR 1998 | | HIGHEST | 8.90 | JAN 14, 1998 | LOWEST | 10.68 | SEP 30, 1998 |



GROUND-WATER LEVELS

LITCHFIELD COUNTY--Continued

415925073252001. Local Number, SY 15

LOCATION.--Lat 41°55'25", long 73°25'20", Hydrologic Unit 01100005; 800 ft east of State Route 41
On Lower Cobble Road, 8 ft south of pavement and 10 ft east of fence, Salisbury; Sharon quadrangle.
Owner: Town of Salisbury

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water table well, diameter 2 in, depth 27.4 ft, PVC casing,
screened 24 to 27.4 ft.

INSTRUMENTATION.--Measurements made weekly with a chalked tape by paid observer.

DATUM.--Elevation of land-surface datum is 695 ft above sea level, from topographic map.
Measuring point: At land-surface datum.

REMARKS.--Well frozen from January 26 through March 26, 1997.

PERIOD OF RECORD.--December 1987 to current year.

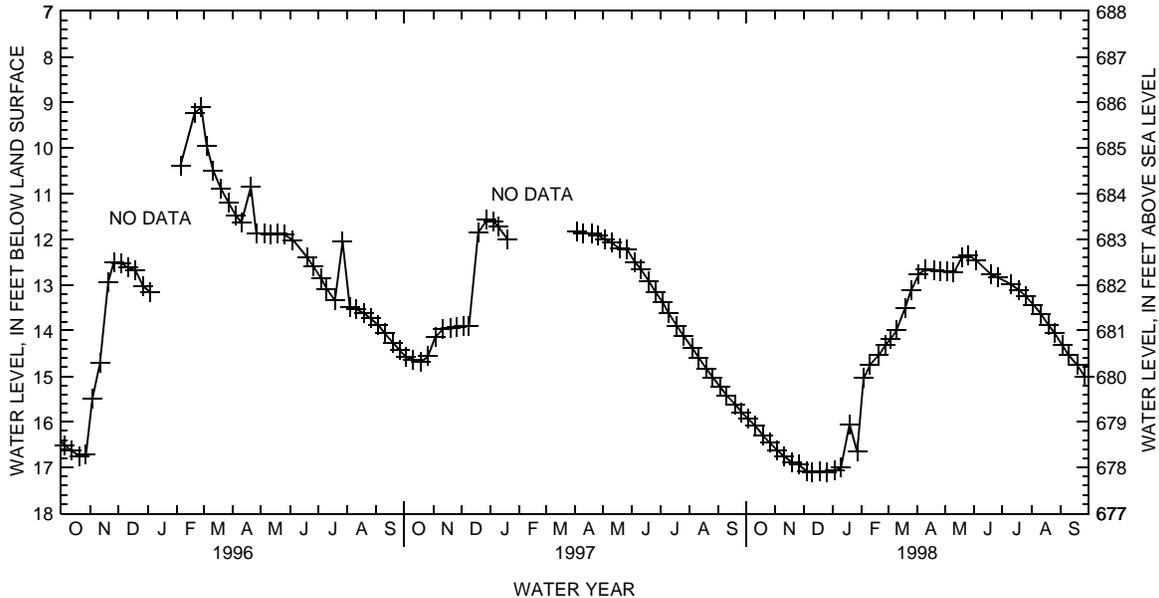
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.14 ft below land-surface datum, March 28, 1993;
lowest water level measured, 17.10 ft below land-surface datum, December 10 & 28, 1997.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 03 | 15.94 | JAN 03 | 17.07 | APR 03 | 12.77 | JUL 10 | 12.98 |
| 10 | 16.08 | 10 | 17.00 | 10 | 12.65 | 19 | 13.11 |
| 19 | 16.31 | 19 | 16.05 | 19 | 12.67 | 26 | 13.24 |
| 26 | 16.46 | 27 | 16.66 | 26 | 12.69 | AUG 03 | 13.43 |
| NOV 03 | 16.62 | FEB 03 | 15.04 | MAY 03 | 12.70 | 11 | 13.63 |
| 10 | 16.75 | 10 | 14.75 | 10 | 12.73 | 19 | 13.87 |
| 19 | 16.89 | 19 | 14.54 | 19 | 12.38 | 26 | 14.06 |
| 26 | 16.94 | 26 | 14.32 | 26 | 12.34 | SEP 03 | 14.32 |
| DEC 04 | 17.08 | MAR 04 | 14.18 | JUN 03 | 12.45 | 10 | 14.54 |
| 10 | 17.10 | 10 | 14.00 | 19 | 12.77 | 19 | 14.76 |
| 19 | 17.09 | 19 | 13.51 | 26 | 12.83 | 27 | 15.00 |
| 28 | 17.10 | 26 | 13.10 | | | | |

WATER YEAR 1998 HIGHEST 12.34 MAY 26, 1998 LOWEST 17.10 DEC 10 & 28, 1997

SY 15



GROUND-WATER LEVELS

LITCHFIELD COUNTY--Continued

415559073253401. Local Number, SY 23

LOCATION.--Lat 41°55'54", long 73°25'34", Hydrologic Unit 01100005; 450 ft south of junction of Race Track Road on State Route 112, 30 ft southwest of pavement and 10 ft east of woods, Salisbury; Sharon quadrangle. Owner: Connecticut Department of Transportation.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.-- Augered, unused, water-table well, diameter 2 in, depth 51 ft, PVC casing, screened 48 to 51 ft.

INSTRUMENTATION.--Measurements made weekly with a chalked tape by paid observer.

DATUM.--Elevation of land-surface datum is 939 ft above sea level, from topographic map.

Measuring point: Top of PVC casing, 1.50 ft above land-surface datum.

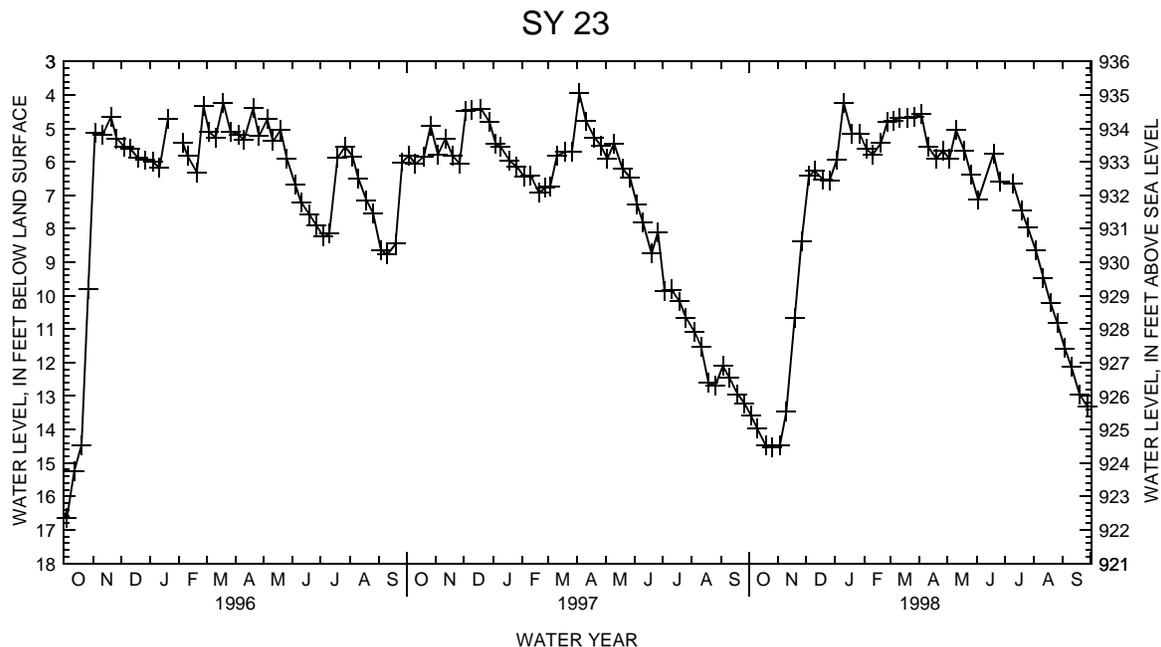
PERIOD OF RECORD.--December 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.87 ft below land-surface datum, April 3, 1993; lowest water level measured, 17.37 ft below land-surface datum, September 25, 1993.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 03 | 13.59 | JAN 03 | 5.94 | APR 03 | 4.58 | JUL 10 | 6.66 |
| 10 | 13.99 | 10 | 4.23 | 10 | 5.56 | 19 | 7.47 |
| 19 | 14.49 | 19 | 5.16 | 19 | 5.90 | 26 | 7.97 |
| 26 | 14.55 | 26 | 5.16 | 26 | 5.67 | AUG 03 | 8.63 |
| NOV 03 | 14.48 | FEB 03 | 5.61 | MAY 03 | 5.92 | 11 | 9.47 |
| 10 | 13.48 | 10 | 5.79 | 10 | 5.05 | 19 | 10.22 |
| 19 | 10.66 | 19 | 5.44 | 19 | 5.68 | 26 | 10.81 |
| 26 | 8.38 | 26 | 4.80 | 26 | 6.38 | SEP 03 | 11.58 |
| DEC 04 | 6.42 | MAR 04 | 4.77 | JUN 03 | 7.14 | 10 | 12.12 |
| 10 | 6.27 | 10 | 4.68 | 19 | 5.76 | 19 | 12.95 |
| 19 | 6.53 | 19 | 4.68 | 26 | 6.60 | 27 | 13.32 |
| 28 | 6.56 | 26 | 4.66 | | | | |

WATER YEAR 1998 HIGHEST 4.23 JAN 10, 1998 LOWEST 14.55 OCT 26, 1997



GROUND-WATER LEVELS

LITCHFIELD COUNTY--Continued

415956073241501. Local Number SY 24

LOCATION.--Lat 41°59'56", long 73°24'15", Hydrologic Unit 01100005; near junction of State Route 44 and Taconic Road, 115 ft north of Route 44 and 50 ft east of Taconic Road, 5 ft north of fence, Salisbury; Sharon quadrangle. Owner: Town of Salisbury.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.-- Augered, unused, water-table well, diameter 2 in, depth 28.27 ft, PVC casing, screened 25.7 to 28.7 ft.

INSTRUMENTATION.--Measurements made weekly with a chalked tape by paid observer.

DATUM.--Elevation of land-surface datum is 815 ft above sea level, from topographic map.

Measuring point: Top of PVC casing, 2.00 ft above land-surface datum.

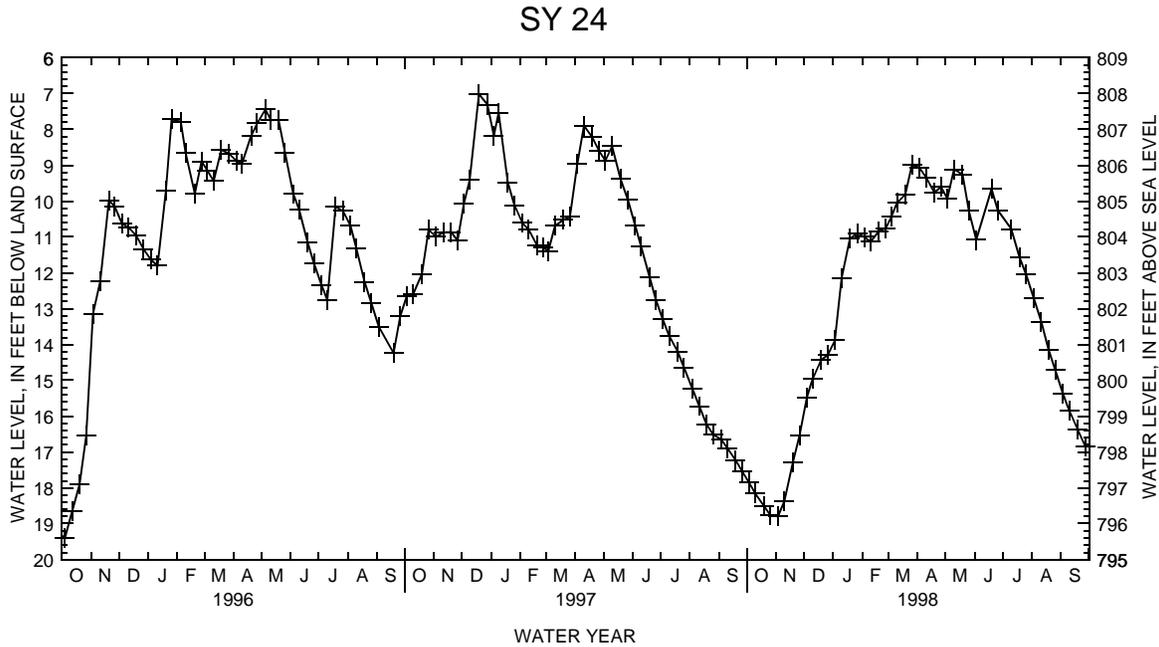
PERIOD OF RECORD.--December 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.36 ft below land-surface datum, April 2, 1994; lowest water level measured, 19.39 ft below land-surface datum, October 04, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 03 | 17.85 | JAN 03 | 13.87 | APR 03 | 9.06 | JUL 10 | 10.78 |
| 10 | 18.16 | 10 | 12.15 | 10 | 9.33 | 19 | 11.57 |
| 19 | 18.50 | 19 | 11.05 | 19 | 9.76 | 26 | 12.03 |
| 26 | 18.77 | 26 | 14.29 | 26 | 9.60 | AUG 03 | 12.69 |
| NOV 03 | 18.80 | FEB 03 | 11.00 | MAY 03 | 9.93 | 11 | 13.36 |
| 10 | 18.38 | 10 | 11.13 | 10 | 9.11 | 19 | 14.14 |
| 19 | 17.29 | 19 | 10.83 | 19 | 9.25 | 26 | 14.71 |
| 26 | 16.53 | 26 | 10.75 | 26 | 10.28 | SEP 03 | 15.37 |
| DEC 04 | 15.47 | MAR 04 | 10.43 | JUN 03 | 11.08 | 10 | 15.85 |
| 10 | 14.96 | 10 | 10.05 | 19 | 9.66 | 19 | 16.37 |
| 19 | 14.43 | 19 | 9.81 | 26 | 10.26 | 27 | 16.83 |
| 28 | 14.29 | 26 | 8.98 | | | | |

WATER YEAR 1998 HIGHEST 8.98 MAR 26, 1998 LOWEST 18.80 NOV 03, 1997



GROUND-WATER LEVELS

LITCHFIELD COUNTY--Continued

413202073122401. Local Number, WY 1.

LOCATION.--Lat 41°32'02", long 73°12'24", Hydrologic Unit 01100005, about 75 ft east of Main Street and 21 ft north of Irene Thulin House and about 500 ft south of Orenaug Road, Woodbury; Woodbury quadrangle.

Owner: Irene Boultsbee.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Dug, unused, water-table well, diameter 30 in, depth 31 ft (formerly 34.2 ft).

INSTRUMENTATION.--Analog recorder installed Oct. 5, 1965; removed May 18, 1970;

ADR water-level recorder with 60-minute punch installed May 7, 1986 and removed December 28, 1987.

Prior to November 1990 measurements made monthly; from November 1990 through

September 1994 measurements made biweekly with a chalked tape; from October 1994 through

September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made

monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 270 ft above sea level, from topographic map.

Measuring point: Top of plywood cover, 2.53 ft above land-surface datum.

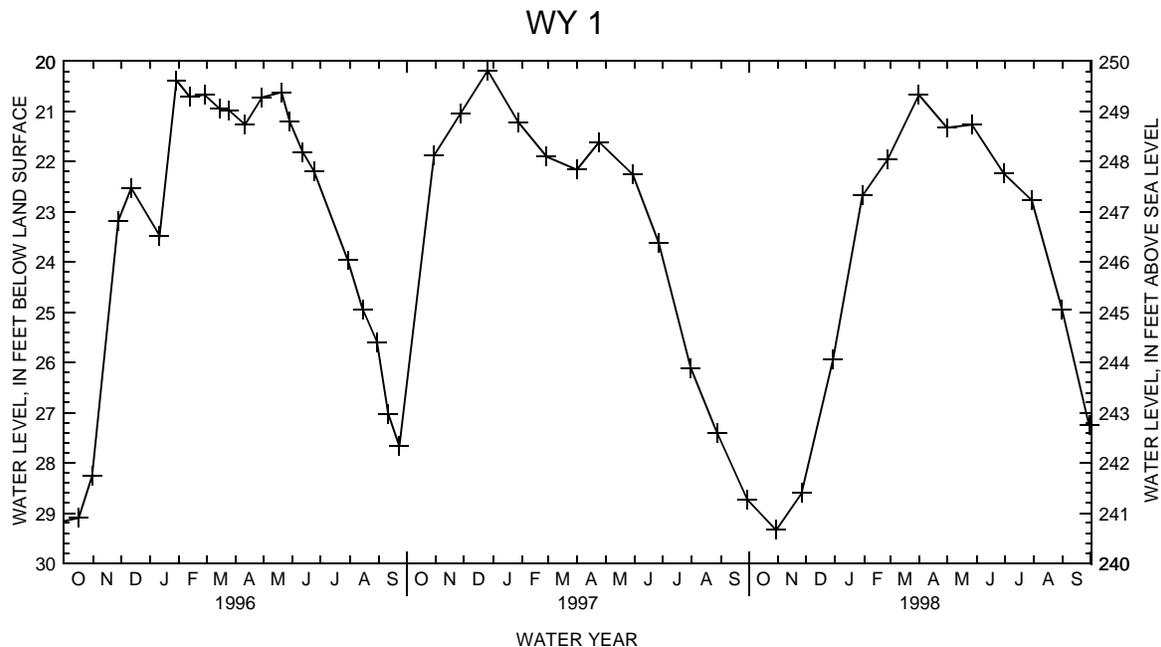
REMARKS.--Water level data available October 1913 through December 1916, not included in period of record due to lack of documentation of measuring point height.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.70 ft below land-surface datum, April 26, 1983; lowest water level measured, 30.81 ft below land-surface datum, September 24, 1981.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|---------------|--------------|--------------|
| OCT 30 29.34 | JAN 30 22.68 | APR 30 21.32 | JUL 30 22.77 |
| NOV 26 28.60 | FEB 26 21.95 | MAY 27 21.27 | AUG 31 24.94 |
| DEC 30 25.94 | MAR 31 20.67 | JUN 30 22.24 | SEP 29 27.25 |
| WATER YEAR 1998 | HIGHEST 20.67 | MAR 31, 1998 | LOWEST 29.34 |
| | | | OCT 30, 1997 |



GROUND-WATER LEVELS

MIDDLESEX COUNTY

411832072325501. Local number, CL 223.

LOCATION.--Lat 41°18'32", long 72°32'55", Hydrologic Unit 01100004, 50 ft west of intersection of Cow Hill Rd. and Sassafrass Drive, 10 ft south of curb, at tree line, Clinton; Clinton quadrangle.
Owner: Town of Clinton.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 64 ft, PVC casing, screened 59 to 64 ft.

INSTRUMENTATION.--From October 1991 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 205 ft above sea level, from topographic map.
Measuring point: Top of steel protective casing, 1.08 ft above land-surface datum.

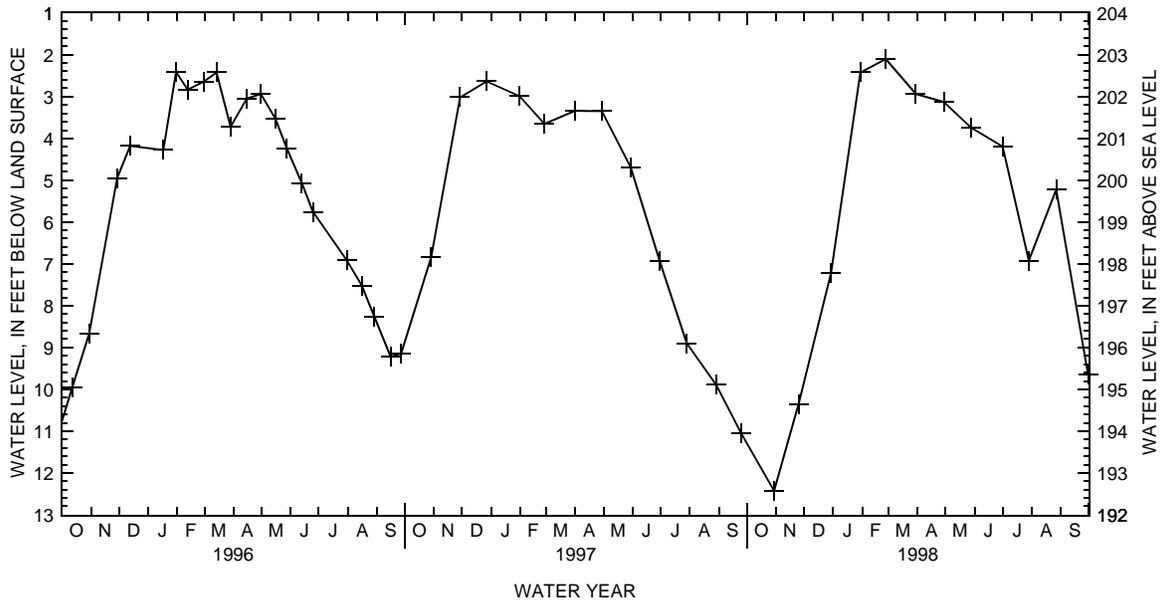
PERIOD OF RECORD.-- October 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.37 ft below land-surface datum, March 30, 1994;
lowest water level measured, 12.43 ft below land-surface datum, October 30, 1997.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 12.43 | JAN 30 | 2.42 | APR 29 | 3.13 | JUL 29 | 6.92 |
| NOV 25 | 10.35 | FEB 26 | 2.10 | MAY 28 | 3.74 | AUG 27 | 5.22 |
| DEC 30 | 7.21 | MAR 30 | 2.94 | JUL 01 | 4.19 | SEP 30 | 9.64 |
| WATER YEAR 1998 | HIGHEST | 2.10 | FEB 26, 1998 | LOWEST | 12.43 | OCT 30, 1997 | |

CL 223



GROUND-WATER LEVELS

MIDDLESEX COUNTY--Continued

411826072322401. Local number, CL 224.

LOCATION.--Lat 41°18'26", long 72°32'24", Hydrologic Unit 01100004, east end of Colonial Drive, well is 20 ft east of curb at storm drain, Clinton; Clinton quadrangle.
Owner: Town of Clinton.

AQUIFER.-- Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 25 ft, PVC casing, screened 20 to 25 ft.

INSTRUMENTATION.--From October 1991 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 145 ft above sea level, from topographic map.
Measuring point: Top of steel protective casing, 0.57 ft above land-surface datum.

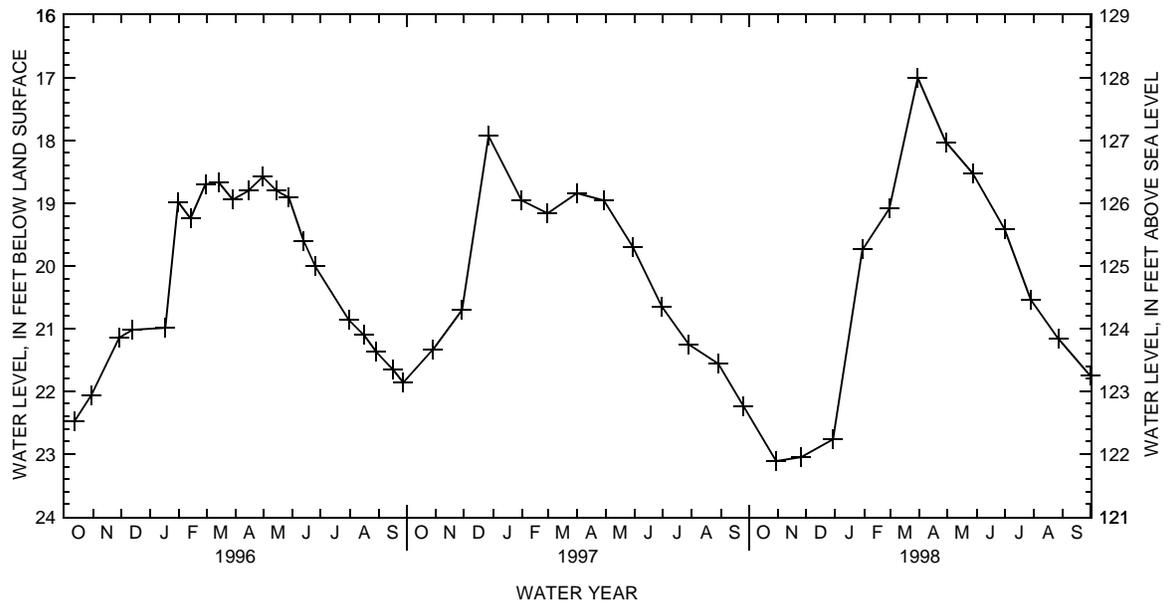
PERIOD OF RECORD.-- October 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.93 ft below land-surface datum, March 30, 1994;
lowest water level measured, 23.11 ft below land-surface datum, October 30, 1997.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|----------------------------|--------------|--------------|
| OCT 30 23.11 | JAN 30 19.74 | APR 29 18.03 | JUL 29 20.54 |
| NOV 25 23.05 | FEB 28 19.08 | MAY 28 18.53 | AUG 27 21.16 |
| DEC 30 22.76 | MAR 30 17.00 | JUL 01 19.42 | SEP 30 21.75 |
| WATER YEAR 1998 | HIGHEST 17.00 MAR 30, 1998 | LOWEST 23.11 | OCT 30, 1997 |

CL 224



MIDDLESEX COUNTY--Continued

411735072315001. Local number, CL 225.

LOCATION.--Lat 41°17'35", long 72°31'50", Hydrologic Unit 01100004, about 200 ft south of the intersection of Cow Hill Rd. and Route 81, well is 200 ft east of Route 81 at edge of field behind the chain link fence. Clinton quadrangle.

Owner: Town of Clinton, Board of Education.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 30 ft, PVC casing, screened 25 to 30 ft.

INSTRUMENTATION.--From December 1991 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 40 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 1.88 ft above land-surface datum.

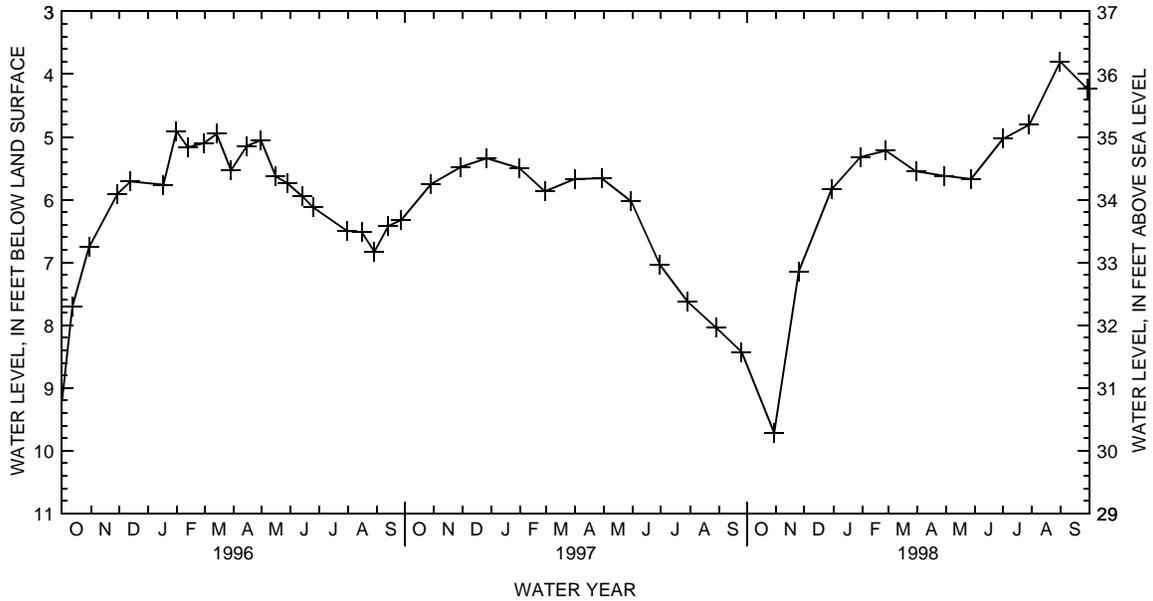
PERIOD OF RECORD.-- December 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.80 ft below land-surface datum, August 31, 1998; lowest water level measured, 10.39 ft below land-surface datum, September 13, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 9.72 | JAN 30 | 5.32 | APR 29 | 5.62 | JUL 29 | 4.80 |
| NOV 25 | 7.15 | FEB 26 | 5.22 | MAY 28 | 5.67 | AUG 31 | 3.80 |
| DEC 30 | 5.84 | MAR 30 | 5.55 | JUL 01 | 5.03 | SEP 30 | 4.23 |
| WATER YEAR 1998 | HIGHEST | 3.80 | AUG 31, 1998 | LOWEST | 9.72 | OCT 30, 1997 | |

CL 225



GROUND-WATER LEVELS

MIDDLESEX COUNTY--Continued

412809072420701. Local Number, D 116.

LOCATION.--Lat 41°28'09", long 72°42'07", Hydrologic Unit 01080205, in schoolyard of Brewster School about 100 ft east of Tuttle St. and about 2,400 ft south of State Route 68, Durham; Durham quadrangle.

Owner: Town of Durham, Board of Education, Brewster School.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 23.8 ft, PVC casing, screened 22.3 to 23.8 ft.

INSTRUMENTATION.--Measurements made biweekly with a chalked tape by paid observer.

DATUM.--Elevation of land-surface datum is 241 ft above sea level, from topographic map.

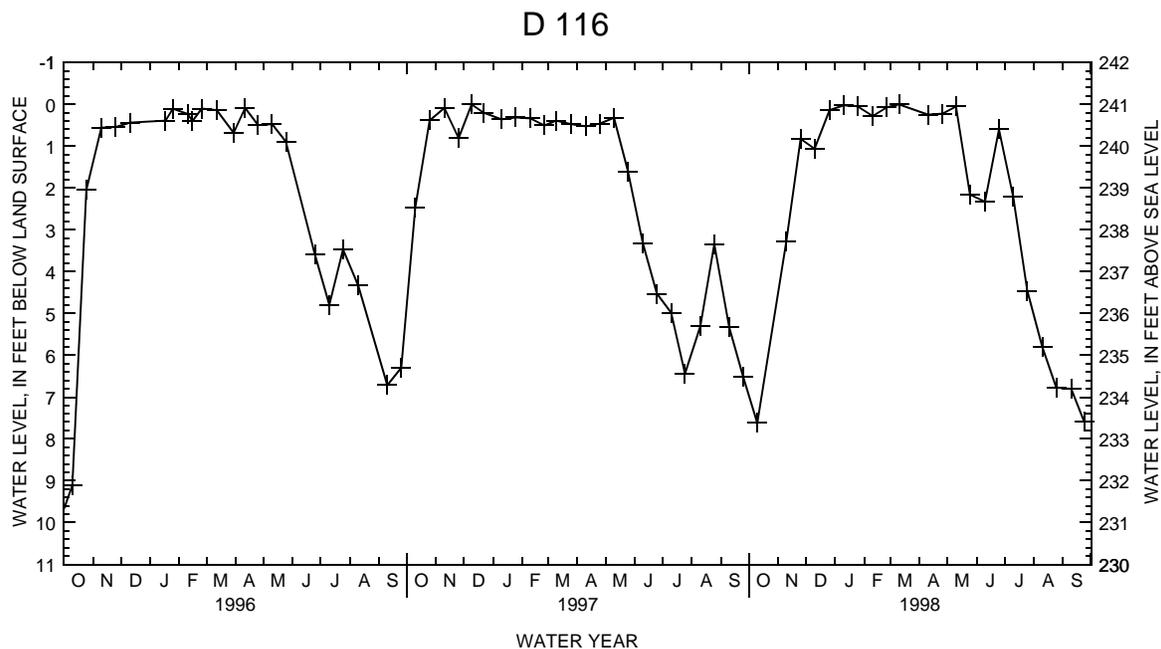
Measuring point: Top of PVC casing, 1.27 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.00 ft above land-surface datum, December 9, 1996 and March 10, 1998; lowest water level measured, 10.04 ft below land-surface datum, September 25, 1995.

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

| WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | |
|-----------------|------|-------------|-----|--------------|--------|-------------|--------------|
| OCT 10 | 7.62 | JAN 25 | .05 | MAY 10 | .05 | AUG 10 | 5.80 |
| NOV 10 | 3.29 | FEB 10 | .28 | 25 | 2.16 | 25 | 6.77 |
| 25 | .83 | 25 | .07 | JUN 10 | 2.33 | SEP 10 | 6.81 |
| DEC 10 | 1.06 | MAR 10 | .00 | 25 | 0.60 | 24 | 7.60 |
| 26 | .14 | APR 10 | .25 | JUL 10 | 2.22 | | |
| JAN 10 | .03 | 25 | .22 | 25 | 4.46 | | |
| WATER YEAR 1998 | | HIGHEST | .00 | MAR 10, 1998 | LOWEST | 7.62 | OCT 10, 1997 |



GROUND-WATER LEVELS

MIDDLESEX COUNTY--Continued

412825072410501. Local Number, D 117.

LOCATION.--Lat 41°28'25", long 72°41'05", Hydrologic Unit 01080205, about 400 ft west of Maple Ave. and about 300 ft south of Allyn Brook, Durham; Durham quadrangle.

Owner: Town of Durham, Fair Grounds Association.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 22.5 ft, PVC casing, screened 21 to 22.5 ft.

INSTRUMENTATION.--Measurements made biweekly with a chalked tape by paid observer.

DATUM.--Elevation of land-surface datum is 162 ft above sea level, from topographic map.

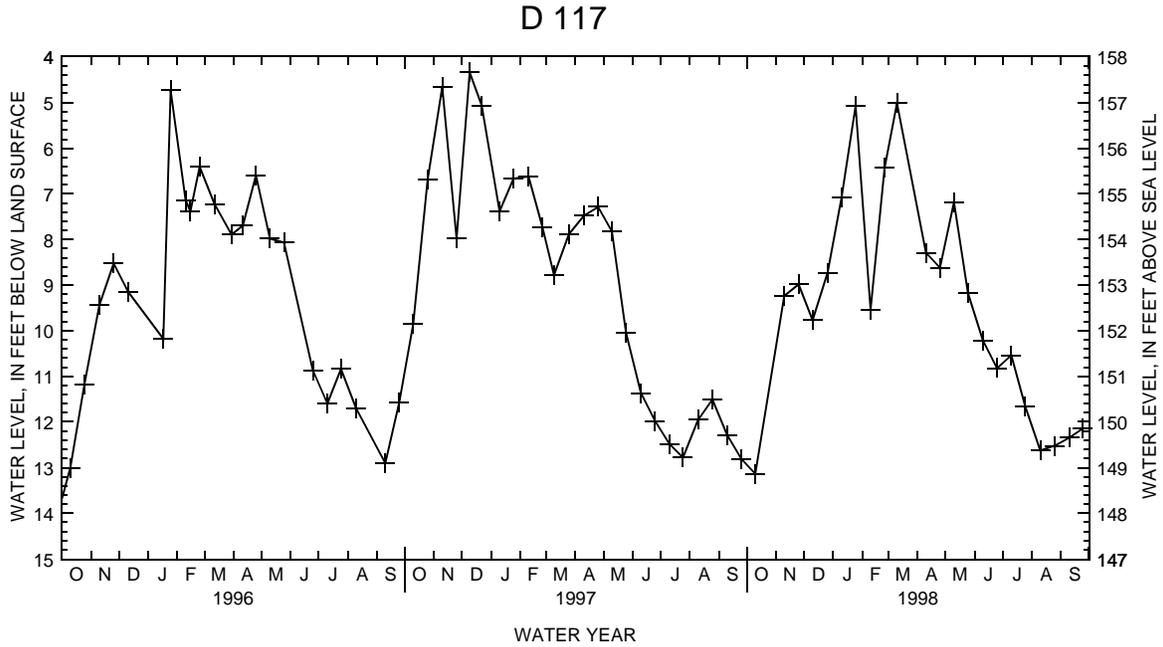
Measuring point: Top of steel protective casing, 1.35 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.34 ft below land-surface datum December 9, 1996; lowest water level measured, 14.48 ft below land-surface datum, August 26, 1987.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 10 | 13.14 | JAN 25 | 5.07 | MAY 10 | 7.18 | AUG 10 | 12.63 |
| NOV 10 | 9.23 | FEB 10 | 9.54 | 25 | 9.18 | 25 | 12.52 |
| 25 | 8.98 | 25 | 6.43 | JUN 10 | 10.22 | SEP 10 | 12.34 |
| DEC 10 | 9.77 | MAR 10 | 5.01 | 25 | 10.82 | 24 | 12.14 |
| 26 | 8.73 | APR 10 | 8.29 | JUL 10 | 10.54 | | |
| JAN 10 | 7.07 | 25 | 8.62 | 25 | 11.66 | | |
| WATER YEAR 1998 | HIGHEST | 5.01 | MAR 10, 1998 | LOWEST | 13.14 | OCT 10, 1997 | |



GROUND-WATER LEVELS

MIDDLESEX COUNTY--Continued

412824072411902. Local Number, D 119.

LOCATION.--Lat 41°28'24", long 72°41'19", Hydrologic Unit 01080205, about 1600 ft west of Maple Ave. and about 400 ft south of Allyn Brook at northeast corner of parking area at end of gravel road, Durham; Durham quadrangle. Owner: Town of Durham.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 23 ft, PVC casing, screened 20 to 23 ft.

INSTRUMENTATION.--Measurements made biweekly with a chalked tape by paid observer.

DATUM.--Elevation of land-surface datum is 157 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 0.42 ft above land-surface datum.

REMARKS.--Shallow, southern well of pair.

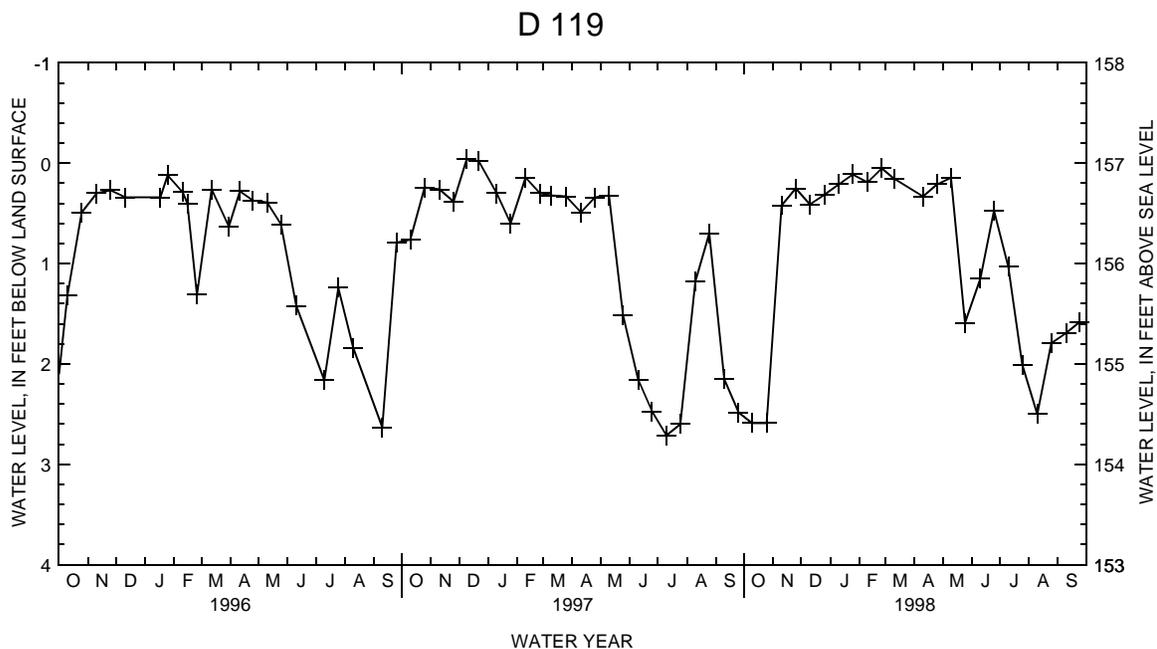
PERIOD OF RECORD.--January 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.05 ft above land-surface datum, Feb. 25, 1998; lowest level measured, 3.56 ft below land-surface datum, August 26, 1987.

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

| WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | |
|-------------|------|-------------|-----|-------------|------|-------------|------|
| OCT 10 | 2.59 | JAN 10 | .21 | APR 25 | .21 | JUL 25 | 2.01 |
| 25 | 2.59 | 25 | .11 | MAY 10 | .14 | AUG 10 | 2.50 |
| NOV 10 | .42 | FEB 10 | .19 | 25 | 1.59 | 25 | 1.79 |
| 25 | .25 | 25 | .05 | JUN 10 | 1.15 | SEP 10 | 1.69 |
| DEC 10 | .41 | MAR 10 | .15 | 25 | .47 | 24 | 1.58 |
| 26 | .31 | APR 10 | .33 | JUL 10 | 1.03 | | |

WATER YEAR 1998 HIGHEST .05 FEB 25, 1998 LOWEST 2.59 OCT 10, 1997 OCT 25, 1997



MIDDLESEX COUNTY--Continued

412824072411901. Local Number, D 120.

LOCATION.--Lat 41°28'24", long 72°41'19", Hydrologic Unit 01080205, about 1,600 ft west of Maple Ave. and about 400 ft south of Allyn Brook at northeast corner of parking area at end of gravel road, Durham; Durham quadrangle. Owner: Town of Durham.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 50 ft, PVC casing, screened 47 to 50 ft.

INSTRUMENTATION.--Measurements made biweekly with a chalked tape by paid observer.

DATUM.--Elevation of land-surface datum is 157 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 0.42 ft above land-surface datum.

REMARKS.--Deep, northern well of pair.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.06 ft above land-surface datum, March 10, 1998; lowest water level measured, 4.37 ft below land-surface datum, September 10, 1995.

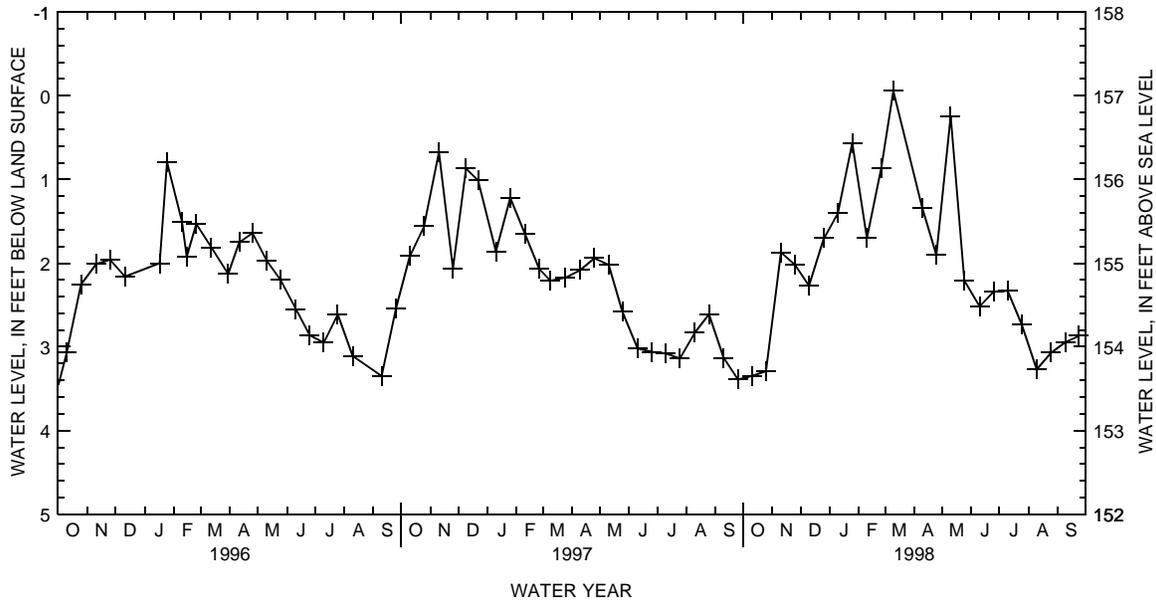
WATER LEVELS IN FEET BELOW LAND SURFACE DATUM
WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 10 | 3.35 | JAN 10 | 1.40 | APR 25 | 1.90 | JUL 25 | 2.73 |
| 25 | 3.29 | 25 | .56 | MAY 10 | .24 | AUG 10 | 3.27 |
| NOV 10 | 1.87 | FEB 10 | 1.70 | 25 | 2.21 | 25 | 3.07 |
| 25 | 2.02 | 25 | .86 | JUN 10 | 2.52 | SEP 10 | 2.94 |
| DEC 10 | 2.27 | MAR 10 | -.06 | 25 | 2.34 | 24 | 2.87 |
| 26 | 1.70 | APR 10 | 1.34 | JUL 10 | 2.33 | | |

WATER YEAR 1998 HIGHEST -.06 MAR 10, 1998 LOWEST 3.35 OCT 10, 1997

READINGS ABOVE LAND SURFACE INDICATED BY "--"

D 120



GROUND-WATER LEVELS
MIDDLESEX COUNTY--Continued

413033072432001. Local Number, MF 1.

LOCATION.--Lat 41°30'33", long 72°43'20", Hydrologic Unit 01080205, about 100 ft east of West Street and about 600 ft south of State Route 147, Middlefield; Middletown quadrangle. Owner: The Leisure Group Inc. (Lyman Products for Shooters).

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Dug, unused, water-table well, diameter 24 in, depth 22 ft, stone-lined.

INSTRUMENTATION.--Prior to November 1990 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 260 ft above sea level, from topographic map.

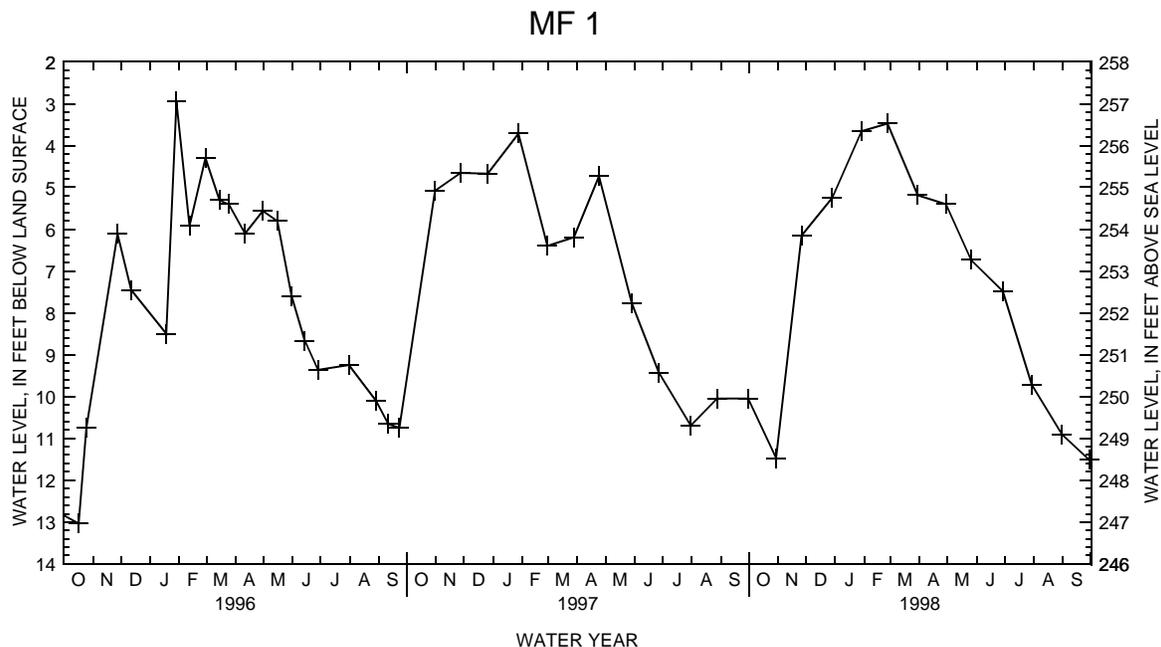
Measuring point: Top of flagstone curb, north side at land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.67 ft below land-surface datum, June 24, 1992; lowest water level measured, 16.92 ft below land-surface datum, November 24, 1964.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 11.47 | JAN 29 | 3.66 | APR 29 | 5.40 | JUL 30 | 9.72 |
| NOV 26 | 6.15 | FEB 26 | 3.47 | MAY 26 | 6.73 | AUG 31 | 10.91 |
| DEC 29 | 5.25 | MAR 30 | 5.19 | JUN 29 | 7.48 | SEP 29 | 11.51 |
| WATER YEAR 1998 | HIGHEST | 3.47 | FEB 26, 1998 | LOWEST | 11.51 | SEP 29, 1998 | |



GROUND-WATER LEVELS

MIDDLESEX COUNTY--Continued

413254072335501. Local Number, MT 261.

LOCATION.--Lat 41°32'54", long 72°33'55", Hydrologic Unit 01080205, about 200 ft east of River Road and 200 ft northwest of Building 450, Middletown; Middle Haddam quadrangle. Owner: United Technologies Corp., Hartford.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Dug, unused, water-table well, diameter 36 in, depth 27.6 ft, stone-lined. As of October 24, 1995, well depth decreased to 26.2 ft, as a result of land-surface elevation change.

INSTRUMENTATION.--Prior to December 1990 measurements made monthly; from December 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

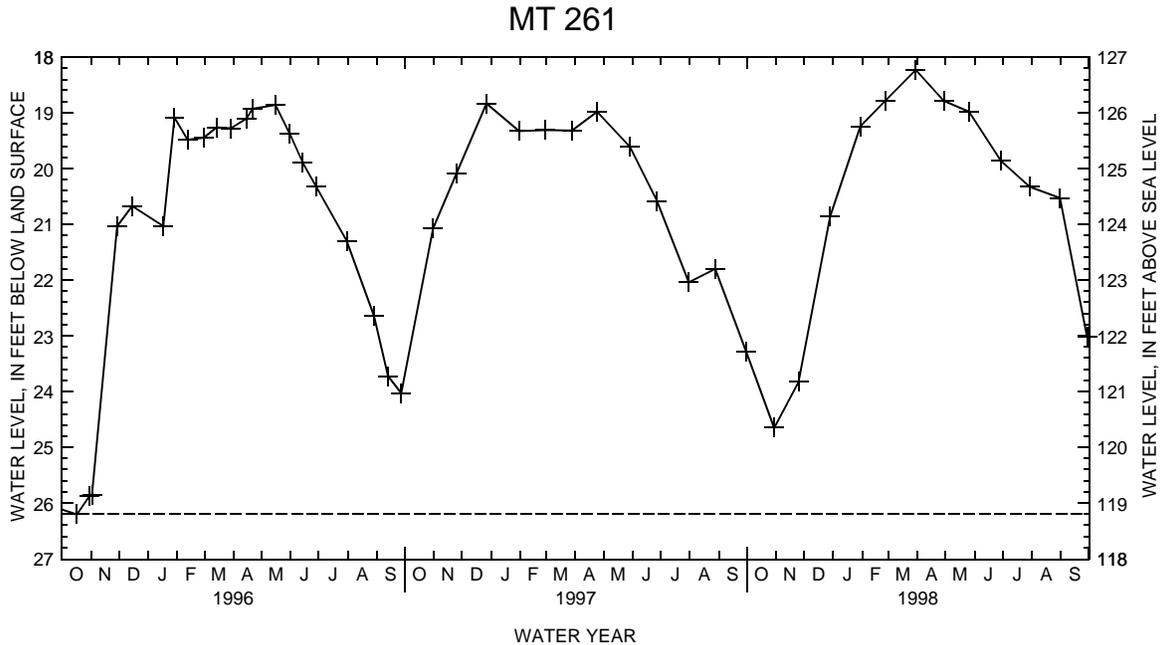
DATUM.--Elevation of land-surface datum is 145 ft above sea level, from topographic map. Measuring point: Top of steel well cover at land-surface datum.

PERIOD OF RECORD.--April 1956 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.16 ft below land-surface datum, April 26, 1983; lowest water level measured, dry (lower than 26.2 ft below land-surface datum) on November 1 and December 2, 1957, November 25, 1964, October 31, 1986, and October 17, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL MS | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|----------------|--------------|-------------|
| OCT 30 | 24.65 | JAN 30 | 19.24 | APR 29 | 18.79 | JUL 30 | 20.33 |
| NOV 25 | 23.82 | FEB 26 | 18.78 | MAY 26 | 18.98 | AUG 31 | 20.53 |
| DEC 29 | 20.86 | MAR 30 | 18.23 | JUN 29 | 19.86 | SEP 29 | 23.02 |
| WATER YEAR 1998 | HIGHEST | 18.23 | MAR 30, 1998 | LOWEST | 24.65 | OCT 30, 1997 | |



GROUND-WATER LEVELS

NEW HAVEN COUNTY

412423072542801. Local Number, HM 445.

LOCATION.--Lat 41°24'23", long 72°54'28", Hydrologic Unit 01100004, at Lockwood Farm, 800 ft south of Kenwood Ave. and 1500 ft west of Shepard Ave., in Orchard, Hamden; Mount Carmel quadrangle. Owner: Connecticut Agricultural Experiment Station.

AQUIFER.--Sedimentary bedrock (arkose).

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in (0-12 ft), depth 36.35 ft, PVC casing, open hole 12 to 36.35 ft (diameter of open section --3 in).

INSTRUMENTATION.--Prior to May 1996 measurements made biweekly with a chalked tape by paid observer. Beginning June 26, 1997, measurements made monthly with an electric tape by USGS personnel.

DATUM.--Elevation of land-surface datum is 180 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 1.80 ft above land-surface datum.

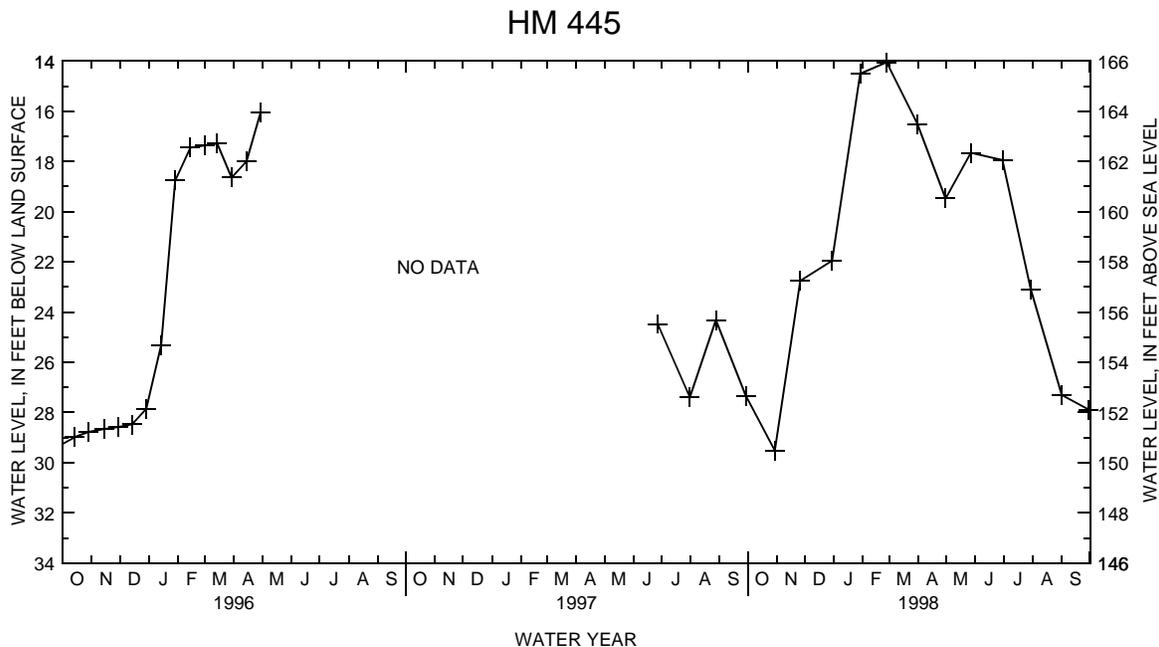
REMARKS.--Water level records missing from May 1996 through May 1997.

PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.05 ft below land-surface datum, Feb. 26, 1998; lowest water level measured, 32.89 ft below land-surface datum, September 14, 1993.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 29.53 | JAN 29 | 14.50 | APR 30 | 19.47 | JUL 30 | 23.10 |
| NOV 26 | 22.75 | FEB 26 | 14.05 | MAY 27 | 17.66 | SEP 01 | 27.30 |
| DEC 30 | 21.95 | MAR 31 | 16.51 | JUN 30 | 17.95 | 30 | 27.89 |
| WATER YEAR 1998 | HIGHEST | 14.05 | FEB 26, 1998 | LOWEST | 29.53 | OCT 30, 1997 | |



NEW HAVEN COUNTY--Continued

412546072541702. Local number, **HM 446**.

LOCATION.--Lat 41°25'46", long 72°54'17", Hydrologic Unit 01100004, at Sleeping Giant State Park, off Tuttle Ave., 50 ft south of road and 30 ft west of Mill River; Hamden; Mount Carmel quadrangle. Owner: Connecticut Department of Environmental Protection.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 23 ft, PVC casing, screened from 18 to 23 ft.

INSTRUMENTATION.--Prior to May 1996 measurements made biweekly with a chalked tape by paid observer. Beginning June 26, 1997, measurements made monthly with an electric tape by USGS personnel.

DATUM.--Elevation of land-surface datum is 95 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 1.60 ft above land-surface datum.

REMARKS.--Northern, shallow well of pair. Water level records missing from May 1996 through May 1997.

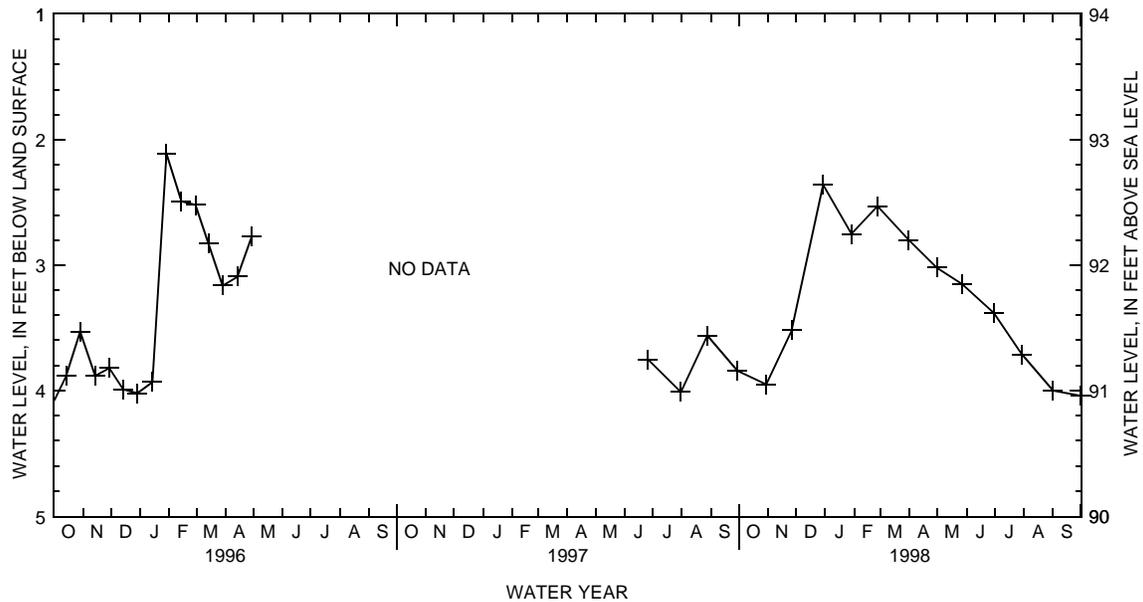
PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.11 ft below land-surface datum, January 29, 1994; lowest water level measured, 4.51 ft below land-surface datum, September 14, 1995.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|---------------------------|-------------|--------------|
| OCT 30 3.95 | JAN 29 2.75 | APR 30 3.02 | JUL 30 3.71 |
| NOV 26 3.52 | FEB 26 2.53 | MAY 27 3.15 | SEP 01 4.00 |
| DEC 30 2.36 | MAR 31 2.80 | JUN 30 3.38 | 30 4.04 |
| WATER YEAR 1998 | HIGHEST 2.36 DEC 30, 1997 | LOWEST 4.04 | SEP 30, 1998 |

HM 446



GROUND-WATER LEVELS

NEW HAVEN COUNTY--Continued

412546072541701. Local number, HM 447.

LOCATION.--Lat 41°25'46", long 72°54'17", Hydrologic Unit 01100004, at Sleeping Giant State Park, off Tuttle Ave., 50 ft south of road and 30 ft west of Mill River; Hamden; Mount Carmel quadrangle. Owner: Connecticut Department of Environmental Protection.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 58 ft, PVC casing, screened from 53 to 58 ft.

INSTRUMENTATION.--Prior to May 1996 measurements made biweekly with a chalked tape by paid observer. Beginning June 26, 1997, measurements made monthly with an electric tape by USGS personnel.

DATUM.--Elevation of land-surface datum is 95 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 1.60 ft above land-surface datum.

REMARKS.--Southern, deeper well of pair. Water level records missing from May 1996 through May 1997.

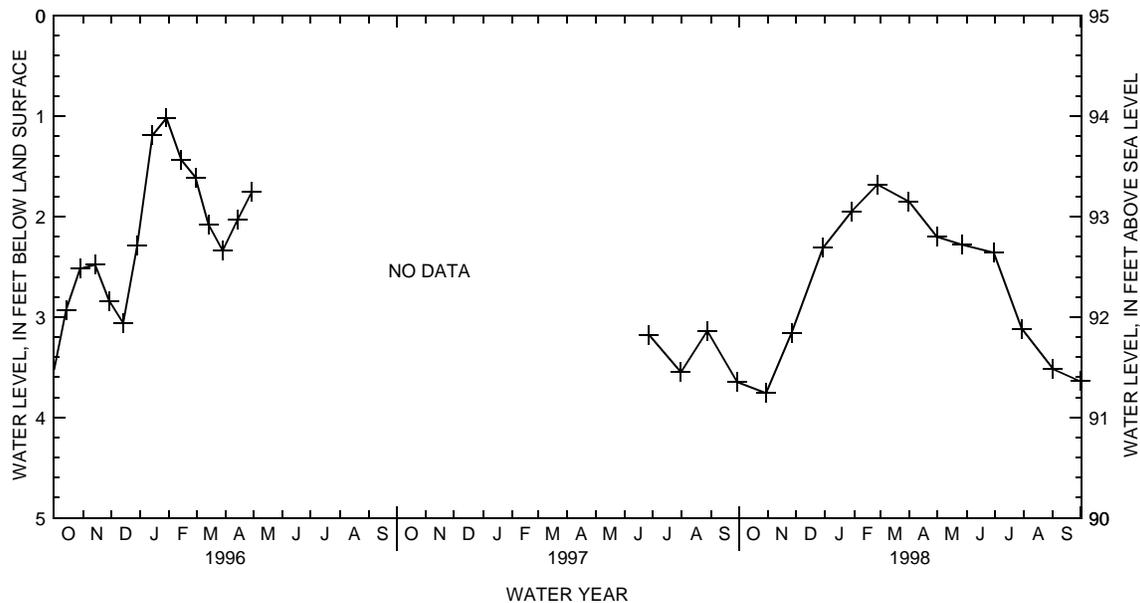
PERIOD OF RECORD.--January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.84 ft below land-surface datum, January 29, 1994; lowest water level measured, 4.16 ft below land-surface datum, September 14, 1995.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|---|--------------------------|-------------|-------------|
| OCT 30 3.76 | JAN 29 1.95 | APR 30 2.20 | JUL 30 3.12 |
| NOV 26 3.16 | FEB 26 1.68 | MAY 27 2.28 | SEP 01 3.52 |
| DEC 30 2.31 | MAR 31 1.85 | JUN 30 2.36 | 30 3.64 |
| WATER YEAR 1998 HIGHEST 1.68 FEB 26, 1998 | LOWEST 3.76 OCT 30, 1997 | | |

HM 447



GROUND-WATER LEVELS

NEW HAVEN COUNTY--Continued

412541072542001. Local number, **HM 448**.

LOCATION--Lat 41°25'41", long 72°54'20", Hydrologic Unit 01100004, at Sleeping Giant State Park, 300 ft east of Route 10, 200 ft south of Tuttle Ave., northeast corner of field, near woods; Hamden; Mount Carmel quadrangle.

Owner: Connecticut Department of Environmental Protection.

AQUIFER--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS--Augered, unused, water-table well, diameter 2 in, depth 53 ft, PVC casing, screened from 48 to 53 ft.

INSTRUMENTATION--Prior to May 1996 measurements made biweekly with a chalked tape by paid observer. Beginning June 26, 1997, measurements made monthly with an electric tape by USGS personnel.

DATUM--Elevation of land-surface datum is 115 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 2.20 ft above land-surface datum.

REMARKS--Water level records missing from May 1996 through May 1997.

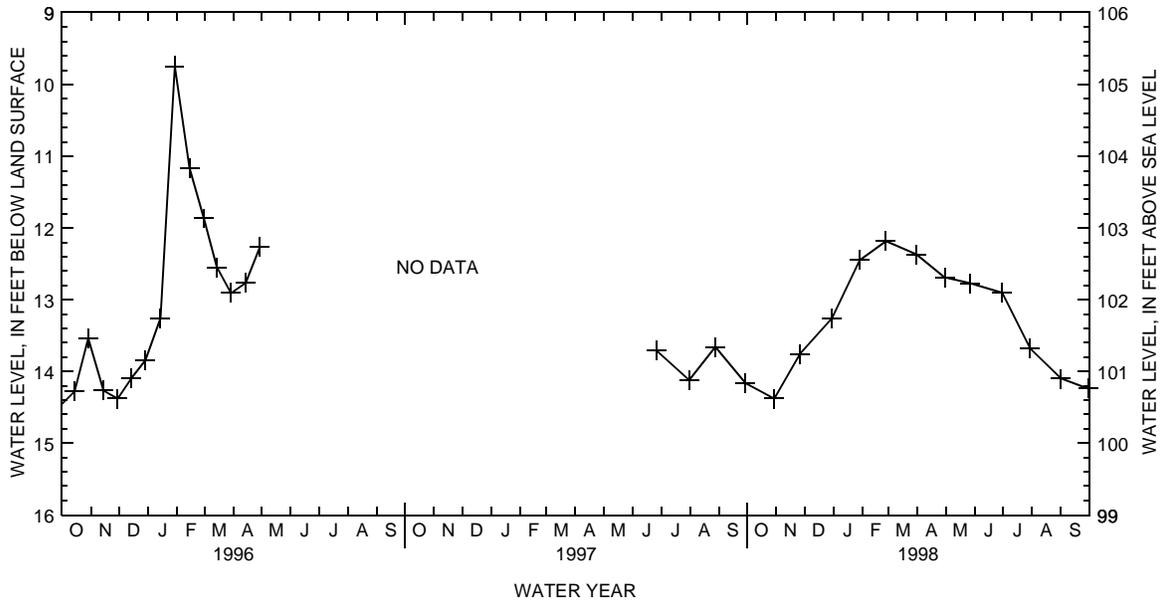
PERIOD OF RECORD--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD--Highest water level measured, 9.74 ft below land-surface datum, January 29, 1996; lowest water level measured, 14.99 ft below land-surface datum, Sept. 14, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 14.38 | JAN 29 | 12.45 | APR 30 | 12.69 | JUL 30 | 13.68 |
| NOV 26 | 13.76 | FEB 26 | 12.18 | MAY 27 | 12.77 | SEP 01 | 14.10 |
| DEC 30 | 13.27 | MAR 31 | 12.37 | JUN 30 | 12.90 | 30 | 14.20 |
| WATER YEAR 1998 | HIGHEST | 12.18 | FEB 26, 1998 | LOWEST | 14.38 | OCT 30, 1997 | |

HM 448



GROUND-WATER LEVELS

NEW HAVEN COUNTY--Continued

412417072541901. Local Number, HM 449.

LOCATION.--Lat 41°24'17", long 72°54'19", Hydrologic Unit 01100004, at Lockwood Farm, 600 ft south of Kenwood Ave. and 600 ft west of Shepard Ave., on top of hill in Orchard, Hamden; Mount Carmel quadrangle.

Owner: Connecticut Agricultural Experiment Station.

AQUIFER.--Sedimentary bedrock (arkose).

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in, depth 33.50 ft, PVC casing, screened from 23.50 to 33.50 ft.

INSTRUMENTATION.--Prior to May 1996 measurements made biweekly with a chalked tape by paid observer. Beginning June 26, 1997, measurements made monthly with an electric tape by USGS personnel.

DATUM.--Elevation of land-surface datum is 235 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 2.20 ft above land-surface datum.

REMARKS.--Northern well of pair. Water level records missing from May 1996 through May 1997.

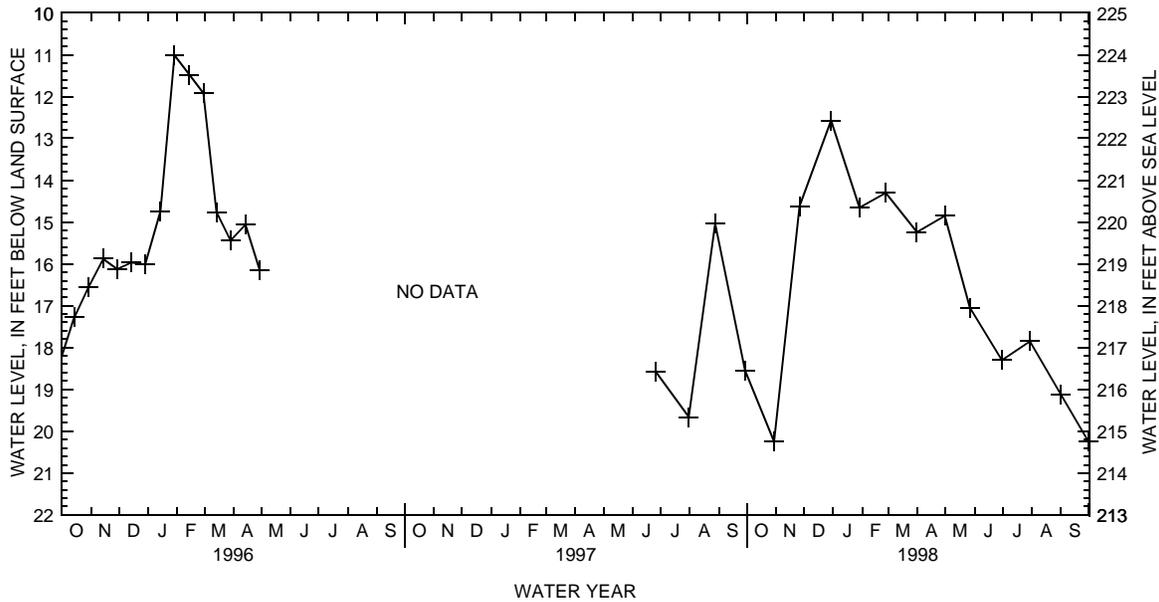
PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.02 ft below land-surface datum, January 29, 1996; lowest water level measured, 21.59 ft below land-surface datum, August 14, 1993.

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

| WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | |
|-----------------|-------|-------------|-------|--------------|--------|-------------|--------------|
| OCT 30 | 20.25 | JAN 29 | 14.65 | APR 30 | 14.85 | JUL 30 | 17.85 |
| NOV 26 | 14.62 | FEB 26 | 14.30 | MAY 27 | 17.05 | SEP 01 | 19.13 |
| DEC 30 | 12.57 | MAR 31 | 15.24 | JUN 30 | 18.30 | 30 | 20.23 |
| WATER YEAR 1998 | | HIGHEST | 12.57 | DEC 30, 1997 | LOWEST | 20.25 | OCT 30, 1997 |

HM 449



NEW HAVEN COUNTY--Continued

412417072541902. Local Number, HM 450.

LOCATION.--Lat 41°24'17", long 72°54'19", Hydrologic Unit 01100004, at Lockwood Farm, 600 ft south of Kenwood Ave. and 600 ft west of Shepard Ave., on top of hill in Orchard, Hamden; Mount Carmel quadrangle.

Owner: Connecticut Agricultural Experiment Station.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 14 ft, PVC casing, screened from 9 to 14 ft.

INSTRUMENTATION.--Prior to May 1996 measurements made biweekly with a chalked tape by paid observer. Beginning June 26, 1997, measurements made monthly with an electric tape by USGS personnel.

DATUM.--Elevation of land-surface datum is 235 ft above sea level, from topographic map.

Measuring point: Top of PVC casing, 1.05 ft above land-surface datum.

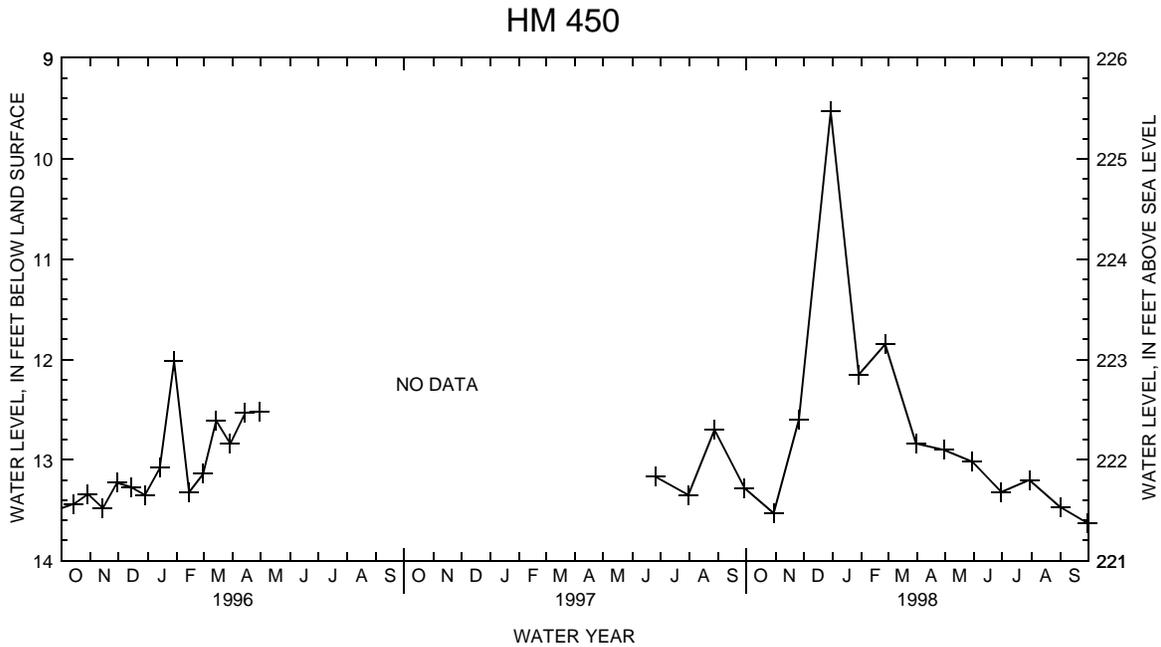
REMARKS.--Southern well of pair. Water level records missing from May 1996 through May 1997.

PERIOD OF RECORD.--January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.53 ft below land-surface datum, Dec. 30, 1997; lowest water level measured, 13.80 ft below land-surface datum, July 14, 1994.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 13.53 | JAN 29 | 12.15 | APR 30 | 12.90 | JUL 30 | 13.20 |
| NOV 26 | 12.60 | FEB 26 | 11.85 | MAY 27 | 13.02 | SEP 01 | 13.47 |
| DEC 30 | 9.53 | MAR 31 | 12.84 | JUN 30 | 13.32 | 30 | 13.63 |
| WATER YEAR 1998 | HIGHEST | 9.53 | DEC 30, 1997 | LOWEST | 13.63 | SEP 30, 1998 | |



GROUND-WATER LEVELS
NEW HAVEN COUNTY--Continued

412307072515201. Local Number, NHV 201.

LOCATION.--Lat 41°23'07", long 72°51'52", Hydrologic Unit 01100004, 3 ft south of curb in southwest corner of parking area for Center School, 35 ft east of Elm Street, North Haven; Wallingford Quadrangle.
Owner: Town of North Haven.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter, 2 in, depth 32 ft, plastic casing to 27 ft, screened 27 ft to 32 ft.

INSTRUMENTATION.--Prior to January 1991 measurements made monthly; from January 1991 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 35 ft above sea level, from topographic map.

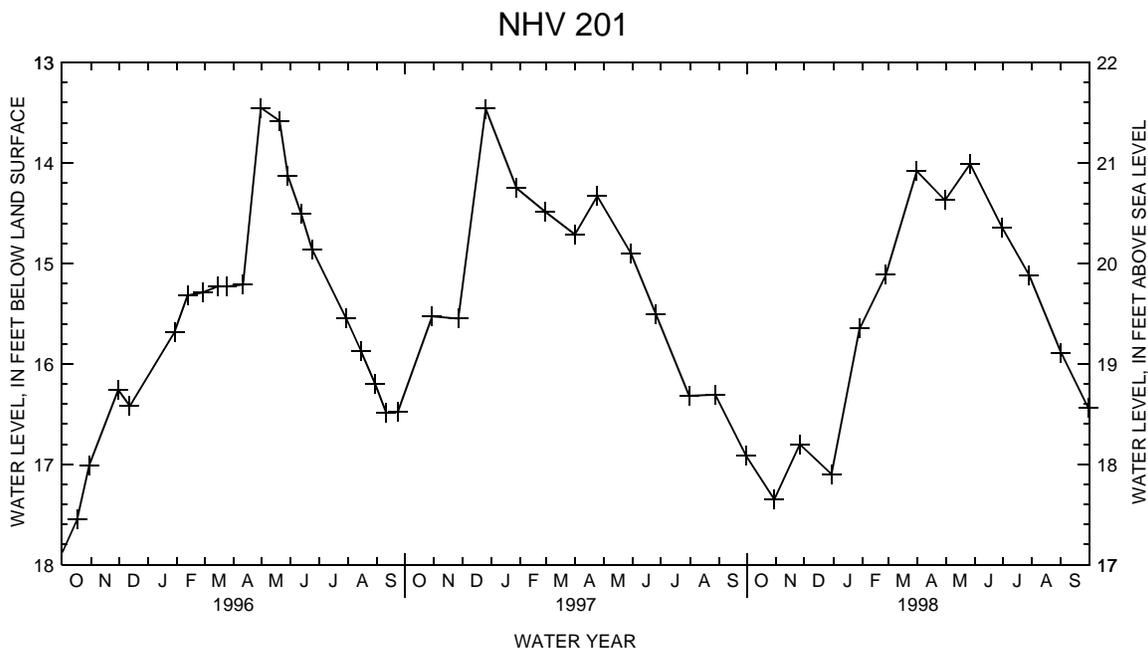
Measuring point: Top of steel protective casing, 0.7 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.56 ft below land-surface datum, June 28, 1982; lowest water level measured, 18.71 ft below land-surface datum, November 5, 1987.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|---------|-------------|--------------|-------------|--------|--------------|
| OCT 30 | 17.35 | JAN 29 | 15.65 | APR 30 | 14.37 | JUL 29 | 15.12 |
| NOV 26 | 16.80 | FEB 26 | 15.11 | MAY 27 | 14.01 | SEP 01 | 15.89 |
| DEC 30 | 17.10 | MAR 31 | 14.08 | JUN 30 | 14.64 | 30 | 16.44 |
| WATER YEAR 1998 | | HIGHEST | 14.01 | MAY 27, 1998 | LOWEST | 17.35 | OCT 30, 1997 |



GROUND-WATER LEVELS

NEW HAVEN COUNTY--Continued

412550072510701. Local Number, NHV 202.

LOCATION.--Lat 41°25'50", long 72°51'07", Hydrologic Unit 01100004, about 50 ft east of eastbound land of Merritt Parkway, 3.2 mi north of North Haven service area at no parking sign, North Haven; Wallingford quadrangle.

Owner: State of Connecticut.

AQUIFER.--Stratified drift of Pleistocene age (sand).

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in, depth 60.4 ft, plastic casing to 60 ft, screened 60 to 65 ft.

INSTRUMENTATION.--Prior to November 1990 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 55 ft above sea level, from topographic map. Measuring point: Top of PVC casing, 2.7 ft above land-surface datum.

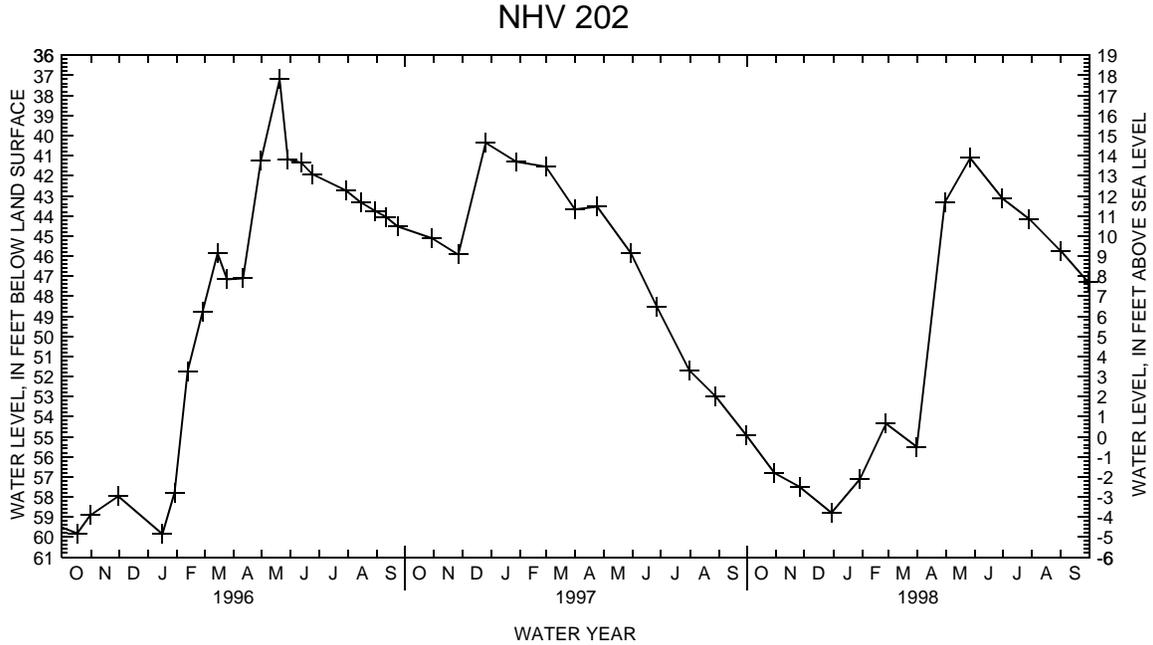
REMARKS.--Levels affected by pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.07 ft below land-surface datum, April 25, 1983; lowest water level measured, dry (lower than 60.4 ft below land-surface datum) on September 28, October 29, November 25, and December 29, 1981; January 27, 1982; October 29, November 27, December 30, 1985; January 28, July 28, August 28, September 26, October 29, and November 25, 1986; June 28, July 27, August 26, and September 27, 1988; October 26, November 28, December 28, 1988; January 25, February 25, and March 27, 1989; February 18, 28, March 11, 30, April 13, 23, May 10, 26, June 9, 25, 1992; and September 27, 1993.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|---------------|--------------|--------------|
| OCT 30 56.80 | JAN 29 57.13 | APR 30 43.31 | JUL 29 44.15 |
| NOV 26 57.50 | FEB 26 54.34 | MAY 27 41.12 | SEP 01 45.77 |
| DEC 30 58.78 | MAR 31 55.50 | JUN 30 43.10 | 30 47.30 |
| WATER YEAR 1998 | HIGHEST 41.12 | MAY 27, 1998 | LOWEST 58.78 |
| | | | DEC 30, 1997 |



GROUND-WATER LEVELS

NEW HAVEN COUNTY--Continued

412954073125201. Local number, SB 30.

LOCATION.--Lat 41°29'54", long 73°12'52", Hydrologic Unit 01100005, located about 75 ft west of the intersection of Route 6 and 67, 40 ft south of Route 67, Southbury; Southbury quadrangle.

Owner: State of Connecticut.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 27.5 ft, PVC casing, screened 22.5 to 27.5 ft.

INSTRUMENTATION.--From October 1991 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 252 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 2 ft above land-surface datum.

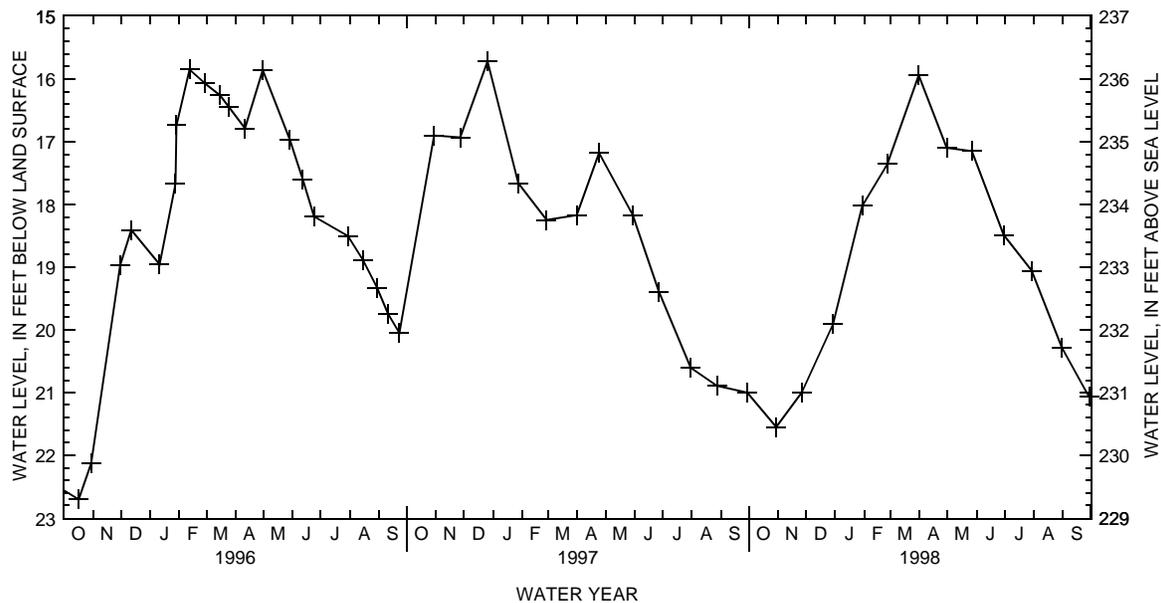
PERIOD OF RECORD.-- October 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.72 ft below land-surface datum, December 26, 1996; lowest water level measured, 22.70 ft below land-surface datum, October 17, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 21.55 | JAN 30 | 18.01 | APR 30 | 17.10 | JUL 30 | 19.06 |
| NOV 26 | 21.00 | FEB 26 | 17.35 | MAY 27 | 17.15 | AUG 31 | 20.29 |
| DEC 30 | 19.90 | MAR 31 | 15.94 | JUN 30 | 18.49 | SEP 29 | 21.07 |
| WATER YEAR 1998 | HIGHEST | 15.94 | MAR 31, 1998 | LOWEST | 21.55 | OCT 30, 1997 | |

SB 30



GROUND-WATER LEVELS

NEW HAVEN COUNTY--Continued

413002073131001. Local number, SB 39.

LOCATION.--Lat 41°30'02", long 73°13'10", Hydrologic Unit 01100005, in George Bennett Town Park, 20 ft north of parking area, behind timber fence, Southbury; Woodbury quadrangle.
Owner: Town of Southbury.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 26 ft, PVC casing, screened 21 to 26 ft.

INSTRUMENTATION.--From October 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 185 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 1.63 ft above land-surface datum.

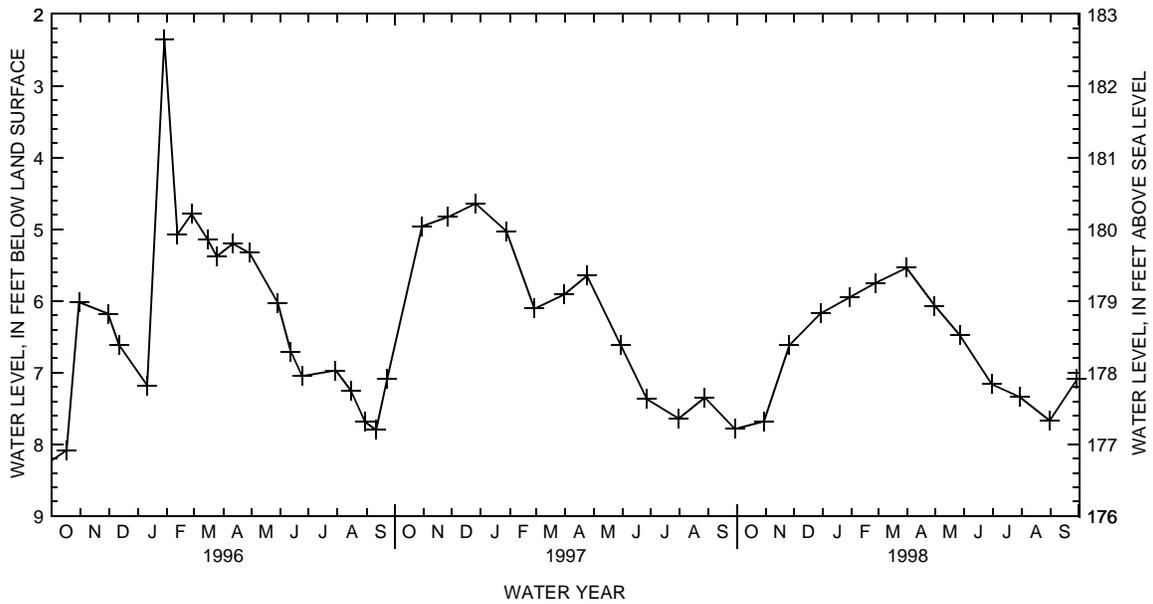
PERIOD OF RECORD.-- October 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.35 ft below land-surface datum, January 29, 1996; lowest water level measured, 8.47 ft below land-surface datum, September 13, 1995.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|---------------------------|-------------|--------------|
| OCT 30 7.68 | JAN 30 5.95 | APR 30 6.07 | JUL 30 7.34 |
| NOV 26 6.62 | FEB 26 5.75 | MAY 27 6.48 | AUG 31 7.67 |
| DEC 30 6.17 | MAR 31 5.54 | JUN 30 7.16 | SEP 29 7.09 |
| WATER YEAR 1998 | HIGHEST 5.54 MAR 31, 1998 | LOWEST 7.68 | OCT 30, 1997 |

SB 39



GROUND-WATER LEVELS

NEW HAVEN COUNTY--Continued

412935073122701. Local number, SB 41.

LOCATION.--Lat 41°29'35", long 73°12'27", Hydrologic Unit 01100005, west end of Hinman Lane, at entrance to Hinman Park Conservation Area, 20 ft south of curb, Southbury; Southbury quadrangle. Owner: Town of Southbury.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 110 ft, PVC casing, well screened 105 to 110.

INSTRUMENTATION.--From October 1991 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

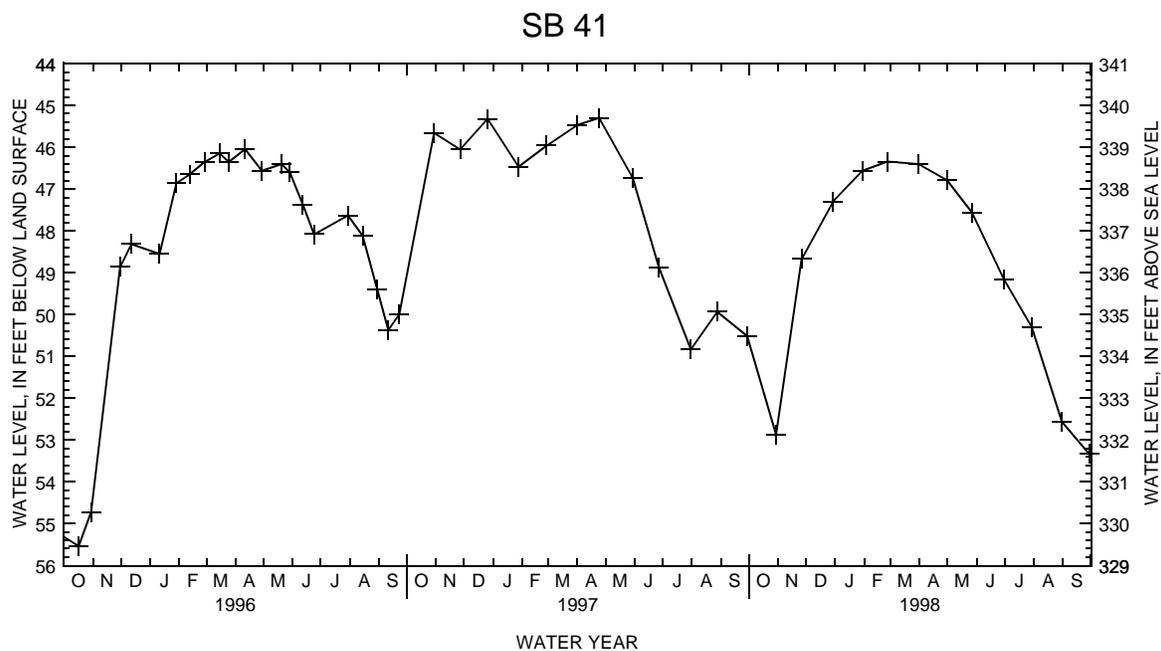
DATUM.--Elevation of land-surface datum is 385 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 2.35 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.70 ft below land-surface datum, December 16, 1992; lowest water level measured, 55.54 ft below land-surface datum, October 17, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 52.87 | JAN 30 | 46.56 | APR 30 | 46.78 | JUL 30 | 50.30 |
| NOV 26 | 48.67 | FEB 26 | 46.34 | MAY 27 | 47.56 | AUG 31 | 52.57 |
| DEC 30 | 47.29 | MAR 31 | 46.40 | JUN 30 | 49.15 | SEP 29 | 53.33 |
| WATER YEAR 1998 | HIGHEST | 46.34 | FEB 26, 1998 | LOWEST | 53.33 | SEP 29, 1998 | |



GROUND-WATER LEVELS

NEW HAVEN COUNTY--Continued

412916073121701. Local number, SB 42.

LOCATION.--Lat 41°29'16", long 73°12'17", Hydrologic Unit 01100005, Hunter Ridge, 10 ft from end of cul de sac, Southbury; Southbury quadrangle.

Owner: Town of Southbury.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 82 ft, PVC casing, well screened 77 to 82.

INSTRUMENTATION.--From August 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

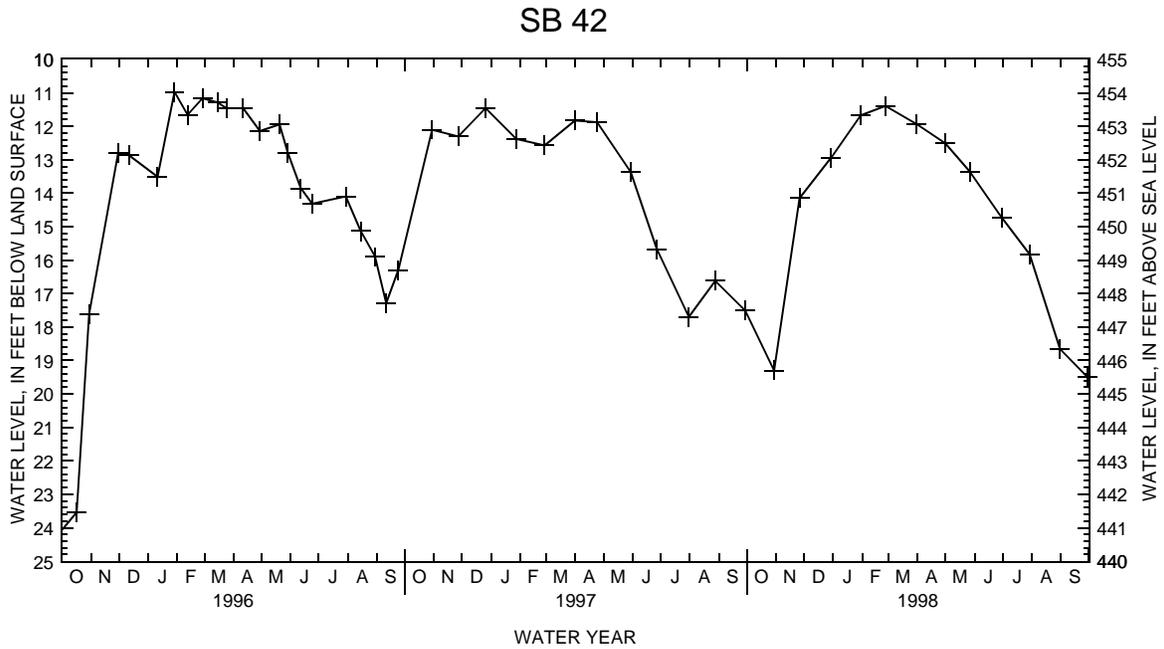
DATUM.--Elevation of land-surface datum is 465 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 1.20 ft above land-surface datum.

PERIOD OF RECORD.-- August 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.82 ft below land-surface datum, March 28, 1994; lowest water level measured, 24.09 ft below land-surface datum, September 30, 1995.

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

| WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | |
|-----------------|-------|-------------|-------|--------------|--------|-------------|--------------|
| OCT 30 | 19.30 | JAN 30 | 11.68 | APR 30 | 12.50 | JUL 30 | 15.84 |
| NOV 26 | 14.15 | FEB 26 | 11.39 | MAY 27 | 13.36 | AUG 31 | 18.66 |
| DEC 30 | 12.93 | MAR 31 | 11.93 | JUN 30 | 14.73 | SEP 29 | 19.49 |
| WATER YEAR 1998 | | HIGHEST | 11.39 | FEB 26, 1998 | LOWEST | 19.49 | SEP 29, 1998 |



GROUND-WATER LEVELS

NEW HAVEN COUNTY--Continued

413134073021701. Local Number, WB 93.

LOCATION.--Lat 41°31'34", long 73°02'17", Hydrologic Unit 01100005, 10 ft east of house at 118 Pearl Lake Road, Waterbury; Waterbury quadrangle.

Owner: Mrs. Simeon W. Nichols.

AQUIFER.--Stratified drift of Pleistocene age (gravel).

WELL CHARACTERISTICS.--Dug, unused, water-table well, diameter 32 in, depth 33 ft, stone-lined.

INSTRUMENTATION.--Prior to November 1990 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 320 ft above sea level, from topographic map.

Measuring point: Bottom edge of flagstone, northwest corner of well, at land-surface datum.

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

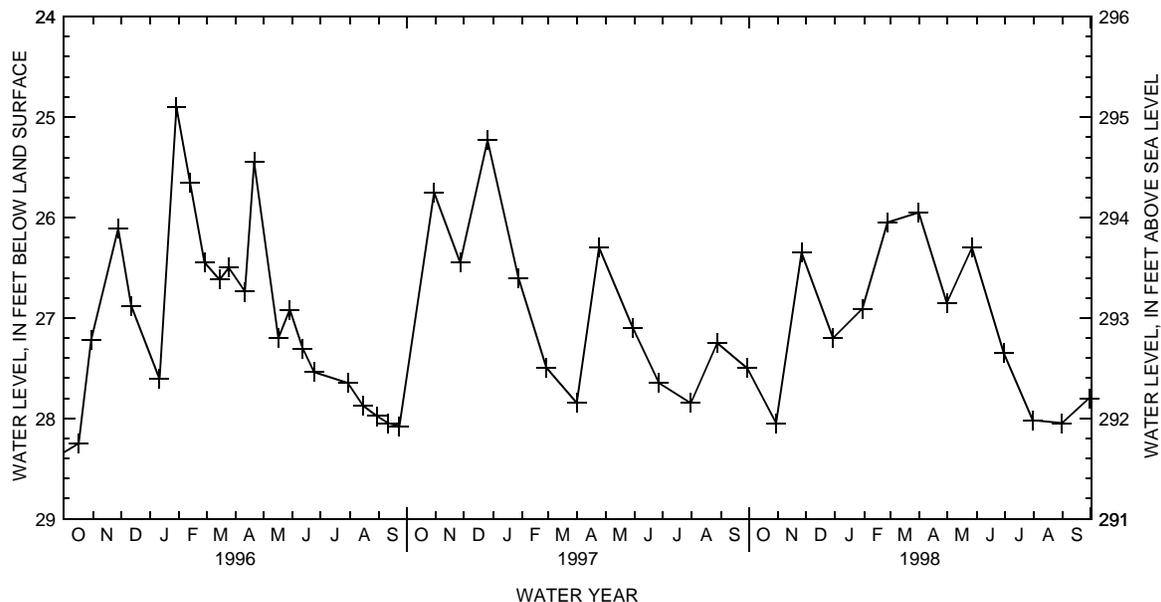
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.82 ft below land-surface datum, June 4, 1984; lowest water level measured, 29.68 ft below land-surface datum, September 27, 1962.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 30 | 28.05 | JAN 30 | 26.91 | APR 30 | 26.85 | JUL 31 | 28.02 |
| NOV 26 | 26.35 | FEB 26 | 26.05 | MAY 27 | 26.30 | AUG 31 | 28.05 |
| DEC 30 | 27.20 | MAR 31 | 25.95 | JUN 30 | 27.35 | SEP 29 | 27.80 |

WATER YEAR 1998 HIGHEST 25.95 MAR 31, 1998 LOWEST 28.05 OCT 30, 1997 AUG 31, 1998

WB 93



GROUND-WATER LEVELS

NEW HAVEN COUNTY--Continued

413245072584201. Local Number, WB 198.

LOCATION.--Lat 41°32'45", long 72°58'42", Hydrologic Unit 01100005, 10 ft north of house at 185 Pierpont Road, Waterbury; Southington quadrangle.

Owner: A. Baker.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Dug, unused, water-table well, diameter 30 in, depth 31 ft, stone-lined.

INSTRUMENTATION.--Prior to December 1990 measurements made monthly; from December 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 540 ft above sea level, from topographic map.

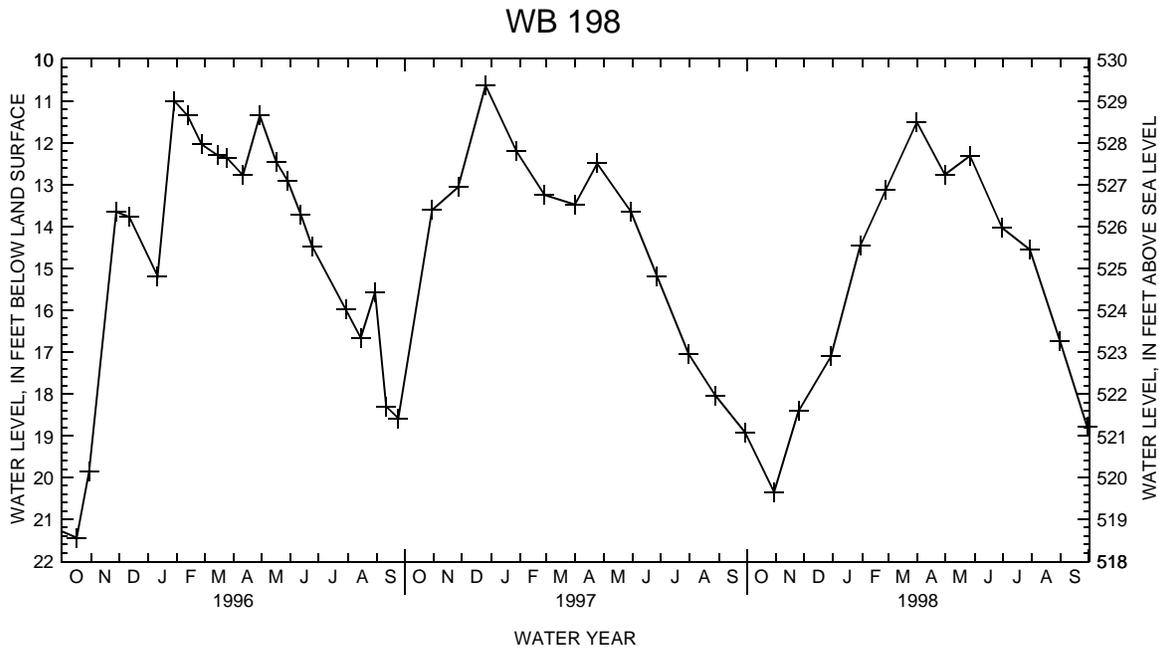
Measuring point: Top of flagstone curb, at southeast corner, at land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.49 ft below land-surface datum, January 10, 1946; lowest water level measured, 21.76 ft below land-surface datum, October 26, 1988.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 20.35 | JAN 30 | 14.45 | APR 30 | 12.75 | JUL 30 | 14.55 |
| NOV 25 | 18.40 | FEB 26 | 13.13 | MAY 27 | 12.31 | AUG 31 | 16.74 |
| DEC 30 | 17.09 | MAR 31 | 11.50 | JUN 30 | 14.02 | SEP 29 | 18.78 |
| WATER YEAR 1998 | HIGHEST | 11.50 | MAR 31, 1998 | LOWEST | 20.35 | OCT 30, 1997 | |



GROUND-WATER LEVELS

NEW LONDON COUNTY

413457072252201. Local Number, CO 335.

LOCATION.--Lat 41°34'57", long 72°25'22", Hydrologic Unit 01080205, about 80 ft east of Blackledge River and about 600 ft south of River Road, Colchester; Moodus quadrangle.

Owner: Connecticut Department of Environmental Protection.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 29 ft, PVC casing, screened 27 to 29 ft.

INSTRUMENTATION.--Prior to November 1990 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 145 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing 0.2 ft above land-surface datum.

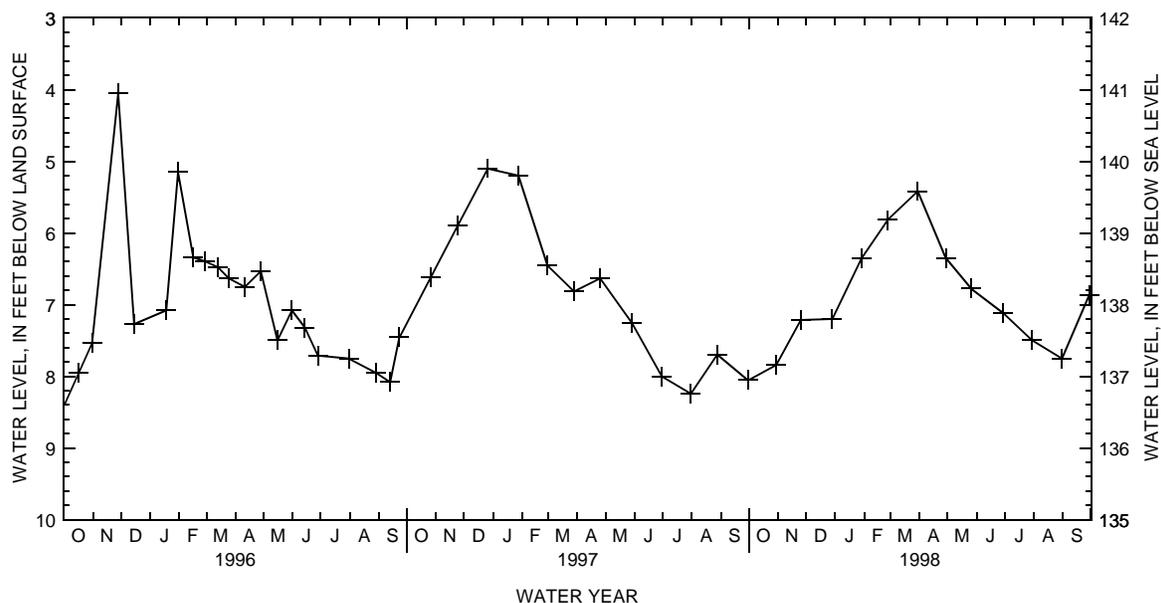
PERIOD OF RECORD.--January 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.05 ft below land-surface datum, November 28, 1995; lowest water level measured, 9.35 ft below land-surface datum, July 31, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 7.84 | JAN 29 | 6.35 | APR 29 | 6.35 | JUL 30 | 7.49 |
| NOV 25 | 7.21 | FEB 26 | 5.82 | MAY 26 | 6.77 | AUG 31 | 7.75 |
| DEC 29 | 7.20 | MAR 30 | 5.42 | JUN 29 | 7.11 | SEP 29 | 6.87 |
| WATER YEAR 1998 | HIGHEST | 5.42 | MAR 30, 1998 | LOWEST | 7.84 | OCT 30, 1997 | |

CO 335



GROUND-WATER LEVELS

NEW LONDON COUNTY--Continued

412013072030601. Local Number, GT 19.

LOCATION.--Lat 41°20'13", long 72°03'06", Hydrologic Unit 01100003, 150 ft east and 48 ft north of junction of Poquonock Avenue (High Rock Road) with Thomas Road and Tower Road, Groton; New London quadrangle.

Owner: John E. Ackley, Jr.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Dug, unused, water-table well, diameter 24 in, depth 18 ft, stone-lined.

INSTRUMENTATION.--Measurements made weekly with a chalked tape by paid observer.

DATUM.--Elevation of land-surface datum is 22 ft above sea level, from topographic map.

Measuring point: Bottom of fieldstone on west side of well at land-surface datum.

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

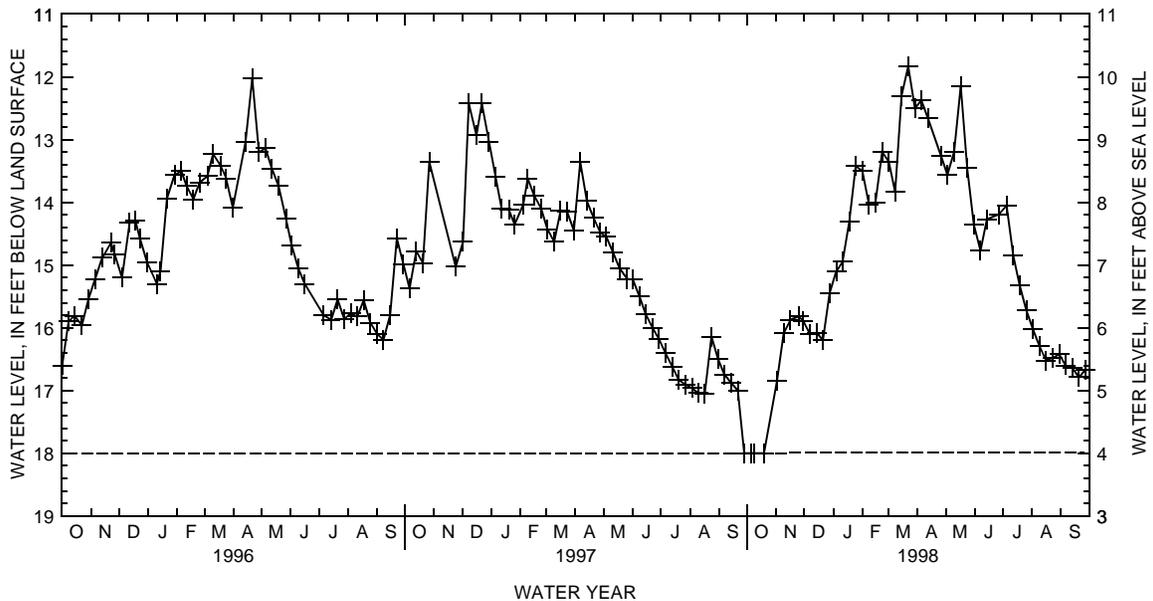
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.35 ft below land-surface datum, June 7, 1982; lowest water level measured, dry (lower than 18 ft below land-surface datum) on September 10, 1995 and September 28, 1997; October 05, 09, 19, 1997.

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

| WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | |
|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
| OCT 05 | DRY | JAN 04 | 15.10 | MAR 29 | 12.50 | JUL 05 | 14.48 |
| 09 | DRY | 11 | 14.94 | APR 05 | 12.37 | 12 | 14.85 |
| 19 | DRY | 18 | 14.30 | 12 | 12.66 | 19 | 15.32 |
| NOV 02 | 16.84 | 25 | 13.42 | 26 | 13.26 | 26 | 15.72 |
| 09 | 16.08 | FEB 01 | 13.50 | MAY 03 | 13.56 | AUG 02 | 16.03 |
| 16 | 15.87 | 08 | 14.04 | 10 | 13.20 | 09 | 16.29 |
| 25 | 15.82 | 15 | 14.00 | 17 | 12.14 | 16 | 16.52 |
| 30 | 15.89 | 22 | 13.20 | 24 | 13.44 | 23 | 16.48 |
| DEC 07 | 16.10 | MAR 01 | 13.35 | 31 | 14.35 | 30 | 16.42 |
| 14 | 16.08 | 08 | 13.83 | JUN 07 | 14.77 | SEP 06 | 16.60 |
| 21 | 16.20 | 15 | 12.30 | 14 | 14.27 | 13 | 16.64 |
| 28 | 15.45 | 22 | 11.83 | 27 | 14.19 | 20 | 16.79 |
| | | | | | | 27 | 16.67 |

WATER YEAR 1998 HIGHEST 11.83 MAR 22, 1998 LOWEST DRY OCT 05, 09, 19, 1997

GT 19



GROUND-WATER LEVELS
NEW LONDON COUNTY--Continued

412931071514201. Local number, NSN 77.

LOCATION.--Lat 41°29'31", long 71°51'42", Hydrologic Unit 01090005, about 30 ft north of Wyassup Lake Road, 0.1 miles east of entrance to cemetery, North Stonington; Ashaway quadrangle. Owner: Connecticut Department of Environmental Protection.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 43 ft, PVC casing, screened 38 to 43 ft.

INSTRUMENTATION.--From October 1991 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

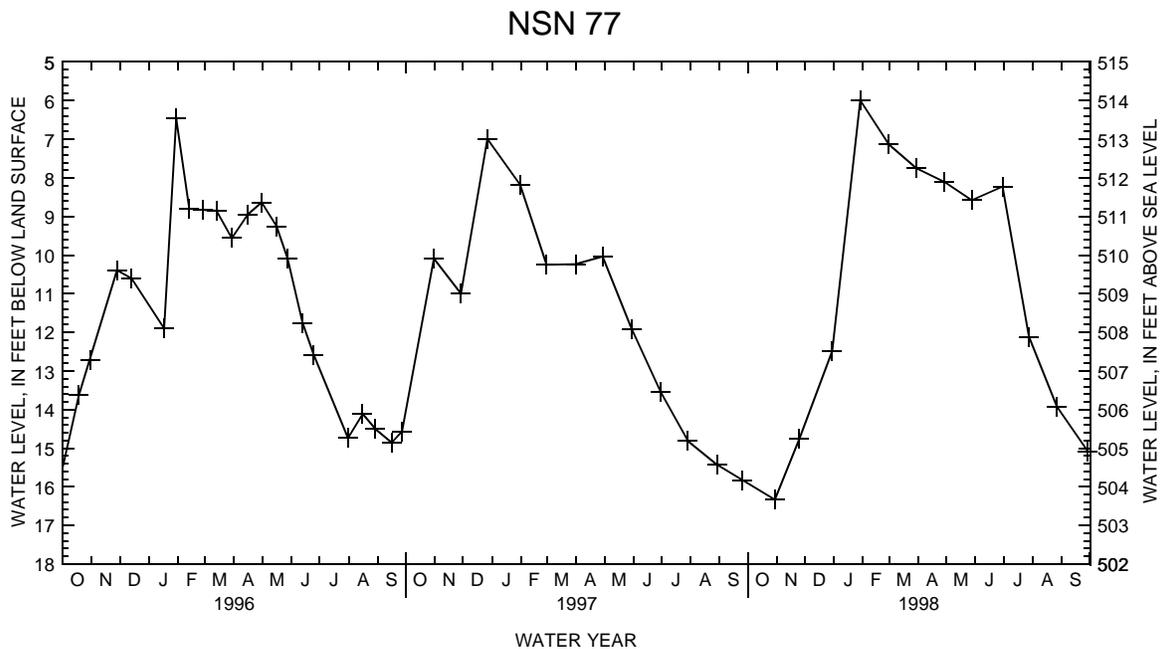
DATUM.--Elevation of land-surface datum is 520 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 2.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.99 ft below land-surface datum, January 29, 1998; lowest water level measured, 17.33 ft below land-surface datum, October 25, 1993.

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

| WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | |
|-----------------|-------|-------------|------|--------------|--------|-------------|--------------|
| OCT 30 | 16.33 | JAN 29 | 5.99 | APR 29 | 8.10 | JUL 28 | 12.11 |
| NOV 25 | 14.75 | FEB 28 | 7.12 | MAY 28 | 8.57 | AUG 27 | 13.93 |
| DEC 30 | 12.49 | MAR 30 | 7.75 | JUN 30 | 8.22 | SEP 29 | 15.09 |
| WATER YEAR 1998 | | HIGHEST | 5.99 | JAN 29, 1998 | LOWEST | 16.33 | OCT 30, 1997 |



GROUND-WATER LEVELS

NEW LONDON COUNTY--Continued

412746071510601. Local number, NSN 78.

LOCATION.--Lat 41°27'46", long 71°51'06", Hydrologic Unit 01090005, 5 ft north of Wyassup Lake Road, 90 ft west of Hetchel Swamp Brook, North Stonington; Ashaway quadrangle. Owner: Connecticut Department of Environmental Protection.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 10 ft, PVC casing, screened 5 to 10 ft.

INSTRUMENTATION.--From October 1991 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 325 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 0.70 ft above land-surface datum.

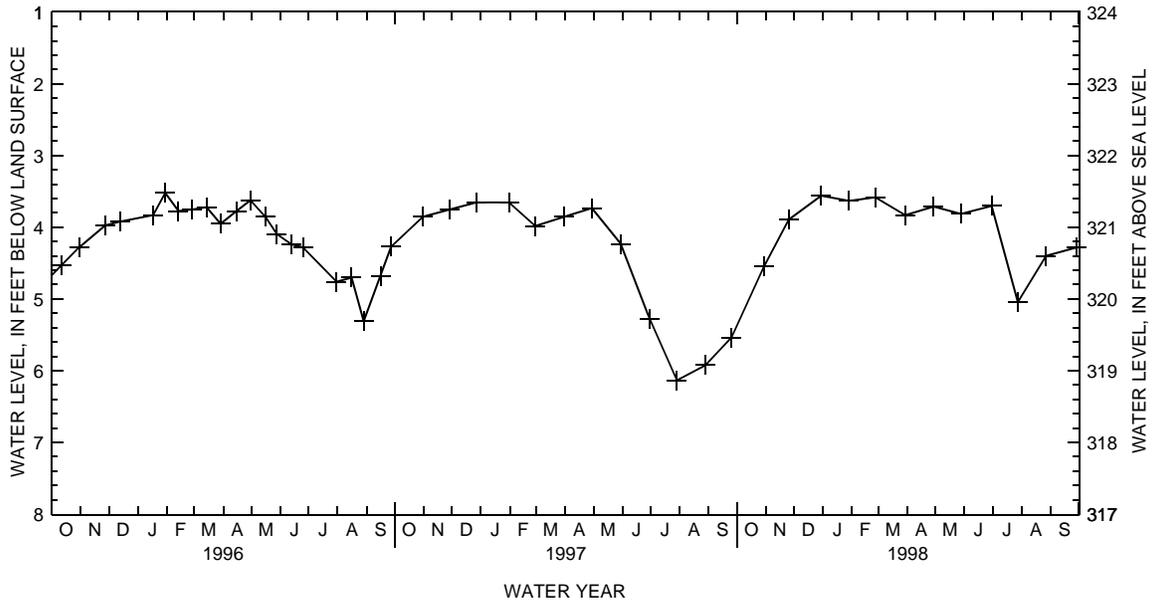
PERIOD OF RECORD.-- October 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.93 ft below land-surface datum, April 26, 1994; lowest water level measured, 7.08 ft below land-surface datum, August 30, 1995.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|---|--------------------------|-------------|-------------|
| OCT 30 4.54 | JAN 29 3.63 | APR 29 3.71 | JUL 28 5.04 |
| NOV 25 3.89 | FEB 26 3.58 | MAY 28 3.81 | AUG 27 4.40 |
| DEC 30 3.56 | MAR 30 3.83 | JUN 30 3.70 | SEP 29 4.28 |
| WATER YEAR 1998 HIGHEST 3.56 DEC 30, 1997 | LOWEST 5.04 JUL 28, 1998 | | |

NSN 78



GROUND-WATER LEVELS
NEW LONDON COUNTY--Continued

412824072173301. Local Number, SM 7.

LOCATION.--Lat 41°28'24", long 72°17'33", Hydrologic Unit 01080205, 100 ft east of State Route 11 northbound lane, 0.9 mi north of junction with Route 82, Salem; Hamburg quadrangle. Owner: Connecticut Department of Transportation.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in, depth 17 ft, plastic casing to 12 ft, screened 12 to 17 ft.

INSTRUMENTATION.--Prior to November 1990 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 238 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing, 1.7 ft above land-surface datum.

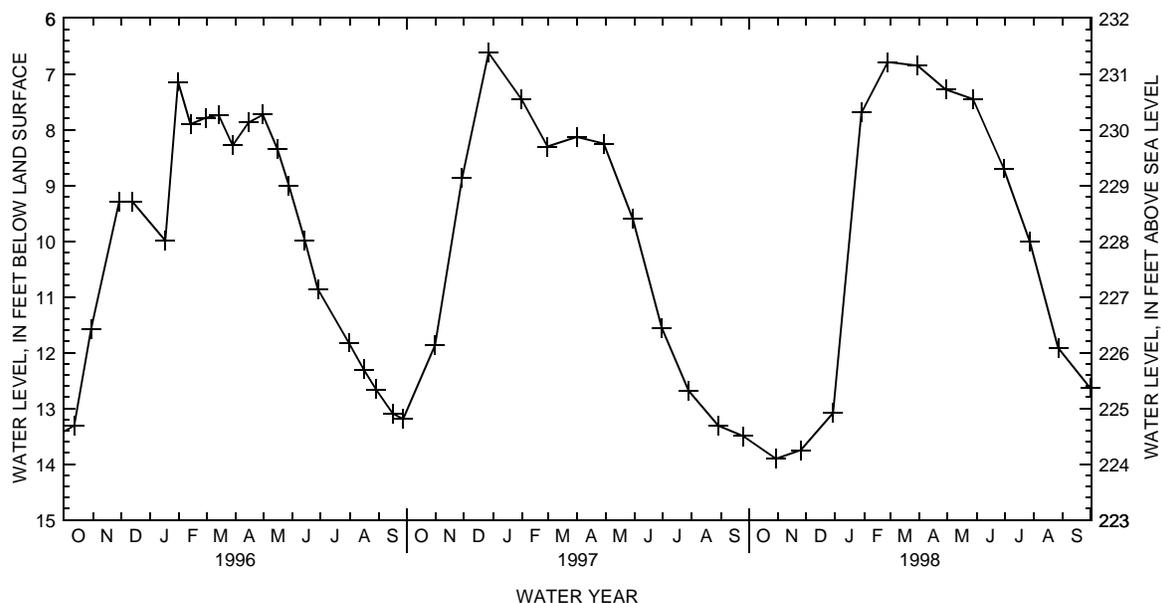
PERIOD OF RECORD.--April 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.88 ft below land-surface datum, April 26, 1983; lowest water level measured, 13.90 ft below land-surface datum, October 30, 1997.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|---------------------------|---------------------------|--------------|
| OCT 30 13.90 | JAN 29 7.69 | APR 29 7.28 | JUL 28 10.01 |
| NOV 25 13.75 | FEB 26 6.79 | MAY 28 7.45 | AUG 27 11.92 |
| DEC 30 13.08 | MAR 30 6.85 | JUN 30 8.70 | SEP 30 12.63 |
| WATER YEAR 1998 | HIGHEST 6.79 FEB 26, 1998 | LOWEST 13.90 OCT 30, 1997 | |

SM 7



GROUND-WATER LEVELS

TOLLAND COUNTY

414833072190301. Local Number, CV 51.

LOCATION.--Lat 41°48'33", long 72°19'03", Hydrologic Unit 01100002, Southeast corner of hay field 165 ft east of Brigham Tavern Road, 3,600 ft north of Route 44, Coventry; Coventry quadrangle. Owner: University of Connecticut.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table, diameter 2 in, depth 37 ft, PVC casing, slotted 35.5 to 37 ft.

INSTRUMENTATION.--From 1992 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 295 ft above sea level, from topographic map. Measuring point: Top of PVC casing, 1.23 ft above land-surface datum.

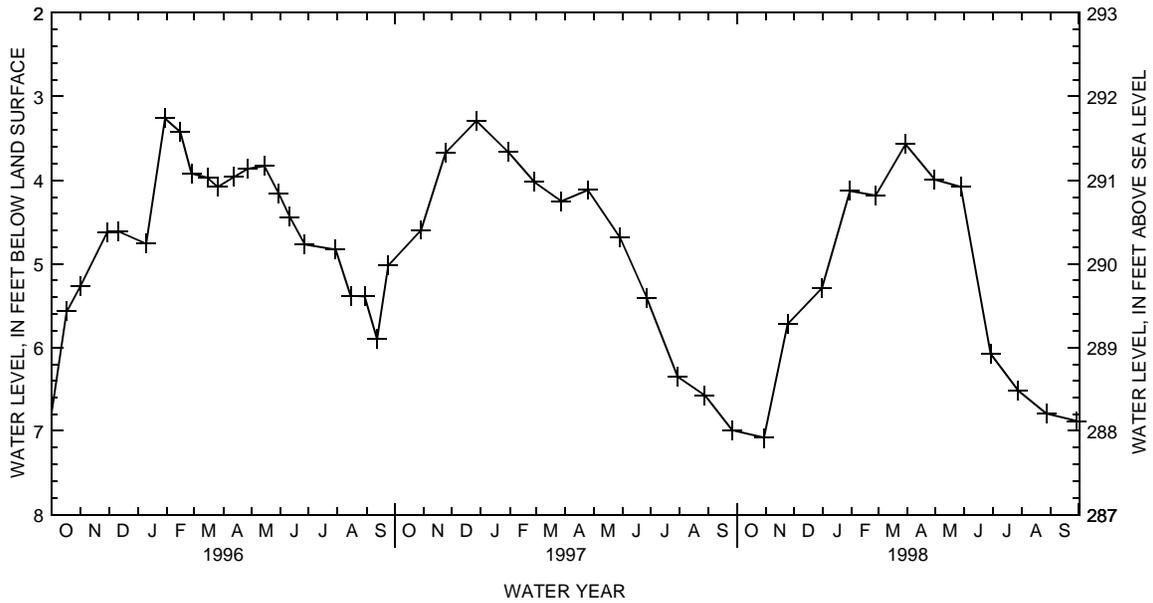
PERIOD OF RECORD.--December 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.81 ft below land-surface datum, March 30, 1994; lowest water level measured, 7.78 ft below land-surface datum, September 10, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 31 | 7.08 | JAN 30 | 4.13 | APR 30 | 3.99 | JUL 28 | 6.51 |
| NOV 24 | 5.72 | FEB 26 | 4.18 | MAY 28 | 4.08 | AUG 28 | 6.79 |
| DEC 31 | 5.29 | MAR 30 | 3.57 | JUN 29 | 6.08 | SEP 29 | 6.88 |
| WATER YEAR 1998 | HIGHEST | 3.57 | MAR 30, 1998 | LOWEST | 7.08 | OCT 31, 1997 | |

CV 51



GROUND-WATER LEVELS

TOLLAND COUNTY--Continued

415458072291901. Local Number, EL 82.

LOCATION.--Lat 41°54'58", long 72°29'19", Hydrologic Unit 01080205, in Town park, 1,000 ft north of State Route 140 and 1,000 ft west of Hatheway Road, Ellington; Ellington quadrangle.

Owner: Town of Ellington.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Drilled, unused, water-table well, diameter 2 in, depth 24.5 ft, stainless steel casing.

INSTRUMENTATION.-- From May 1994 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 193 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing 2.53 ft above land-surface datum.

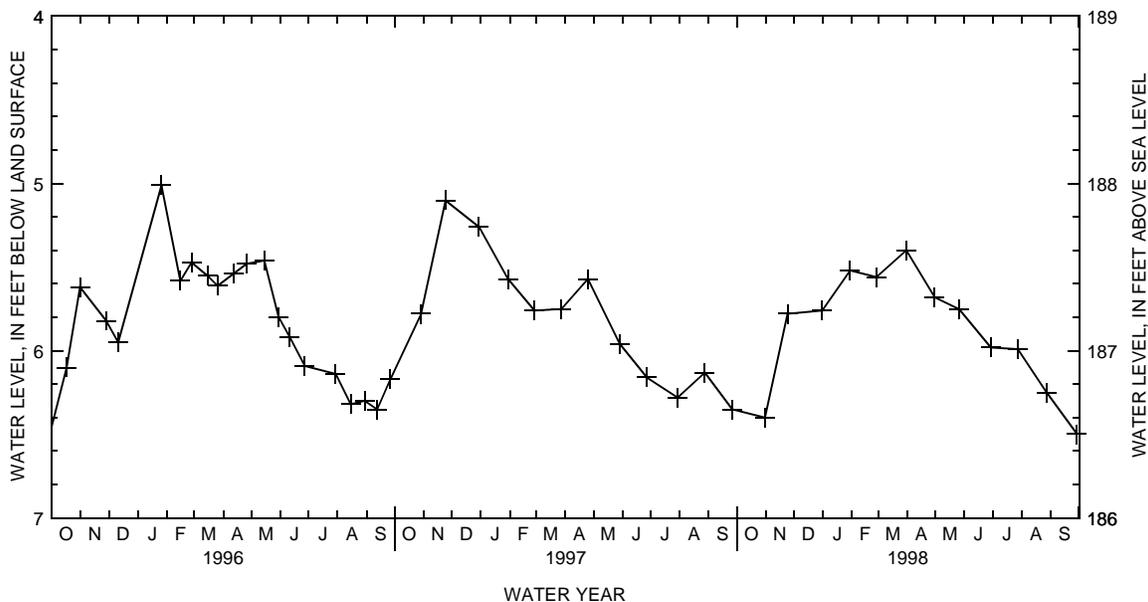
PERIOD OF RECORD.--May 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.01 ft below land-surface datum, January 26, 1996; lowest water level measured, 6.56 ft below land-surface datum, August 31, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 31 | 6.40 | JAN 30 | 5.52 | APR 30 | 5.68 | JUL 28 | 5.99 |
| NOV 24 | 5.78 | FEB 27 | 5.56 | MAY 26 | 5.75 | AUG 28 | 6.25 |
| DEC 31 | 5.76 | MAR 31 | 5.40 | JUN 29 | 5.98 | SEP 29 | 6.50 |
| WATER YEAR 1998 | HIGHEST | 5.40 | MAR 31, 1998 | LOWEST | 6.50 | SEP 29, 1998 | |

EL 82



TOLLAND COUNTY--Continued

415640072275801. Local Number, EL 139.

LOCATION.--Lat 41°56'40", long 72°27'58", Hydrologic Unit 01080205, end of cul de sac, Overhill Road Ellington; Ellington quadrangle.

Owner: Town of Ellington.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled, unused, water-table well, diameter 2 in, depth 32.8 ft, PVC casing.

INSTRUMENTATION.--From May 1994 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 436 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing 1.56 ft above land-surface datum.

PERIOD OF RECORD.--May 1994 to current year.

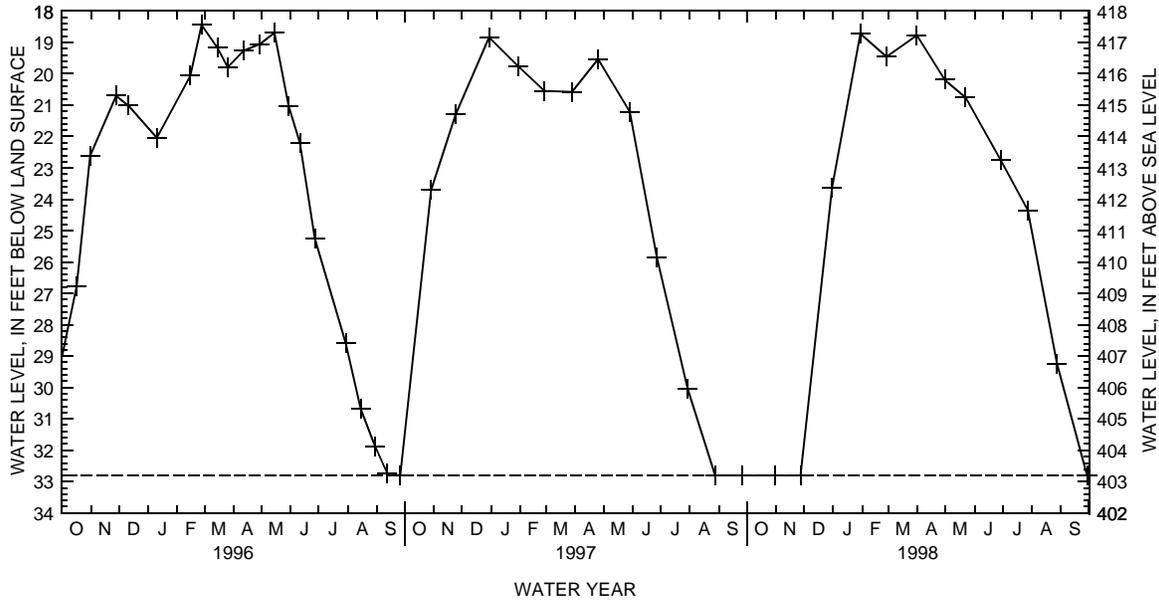
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.44 ft below land-surface datum, February 27, 1996; lowest water level measured, dry (lower than 32.8 ft below land-surface datum), on September 26, 1996; August 28, September 26, 1997; October 31, November 30, 1997; September 29, 1998.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|--------------|--------------|--------------|--------------|
| OCT 31 DRY | JAN 30 18.72 | APR 30 20.19 | JUL 28 24.36 |
| NOV 30 DRY | FEB 27 19.45 | MAY 22 20.74 | AUG 28 29.26 |
| DEC 31 23.63 | MAR 31 18.76 | JUN 29 22.76 | SEP 29 DRY |

WATER YEAR 1998 HIGHEST 18.72 JAN 30, 1998 LOWEST DRY OCT 31, NOV 30, 1997; SEP 29, 1998.

EL 139



GROUND-WATER LEVELS

TOLLAND COUNTY--Continued

415312072280201. Local Number, EL 140.

LOCATION.--Lat 41°53'12", long 72°28'02", Hydrologic Unit 01080205, Metcalf nature trail, 10 ft north of Cedarwood Drive directly across from intersection with Pinewood Lane, Ellington; Ellington quadrangle. Owner: Town of Ellington.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Drilled, unused, water-table well, diameter 2 in, depth 25.8 ft, PVC casing.

INSTRUMENTATION.--From April 1994 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 380 ft above sea level, from topographic map.

Measuring point: Top of steel protective casing 2.36 ft above land-surface datum.

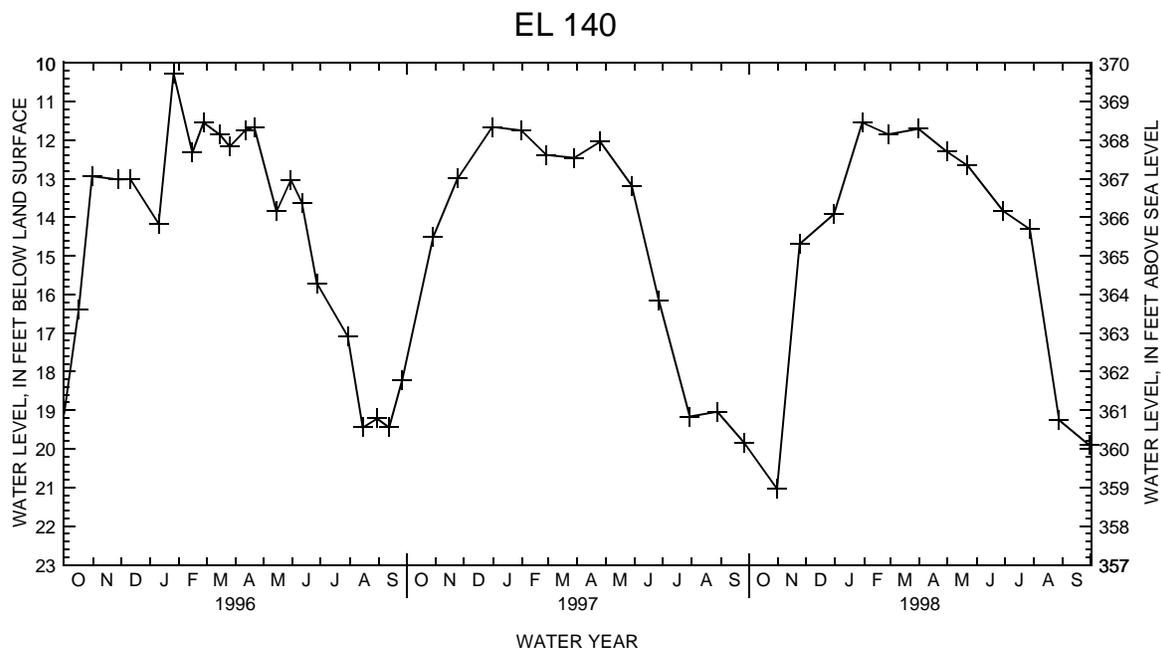
PERIOD OF RECORD.--April 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.27 ft below land-surface datum, January 26, 1996; lowest water level measured, 21.04 ft below land-surface datum, October 31, 1997.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|--------------|--------------|--------------|--------------|
| OCT 31 21.04 | JAN 30 11.54 | APR 30 12.30 | JUL 28 14.31 |
| NOV 24 14.69 | FEB 27 11.85 | MAY 22 12.66 | AUG 28 19.25 |
| DEC 31 13.91 | MAR 31 11.71 | JUN 29 13.83 | SEP 29 19.90 |

WATER YEAR 1998 HIGHEST 11.54 JAN 30, 1998 LOWEST 21.04 OCT 31, 1997



TOLLAND COUNTY--Continued

414548072114501. Local Number, MS 19.

LOCATION.--Lat 41°45'48", long 72°11'45", Hydrologic Unit 01100002, 400 ft east of State Route 195 and 225 ft north of Cemetery Road, Mansfield; Spring Hill quadrangle.
Owner: C.T. DeBoer.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Dug, unused, water-table well, diameter 36 in, depth 22 ft, concrete tile.

INSTRUMENTATION.--Prior to July 1984 measurements made monthly; from July 1984 through September 1989 measurements made weekly; October 1989 through September 1993 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

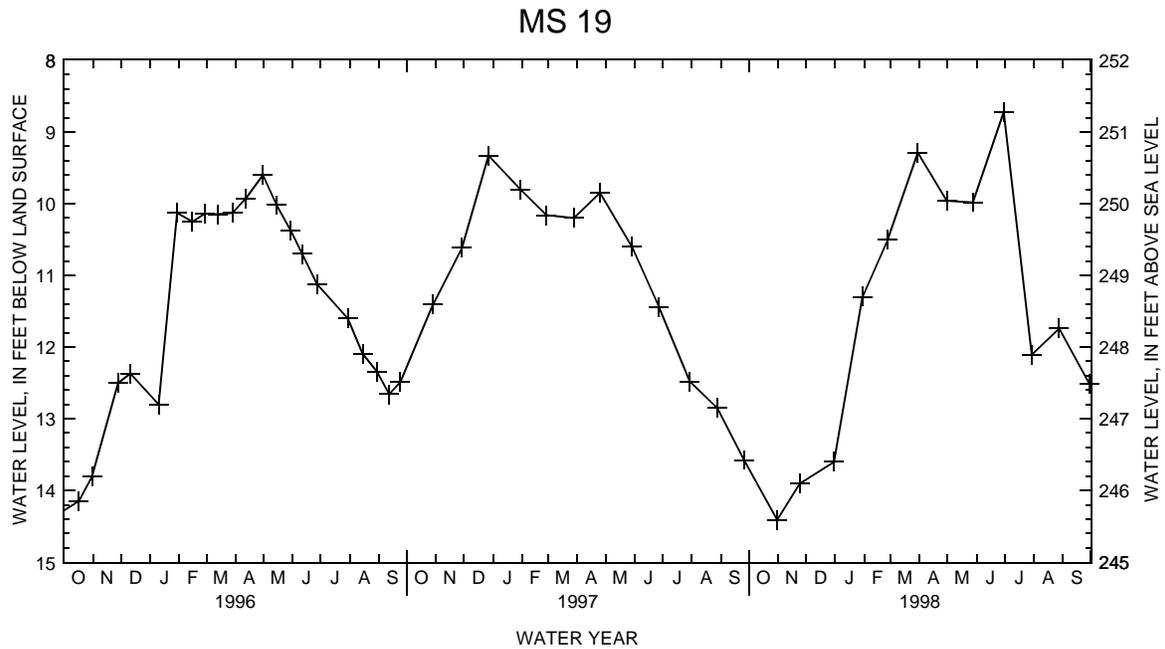
DATUM.--Elevation of land-surface datum is 260 ft above sea level, from topographic map.
Measuring point: Top of tile, east side at land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.85 ft below land-surface datum, April 26, 1983; lowest water level measured, 15.72 ft below land-surface datum, January 26, 1966.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 31 | 14.41 | JAN 30 | 11.30 | APR 30 | 9.96 | JUL 30 | 12.11 |
| NOV 24 | 13.90 | FEB 26 | 10.51 | MAY 28 | 9.98 | AUG 28 | 11.74 |
| DEC 31 | 13.60 | MAR 30 | 9.29 | JUN 30 | 8.72 | SEP 29 | 12.51 |
| WATER YEAR 1998 | HIGHEST | 8.72 | JUN 30, 1998 | LOWEST | 14.41 | OCT 31, 1997 | |



GROUND-WATER LEVELS

TOLLAND COUNTY--Continued

414741072134501. Local Number, MS 44.

LOCATION.--Lat 41°47'41", long 72°13'45", Hydrologic Unit 01100002, at School of Agronomy, University of Connecticut, Route 195 Mansfield, down access road to farm house, 150 ft from end of road, 40 ft south side of road.

Owner: University of Connecticut.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused, water-table, diameter 2 in, depth 22 ft, PVC casing, slotted 20 to 22 ft.

INSTRUMENTATION.--Prior to May 1984 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 654 ft above sea level, from topographic map.

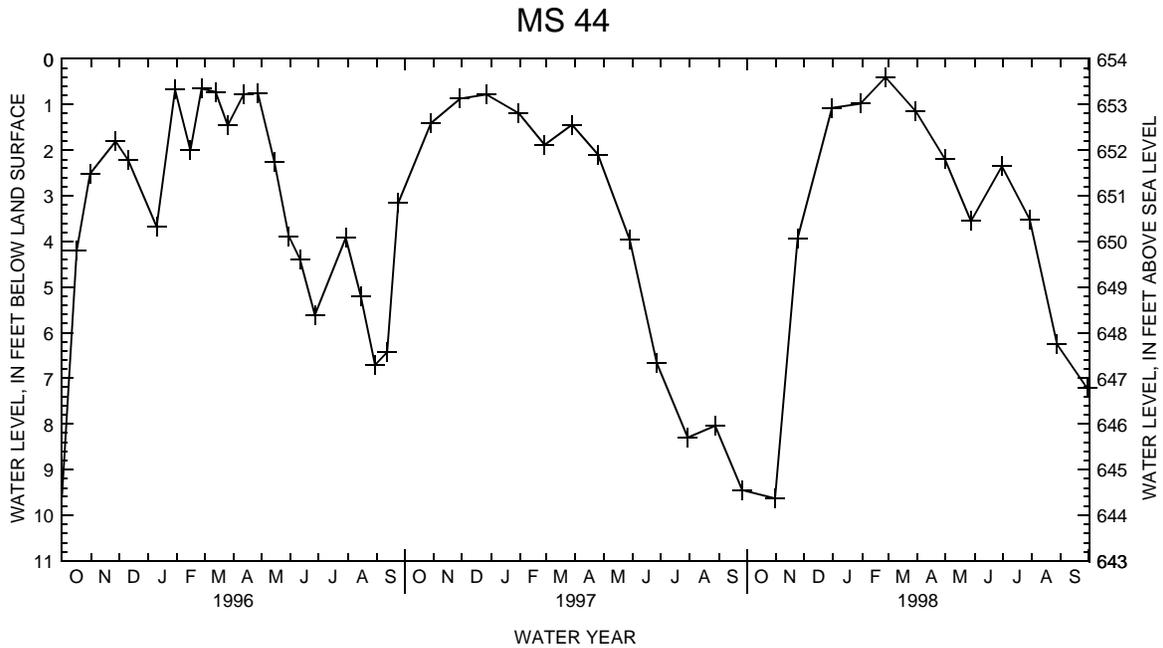
Measuring point: Top of steel protective casing, 1.20 ft above land-surface datum.

PERIOD OF RECORD.--June 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.08 ft below land-surface datum, March 30, 1994; lowest water level measured, 10.58 ft below land-surface datum, September 28, 1995.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|--------------------------|-------------|--------------|
| OCT 31 9.63 | JAN 30 .98 | APR 30 2.19 | JUL 30 3.52 |
| NOV 24 3.93 | FEB 26 .40 | MAY 28 3.55 | AUG 28 6.26 |
| DEC 31 1.07 | MAR 30 1.15 | JUN 30 2.35 | SEP 29 7.22 |
| WATER YEAR 1998 | HIGHEST .40 FEB 26, 1998 | LOWEST 9.63 | OCT 31, 1997 |



TOLLAND COUNTY--Continued

414825072185601. Local Number, MS 45.

LOCATION.--Lat 41°48'25", long 72°18'56", Hydrologic Unit 01100002, west side of corn field, 3,000 ft west of Route 32, 2,500 ft north of Route 44, 100 ft east of Willimantic River, Mansfield; Coventry quadrangle. Owner: University of Connecticut.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused, water-table, diameter 2 in, depth 18.4 ft, PVC casing, slotted 13.4 to 18.4 ft.

INSTRUMENTATION.--From January 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 295 ft above sea level, from topographic map. Measuring point: Top of PVC casing, 0.76 ft above land-surface datum.

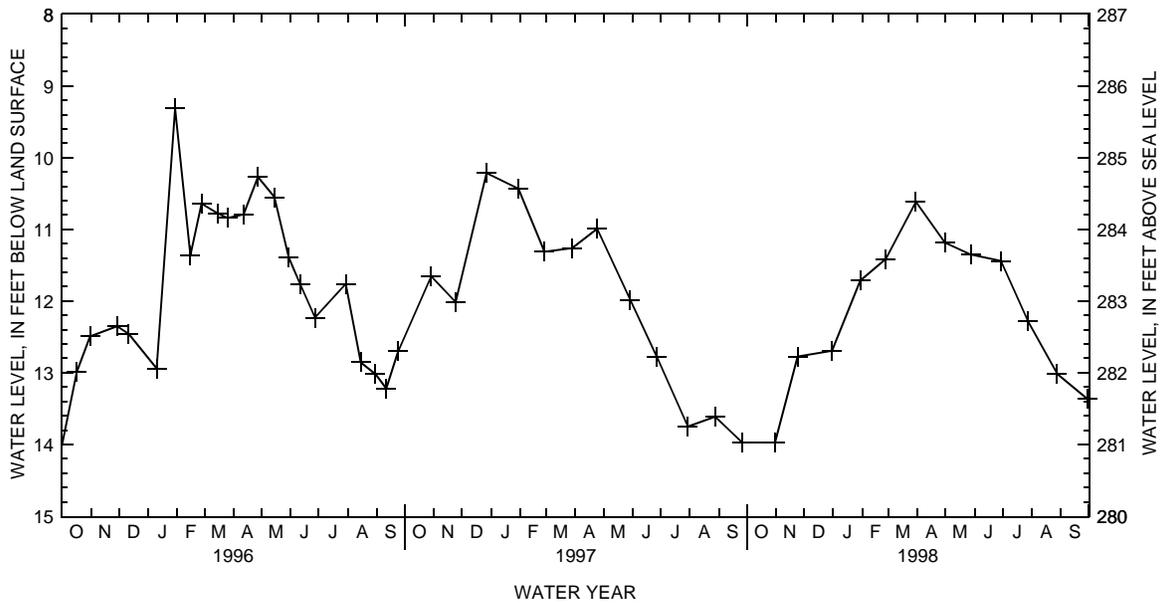
PERIOD OF RECORD.--January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.00 ft below land-surface datum, March 31, 1993; lowest water level measured, 14.47 ft below land-surface datum, September 10, 1995.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|----------------------------|--------------|--------------|
| OCT 31 13.97 | JAN 30 11.71 | APR 30 11.18 | JUL 28 12.28 |
| NOV 24 12.77 | FEB 26 11.41 | MAY 28 11.35 | AUG 28 13.01 |
| DEC 31 12.69 | MAR 30 10.61 | JUN 29 11.44 | SEP 29 13.36 |
| WATER YEAR 1998 | HIGHEST 10.61 MAR 30, 1998 | LOWEST 13.97 | OCT 31, 1997 |

MS 45



GROUND-WATER LEVELS

TOLLAND COUNTY--Continued

414825072185602. Local Number, MS 46.

LOCATION.--Lat 41°48'25", long 72°18'56", Hydrologic Unit 01100002, west side of corn field, 3,000 ft west of Route 32, 2,500 ft north of Route 44, 100 ft east of Willimantic River, Mansfield; Coventry quadrangle. Owner: University of Connecticut.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused, water-table, diameter 2 in, depth 41.25 ft, PVC casing, slotted 36.25 to 41.25 ft.

INSTRUMENTATION.--From December 1992 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 295 ft above sea level, from topographic map. Measuring point: Top of PVC casing, 2.10 ft above land-surface datum.

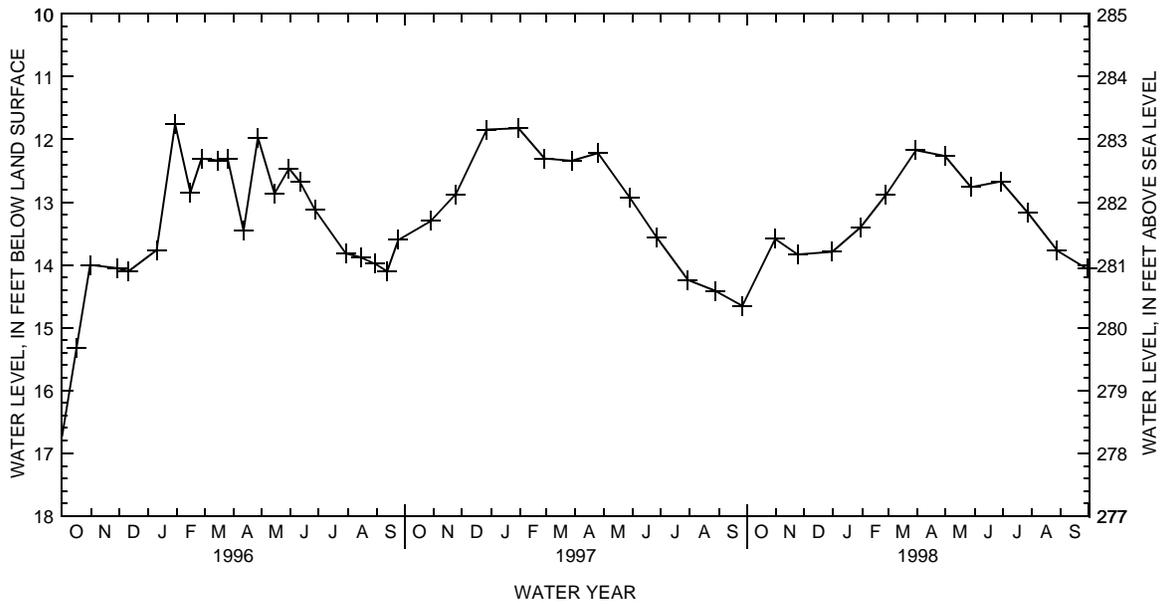
PERIOD OF RECORD.--December 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.72 ft below land-surface datum, March 31, 1993; lowest water level measured, 16.91 ft below land-surface datum, September 29, 1995.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|----------------------------|--------------|--------------|
| OCT 31 13.58 | JAN 30 13.40 | APR 30 12.26 | JUL 28 13.17 |
| NOV 24 13.83 | FEB 26 12.89 | MAY 28 12.76 | AUG 28 13.77 |
| DEC 31 13.79 | MAR 30 12.17 | JUN 29 12.67 | SEP 29 14.06 |
| WATER YEAR 1998 | HIGHEST 12.17 MAR 30, 1998 | LOWEST 14.06 | SEP 29, 1998 |

MS 46



GROUND-WATER LEVELS

TOLLAND COUNTY--Continued

414843072182601. Local Number, MS 74.

LOCATION.--Lat 41°48'43", long 72°18'26", Hydrologic Unit 01100002, east side of corn field, 30 ft north of MS 74 and 3,200 ft north of intersection Routes 32 and 44, Mansfield; Coventry quadrangle. Owner: University of Connecticut.

AQUIFER.--Till of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused, water-table, diameter 2 in, depth 19.5 ft, PVC casing, slotted 14.5 to 19.5 ft.

INSTRUMENTATION.--From December 1992 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 490 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 2.0 ft above land-surface datum.

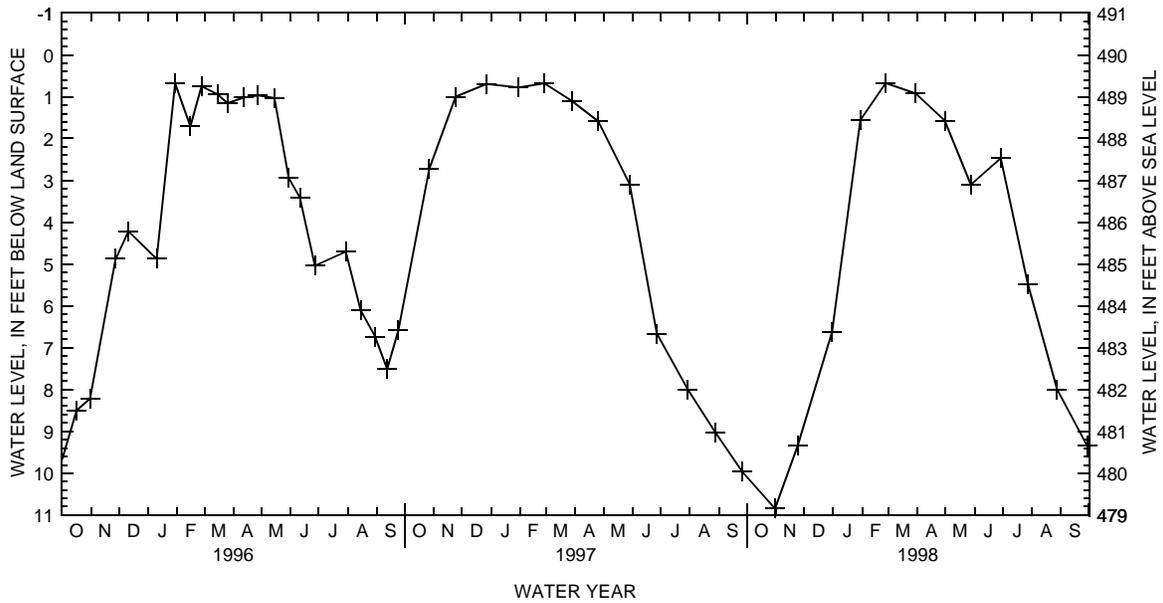
PERIOD OF RECORD.--December 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.14 ft above land-surface datum, March 31, 1993; lowest water level measured, 10.85 ft below land-surface datum, October 31, 1997.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 31 | 10.85 | JAN 30 | 1.55 | APR 30 | 1.57 | JUL 28 | 5.48 |
| NOV 24 | 9.35 | FEB 26 | .67 | MAY 28 | 3.10 | AUG 28 | 8.00 |
| DEC 31 | 6.63 | MAR 30 | .92 | JUN 29 | 2.47 | SEP 29 | 9.35 |
| WATER YEAR 1998 | HIGHEST | .67 | FEB 26, 1998 | LOWEST | 10.85 | OCT 31, 1997 | |

MS 74



GROUND-WATER LEVELS

TOLLAND COUNTY--Continued

414815072183401. Local Number, MS 75.

LOCATION.--Lat 41°48'15", long 72°18'34", Hydrologic Unit 01100002, East side of corn field, 400 ft east of railroad tracks, 1,200 ft north of Route 44, Mansfield; Coventry quadrangle.

Owner: University of Connecticut.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table, diameter 2 in, depth 31 ft, PVC casing, slotted 26 to 31 ft.

INSTRUMENTATION.--From December 1992 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape;

since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 345 ft above sea level, from topographic map.

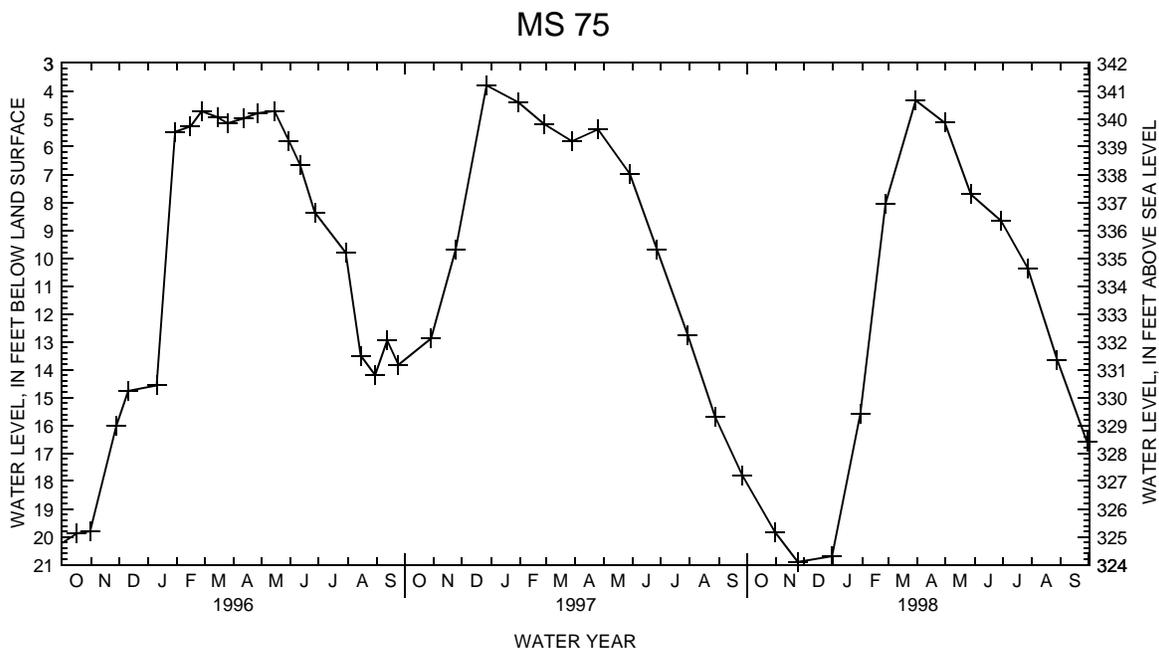
Measuring point: Top of PVC casing, 2.18 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.80 ft below land-surface datum, December 27, 1996; lowest water level measured, 20.90 ft below land-surface datum, November 24, 1997.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 31 | 19.83 | JAN 30 | 15.57 | APR 30 | 5.14 | JUL 28 | 10.37 |
| NOV 24 | 20.90 | FEB 26 | 8.04 | MAY 28 | 7.71 | AUG 28 | 13.64 |
| DEC 31 | 20.69 | MAR 30 | 4.33 | JUN 29 | 8.64 | SEP 29 | 16.60 |
| WATER YEAR 1998 | HIGHEST | 4.33 | MAR 30, 1998 | LOWEST | 20.90 | NOV 24, 1997 | |



TOLLAND COUNTY--Continued

414814072183101. Local Number, MS 76.

LOCATION.--Lat 41°48'14", long 72°18'31", Hydrologic Unit 01100002, South edge of corn field 3,000 ft north of Route 44, 35 ft west of farm road, Mansfield; Coventry quadrangle.

Owner: University of Connecticut.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table, diameter 2 in, depth 68.5 ft, PVC casing, slotted 63.5 to 68.5 ft.

INSTRUMENTATION.--From December 1992 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 345 ft above sea level, from topographic map.

Measuring point: Top of PVC casing, 2.20 ft above land-surface datum.

REMARKS.--Missing data due to well obstruction.

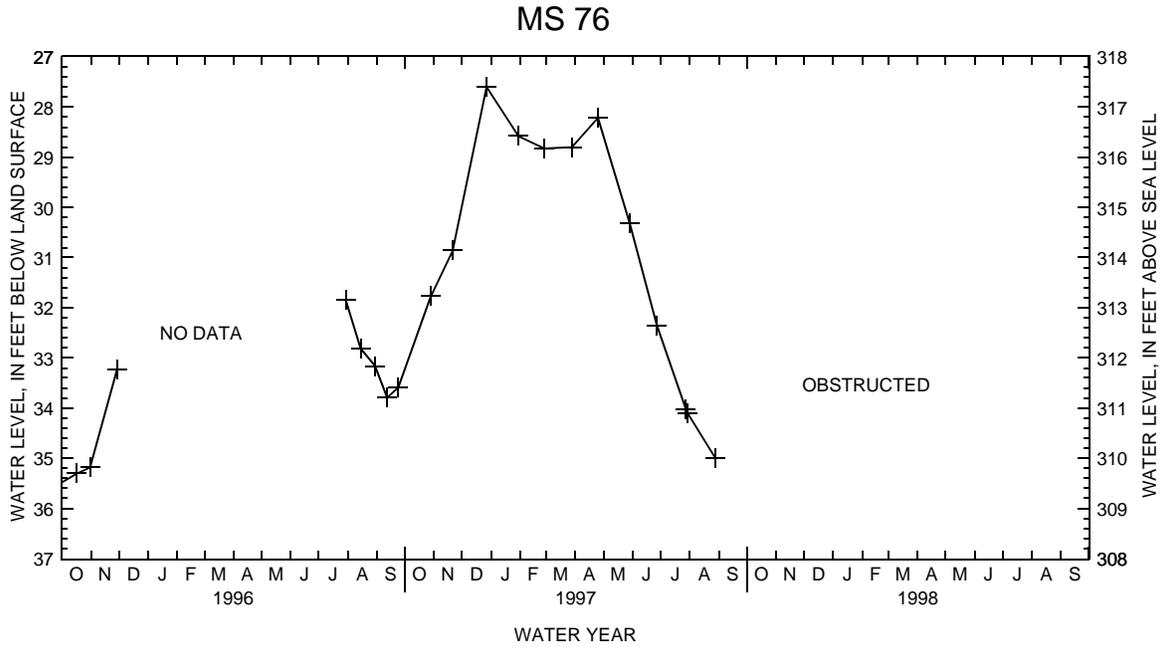
PERIOD OF RECORD.--December 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.36 ft below land-surface datum, April 9, 1994; lowest water level measured, 35.92 ft below land-surface datum, October 29, 1993.

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

| | | | |
|-------|-------|-------|-------|
| WATER | WATER | WATER | WATER |
| LEVEL | LEVEL | LEVEL | LEVEL |

NO DATA FOR YEAR- WELL OBSTRUCTED



GROUND-WATER LEVELS

TOLLAND COUNTY--Continued

414844072182701. Local Number, MS 77.

LOCATION.--Lat 41°48'44", long 72°18'27", Hydrologic Unit 01100002, East side of corn field, 185 ft east of Route 44, 30 ft north of MS 74, 3,200 ft north of intersection routes 32 and 44, Mansfield; Coventry quadrangle.

Owner: University of Connecticut.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Augered, unused, water-table, diameter 2 in, depth 50 ft, PVC casing, slotted 45 to 50 ft.

INSTRUMENTATION.--From July 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 490 ft above sea level, from topographic map.

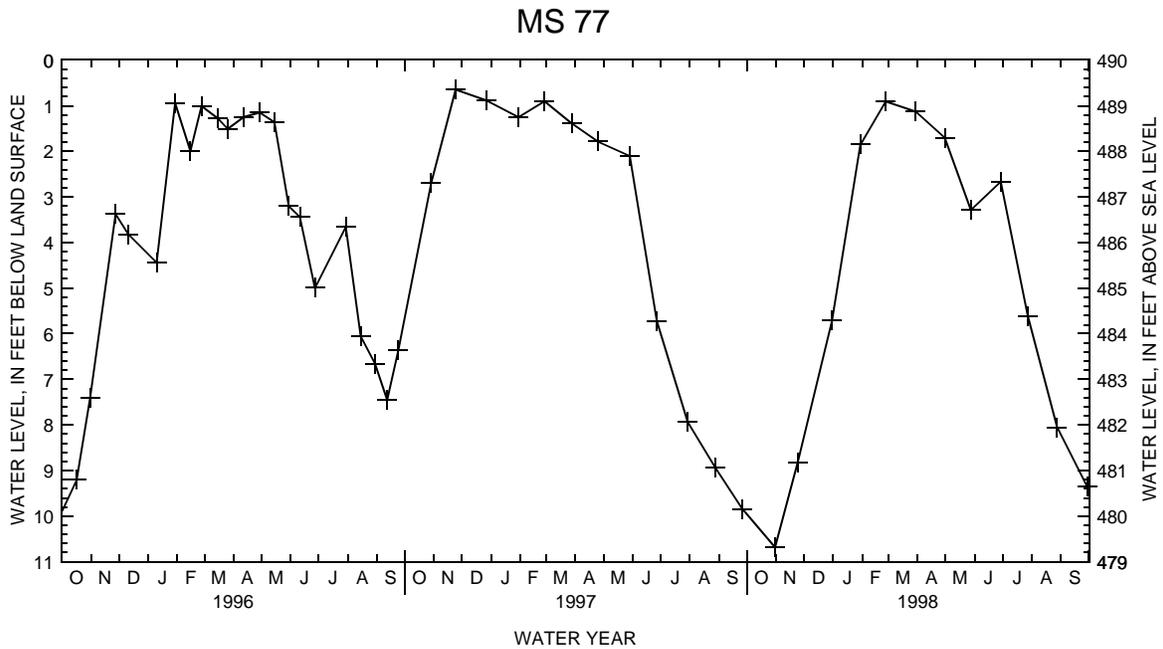
Measuring point: Top of steel protective casing, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--July 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.31 ft below land-surface datum, March 30, 1994; lowest water level measured, 10.68 ft below land-surface datum, October 31, 1997.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 31 | 10.68 | JAN 30 | 1.85 | APR 30 | 1.70 | JUL 28 | 5.61 |
| NOV 24 | 8.83 | FEB 26 | .91 | MAY 28 | 3.29 | AUG 28 | 8.05 |
| DEC 31 | 5.71 | MAR 30 | 1.13 | JUN 29 | 2.67 | SEP 29 | 9.35 |
| WATER YEAR 1998 | HIGHEST | .91 | FEB 26, 1998 | LOWEST | 10.68 | OCT 31, 1997 | |



WINDHAM COUNTY

414054071552001. Local Number, PL 1.

LOCATION.--Lat 41°40'54", long 71°55'20", Hydrologic Unit 01100001, 195 ft south of Pleasant Street, 1,300 ft east of junction with State Route 14, In left corner of back yard. Plainfield; Plainfield quadrangle. Owner: Clifford Starkweather.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Dug, unused, water-table well, diameter 36 in, depth 34 ft, brick-lined.

INSTRUMENTATION.--Analog recorder installed April 12, 1985 and removed September 2, 1985.

Prior to November 1990 measurements made monthly; from November 1990 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 180 ft above sea level, from topographic map.

Measuring point: Top of stone curb at land-surface datum.

REMARKS.--Water levels affected by use of well for irrigation during July and August, 1997.

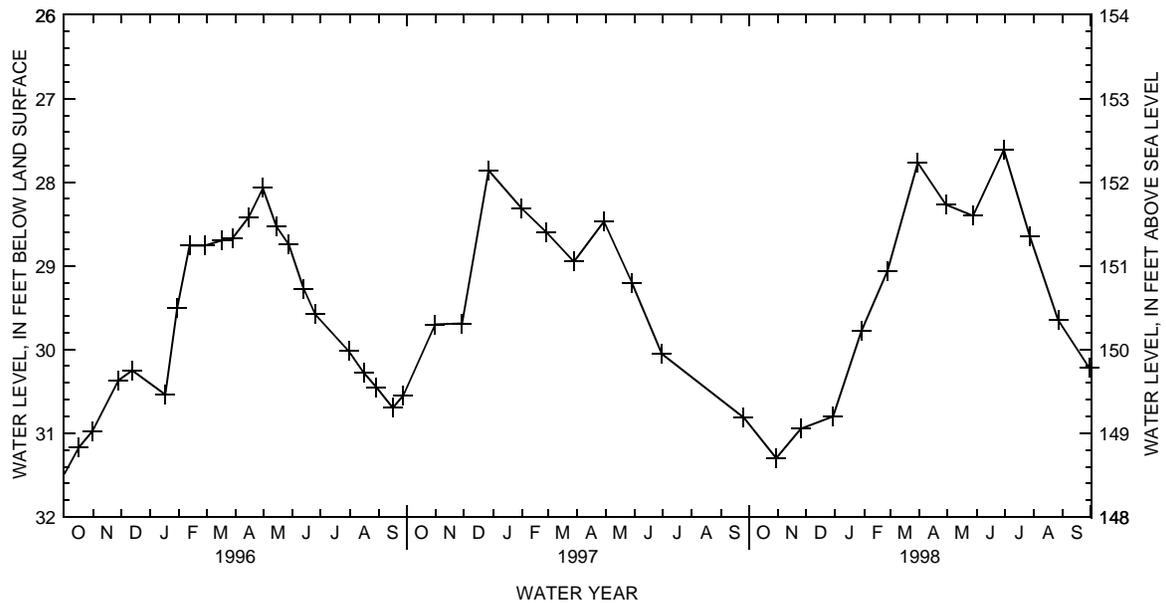
PERIOD OF RECORD.--October 1942 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.19 ft below land-surface datum, April 26, 1983; lowest water level measured, 33.21 ft below land-surface datum, February 10, 1966.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 31.30 | JAN 29 | 29.78 | APR 29 | 28.27 | JUL 28 | 28.65 |
| NOV 25 | 30.95 | FEB 26 | 29.06 | MAY 28 | 28.40 | AUG 27 | 29.65 |
| DEC 30 | 30.80 | MAR 30 | 27.77 | JUN 30 | 27.61 | SEP 29 | 30.22 |
| WATER YEAR 1998 | HIGHEST | 27.61 | JUN 30, 1998 | LOWEST | 31.30 | OCT 30, 1997 | |

PL 1



GROUND-WATER LEVELS

WINDHAM COUNTY--Continued

414243072040501. Local Number, SC 19.

LOCATION.-- Lat 41°42'43", long 72°04'05", Hydrologic unit 01100002, hilltop site at Pudding Hill Wildlife Management are. As of March 29,1999 name changed to James V. Spignesi, Jr. Wildlife Area. Off State Route 97 along south side of field road about 100 ft east of Route 97; Scotland; Scotland quadrangle. Owner: State of Connecticut.

AQUIFER.-- Till of Pleistocene age.

WELL CHARACTERISTICS.-- Bored, unused, water table well, diameter 2 in, depth 21 ft, PVC casing, slotted 18 to 21 ft.

INSTRUMENTATION.--Prior to October 28, 1988 measurements made monthly with a chalked tape by State Natural Resources Center personnel. ADR water-level recorder with 60-minute punch installed October 28, 1988, removed 1992. From October 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements since October 1993 made by USGS personnel.

DATUM.--Elevation of land-surface datum is 498 ft above sea level, from topographic map. Measuring point: Top of PVC coupling 1.28 ft above land-surface datum.

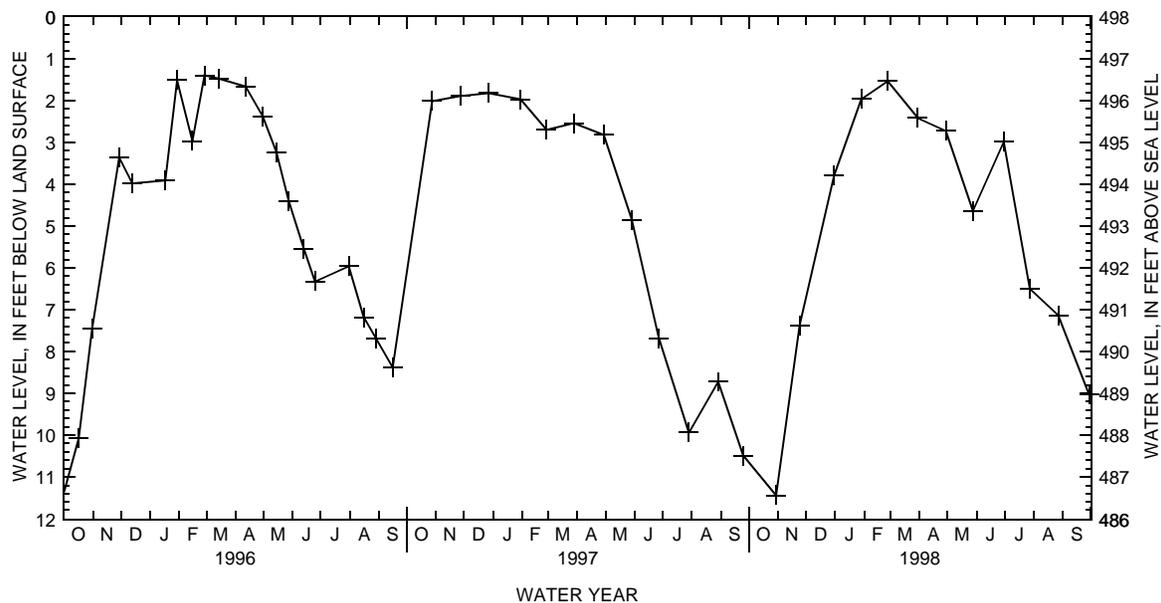
PERIOD OF RECORD.-- January 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 0.95 ft below land-surface datum, June 10, 1989; lowest water level measured, 11.60 ft below land-surface datum, September 28, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|-------------------|-------------|--------------------|-------------|--------|-------------|
| OCT 30 | 11.44 | JAN 29 | 1.96 | APR 29 | 2.72 | JUL 28 | 6.50 |
| NOV 24 | 7.37 | FEB 26 | 1.53 | MAY 28 | 4.63 | AUG 27 | 7.13 |
| DEC 31 | 3.80 | MAR 30 | 2.42 | JUN 30 | 2.98 | SEP 29 | 9.03 |
| WATER YEAR 1998 | HIGHEST | 1.53 FEB 26, 1998 | LOWEST | 11.44 OCT 30, 1997 | | | |

SC 19



WINDHAM COUNTY--Continued

414237072034401. Local Number, SC 20.

LOCATION.-- Lat 41°42'37", long 72°03'44", Hydrologic unit 01100002, hillside site at Pudding Hill Wildlife Management area. As of March 29,1999 name changed to James V. Spignesi, Jr. Wildfile Area. Off State Route 97 along field road on south side about 2,300 ft east of Route 97; Scotland; Scotland quadrangle. Owner: State of Connecticut.

AQUIFER.-- Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.-- Bored, unused, water table well, diameter 2 in, depth 19 ft, PVC casing, slotted 16 to 19 ft.

INSTRUMENTATION.--Prior to November 8, 1988 measurements made monthly with a chalked tape by State Natural Resources Center personnel. ADR water-level recorder with 60-minute punch installed November 8, 1988, removed 1992. From October 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements since October 1993 made by USGS personnel.

DATUM.-- Elevation of land-surface datum is 350 ft above sea level, from topographic map.

Measuring point: Top of PVC coupling 2.12 ft above land-surface datum.

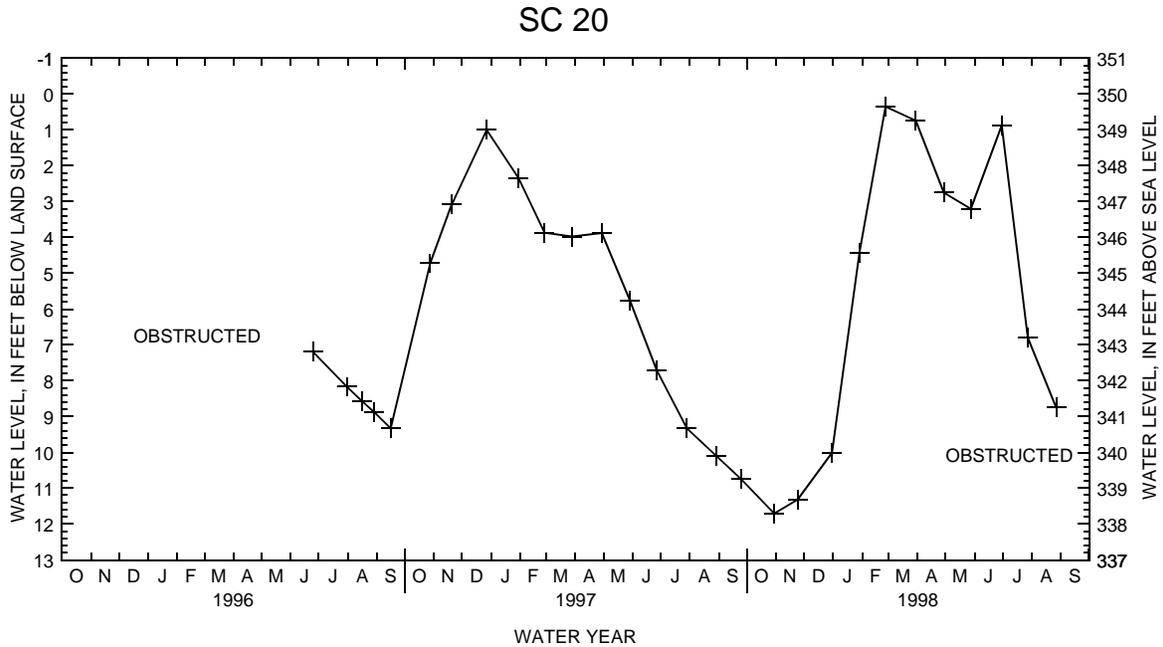
REMARKS.--Missing data due to well obstruction.

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

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 0.50 ft above land-surface datum, April 9, 1987; lowest water level measured, 11.76 ft below land-surface datum, October 29, 1993.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|--------------------------|---------------------------|-------------|
| OCT 30 11.70 | JAN 29 4.43 | APR 29 2.75 | JUL 28 6.80 |
| NOV 24 11.31 | FEB 26 .35 | MAY 28 3.21 | AUG 27 8.75 |
| DEC 31 10.01 | MAR 30 .74 | JUN 30 .87 | SEP 30 OBS |
| WATER YEAR 1998 | HIGHEST .35 FEB 26, 1998 | LOWEST 11.70 OCT 30, 1997 | |



GROUND-WATER LEVELS

WINDHAM COUNTY--Continued

414240072032201. Local Number, SC 21.

LOCATION.--Lat 41°42'40", long 72°03'22", Hydrologic unit 01100002, at Pudding Hill Wildlife Management area. As of March 26,1999 name changed to James V. Spignesi, Jr. Wildlife Area. Off State Route 97 at end of field road near stream about 4,000 ft east of Route 97; Scotland; Scotland quadrangle. Owner: State of Connecticut.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Bored, unused, water table well, diameter 2 in, depth 31 ft, PVC casing, screened 28 to 31 ft.

INSTRUMENTATION.--Prior to November 8, 1988 measurements made monthly with a chalked tape by State Natural Resources Center personnel. ADR water-level recorder with 60-minute punch installed November 8, 1988 Removed October 14, 1990. From October 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements since October 1993 made by USGS personnel.

DATUM.--Elevation of land-surface datum is 265 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 3.96 ft above land-surface datum.

REMARKS.--Missing data due to frozen well.

PERIOD OF RECORD.--January 1984 to October 1990 and August 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, flowing at 3.96 ft above land-surface datum, June 30, 1997; lowest water level measured, 2.11 ft below land-surface datum, September 28, 1995.

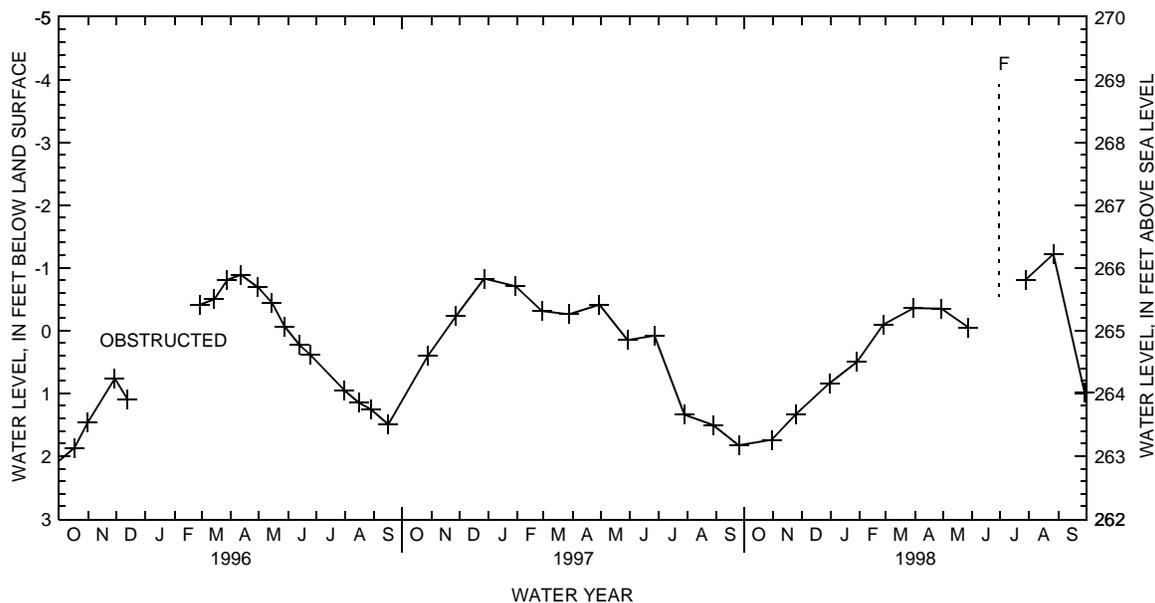
WATER LEVELS IN FEET BELOW LAND SURFACE DATUM
WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

| DATE | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 30 | 1.74 | JAN 29 | .50 | APR 29 | -.35 | JUL 28 | -.81 |
| NOV 25 | 1.33 | FEB 26 | -.10 | MAY 28 | -.05 | AUG 27 | -1.22 |
| DEC 31 | .84 | MAR 30 | -.36 | JUN 30 | F | SEP 29 | .99 |

WATER YEAR 1998 HIGHEST FLOWING JUN 30, 1998 LOWEST 1.74 OCT 30, 1997

READINGS ABOVE LAND SURFACE INDICATED BY "-"
"F" INDICATES A FLOWING WELL, WITH WATER LEVELS GREATER THAN 3.96 FT ABOVE LAND SURFACE

SC 21



WINDHAM COUNTY--Continued

414240072033201. Local Number, SC 22.

LOCATION.--Lat 41°42'40", long 72°03'32", Hydrologic unit 01100002, hillside site at Pudding Hill Wildlife Management area. As of March 29, 1999 name changed to James V. Spignesi, Jr. Wildlife Area. Off State Route 97 along north side of field road about 3,300 ft east of Route 97; Scotland; Scotland quadrangle. Owner: State of Connecticut.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in, depth 26 ft, PVC casing, slotted 24.5 to 26 ft.

INSTRUMENTATION.--Prior to November 8, 1988 measurements made monthly with a chalked tape by Natural Resources Center personnel. ADR water-level recorder with 60-minute punch installed November 8, 1988, removed 1992. From October 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements since October 1993 made by USGS personnel.

DATUM.--Elevation of land-surface datum is 315 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 2.11 ft above land-surface datum.

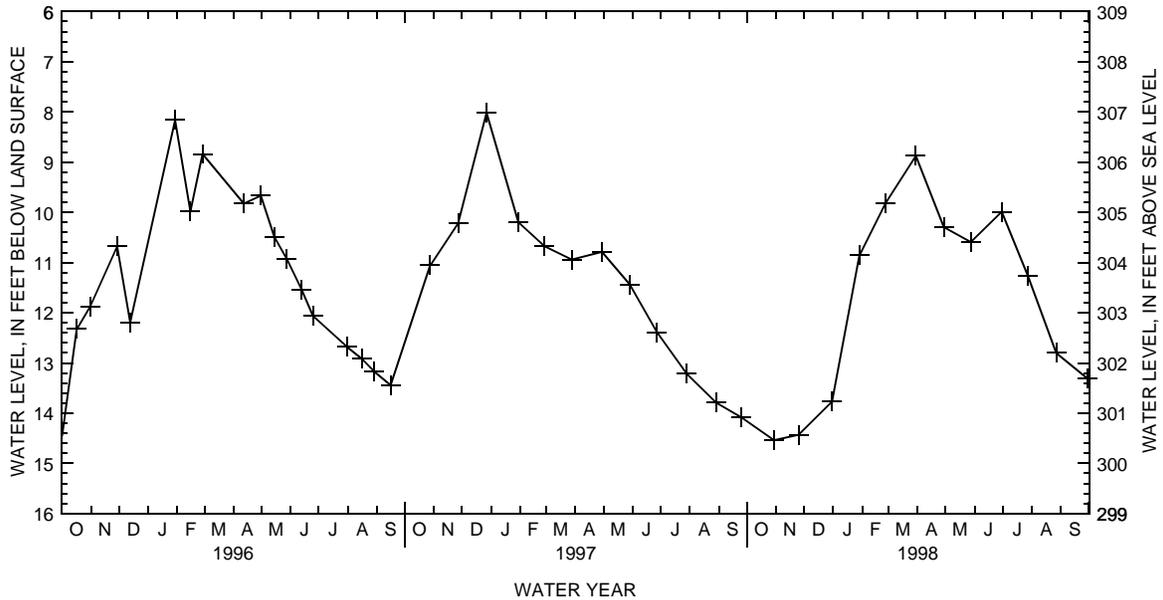
PERIOD OF RECORD.--October 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.62 ft below land-surface datum, March 30, 1994; lowest water level measured, 14.86 ft below land-surface datum, September 28, 1995.

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

| | WATER LEVEL | | WATER LEVEL | | WATER LEVEL | | WATER LEVEL |
|-----------------|-------------|--------|--------------|--------|-------------|--------------|-------------|
| OCT 30 | 14.54 | JAN 29 | 10.85 | APR 29 | 10.29 | JUL 28 | 11.26 |
| NOV 25 | 14.43 | FEB 26 | 9.81 | MAY 28 | 10.59 | AUG 27 | 12.80 |
| DEC 31 | 13.77 | MAR 30 | 8.87 | JUN 30 | 9.99 | SEP 29 | 13.30 |
| WATER YEAR 1998 | HIGHEST | 8.87 | MAR 30, 1998 | LOWEST | 14.54 | OCT 30, 1997 | |

SC 22



GROUND-WATER LEVELS

WINDHAM COUNTY--Continued

414240072032202. Local Number, SC 23.

LOCATION.--Lat 41°42'40", long 72°03'22", Hydrologic unit 01100002, at Pudding Hill Wildlife Management area. As of March 29, 1999 name changed to James V. Spignesi, Jr. Wildlife Area. Off State Route 97 at end of field road near stream about 4,000 ft east of Route 97; Scotland; Scotland quadrangle.
Owner: State of Connecticut.

AQUIFER.--Stratified drift of Pleistocene age (sand and gravel).

WELL CHARACTERISTICS.--Bored, unused, water table well, diameter 2 in, depth 5.2 ft.

INSTRUMENTATION.--From August 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 315 ft above sea level, from topographic map.

PERIOD OF RECORD.--August 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, flowing at 0.91 ft above land-surface datum, June 30, 1998; lowest water level measured, 3.28 ft below land-surface datum, August 27, 1998.

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

| WATER LEVEL | WATER LEVEL | WATER LEVEL | WATER LEVEL |
|-----------------|-----------------|---------------|--------------------------|
| OCT 30 2.65 | JAN 29 1.82 | APR 29 1.84 | JUL 28 2.96 |
| NOV 25 2.26 | FEB 26 1.45 | MAY 28 2.24 | AUG 27 3.28 |
| DEC 31 1.74 | MAR 30 1.79 | JUN 30 F | SEP 29 2.32 |
| WATER YEAR 1998 | HIGHEST FLOWING | JUNE 30, 1998 | LOWEST 3.28 AUG 27, 1998 |

"F" INDICATES A FLOWING WELL, WITH WATER LEVELS GREATER THAN 0.91 FT ABOVE LAND SURFACE

