

## 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.

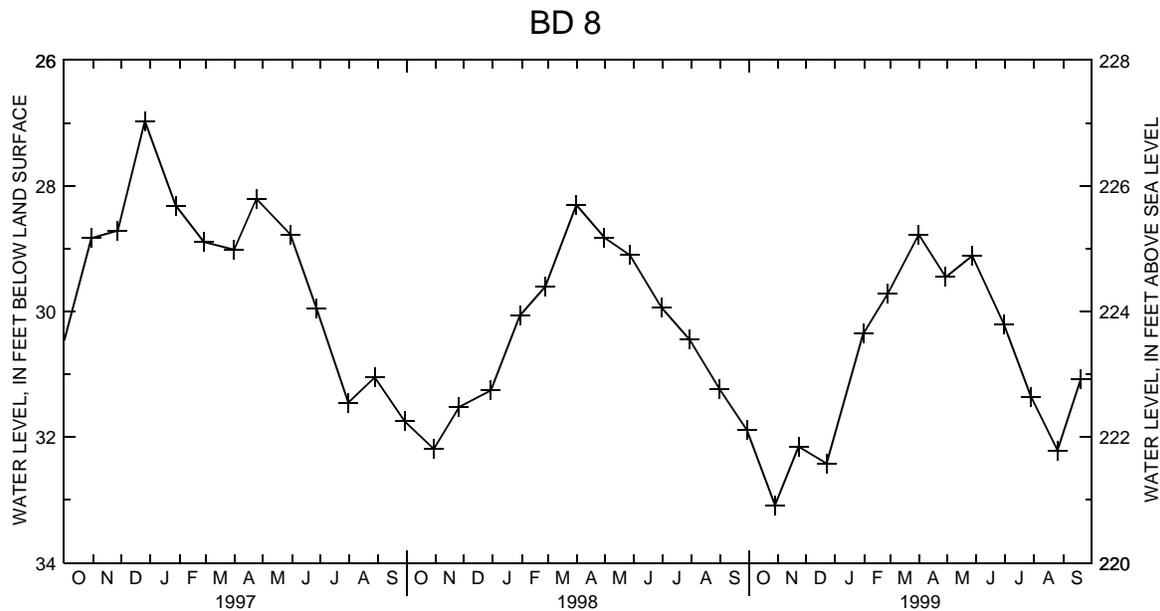
Measuring point: Top of steel protective casing, 0.40 ft above land-surface datum.

**PERIOD OF RECORD.**--December 1966 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 1998 TO SEPTEMBER 1999**

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	33.09	JAN 31	30.35	APR 29	29.45	JUL 29	31.36
NOV 23	32.15	FEB 26	29.71	MAY 27	29.11	AUG 26	32.21
DEC 23	32.42	MAR 31	28.77	JUN 30	30.21	SEP 20	31.08
WATER YEAR 1999		HIGHEST	28.77	MAR 31, 1999		LOWEST	33.09
							OCT 29, 1998



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.

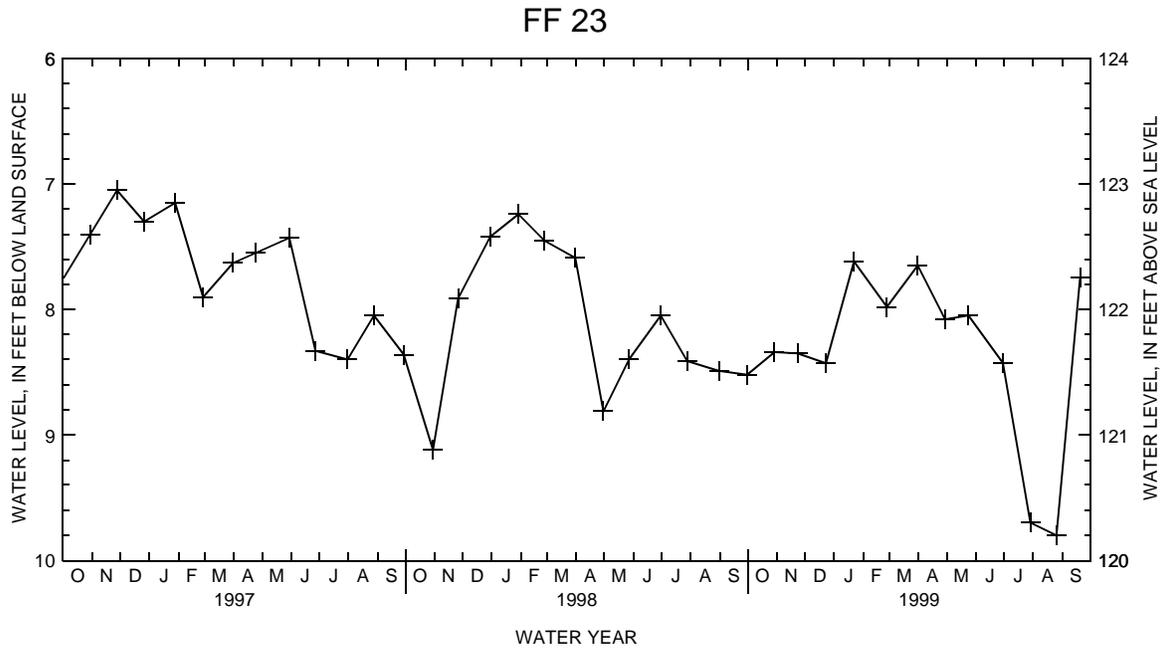
Measuring point: Top of steel protective casing, 2.40 ft above land-surface datum.

PERIOD OF RECORD.--September 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, 9.80 ft below land-surface datum, August 26, 1999.

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

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	8.34	JAN 22	7.62	APR 29	8.08	JUL 29	9.70
NOV 23	8.35	FEB 26	7.98	MAY 24	8.05	AUG 26	9.80
DEC 23	8.43	MAR 31	7.65	JUN 30	8.43	SEP 20	7.75
WATER YEAR 1999	HIGHEST	7.62	JAN 22, 1999	LOWEST	9.80	AUG 26, 1999	



**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.

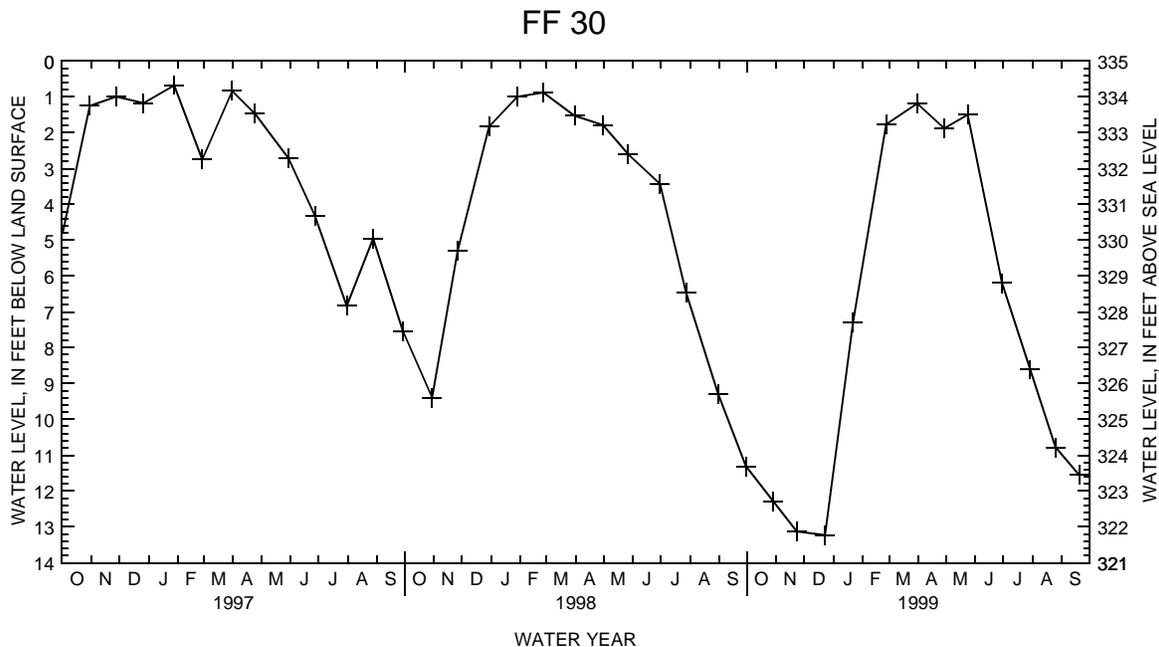
Measuring point: Top of steel protective casing, 2.00 ft above land-surface datum.

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, 13.22 ft below land-surface datum, December 23, 1998.

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

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	12.30	JAN 22	7.29	APR 29	1.88	JUL 29	8.60
NOV 23	13.13	FEB 26	1.76	MAY 24	1.49	AUG 26	10.78
DEC 23	13.22	MAR 31	1.18	JUN 30	6.20	SEP 20	11.55
WATER YEAR 1999	HIGHEST	1.18	MAR 31, 1999	LOWEST	13.22	DEC 23, 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, screened 30 to 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.

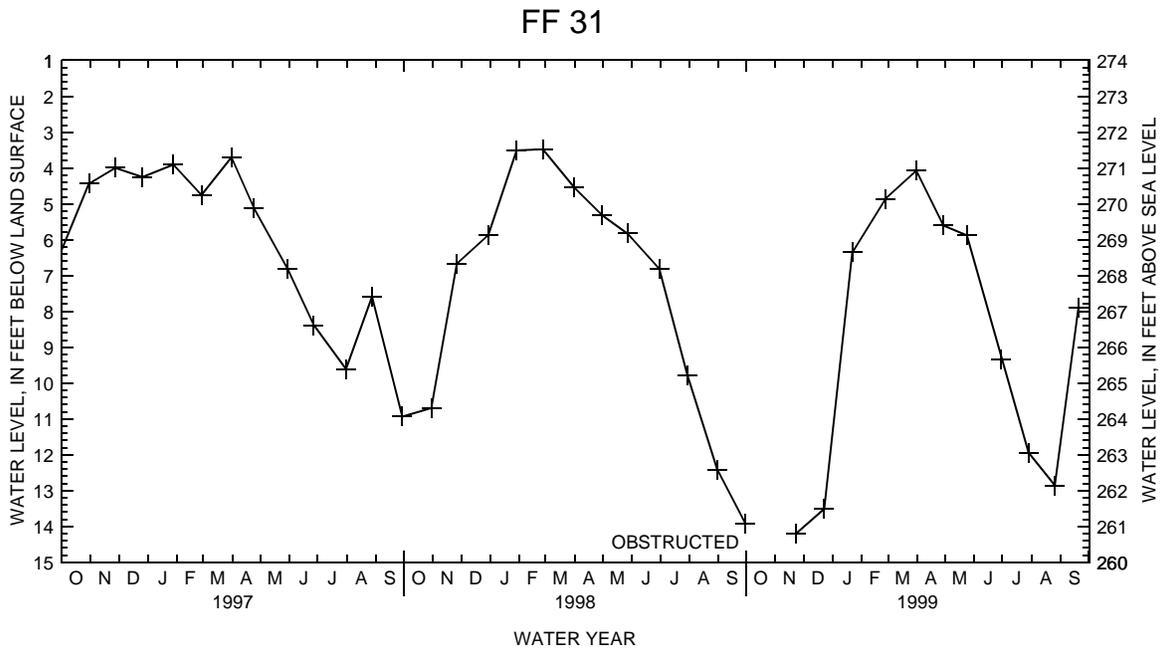
Measuring point: Top of steel protective casing, 1.50 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999

WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 29	obstructed	JAN 22	6.35	APR 29	5.60	JUL 29	11.95
NOV 23	14.20	FEB 26	4.85	MAY 24	5.88	AUG 26	12.85
DEC 29	13.70	MAR 31	4.07	JUN 30	9.35	SEP 20	7.90
WATER YEAR 1999		HIGHEST	4.07	MAR 31, 1999	LOWEST	14.20	NOV 23, 1998



**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.

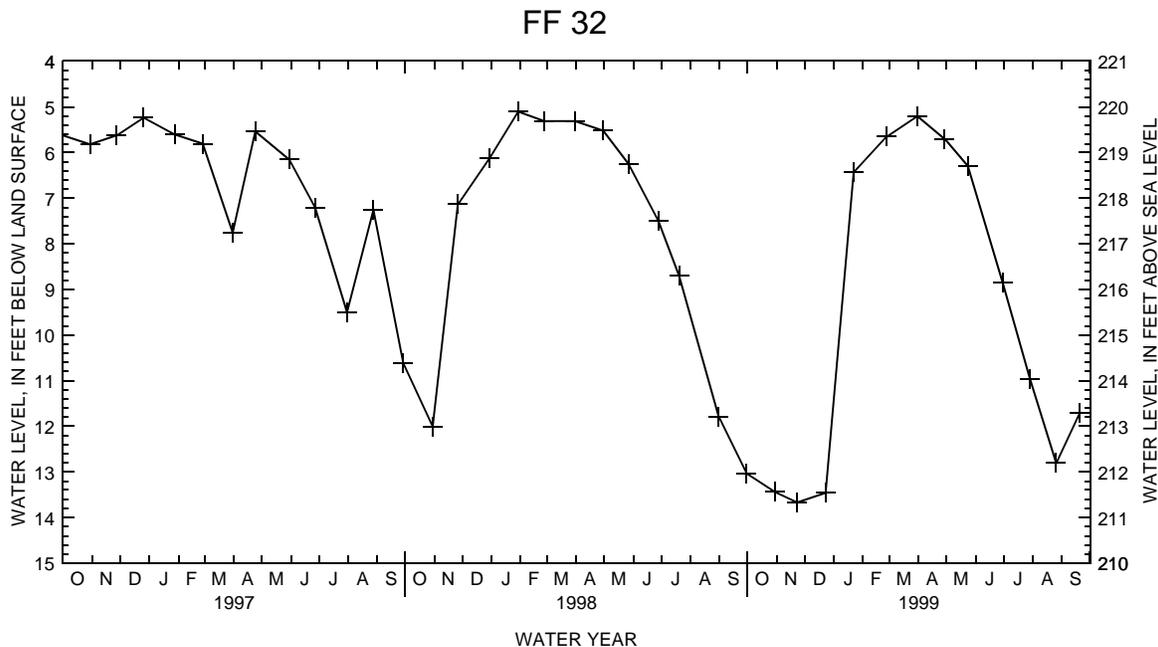
Measuring point: Top of steel protective casing, 0.50 ft above land-surface datum.

**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 1998 TO SEPTEMBER 1999**

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	13.44	JAN 22	6.43	APR 29	5.70	JUL 29	10.97
NOV 23	13.67	FEB 26	5.65	MAY 24	6.30	AUG 26	12.80
DEC 23	13.46	MAR 31	5.20	JUN 30	8.85	SEP 20	11.70
WATER YEAR 1999	HIGHEST	5.20	MAR 31, 1999	LOWEST	13.67	NOV 23, 1998	



GROUND-WATER LEVELS

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.

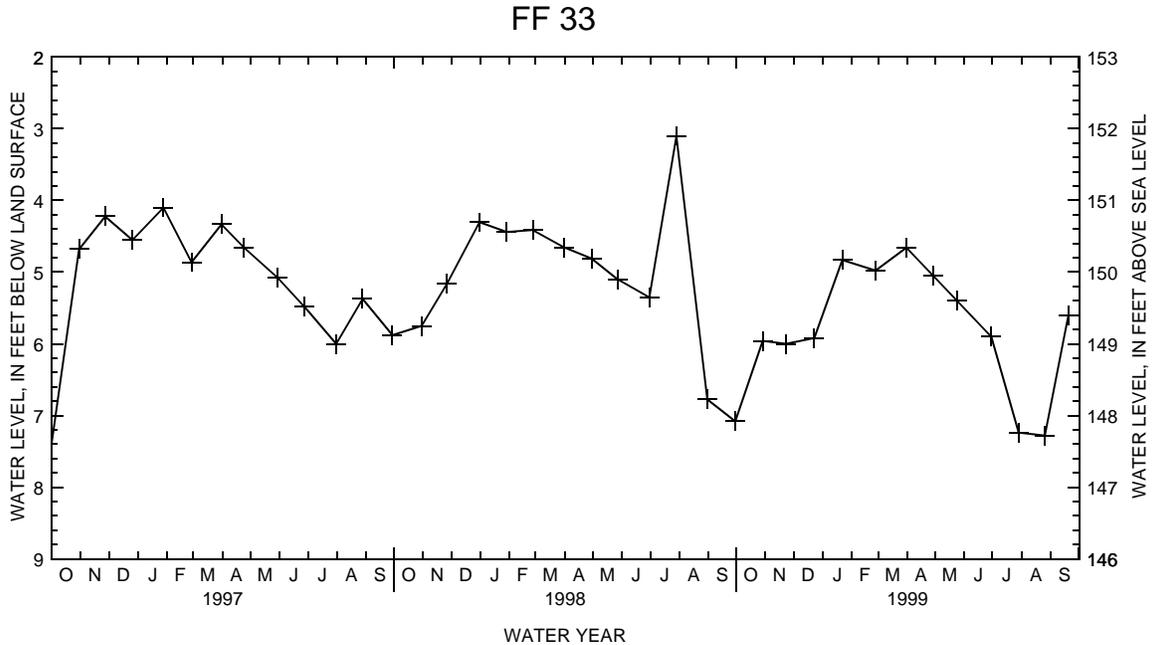
Measuring point: Top of steel protective casing, 1.00 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	5.96	JAN 22	4.83	APR 29	5.05	JUL 29	7.24
NOV 23	6.00	FEB 26	4.98	MAY 24	5.40	AUG 26	7.28
DEC 23	5.92	MAR 31	4.66	JUN 30	5.90	SEP 20	5.60
WATER YEAR 1999	HIGHEST	4.66	MAR 31, 1999	LOWEST	7.28	AUG 26, 1999	



**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.

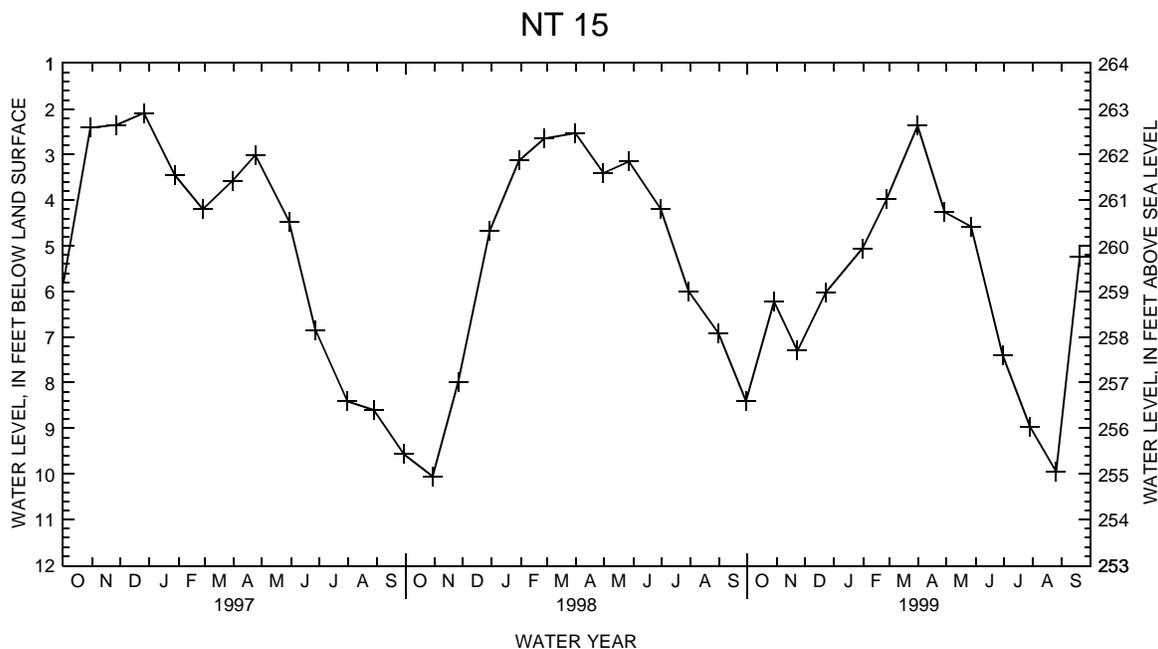
Measuring point: Top of steel protective casing, 2.20 ft above land-surface datum.

**PERIOD OF RECORD.**--December 1966 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 1998 TO SEPTEMBER 1999**

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	6.22	JAN 31	5.06	APR 29	4.26	JUL 29	8.97
NOV 23	7.30	FEB 26	3.97	MAY 27	4.58	AUG 26	9.95
DEC 23	6.02	MAR 31	2.37	JUN 30	7.40	SEP 20	5.25
WATER YEAR 1999	HIGHEST	2.37	MAR 31, 1999	LOWEST	9.95	AUG 26, 1999	



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.

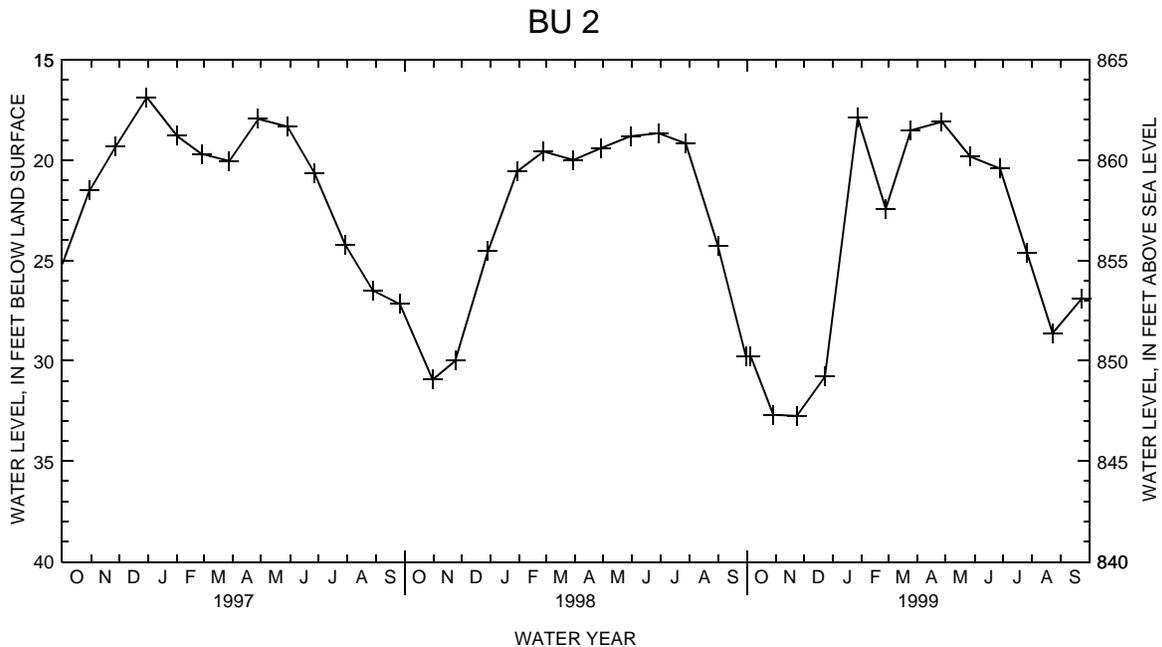
Measuring point: Top of 8-inch PVC casing 8.84 ft below original land-surface datum, under manhole cover.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 05	29.77	JAN 27	17.88	MAY 27	19.82	SEP 23	26.88
29	32.69	FEB 26	22.43	JUN 28	20.42		
NOV 23	32.73	MAR 25	18.52	JUL 26	24.62		
DEC 23	30.77	APR 27	18.10	AUG 23	28.62		
WATER YEAR 1999	HIGHEST	17.88	JAN 27, 1999	LOWEST	32.73	NOV 23, 1998	



**GROUND-WATER LEVELS**  
**HARTFORD COUNTY--Continued**

414704072580501. Local Number, BU 143.

LOCATION.--Lat 41°47'04", long 72°58'05", Hydrologic Unit 01080207, 600 ft east of "T" in Covey Road; 20 ft off left side of roadway in pine tree grove. Burlington; Collinsville quadrangle.

Owner: Town of Burlington

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

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in., depth 21.3 ft.

INSTRUMENTATION.--Since October 1996 measurements made monthly with an electric tape.

All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 780 ft above sea level, from topographic map.

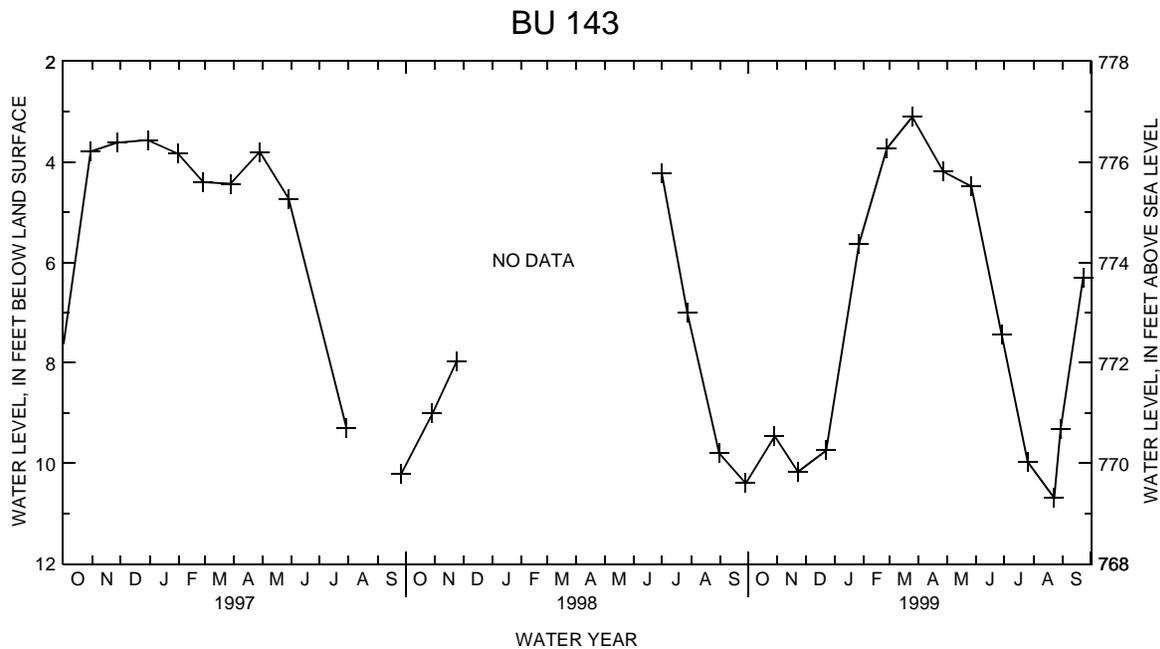
Measuring point: Top of metal protective case between two hacksaw marks, 2.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.10 ft below land-surface datum, March 25, 1999; lowest water level measured, 10.70 ft below land-surface datum, August 23, 1999.

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

WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 29	9.46	FEB 26	3.72	JUN 28	7.44	SEP 23	6.30
NOV 23	10.17	MAR 25	3.10	JUL 26	9.98		
DEC 23	9.75	APR 27	4.19	AUG 23	10.70		
JAN 27	5.63	MAY 27	4.48	30	9.33		
WATER YEAR 1999		HIGHEST	3.10	MAR 25, 1999	LOWEST	10.70	AUG 23, 1999



HARTFORD COUNTY--Continued

414649072574401. Local Number, BU 144.

LOCATION.--Lat 41°46'49", long 72°57'44", Hydrologic Unit 01080207, 15 ft south of 4-ft chainlink fence surrounding Burlington Recreation Area on Foote Rd. Burlington; Collinsville quadrangle.

Owner: Town of Burlington

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

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in., depth 13.1 ft.

INSTRUMENTATION.--Since October 1996 measurements made monthly with an electric tape.  
All measurements made by USGS personnel.

DATUM.--Elevation of land-surface datum is 620 ft above sea level, from topographic map.

Measuring point: Top of metal protective case between two hacksaw marks, 3.00 ft above land-surface datum.

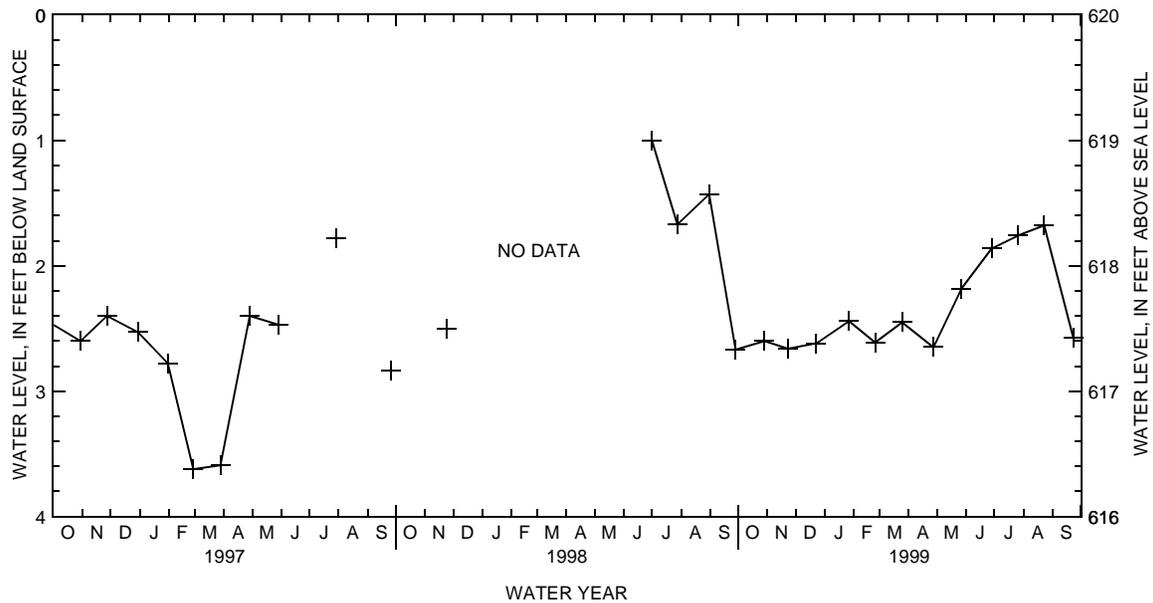
PERIOD OF RECORD.--October 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.00 ft below land-surface datum, July 1, 1998;  
lowest water level measured, 3.62 ft below land-surface datum, February 27, 1997.

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

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	2.60	JAN 27	2.44	APR 27	2.65	JUL 26	1.76
NOV 23	2.66	FEB 24	2.61	MAY 27	2.18	AUG 23	1.68
DEC 23	2.62	MAR 25	2.45	JUN 28	1.86	SEP 23	2.57
WATER YEAR 1999	HIGHEST	1.68	AUG 23, 1999	LOWEST	2.66	NOV 23, 1998	

BU 144



**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.

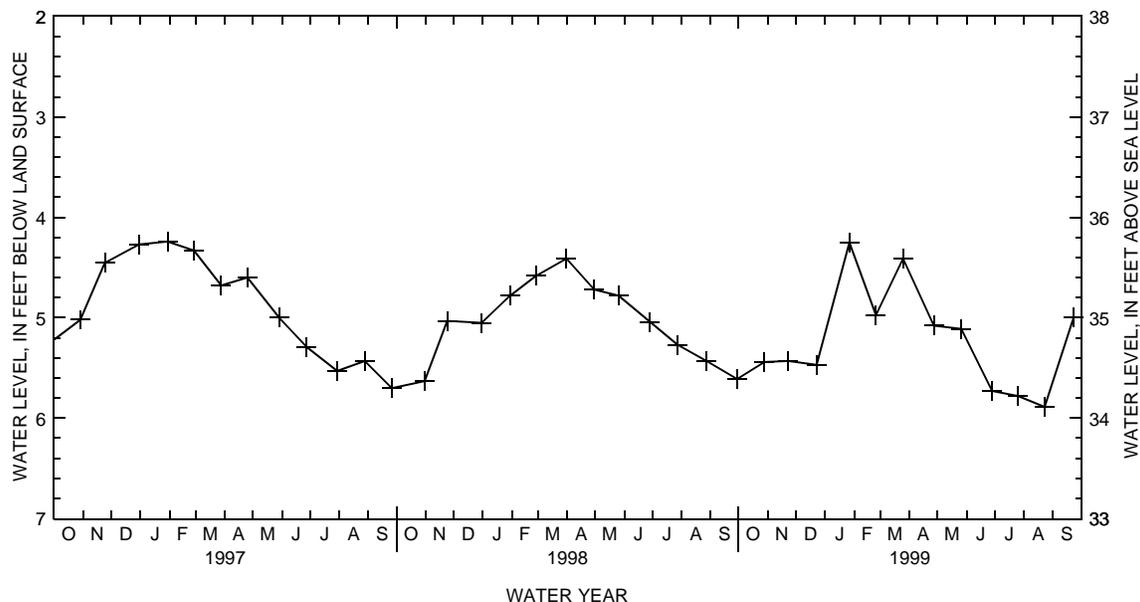
**PERIOD OF RECORD.**--January 1986 to current year.

**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 1998 TO SEPTEMBER 1999**

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 28	5.44	JAN 27	4.25	APR 27	5.08	JUL 26	5.78
NOV 23	5.43	FEB 24	4.97	MAY 26	5.11	AUG 23	5.89
DEC 23	5.47	MAR 25	4.41	JUN 28	5.73	SEP 23	5.00
WATER YEAR 1999		HIGHEST	4.25	JAN 27, 1999		LOWEST	5.89
							AUG 23, 1999

**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.

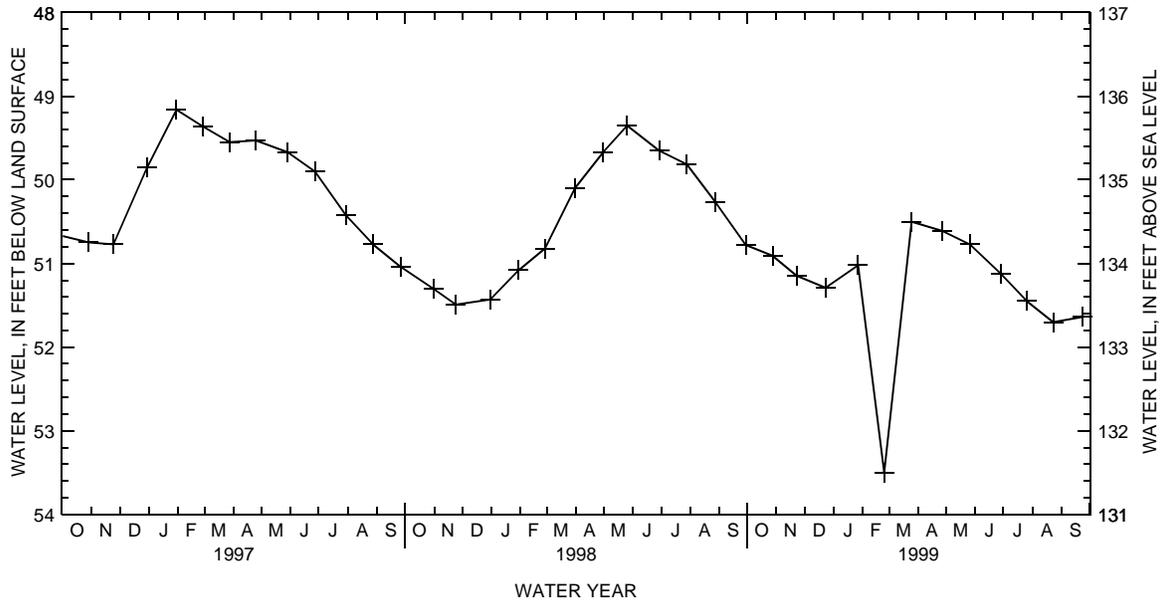
PERIOD OF RECORD.--January 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.91 ft below land-surface datum, June 14, 1991; lowest water level measured, 53.50 ft below land-surface datum, February 24, 1999.

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

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 28	50.91	JAN 27	51.02	APR 27	50.61	JUL 26	51.45
NOV 23	51.15	FEB 24	53.50	MAY 26	50.77	AUG 23	51.70
DEC 23	51.29	MAR 25	50.50	JUN 28	51.12	SEP 23	51.64
WATER YEAR 1999	HIGHEST	50.50	MAR 25, 1999	LOWEST	53.50	FEB 24, 1999	

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.

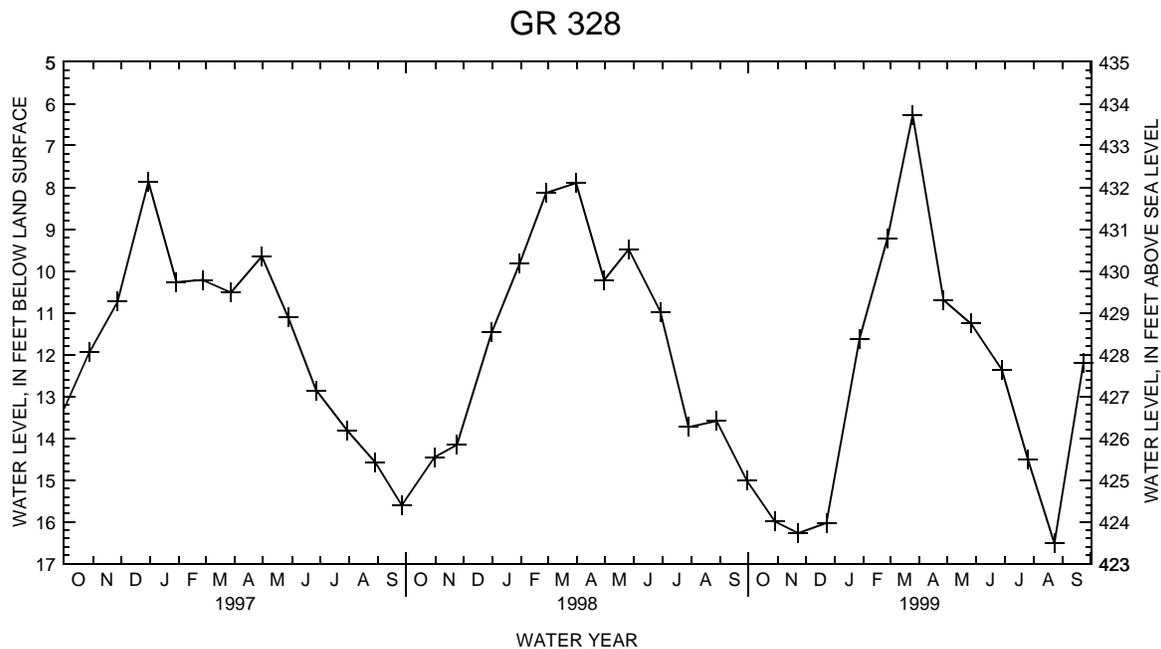
DATUM.--Elevation of land-surface datum is 440 ft above sea level, from topographic map.  
Measuring point: Top of PVC casing, 0.84 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999**

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	15.99	JAN 27	11.62	APR 27	10.69	JUL 26	14.51
NOV 23	16.27	FEB 26	9.21	MAY 26	11.26	AUG 23	16.51
DEC 23	16.02	MAR 25	6.26	JUN 28	12.36	SEP 23	12.21
WATER YEAR 1999	HIGHEST	6.26	MAR 25, 1999	LOWEST	16.51	AUG 23, 1999	



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.

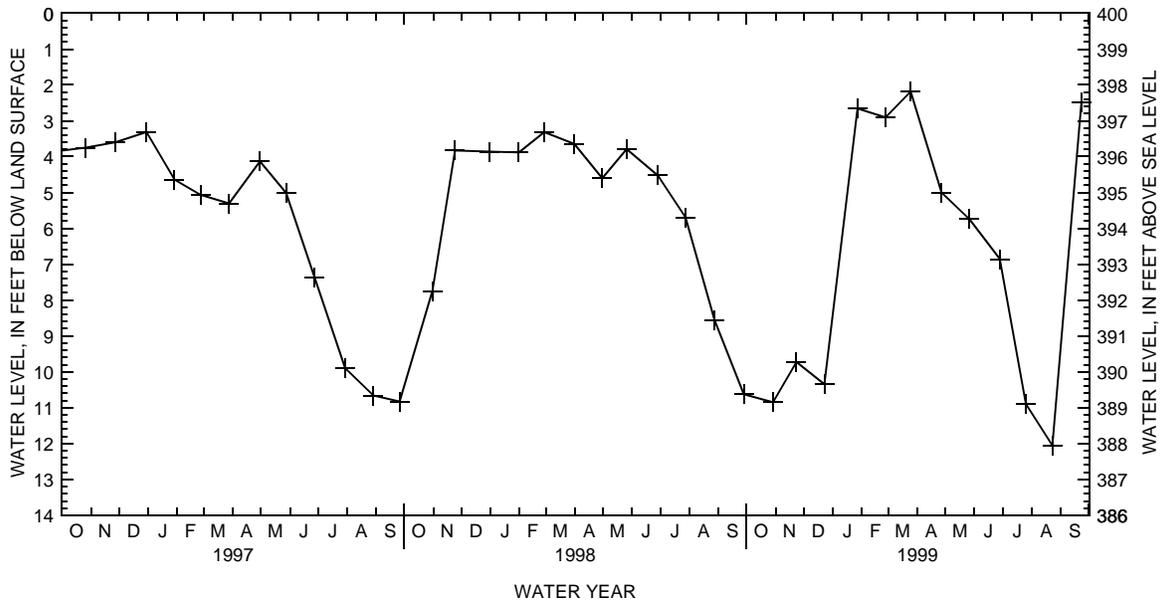
PERIOD OF RECORD.--May 1982 to September 1992. Only 4 measurements during water year 1993. October 1994 to current year.

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 1998 TO SEPTEMBER 1999

WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 29	10.85	JAN 27	2.65	APR 27	5.00	JUL 26	10.90
NOV 23	9.72	FEB 26	2.90	MAY 26	5.73	AUG 23	12.06
DEC 23	10.34	MAR 25	2.18	JUN 28	6.86	SEP 23	2.49
WATER YEAR 1999		HIGHEST	2.18	MAR 25, 1999	LOWEST	12.06	AUG 23, 1999

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.

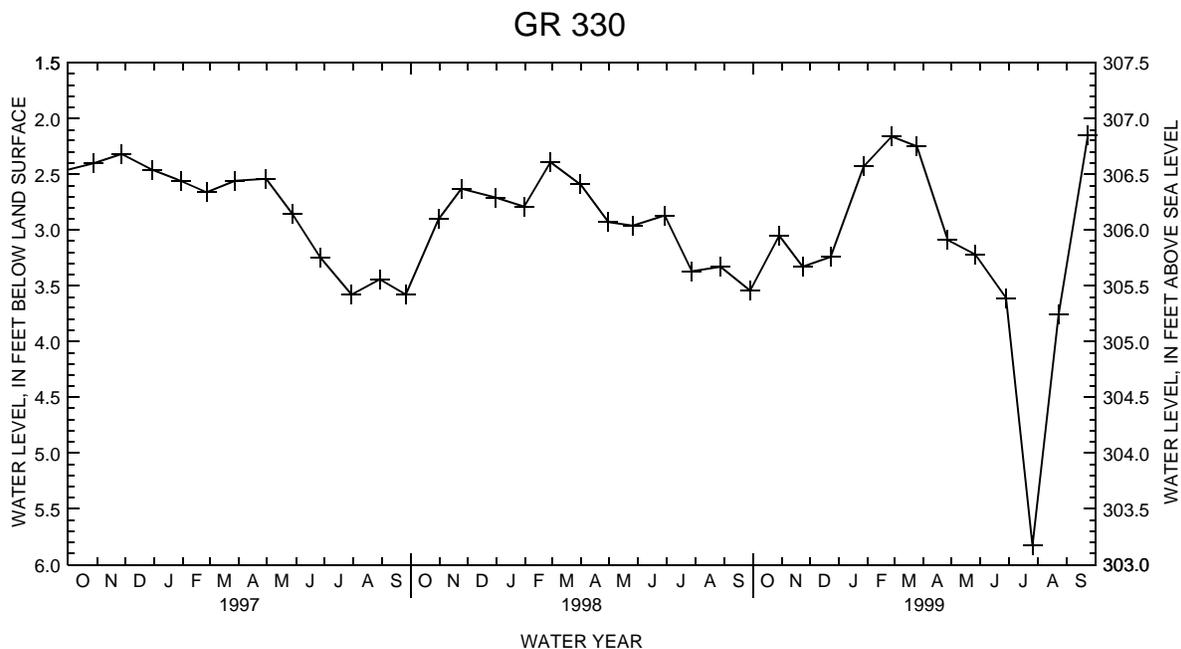
Measuring point: Top of PVC casing, 2.29 ft above land-surface datum.

**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, 5.83 ft below land-surface datum, July 26, 1999.

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

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	3.05	JAN 27	2.43	APR 27	3.09	JUL 26	5.83
NOV 23	3.33	FEB 26	2.16	MAY 26	3.22	AUG 23	3.76
DEC 23	3.24	MAR 25	2.25	JUN 28	3.61	SEP 23	2.15
WATER YEAR 1999	HIGHEST	2.15	SEP 23, 1999	LOWEST	5.83	JUL 26, 1999	



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.

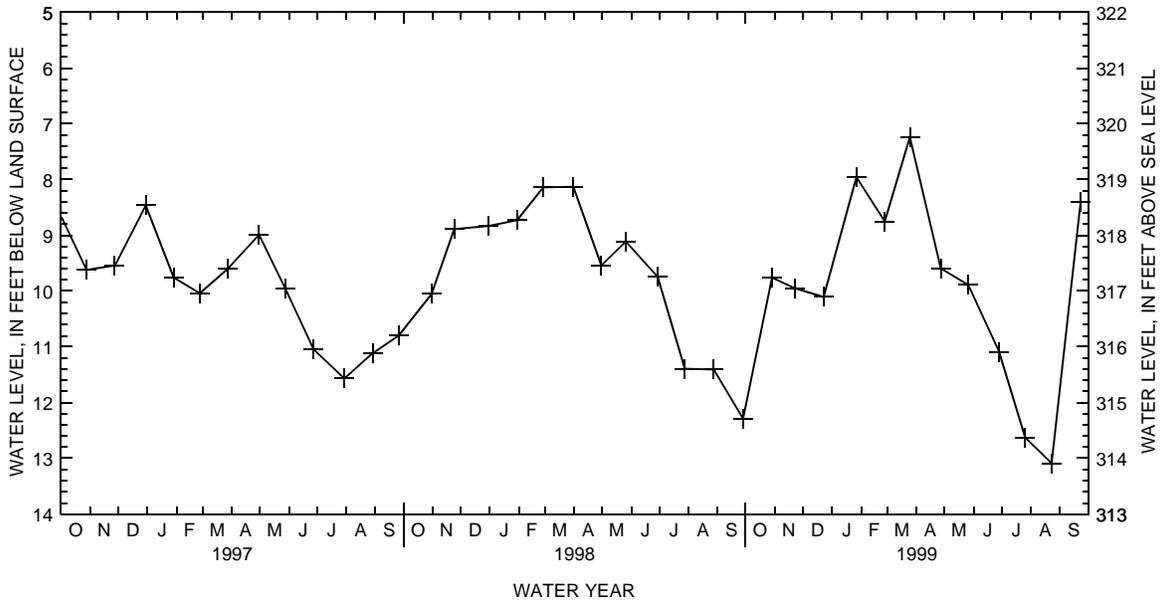
PERIOD OF RECORD.--March 1983 to September 1992. Only 4 measurements made during water year 1993. October 1994 to current year.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	9.76	JAN 27	7.96	APR 27	9.59	JUL 26	12.63
NOV 23	9.95	FEB 26	8.75	MAY 26	9.89	AUG 23	13.09
DEC 23	10.11	MAR 25	7.24	JUN 28	11.09	SEP 23	8.40
WATER YEAR 1999	HIGHEST	7.24	MAR 25, 1999	LOWEST	13.09	AUG 23, 1999	

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.

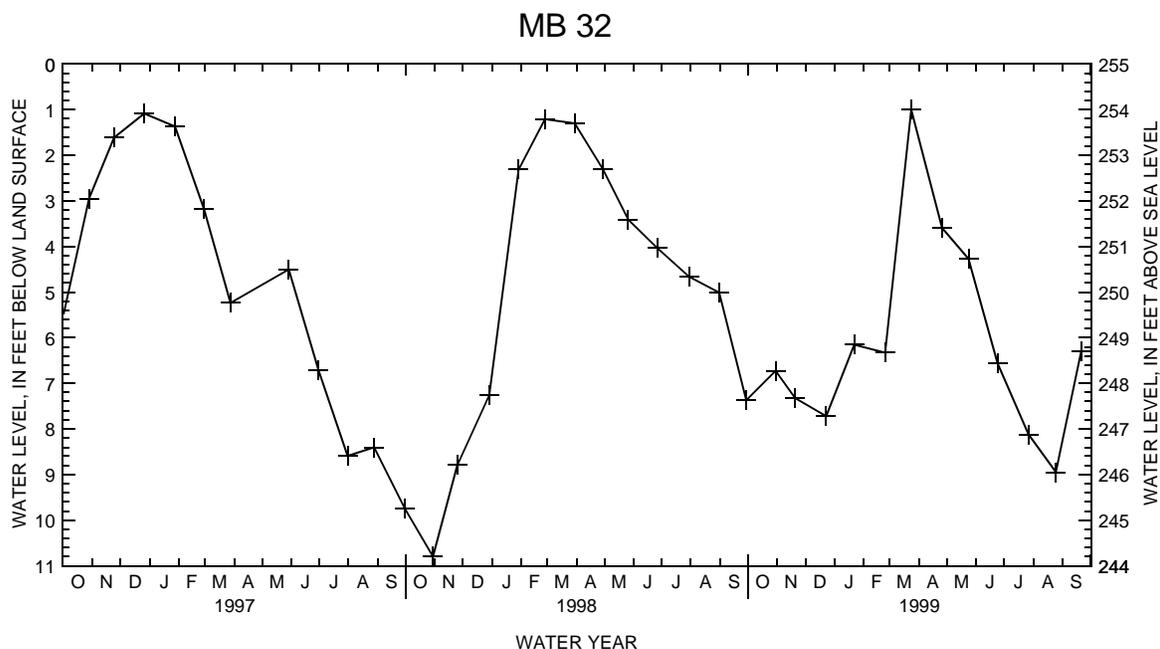
Measuring point: Top of steel protective casing, 2.50 ft above land-surface datum.

**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 1998 TO SEPTEMBER 1999**

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	6.73	FEB 24	6.33	JUN 09	5.39	SEP 21	6.29
NOV 20	7.32	MAR 24	1.00	24	6.56		
DEC 23	7.72	APR 26	3.60	JUL 27	8.13		
JAN 22	6.15	MAY 24	4.28	AUG 25	8.95		
WATER YEAR 1999		HIGHEST	1.00	MAR 24, 1999		LOWEST	8.95
							AUG 25, 1999



HARTFORD COUNTY--Continued

413554072270201. Local Number, MB 35.

LOCATION.--Lat 41°35'54", long 72°27'02", 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.

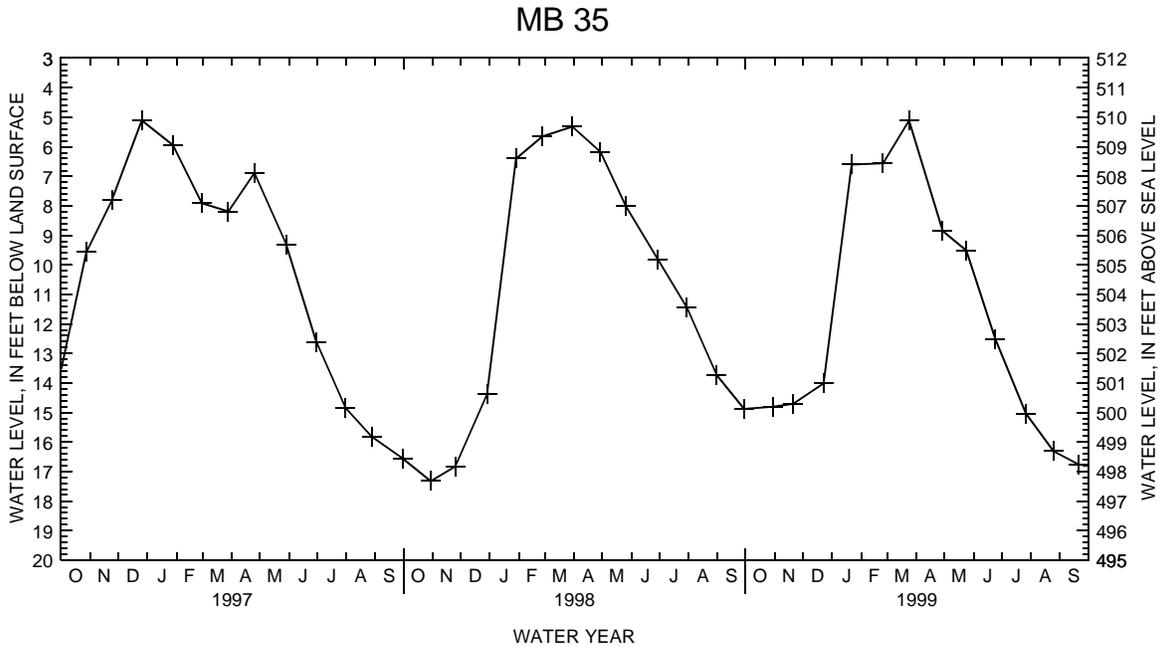
Measuring point: Top of steel protective casing, 2.0 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	14.80	JAN 22	6.60	APR 26	8.85	JUL 27	15.05
NOV 20	14.70	FEB 24	6.56	MAY 24	9.50	AUG 25	16.30
DEC 23	14.00	MAR 24	5.10	JUN 24	12.50	SEP 21	16.76
WATER YEAR 1999		HIGHEST	5.10	MAR 24, 1999		LOWEST	16.76
				SEP 21, 1999			



**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.

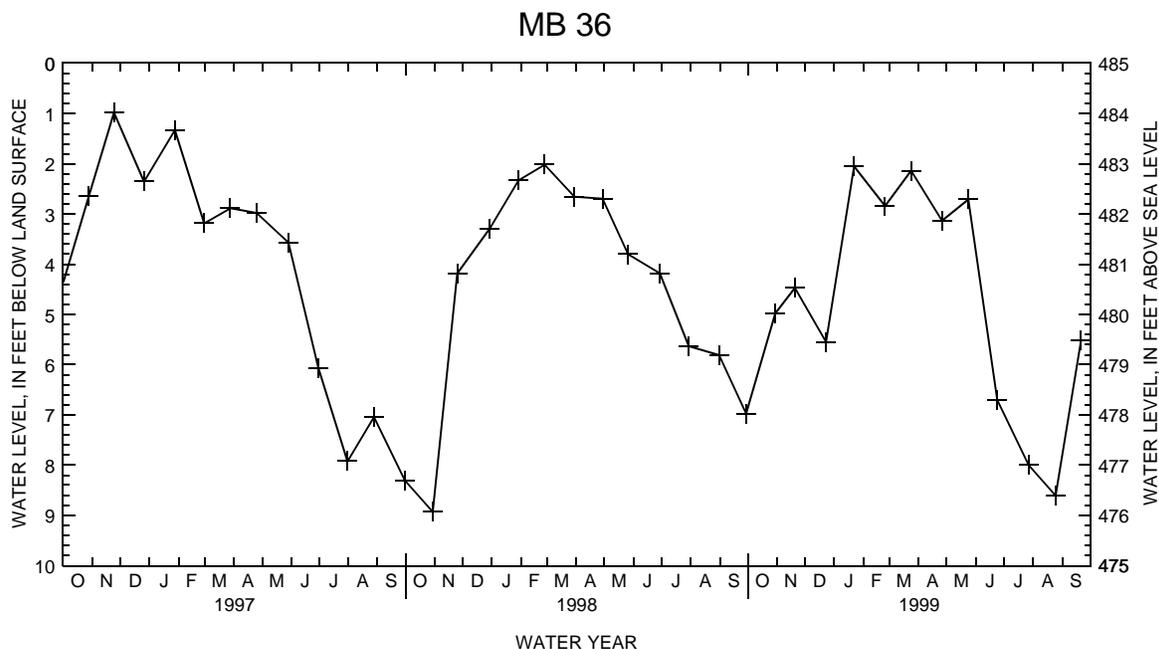
Measuring point: Top of steel protective casing, 2.50 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999**

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	4.97	JAN 22	2.05	APR 26	3.13	JUL 27	8.00
NOV 20	4.47	FEB 24	2.84	MAY 24	2.70	AUG 25	8.61
DEC 23	5.55	MAR 24	2.13	JUN 24	6.71	SEP 21	5.51
WATER YEAR 1999	HIGHEST	2.05	JAN 22, 1999	LOWEST	8.61	AUG 25, 1999	



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.

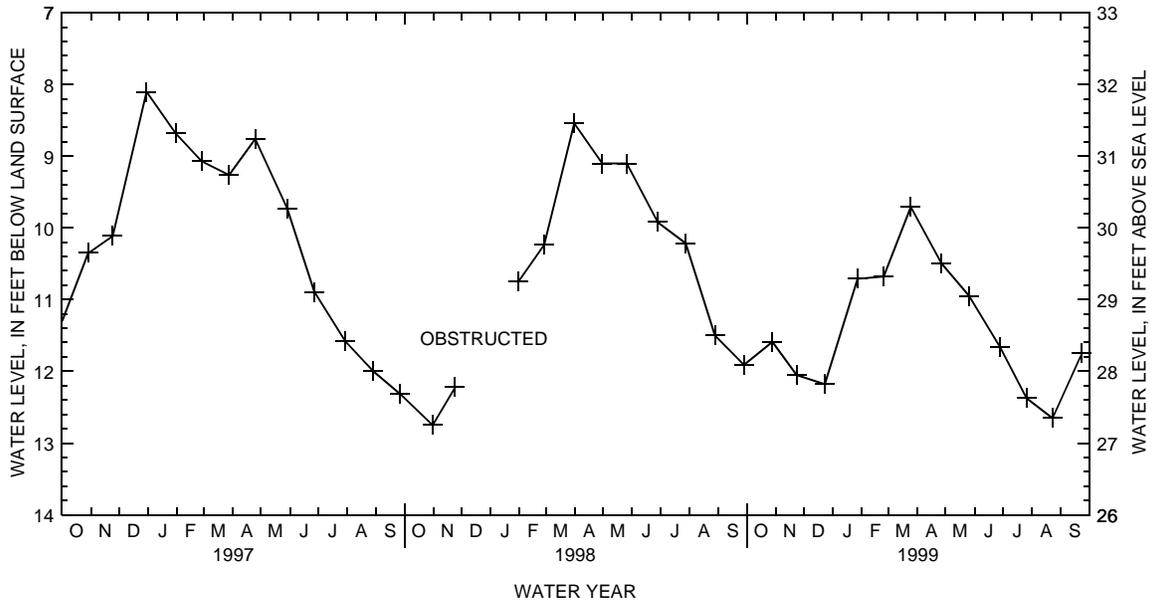
PERIOD OF RECORD.--October 1934 to September 1939 and October 1948 to current year.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 28	11.59	JAN 27	10.71	APR 27	10.50	JUL 26	12.37
NOV 23	12.05	FEB 24	10.68	MAY 26	10.95	AUG 23	12.65
DEC 23	12.18	MAR 25	9.71	JUN 28	11.66	SEP 23	11.75
WATER YEAR 1999	HIGHEST	9.71	MAR 25, 1999	LOWEST	12.65	AUG 23, 1999	

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, fieldstone-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 676 ft above sea level, from topographic map.

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

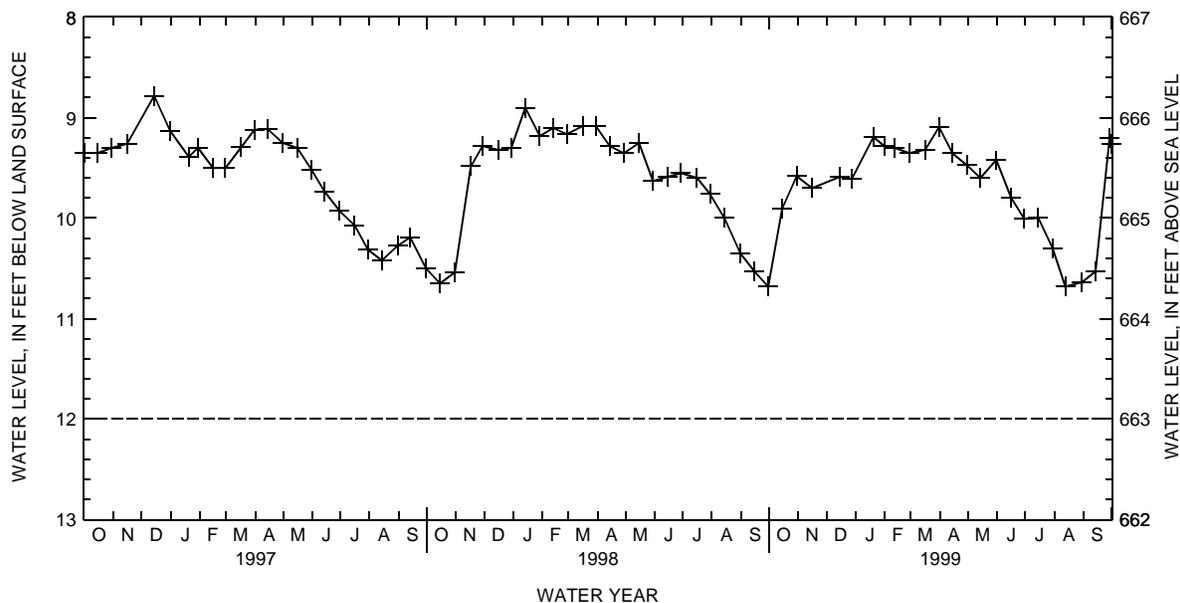
PERIOD OF RECORD.--August 1958 to current year.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 15	9.90	FEB 01	9.28	APR 30	9.47	JUL 30	10.30
30	9.58	12	9.30	MAY 14	9.60	AUG 13	10.68
NOV 16	9.70	27	9.35	31	9.42	30	10.64
DEC 15	9.59	MAR 16	9.32	JUN 16	9.80	SEP 14	10.53
28	9.61	31	9.09	30	10.01	29	9.20
JAN 20	9.19	APR 14	9.35	JUL 15	10.00		
WATER YEAR 1999		HIGHEST	9.09	MAR 31, 1999	LOWEST	10.68	AUG 13, 1999

NOC 7



GROUND-WATER LEVELS

LITCHFIELD COUNTY--Continued

415925073252001. Local Number, SY 15

LOCATION.--Lat 41°59'25", 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.

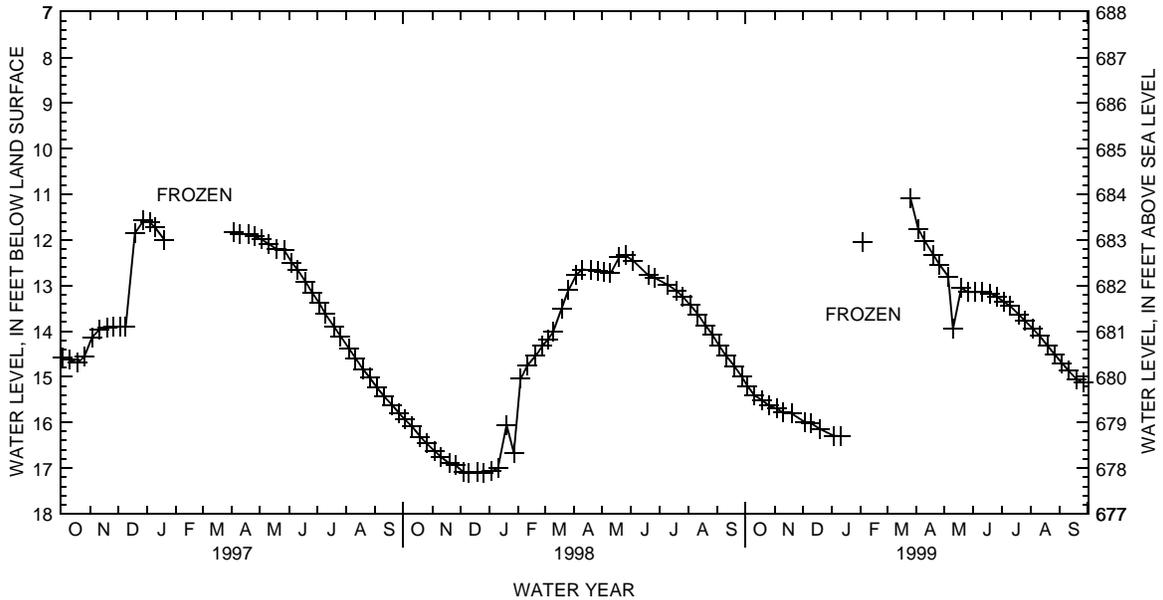
PERIOD OF RECORD.--December 1966 to current year.

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 & 26, 1997.

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

WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 03	15.21	JAN 10	16.30	APR 10	12.02	JUL 10	13.45
10	15.40	19	frozen	19	12.32	19	13.63
19	15.52	26	frozen	26	12.55	26	13.77
26	15.63	FEB 03	12.05	MAY 05	12.80	AUG 03	13.94
NOV 03	15.70	10	frozen	10	13.95	10	14.10
10	15.78	19	frozen	19	13.05	19	14.32
19	15.86	26	frozen	26	13.14	26	14.50
DEC 03	15.99	MAR 04	frozen	JUN 03	13.14	SEP 03	14.70
10	16.02	11	frozen	10	13.14	10	14.86
19	16.14	19	frozen	19	13.17	19	15.05
26	16.21	26	11.09	26	13.24	26	15.13
JAN 03	16.27	APR 03	11.76	JUL 03	13.35		
WATER YEAR 1999		HIGHEST	11.09	MAR 26, 1999	LOWEST	16.30	JAN 10, 1999

SY 15



GROUND-WATER LEVELS

LITCHFIELD COUNTY--Continued

415559073253401. Local Number, SY 23

LOCATION.--Lat 41°55'59", 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.

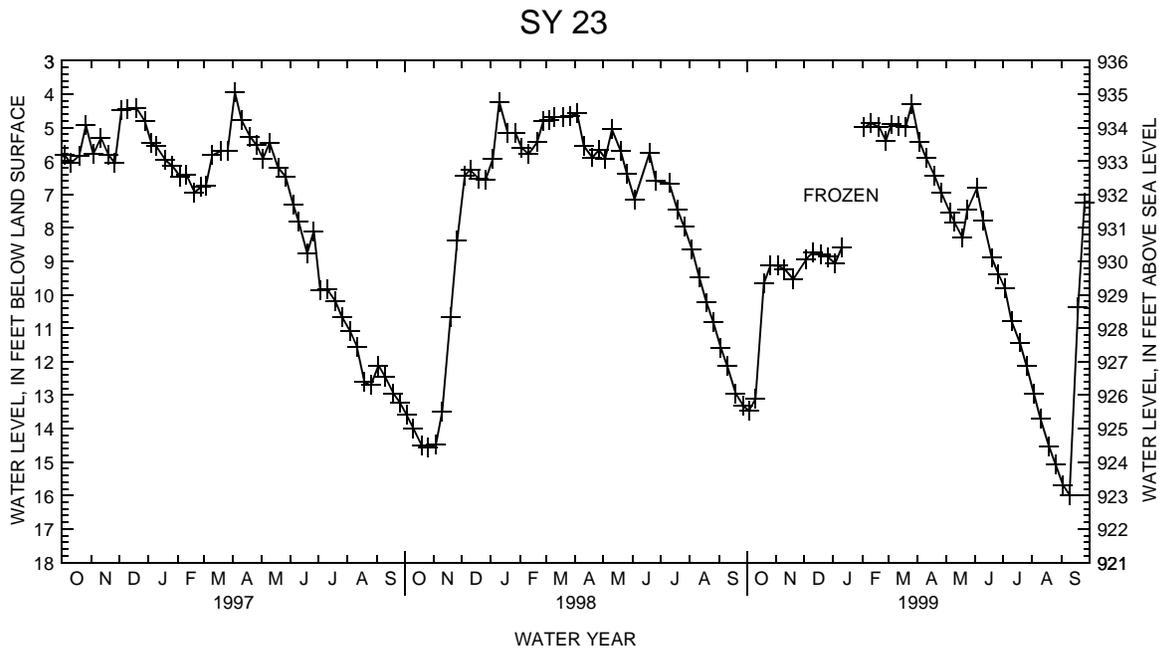
PERIOD OF RECORD.--December 1987 to current year.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 03	13.45	JAN 10	8.58	APR 10	5.91	JUL 10	10.79
10	13.09	19	frozen	19	6.44	19	11.42
19	9.65	26	frozen	26	6.94	26	12.12
26	9.12	FEB 03	4.99	MAY 05	7.53	AUG 03	12.97
NOV 03	9.13	10	4.87	10	7.82	10	13.71
10	9.53	19	4.98	19	8.30	19	14.54
19	9.28	26	5.39	26	7.45	26	15.07
DEC 03	8.93	MAR 04	4.90	JUN 03	6.81	SEP 03	15.69
10	8.73	11	4.94	10	7.78	10	15.98
19	8.79	19	4.99	19	8.90	19	10.38
26	8.86	26	4.30	26	9.39	26	7.25
JAN 03	9.05	APR 03	5.42	JUL 03	9.81		

WATER YEAR 1999 HIGHEST 4.30 MAR 26, 1999 LOWEST 15.98 SEP 10, 1999



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 28.7 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.

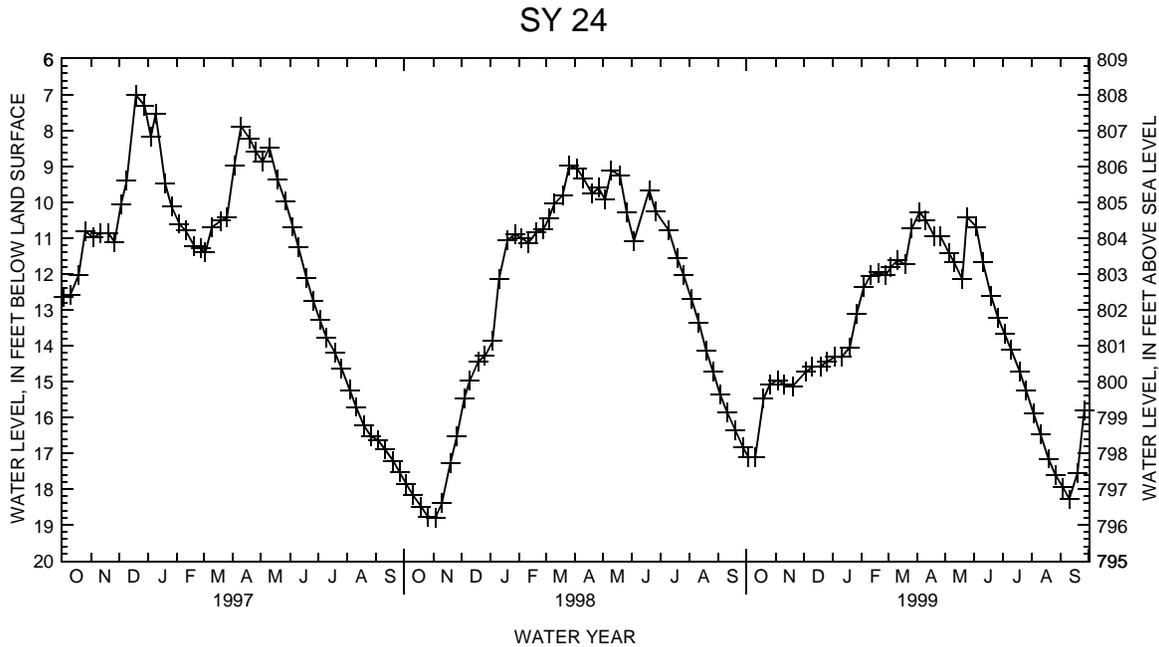
PERIOD OF RECORD.--December 1986 to current year.

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 1998 TO SEPTEMBER 1999

WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 03	17.12	JAN 10	14.32	APR 10	10.49	JUL 10	14.12
10	17.10	19	14.05	19	10.94	19	14.71
19	15.48	26	13.12	26	10.96	26	15.25
26	15.08	FEB 03	12.36	MAY 05	11.43	AUG 03	15.90
NOV 03	14.96	10	12.04	10	11.67	10	16.47
10	15.08	19	11.96	19	12.15	19	17.16
19	15.14	26	12.03	26	10.41	26	17.60
DEC 03	14.73	MAR 04	11.81	JUN 03	10.68	SEP 03	17.96
10	14.59	11	11.62	10	11.67	10	18.28
19	14.58	19	11.73	19	12.62	19	17.55
26	14.44	26	10.73	26	13.22	26	15.80
JAN 03	14.31	APR 03	10.28	JUL 03	13.68		

WATER YEAR 1999 HIGHEST 10.28 APR 03, 1999 LOWEST 18.28 SEP 10, 1999



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, fieldstone-lined, 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.

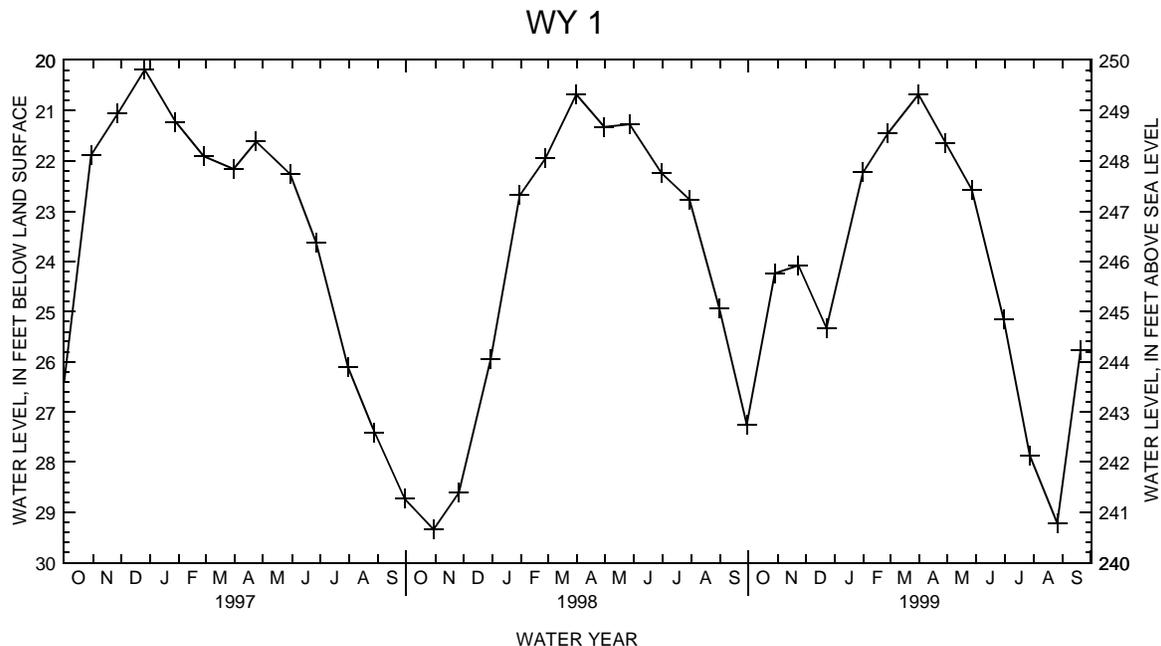
REMARKS.--Water level data available October 1913 through December 1916, not included in period of record due to lack of documentation of measuring point height.

PERIOD OF RECORD.--October 1913 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, 33.50 ft below land-surface datum, October 10, 1914.

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

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	24.24	JAN 31	22.22	APR 29	21.64	JUL 29	27.87
NOV 23	24.08	FEB 26	21.45	MAY 27	22.58	AUG 26	29.22
DEC 23	25.33	MAR 31	20.67	JUN 30	25.16	SEP 20	25.77
WATER YEAR 1999	HIGHEST	20.67	MAR 31, 1999	LOWEST	29.22	AUG 26, 1999	



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.

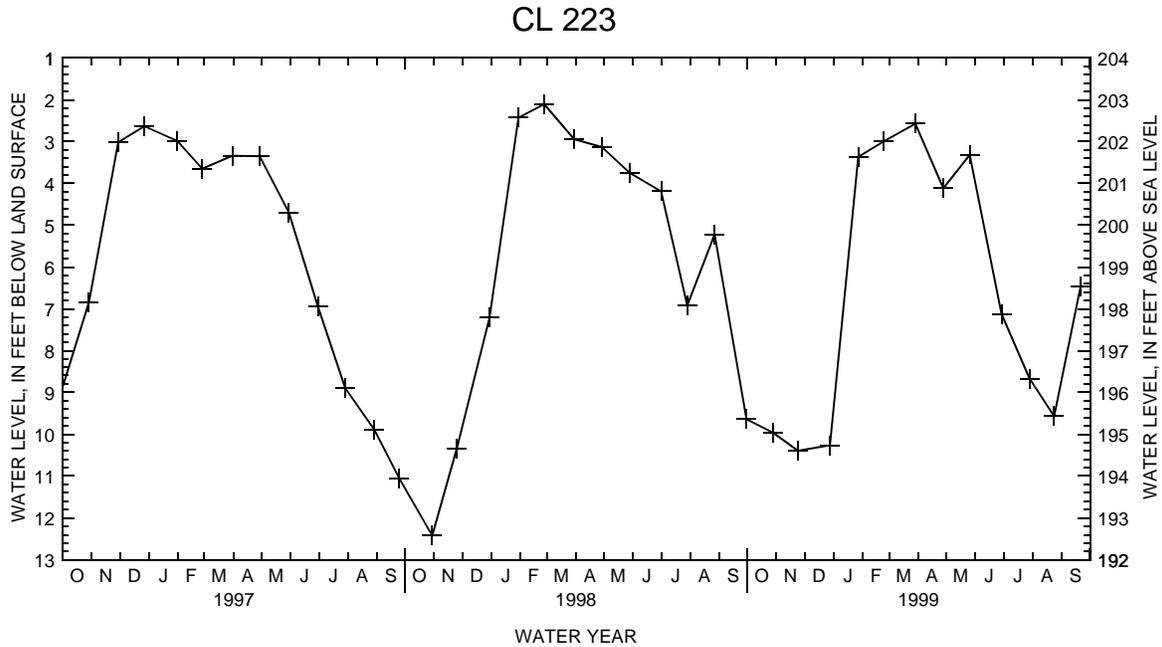
DATUM.--Elevation of land-surface datum is 205 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 1.08 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999

WATER LEVEL	WATER LEVEL	WATER LEVEL	WATER LEVEL
OCT 29 9.97	JAN 27 3.36	APR 28 4.12	JUL 29 8.67
NOV 24 10.39	FEB 23 3.00	MAY 26 3.32	AUG 24 9.57
DEC 28 10.26	MAR 29 2.57	JUN 29 7.12	SEP 21 6.47
WATER YEAR 1999	HIGHEST 2.57 MAR 29, 1999	LOWEST 10.39	NOV 24, 1998



**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.

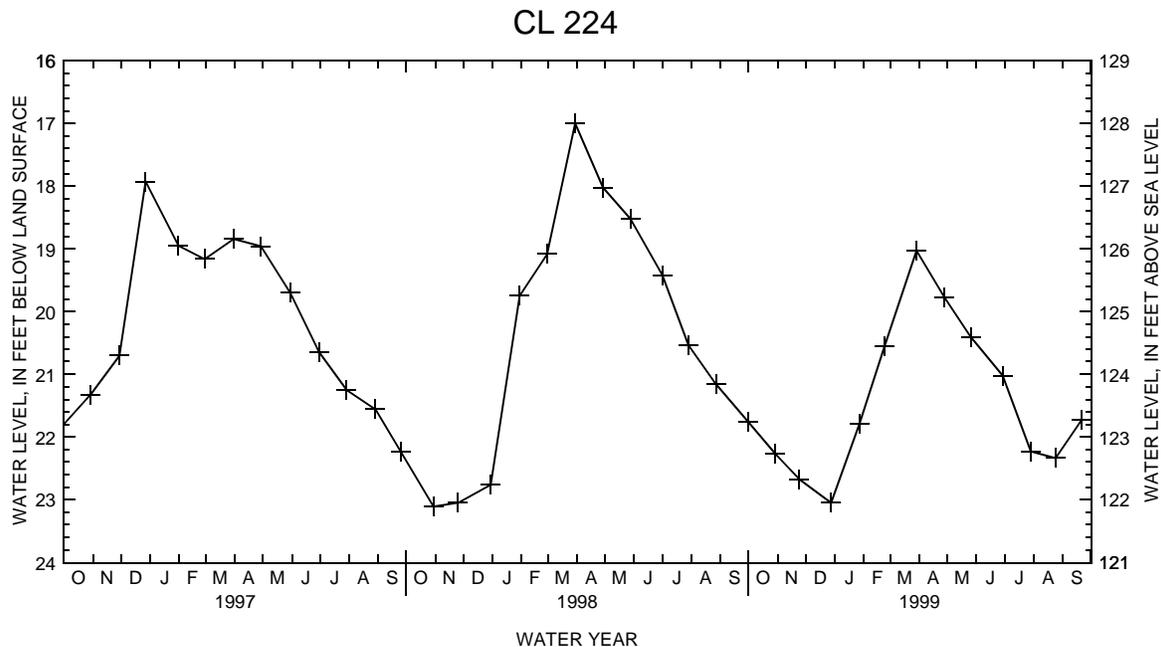
Measuring point: Top of steel protective casing, 0.57 ft above land-surface datum.

**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 1998 TO SEPTEMBER 1999**

WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 29	22.26	JAN 27	21.79	APR 28	19.78	JUL 29	22.23
NOV 24	22.67	FEB 23	20.55	MAY 26	20.41	AUG 24	22.34
DEC 28	23.05	MAR 29	19.03	JUN 29	21.03	SEP 21	21.73
WATER YEAR 1999		HIGHEST	19.03	MAR 29, 1999	LOWEST	23.05	DEC 28, 1998



GROUND-WATER LEVELS

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.

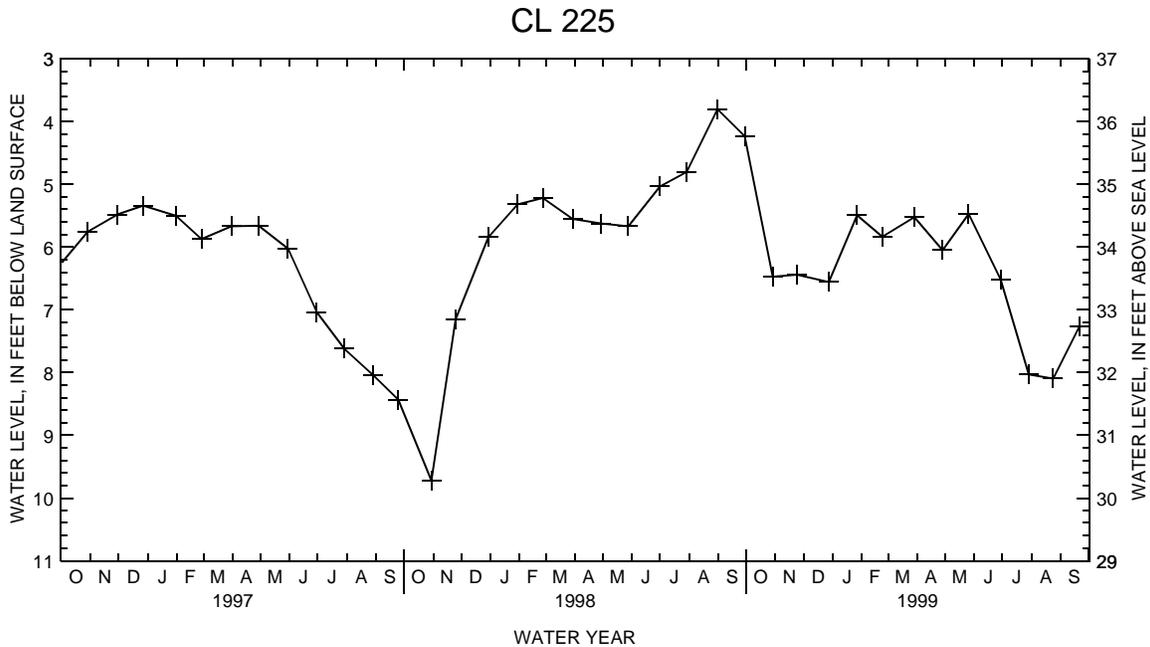
Measuring point: Top of steel protective casing, 1.88 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	6.47	JAN 27	5.49	APR 28	6.05	JUL 29	8.03
NOV 24	6.44	FEB 23	5.83	MAY 26	5.47	AUG 24	8.10
DEC 28	6.56	MAR 29	5.52	JUN 29	6.52	SEP 21	7.26
WATER YEAR 1999	HIGHEST	5.47	MAY 26, 1999	LOWEST	8.10	AUG 24, 1999	



**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 21.5 to 23 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.

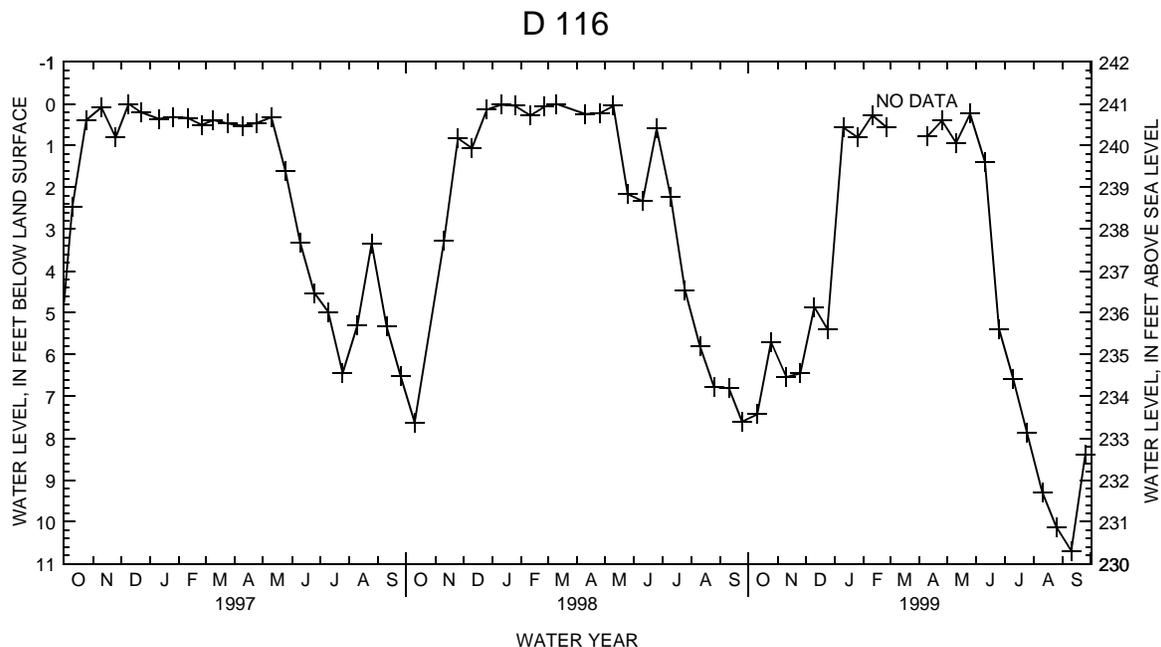
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.02 ft above land-surface datum, June 10, 1989; lowest water level measured, 10.69 ft below land-surface datum, September 10, 1999.

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

WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 10	7.42	JAN 10	.57	MAY 10	.93	AUG 10	9.29
25	5.70	25	.80	25	.24	25	10.12
NOV 10	6.54	FEB 10	.27	JUN 10	1.39	SEP 10	10.69
25	6.45	25	.56	25	5.38	25	8.39
DEC 10	4.86	APR 10	.77	JUL 10	6.59		
24	5.39	25	.41	25	7.87		

WATER YEAR 1999      HIGHEST      .24      MAY 25, 1999      LOWEST      10.69      SEP 10, 1999

(READINGS ABOVE LAND SURFACE INDICATED BY "+")



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.

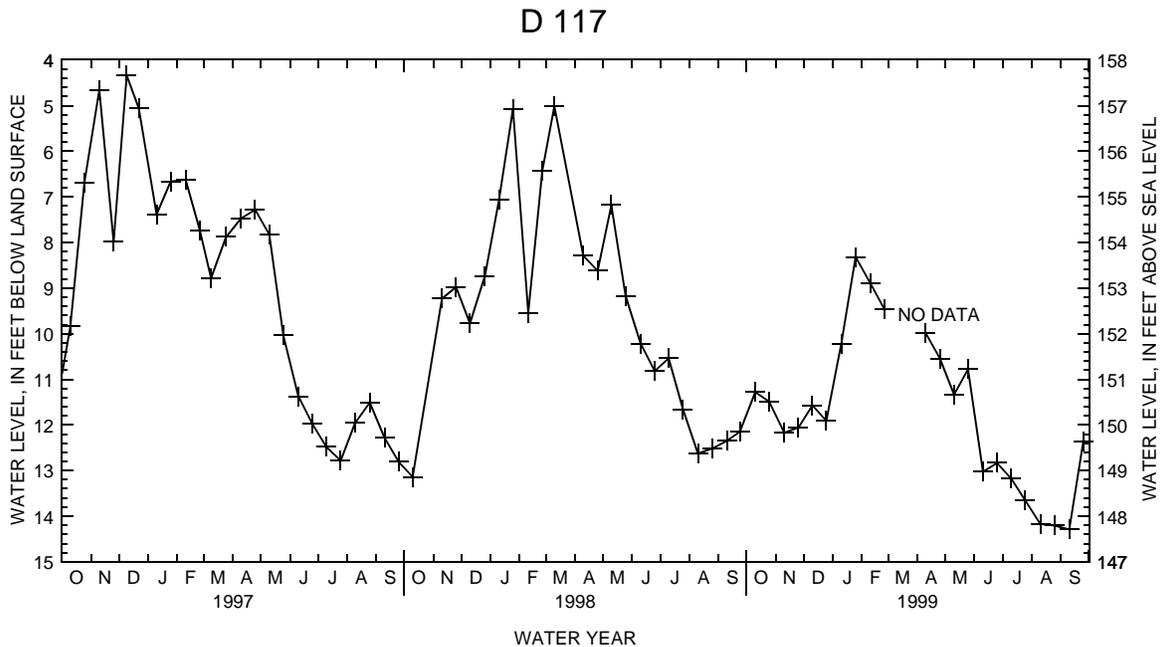
Measuring point: Top of steel protective casing, 1.35 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL				
OCT	10	11.28	JAN	10	10.22	MAY	10	11.33	AUG	10	14.17
	25	11.48		25	8.32		25	10.77		25	14.21
NOV	10	12.17	FEB	10	8.89	JUN	10	13.02	SEP	10	14.29
	25	12.06		25	9.47		25	12.83		25	12.36
DEC	10	11.57	APR	10	9.99	JUL	10	13.18			
	24	11.91		25	10.55		25	13.65			
WATER YEAR 1999		HIGHEST	8.32	JAN 25, 1999		LOWEST	14.29	SEP 10, 1999			



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.

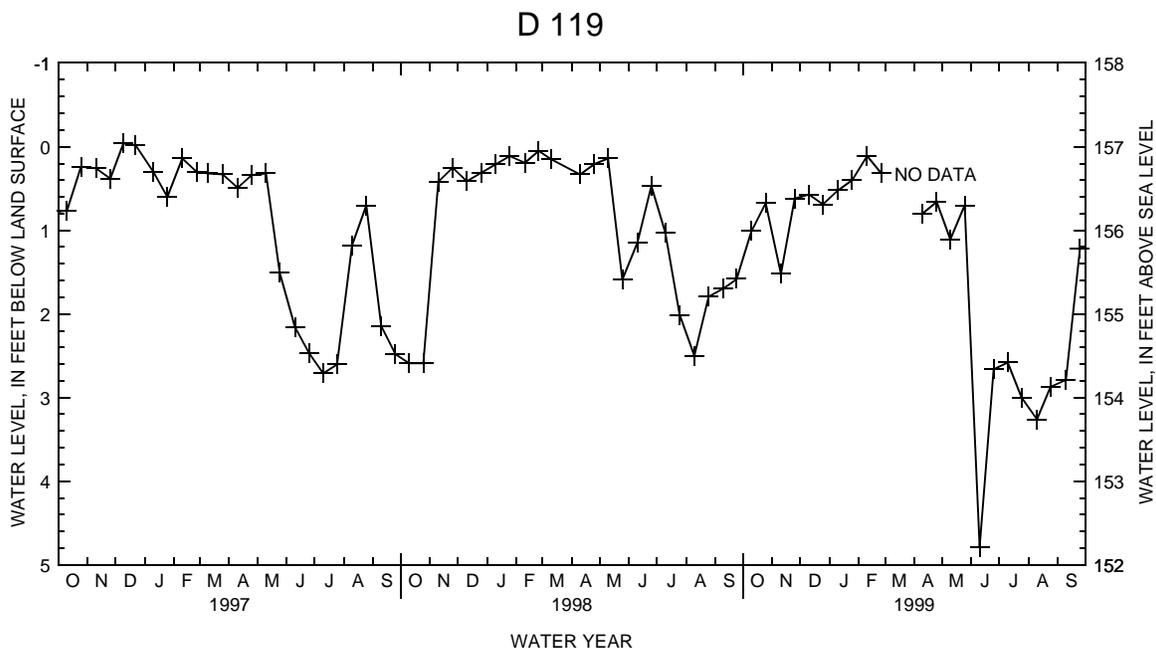
PERIOD OF RECORD.--January 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.12 ft above land-surface datum, March 12, 1994; lowest level measured, 4.79 ft below land-surface datum, June 10, 1999.

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

WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 10	1.00	JAN 10	.52	MAY 10	1.11	AUG 10	3.26
25	.67	25	.40	25	.70	25	2.87
NOV 10	1.52	FEB 10	.11	JUN 10	4.79	SEP 10	2.79
25	.62	25	.32	25	2.66	25	1.22
DEC 10	.57	APR 10	.80	JUL 10	2.58		
24	.69	25	.66	25	3.00		
WATER YEAR 1999		HIGHEST	.11	FEB 10, 1999	LOWEST	4.79	JUN 10, 1999

(READINGS ABOVE LAND SURFACE INDICATED BY "+")



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.

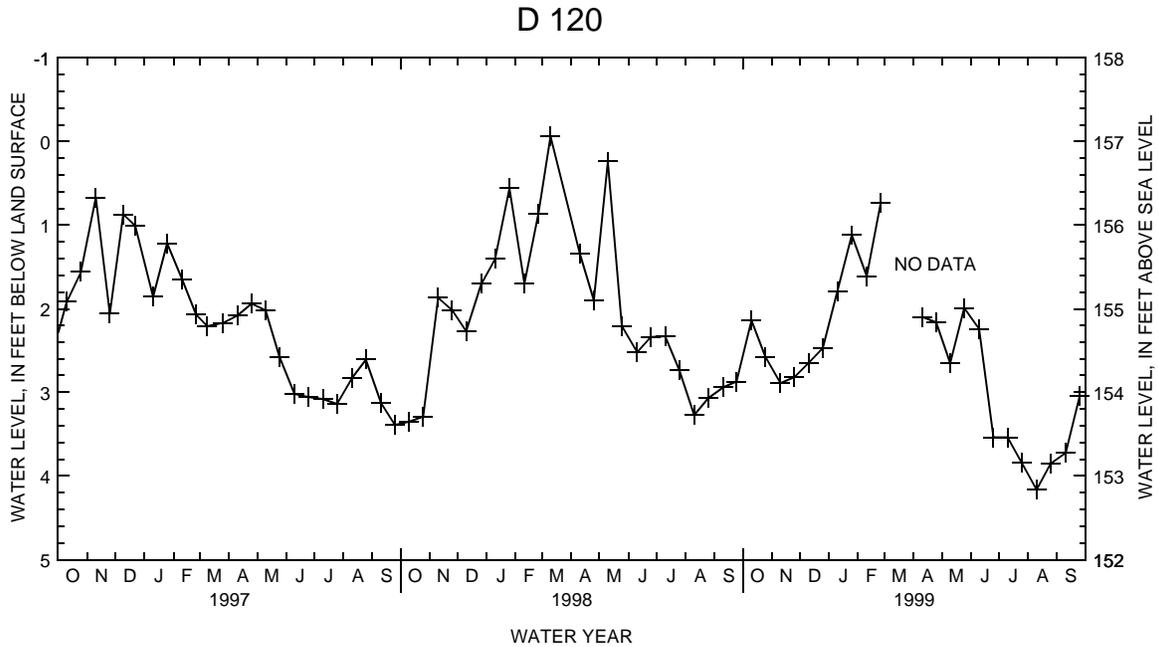
PERIOD OF RECORD.--January 1986 to current year.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 10	2.14	JAN 10	1.79	MAY 10	2.65	AUG 10	4.16
25	2.58	25	1.12	25	1.99	25	3.85
NOV 10	2.89	FEB 10	1.61	JUN 10	2.24	SEP 10	3.72
25	2.82	25	.73	25	3.54	25	3.04
DEC 10	2.65	APR 10	2.10	JUL 10	3.54		
24	2.47	25	2.16	25	3.84		
WATER YEAR 1999		HIGHEST	.73	FEB 25, 1999	LOWEST	4.16	AUG 10, 1999

(READINGS ABOVE LAND SURFACE INDICATED BY "+")



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 250 ft above sea level, from topographic map.

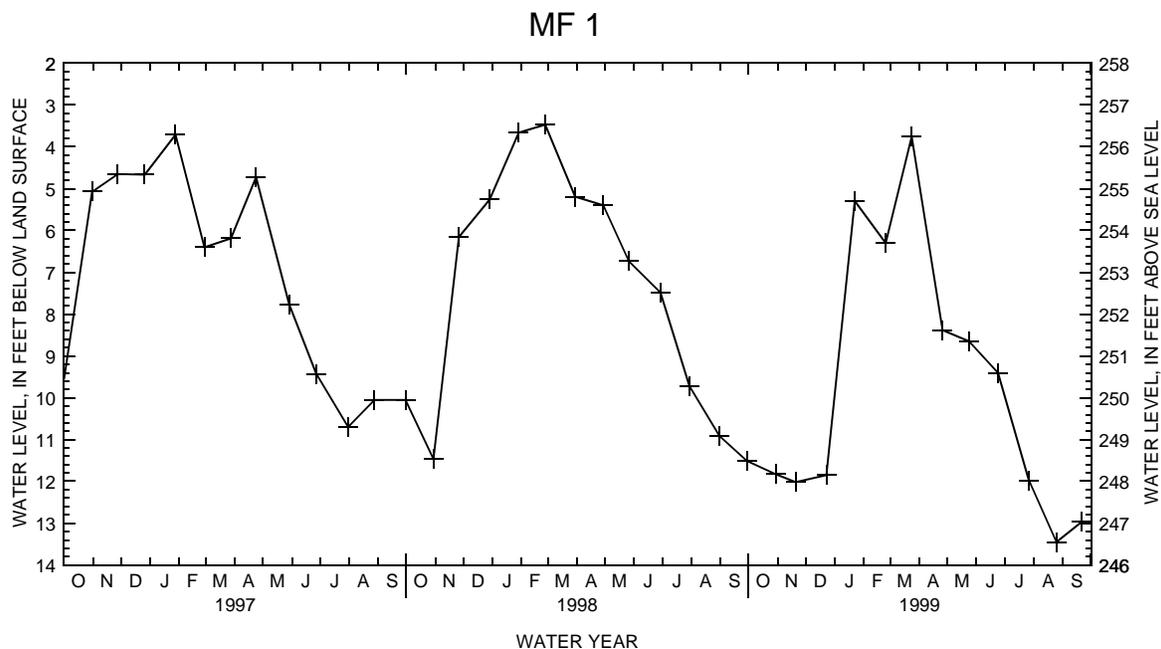
Measuring point: Top of flagstone curb, north side at land-surface datum.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	11.83	JAN 22	5.30	APR 26	8.38	JUL 27	11.98
NOV 20	12.02	FEB 24	6.30	MAY 24	8.65	AUG 25	13.45
DEC 23	11.85	MAR 24	3.75	JUN 24	9.40	SEP 21	12.97
WATER YEAR 1999	HIGHEST	3.75	MAR 24, 1999	LOWEST	13.45	AUG 25, 1999	



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 24 in, depth 27.6 ft, fieldstone-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.

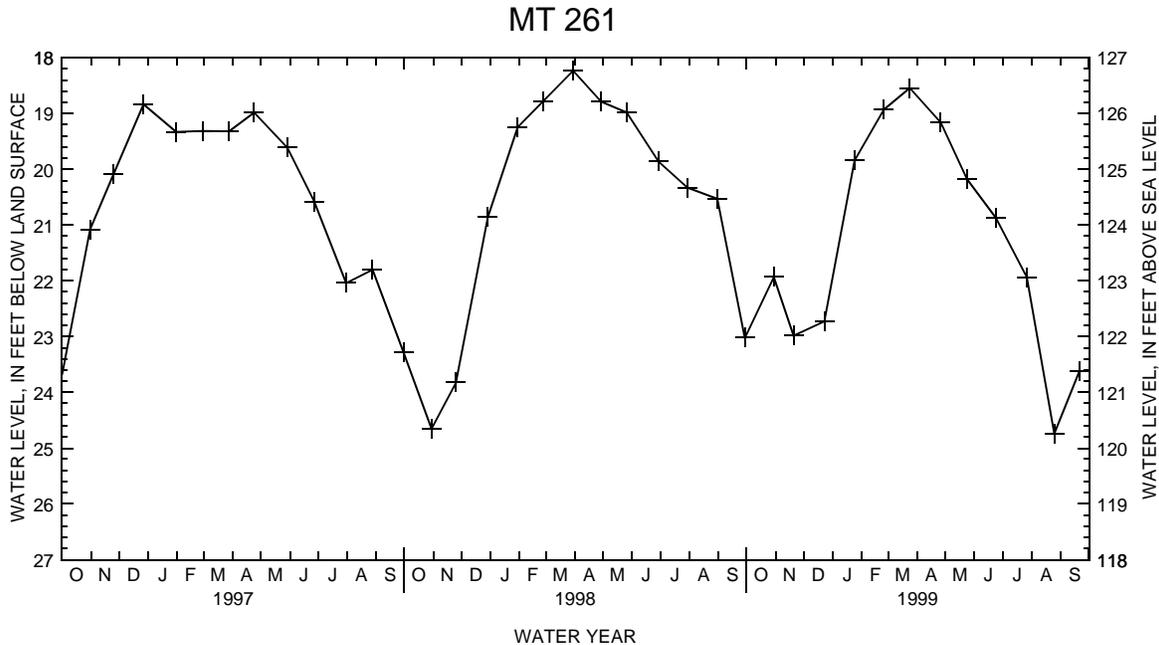
DATUM.--Elevation of land-surface datum is 150 ft above sea level, from topographic map. Measuring point: Top of steel well cover at land-surface datum.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	21.93	JAN 22	19.83	APR 26	19.16	JUL 27	21.94
NOV 20	22.98	FEB 24	18.93	MAY 24	20.18	AUG 25	24.74
DEC 23	22.72	MAR 24	18.54	JUN 24	20.88	SEP 21	23.62
WATER YEAR 1999		HIGHEST	18.54	MAR 24, 1999		LOWEST	24.74
							AUG 25, 1999



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.

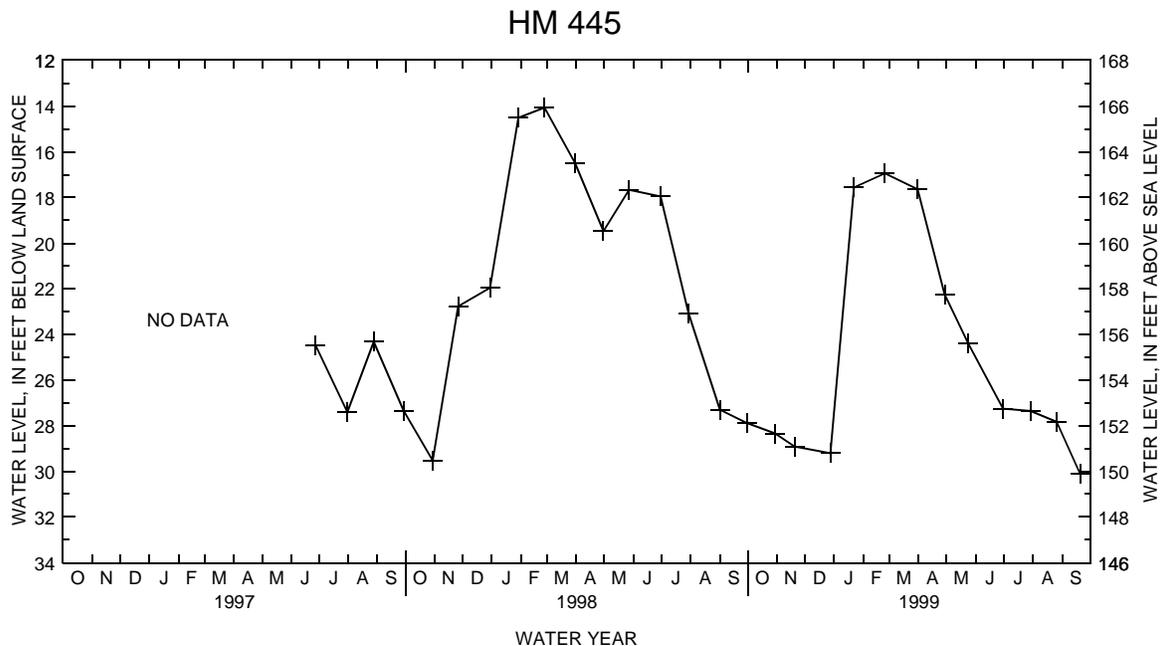
REMARKS.--Water level records missing from May 1996 through May 1997.

PERIOD OF RECORD.--July 1988 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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	28.34	JAN 22	17.55	APR 29	22.25	JUL 29	27.35
NOV 20	28.91	FEB 24	16.94	MAY 24	24.40	AUG 26	27.83
DEC 28	29.21	MAR 31	17.63	JUN 30	27.25	SEP 20	30.12
WATER YEAR 1999	HIGHEST	16.94	FEB 24, 1999	LOWEST	30.12	SEP 20, 1999	



GROUND-WATER LEVELS

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.

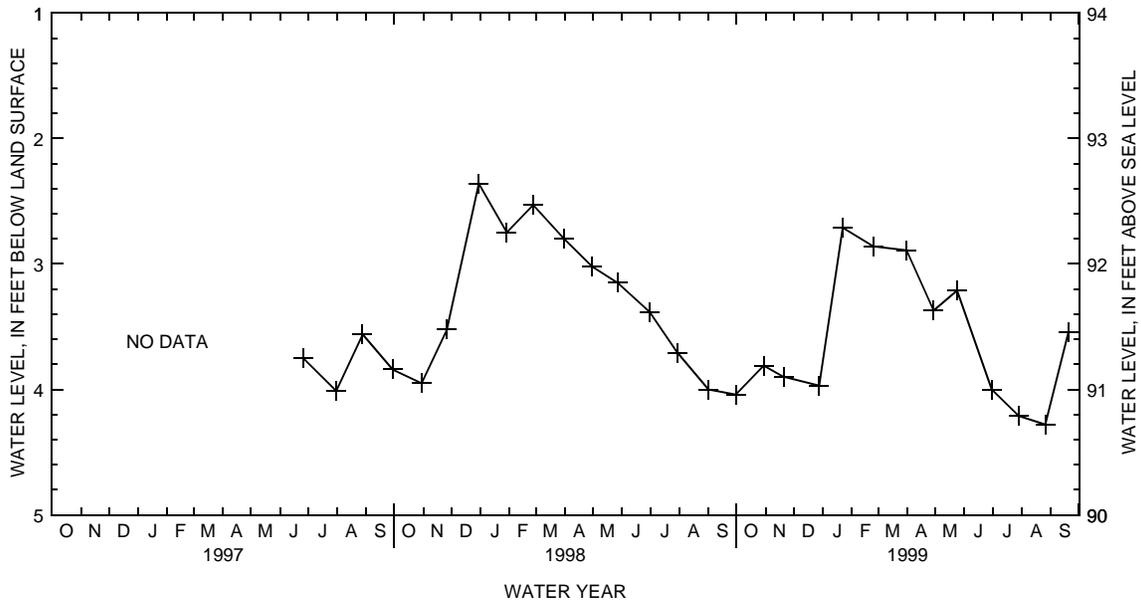
PERIOD OF RECORD.--April 1993 to current year.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	3.81	JAN 22	2.71	APR 29	3.37	JUL 29	4.21
NOV 20	3.90	FEB 24	2.86	MAY 24	3.21	AUG 26	4.28
DEC 28	3.97	MAR 31	2.89	JUN 30	4.00	SEP 20	3.54
WATER YEAR 1999		HIGHEST	2.71	JAN 22, 1999		LOWEST	4.28
							AUG 26, 1999

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.

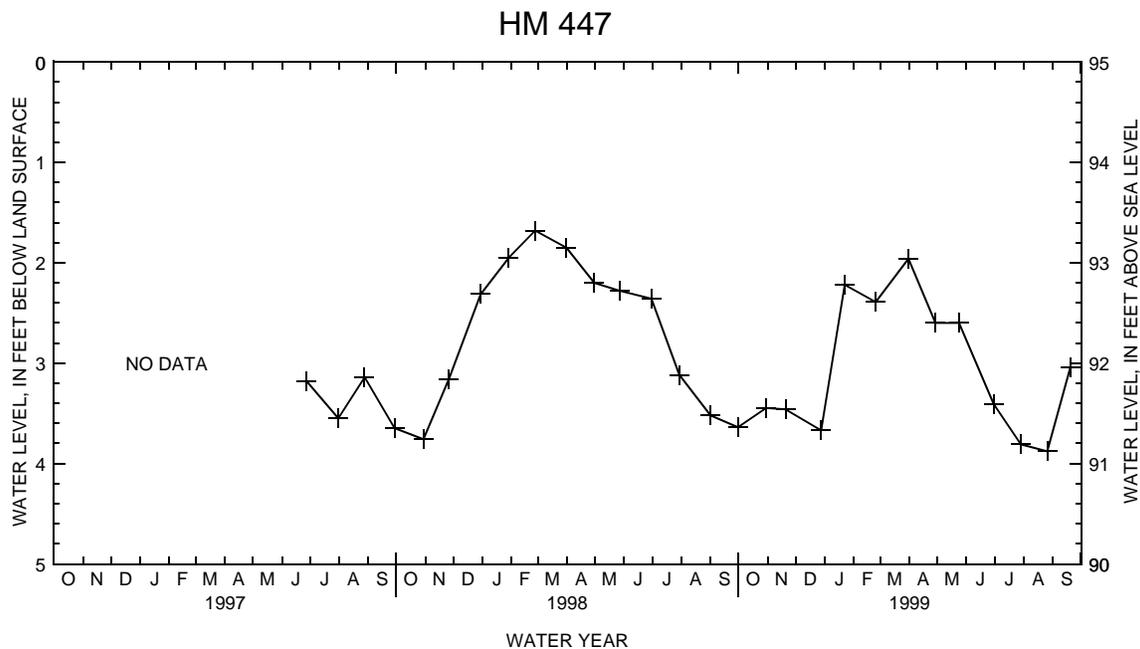
**REMARKS.**--Southern, deeper well of pair. Water level records missing from May 1996 through May 1997.

**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 1998 TO SEPTEMBER 1999**

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	3.45	JAN 22	2.22	APR 29	2.60	JUL 29	3.81
NOV 20	3.46	FEB 24	2.39	MAY 24	2.60	AUG 26	3.88
DEC 28	3.67	MAR 31	1.96	JUN 30	3.41	SEP 20	3.04
WATER YEAR 1999		HIGHEST	1.96	MAR 31, 1999		LOWEST	3.88
							AUG 26, 1999



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.

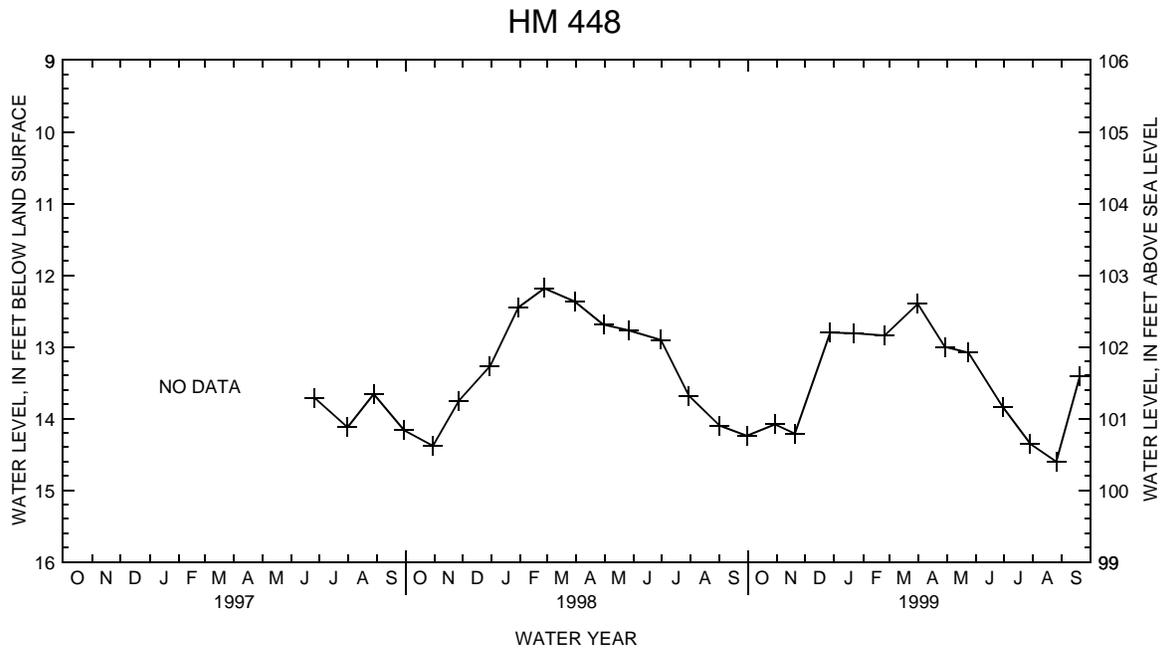
REMARKS.--Water level records missing from May 1996 through May 1997.

PERIOD OF RECORD.--January 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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	14.08	JAN 22	12.81	APR 29	13.00	JUL 29	14.35
NOV 20	14.21	FEB 24	12.84	MAY 24	13.08	AUG 26	14.60
DEC 28	12.80	MAR 31	12.40	JUN 30	13.84	SEP 20	13.41
WATER YEAR 1999	HIGHEST	12.40	MAR 31, 1999	LOWEST	14.60	AUG 26, 1999	



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.

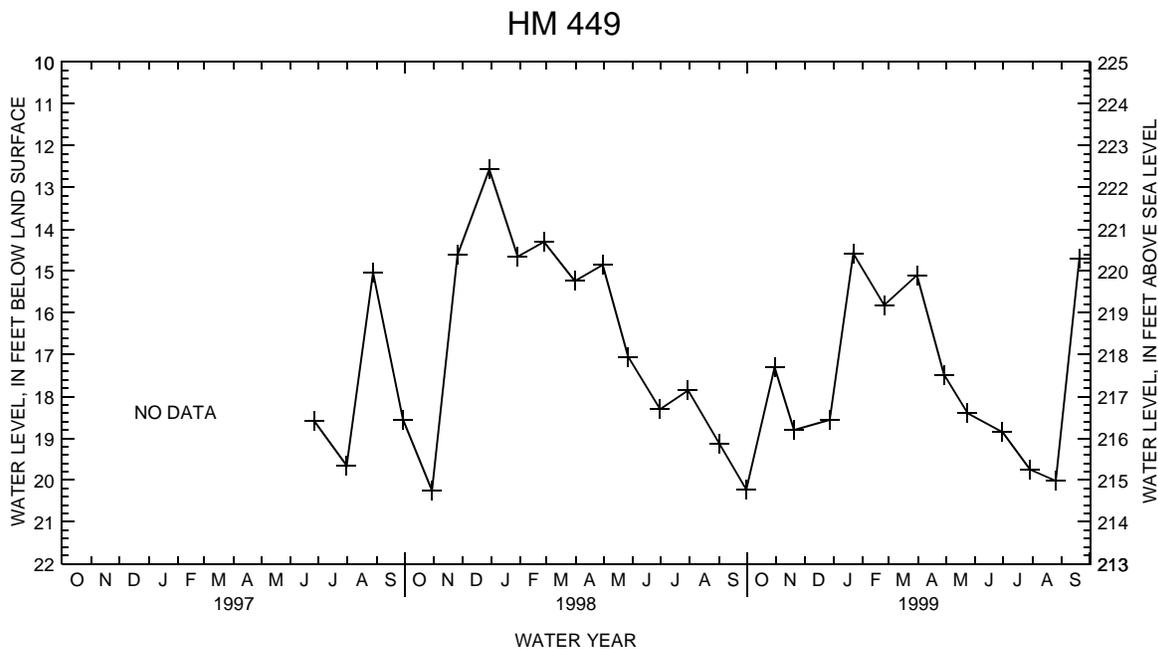
REMARKS.--Northern well of pair. Water level records missing from May 1996 through May 1997.

PERIOD OF RECORD.--January 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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	17.30	JAN 22	14.58	APR 29	17.48	JUL 29	19.74
NOV 20	18.80	FEB 24	15.82	MAY 24	18.40	AUG 26	20.01
DEC 28	18.56	MAR 31	15.10	JUN 30	18.85	SEP 20	14.70
WATER YEAR 1999	HIGHEST	14.58	JAN 22, 1999	LOWEST	20.01	AUG 26, 1999	



GROUND-WATER LEVELS

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.

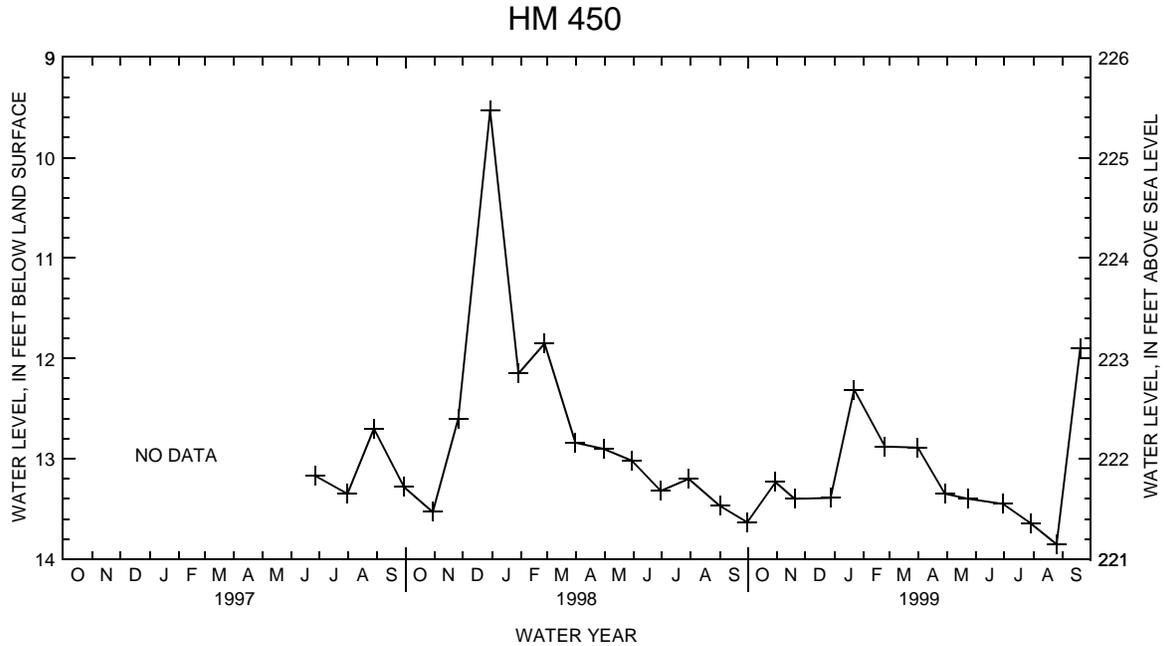
REMARKS.--Southern well of pair. Water level records missing from May 1996 through May 1997.

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, 13.85 ft below land-surface datum, August 26, 1999.

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

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	13.23	JAN 22	12.31	APR 29	13.35	JUL 29	13.64
NOV 20	13.40	FEB 24	12.88	MAY 24	13.40	AUG 26	13.85
DEC 28	13.39	MAR 31	12.89	JUN 30	13.45	SEP 20	11.90
WATER YEAR 1999	HIGHEST	11.90	SEP 20, 1999	LOWEST	13.85	AUG 26, 1999	



**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.

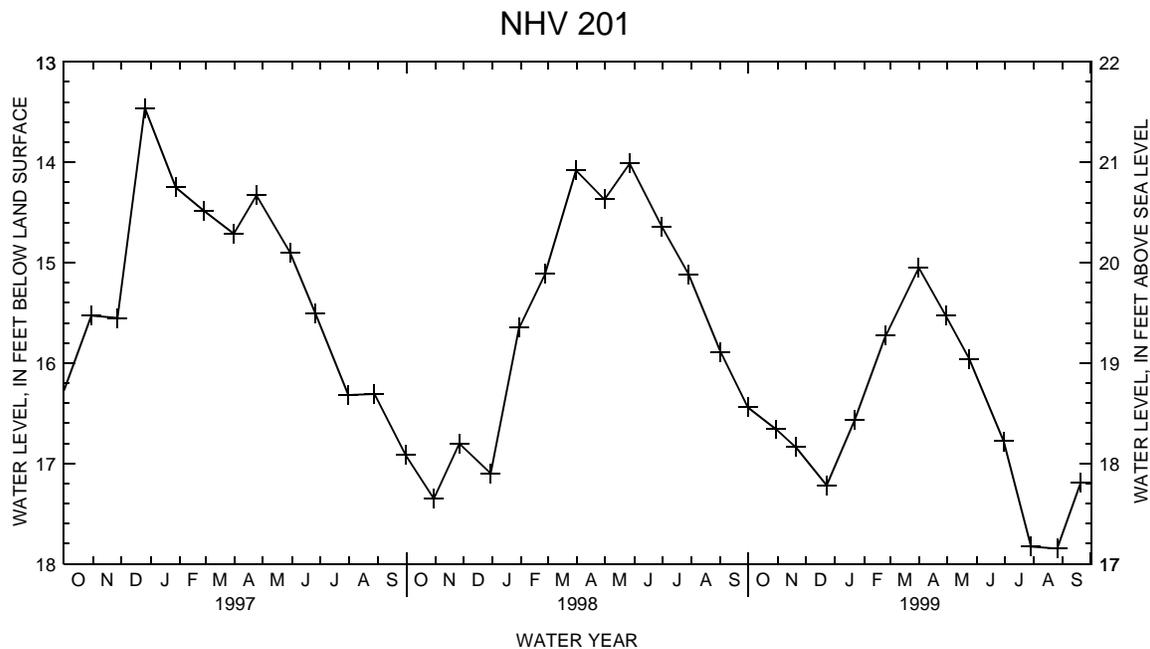
Measuring point: Top of steel protective casing, 0.7 ft above land-surface datum.

**PERIOD OF RECORD.**--September 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 1998 TO SEPTEMBER 1999**

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	16.60	JAN 22	16.57	APR 29	15.53	JUL 29	17.83
NOV 20	16.84	FEB 24	15.73	MAY 24	15.96	AUG 26	17.85
DEC 23	17.22	MAR 31	15.05	JUN 30	16.78	SEP 20	17.19
WATER YEAR 1999		HIGHEST	15.05	MAR 31, 1999		LOWEST	17.85
							AUG 26, 1999



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 65.0 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.

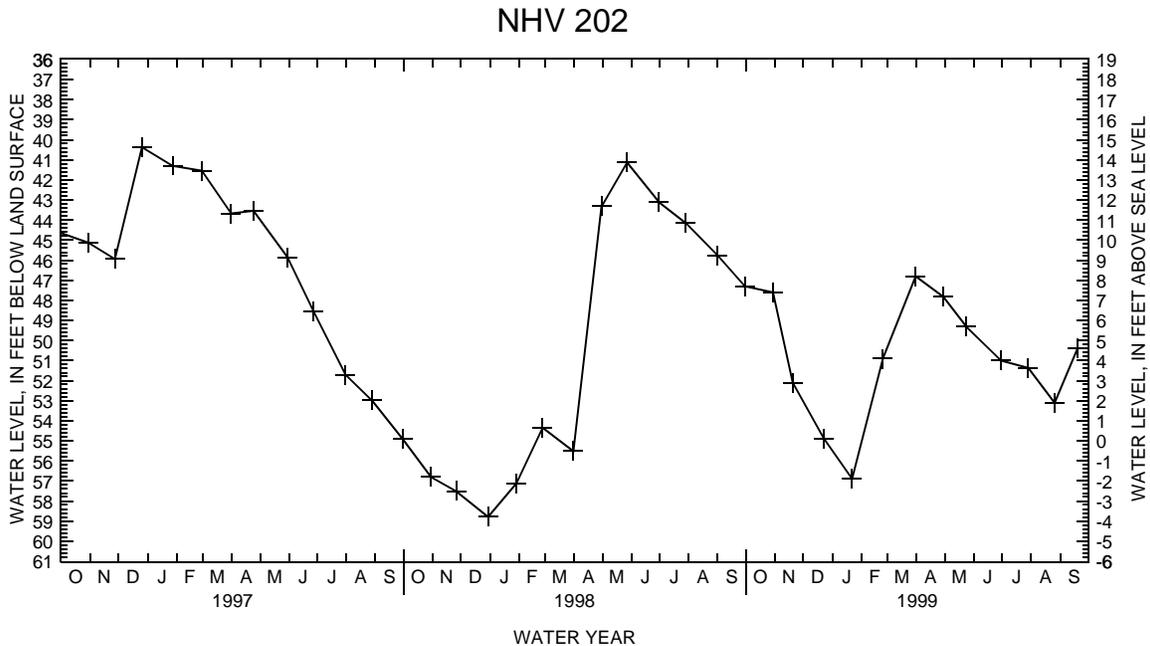
REMARKS.--Levels affected by pumping.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	47.60	JAN 22	56.90	APR 29	47.79	JUL 29	51.37
NOV 20	52.11	FEB 24	50.90	MAY 24	49.31	AUG 26	53.11
DEC 23	54.88	MAR 31	46.80	JUN 30	51.00	SEP 20	50.37
WATER YEAR 1999	HIGHEST	46.80	MAR 31, 1999	LOWEST	56.90	JAN 22, 1999	



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 Department of Transportation.

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 January 1979 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.

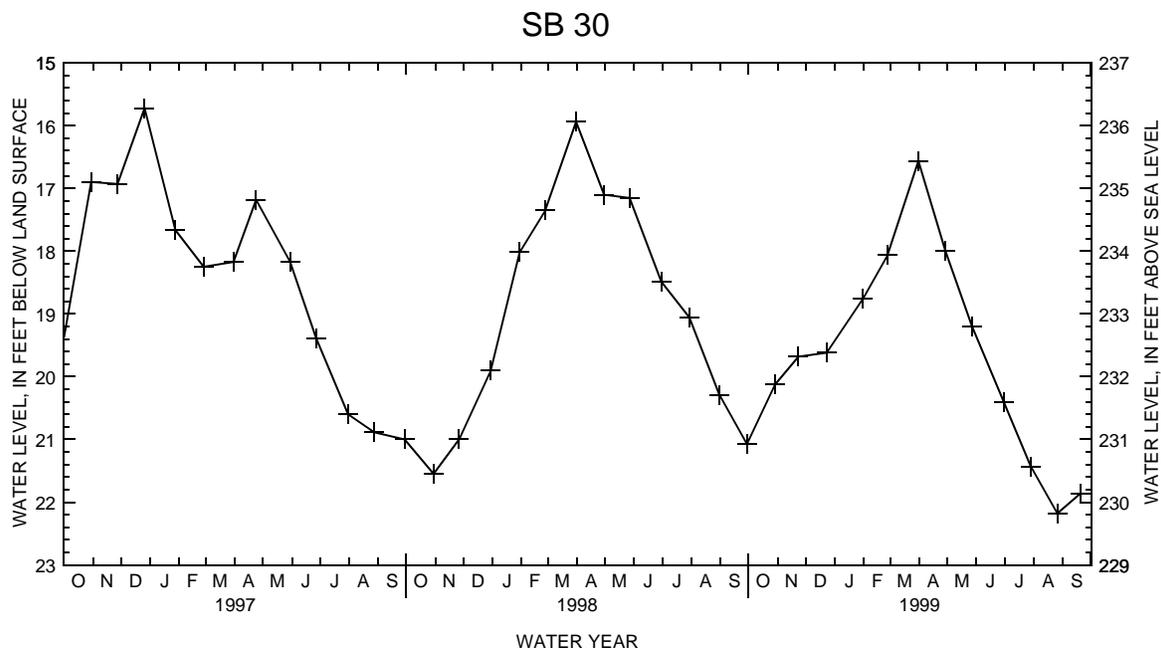
Measuring point: Top of steel protective casing, 2 ft above land-surface datum.

PERIOD OF RECORD.-- January 1979 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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	20.13	JAN 31	18.75	APR 29	18.00	JUL 29	21.43
NOV 23	19.68	FEB 26	18.06	MAY 27	19.19	AUG 26	22.18
DEC 23	19.62	MAR 31	16.56	JUN 30	20.40	SEP 20	21.86
WATER YEAR 1999		HIGHEST	16.56	MAR 31, 1999		LOWEST	22.18
							AUG 26, 1999



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 26.5 ft, PVC casing, screened 21 to 26.5 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.

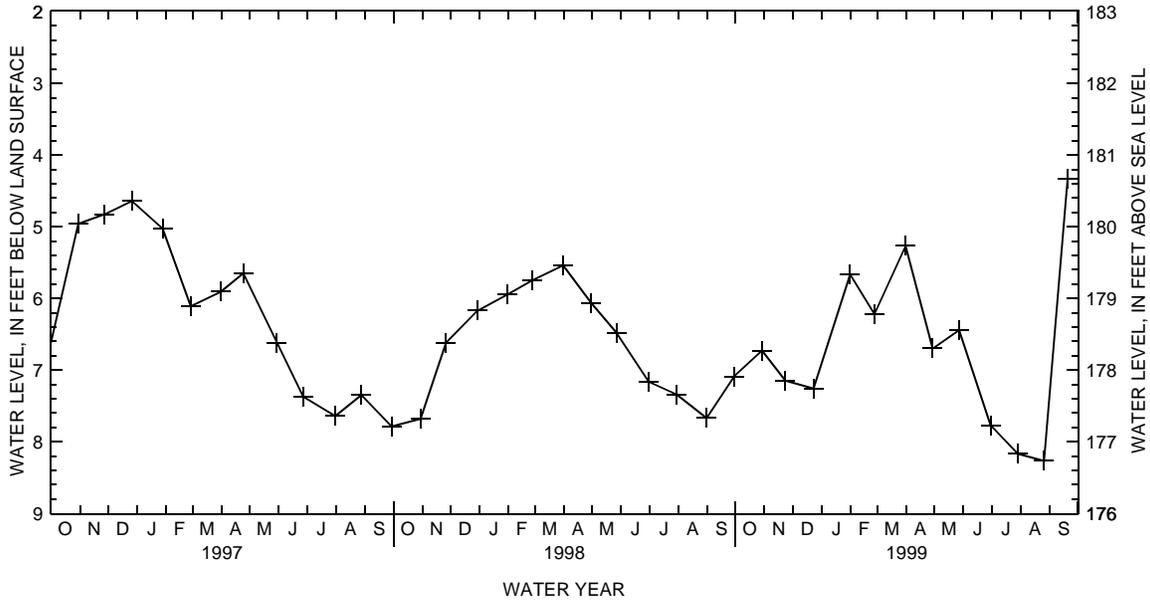
PERIOD OF RECORD.-- October 1991 to current year.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	6.73	JAN 31	5.67	APR 29	6.70	JUL 29	8.17
NOV 23	7.15	FEB 26	6.22	MAY 27	6.44	AUG 26	8.27
DEC 23	7.26	MAR 31	5.27	JUN 30	7.77	SEP 20	4.33
WATER YEAR 1999	HIGHEST	4.33	SEP 20, 1999	LOWEST	8.27	AUG 26, 1999	

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.

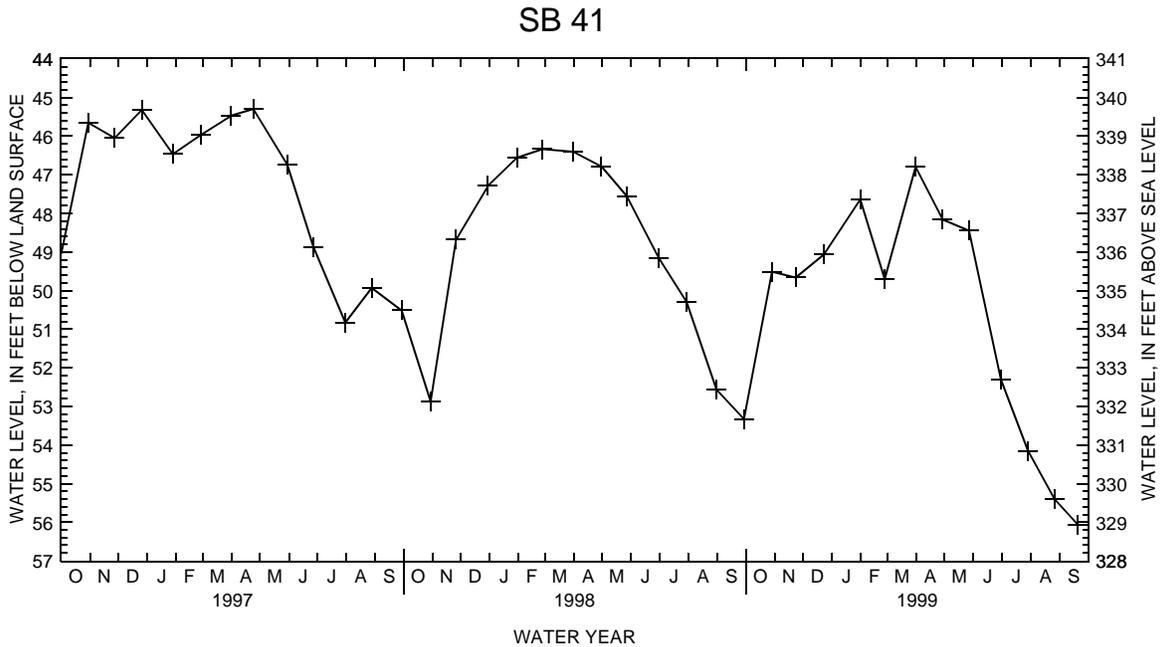
**DATUM.**--Elevation of land-surface datum is 385 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 2.35 ft above land-surface datum.

**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, 56.06 ft below land-surface datum, September 20, 1999.

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

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	49.51	JAN 31	47.63	APR 29	48.16	JUL 29	54.15
NOV 23	49.66	FEB 26	47.35	MAY 27	48.45	AUG 26	55.40
DEC 23	49.07	MAR 31	46.80	JUN 30	52.30	SEP 20	56.06
WATER YEAR 1999		HIGHEST	46.80	MAR 31, 1999	LOWEST	56.06	SEP 20, 1999



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.

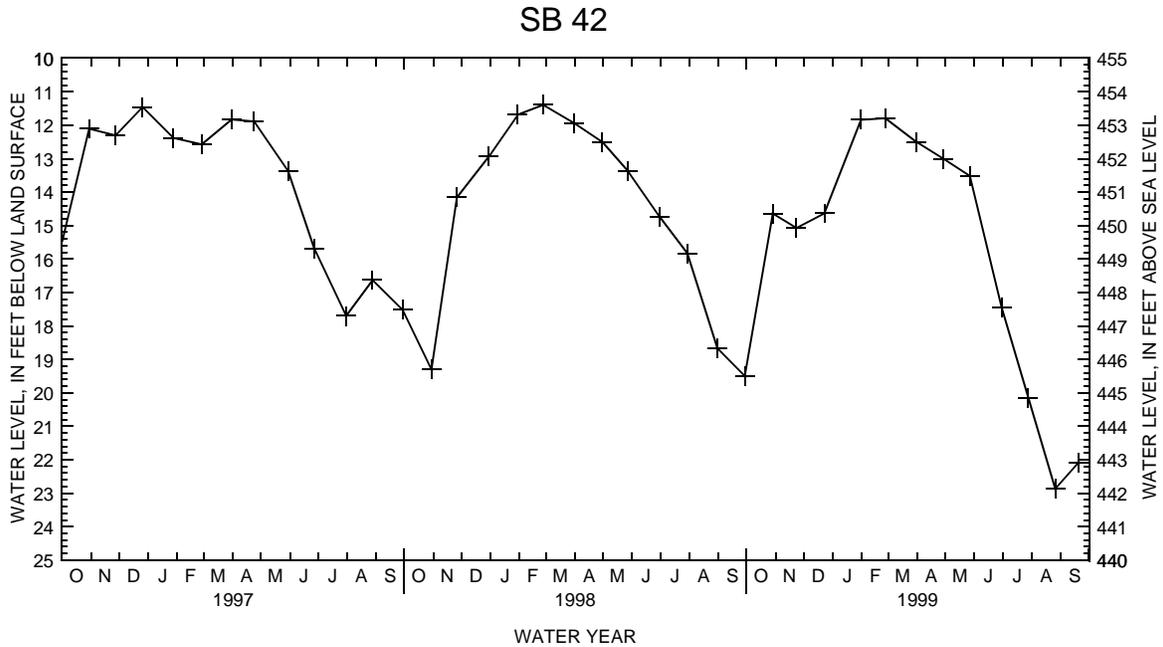
DATUM.--Elevation of land-surface datum is 465 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 1.20 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 29	14.64	JAN 31	11.84	APR 29	13.00	JUL 29	20.15	
NOV 23	15.07	FEB 26	11.79	MAY 27	13.51	AUG 26	22.87	
DEC 23	14.62	MAR 31	12.50	JUN 30	17.45	SEP 20	22.08	
WATER YEAR 1999		HIGHEST	11.79	FEB 26, 1999		LOWEST	22.87	AUG 26, 1999



**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: G. Gordin.

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

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

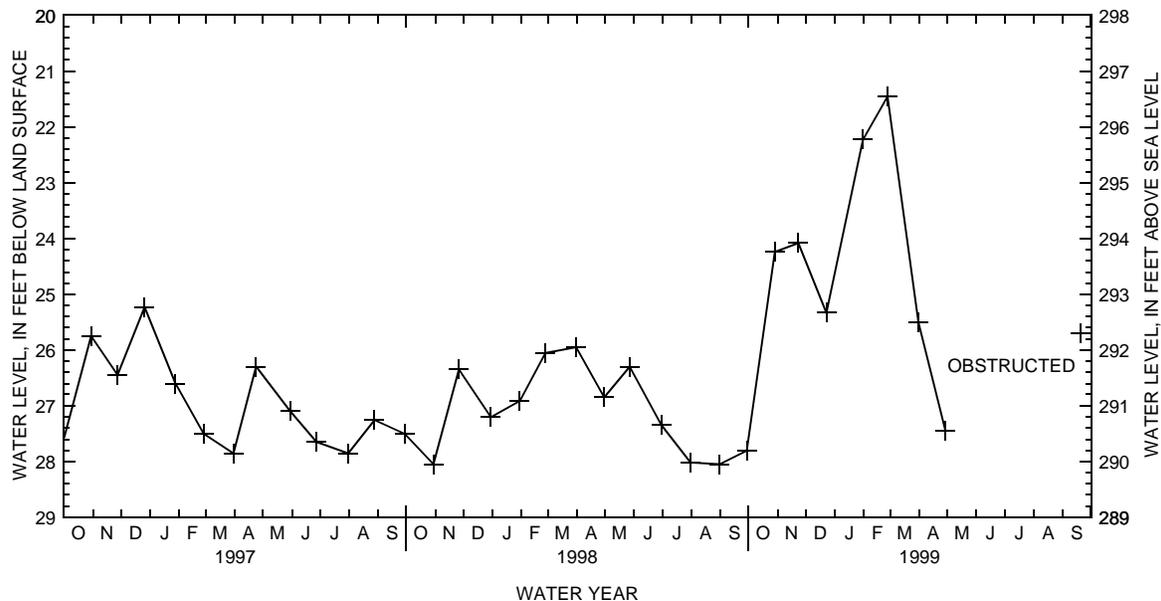
PERIOD OF RECORD.--October 1943 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.45 ft below land-surface datum, February 26, 1999; 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 1998 TO SEPTEMBER 1999**

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	24.24	JAN 31	22.22	APR 29	27.45	JUL 28	obstructed
NOV 23	24.08	FEB 26	21.45	MAY 27	obstructed	AUG 26	obstructed
DEC 23	25.33	MAR 31	25.50	JUN 30	obstructed	SEP 20	25.70
WATER YEAR 1999		HIGHEST	21.45	FEB 26, 1999	LOWEST	27.45	APR 29, 1999

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.

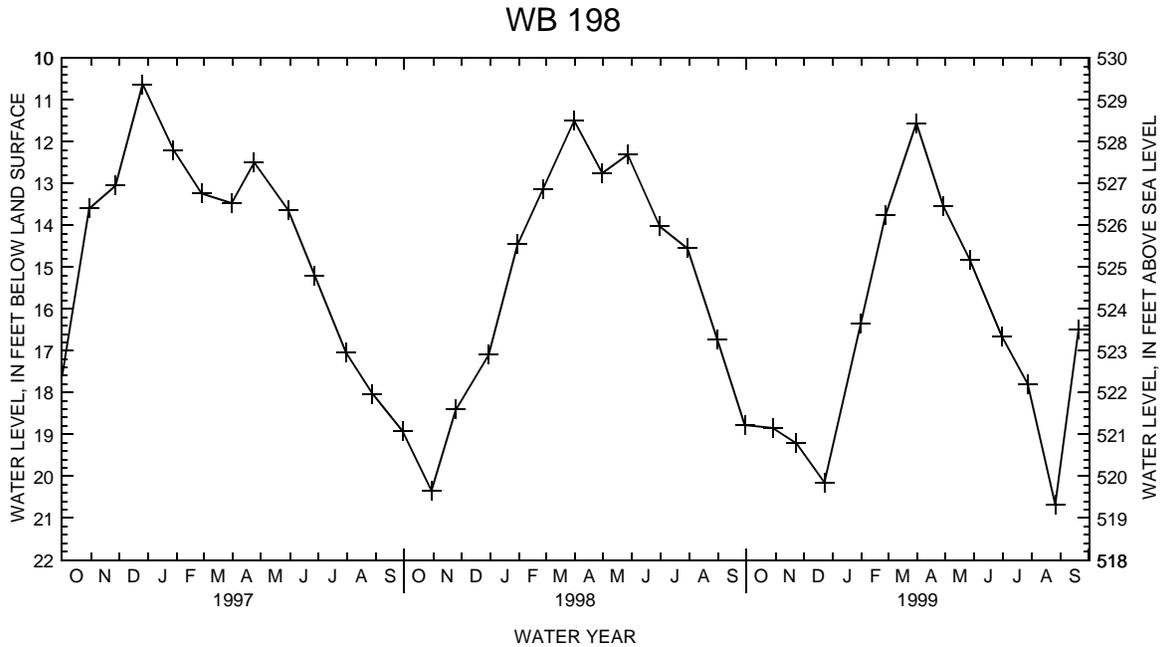
Measuring point: Top of flagstone curb, at southeast corner, at land-surface datum.

PERIOD OF RECORD.--October 1943 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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	18.85	JAN 31	16.35	APR 29	13.55	JUL 29	17.81
NOV 23	19.21	FEB 26	13.76	MAY 27	14.83	AUG 26	20.68
DEC 23	20.15	MAR 31	11.56	JUN 30	16.65	SEP 20	16.50
WATER YEAR 1999	HIGHEST	11.56	MAR 31, 1999	LOWEST	20.68	AUG 26, 1999	



## 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 29.1 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.

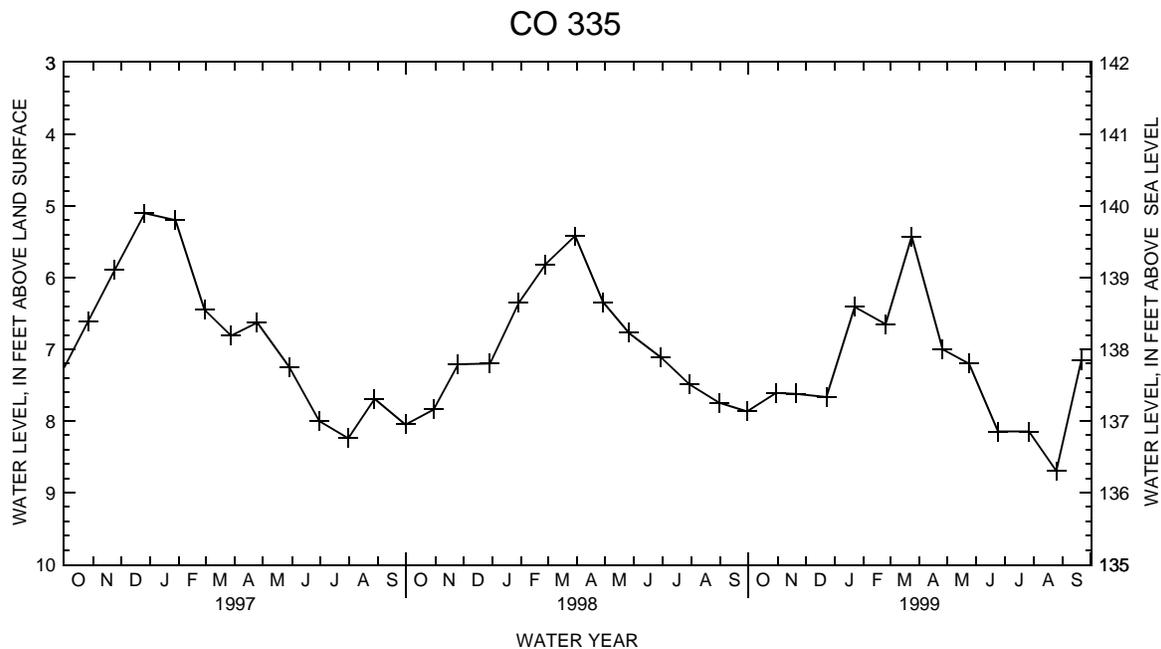
Measuring point: Top of steel protective casing 0.2 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 30	7.61	JAN 22	6.41	APR 26	7.00	JUL 27	8.15
NOV 20	7.62	FEB 24	6.65	MAY 24	7.20	AUG 25	8.70
DEC 23	7.67	MAR 24	5.43	JUN 24	8.15	SEP 21	7.15
WATER YEAR 1999	HIGHEST	5.43	MAR 24, 1999	LOWEST	8.70	AUG 25, 1999	



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, fieldstone-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.

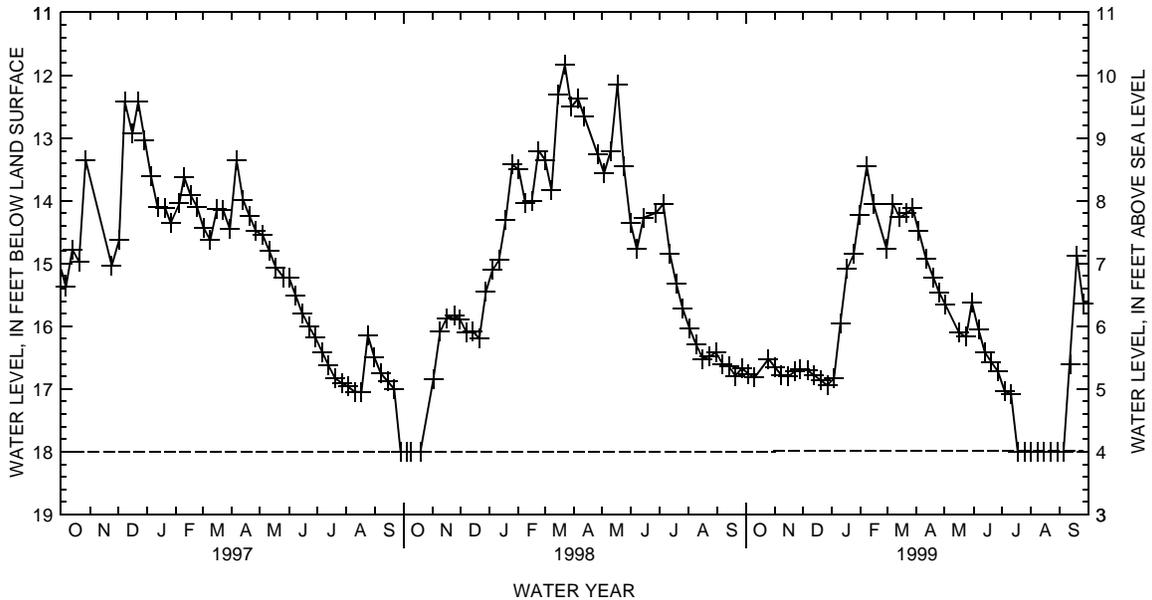
PERIOD OF RECORD.--May 1958 to current year.

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; July 18, 25, 1999; August 1, 8, 15, 22, 29, 1999; Sept. 5, 1999.

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

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 04	16.76	JAN 10	15.95	APR 19	15.22	JUL 18	dry
10	16.82	17	15.08	25	15.46	25	dry
25	16.52	24	14.85	MAY 02	15.66	AUG 01	dry
NOV 01	16.65	30	14.23	09	15.86	08	dry
08	16.78	FEB 07	13.45	16	16.10	15	dry
15	16.80	14	14.05	24	16.17	22	dry
22	16.72	28	14.76	30	15.62	29	dry
28	16.68	MAR 07	14.05	JUN 06	16.05	SEP 05	dry
DEC 06	16.70	14	14.26	13	16.42	12	16.60
13	16.78	21	14.20	20	16.57	19	14.88
20	16.86	28	14.12	27	16.72	26	15.63
27	16.94	APR 03	14.47	JUL 04	17.03		
JAN 03	16.83	11	14.92	11	17.08		
WATER YEAR 1999 HIGHEST 13.45 FEB 07, 1999 LOWEST 17.08 JUL 11, 1999							

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.

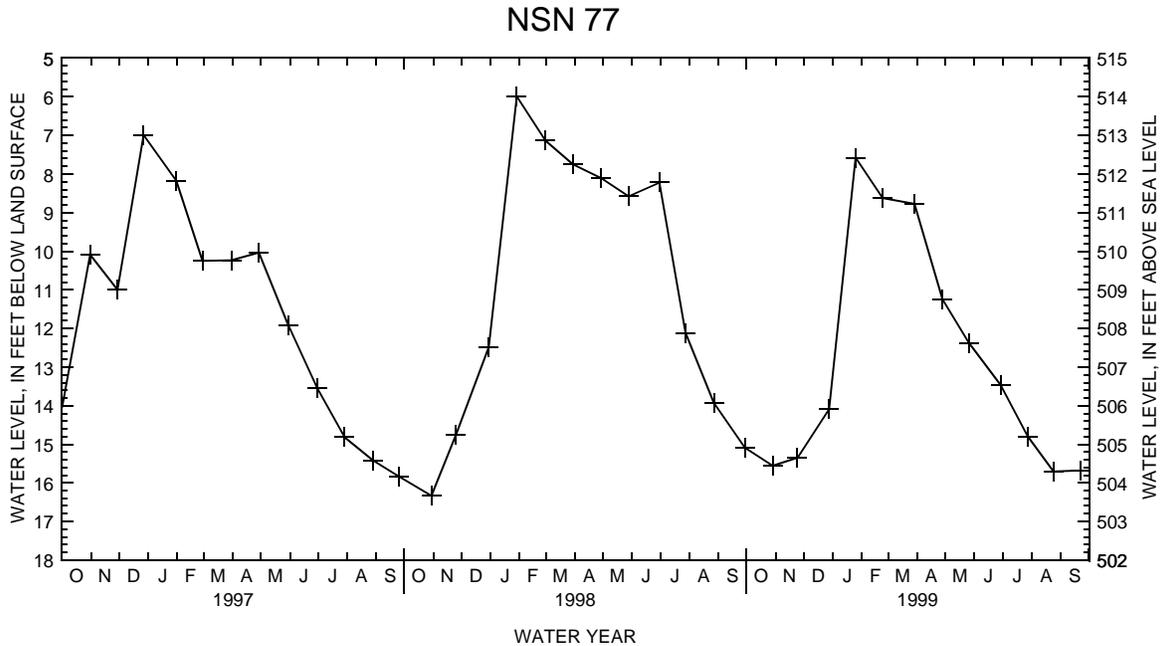
**DATUM.**--Elevation of land-surface datum is 520 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 2.00 ft above land-surface datum.

**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 1998 TO SEPTEMBER 1999**

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	15.56	JAN 25	7.57	APR 28	11.25	JUL 28	14.80
NOV 24	15.35	FEB 23	8.62	MAY 26	12.38	AUG 24	15.70
DEC 28	14.08	MAR 29	8.77	JUN 29	13.48	SEP 22	15.68
WATER YEAR 1999		HIGHEST	7.57	JAN 25, 1999		LOWEST	15.70
							AUG 24, 1999



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.

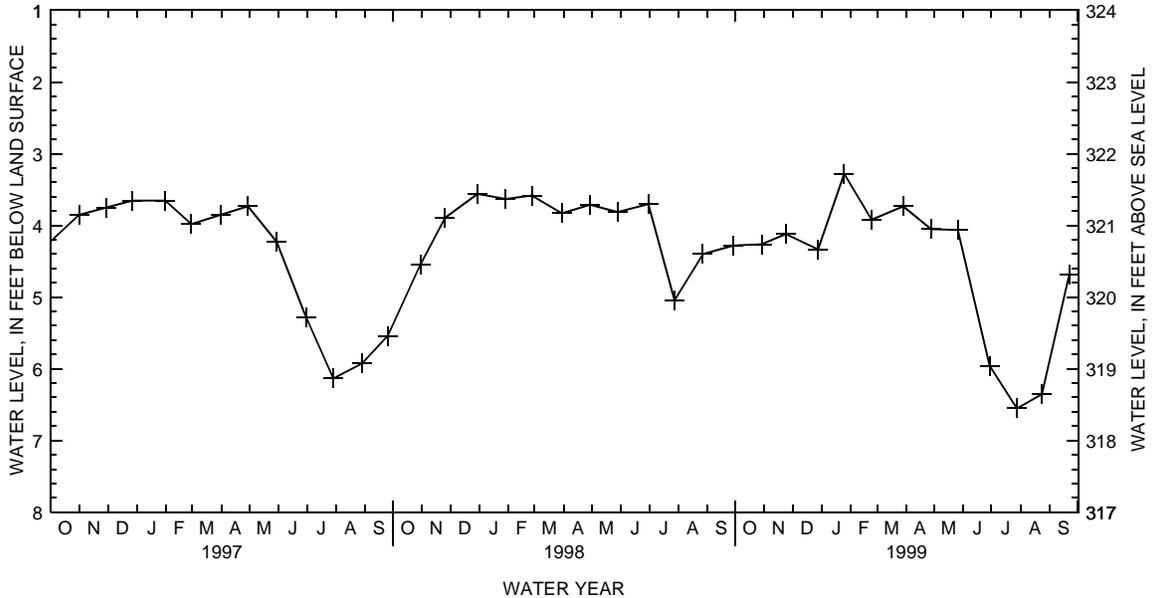
PERIOD OF RECORD.-- October 1991 to current year.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	4.26	JAN 25	3.28	APR 28	4.05	JUL 28	6.55
NOV 24	4.12	FEB 23	3.92	MAY 26	4.06	AUG 24	6.35
DEC 28	4.33	MAR 29	3.73	JUN 29	5.96	SEP 22	4.68
WATER YEAR 1999	HIGHEST	3.28	JAN 25, 1999	LOWEST	6.55	JUL 28, 1999	

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.

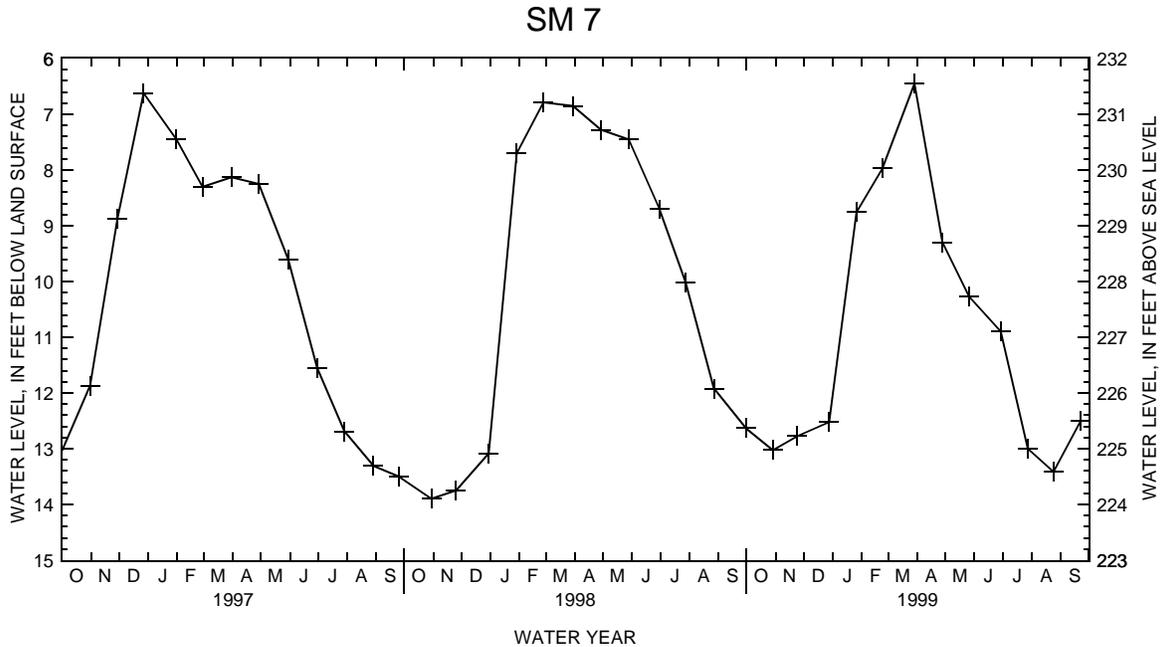
**DATUM.**--Elevation of land-surface datum is 238 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 1.7 ft above land-surface datum.

**PERIOD OF RECORD.**--March 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 1998 TO SEPTEMBER 1999**

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	13.02	JAN 27	8.75	APR 28	9.30	JUL 28	13.00
NOV 24	12.77	FEB 23	7.96	MAY 26	10.27	AUG 24	13.41
DEC 28	12.52	MAR 29	6.45	JUN 29	10.90	SEP 22	12.50
WATER YEAR 1999		HIGHEST	6.45	MAR 29, 1999	LOWEST	13.41	AUG 24, 1999



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.

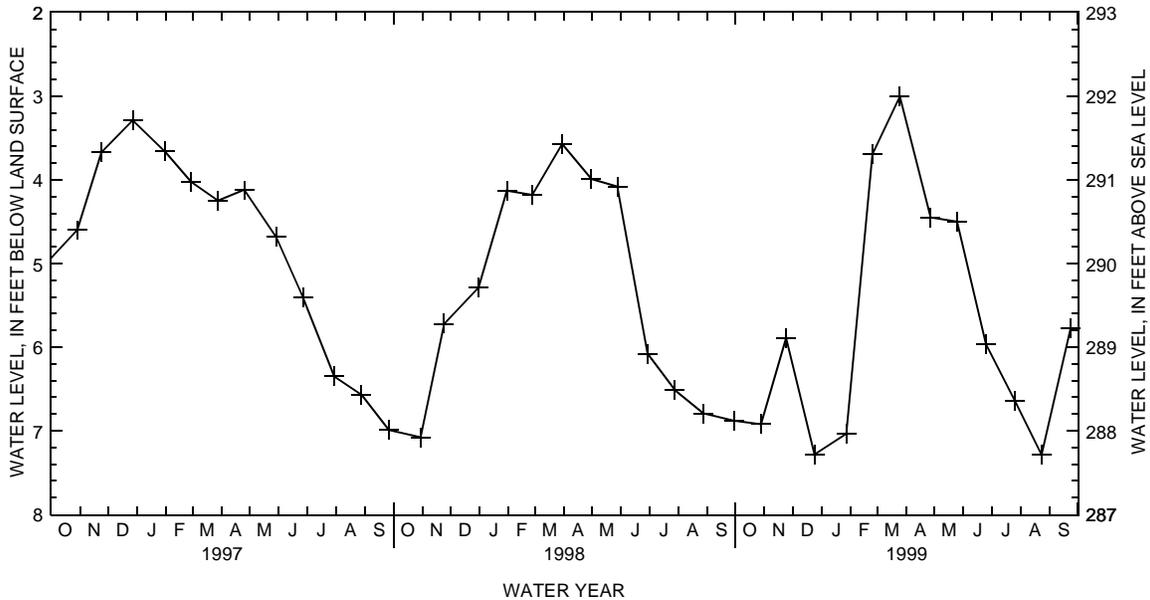
PERIOD OF RECORD.--December 1992 to current year.

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 1998 TO SEPTEMBER 1999

WATER LEVEL	WATER LEVEL	WATER LEVEL	WATER LEVEL
OCT 28 6.92	JAN 27 7.03	APR 27 4.45	JUL 26 6.65
NOV 24 5.89	FEB 24 3.69	MAY 25 4.50	AUG 23 7.29
DEC 24 7.28	MAR 25 3.00	JUN 25 5.97	SEP 23 5.78
WATER YEAR 1999	HIGHEST 3.00 MAR 25, 1999	LOWEST 7.29	AUG 23, 1999

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.

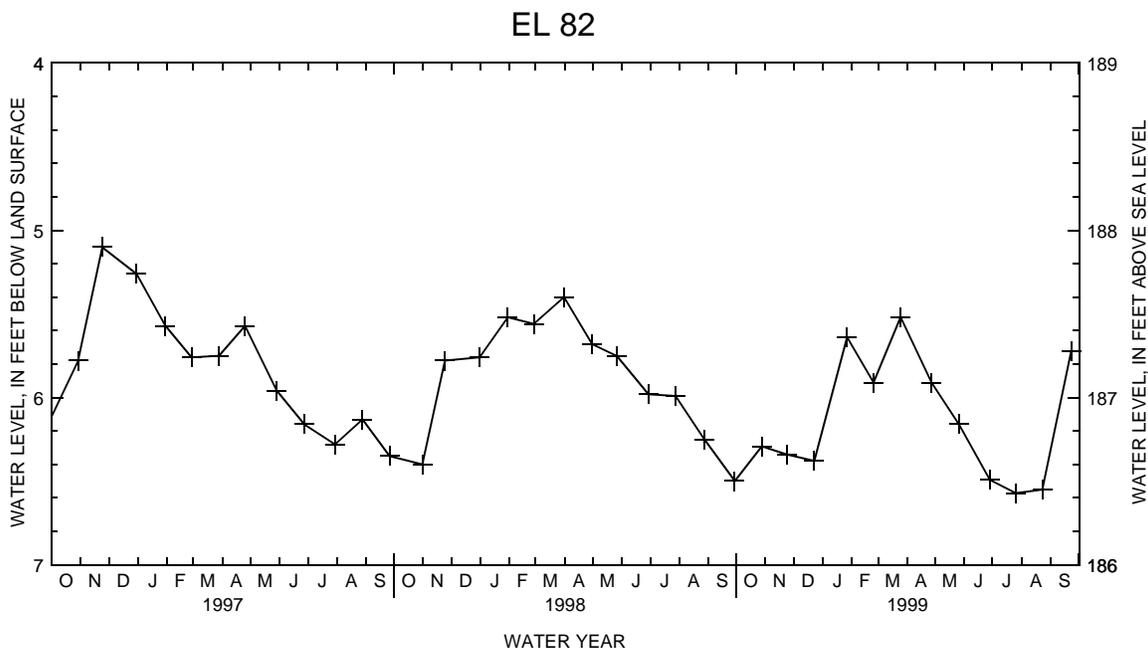
Measuring point: Top of steel protective casing 2.53 ft above land-surface datum.

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, 8.35 ft below land-surface datum, May 11, 1987.

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

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 28	6.29	JAN 27	5.64	APR 27	5.98	JUL 26	6.57
NOV 24	6.34	FEB 24	5.91	MAY 26	6.16	AUG 23	6.55
DEC 23	6.38	MAR 25	5.52	JUN 28	6.49	SEP 23	5.72
WATER YEAR 1999	HIGHEST	5.52	MAR 25, 1999	LOWEST	6.57	JUL 26, 1999	



GROUND-WATER LEVELS

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 December 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.

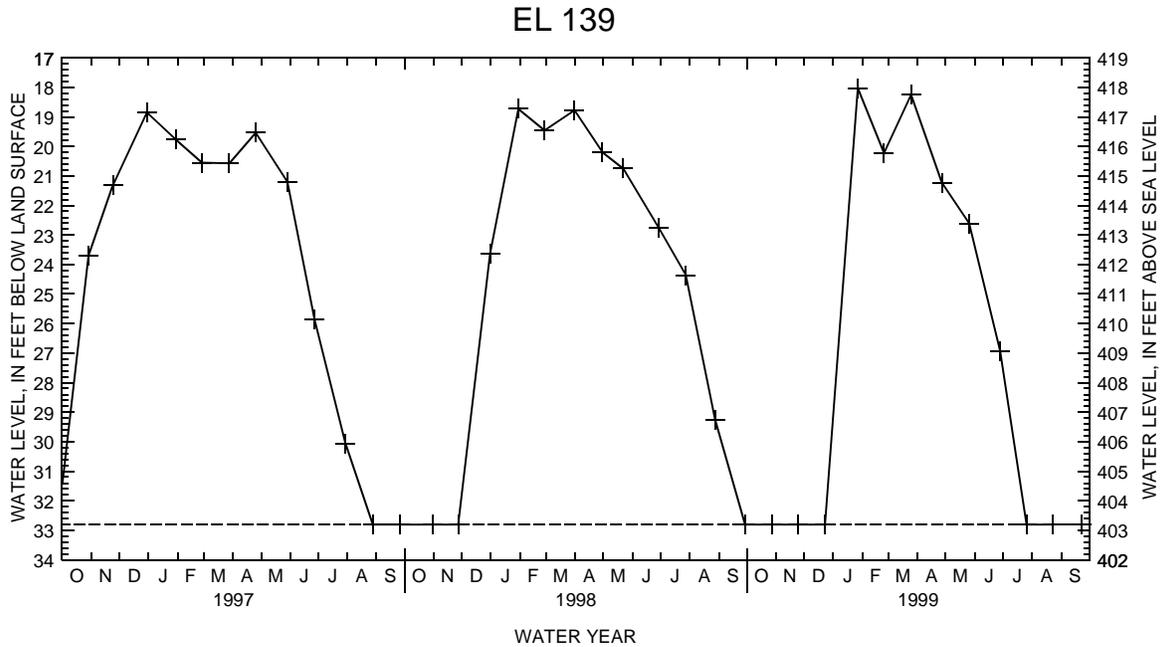
DATUM.--Elevation of land-surface datum is 436 ft above sea level, from topographic map.  
Measuring point: Top of steel protective casing 1.56 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.02 ft below land-surface datum, January 27, 1999; 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 1998 TO SEPTEMBER 1999

WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 28	dry	JAN 27	18.02	APR 27	21.22	JUL 26	dry
NOV 24	dry	FEB 24	20.21	MAY 26	22.61	AUG 23	dry
DEC 23	dry	MAR 25	18.24	JUN 28	26.93	SEP 23	dry
WATER YEAR 1999		HIGHEST	18.02	JAN 27, 1999	LOWEST	26.93	JUN 28, 1999



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 December 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 380 ft above sea level, from topographic map.

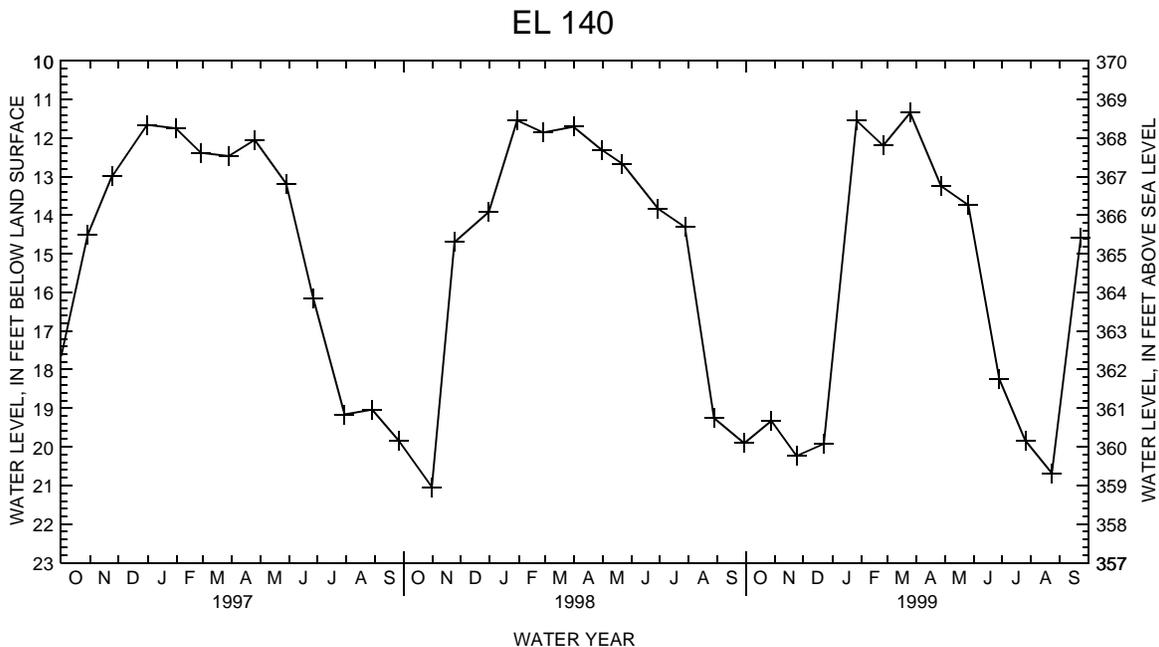
Measuring point: Top of steel protective casing 2.36 ft above land-surface datum.

PERIOD OF RECORD.--December 1993 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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 28	19.32	JAN 27	11.55	APR 27	13.24	JUL 26	19.84
NOV 24	20.23	FEB 23	12.19	MAY 26	13.74	AUG 23	20.68
DEC 23	19.92	MAR 25	11.34	JUN 28	18.24	SEP 23	14.57
WATER YEAR 1999	HIGHEST	11.34	MAR 25, 1999	LOWEST	20.68	AUG 23, 1999	



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 21.3 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.

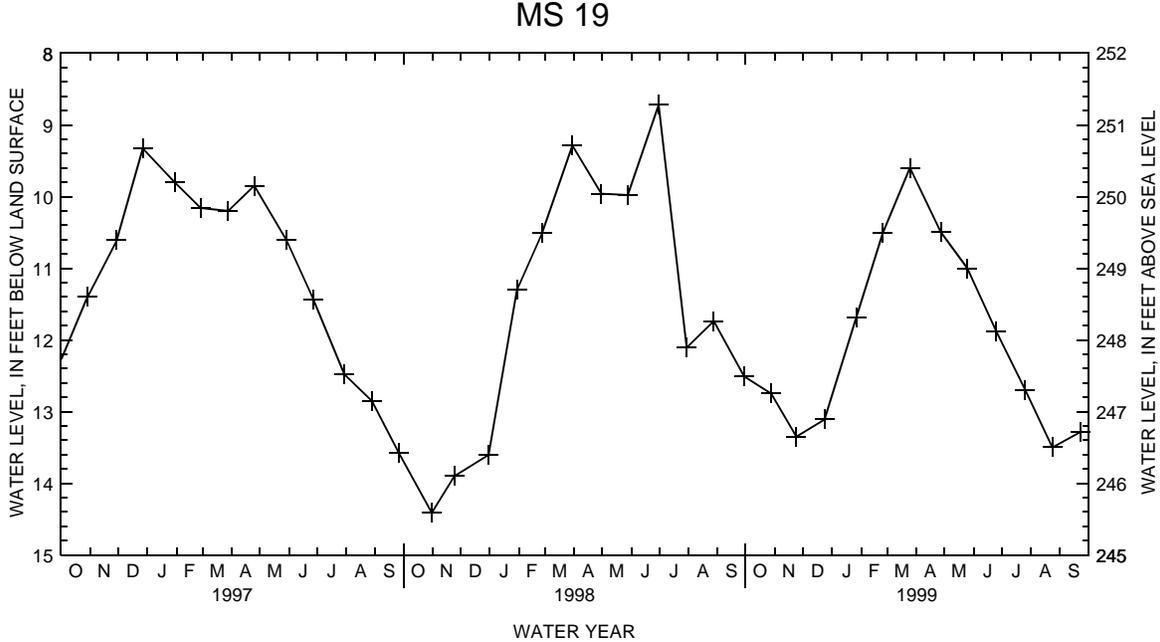
DATUM.--Elevation of land-surface datum is 260 ft above sea level, from topographic map.  
Measuring point: Top of tile, east side at land-surface datum.

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 1998 TO SEPTEMBER 1999

WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 28	12.75	JAN 27	11.68	APR 27	10.50	JUL 26	12.70
NOV 24	13.35	FEB 24	10.51	MAY 25	11.00	AUG 24	13.50
DEC 24	13.11	MAR 25	9.60	JUN 25	11.88	SEP 23	13.28
WATER YEAR 1999		HIGHEST	9.60	MAR 25, 1999	LOWEST	13.50	AUG 24, 1999



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; Mansfield; Coventry quadrangle.

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.

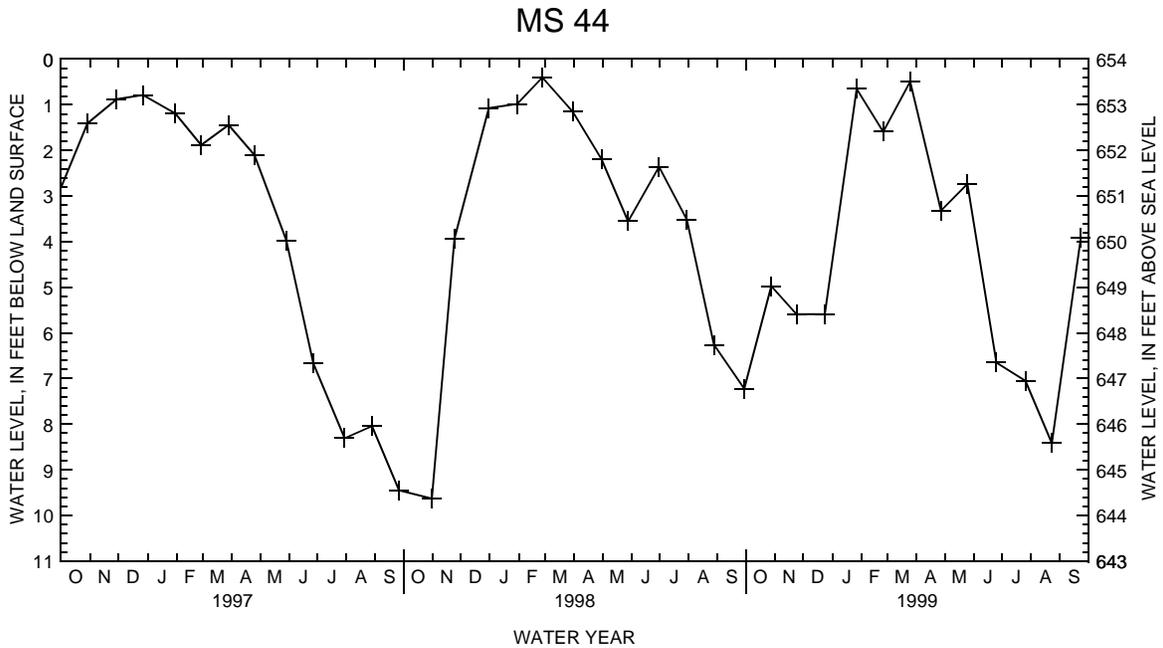
Measuring point: Top of steel protective casing, 1.20 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 28	4.97	JAN 27	.65	APR 27	3.32	JUL 26	7.05
NOV 24	5.59	FEB 24	1.59	MAY 25	2.73	AUG 23	8.42
DEC 24	5.59	MAR 25	.48	JUN 25	6.65	SEP 23	3.91
WATER YEAR 1999	HIGHEST	.48	MAR 25, 1999	LOWEST	8.42	AUG 23, 1999	



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 16.9 to 18.4 ft.

INSTRUMENTATION.--From July 1987 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.

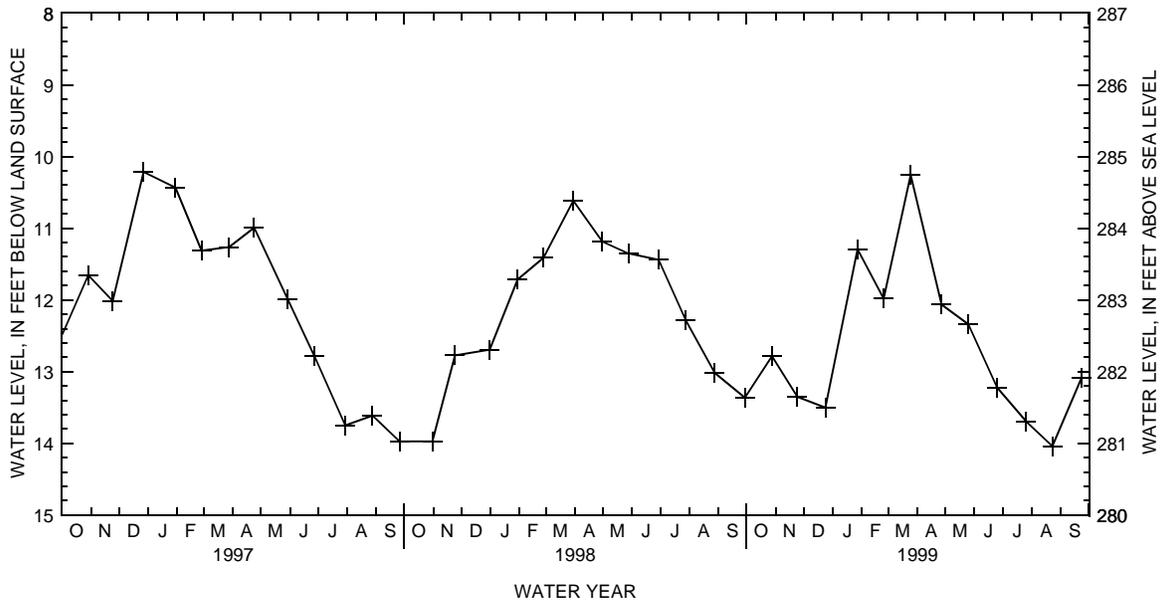
PERIOD OF RECORD.--July 1987 to current year.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 28	12.78	JAN 27	11.29	APR 27	12.06	JUL 26	13.69
NOV 24	13.35	FEB 24	11.98	MAY 25	12.33	AUG 23	14.04
DEC 24	13.50	MAR 25	10.25	JUN 25	13.22	SEP 23	13.09
WATER YEAR 1999		HIGHEST	10.25	MAR 25, 1999		LOWEST	14.04
							AUG 23, 1999

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 July 1987 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.

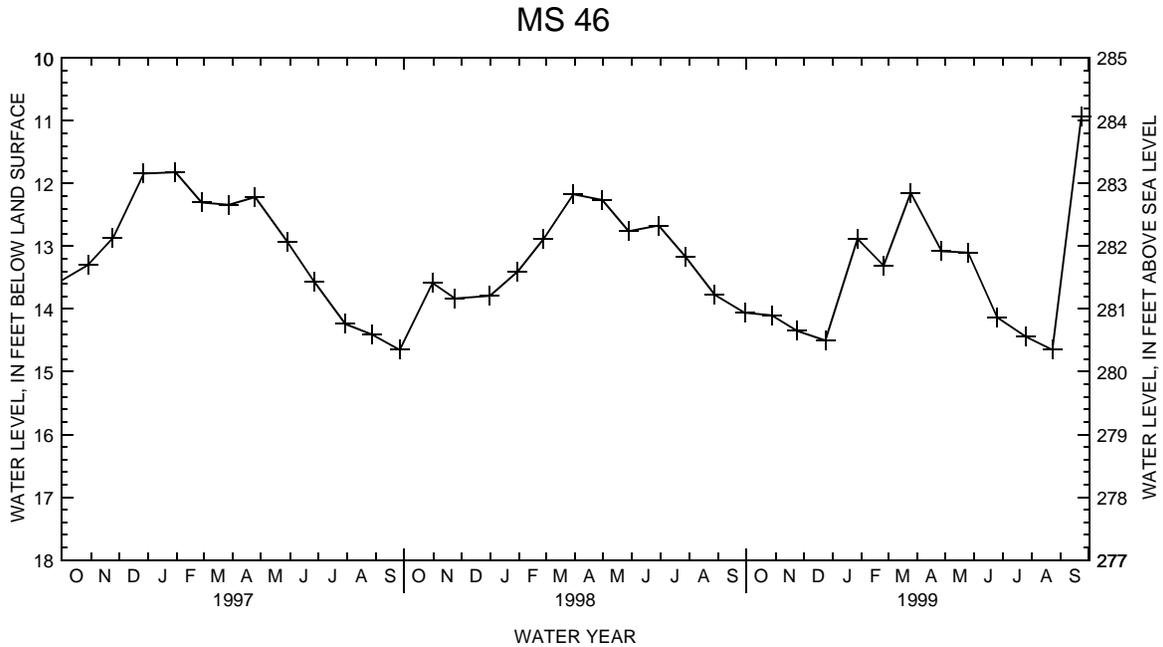
DATUM.--Elevation of land-surface datum is 295 ft above sea level, from topographic map. Measuring point: Top of PVC casing, 2.10 ft above land-surface datum.

PERIOD OF RECORD.--July 1987 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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 28	14.10	JAN 27	12.88	APR 27	13.08	JUL 26	14.44
NOV 24	14.35	FEB 24	13.31	MAY 25	13.10	AUG 23	14.65
DEC 24	14.50	MAR 25	12.15	JUN 25	14.13	SEP 23	10.93
WATER YEAR 1999	HIGHEST	10.93	SEP 23, 1999	LOWEST	14.65	AUG 23, 1999	



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.

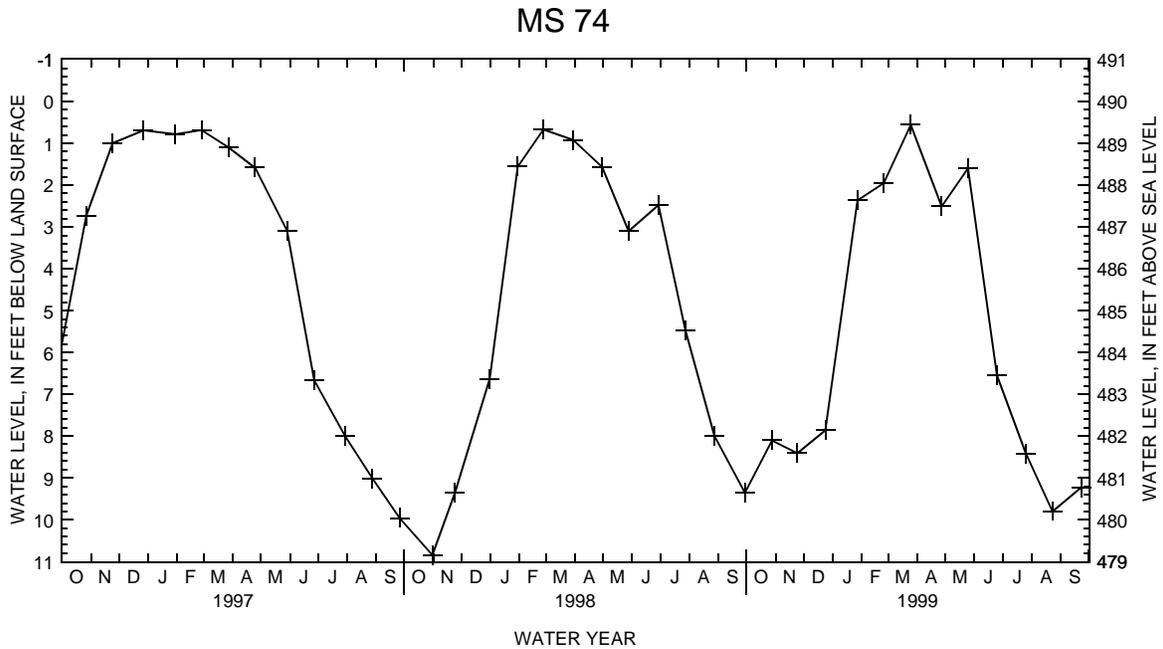
PERIOD OF RECORD.--December 1992 to current year.

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 1998 TO SEPTEMBER 1999

WATER LEVEL	WATER LEVEL	WATER LEVEL	WATER LEVEL
OCT 28 8.10	JAN 27 2.36	APR 27 2.50	JUL 26 8.42
NOV 24 8.41	FEB 24 1.95	MAY 25 1.59	AUG 23 9.80
DEC 24 7.86	MAR 25 .55	JUN 25 6.55	SEP 23 9.22
WATER YEAR 1999 HIGHEST .55 MAR 25, 1999	LOWEST 9.80 AUG 23, 1999		

(READINGS ABOVE LAND SURFACE INDICATED BY "+")



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.

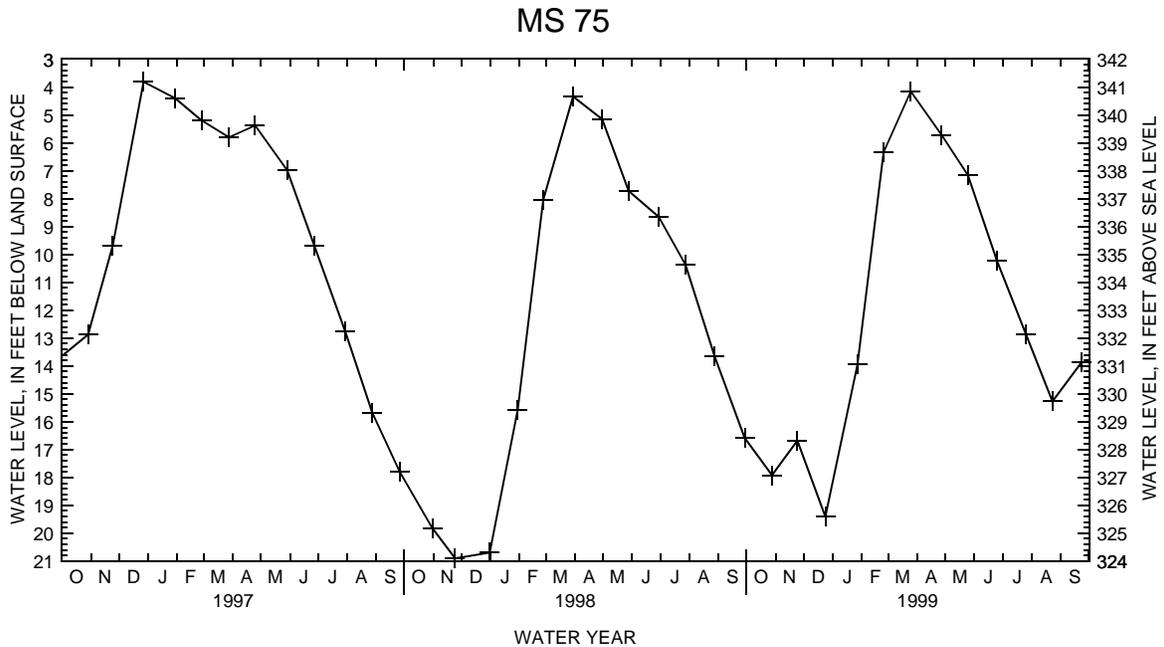
Measuring point: Top of PVC casing, 2.18 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 28	17.92	JAN 27	13.94	APR 27	5.71	JUL 26	12.87
NOV 24	16.67	FEB 24	6.32	MAY 25	7.16	AUG 23	15.27
DEC 24	19.40	MAR 25	4.15	JUN 25	10.23	SEP 23	13.87
WATER YEAR 1999	HIGHEST	4.15	MAR 25, 1999	LOWEST	19.40	DEC 24, 1998	



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 330 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.

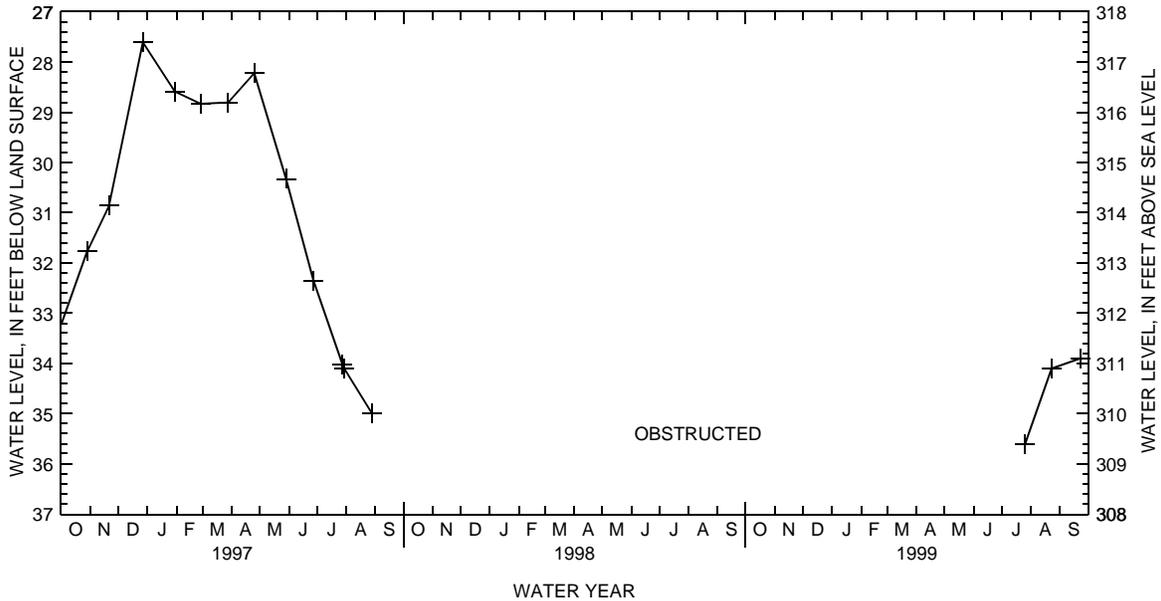
PERIOD OF RECORD.--December 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.58 ft below land-surface datum, October 31, 1997; 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 1998 TO SEPTEMBER 1999

WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 28	obstructed	JAN 27	obstructed	APR 29	obstructed	JUL 26	35.60
NOV 24	obstructed	FEB 24	obstructed	MAY 27	obstructed	AUG 23	34.10
DEC 24	obstructed	MAR 25	obstructed	JUN 25	obstructed	SEP 23	33.90
WATER YEAR 1999		HIGHEST	33.90	SEP 23, 1999	LOWEST	35.60	JUL 26, 1999

MS 76



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.

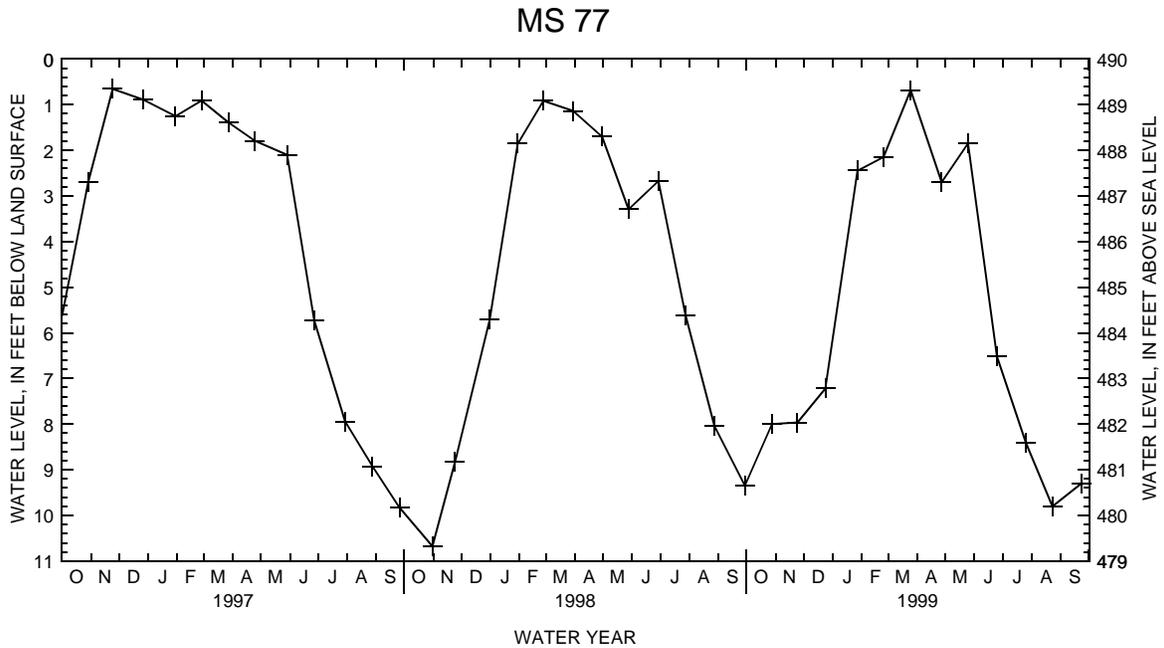
DATUM.--Elevation of land-surface datum is 490 ft above sea level, from topographic map. Measuring point: Top of steel protective casing, 3.00 ft above land-surface datum.

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 1998 TO SEPTEMBER 1999

WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL	
OCT 28	8.00	JAN 27	2.44	APR 27	2.69	JUL 26	8.41
NOV 24	7.96	FEB 24	2.14	MAY 25	1.84	AUG 23	9.80
DEC 24	7.22	MAR 25	.68	JUN 25	6.52	SEP 23	9.30
WATER YEAR 1999		HIGHEST	.68	MAR 25, 1999	LOWEST	9.80	AUG 23, 1999



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.

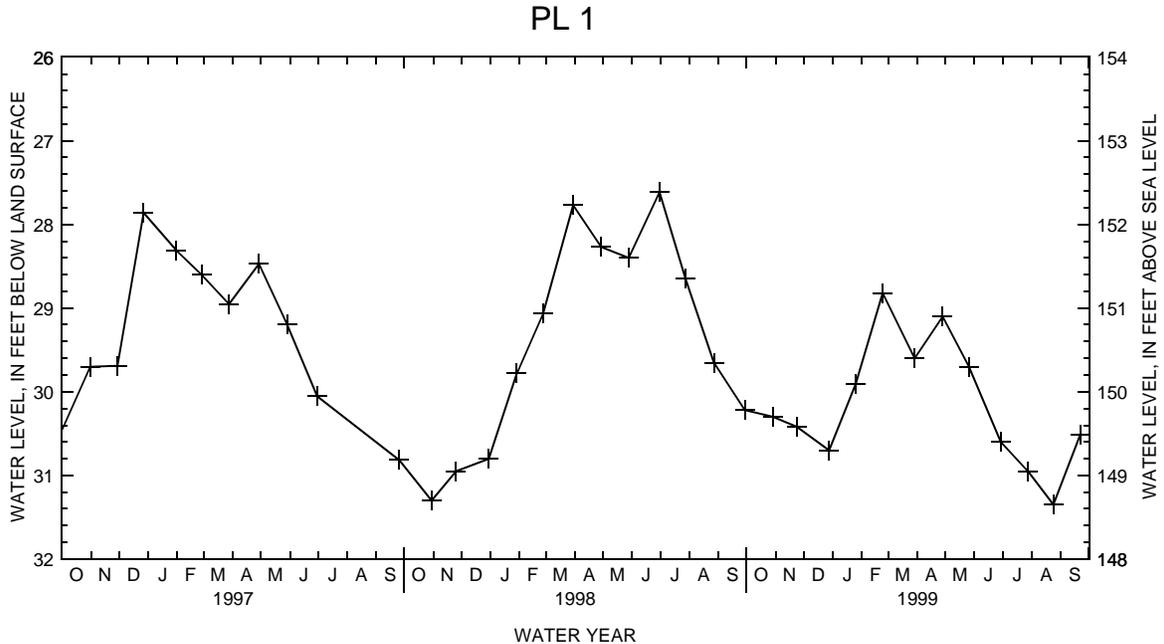
REMARKS.--Water levels affected by use of well for irrigation during July and August, 1997.

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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	30.30	JAN 25	29.91	APR 28	29.10	JUL 28	30.95
NOV 24	30.42	FEB 23	28.82	MAY 26	29.70	AUG 24	31.35
DEC 28	30.70	MAR 29	29.60	JUN 29	30.60	SEP 22	30.51
WATER YEAR 1999	HIGHEST	28.82	FEB 23, 1999	LOWEST	31.35	AUG 24, 1999	



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 Department of Environmental Protection.

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.

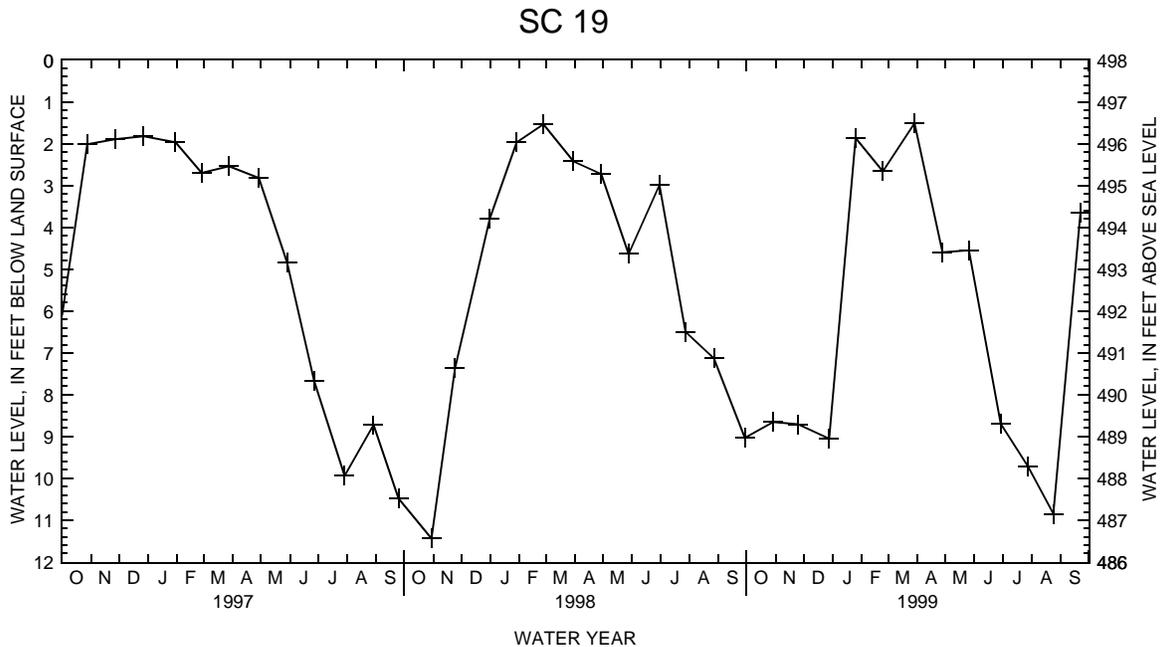
DATUM.--Elevation of land-surface datum is 498 ft above sea level, from topographic map. Measuring point: Top of PVC coupling 1.28 ft above land-surface datum.

PERIOD OF RECORD.-- December 1983 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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	8.66	JAN 25	1.87	APR 28	4.60	JUL 29	9.72
NOV 25	8.71	FEB 23	2.66	MAY 26	4.55	AUG 24	10.85
DEC 28	9.05	MAR 29	1.50	JUN 29	8.70	SEP 22	3.66
WATER YEAR 1999	HIGHEST	1.50	MAR 29, 1999	LOWEST	10.85	AUG 24, 1999	



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 Department of Environmental Protection.

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.

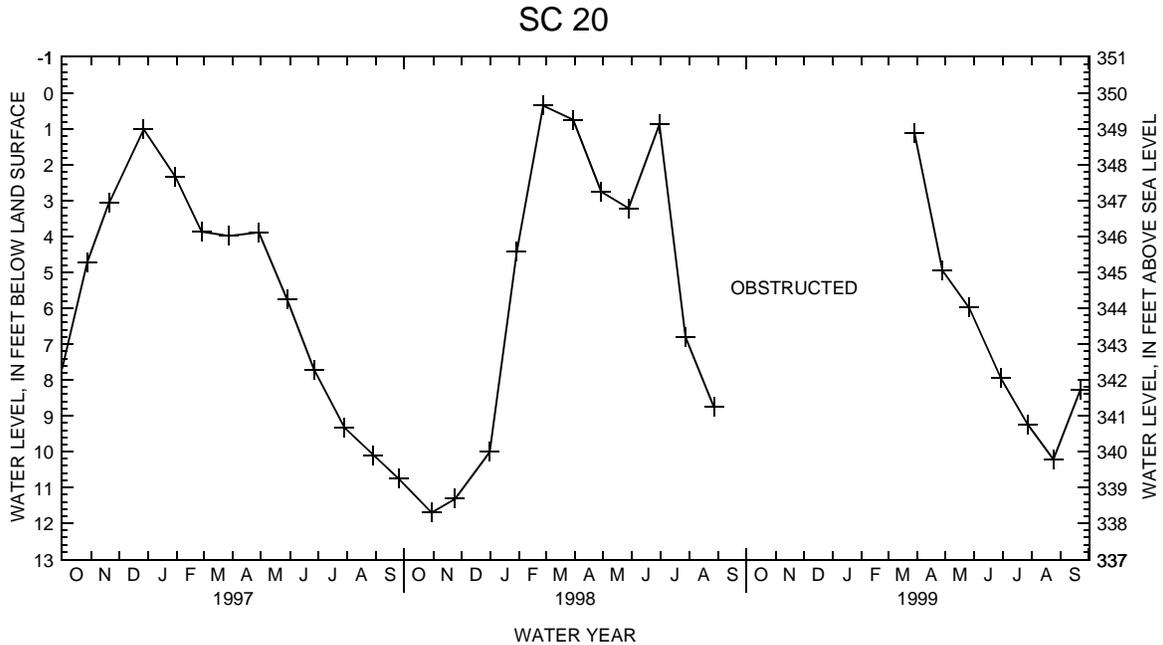
PERIOD OF RECORD.--December 1983 to current year.

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 1998 TO SEPTEMBER 1999

WATER LEVEL	WATER LEVEL	WATER LEVEL	WATER LEVEL
OCT 29 obstructed	JAN 25 obstructed	APR 28 4.95	JUL 29 9.25
NOV 25 obstructed	FEB 23 obstructed	MAY 26 5.98	AUG 24 10.22
DEC 28 obstructed	MAR 29 1.10	JUN 29 7.95	SEP 22 8.27
WATER YEAR 1999	HIGHEST 1.10 MAR 29, 1999	LOWEST 10.22	AUG 24, 1999

(READINGS ABOVE LAND SURFACE INDICATED BY "+")



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 Department of Environmental Protection.

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.

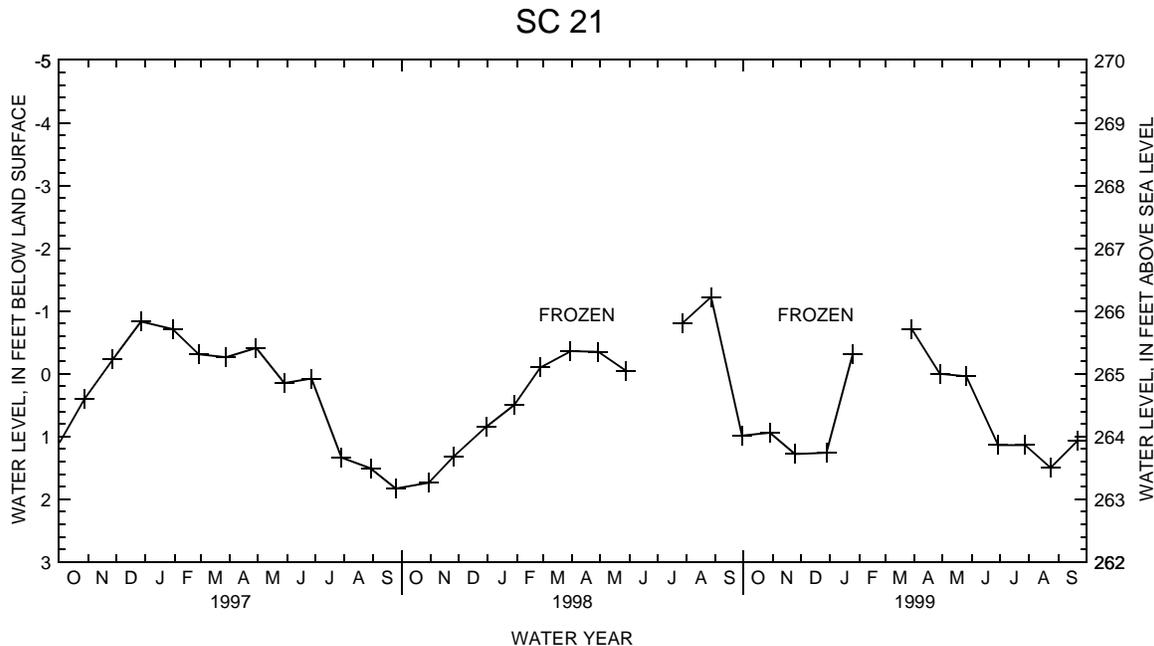
PERIOD OF RECORD.--December 1983 to October 1990 and August 1993 to current year.

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 1998 TO SEPTEMBER 1999

WATER LEVEL	WATER LEVEL	WATER LEVEL	WATER LEVEL
OCT 29 .94	JAN 25 +.32	APR 29 .00	JUL 29 1.14
NOV 25 1.28	FEB 23 frozen	MAY 26 .04	AUG 24 1.50
DEC 28 1.26	MAR 29 +.71	JUN 29 1.14	SEP 22 1.07
WATER YEAR 1999	HIGHEST +.71 MAR 29, 1999	LOWEST 1.50	AUG 24, 1999

(READINGS ABOVE LAND SURFACE INDICATED BY "+")



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 Department of Environmental Protection.

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.

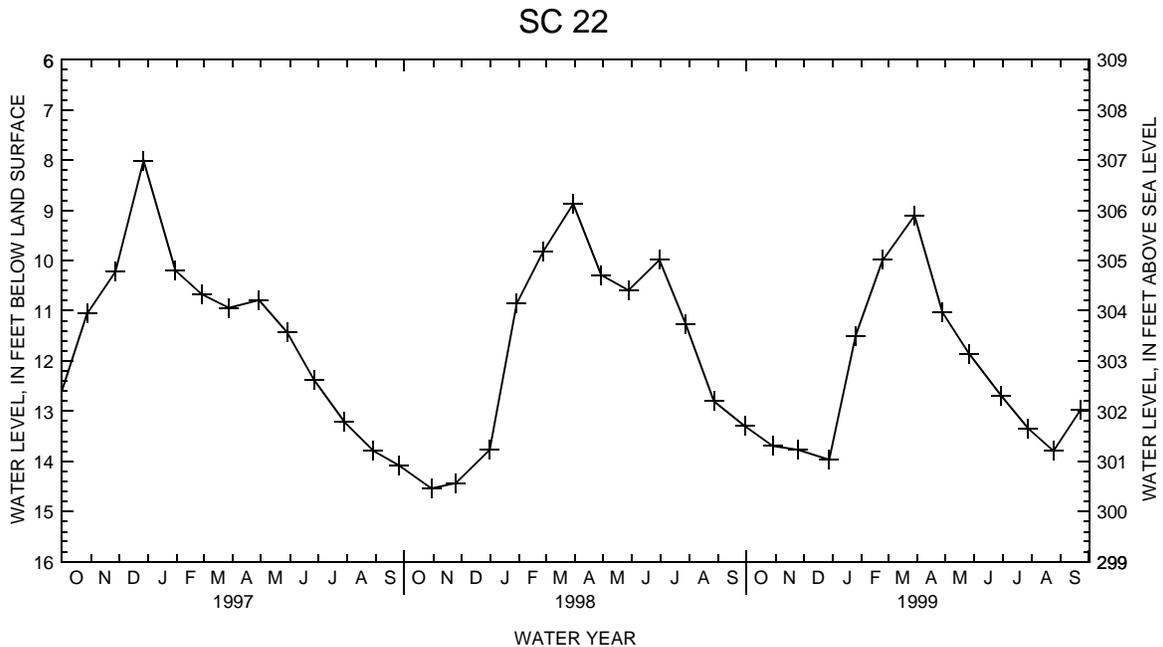
Measuring point: Top of steel protective casing, 2.11 ft above land-surface datum.

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, 16.00 ft below land-surface datum, October 2, 1984.

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

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	13.70	JAN 25	11.50	APR 29	11.04	JUL 29	13.34
NOV 25	13.77	FEB 23	9.99	MAY 26	11.86	AUG 24	13.79
DEC 28	13.97	MAR 29	9.10	JUN 29	12.69	SEP 22	12.97
WATER YEAR 1999	HIGHEST	9.10	MAR 29, 1999	LOWEST	13.97	DEC 28, 1998	



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 Department of Environmental Protection.

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 December 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 265 ft above sea level, from topographic map.

PERIOD OF RECORD.--December 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 1998 TO SEPTEMBER 1999

	WATER LEVEL		WATER LEVEL		WATER LEVEL		WATER LEVEL
OCT 29	2.14	JAN 25	.26	APR 29	2.05	JUL 29	2.67
NOV 25	2.60	FEB 23	obstructed	MAY 26	1.79	AUG 24	2.95
DEC 28	2.18	MAR 29	1.24	JUN 29	2.65	SEP 22	2.34
WATER YEAR 1999	HIGHEST	.26	JAN 25, 1999	LOWEST	2.95	AUG 24, 1999	

(READINGS ABOVE LAND SURFACE INDICATED BY "+")

