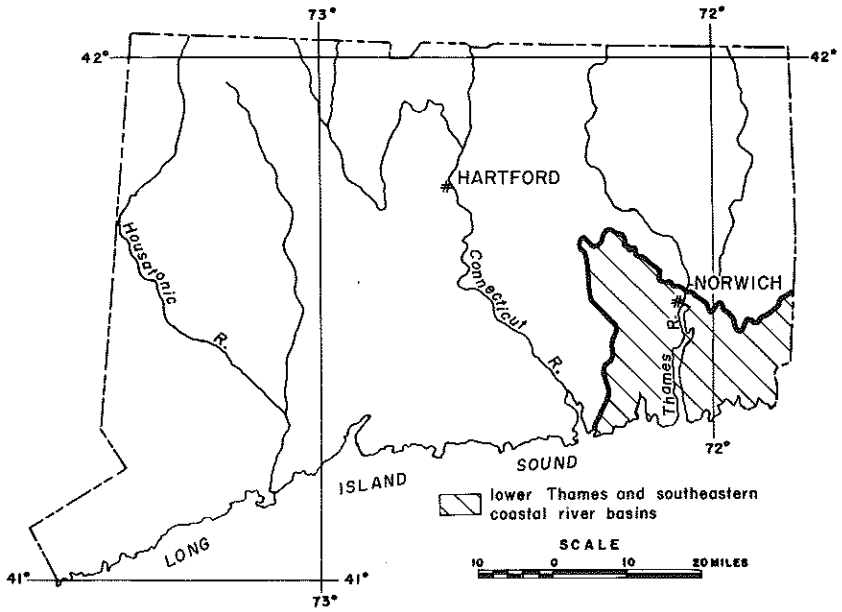
STATE OF CONNECTICUT
WATER RESOURCES COMMISSION

HYDROGEOLOGIC DATA FOR THE LOWER THAMES and SOUTHEASTERN COASTAL RIVER BASINS, CONNECTICUT

By
Michael A. Cervione, Jr., Engineer,
I. G. Grossman, Geologist,
and
Chester E. Thomas, Jr., Hydrologist
U.S. Geological Survey



Prepared by the
U.S. Geological Survey
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INTRODUCTION

This report presents hydrologic and geologic data collected by the U.S. Geological Survey during an investigation of water resources in the lower Thames and southeastern coastal river basins in cooperation with the Connecticut Water Resources Commission. The report area occupies about 440 square miles in the southeastern part of the State; it includes about 5 square miles in southwestern Rhode Island. It includes the towns of Bozrah, Groton, Ledyard, Montville, New London, Stonington, and Waterford, and parts of Columbia, Colchester, East Lyme, Franklin, Lebanon, North Stonington, Norwich, Old Lyme, Preston, Salem, and Voluntown. A companion interpretive report, Connecticut Water Resources Bulletin No. 15, (Thomas and others, in preparation), evaluates the water resources of the area. The data on the following pages serve to document and supplement that report and should be especially useful in planning the development of water resources at specific localities.

Data were collected as part of this investigation from 1963 to 1965. Streamflow records from continuous-record gaging stations in the report area for this period have been published annually along with data from other parts of the State in a series of U.S. Geological Survey reports entitled "Surface Water Records of Connecticut." Water-level measurements in wells throughout the State from 1960 through 1966, including those made as part of this investigation, are published in Connecticut Water Resources Bulletin No. 7 (Meikle and Baker, 1965) and Connecticut Water Resources Bulletin No. 13 (Meikle, 1967). Most other data collected during this investigation are tabulated on the following pages. Included are some previously unpublished data collected prior to the start of this study.

The locations of sites at which data were collected are shown on Plate A in the pocket at the back of the report. Plate A includes the locations of 42 miscellaneous sites where measurements of streamflow were made during 1963 and 1964 and 6 other sites where continuous records are maintained. Data for 25 of the 42 miscellaneous sites are included in this report: data for the remaining 17 miscellaneous sites and for 5 of the 6 continuous-record sites have already been published in "Surface Water Records of Connecticut." Streamflow records for Pawcatuck River at Westerly, Rhode Island have been previously published in "Surface Water Records of Massachusetts, New Hampshire, Rhode Island, and Vermont."

Data presented, unless otherwise noted, were collected by U.S. Geological Survey personnel.

PRESENTATION OF GROUND-WATER DATA

Most of the data contained in tables 1 thru 4 were collected during the period 1963-65. The data include records of about 740 wells, records of 5 springs, and logs of 229 wells and test holes. In some cases the depth of a well in table 1 differs slightly from the depth shown in table 3 because (a) the log may show the maximum depth penetrated before the well was finished at a shallower depth (b) the well may have filled in slightly when measured or (c) any one of several wells in a cluster may have been selected for a representative log. The data are being published in this form as a supplement to the companion report.

WELL- AND SPRING-NUMBERING AND LOCATION SYSTEMS

In Connecticut, each well and test hole inventoried by the U.S. Geological Survey has been numbered in a sequence based on the town in which it is located. A separate sequence of serial numbers beginning with 1 is used in each town, and prefix letters are used to designate the town name. In the following tables, wells and test holes are arranged alphabetically by town name and by serial number. On plate A, only the serial number appears beside the symbol of the well or test hole it represents; the prefix letters were omitted because town names and boundaries are shown on the map. Suffix letters "th" indicate test holes. Springs are numbered similarly, beginning with 1 in each town; the suffix "sp" follows the serial numbers to distinguish them from well or test hole numbers.

To aid in locating wells, test borings, and springs on the map, a location system based on latitude and longitude is used. Following the well number in each table is a 13-digit number. The first 6 digits are the degrees, minutes, and seconds of latitude at the site of the well, spring or test hole, followed by the letter N to indicate north latitude; the next 6 digits are the degrees, minutes, and seconds of longitude. These digits define a tract of land having dimensions of one second of latitude and longitude, or approximately 100 x 75 feet. The last digit, following the decimal place, indicates whether the well referred to is the 1st, 2nd, 3rd, etc. well inventoried within this 1-second rectangle. The use of this system is illustrated in figure 1 for well Bz 1, located at Gilman in the northwest section of the study area. A 5-minute grid is printed on plate A, to provide a basis for scaling the locations of wells and borings.

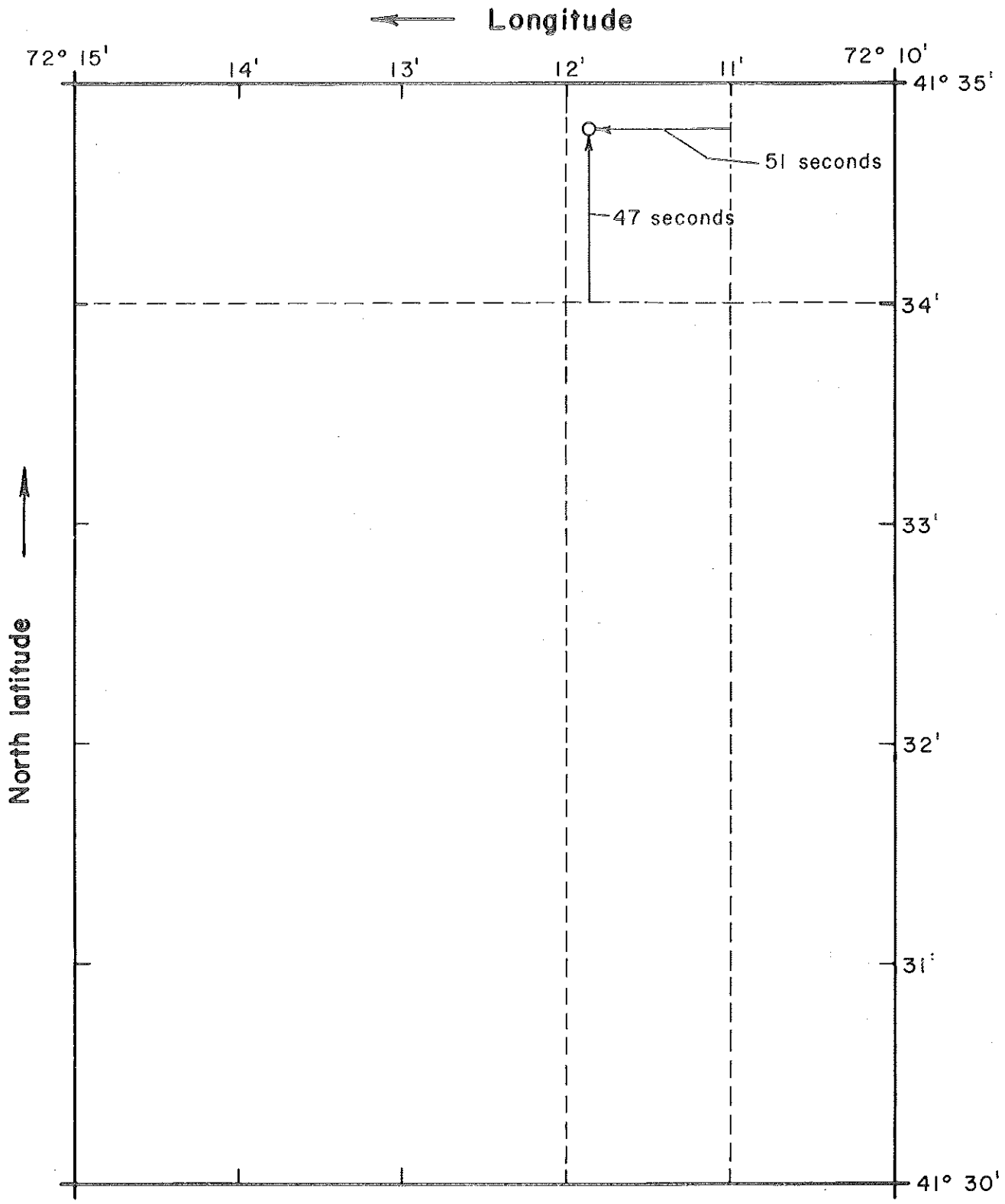

Figure 1 - Sketch illustrating location of well Bz 1 (table 1). The location number is 413447N721151.1.

PRESENTATION OF SURFACE-WATER DATA

Partial records of streamflow were collected at 33 gaging stations within the report area. At these gaging stations, from 3 to 17 discharge measurements and from 6 to 46 stage measurements were made from 1960 to 1964. Stages were measured corresponding to the discharges measured, and the relationship between stage and discharge was used to compute discharge at times when only the stage was measured. Table 5 presents the complete list of discharge determinations for all partial-record gaging-stations.

From 1 to 3 discharge measurements, made at 25 miscellaneous sites during 1963 and 1964, are listed in table 6.

NUMBERING SYSTEM FOR STATIONS ON STREAMS

An indentification number has been assigned to each location where regular measurements of streamflow and determinations of water quality have been made. The numbers assigned conform with the standard downstream order of listing stream-gaging stations used by the U.S. Geological Survey. To further aid the reader in locating a stream-gaging site, the indentification number is followed by the name of the stream and the name of the nearest community.

PRESENTATION OF QUALITY-OF-WATER DATA

All chemical analyses listed in the tables 7 thru 10 in this report were made by the U.S. Geological Survey at the laboratory in Albany, New York, except where otherwise noted. Samples were analyzed according to the methods regularly used by the Geological Survey. These methods are described in "Methods for Collection and Analysis of Water Samples," U.S. Geological Survey Water-Supply Paper 1454 (Rainwater and Thatcher, 1960).

Concentrations of silica, iron, manganese, calcium, magnesium, sodium, potassium, bicarbonate, sulfate, chloride, fluoride, nitrate, phosphate, dissolved solids, dissolved oxygen, ABS, and turbidity are reported in parts per million. ABS refers to alkyl benzene sulfonate, a typical anionic surfactant which is the principal ingredient of "hard" household detergents. The dissolved-solids concentrations shown in the tables of this report represent the residue obtained by evaporating a clear sample of water and drying the residue at 180°C for 1 hour. The hardness of water is reported as parts per million calcium carbonate ($CaCO_3$).

The physical, chemical, and bacterial quality of drinking water in the United states is now judged in relation to the U.S. Public Health Service Drinking Water Standards of 1962. A statement of the 1962 standards is contained in Public Health Service Publication No. 956. The USPHS standards apply only to drinking water and water-supply systems used by interstate carriers and others subject to Federal Quarantine Regulations. However, these standards have been voluntarily accepted by the American Water Works Association and the Connecticut State Department of Health as criteria for all public water supplies. The recommended upper limits for the common chemical constituents are shown at the top of the tables of analyses in this report.

For samples collected from streams, the rate of flow at the time of collection and the relation of that flow to average discharge at the site are given with the analysis if such data are available.

Quality-of-water collection sites shown on plate A are numbered according to the numbering system for ground-water stations explained on page 3 and the numbering system for surface-water stations explained on page 5.

SELECTED REFERENCES

The following publications provide basic data and background information on the methods for collecting, analyzing, and evaluating hydrogeologic data:

Corbett, D. M., and others, 1943, Stream-gaging procedure, a manual describing methods and practices of the Geological Survey: U.S. Geol. Survey Water-Supply Paper 888, 245 p.

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Meikle, R. L., and Baker, J. A., 1965, Ground-water levels in Connecticut, 1960-1964: Connecticut Water Resources Bull. No. 7, 26 p.

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U. S. Geological Survey, issued annually 1963-64, Surface water records of Connecticut.

U.S. Public Health Service, 1962, Drinking water standards, 1962: U.S. Public Health Service Publ. 956, 61 p.

Works Progress Administration for Connecticut, 1938, Records of wells, springs, and ground-water levels in the towns of Colchester, East Haddam, East Hampton, East Lyme, Lyme, New London, Old Lyme, and Waterford, Connecticut: Connecticut Ground Water Survey Bull. GW-5, 314 p.

Table 1.--Records of wells

(Test holes are in table 4)

Well no.: See text for explanation of numbering system.
Location: See text for explanation of location system.
Altitude: Estimated from topographic map, contour interval 10 feet.
Type of well: Drl, drilled, Drv, driven; Jet, jetted.
Depth below land surface: Reported depths are to nearest ft; depths measured by U.S. Geological Survey are to nearest tenth of a ft.
Static water level: Reported water levels are in feet, water levels measured by U.S. Geological Survey are in feet and tenths.

Use: Agr, agricultural; Com, commercial; Dom, domestic; Ind, industrial; Inst, institutional; None, not in use when visited; Obs, observation; PS, public supply; Test, test well.
Remarks: C, chemical analysis in table 7 ; gpm, gallons per minute; gpd, gallons per day; L, log in table 3 ; T, temperature in degrees Fahrenheit measured by the U.S. Geological Survey.

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Bozrah								
Bz 1	413447N721151.1	Gilman Brothers Co., Inc.	1963	240	Drl	300	8	0-38	28	Bedrock	25	-63	15	125	8	0.12	Ind	Supplies about 1,000 gpd. Yantic River water used for cooling. C.
Bz 2	413449N721150.1	do	1900±	290	Dug	12.0	96	0-12	--	Till	2.5	2-26-64	4+	--	--	--	Ind	Dry for first time in 1963. U.S.G.S. observation well. T.51° 10-30-64. C.
Bz 3	413350N720923.1	Rose-Maid Poultry, Inc.	1900?	160	Drl	365	10	0- 7	4	Bedrock	17.8	4- 3-64	10	--	--	--	Agr	Supplies about 6,000 gpd for 100,000 chickens and washing.
Bz 4	413442N721157.1	Lawrence Gilman	1963	220	Drl	149	8	0-31	24	Bedrock	6	-63	8	109	4+	.07	Dom	Supplies 2 families.
Bz 5	413016N720833.1	Theodore Sage	1957	110	Dug	13.0	30	0-14±	--	Sand and gravel	4.1	4-22-65	150±	10±	2-3	15.0±	Dom	Well dewatered at rate of 300± gpm when 20 ft in diameter during construction. Yield and specific capacity corrected for pumping from storage in well. L.
Bz 6	413019N720833.1	Perry and Ruth White	1955	122	Drl	66	6	0-66	--	Sand and gravel	18	-55	7+	5±	6-7	1.5±	Dom	Capacity estimated to be 50± gpm. Well supplying church about 100 ft north taps bedrock and yields 2± gpm. L.
Bz 7	413404N720920.1	Wirthmore Feeds, Inc.	1965	175	Drl	225	6	0-25	18	Bedrock	12	8- 5-65	12	213	--	.06	Com	
										Town of Colchester								
Co 214	413429N721655.1	J. Busel		380	Drl	219	--	--	--	Bedrock	18	10-25-37	--	--	--	--	--	C.
Co 255	413238N721731.1	S. McDonald		580	Dug	13	--	--	--	Till	5	10-29-37	--	--	--	--	--	C.
Co 269	413547N721817.1	S. Stefanowicz		525	Drl	104	6?	--	20?	Bedrock	18		6	--	--	--	Dom	
Co 286	413202N721515.1			490	Drl	230	--	--	--	Bedrock	--		--	--	--	--	--	C.
Co 312	413428N721645.1	Mr. Dundun		350	Drl	126	6	--	20	Bedrock	1	3- 1-61	12	80	1	.15	Dom	High iron content. C.
Co 314	413229N721422.1	Joseph Polzer		428	Dug	22	30	--	19	Till and Bedrock	14.1	6-17-64	--	--	--	--	Dom	Blasted 3 ft into bedrock. Failed once in 10 years.
										Town of East Lyme								
ELy 3	412213N721316.1	W. Cook	1956	95	Drl	62	6¼	0-14	12	Bedrock	8	9-25-56	5	--	--	--	Dom	
ELy 4	412012N721255.1	W. Bralley	1956	100	Drl	160	6	0-22	7	Bedrock	9	8-23-56	1.5	151	3/4	.01	Dom	
ELy 5	411914N721348.1	R. Reincke	1956	82	Drl	73	6¼	0- 9	5	Bedrock	22	11-21-56	4	--	--	--	Dom	
ELy 6	411858N721215.1	R. Fagan	1957	22	Drl	172	6	0-43	15	Bedrock	25	8- 7-57	5	95	3	.05	Dom	
ELy 7	411712N721231.1	Mr. Hall	1956	20	Drl	150	6	0-55	35	Bedrock	18	4-10-56	20	82	11	.24	Dom	At contact of two formations.
ELy 8	411823N721404.1	F. Wilkos	1957	104	Drl	74	6	0-16	16	Bedrock	20	5- 3-57	12	40	1	.30	Dom	C.
ELy 9	411946N721317.1	Connecticut Water Co.	1960	95	Drl	63	8	0-30 40-60	63	Sand and gravel	8	-60	110	32	96	3.4	PS	Packed with 3/4-inch crushed stone. Tested with 10 ft of 6-inch screen. Finished with 10 ft of slotted casing at 30 to 40 ft. Dual filter tanks for treatment of iron.
ELy 10	412202N721257.1	Board of Education (Flanders School)		56	Dug	27.8	36	0-30±	30+	Sand	14.4	7-23-63	200±	10	3/4	20.0	Inst	Water reported to be medium hard.
ELy 11	412053N721250.1	Board of Education (East Lyme Jr. High School)	1956	42	Drl	128	8	0-122	128+	Sand and gravel	9.8	7-25-63	75	19	17	4.0	Inst	Gravel packed and finished with 6 ft of 125-slot screen at 122-128 ft. C. L.
ELy 12	412210N721331.1	Pataganset Finishing Co., Inc.	1942	62	Drl	224	8	0-80	--	Bedrock	--		6	--	--	--	Ind	Formerly supplied 200 employees with 1,000 gpd. Nearby brook used for process water. C.
ELy 13	411834N721423.1	Conn. Dept. of Agriculture & Natural Resources (Rocky Neck State Park)	1935	14	Dug	18	48	0-18	18+	Sand and gravel	13		250±	--	4	--	Inst	C.
ELy 14	411829N721426.1	do	1935	12	Dug	17	48	0-17	17+	Sand	11		--	--	--	--	Inst	Several wells at park supply 3,000 people on Sundays during summer season. C.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of East Lyme--Continued								
ELy 15	411840N721428.1	Conn. Dept. of Agriculture & Natural Resources (Rocky Neck State Park)	1935	16	Dug	20.1	48	0-20±	20+	Sand	16.6	8- 5-65	--	--	--	--	Inst	
ELy 16	411846N721428.1	do	1935	21	Dug	25	48	0-25±	25+	Sand	18		--	--	--	--	Inst	Pumped dry a few times at 23 ft depth; deepened in 1953.
ELy 17	411841N721433.1	do	1935	12	Dug	17	48	0-17	17+	Sand	11		--	--	--	--	Inst	
ELy 18	411836N721422.1	do		16	Dug	19	36	0-19	19+	Sand	12		--	--	--	--	Inst	Not as productive as ELy 13 and ELy 14.
ELy 19	411843N721423.1	do	1958	21	Dug	21	36	0-21	21+	Sand	12		--	--	--	--	Inst	In "quicksand."
ELy 20	411847N721423.1	do	1958	20	Dug	27	36	0-27	27+	Sand	16		--	--	--	--	Inst	
ELy 21	411900N721428.1	do		22	Dug	26	36	0-26	26+	Sand	18		--	--	--	--	Inst	Inadequate in dry weather at 23 ft depth; deepened in 1943. Supplies one family and wash water for trucks. C.
ELy 22	411806N721438.1	do	1939	12	Dug	15	96±	0-15	15+	Sand	9		60	3	4	20.0	Inst	Finished with 3 vertical sets of 48(±)-inch diameter tile, 15 ft deep.
ELy 23	411806N721438.2	do	1938	12	Drv	16	3	0-16	16+	Sand	9		17	6	--	2.8	Inst	Three driven and jetted wells yielded total of 50 gpm, adequate for 1,000 people weekdays, inadequate for 4,000 on Sundays.
ELy 24	411801N721438.1	do	1932	10	Dug	14.0	48+	0-16	16+	Sand	8.2	9-25-63	50±	5±	--	10.0±	Inst	Inadequate at 12 ft depth; deepened in 1932 when two 48-inch diameter wells constructed inside older well. C.
ELy 25	411812N721412.1	do	1941	7	Dug	9.0	36	0-12	12+	Sand	6.4	3-26-63	--	--	--	--	Inst	
ELy 26	411758N721448.1	do	1936	42	Dri	431	6	0-44	2+	Bedrock	28.3	7-26-63	20	170	6±	.12	Inst	Water obtained at depth of 100 ft. Brackish; never used. U.S.G.S. observation well. T. 52° 9-29-64.
ELy 27	411806N721436.1	do	pre-1931	15	Dug	13.7	8	0-17±	20+	Sand	12.1	7-26-63	--	--	--	--	Inst	Old dug well packed with stone and gravel from land surface to within 3 ft of bottom; 2½ ft of perforated casing at 17± - 19½± ft. Brackish, abandoned. U.S.G.S. observation well. T. 58° 9-29-64.
ELy 28	411924N721211.1	Town of East Lyme (Niantic Center School)	1933	26	Dug	24	24	0-24	24+	Gravel	17	5-23-39	50+	6-	--	8.0+	Inst	Supplied 250± people with 500± gpd. Abandoned when city water became available.
ELy 29	411932N721404.1	Conn. State Farm & Prison for Women		29	Dug	21.0	300±	0-21	21+	Sand and gravel	16.1	7-25-63	104	3	24	34.0±	Inst	U.S.G.S. observation well. T. 54° 9-29-64. C.
ELy 30	412040N721533.1	William C. Pock	1860±	96	Dug	23.2	24-48	0-23+	23+	Sand and gravel	20.2	7-30-63	--	--	--	--	Dom	Iron observed in water after well had been unused for awhile.
ELy 31	412039N721532.1	do	1955	90	Dug	22.6	42	0-22	22+	Sand and gravel	16.8	7-30-63	--	--	--	--	Agr	Supplies 1,000± gpd for 12,000 chickens. Two lateral well points (1½") extend 18" from well. C.
ELy 32	412108N721527.1	State of Conn. Military Dept.	1939	162	Dri	477	6	0-25	20±	Bedrock	30	-39	2	165	4	.01	Dom	Yield 1 gpm at depth of 175 ft before deepening. C.
ELy 33	411802N721242.1	John Wollenschlager (Black Point Beach Club)	1922	60	Dri	201	6	0-41	40±	Bedrock	4	-38	38	160±	12	.24	PS	Wells ELy 33, 34, and 35 supply about 100,000 gpd on weekdays and 300,000 gpd on weekends 7 mos. of year.
ELy 34	411801N721240.1	do	1935?	60	Dri	250	6	0-60	60±	Bedrock	4		65	162	12	.40	PS	Wells ELy 33, 34, and 35 supply about 100,000 gpd on weekdays and 300,000 gpd on weekends 7 mos. of year. C.
ELy 35	411803N721241.1	do	1948?	59	Dri	250	8	0-40	25±	Bedrock	4		80	162	12	.49	PS	Filter used for "mica sand" and color.
ELy 36	411934N721149.1	Town of East Lyme	pre-1939	27	Dug	30.5	66±	0-33	33+	Gravel	6		500+	20	15-	12.0+	PS	Supplied a representative total of 533,225 gallons in 6-month period ending November 1962. Diameter at surface also reported to be 216 inches. C.
ELy 37	412104N721525.1	State of Conn. Military Dept.	1946	165	Dri	337	6	0-86	66	Bedrock	32		10±	--	--	--	PS	Supplies 6 people throughout year and 100 additional men 30 days per year.
ELy 38	411950N721133.1	State of Conn. (Camp Dempsey)	1936	29	Dri	100	10	0-30 40-77	100+	Sand and gravel	27.3	5- 6-65	102	15	38	6.8	PS	Finished with 10 ft of 10-inch screen (0.014 slot) at 30 to 40 ft depth and 20 ft of 10-inch screen (0.010 slot) at 77 to 97 ft depth. Screen clogged and yield declined; acidized with 30 gallons H_2SO_4 in 1956 and yield recovered partially to 60 gpm. See ELy 39.
ELy 39	411949N721134.1	do	1936	29	Dri	100	10	0-30 40-77	100+	Sand and gravel	26.9	5- 6-65	103	12	48	8.5	PS	Finished with 10 ft of 10-inch screen (0.10 slot) at 30 to 40 ft and 20 ft of 10-inch screen (0.10 slot) at 77 to 97 ft. Together with ELy 38 supplies peak demand of 150,000 gpd in 2 summer months. C.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of East Lyme--Continued								
ELy 40	411949N721134.2	State of Conn. (Camp Dempsey)	1936	29	Drl	110	10	--	100+	Sand and gravel	--	-35	--	--	--	--	Test	Test well for ELy 38 and ELy 39. L.
ELy 41	411945N721318.1	Carriage Hill Corp. (The Conn. Water Co.)	1964	96	Drl	38	8	0-28	66	Sand and gravel	11	6- -64	150	12.8	12	11.7	PS	Gravel packed and finished with 5 ft of 80 slot screen, and 5 ft of 40 slot screen at 28 to 38 ft. Supplies 94 houses. L.
ELy 42	412513N721450.1	Francis H. York	1943±	272	Drl	80	6	--	4	Bedrock	28	-43	7±	65-	1	.11+	Dom	C.
ELy 43	412431N721630.1	Mrs. Marion Rainey	1880±	220	Dug	16.0	24	0-16	16+	Till	14.8	11- 1-63	--	--	--	--	Dom	Yield low, less than 5 gpm. Dry in October 1963.
ELy 44	411948N721311.1	Conn. Water Co.		94±	Drl	300	--	--	40	Bedrock	--		3	--	--	--	--	C.
ELy 45	411947N721307.1	do		90±	Drl	248	--	--	50	Bedrock	--		12	--	--	--	--	Unable to develop a supply in overlying unconsolidated material owing to heavy pumpage of sand.
ELy 46	412127N721242.1	Conn. Yankee Motor Inn	1961	55	Drl	70	6	0-63	70+	Sand and gravel	10±	-61	208	15±	4	20.8±	Com	Finished with 7 ft of 6-inch screen at 63 to 70 ft depth. Pumped at 300 gpm for 1 hour. Pumped at 180 gpm, 24 hrs per day, in summer only.
ELy 47	412126N721241.1	do	1961	55	Drl	230	6	--	--	Bedrock	14.7	3-24-64	30	--	--	--	Com	Supplies about 7,000 gpd throughout year for motel. See ELy 46. C.
ELy 48	411912N721407.1	Conn. State Farm and Prison for Women	1919±	32	Drl	90±	6	--	--	Unknown	--		--	--	--	--	Inst	Supplied 20 people before replacement by ELy 29. Adequate.
ELy 49	411930N721433.1	do	1850±	38	Dug	27.4	30	0-28±	--	Sand and gravel	24.5	4-27-64	--	--	--	--	Dom	Supplies one family.
ELy 50	411933N721353.1	do	1923±	60	Drl	100±	6?		--	Unknown	--		--	--	--	--	Inst	Supplied 20 to 25 people and 50 to 60 head of cattle and a dairy. Later supplied cannery before replacement by ELy 29. Adequate.
ELy 51	411941N721345.1	do	1926±	108	Drl	100±	6?	--	--	Unknown	--		--	--	--	--	Inst	Used until replacement by ELy 29. Adequate.
ELy 52	411954N721104.1	State of Conn. (Camp Dempsey)	1945	18	Drv	27	1½	0-27	--	Sand	17	-45	7±	7±	8	1.0±	Inst	Supplies 500 men in summer and weekends in winter. Drawdown and specific capacity data for ELy 52-54 based on fact that suction was not broken during test.
ELy 53	411958N721105.1	do	1956	18	Drv	27	1½	0-27	--	Sand	17	-56	7±	7±	8	1.0±	Inst	Supplies 100± gpd.
ELy 54	411959N721111.1	do	1962	21	Drv	27	1½	0-27	--	Sand	17	-62	7±	7±	8	1.0±	Inst	Supplies 300± gpd.
ELy 55	411944N721123.1	do	1945	21	Drv	28	1½	0-28	--	Sand	17	-45	7±	7±	8	1.0±	Dom	Supplies one family with 500± gpd.
ELy 56	412057N721241.1	Laurel Hill Acres, Inc.	1958	35	Drl	72	8	0-62±	--	Sand and gravel	flow	-58	200	30±	8	6.7	PS	Finished with 10 ft of 8-inch screen from 62 to 72 ft depth. Suplies 250± people with 17,000± gpd. L.
ELy 57	412033N721247.1	Bargnesi Water Supply	1950±	32	Drl	48	8	0-32±	--	Sand and gravel	0	-50±	48	33	48	1.4	PS	Well flowed from top of 8-inch coupling 0.5 ft below land surface. Finished with 15 ft of 8-inch screen. Supplies 100± people. L.
ELy 58	411804N721419.1	Conn. Dept. of Agriculture & Natural Resources (Rocky Neck State Park)	1965	10	Dug	18	72±	0-18	--	Sand and gravel	8	7- -65	40±	1	8	13.0±	Inst	Three 36-inch casings each packed with 1 ft of crushed stone. Saline; abandoned.
										Town of Franklin								
Fr 1	413514N720921.1	R. Bonfoey	1957	300	Drl	180	6	0-30	9	Bedrock	20	7-17-57	15	60	4	.25	Dom	C.
Fr 2	413435N720823.1	H. Diehl	1955	175	Drl	100	6	0-30	30	Bedrock	19	11-11-55	3	81	2	.04	Dom	C.
Fr 5	413417N720756.1			140	Dug	20	--	0-20	20	Unconsolidated deposit	20		--	--	--	--	--	Published in U.S. Geol. Survey Water Supply Paper 374, p. 131, 132 as no. 16. Water level fluctuated 5 ft. Well "went dry." Bedrock at 20 ft.
Fr 6	413414N720758.1			145±	Dug	18	--	0-18±	--	Unconsolidated deposit	16		--	--	--	--	--	Published in U.S. Geol. Survey Water Supply Paper 374, p. 131, 132 as no. 17. Water level fluctuated 7 ft.
Fr 7	413442N720826.1	F. S. Barber		165±	Dug	20	--	0-20±	--	Unconsolidated deposit	16		--	--	--	--	--	Published in U.S. Geol. Survey Water Supply Paper 374, p. 131, 132 as no. 18.
Fr 8	413446N720831.1			175	Dug	18	--	0-18±	--	Unconsolidated deposit	16		--	--	--	--	--	Published in U.S. Geol. Survey Water Supply Paper 374, p. 131, 132 as no. 19.
Fr 9	413502N720901.1	John Howe		200	Dug	14	--	0-14	14	Till	12		--	--	--	--	--	Published in U.S. Geol. Survey Water Supply Paper 374, p. 131, 132 as no. 20. Well "went dry." Consumption was 10 gpd.
Fr 10	413519N720934.1	Lebanon Road School		315±	Dug	10	--	0-10	10	Till	--		--	--	--	--	--	Published in U.S. Geol. Survey Water Supply Paper 374, p. 131, 132 as no. 21. Well "went dry."
Fr 11	413541N720943.1			365±	Dug	14	--	0-14±	--	Till	12		--	--	--	--	--	Published in U.S. Geol. Survey Water Supply Paper 374, p. 131, 132 as no. 22. Consumption was 20 gpd.
Fr 12	413611N721002.1			485±	Dug	13	--	0-12	12	Till	--		--	--	--	--	--	Published in U.S. Geol. Survey Water Supply Paper 374, p. 131, 132 as no. 23. Well "went dry."
Fr 13	413622N721025.1	Sherman Loomis	1911	505±	Drl	235	--	--	15	Bedrock	--		--	--	--	--	Dom	Published in U.S. Geol. Survey Water Supply Paper 374, p. 131, 132 as no. 24. Unsuitable because of high iron content. C.
Fr 14	413647N721050.1	G. L. Ladd		510	Dug	17	--	0-17	17	Till	16		--	--	--	--	--	Published in U.S. Geol. Survey Water Supply Paper 374 p. 131, 132 as no. 25. Water level fluctuated 6 ft. Well "went dry."

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Static water level: Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Franklin--Continued								
Fr 15	413618N720857.1	E. Mitchell		490±	Dug	28	--	0-28±	--	Till	23		--	--	--	--	--	Published in U.S. Geol. Survey Water Supply Paper 374, P. 131, 132 as no. 27. Consumption was 40 gpd. Altitude erroneously published as 285 ft.
Fr 16	413402N720755.1	Conn. State Highway Dept.	1955	150	Drl	267	8	--	--	Bedrock	42.6	6-10-64	--	--	--	--	Inst	Supplies 30 employees and wash water for 6 trucks. C.
Fr 17	413419N720804.1	The Kenneth B. Church Co., Inc.	1948±	132	Dug	13.5	24	0-14±	--	Gravel	10.4	6-11-64	15±	4±	4	3.8±	Ind	Supplies about 600 gpd for cooling and making paint.
Fr 18	413808N721007.1	Unity Foods (Division of Agway, Inc.)	1961	262	Drl	63	6	--	--	Bedrock	10±		15	60±	4	.25	Ind	Drilled to depth of 75 ft, had filled in to 63 ft in Dec. 1963. Pumping level 17.2 ft (7-9-64). Supplies about 5,000 gpd for boiler and process water. C.
Fr 19	413808N721006.1	Berkman Grain Co.	1933±	262	Dug	12	48-60	0-12±	--	Till	6		--	--	--	--	Com	Supplies 1,000- gpd.
Fr 20	413400N720737.1	Soneco Service, Inc.	1964	120	Dug	30±	180-96	--	--	Sand and gravel	10±	-64	--	--	--	--	Ind	Inadequate; destroyed.
Fr 21	413501N720801.1	Michael O'Hearn	1946	170	Drl	103	6	0-45	40	Bedrock	26	3- -46	15?	--	--	--	Dom	C.
Fr 22	413501N720757.1	T. O'Hearn		158	Dug	25?	--	0-25?	25+	Unconsolidated deposit	23		--	--	--	--	--	Published in U.S. Geol. Survey Water Supply Paper 374, p. 131, 132 as no. 15. C.
										Town of Groton								
Gt 1	412233N715828.1	Byron Davis	1950	155	Drl	38	6	--	13	Bedrock	--		15+	--	--	--	Dom	
Gt 2	411951N715929.1	A. Anderson	1949	10	Drl	58	6	--	4	Bedrock	12.2	11-25-52	5	--	--	--	Dom	Adequate for 4 people.
Gt 3	411932N715939.1	E.I. Rathbone	1949	60	Drl	325	6	--	20	Bedrock	40?		.5	--	--	--	Dom	Inadequate.
Gt 4	411930N715915.1	Mrs. Augustino Morgan	1949	40	Drl	95	6	--	7	Bedrock	--		3	--	--	--	Dom	
Gt 5	412127N720121.1	Fred McCollins	1951	120	Drl	81	6	--	18	Bedrock	--		3	--	--	--	Dom	Adequate for 3 people.
Gt 6	412125N720125.1	Orin C. Merry	1951±	105	Drl	65.2	6	0-29	25	Bedrock	11.2	12- 5-63	15	--	--	--	Dom Obs	U.S.G.S. observation well. Water level records published in Conn. Ground Water Survey Bull. No. 5 and Conn. Water Resources Bulls. No. 2 and 7. Reportedly overflowed twice in 11 years. C.
Gt 7	412103N720243.1	Blanche E. Grant	1949	28	Drl	36	6	--	15	Bedrock	--		15+	--	--	--	Dom	Supplies 2 people. C.
Gt 8	412107N720243.1	H. C. Staples	1949	40	Drl	85	6	--	7	Bedrock	--		6	--	--	--	Dom	Supplies 4 people.
Gt 9	412046N720055.1	Leon Barnett	1951	150	Drl	70	6	--	30	Bedrock	19.3	11-25-52	3	--	--	--	Dom	Adequate for 3 people. Color reported slightly bluish.
Gt 10	412317N720148.1	George Holmes	1951	140	Drl	107	6	--	24	Bedrock	--		5	--	--	--	Dom Agr	Adequate for 9 people and stock.
Gt 12	412321N715848.1	George Hewitt	1951	55	Drl	45	6	0-45	45+	Gravel	11	9- -51	10	--	--	--	Dom	
Gt 14	412112N715904.1	Mystic Fuel & Ice Co., Inc.	1925±	152	Drl	218±	6	--	35±	Bedrock	5±		15+	115±	½	.13	Ind	Water level estimated from nearby Gt 54. Supplies 9,000 gpd in summer for cooling; formerly supplied water for making ice. C.
Gt 15	412337N715748.1	E. W. Brown	1895	42	Drl	40	6	--	11	Bedrock	--		9	--	--	--	Dom	Situated near bedrock contact
Gt 19	412013N720306.1	John Ackley, Jr.	1860±	22	Dug	18.2	24	0-18	--	Sand and gravel	16.6	12- 5-63	--	--	--	--	Obs	Well penetrated till to underlying sand and gravel. U.S.G.S. observation well. Water level records published in Conn. Water Resources Bull. No. 2.
Gt 21	412009N720304.1	N. Maynard	1957	5	Dug	10	24	0-10	10+	Gravel	1.9	5- 8-58	--	--	--	--	--	
Gt 24	412054N720205.1	L. Trent		23	Dug	16.5	24	0-16.5?	16+	Sand and gravel	10.2	5- 8-58	--	--	--	--	--	House unoccupied when visited. Water level 10.7 on 5-27-58.
Gt 26	412137N720147.1	Town of Groton		35	Dug	13.0	36	0-13	--	Gravel	3.7	5-27-58	--	--	--	--	--	Well abandoned
Gt 27	412222N720137.1	B. A. Natze	1956	70	Drl	132	6	--	22	Bedrock	--		10	--	--	--	Dom	Situated at bedrock contact. C.
Gt 28	412101N715954.1	Eastern Water Co., Inc.	1960	35±	Drl	39	8	0-34.6	39±	Sand and gravel	4	10- -60	100	24	33	4.2	PS	Gravel packed to outside diameter of 36 inches. Finished with 4½ ft of 8-inch Everdur screen (0.060 slot) at bottom. Standby well. L.
Gt 29	412101N715952.1	do	1959	35	Drl	45	8	0-35	49±	Sand and gravel	2	-59	150	16.5	28	9.1	PS	Gravel packed. Finished with 10 ft of screen at 35 to 45 ft depth. Supplied 680± people and school with about 50,000 gpd in 1962. C. L.
Gt 30	412053N715947.1	do	1959	30	Drl	47.5	--	0-47.5	47.5	Silt and clay	--		--	--	--	--	--	Test well. Destroyed. L.
Gt 33	412208N715817.1	William G. Fish	1957±	15	Dug	20	--	0-20?	--	Sand	10	-57	--	--	--	--	Dom	Water level rose 6 or 7 ft when sand encountered at 18 ft depth. C. L.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Static water level: Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
								Town of Groton--Continued										
Gt 34	412157N715842.1	James A. Wydler	1959	185	Drl	68	6	0-43	38	Bedrock	11	-59	10	--	--	--	Dom(?)	C.
Gt 35	412210N715850.1	Eben Duerr	1962	135	Drl	165	6	0-99	93	Bedrock	20	-62	3	--	--	--	Dom Agr	Near contact of two formations.
Gt 36	412210N715842.1	Herbert S. Williams	1960?	108	Drl	85	6	0-46	41±	Bedrock	5	-60?	6	--	--	--	--	Near contact of two formations.
Gt 37	412209N715837.1	Fred K. Wydler	1960	86	Drl	87	6	0-56	53±	Bedrock	--		6	--	--	--	--	Near contact of two formations.
Gt 38	412208N715836.1	David Tassias	1959	68	Drl	100	6	0-67	63±	Bedrock	14	-59	5	--	--	--	--	Near contact of two formations.
Gt 40	412007N720257.1	State of Conn. (Trumbull Airport)	1910±	13	Drl	250	8?	--	--	Bedrock	8.6	7-19-63	--	--	--	--	--	Abandoned when storage tank removed as navigation hazard.
Gt 41	412005N720233.1	do	1900±	8	Dug	10.7	48	0-16?	16+	Sand and gravel	9.7	7-19-63	16.7±	1	--	16±	Dom	Supplies about 200 gpd.
Gt 42	412001N720213.1	State of Conn. (leased to Town of Groton)	1956	8	Dug	10.3	24	0-11±	10+	Sand and gravel	7.9	7-19-63	--	--	--	--	--	Brackish; abandoned. U.S.G.S. observation well. C.
Gt 43	412001N720221.1	do	1956	7	Dug	8.6	24	0-18?	9+	Sand and gravel	6.4	7-19-63	--	4	6	--	Inst Obs	Supplies about 1,300 people with about 5,000 gpd in summer. U.S.G.S. observation well. C.
Gt 45	412045N720221.1	Robert York Chapman	1858	12	Dug	9.6	--	0-10?	10+	Sand and gravel	8.0	7-19-63	--	--	--	--	Dom	Supplied 6 people until hurricane of 1938 caused salt water intrusion from Poquonock River.
Gt 46	412203N720246.1	Mr. Marquardt		38	Dug	16.8	28	0-17?	17+	Sand and gravel	10.7	7-19-63	--	--	--	--	Dom	Supplies 4 people.
Gt 47	412201N720248.1	Alfred Perkins	1960	39	Drl	110	6	0-16	12	Bedrock	15	-60	10	70+	4	.14	Dom	Supplies 2 people and water for lawn. C.
Gt 48	412052N720238.1	Alice Gray	1955±	40	Drl	66?	6	0-30	30	Bedrock	9	-55±	3	--	--	--	Dom	Supplies 2 people. C.
Gt 49	412211N715825.1	George G. Keith	1957	35	Dug	17.9	30	0-18±	18+	Till	12.4	8- 8-63	5±	6	--	.8	Dom	Supplies 6 people. Adequate. C.
Gt 50	412004N720013.1	Carl Norton	1959	15	Dug	12.7	30	--	13+	Sand	8.3	8- 7-63	35±	--	--	--	Dom	Supplies 7 people.
Gt 51	412026N720120.1	Town of Groton	1960	10	Dug	15.2	1½	0-15	15+	Sand and gravel	4.6	12- 5-63	--	--	--	--	Obs	Water levels measured for sewer authority.
Gt 52	412234N715823.1	Mystic Oral School	1893±	160	Drl	548	--	0-22±	20	Bedrock	10		1±	--	--	--	Inst	Listed in U.S.G.S. Water Supply Paper 149, p. 24 and U.S.G.S. Water Supply Paper 232, p.81 as no. 80. Inadequate, destroyed. Formerly supplied 45 pupils with less than 1,000 gpd.
Gt 53	412238N715824.1	do	1915-1927	155±	Dug	12.5?	--	--	13+	Till	5.0	3-25-64	--	--	--	--	Inst	Two wells at this site supplied all school needs until 1962. Wells inadequate. Water now purchased from Mystic Valley Water Co. One well is standby for fire fighting.
Gt 54	412112N715904.2	Mystic Ice and Fuel Co.	1937±	153	Dug	19.2	30	0-20±	20+	Till	4.8	8-13-64	4±	10±	--	.4±	Ind	Supplies cooling water only. Yield inadequate in some dry years. C.
Gt 55	412042N715959.1	Eastern Water Co., Inc.	1959	30	Drv	22±	2	0-22±	25±	Sand and gravel	--		--	--	--	--	Test	Refusal at 25± ft; well destroyed.
Gt 56	412058N715949.1	do	1959	35	Drl	84	6	--	73	Bedrock	18	-59	46-	42	1	--	Test	Destroyed. L.
Gt 57	412108N720202.1	City of Groton	1964	25	Drv	20	1½-2	0-18	--	Sand and gravel	8	11- -64	23-465	11±	384	2.0±	Test	Total of 20 similar wells finished with 2.5 ft of 1½-inch screens at 17.5 to 20 ft depth; pumped through common header at rate of 670,000 gpd for 16 days. At least 5-10 ft of overlying loam and sand removed before wells were driven. Pumping test data and chloride data available. Standby emergency supply.
Gt 58	412125N720146.1	do	1964	34	Drl	32.7	6	0-33	--	Sand and gravel	10.6	7-12-65	--	--	--	--	Obs	Observation well for pumping test on Gt 57. Drawdown data and 7-month record of water level measurements available.
Gt 59	412118N720148.1	do	1964	32	Drl	30.0	6	0-30	--	Sand and gravel	9.9	7-12-65	--	--	--	--	Obs	Observation well for pumping test on Gt 57. Drawdown data and 7-month record of water level measurements available.
Gt 87	412322N720515.1	U.S. Naval Submarine Base	1964	22	Jet	75	2½	0-75	75	Sand, silt, and clay	10	5-13-64	0	--	--	--	Test	Destroyed. L.
Gt 88	412326N720509.1	do	1964	20	Jet	93	2½	0-93	93	Sand, silt, and clay	6	5-15-64	0	--	--	--	Test	Destroyed. L.
Gt 89	412324N720504.1	do	1964	22	Jet	38	2½	0-38	38	Sand, silt, and clay	8	5-19-64	0	--	--	--	Test	Destroyed.
Gt 90	412318N720455.1	do	1964	30	Jet	29	2½	0-29	29	Sand and gravel	4	5-19-64	60	7.11+	8	5.7	Test	Drawdown in observation well 26 ft deep and 2 ft away was 2.8 ft when Gt 90 was pumped at 60 gpm. Destroyed. L.
Gt 91	412319N720507.1	do	1964	20	Jet	15	2½	0-15	--	Artificial fill	--		0	--	--	--	Test	Destroyed.
Gt 93	412319N720451.1	do	1964	30	Jet	23	2½	0-23	23	Till	6	5-20-64	0	--	--	--	Test	Destroyed.
Gt 94	412316N720448.1	do	1964	35	Jet	7	2½	0- 7	--	Till	--		0	--	--	--	Test	Destroyed.
Gt 95	412349N720533.1	do	1964	10	Jet	44	2½	0-44	44	Sand, silt, and clay	12	5-27-64	0	--	--	--	Test	Destroyed. L.
Gt 98	412329N720517.1	do	1964	25	Jet	55	2½	0-55	55	Sand, silt, and clay	7	6- 3-64	0	--	--	--	Test	Destroyed. L.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Groton--Continued								
Gt 100	412331N720525.1	U.S. Naval Submarine Base	1964	9	Jet	59	2½	0-59	59	Sand, silt, and clay	7	6- 5-64	0	--	--	--	Test	Destroyed. L.
Gt 112	412250N720225.1	John Harmacly	1942	60	Dug	10.2	38	0-10	--	Sand and gravel	5.7	7-27-65	40+	4±	1	10±	Dom	
Gt 113	412146N720205.1	Groton, Dept. of Utilities	1966	42	Drl	72	8	0-50	72	Sand and gravel	12	10- -66	200	13	1,200	15.5	Test	Finished with 20 ft of no. 5 slot screen. Scheduled after completion of data collection; not included in averages for stratified drift. Destroyed. L.
Gt 114	412214N720224.1	do	1966	28	Drl	58	8	0-48±	58	Sand and gravel	5	11- 8-66	150	10.2	22	14.8	Test	Finished with 20 ft of no. 5 slot screen. Scheduled after completion of data collection; not included in averages for stratified drift. Destroyed. L.
										Town of Lebanon								
Lb 1	413736N721918.1	Beseck Lake Water Co.	1958	555	Drl	350	6	0-10±	--	Bedrock	flow		2.5	--	--	--	--	Flows but yield inadequate for public supply; unused. Lb 2 and 3 other wells at this site. Yields of 5 wells average 21 gpm.
Lb 2	413725N721922.1	do	1958	550	Drl	220±	6	--	--	Bedrock	18	-58	50	62	9	.81	--	Is principal supply for about 1,000 people in summer only. Adequate. L.
Lb 3	413850N721333.1	John Kolar	1957	423	Drl	116	6	0-46	45	Bedrock	5	4-19-57	5	110	1	.05	Dom	Adequate. Clay overlies bedrock.
Lb 4	413839N721324.1	R. Adams	1956	415	Drl	150	6	0-22	20	Bedrock	7	12-12-56	40	18	4	2.22	Dom	Yield in first test at 48 ft depth was 3.5 gpm. Adequate. C.
Lb 5	413609N721338.1	Joseph Grossman	1957	510	Drl	240	6	0-18	18	Bedrock	36	8-15-57	5	204	--	.02	Dom Agr	Bailer test. Adequate for domestic and stock use. C.
Lb 6	413626N721442.1	J. Petrofski	1956	560	Drl	214	6	0-23	7	Bedrock	40	3-17-56	1.5	160	1	.01	Dom Agr	Supplies 200 poultry. Water contains traces of iron.
Lb 7	413728N721705.1	J. Lyons	1956	520	Drl	95	6	0-16	4	Bedrock	30	10-10-56	12	65	1	.18	Dom	Adequate.
Lb 8	413725N721702.1	E. Whitcomb	1956	515	Drl	90	6	0-14	7	Bedrock	16	10-17-56	5	74	1	.07	--	Near contact of two formations.
Lb 9	413751N721334.1	A. Wheaton	1956	372	Drl	157	6	0-27	--	Bedrock	57(?)	5- 6-56	12	--	--	--	Dom	Adequate. C.
Lb 11	413917N721450.1	B. Dziadul	1957	420	Drl	54	6	--	4	Bedrock	12	6-10-57	9	--	--	--	Dom	C.
Lb 12	413320N721333.1	Alexander Adams (Camp Sherwood Mowoen)	1915±	464	Drl	170	6	--	--	Bedrock	11.7	6-16-64	4.5	88±	--	.05	Inst	Together with Lb 13 supplies maximum of 350 people with 1,000 gpd in summer only.
Lb 13	413321N721332.1	do	1915±	474	Drl	400	6	--	--	Bedrock	45.8	6-16-64	3	314±	--	.01	Inst	Together with Lb 12 supplies maximum of 350 people with 1,000 gpd in summer only. C.
Lb 14	413737N721643.1	Carefree Homes, Inc.	1958	488	Dug	20	6	0-16	20	Sand and gravel	4.3	6-25-64	20+	13±	24	1.7+	PS	Three wells Lb 14-16 each finished with 4 ft of Everdur 60-slot screen at 16 to 20 ft. Wells emplaced in trench 20 ft long, 10 ft wide and 20 ft deep. Supply 20 trailers and 11 houses. L.
Lb 15	413737N721643.2	do	1958	488	Dug	20	6	0-16	20	Sand and gravel	4	-64	20±	13	24	1.7	PS	Three wells Lb 14-16 in row 3 to 4 ft apart, flowed in spring 1964.
Lb 16	413737N721643.3	do	1958	488	Dug	20	6	0-16	20	Sand and gravel	4	-64	20±	13	24	1.7	PS	Annular space between 36-inch perforated concrete casings and 6-inch steel casings in 3 wells Lb 14-16 packed with 1-inch crushed stone.
Lb 17	413744N721803.1	Grand Lake Lodge, Inc.	1920±	445	Dug	15	36±	--	15	Sand and gravel	8		15	7	6	2.1	Com	Supplies 7,500 gpd, 5 months of year, chiefly for kitchen of summer hotel.
Lb 18	413743N721807.1	do	1962	445	Dug	15	30	0-15	--	Sand and gravel	5	-62	45	9	8	5.0	Com	Supplies 10,000 gpd 5 months of year, chiefly for swimming pool.
Lb 19	413741N721807.1	do	1960	446	Jet	18+	2½	0-15±	20	Sand and gravel	3	9- 6-60	75	12±	24	5.0	Com	Five wells Lb 19-23, 16-20 ft deep and 50 ft apart finished with 5 ft of 2-inch Everdur screens at bottom. L.
Lb 20	413741N721807.2	do	1960	445	Jet	19	2½	0-11	--	Sand and gravel	3	9- 8-60	15	--	--	--	Com	
Lb 21	413741N721807.3	do	1960	445	Jet	16	2½	0-11	--	Sand and gravel	3.3	9- 9-60	2	--	--	--	Com	
Lb 22	413740N721807.2	do	1960	445	Jet	22	2½	0-11	--	Sand and gravel	3.5	9- 9-60	20	--	--	--	Com	
Lb 23	413740N721807.1	do	1960	446	Jet	19	2½	0-14±	21+	Sand and gravel	4	9-10-64	--	--	--	--	Com	Combined yield of 5 wells Lb 19-23, 75 gpm. Hooked up to common header and supply 300 people with 25,000 gpd in 3 months of summer season. C. L.
Lb 24	413745N721807.1	do	1961	446	Drl	84	6	0-22	18±	Bedrock	3.2	7- 1-64	40	57	8+	.70	--	Odor of H_2S and high iron content; well never used.
Lb 25	413705N721132.2	John H. Woods, Inc.	1964	420	Drl	343	6	0-33±	12	Bedrock	7	-64	--	--	--	--	PS	Standby for Lb 26. High iron content in both wells, water filtered.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Lebanon--Continued								
Lb 26	413705N721132.1	John H. Woods, Inc.	1962	420	Drl	78	6	0-33±	12	Bedrock	7	-62	--	--	--	--	PS	Supplies 16-19 families with 57,000 gpd in winter and 114,000 gpd in summer. C.
Lb 27	413316N721400.1	Red Cedar Lake Sites Development Corp., Inc.	1961	454	Drl	161	6	0-22	19±	Bedrock	11.1	7-19-64	15	170±	8	0.09	PS	Adequate for 34 families in summer, chiefly weekends, but abandoned because of zoning regulation.
Lb 28	413255N721349.1	do	1962	475	Drl	200	6	0-18	10	Bedrock	21	5- -62	11	140±	36	.08	PS	Deepened from 100 ft depth. Pumped at 25 gpm for 2 hrs; yield declined to 11 gpm. Supplies 34 families in summer; chiefly weekends. C. L.
Lb 29	413250N721329.1	do	1962	465	Drl	38	8	0-38	38	Clay and silt	4.2	7-22-64	0	--	--	--	--	Two test wells for Public Supply. Yields inadequate; destroyed.
Lb 30	413332N721353.1	Meyer Boretz	pre-1962	445	Dug	12.0	36	--	12	Till	5.4	7-22-64	2	6	4	.3-	Dom	Correction for pumping from storage reduces yield to 1± gpm. Supplies one family in summer only. C.
Lb 31	413738N721758.1	Grand Lake Lodge, Inc.	1960	430±	Jet(?)	18±	2½	0-18±	18±	Sand and gravel	9±	-60	2±	--	--	--	--	Group of 7 unsuccessful test wells. Yield 2 gpm or less; destroyed.
Lb 32	413431N721212.1	Dominick Puhlick	1956	242	Dug	16.3	80±	0-16	16+	Sand and gravel	5.6	10-23-64	--	2	--	--	Dom	Diameter 64 inches by 96 inches. Supplies 7 people; adequate. Water reported to turn green when soap is added. C. L.
Lb 33	413823N721222.1	Town of Lebanon (Lebanon School)	1936	353	Drl	280	6	0-80±	80	Bedrock	30	8- -36	10	--	--	--	Inst	
Lb 34	413834N721213.1	Anthony Kasacek	1949	258	Dug	14	30-48	0-14	14	Sand	6	6- -49	4±	8-	--	.5	Dom Agr	Flows in springtime. Dry in 1957; inadequate during droughts. L.
Lb 35	413311N721413.1	Harry Morgenstein	1960	412	Drl	80	6	0-25	20	Bedrock	5	-60	18±	55	2	.33	Dom	Supplies one family.
Lb 50	413542N721714.1	Mr. Gould		485	Drl	150	--	--	--	Bedrock	--		--	--	--	--	--	Supplies about 100 people at summer camp. Adequate. C.
										Town of Ledyard								
Ly 1	412453N720247.1	Carl Thompson	1951	230	Drl	50	6	--	13	Bedrock	--		12	--	--	--	Dom	
Ly 2	412721N720249.1	J. M. Hildebrand	1951	170	Drl	82	6	--	9	Bedrock	--		3	--	--	--	Dom	Supplies 4 people. Adequate.
Ly 3	412640N720102.1	Raymond G. Main	1951	162	Drl	96	6	0-38±	35±	Bedrock	--		3	--	--	--	Dom	Near contact of two formations. Supplies 8 people. Adequate. C.
Ly 4	412640N720102.1	Frank Cruz	1951	310	Drl	84	6	--	18	Bedrock	--		15+(?)	--	--	--	Dom	Drilled in dug well 24 ft deep. C.
Ly 6	412613N715644.1	Mabel Swan		100	Drl	150	--	--	28	Bedrock	--		7	--	--	--	Dom	Drilled in dug well 28 ft deep. Near fault.
Ly 15	412518N715737.1	Mrs. Samuel Parke	1800±	72	Dug	10.3	--	0-10+	10+	Sand and gravel	6.0	7-21-45	--	--	--	--	Dom	
Ly 23	412442N715753.1	F. Potter	1962	52	Drl	130±	6	--	100	Bedrock	10±	-62	15	90	4	.17	Dom	
Ly 24	412616N715809.1	Lifetime Homes, Inc.	1961	67	Drl	40	24	0-25	43	Sand and gravel	5	11- -61	400	21.7	4.5	14	PS	Gravel packed and finished with 15 ft of 120-slot screen at 25 to 40 ft. Pumped at 265 gpm for 31 hrs. Supplies 380,000 gpd to 600 homes. Pumping test data available. C. L.
Ly 25	412613N715809.1	do	1961	67	Drl	49	8	0-34	49	Sand and gravel	2±	11- -61	45	8.3	8	5.4	PS	Unused; standby well? L.
Ly 26	412538N720346.1	Christy Hill Water Co.	1960	206	Drl	36	12	--	36	Sand and gravel	2	-60	75	24	24	3.1	PS	Finished with 10-slot screen. Abandoned. See Ly 28. L.
Ly 27	412539N720345.1	do	1961	200	Drl	37	8	0-31±	37±	Sand and gravel	1	-61	125	25	6½-24	5.0	PS	Finished with 6.7 ft of 8-inch screen (0.04-0.06 slot) at 31 to 37 ft. Ly 27 and 28 supply 350 to 400 homes. Adequate. C.
Ly 28	412542N720344.1	do	1962	197	Drl	43	8	0-33	43±	Sand and gravel	1.5	-62	--	--	12	--	PS	Finished with 10 ft of 8-inch screen (70 slot) at 33 to 43 ft. Ly 27 and 28 supply 350 to 400 homes. Adequate. Pumped at 300 gpm for 24 hrs. L.
Ly 29	412625N720502.1	Dow Chemical Co.	1951	10	Jet	35	8	0-25	--	Sand and gravel	7	-63	158+	3.8	240±	42.0+	Ind	Gravel packed and finished with 10 ft of 8-inch screen (250 slot) at 25 to 35 ft. Pumped alternately with Ly 30. Supplies 75 gpm, 24 hrs. a day.
Ly 30	412625N720502.2	do	1951	10	Jet	35	8	0-25	--	Sand and gravel	7	-63	--	--	--	--	Ind	Gravel packed. Located 10 ft from Ly 29; yield and drawdown similar to Ly 29. C.
Ly 31	412625N720501.1	do	1957	12	Jet	19.5	2	0-15	25±	Gravel	9.7	9-11-63	60	--	3	--	Obs	Finished with 5 ft of 1 7/8-inch screen (30 slot). U.S.G.S. observation well.
Ly 32	412624N720501.1	do	1957	11	Jet	14.7	2	0-17?	17±	Sand	9.6	9-11-63	--	--	--	--	Obs	About 6 wells (Ly 31 to Ly 36) installed to measure water levels during pumping test.
Ly 33	412625N720505.1	do	1957	7	Jet	15	2	0-10	15±	Sand and gravel	--		10	--	3	--	Obs	Finished with 5 ft of 1 7/8-inch screen (no. 20). Dest.
Ly 34	412626N720505.1	do	1957	10	Jet	30	2	0-25	30±	Sand and gravel	9	10-11-57	60	--	3	--	Obs	Finished with 5 ft of 1 7/8-inch screen (no. 20).

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Ledyard--Continued								
Ly 35	412626N720502.1	Dow Chemical Co.	1957	7	Jet	28.0	2	0-28	36±	Sand and gravel	4.8	9-11-63	7.5	--	2	--	Obs	Finished with 5 ft of 1 7/8-inch screen (no. 20) at 28 to 33 ft. L.
Ly 36	412625N720502.3	do	1957	13	Jet	16.7	2	0-17±	--	Sand and gravel	11.3	9-11-63	--	--	--	--	Obs	
Ly 37	412635N720438.1	do		46	Dug	13.1	40±	0-13+	--	Sand and gravel	5.1	-64	20	--	--	--	Ind	Diameter approximately 36 inches by 48 inches. Unused.
Ly 38	412708N720410.1	Board of Education (Juliet W. Long School)	1961	52	Drl	108	8	0-100	128+	Sand and gravel	49	-63	72	35	4+	2.1	Inst	Finished with 10 ft of 8-inch screen at 100 to 110 ft. Supplies 410 students. Adequate. C. L.
Ly 39	412708N720255.1	James B. Avery	pre-1900	118	Dug	7.4	30±	0- 8±	--	Sand and gravel	6.5	8-19-65	--	--	--	--	Dom	Unused.
Ly 40	412605N720411.1	Eugene La-Fontaine	pre-1860	278	Dug	33.9	18	0-40+	--	Till	33.2	9-24-63	--	--	--	--	Dom	Used chiefly in winter.
Ly 41a	412611N720440.1	T. L. Ingraham	1964	148	Drl	25	6	0-22	--	Bedrock	--		5+	--	--	--	Dom	Drilled in dug well 14 ft deep to depth of 30 ft; Pulled back 5 ft. C.
Ly 42	412659N720058.1	Ledyard Village Home Owners Association	1962	198	Drl	28	6	0-16	24	Sand and gravel	2	-62	80	10±	40	8.0±	PS	Finished with 10 ft of 6-inch screen (0.060 slot) at 16 to 26 ft. Supplies 46 families. Adequate. C. L.
Ly 44	412642N720454.1	Dow Chemical Co.	1961	9	Jet	32	12	0-22	--	Sand and gravel	7	-61	250	2.0	400+	125	Ind	Finished with 10 ft of 12-inch screen at 22 to 32 ft. Gravel packed. Adequate.
Ly 45	412645N720448.1	do	1960	26	Drl	500	8	--	--	Bedrock	20?		6	180±	--	.03±	--	Inadequate; destroyed. Drawdown based on water level of 20 ft estimated from altitude.
Ly 46	412701N720401.1	Charles Pfizer & Co., Inc.	1964	75	Drl	23±	8	0-23±	--	Sand and gravel	--		--	--	--	--	Test	Three test wells 20 to 24 ft deep. Drilled to refusal; probably in boulders. L.
Ly 47	412704N720400.1	do	1964	65	Drl	25±	8	0-25±	19	Sand and gravel	--		--	--	--	--	Test	Three test wells 10 to 25 ft deep. Drilled to refusal; probably in boulders.
Ly 48	412728N720404.1	do	1964	44	Drl	60	8	0-50	76+	Sand and gravel	39.5	5-19-64	75	5.3	65	14±	PS	Drilled to 76 ft; pulled back. New well; not in use when visited. Finished with 10 ft of 8-inch screen (0.040? slot) at 50 to 60 ft. Pumping rate cut back to 50 gpm when the chloride content rose from 30 to 90 ppm. Pumping test data. Specific capacity approximated; affected by tides during pumping test. L.
Ly 49	412730N720358.1	do	1964	35	Drl	32	8	0-32	29	Sand and gravel	--		--	--	--	--	Test	Drilled to refusal.
Ly 50	412728N720404.2	do	1964	48	Drl	59	2½	0-59	--	Sand and gravel	44	4-10-64	--	--	--	--	Obs	Observation well for Ly 48. Pumping test data. Destroyed. L.
Ly 51	412728N720404.3	do	1964	44	Drl	58	2½	0-58	--	Sand and gravel	40	4-10-64	--	--	--	--	Obs	Observation well for Ly 48. Pumping test data. Destroyed. L.
Ly 52	412728N720404.4	do	1964	42	Drl	56	2½	0-56	--	Sand and gravel	39	4-10-64	--	--	--	--	Obs	Observation well for Ly 48. Pumping test data. Destroyed. L.
Ly 53	412728N720404.5	Mrs. Hazel Kimber	1959	44	Dug	47	24	0-47	--	Sand and gravel	41	4-10-64	--	--	--	--	Obs, Dom	Water levels measured during pumping of Ly 48. Pumping test data. Supplies 3 people; adequate.
Ly 54	412656N720317.1	Charles Pfizer & Co., Inc.	1964	112	Drl	240	6	0-104	97	Bedrock	38	12- -63	4	62	2	.06	Test	Yield inadequate; abandoned. Situated near contact with gneiss. L.
Ly 55	412709N720339.1	do	1963	60	Drl	105	6	0-63	57	Bedrock	23	12- -63	12	77	2	.16	Test	Yield inadequate; abandoned. Situated near contact with gneiss. L.
Ly 56	412657N720318.1	do	1964	108	Drl	28±	2½	0-28±	--	Sand and gravel	--		--	--	--	--	Test	Three wells 10 to 32 ft deep. L.
Ly 57	412645N720310.1	do	1964	146±	Drl	15±	2½	0-15±	--	Sand and gravel	1±	-64	--	--	--	--	Test	Four wells 11 to 18 ft deep.
Ly 58	412657N720334.1	do	1964	117	Drl	26±	2½	0-26±	--	Sand and gravel	--		--	--	--	--	Test	Two wells 22 and 30 ft deep.
Ly 59	412705N720332.1	do	1964	116±	Drl	12±	2½	0-12±	--	Sand and gravel	--		--	--	--	--	Test	Four wells 5 to 25 ft deep.
Ly 60	412659N720336.1	do	1964	120±	Drl	11±	2½	0-11±	--	Sand and gravel	--		--	--	--	--	Test	Three wells 8 to 15 ft deep.
Ly 61	412706N720351.1	do	1964	57	Drl	28	2½	0-28	28	Sand and gravel	--		--	--	--	--	Test	Drilled to refusal.
Ly 62	412711N720350.1	do	1964	46	Drl	58	2½	--	58	Sand and gravel	--		--	--	--	--	Test	Three wells 11 to 58 ft deep. L.
Ly 63	412710N720348.1	do	1964	52	Drl	50	2½	0-50	--	Sand and gravel	40	4-14-64	--	--	--	--	Test	Drilled to refusal. L.
Ly 64	412712N720348.1	do	1964	53	Drl	35	2½	0-35±	--	Till	--		--	--	--	--	Test	Three wells 9 to 43 ft deep.
Ly 65	412711N720355.1	do	1964	36	Drl	--	2½	0-26±	--	Sand and gravel	--		--	--	--	--	Test	Three wells 18 to 33 ft deep.
Ly 66	412711N720400.1	do	1964	33	Drl	64	2½	0-60	64?	Sand and gravel	32	2-10-64	--	--	--	--	Test	Drilled to refusal. L.
Ly 67	412658N720259.1	do	1964	124	Drl	33	2½	0-33	--	Sand and gravel	--		--	--	--	--	Test	Drilled to refusal.
Ly 68	412642N720454.2	Dow Chemical Co.	1961	9	--	12.1	1¾	--	--	Sand and gravel	6.2	9-30-64	--	--	--	--	Obs	Situated 20 ft from Ly 44.
Ly 69	412847N715804.1	U.S. Geological Survey	1964	118	Drv	10.6	1¼	0-10.6	--	Swamp deposits	.7	10- 7-64	--	--	--	--	Obs	Situated about 12 ft from Ly 70.
Ly 70	412847N715804.2	do	1964	118	Drv	23.0	1¼	0-23.0	--	Swamp deposits	.7	10- 7-64	--	--	--	--	Obs	
Ly 71	412749N715739.1	Thomas F. Tefft	1800±	200	Dug	26.7	24	0-27±	--	Till	19.7	4- 9-65	.1±	2	--	.05	Dom	Situated on knoll. Pumped dry to clean well in dry season; recovered about 2 ft in 20 hrs. Supplies 300- gpd for 4 people; inadequate.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Ledyard--Continued								
Ly 72	412616N715810.1	Lifetime Homes, Inc.	1961	66	Drl?	43	2½	0-33±	--	Sand and gravel	1	8- -61	--	--	--	--	Obs	Observation well for pumping test of Ly 24. Finished with 10 ft of screen. Destroyed.
Ly 73	412613N715809.1	do	1961	66	Drl?	49	2½	0-49	--	Sand and gravel	0	8- -61	--	--	--	--	Obs	Observation well for pumping test of Ly 24. Destroyed.
Ly 74	412616N715809.2	do	1961	68	Drl?	32-43	2½	0-32±	--	Sand and gravel	14	8- -61	--	--	--	--	Obs	Observation well for pumping test of Ly 24. Finished with 10 ft of screen. Destroyed.
Ly 75	412616N715812.1	do	1961	66	Drl?	47	2½	0-47	--	Sand and gravel	2	8- -61	--	--	--	--	Obs	Observation well for pumping test of Ly 24. Destroyed.
Ly 76	412616N715812.2	do	1961	68	Drl?	49	2½	0-49	--	Sand and gravel	4	8- -61	--	--	--	--	Obs	Observation well for pumping test of Ly 24. Destroyed.
Ly 78	412724N720407.1	Charles Pfizer & Co., Inc.	1964	13	Dug	15±	48±	0-15±	--	Sand and gravel	12±	-64	--	--	--	--	Test?	Inadequate; destroyed.
Ly 79	412727N720406.1	do	1964	15	Drl	25	8	0-21	--	Sand and gravel	6	12- 1-64	45	10	--	4.5	Test	Tested with 3 ft of screen (60 slot) set from 21 to 24 ft. L.
Ly 80	412727N720407.1	do	1964	10	Drl	21	2½	0-21	--	Sand and gravel	4	12- 1-64	--	--	--	--	Obs	Observation well for test of Ly 79.
Ly 81	412726N720404.1	do	1964	47	Drl	71	--	0-62	--	Sand and gravel	47	11- -64	--	--	--	--	Test	Drilled to refusal at 71 ft. L.
Ly 82	412726N720404.2	do	1964	47	Drl	61	--	0-51	--	Sand and gravel	46	11- -64	--	--	--	--	Test	Drilled to refusal at 61 ft.
Ly 83	412726N720404.3	do	1964	46	Drl	60	--	0-56	--	Sand and gravel	45	12- 1-64	--	--	--	--	Test	Drilled to refusal at 60 ft.
Ly 84	412723N720406.1	do	1964	46	Drl	52	--	0-47	--	Sand and gravel	45	11- -64	--	--	--	--	Test	Drilled to refusal at 52 ft.
Ly 85	412724N720407.2	do	1964	14	Drl	21	--	0-21	--	Sand and gravel	5	11- -64	--	--	--	--	Obs	Observation well for test of Ly 79.
Ly 87	412720N720408.1	do	1964	45	Drl	36±	2½	0-36±	--	Sand and gravel	--	--	--	--	--	--	Test	Four wells 14 to 39 ft deep. Drilled to refusal.
Ly 88	412542N720058.1	Barrett Water Co.	1956	280	Drl	258	6	0-20	18	Bedrock	22	-56	25	83	--	.30	PS	Near contact of 2 formations. Supplies 230 people with 15,000 gpd. C.
Ly 89	412542N720057.1	Everett Thompson	1947±	282	Drl	117	6	0-25	22	Bedrock	20	-47±	25	90	150+	.28	Dom	Near contact of 2 formations.
Ly 90	412535N720101.1	Barrett Water Co.	1959	320	Drl	350±	6	0-87	81	Bedrock	20±	-59	7	230±	72	.03	PS	Yield inadequate and water milky; abandoned.
Ly 91	412416N720525.1	U.S. Naval Submarine Base	1964	32	Jet	48	2½	0-48	48	Sand, silt, and clay	9	5-12-64	0	--	--	--	Test	Destroyed. L.
Ly 92	412418N720523.1	do	1964	34	Jet	40	2½	0-40	--	Till	7	5-21-64	0	--	--	--	Test	Destroyed.
Ly 93	412415N720425.1	do	1964	72	Jet	37	2½	0-37	37	Sand, silt, and clay	3	6- 1-64	0	--	--	--	Test	Destroyed.
Ly 94	412417N720422.1	do	1964	74	Jet	14	2½	0-14	--	Sand and silt	--		0	--	--	--	Test	Destroyed
Ly 95	412414N720429.1	do	1964	88	Jet	45	2½	0-45	45	Sand, silt, and clay	4	6- 4-64	0	--	--	--	Test	Destroyed. L.
Ly 101	412458N720515.1	do	1964	16	Jet	57	2½	0-57	57	Sand and gravel	12	11-13-64	--	--	--	--	Test	Destroyed. L.
Ly 102	412509N720523.1	do	1964	14	Jet	31	2½	0-31	31	Sand and gravel	12	11-17-64	--	--	--	--	Test	Destroyed.
Ly 103	412507N720502.1	do	1964	30	Jet	22	2½	0-22	22	Sand and gravel, and till	2	11-16-64	60	--	--	--	Test	Destroyed.
Ly 104	412511N720502.1	do	1964	30	Jet	11	2½	0-11	--	Till	--		--	--	--	--	Test	Destroyed.
Ly 105	412537N720507.1	do	1964	43	Jet	85	2½	0-85	--	Sand and gravel	10	11-17-64	76	--	--	--	Test	Drawdown in observation well 78 ft deep and 2 ft away was 9.3 ft when Ly 105 was pumped at 76 gpm. Destroyed. L.
Ly 106	412530N720509.1	do	1964	38	Jet	61	2½	0-61	--	Sand and gravel	3	11-19-64	30	--	1	--	Test	Destroyed. L.
Ly 107	412533N720502.1	do	1964	37	Jet	50	2½	0-50	50	Sand and gravel	4	11-20-64	--	--	--	--	Test	Destroyed.
Ly 108	412530N720504.1	do	1964	40	Jet	70	2½	0-70	--	Sand and gravel	7	11-24-64	--	--	--	--	Test	Destroyed. L.
Ly 109	412533N720509.1	do	1964	62	Jet	62	2½	0-56	56	Sand and gravel	8	11-25-64	--	--	--	--	Test	Destroyed.
Ly 110	412536N720508.1	do	1965	40	Jet	68	2½	0-79	--	Sand and gravel	7	2-19-65	--	--	--	--	Test	Destroyed.
Ly 111	412537N720507.2	do	1965	43	Drl	80	8	0-72	82	Sand and gravel	9	5-15-65	239	49	52	4.9	Test	Finished with 10' of 8-inch screen (80 slot) at 70 to 80 ft. Destroyed. L.
Ly 113	412706N720250.1	Charles Pfizer & Co., Inc.	1965	134	Drl	17	2½	0-17	17?	Sand and gravel	7	7- -65	5	10	--	.5	Test	Drilled to refusal. Destroyed.
Ly 114	412703N720243.1	do	1965	148	Drl	33	2½	0-23	33?	Sand and gravel	2	7- -65	80	15	--	5.3	Test	Drilled to refusal. Finished with 10 ft of 60-slot screen at 23 to 33 ft depth. L.
Ly 115	412702N720237.1	do	1965	132	Drl	52	2½	0-42	55?	Sand and gravel	5	7- -65	35	21	--	1.7	Test	Drilled to refusal. Finished with 10 ft of 30-slot screen at 42 to 52 ft depth.
Ly 116	412702N720237.2	do	1965	132	Drl	48	2½	0-38	50	Sand and gravel	5	7- -65	60	22	140±	2.7	Test	Finished with 10 ft of 30-slot screen at 38 to 48 ft depth. Cluster of 6 similar test wells at this site. L.
Ly 117	412704N720237.1	do	1965	128	Drl	53	2½	0-43	53?	Sand and gravel	1	8- -65	5	27	--	.2	Test	Drilled to refusal. Finished with 10 ft of 30-slot screen at 43 to 53 ft depth. Reset screen at 33 to 43 ft depth. Yield tested after resetting screen.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (foot)	Depth to bedrock (foot)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Ledyard--Continued								
Ly 118	412702N720237.3	Charles Pfizer & Co., Inc.	1965	132	Drl	51	2½	0-36	51?	Sand and gravel	1	8- -65	20	27	--	0.7	Test	Drilled to refusal. Finished with 15 ft of 30-slot screen at 36 to 51 ft depth.
Ly 119	412702N720237.4	do	1965	132	Drl	48	2½	0-38	48?	Sand and gravel	5	8- -65	60	17.5	--	3.4	Test	Drilled to refusal. Finished with 10 ft of 60-slot screen at 38 to 48 ft depth.
Ly 120	412635N720439.1	Dow Chemical Co.	1965	34	Drl	250	6	0-19	14	Bedrock	5	10-21-65	15	240±	4	.06	Ind	At contact of two formations. Yield 12 gpm at 70 ft and 15 gpm at 195 ft. Supplied 19,000 gpd in Jan. 1966.
Ly 121	412634N720432.1	do	1965	43	Drl	295	6	0-30	27	Bedrock	6	11-21-65	21	285±	4	.07	Ind	At contact of two formations. Yield 2 gpm at 55 ft and 21 gpm at 108 ft. New well; not in use 12-2-65.
Ly 122	412634N720427.1	do	1965	47	Drl	300	6	0-12	5	Bedrock	5	10-21-65	30	290±	4	.10	Ind	Near contact of two formations. Yield 9 gpm at 134 ft, 14 gpm at 168 ft, 20 gpm at 204 ft, 24 gpm at 221 ft, 25 gpm at 235 ft, and 30 gpm at 275 ft. New well; not in use 12-2-65.
Ly 123	412627N720456.1	do	1965	35	Drl	59	6	0-51	51	Bedrock (and sand?)	27	10-26-65	.5	40±	4	.01	Ind	New well; not in use 12-2-65.
Ly 124	412623N720500.1	do	1965	36	Drl	168	6	0-25	15	Bedrock	7	10-26-65	4	160±	4	.02	Ind	New well; not in use 12-2-65.
Ly 125	412636N720422.1	do	1965	62	Drl	301	6	0- 7	4	Bedrock	17	11-15-65	7	290±	4	.02	Ind	New well; not in use 12-2-65. Yield 2 gpm at 18 ft, 4 gpm at 90 ft, 5 gpm at 121 ft and 7 gpm at 162 ft.
Ly 126	412631N720438.1	do	1965	48	Drl	306	6	0-17	11	Bedrock	6	12- 7-65	80±	295±	4+	.27	Ind	New well; not in use 12-2-65. Yield 7 gpm at 58 ft, 12 gpm at 70 ft, 15 gpm at 102 ft, 20 gpm at 140 ft, and 24 gpm at 160 ft.
Ly 127	412803N720130.1	Isaac Geer	1965	260	Drl	170	6	0-110	100	Bedrock	12	7- -65	3	158	4	.02	Dom	Near contact of two formations. New well; not in use 12-2-65.
										Town of Montville								
Mv 1	412541N720613.1	The Conn. Light & Power Co.	1925±	24	Drl	165	6	0-165?	124?	Sand and gravel (?)	--		--	--	--	--	Ind	Depth 308 ft before plugging back to 165± or 124 ft depth. Saline since 1940±. Pumped to waste 24 hrs. a day. C.
Mv 2	412542N720613.1	do	1936	24	Drl	143	6	--	122?	Bedrock	27	8-27-63	--	--	--	--	--	Unused; pumpage results in salt water intrusion. Water level measured while nearby Mv 1 (100-ft away) was pumping.
Mv 3	412543N720613.1	do	1922±	24	Drl	151	6	--	127?	Bedrock	--		--	--	--	--	Ind	Mv 3 and Mv 10 supply 100 gpm for makeup and sanitary water. Inadequate in dry summers. C.
Mv 4	412602N720556.1	Continental Can Co. (Paperboard & Kraft Paper Div.)	pre-1895	18±	Dug	20	30	0-20±	--	Sand and gravel	13		--	--	--	--	Ind	Supplies process water.
Mv 5	412608N720611.1	Uncas Water Corp.	1939	30	Drl	65	6	0-48	--	Sand and gravel	24	11-17-39	30	17-	18	1.8-	PS	Packed with 3/4" gravel and finished with 15 ft of 6-inch screen at 48 ft to 63 ft. Supplies about 40 people.
Mv 7	412605N720555.1	Continental Can Co. (Paperboard & Kraft Paper Div.)	1947	25	Drl	182	6	--	--	Unknown	--		15	--	--	--	--	Yield inadequate; destroyed.
Mv 9	412540N720612.1	Conn. Light & Power Co.	1936	22	Drl	500	6	--	--	Bedrock	--		--	--	--	--	--	Yield inadequate; destroyed.
Mv 10	412543N720621.1	do	1949	38	Drl	29	4?	0-24?	26	Sand and gravel	4.9	8-27-63	55	9	2	6.1	Ind	Finished with screen. Flows in springtime. Mv 3 and Mv 10 supply makeup water and sanitary water. Inadequate in dry summers only. C.
Mv 11	412544N720621.1	do	1949	40	Drl	30	6	--	30-	Sand and gravel	--		--	--	--	--	--	Yield inadequate; well destroyed.
Mv 12	412542N720625.1	do	1949?	46±	Drl	35±	4	--	35-	Bedrock	--		--	--	--	--	--	Yield inadequate for industrial supply of 50 gpm; destroyed.
Mv 13	412608N720616.1	do	1952	10	Dug	20+	72±	0-20+	--	Sand and gravel	6		58±	12	4	4.8±	Ind	Combined yield of 115 gpm from Mv 13 and Mv 14 declines to 70 gpm when stainless steel screen is clogged by iron bacteria. C.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Montville--Continued								
Mv 14	412608N720615.1	Conn. Light & Power Co.	1952	10	Dug	31.7	72±	0-32±	--	Sand and gravel	2		57±	12	4	4.8±	Ind	Wells Mv 13 and Mv 14 supply cooling, makeup, and process water. C.
Mv 15	412555N720601.1	Continental Can Co. (Paperboard & Kraft Paper Div.)	pre-1890	18	Dug	17.6	33	0-20±	--	Sand and gravel	15.5	8-29-63	40	2	6	20.0	Ind	Supplies 30,000 gallons per week for sanitary needs.
Mv 16	412558N720559.1	do	1945	8	Drl	90±	6	--	--	Sand	4.7	8-29-63	20	--	--	--	--	Finished with 15 ft of 6-inch screen. Unused since 1960.
Mv 17	412555N720601.2	do	1957	18	Drl	112	6	--	110	Silt and fine sand	--		10?	--	--	--	--	Yield inadequate; well destroyed. L.
Mv 18	412556N720557.1	do	--	10	Dug	15.4	24	0-16±	--	Sand and gravel	13.3	8-29-63	3½-4	1	1	3.5	Ind	Supplies 5,000 gpd for drinking water only.
Mv 19	412618N720617.1	John J. Doyle	--	26	Dug	16.0	80±	0-16±	--	Sand	11.4	9- 4-63	6-7	4±	36	1.6±	Ind	Supplies water for making concrete. Adequate.
Mv 20	412707N720634.1	State of Conn. (New London State Jail)	1956	72	Drl	257	6	0-30	17	Bedrock	37±	-56	50	116	12	.43±	Inst	Water contaminated; well abandoned.
Mv 21	412555N720618.1	Jennie Butler & Mary Zachrick	1926±	64	Dug	59.7	24	0-60	--	Sand and gravel	52.7	9-13-63	--	--	--	--	Dom	Bottom of well finished with 1 ft-2 ft of stone. Supplies 5 people. L.
Mv 22	412615N720631.1	Sidney Blumenthal & Co., Inc.	1937	82	Drl	188	6	0-42	--	Bedrock	22		10	84	8+	.12	Ind	Inadequate for industrial use. Unused; plant idle.
Mv 23	412652N720746.1	Harry Abramson	1943±	152	Drl	400	8	--	--	Bedrock	5±		--	120±	--	--	Ind	Inadequate for bleachery. High iron content reported.
Mv 24	412713N720645.1	State of Conn. (New London State Jail)	1964	70	Drl	300	6	0-26	12	Bedrock	16	-64	33	164	12	.20	Inst	Supplies 100 inmates and 25 employees with 10,000-gpd. Replaced Mv 20. C.
Mv 25	412633N720713.1	Richard Pope	1930	72	Drl	54.2	10	0-57	--	Sand and gravel	8.6	9-18-63	90	17	12	5.3	Ind	Finished with slotted casing at 47 to 57 ft depth. Supplied 1,500 gpd for process and sanitary water needs. Abandoned; plant idle. C.
Mv 26	412634N720716.1	Jamul Products Co.	1948	82	Dug	18.6	24	0-18±	--	Sand and gravel	10.6	9-18-63	--	--	--	--	Ind	Supplied boiler water and 10 people with 50 gpd. Abandoned; plant idle.
Mv 27	412641N720714.1	J. B. Martin Co.	1926±	160	Drl	180±	8 or 6	--	20±	Bedrock	15±		10-	--	--	--	Ind	Abandoned; plant idle.
Mv 28	412707N720816.1	Robertson Paper Box Co., Inc.		230	Dug	13.1	150±	0-14±	--	Sand and gravel	3.6	8-19-63	15	6	6	2.5	Ind	Drawdown and specific capacity based on recovery test dated 2-3-51. Supplies 21,000 gpd, 6 to 7 days per week. Referred to as a "spring." C.
Mv 29	412707N720817.1	do	1957	230	Drl	23	8	0-16	23	Sand and gravel	4.4	8-19-63	20	2	8	10.0	Ind	Gravel packed and finished with 5 ft 8-inch (0.40-slot) screen at 16-21 ft. Supplements supply obtained from Mv 28. C. L.
Mv 30	412708N720818.1	do	1957	230	Drl	200	10 to 6	0-46	24	Bedrock	4.2	9-18-63	15	74	6	.20	Ind	Double cased. Water levels in Mv 29 and Mv 30 measured at different hours. Standby well. C. L.
Mv 31	412727N720837.1	Federal Paper Board Co., Inc.	pre-1926	260	Drl?	36.8	6	--	--	Bedrock	7.5	9-19-63	--	--	--	--	Dom	Supplies 2 people and formerly supplied 8 people. Bedrock crops out 8 ft from well.
Mv 32	412724N720835.1	do	1947	255	Drl	150±	6	--	20	Bedrock	19.4	10- 3-63	12	82	8	.15	Ind	Supplies sanitary water for 45 people. U.S.G.S. observation well. C.
Mv 33	412759N720931.1	L.W. Greiner Co., Inc.	1946	280	Drl	121.6	6	0-41	35	Bedrock	12.5	9-19-63	15±	--	--	--	Ind	Supplied sanitary water (3,000 gpd) for 65 people; adequate.
Mv 34	412840N721133.1	Montville Water Works Co., Inc.	1960	490	Drl	180±	6	--	--	Bedrock	20	-60	6	120	12	.05	--	Bedrock crops out 200± ft south of well. Never used.
Mv 35	412830N721128.1	do	1961	470	Drl	320	6	--	19	Bedrock	7	-61	--	--	--	--	--	Yield inadequate; destroyed.
Mv 36	412828N721125.1	do	1962	470	Drl	350±	6	--	--	Bedrock	--		--	--	--	--	--	Yield inadequate; destroyed.
Mv 37	412828N721126.1	do	1960	485	Drl	207	6	--	--	Bedrock	0-	-60	24	180±	24	.13	PS	Flowed. Mv 37, 38, 39, 41 and 42 supply 1,400± people with 105,000± gpd. C.
Mv 38	412828N721126.2	do	1960	482	Drl	211	6	--	--	Bedrock	0-	-60	18	160±	--	.11	PS	Flowed. Mv 37, 38, 39, 41 and 42 supply 1,400± people with 105,000± gpd. C.
Mv 39	412834N721156.1	do	1961	525	Drl	395	6	0-30	24	Bedrock	4	6- -61	65±	240	24	.3±	PS	
Mv 40	412836N721156.1	do	1962	530	Drl	20	8	0-15	32±	Till	2	7- -60	5±	10.5	36	.5-	PS	Yield inadequate; destroyed.
Mv 41	412837N721159.1	do	1961	530	Drl	300	6	0-67	47	Bedrock	1	8-20-60	50	124	17	.40	PS	Most productive well.
Mv 42	412838N721155.1	do	1962	525	Drl	600	6	0-52	40	Bedrock	8	-62	25	287	12	.09	PS	
Mv 43	412834N721153.1	do	1963	525	Drl	32±	6	0-30?	--	Till	10.3	10- 7-63	2	20±	--	.1±	PS	Drilled to 40 ft depth; pulled back. Yield inadequate; abandoned.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Montville--Continued								
Mv 44	412648N721158.1	Oakdale, Inc.	1961	470	Drl	410	6	0-25	20	Bedrock	6	-61	45	279	24	0.16	PS	Mv 44 and Mv 45 supply 100± homes; ultimately, 220 homes. Water reportedly obtained at 3 different levels.
Mv 45	412648N721202.1	do	1962?	475	Drl	400+	6	--	--	Bedrock	10±		25	90	12	.3±	PS	Water level estimated from nearby Mv 44.
Mv 46	412649N721200.1	do	1963	473	Drl	300+	6	--	--	Bedrock	10±		40	--	--	--	--	New well; not in use 10-7-63.
Mv 47	412931N720541.1	United Nuclear Corp. (Olin Mathieson)	1957	36	Drl	79	8	--	68	Sand	36±	7-19-57	--	--	--	--	Test	Inadequate for industrial supply requiring 100+ gpm; destroyed. L.
Mv 48	412935N720541.1	do	1957	70	Drl	129	8	--	131	Sand and gravel	70	8- 9-57	70	25	102	2.8	Test	Inadequate for industrial supply requiring 100+ gpm; destroyed. L.
Mv 49	412614N720612.1	Continental Can Co. (formerly Robert Grair Co.)	1954	56	Drl	95	12	--	94+	Sand and gravel	46	5- -54	50	--	--	--	Test	Screened 73 to 87 ft. Yield inadequate for industrial use; destroyed.
Mv 50	412614N720612.2	do	1954	56	Drl	84	12	--	84+	Sand and gravel	46	5- -54	110	3±	49	40.0±	Test	Screened 62 to 84 ft. Tested by Ranney Method Water Supplies, Inc.; transmissibility reportedly 98,300 gpd, permeability 1,970 gpd. L.
Mv 51	412614N720612.6	do	1954	19	Drl	85	6	--	85+	Sand and gravel	8	5- -54	--	--	--	--	Test	Observation well for pumping test at Mv 50. Destroyed.
Mv 52	412615N720610.1	do	1954	47	Drl	104	6	--	104+	Sand and gravel	38	5- -54	--	--	--	--	Test	Observation well for pumping test at Mv 50. Destroyed. L.
Mv 53	412613N720619.1	do	1954	20	Drl	35	6	--	32	Sand and gravel	--		--	--	--	--	Test	Observation well for pumping test at Mv 50. Destroyed. L.
Mv 54	412614N720612.3	do	1954	55	Drl	112	6	--	112+	Sand and gravel	45	5- -54	--	--	--	--	Test	Observation well for pumping test at Mv 50. Destroyed.
Mv 55	412615N720608.1	do	1954	43	Drl	90	6	--	90+	Sand and gravel	34	5- -54	--	--	--	--	Test	Screened 65 to 71 ft. Observation well for pumping test at Mv 50. Destroyed.
Mv 56	412615N720608.2	do	1954	55	Drl	95	6	--	95+	Sand and gravel	46	5- -54	--	--	--	--	Test	Screened 75 to 80 ft. Observation well for pumping test at Mv. 50. Destroyed.
Mv 57	412615N720608.3	do	1954	55	Drl	95	6	--	95+	Sand and gravel	46	5- -54	--	--	--	--	Test	Screened 75 to 80 ft. Observation well for pumping test at Mv 50. Destroyed.
Mv 58	412615N720610.2	do	1954	47	Drl	93	6	--	93+	Sand and gravel	38	5- -54	--	--	--	--	Test	Screened 70 to 76 ft. Observation well for pumping test at Mv 50. Destroyed.
Mv 59	412614N720612.4	do	1954	56	Drl	100	6	--	101+	Sand and gravel	46	5- -54	--	--	--	--	Test	Screened 76 to 81 ft. Observation well for pumping test at Mv 50. Destroyed.
Mv 60	412614N720612.5	do	1954	56	Drl	96	6	--	96+	Sand and gravel	46	5- -54	--	--	--	--	Test	Screened 75 to 81 ft. Observation well for pumping test at Mv 50. Destroyed.
Mv 61	412817N721136.1	Board of Education-Town of Montville	1964	520	Drl	305	6	0-56	45	Bedrock	15	1- -64	7	105	5	.07	Inst	Drilled to supply new elementary school.
Mv 62	412814N721134.1	do	1964	515	Drl	125	6	0-47	35	Bedrock	11.0	4- 8-64	22	106	8	.21	Inst	Situated 320± ft south of Mv 61. To supply 650+ pupils and employees at elementary school.
Mv 63	412826N720511.1	G. & J. Water Co., Inc.	1960	180	Drl	100	8	0-100	100+	Sand and gravel	3	4- 1-64	70	76	50	1.1	PS	Supplied up to 120 homes with 60,000± gpd until supplemented by Mv 64. Sand and gravel underlies till. Gravel packed, finished with slotted casing at 91 to 96 ft. C. L.
Mv 64	412826N720511.2	do	1961	178	Drl	112	8	0-112	112+	Sand and gravel	6	12-27-61	90	29	38	3.1	PS	Situated 70 ft east of Mv 63. Sand and gravel underlies till. Gravel packed and finished with slotted casing. L.
Mv 65	412841N720521.1	Lathrop Brothers	1955	150	Drl	40	8	--	35	Till	--		2±	--	--	--	--	Yield inadequate; destroyed.
Mv 66	412849N720527.1	do	1955	112	Drl	37±	8	0-37±	37+	Sand and gravel	8		110	17	24	6.5	--	Yield adequate for public supply; destroyed because of possible contamination from nearby sewers.
Mv 67	412843N720525.1	do	1959	142	Drl	80	6	0-40	35±	Bedrock	5±		--	--	--	--	Dom	Supplies 5 people. Supplanted dug well with high iron content. C. L.
Mv 68	412828N720516.1	do	1959	190	Drl	133	8	0-128	--	Sand and gravel	22	-59	10+	48	--	.2	Dom	Supplies 5+ people. Reportedly not developed to maximum capacity. Yield and drawdown based on recovery test.
Mv 69	412830N720526.1	do	1961	215	Drl	120	6	0-112	107	Bedrock	12	-61	3	88	--	.03	Dom	Supplied 6 people. Destroyed.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Montville--Continued								
Mv 70	412606N720641.1	Town of Montville	1945±	98	Drl	187	6	--	--	Bedrock	37.8	9-11-64	8	--	--	--	Inst	Supplies 100± gpd for Town Hall and is standby supply for nearby school. High iron content.
Mv 71	412603N720621.1	Southern New England Telephone Co.	1949	63	Drl	223	6	0-141	137	Bedrock	55.6	9-17-64	5+	45	1	0.11	Ind	Supplies 200 gpd for sanitary needs. Situated 28 ft from Mv 72.
Mv 72	412603N720621.2	John & Irene Linski	1948	62	Drl	67.8	6	0-72±	72+	Sand and gravel	55.6	9-17-64	18±	18	2+	1±	Dom	Supplies 10± people with 500± gpd. Cistern supplies 500± gpd for washing and cooking.
Mv 73	412609N720635.1	Dahl Oil Co., Inc.	1937	90	Drl	503	6	0-15±	12±	Bedrock	25	-37	0.5-	65	3+	.08-	Com	Main water bed reported at 120 to 130 ft. Supplies filling station with 500± gpd. High iron content.
Mv 74	412609N720635.2	do	1944±	88	Drl	149	6	0-33	28	Bedrock	25±	-44±	5±	90	1	.06-	Dom	Treated for very high iron content.
Mv 75	412835N720451.1	State of Conn. (Fort Shantok State Park)	1935±	78	Drl	75	6	--	--	Unknown	12.4	9-18-64	--	--	--	--	Inst	Supplies 2,000-gpd for park 4 months of year.
Mv 76	412721N720455.1	Richard Marble	1800±	10	Dug	10.2	30	0-10+	--	Sand and gravel	8.7	10- 8-64	--	--	--	--	Dom	Supplies 6 people. Detergent contamination solved by replacing cesspool with septic tank. Situated 200± ft from Thames River.
Mv 77	412618N720626.1	Uncasville Park Assoc.	1954	80	Drl	265	6	0-24	17	Bedrock	20±		5±	130±	--	.04±	Dom	Water level estimated from nearby Mv 22. Formerly supplied 21 families with 2,400 gpd. Inadequate and very high iron content. Supplied one family in September 1964.
Mv 78	412627N720622.1	Thames Permacrete Corp.	1952	45	Dug	23.4	30	0-26±	--	Sand	22.7	4- 8-65	15-	1+	1	--	Ind	Drawdown 1 ft when pumped at 15 gpm during construction when diameter was 7 ft. Inadequate; abandoned.
Mv 79	412627N720622.2	do	1954	48	Dug	27.3	24	0-27±	--	Sand	--		--	--	--	--	Ind	Inadequate; abandoned.
Mv 80	412625N720622.1	do	1956	55	Drl	140	6½	0-30	31	Bedrock	25	-56	9	--	--	--	Ind	Supplies about 2,500 gpd for making concrete products.
Mv 81	412720N720633.1	New London-Norwich Drive-In, Inc.	1949	80	Drl	168	8	0-50	38	Bedrock	15	10- -64	7	--	--	--	Com	Inadequate; replaced by Mv 82.
Mv 82	412721N720631.1	do	1964	80	Drl	140	6	0-24	23	Bedrock	6	8- -64	15	--	½	--	Com	Yield 2± gpm at depth of 28 ft during drilling. Supplies 1,100± gpd.
Mv 83	412719N720638.1	do	1953	72	Dug	35	30	0-35	35+	Sand and gravel	6	-53	42±	28	3	1.5	Com	Inadequate; destroyed. Replaced by Mv 81.
Mv 84	412837N721159.2	Montville Water Works Co., Inc.	1960	530	Drl	19	8	0-15	--	Till	1	8- -60	10	11	9	.9	PS	Drawdown in observation well 450 ft away was one inch after pumping Mv 84 at 10 gpm for 9 hrs. Inadequate; destroyed.
Mv 85	413041N721322.1	St. Thomas More School	1960	402	Drl	105	6	--	35±	Bedrock	10	-60	12	--	--	--	Inst	Supplies dining room and 7 cabins in summer.
Mv 86	413048N721322.1	do	1964	400	Drl	100	6	0-94	100±	Sand and gravel	15	11- -64	30	--	10	--	Inst	Mv 86 and 87 are main supply for prep school in winter and camps in summer.
Mv 87	413049N721322.1	do	1930	394	Dug	16	36	0-16	--	Sand and gravel	6±		--	--	--	--	Inst	Formerly sole supply for 135 prep school students. Inadequate in summer.
Mv 88	413034N721320.1	do	1960	390	Dug	16.3	36	0-16	--	Sand and gravel	8.7	7- 1-65	--	--	--	--	Inst	Supplies various school and camp buildings. Adequate.
Mv 89	413039N721248.1	do	1965	475	Drl	155	6	--	--	Bedrock	6.4	7- 1-65	15	--	--	--	Dom	
Mv 90	412653N720749.1	All-Time Manufacturing Co.	1898±	154	Dug	9.5	24	0-10±	10±	Alluvial silt and clay	3.1	8-12-65	1-	5	--	.2-	Ind	Yield inadequate; abandoned.
Mv 91	412845N720543.1	Robert Besade		200	Drl	123	6	0-69	63	Bedrock	17		6	--	--	--	Dom	Supplies one family; adequate.
Mv 92	412918N721235.1	Edward Szachna	1963	420	Dug	18	30	0-18±	--	Sand	10	-63	1-	8	8	.1	Dom	Supplies one family with 300 gpd.
Mv 93	412725N721041.1	William Mulvaney	1963	387	Drl	310	8	0-32	22	Bedrock	0±1	3- 4-63	70 -	205	24	.34-	PS	Supplies 3 houses. Planned to supply 35± houses with 100,000 gpd.
Mv 94	412713N720626.1	A. Longo, Jr.	1956	75	Drl	105	6	--	--	Bedrock	--		--	--	24	--	Com	Supplies 4 stores; adequate.
Mv 95	412620N720619.1	John J. Doyle	1945	30±	Drl	135	6	0-35±	30	Bedrock	15±10		6	55±	--	.11	Dom	Supplies 3 families totaling 13 people.
Mv 96	412708N720810.1	Robertson Paper Box Co., Inc.	1965	215	Drl	500	8	0-11	2	Bedrock	15	8- -65	1	--	--	--	Ind	Inadequate; capped.
Mv 97	412705N720809.1	do	1965	225	Drl	300	6½	0-20	9	Bedrock	20	7- -65	2.5	--	--	--	Ind	Inadequate; capped.
										Town of New London								
NL 1	412037N720542.1	U.S. Coast Guard (Fort Trumbull)		10	Dug	17.0	24	--	17+	Till	7.2	7- 7-37	--	--	--	--	Obs	Abandoned. U.S.G.S. observation well.
NL 3	412103N720629.1	New London & Mohegan Dairies, Inc.	1932±	30	Drl	260	6	0-31	15	Bedrock	10±	-32±	50	--	--	--	Ind	Supplies 12,000 gpd for cooling milk and dairy products. Adequate. C.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set, from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Static water level: Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
Town of New London--Continued																		
NL 4	412111N720636.1	Southern New England Ice & Oil Co.	1937	52	Drl	200	6	--	18	Bedrock	8	-37	54	--	--	--	Ind	Supplies 75,000 gpd for cooling. Inadequate in very dry summers only. Water too saline for ice manufacture. C. L.
NL 6	412250N720629.1	Connecticut College		242	Dug	16.2	24	--	16+	Till	11.3	8-21-41	--	--	--	--	Inst	Formerly supplied drinking water. Destroyed.
NL 10	412105N720555.1	New London Historical Society		10	Dug	21.7	36	--	22+	Till	16.6	7-27-64	--	--	--	--	Obs	U.S.G.S. observation well. Water level measurements (1956-1964) listed in Conn. Water Resources Bulls. 2 and 7. Aquifer formerly listed as sand and gravel.
NL 13	412218N720656.1	William F. Tarry	pre-1912	87	Dug	9	--	--	9+	Sand	5.4	7-18-63	--	--	--	--	Dom	Supplies 2 people.
NL 14	412215N720658.1	Mary Lewis	1948	88	Drl	100±	6	--	14	Bedrock	20±	-48	5	80±	--	0.06	Dom	Drawdown and specific capacity based on recovery test. Supplies 2 people. C.
NL 15	412248N720619.1	Connecticut College	1956	214	Drl	405	8	0-51	43	Bedrock	26.3	8-26-63	22	170	9	.13	Inst	Near contact with "Granite and gneiss." Standby well. U.S.G.S. observation well. C. L.
NL 16	412058N720628.1	Guy F. Radway	1932	18	Drl	60±	6	0-28	28	Bedrock	6	-32	30±	--	24+	--	Ind	Supplies 10,000 gpd for washing and cooling. Adequate. C.
NL 17	412122N720541.2	M. Freeman & Co.	1933?	8	Drl	140	8	0-15	15	Bedrock	5.5	10-23-63	19	130	14	.15	Ind	Probably deepened from 53 ft depth. Formerly supplied 8,000 gpd for cooling. Brackish; abandoned.
NL 18	412122N720541.1	do	1952±	8	Drl	310	6	--	--	Bedrock	5.5	10-23-63	3	--	--	--	Ind	Situated 1.5 ft from NL 17; 2 wells reportedly connected at depth. Supplied 14,000 gpd for slaughtering until 1955. Brackish, unsuitable for drinking and cooling. Supplies 1,000 gpd for washing.
NL 19	412119N720545.1	Beit Brothers	1938	32	Drl	300	8 to 6	0-22	10	Bedrock	--		3	--	--	--	Com	Inadequate for supply requiring 40 gpm; unused.
NL 20	412102N720630.1	New London & Mohegan Dairies, Inc.	1944±	38	Drl	305	6?	--	--	Bedrock	--		10	--	--	--	Ind	Supplies 2,000 gpd for air conditioning during 4 summer months only. C.
NL 21	412055N720627.1	Beit Brothers	1951	36	Drl	140+	6	0-15±	10±	Bedrock	0		50	120	12+	.42	Com	Supplies water for washing, drinking, air conditioning and all other needs; pumped continuously. Adequate.
NL 22	412132N720623.1	Sheffield Company	1953±	101	Drl	455	6	0-35	35	Bedrock	33.3	5-27-64	8	140±	6±	.06	Ind	Supplied water for cooling for one summer. Rust in water; unused.
NL 23	412131N720622.1	do	1953±	102	Drl	177	6	0-29	29	Bedrock	34.7	5-27-64	6±	140±	5+	.04	Ind	Situated 150 ft east of NL 22. Water level declined when NL 22 was pumped at 8+ gpm. Yield inadequate; abandoned.
Town of North Stonington																		
NSn 1	412521N715320.1	York's Garage	1951	160	Drl	100	6	--	20	Bedrock	--		2	--	--	--	Dom	Reported yield 2½ gpm.
NSn 2	412719N714915.1	Albert D. Kuehn	1951	110	Drl	48	6	--	18	Bedrock	6±	-51	8	--	--	--	Dom	Flowed when drilled.
NSn 3	412811N715033.1	Atwood Anderson	1951	180	Drl	85	6	--	15	Bedrock	9±	-51	3.5	--	--	--	--	Drilled in 15-ft dug well. Supplies 5 people and stock. Adequate.
NSn 4	412816N715000.1	Carl Fried	1949	200	Drl	100	6	--	55	Bedrock	-		3	--	--	--	Dom	C.
NSn 5	412623N715250.1	Frank Stolpa	1949	150	Drl	75	6	--	20	Bedrock	30±	-49	6	--	--	--	Dom	Supplies 4 people. Adequate, but iron content high. C.
NSn 6	412705N715235.1	Jerry Leaycraft	1950	285	Drl	100	6	--	8	Bedrock	--		2	--	--	--	Dom	
NSn 7	412714N715303.1	Ansell Coats	1950	265	Drl	78	6	--	7	Bedrock	13±	4- -50	3	--	--	--	Dom	Supplies 9 people; inadequate. C.
NSn 8	412634N715232.1	Charles Barker	1949	150	Drl	62	6	--	18	Bedrock	20	-49	6	--	--	--	Dom	Drilled in 14-ft dug well. Supplies 4 people. Adequate.
NSn 9	412625N715309.1	Maude Price	1950	145	Drl	98	6	--	25	Bedrock	--		6	--	--	--	Dom	Near contact with "Granite and gneiss."
NSn 10	412559N715537.1	Wychwood Farms		270	Dug	10	30	0-10±	--	Unknown	1.2	5- 6-58	--	--	--	--	--	Abandoned.
NSn 11	412615N715505.1	G. Baranowski	1957	240	Drl	70	6	0-13	9	Bedrock	26	10-28-57	3	44	1	.07	Dom	C.
NSn 12	412615N715233.1	Westerly Tool & Die	1955	165	Drl	81	6	0-17	13	Bedrock	16	8- 4-55	3	--	--	--	Dom	At contact of two formations. Yield inadequate.
NSn 13	412907N715220.1	M. Tatun	1957	310	Drl	77	6	0-14	14	Bedrock	11	7-26-57	3	64	1	.04	Dom	
NSn 14	412747N715009.1			145	Drl	41	--	--	40-	Bedrock	10	5- 6-58	--	--	--	--	--	
NSn 15	412659N714920.1	Leroy Main	1955	200	Drl	144	6	--	58?	Bedrock	28	12-10-55	3.5	--	1	--	Dom	Drilled in dug well. C.
NSn 16	412644N714929.1	D. Street	1956	215	Drl	102	6	0-22	14	Bedrock	15	4- 2-56	5	87	1	.06	Dom	Till overlies bedrock.
NSn 17	412555N715038.1	John Pietrowski	1956	135	Drl	112	6	0-27	25	Bedrock	25	10- -56	2	75	1	.03	Dom	C.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
Town of North Stonington--Continued																		
NSn 18	412454N715124.1	William Miner	1955	112	Drl	51	6	0-8	8	Bedrock	10	9- -55	5	--	--	--	Dom	Gravel overlies bedrock.
NSn 19	412632N715220.1	J. McGowan		135	Dug	14	24	0-14±	--	Unknown	7.8	5- 6-58	--	--	--	--	--	Contaminated; abandoned.
NSn 20	412634N715229.1	C. Govitt	1957	150	Drl	85	6	0-11	7	Bedrock	8	4- -57	3	77	1	0.04	Dom	
NSn 21	412658N715205.1	Walter E. Kuta	1957	250	Drl	75	6	0-15	11	Bedrock	18	8- -57	6	57	1	.11	Dom	
NSn 22	413031N714927.1	George Culver		421	Dug	16.8	40	--	17	Till	6.4	4-14-59	--	--	--	--	None	Contaminated; abandoned. Published in Conn. Water Resources Bull. No. 9.
NSn 24	413029N715024.1	Robert Palmer Estate	pre-1880	475	Dug	15.9	28±	--	--	Till	6.1	4-14-59	--	--	--	--	Agr Dom	Supplies 12 cattle; adequate. Published in Conn. Water Resources Bull. No. 9.
NSn 25	413006N715041.1	Pendleton Hill Baptist Church		475	Dug	27.4	30	0-27±	--	Till	21.0	10- 2-63	1-	3	.1	--	None	U.S.G.S. observation well. Published in Conn. Water Resources Bull. No. 9.
NSn 29	412516N715259.1	E. J. Murphy & Sons, Inc.	1958	105	Drl	30	8	0-20	--	Sand and gravel	2	11-18-58	223	5.4	9	41.3	PS	Gravel packed and finished with 10 ft of 8-inch screen (0.080 slot) at 20 to 30 ft. Supplies 27,000± gpd for 128 homes. C. L.
NSn 30	412440N715041.1	Hugo E. Wirtanen	1958	35	Dug	14.0	30	0-13.5	--	Sand and gravel	6.8	8-26-63	20±	6	2+	3.3±	Agr Dom	Supplies about 600 gpd for 3 people and 11,000 chickens. C. L.
NSn 35	412927N715410.1	Philip Shafer	1962	340	Drl	65	6	0-24	19	Bedrock	17.5	9-28-63	4	--	--	--	Dom	Drilled in dug well. Adequate. Situated in Quinebaug basin and published in Conn. Water Resources Bull. No. 9. Water level measured in dug well.
NSn 36	412953N715416.1	George & Eric Berg	1961	336	Drl	65	6	0-60	60	Bedrock (and sand and gravel ?)	30	5- -61	40+	35	--	1.14-	Agr	Near contact of two formations. Sand and gravel overlie bedrock. Supplies 16,000 chickens. Situated in Quinebaug basin and published in Conn. Water Resources Bull. No. 9.
NSn 37	412952N715418.1	do	1915±	332	Drl	88	6	--	--	Bedrock	33		--	51	1.5	--	Agr	Near contact of two formations. Situated in Quinebaug basin; not published in Conn. Water Resources Bull. No. 9. Supplies 5 people and 4,700 chickens.
NSn 39	412723N715654.1	Conn. Silica Co.	1960±	135	Drl	--	6	--	--	Bedrock	10.0	7-24-64	--	--	--	--	Ind	Near contact with 2 formations. Supplies 500- gpd for 20 employees. C.
NSn 40	412626N715346.1	North Stonington Water Co.	1963	170	Drl	280±	6	0-22	17	Bedrock	18	10- -63	150-	--	--	--	PS	One of 4 bedrock wells at site and only one in use. Supplied 400± people in 1965. Situated near presumed fault. Water extremely hard. C.
NSn 41	412626N715346.2	do	1963	170	Drl	280	6	0-24	16	Bedrock	21	10- -63	150-	--	--	--	PS	Standby for NSn 40. Situated near presumed fault. Water extremely hard.
NSn 42	412607N715325.1	do	1963	144	Drl	260±	6	0-24±	22±	Bedrock	6.8	6-24-65	--	--	--	--	PS	Water extremely hard. Abandoned.
NSn 43	412607N715325.2	do	1963	142	Drl	300±	6	0-22±	20±	Bedrock	6.6	6-24-65	10	--	--	--	PS	Water extremely hard. Abandoned.
NSn 46	412723N715422.1	T. A. Gould	1925±	162	Drl	27	6	0-27	--	Gravel	10		22	--	--	--	Dom	Supplies 2 people; adequate.
NSn 47	412655N715334.1	Eastern Water Co., Inc.	1965	150	Drv	36.7	2	0-37	41	Sand and gravel	.7	6-29-65	35±	--	8	--	Test	Drawdown measured in observation well NSn 48, 2 ft away was 1 ft after pumping 35± gpm for 8 hrs.
NSn 48	412655N715334.2	do	1965	150	Drv	37	2	0-37	41	Sand and gravel	.8	6-29-65	35±	--	8	--	Test	Drawdown measured in observation well NSn 47, 2 ft away was 1 ft after pumping 35± gpm for 8 hrs. L.
NSn 49	412657N714829.1	Howard Dean	1965	85	Drl	120	6	0-80	75	Bedrock	15	7- -65	12	105	4	.11	Dom	Supplies 6 people; adequate.
NSn 50	412656N715338.1	North Stonington Water Co.	1965	152	Drl	41	2½	0-31?	--	Sand and gravel	5	7- -65	126	--	--	--	Test	Tested with 10 ft of 2½-inch screen (60 slot). Destroyed; NSn 51 drilled at same site.
NSn 51	412656N715338.1	do	1965	152	Drl	35	24 to 12	0-25	38±	Sand and gravel	5	9- -65	225	17	24	13.2	PS	Gravel packed and finished with 10 ft of 12-inch screen (120 slot) at 25 to 35 ft. New well; not yet in use when visited. L.
Town of Norwich																		
Nwh 1	413125N720442.1	Lord Theater	1946	15	Drl	325	8	--	0	Bedrock	--		20	50	6	.40	--	Building demolished; well destroyed.
Nwh 3	413126N720435.1	Conn. Bank & Trust Co.	1939	20	Drl	184	6	0-13	0	Bedrock	20±		45	75±	9	.6±	--	Inadequate for air-conditioning only twice in very dry years. Brackish; abandoned.
Nwh 4	413130N720443.1	A. Duch	1890±	65	Dug	19.6	30	--	--	Till	7.5	7-16-46	--	--	--	--	Dom	Abandoned. U.S.G.S. observation well; water level measurements available July 1946 to Dec. 1948.
Nwh 5	413318N720646.1	Chambers Storeck Co.	1954±	98	Drl	125	6	--	--	Bedrock	6	-54±	2 - 3	--	--	--	--	Inadequate; destroyed.
Nwh 6	413317N720646.1	do	1865?	95	Dug	20	--	0-20	20	Sand and gravel	6		--	--	--	--	--	Supplied 1,500 gpd of drinking water until public supply became available; destroyed.
Nwh 8	413142N720427.1	J. B. Martin Co.	1902±	32	Drl	200±	6	--	65	Bedrock	10±		20+	--	--	--	Ind	Yield 40± gpm in 1905±; declined to 10± gpm in 1946 reportedly due to silting of well and pumping of nearby wells. City water is chief supply for boilers, dying, etc.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Static water level: Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Norwich--Continued								
Nwh 9	413138N720429.1	J. B. Martin Co.	1930	28	Drl	300	6	--	65	Bedrock	6.4	10-28-63	40	270±	--	0.15	Ind	Depth 200 ft before deepening in 1933± because of declining pumping level. Yield 43+ gpm in 1930; declined to 10+ gpm in 1957 reportedly due to pumping of nearby wells. C.
Nwh 10	413135N720430.1	do	1932	25	Drl	315	8	0-65	64	Bedrock	11	7-13-32	100	--	--	--	Ind	Perforated casing 45 to 65 ft depth. Yield declined to 25+ gpm reportedly due to pumping of nearby wells. Wells Nwh 8, 9, and 10 combined supplied 58,000 gpd in 1957 and about 30,000 gpd in 1963.
Nwh 15	413033N720445.1	American Thermos Products Co.	1955	60	Drl	135	6	0-20±	19	Bedrock	60	11- -55	55	70	500±	.79	Ind	Supplies 2,000 gpd. C.
Nwh 16	413144N720426.1	J. B. Martin Co.	pre-1930	35	Drl	210	--	--	65	Bedrock	--		15±	--	--	--	--	Yield inadequate; destroyed.
Nwh 17	413139N710429.1	do	1932	30	Drl	50	8	0-50	64	Silt and sand	10±		10	40-	--	.3±	--	Drilled into bedrock; pulled back to 50 ft. Perforated casing 40 to 50 ft depth. Yield inadequate and silt in water; destroyed.
Nwh 18	413137N720429.1	do	1926	27	Drl	203	10 to 6	0-115	60±	Bedrock	10±		15	170	18	.09	--	Triple-cased. Yield declined after nearby wells drilled. Water became brackish; destroyed.
Nwh 19	413330N720632.1	Norwalk-Wilbert Vault Co., Inc.	1940±	160	Drl	75±	6	--	--	Bedrock	--		7	--	--	--	Ind	Supplies 1,000 gpd for making concrete. Inadequate; supplemented by Nwh 20. C.
Nwh 20	413331N720628.1	do	1959±	140	Dug	22	120	0-22	12	Till and bedrock	12	-59±	--	10	8	--	Ind	Blasted 10 ft into bedrock. Finished with 10-inch to 18-inch concrete pipe laid horizontally at 10 to 22 ft depth. Supplies 1,000 gpd.
Nwh 21	413332N720633.1	Mrs. Antonia Woodworth	1955	190	Drl	286	6	0-20±	--	Bedrock	40	-55	7	210	2	.03	Dom	Standby to supplement Nwh 19 and 20 if needed.
Nwh 22	413249N720450.1	City of Norwich (Thomas J. Kelly Jr. High School)	1961	280	Drl	300	8	0-26	14	Bedrock	9	2- 4-61	50	55	8	.91	Inst	Supplies 1,200 pupils and 72 employees. C. L.
Nwh 23	413250N720608.1	B and M. Realty Co.	1958±	83	Drl	84	6	0-80	--	Sand and gravel	9±	-58±	75	35	10	2.1	Com	Supplies 70,000 gpd, chiefly in summer.
Nwh 24	413251N720608.1	do	1958±	84	Drl	65	6	--	--	Sand and gravel	10	-58±	35	35	8	1.0	Com	Supplies 30,000 gpd, summers only. Situated 200 ft northwest of Nwh 23. C.
Nwh 25	413129N720507.1	Yantic Grain & Products	1946	15	Drl	493	6	0-68	57	Bedrock	10.1	6- 2-64	12	58	8±	.21	Ind	Yield 3 gpm at 150 ft depth. Supplies coolers, refrigerator. Inadequate. C.
Nwh 26	413233N720523.1	William W. Backus Hospital	1913?	112	Drl	250	8	--	--	Bedrock	34.9	6- 4-64	11	195±	2±	.06	Inst	Polluted; use discontinued.
Nwh 27	413010N720727.1	Harry M. Johnson	1963	52	Dug	8.6	12	0-10	--	Sand and gravel	1.3	6-23-64	15	7.5	.5	2.0	Dom	Supplies 100 gpd. C. L.
Nwh 28	413103N720439.1	Norwich Oil Co., Inc.	1955	4	Drl	225	6 to 3	--	40±	Bedrock	1.1	7-24-64	--	--	--	--	--	Triple cased. Water level measured 1.2 ft in 3-inch casing and 3.7 ft in 6-inch casing at same time. Brackish; abandoned.
Nwh 29	413103N720439.2	do	1933	4	Drv	18	1½	0-18	--	Sand and gravel	3±		--	--	--	--	Com	Situated 20 ft from Nwh 28. Supplies sanitary water for 5 employees. Bottled water used for drinking.
Nwh 33	413247N720533.1	Beebe's Dairy	1935±	82	Drl	28	6	--	--	Sand and gravel	14±		--	--	--	--	Com	Supplied dairy. Three wells formerly supplied total of 300,000 gpd for dairy, in 1951. Yield inadequate; abandoned.
Nwh 34	413247N720533.2	do	1947	83	Drl	300	6	0-53	--	Bedrock	12±		40+	--	--	--	Com	Supplies restaurant with all except water for boilers. Water too hard for boilers.
Nwh 35	413247N720533.3	do	1953	84	Drl	310	6	--	--	Bedrock	12±		35±	90	--	.4±	Com	Yield inadequate for all restaurant needs; supplements Nwh 33.
Nwh 36	413140N720523.1	Ulmer Leather Co.	1890's	50	Drl	115	6	--	20	Bedrock	15	-03±	10	--	--	--	Ind	Data from U.S.G.S. Water Supply Paper 232, p. 83. Yield inadequate; abandoned.
										Town of Old Lyme								
OL 4	411810N721623.1	J. Beebe	1956	105	Drl	115	6	0-30	5	Bedrock	20	8-24-56	5	90	1	.06	Dom	
OL 5	411912N721535.1	Norman Schapleigh	1955	120	Drl	250	6	0-26	5	Bedrock	75?	7- 5-55	2	175	1.5	.01	Dom	Adequate. C.
OL 8	411902N721532.1	Ralph Stanton Cement Works	1953±	44	Dug	10.3	30	0-10+	--	Sand and gravel	4.7	7-31-63	5+	2±	12	2.5	Ind	Supplies 1,000 gpd for making concrete.
OL 10	411731N721641.1	Old Lyme Shores	1926±	32	Drl	325	6	--	--	Bedrock	30-		20	150±	200	.13	PS	OL 10, 11, and 12 supply 900± people weekdays, 2700 people on weekends during summer months. Peak demand 500,000 gpd in July and August. High iron content in OL 10. C.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Old Lyme--Continued								
OL 11	411734N721642.1	Old Lyme Shores	1938±	32	Drl	535	8	--	--	Bedrock	30-		8	180	150	0.04	PS	Deepened from 300 ft depth.
OL 12	411733N721644.1	do	1948	30	Drl	300	8	--	--	Bedrock	6±		20	194±	150	.10	PS	High iron content.
OL 13	411733N721652.1	do	1949±	25	Drl	25	8	0-25±	--	Sand and gravel	8	-49±	13-14	12	48	1.1	PS	OL 13 and 14 hooked up to one pump.
OL 14	411733N721652.2	do	1949±	25	Drl	25	8	0-25±	--	Sand and gravel	8	-49±	13-14	12	16	1.1	PS	
OL 15	411650N721818.1	White Sands Beach	1920	8	Drv	20	2	0-20	--	Sand and gravel	4		25	10±	12+	2.5+	PS	OL 15, 16, 17 and 18 supply 700± people on weekdays, 2,200 people on weekends during summer months. C.
OL 16	411650N721818.2	do	1920	8	Drv	20	2	0-20	--	Sand and gravel	4		17	10	15+	1.7	PS	Well points for OL 15, 16, and 17 reportedly replaced about every other year. C.
OL 17	411650N721818.3	do	1920	8	Drv	20	2	0-20	--	Sand and gravel	4		17	10	15+	1.7	PS	OL 15, 16, 17 pumped for 2 months each with only short nightly shutdowns. C.
OL 18	411703N721811.1	do	1915±	13	Dug	25	72	0-25±	--	Sand and gravel	7		8	16	96	.5	PS	Only one of 4 wells (OL 15-18) pumped throughout year.
OL 20	411748N721529.1	Point O'Woods	1943	14	Dug	27	72	0-27	--	Sand and gravel	6	4-12-60	20±	11±	8+	1.5±	PS	Test hole drilled in bottom of dug well to 50 ft depth. OL 20, 21, 22, 23, 24, 25, and 26 supply 380 families with 100,000 gpd on weekdays and 300,000 gpd on weekends during summer months. High iron content in OL 20. L.
OL 21	411748N721525.1	do	1954	10	Drl	24	2½	0-24	--	Sand and gravel	2	-54	75±	7±	3.5	11±	PS	Four 2½-inch wells at this site and 2 ft apart. Screen at 19 to 24 ft depth. OL 20, 21, and 22 supply 65 percent of consumption. Combined yield of 2 wells 75 gpm. C.
OL 22	411748N721525.2	do	1960	10	Drl	25	8	0-20	--	Sand and gravel	8	-60	82+	15	24+	5.6	PS	Gravel-packed and finished with 5 ft of 8-inch screen at 20 to 25 ft of depth.
OL 23	411750N721525.1	do	1925±	16	Drl	150±	6	0-30	--	Bedrock	12±		20	130±	8	.15	PS	Supplies about 25,000 gpd, 7 months of year. High iron content. C.
OL 24	411750N721525.2	do	1931	16	Drl	384	6	0-50±	--	Bedrock	8		60	190±	--	.32	PS	Supplies about 10,000 gpd, 7 months of year. High iron content.
OL 25	411747N721529.1	do	1949	12	Dug	18.5	48	0-20±	--	Silt and clay	10.7	8- 9-63	--	--	--	--	--	Odor of vegetation and sulfur; abandoned.
OL 26	411750N721511.1	do	1931	45	Drl	488	6	0-30	1	Bedrock	40	-31	2	340±	1	.06	PS	Yield inadequate; destroyed.
OL 27	411741N721708.1	Mile Creek School	1962	53	Drl	350	6	0-42	18	Bedrock	11.3	8-14-63	5	330	8	.02	Inst	Water encountered at 80 ft depth; yield 5 gpm at 140 ft depth, no additional water encountered at greater depth. OL 27 and 28 will supply new school. C. L.
OL 28	411745N721707.1	do	1962	58	Drl	231	6	0-15	10	Bedrock	12.0	8-14-63	7	188	7	.04	Inst	Situated 400 ft north of OL 27. Water (5 gpm) encountered at 18 ft depth; Two gpm additional obtained to bottom.
OL 43	411703N721657.1	Mr. Hannifin		10	Dug	20	--	0-20±	--	Sand and gravel	6.9	8- 2-57	--	--	--	--	--	
OL 48	411704N721640.1	J. Perone		5	Drl	110	6	--	--	Bedrock	8.3	8- 5-57	--	--	--	--	--	Sand overlies bedrock. Unused because of contamination resulting from flooding of area by sea water.
OL 49	411708N721643.1	N. Corsino		5	Dug	10.5	18	0-10+	--	Sand and gravel	2.2	8- 5-57	--	--	--	--	--	High iron content. Building demolished; well destroyed.
OL 50	411805N721513.1	Mr. Burr	1963	33	Drl	260	6	0-35	30±	Bedrock	20±	-63	2	--	--	--	Dom	Reported yield 2.5 gpm.
OL 51	411803N721512.1	Terra, Inc.	1963	40	Drl	298	6	0-8	--	Bedrock	--		1	--	--	--	Dom	Reported yield 1 to 1.5 gpm. C.
OL 52	411759N721515.1	Fred Minson	1964	70	Drl	695	6	0-12	6	Bedrock	10	1-11-64	0	--	--	--	Dom	Dynamited at bottom and at 140 ft to 200 ft depth with no increase in yield. Reported yield 0.1-gpm.
OL 53	411800N721514.1	do	1964	60	Drl	350	6	0-12	8	Bedrock	10±	2-28-64	0	--	--	--	Dom	Dynamited with no increase in yield. Reported yield 10± gallons per hour.
OL 54	411759N721516.1	do	1964	58	Drl	245	6	0-10	4	Bedrock	4	3-28-64	1.5	--	--	--	Dom	Most productive and topographically the lowest of 3 wells at this site. Main water at 125 ft depth.
OL 55	411800N721520.1	Terra, Inc.	1964	35	Drl	247	6	0-12	7	Bedrock	10	4- 6-64	3	--	--	--	Dom	
OL 56	411759N721521.1	do	1964	25	Drl	125	6	0-14	--	Bedrock	10	4- 8-64	15	--	--	--	Dom	Near contact of two formations.
OL 57	411711N721639.1	Elizabeth C. Doyle	1909?	10	Dug	11.8	24	0-12+	--	Sand and gravel	9±		--	--	--	--	Dom	Supplies 10+ people during summer months. Water level 10.4 ft on 7-28-64 during recovery from pumping.
OL 58	411715N721630.1	Sound View Improvement Co., Inc.	1914±	9	Dug	14.5	120	0-15	--	Sand and gravel	4		25	10	18	2.5	PS	Wells OL 58, 59, and 60 supplied 2,500± people. Inadequate; supplemented by OL 61 and 62. Water level 11.2 ft on 7-28-64 during recovery from pumping. C.
OL 59	411715N721630.2	do	1914±	8	Dug	13.4	180 to 72	0-17	--	Sand and gravel	1		20	17.5	24	1.4	PS	Perforated metal (72-inch) caisson at 13.5 to 17.5 ft. Water level 10.9 ft on 7-28-64 during recovery from pumping.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Old Lyme--Continued								
OL 60	411716N721631.1	Sound View Improvement Co., Inc.	1930±	6	Dug	13.6	276	0-14±	--	Sand and gravel	3.1	7-28-64	55	10	10	5.5	PS	Standby for fire fighting.
OL 61	411715N721630.3	do	1927	7	Drl	311	6	0-39	32	Bedrock	4	9-29-27	30	121	--	.25	PS	Double cased. C.
OL 62	411715N721630.4	do	1945	9	Drl	524	10 to 8	0-40±	--	Bedrock	8		33	165	40	.20	PS	Slightly salty.
OL 63	411710N721658.1	Nunzio Corsino	1946±	17	Dug	12±	48	0-12+	20	Sand and gravel	7.0	7-29-64	60+	16±	4	3.8±	PS	OL 63 and 64 supply 8,000± gpd weekdays and 25,000 gpd weekends during summer months. C.
OL 64	411715N721654.1	do	1946±	9	Dug	11±	72	0-11+	20	Sand and gravel	4.9	7-29-64	60+	14±	4	4.3±	PS	Connected to OL 63 with 4 lengths of 4-inch pipe set in crushed rock.
OL 65	411720N721650.1	do	1946	20	Drl	153.4	6	0-136±	--	Bedrock	10.2	7-29-64	5	--	--	--	--	Main water at 75 ft depth; no additional water at greater depths. Inadequate; abandoned.
OL 66	411655N721707.1	H. P. Garvin	1920±	10	Drl	45-60	6	--	--	Sand or bedrock	6±		15	--	--	--	PS	Became salty; destroyed.
OL 67	411657N721705.1	do	1960±	10	Drl	45	8	0-45	45	Sand and gravel	8	-60	25	8±	3	3.0±	PS	Became salty; destroyed.
OL 68	411702N721701.1	do	1900±	10	Drv	18	2	0-19±	20	Sand	7		15	8±	24	1.9	PS	Two similar wells with common pump. Together with OL 69, supply 60 summer cottages. L.
OL 69	411702N721701.2	do	1900±	10	Drv	18-20	1¼	0-19±	--	Sand and gravel	7		12	11-	24	1.1+	PS	Two similar wells with common pump. Together with OL 68, supply 60 summer cottages.
OL 70	411702N721701.3	do	1962	10	Jet	28	2½	0-29	--	Sand and gravel	7	12-17-62	60	22-	3±	2.2±	PS	Slightly brackish; unused.
OL 71	411726N721711.1	do	1962	22	Drl	450	6	0-42	36	Bedrock	7	11- -62	28	393±	8	.07	PS	Supplies about 100 people in 17 summer cottages. L.
OL 72	411657N721705.2	do	1947±	10	Dug	13-20	48	0-15±	--	Sand and gravel	8		24	--	--	--	PS	Became brackish; unused
OL 73	411650N721726.1	Mildred Bull	1934	10	Drl	354	6	0-261	38	Bedrock	10	1- 4-35	15-20	90-130	5	.2±	Dom	Salty; never used.
OL 74	411654N721711.1	do	pre-1933	8	Dug	10±	--	0-10±	--	Sand and gravel	2±		--	--	--	--	Dom	Became salty during hurricane; abandoned or destroyed.
OL 75	411728N721708.1	H. P. Garvin	1962	22	Jet	30±	2½	0-22	34±	Clay and sand	7±	12- -62	10	--	--	--	PS	Set 6 ft of screen at at 28 to 34 ft, pumped 5 gpm. Reset screen at 22 to 28 ft, pumped 10 gpm. Odor of hydrogen sulfide; destroyed. L.
OL 76	411748N721525.3	Point O'Woods	1954	8	Drl	19	2½?	0-14	45	Sand and gravel	4	10- 7-54	25	15±	2	1.7±	Test	Drilled to 45 ft; pulled back to 19 ft. Destroyed.
OL 77	411748N721525.4	do	1954	8	Drl	20	2½?	0-20	--	Sand and gravel	4	10- -54	--	--	--	--	Obs	Drawdown 1 ft after pumping OL 76, 2 ft away, at 25 gpm for 2 hrs. Destroyed.
OL 78	411747N721525.1	do	1954	8	Drl	41	2½?	--	41	Sand	2	10- 8-54	2	30	--	.07	Test	Yield inadequate; destroyed. L.
OL 79	411747N721529.2	do	1954	10	Drl	62	2½?	--	62	Sand	9	10- 8-54	--	--	--	--	Test	Yield inadequate; destroyed. L.
										Town of Preston								
Ps 6	413104N715905.1	R. S. Russ	1957	255	Drl	85	6	0-14	10	Bedrock	42	-57	3	43	1	.07	Dom	Inadequate; deepened. C.
Ps 7	412822N720355.1	Theodore Buzon	1956	48	Drl	105	6	0-48	48	Bedrock	--		1	--	--	--	Dom	Reported yield 5 quarts per minute. C.
Ps 8	412916N720243.1	Arthur Rogers	1955	30	Drl	68	6	0-40	40	Bedrock	22	-55	5	38	1	.13	Dom	
Ps 9	412938N720216.1	Town of Preston (Elementary School)	1956	65	Drl	204	6	0-48	48	Bedrock	18	-56	4	--	8	--	Inst	Supplies 186 pupils and school employees.
Ps 31	413038N715806.1	Mrs. Rebecca Fitzgerald		170	Dug	15.0	20±	--	--	Sand and gravel	7.7	9-27-61	--	--	--	--	Dom	T. 55°, 9-27-61.
Ps 32	413128N715848.1	Bibor's Egg Farm, Inc.	1950±	150	Dug	11.1	28	--	--	Sand	6.0	9-27-61	--	--	--	--	Agr	Formerly supplied 60 cows, then 2,800 chickens; adequate; Unused when visited. T. 60°, 9-27-61. Published in Conn. Water Resources Bull. No. 9.
Ps 33	413122N715848.1	Mrs. Peter Garino	1947	158	Drl	114	6	0-114	--	Sand and gravel	20	1- -47	--	--	--	--	Dom	Published in Conn. Water Resources Bull. No. 9. L.
Ps 34	413142N715833.1	Preston City Baptist Church	1957	180	Drl	102	6	0-17	17	Bedrock	--		10	--	--	--	Inst	Published in Conn. Water Resources Bull. No. 9. C. Yields yellow rust-colored water.
Ps 36	413201N720235.1	Donald W. Krohn	1958	120	Drl	65	6	0-22	7	Bedrock	30	-58	2	22	1	.09	Dom	Supplies 4 people. Inadequate in August 1960 and 1961. C. L.
Ps 40a	413142N715905.2	James V. Choti	1930±	165	Drl	36.6	5	0-34+	--	Unknown	11.2	8-22-62	5+	--	40	--	Dom	Supplies water for lawn and garden. Published in Conn. Water Resources Bull. No. 9.
Ps 42	413144N715850.1	Chester G. Thurston	1946	165	Drl	12.9	24	0-13	--	Sand	8.0	6-11-62	--	--	--	--	Com	Supplies store, garage, and one family; adequate.
Ps 43o	413146N715847.2	A. P. Steffenson, Jr.	1941±	165	Dug	12.0	24	--	--	Sand and gravel	7.5	6-11-62	--	--	--	--	Dom None	Published in Conn. Water Resources Bull. No. 9.
Ps 58	412925N720434.1	Norwich Hospital	1950±	72	Drl	120	12	0-95	140±	Sand and gravel	69	-50	505	20	27	25.0	Inst	Finished with 25 ft of 12-inch screen at 95 to 125 ft depth. Situated 14 ft from Ps 67. Standby for Ps 67.
Ps 59	412917N720400.1	do	1908±	65	Drl	451	8	0-29	--	Bedrock	6.4	9-12-63	66	160±	8	.41	Inst	Situated near thrust fault. Flowed 5± gpm in early 1940's. Abandoned.
Ps 60	412915N720353.1	do	1908±	60	Drl	387	8	0-24	--	Bedrock	flow	9-12-63	52	150±	8	.35	Inst	Situated at thrust fault. Combined yield of Ps 59 and Ps 60 was 85 gpm in 24-hour pumping test on 6-4-48. Abandoned Water level 1.0 ft above land surface 9-12-63.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Static water level: Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
								Town of Preston--Continued										
Ps 61	412908N720149.1	Norwich Hospital	1918±	130	Drl	165	6	--	--	Bedrock	--		24±	--	--	--	--	Situated near thrust fault.
Ps 62	413036N715840.1	Clara Pendleton	1950±	172	Drl	146	36 to 6	--	26	Bedrock	20.8	10- 8-63	--	--	--	--	Dom	Drilled in 26 ft dug well. Water level reported is for dug well. Water level 44.4 on 10-8-63 during recovery from pumping. C.
Ps 63	412925N720434.2	Norwich Hospital	1953	72	Drl?	88.1	2½	0-114	114	Sand and gravel	71.7	10-29-63	--	--	--	--	Obs	Observation well for Ps 67, 4.5 ft away. Water level measured when Ps 67 was being pumped.
Ps 65	412917N720201.1	Conn. Brass Corp.	1933±	70	Drl	20.3	6	0-21	21	Gravel (and bedrock ?)	11.5	9- 7-63	16±	--	--	--	Ind	Well pumped during day when water level was measured. Adequate. U.S.G.S. observation well. C. L.
Ps 66	412938N720155.1	New England Woolen Co.	1938±	66	Drl	90	5	--	--	Bedrock	--		--	--	--	--	Dom	Flowed in wet weather. Formerly supplied 100± people. C.
Ps 67	412925N720434.3	Norwich Hospital	1950±	72	Drl	120	18	0-95	143	Sand and gravel	69.7	9-11-63	505	16	43	31.6	Inst	Gravel packed. Finished with 25 ft of 12-inch screen (250 slot) at 95 to 120 ft depth. Supplies 4,000 patients and employees. Pumping test data available. C. L.
Ps 69	412921N720408.1	do	1953	60	--	63	2	0-63	--	Sand	--		4	--	--	--	Test	Finished with 1¼-inch screen. Destroyed.
Ps 77	412911N720326.1	do	1953	30	--	35	2	0-35	35±	Sand	--		10	--	--	--	Test	Finished with 10 ft of 1¼-inch screen (20 slot). Destroyed. L.
Ps 85	412921N720406.1	do	1948	50±	--	42	8	0-42	42	Sand and gravel	18	9-29-48	--	--	--	--	Test	Destroyed.
Ps 86	412905N720333.1	do	1948	20±	--	53	8	--	53	Sand and gravel	10	9-29-48	--	--	--	--	Test	Destroyed. L.
Ps 87	412920N720340.1	do	1948	18	--	47	8	--	47	Till	4	9-29-48	--	--	--	--	Test	Destroyed. L.
Ps 88	412911N720410.1	do	1948	72	--	130	8	--	130	Sand and gravel	50	9-29-48	--	--	--	--	Test	Destroyed. L.
Ps 89	412923N720422.1	do	1948	72	--	136	8	--	136	Sand and gravel	--		--	--	--	--	Test	Destroyed.
Ps 94	412921N720433.1	do	1948	71	--	136	8	--	136	Sand and gravel	70	10- -48	300	37½	72	8.0	Test	Destroyed.
Ps 105	412833N720348.1	Philip Ficarra	1957	40	Drl	73	6	0-65	--	Sand	15	9- 7-57	--	--	--	--	Dom	Finished with 8 ft of 6-inch screen (32 slot) at 65 to 73 ft depth. C.
Ps 106	412952N720214.1	Mr. Smith	1959	50	Drl	85	6	0-27	23	Bedrock	22	8-14-59	5.5	63	5	.09	Dom	
Ps 107	412954N720214.1	Webster's Ice and Oil	1959	60	Drl	50	6	0-16	10	Bedrock	6	5-22-59	26	--	5	--	Dom	
Ps 108	412954N720218.1	do	1959	60	Drl	60	6	0-12	4	Bedrock	16	9-23-59	5	44	2	.11	Dom	
Ps 109	413116N720202.1	Alten P. Lewis	1959	160	Drl	50	6	0-6	0	Bedrock	11	5-29-59	2±	39	1	.05	Dom	C.
Ps 110	412925N720434.4	Norwich Hospital	1953	72	Drl?	109.3	2½	0-115	115	Sand and gravel	71.3	10- 7-64	--	--	--	--	Test	
Ps 111	412919N720438.1	do	1954	12	Drl?	67.5	2½	0-60±	--	Sand and gravel	10.3	10- 8-64	20	14	1	1.4	Test	Situated 115± ft from Thames River. Deepened from 40 to 60 ft depth in 1954.
Ps 112	412912N720434.1	do	1953	8	Drl?	40.0	2½	0-40	84+	Sand and gravel	6.7	10- 8-64	100	15.5	1	6.4	Test	Drilled to 84 ft depth; pulled back to 40 ft. L.
Ps 113	412921N720433.2	do	1953?	71	Drl?	100.2	2	0-100±	--	Sand and gravel	70.0	12-15-64	--	--	--	--	Test	
Ps 114	412826N720354.1	William Duff		50	Drl	72	6	0-66	72+	Sand	45		20	--	4±	--	Dom	Finished with 6 ft of 6-inch slotted casing at 66 to 72 ft depth.
Ps 115	412929N715858.1	Country Squire Water Co.	1960	120	Drl	96	6	--	15	Bedrock	15±	-60	50±	60-	48	.8±	PS	Located at thrust fault. Supplied about 100 people with about 6,500 gpd in 1964. C. L.
Ps 116	412945N720107.1	Steven E. Wasson	1947	200	Drl	60	6	--	24	Bedrock	19±	-47	2	40	.25	.05	Dom	Yield inadequate; supply supplemented by Ps 117. Water hard; softened. C.
Ps 117	412945N720107.2	do		199	Dug	20	30	0-20±	--	Till	14.0	7-19-65	1-	15	12±	.06	Dom	Yield inadequate; supplements Ps 116. C.
Ps 118	413101N720106.1	Henry Piszczek	1942±	252	Drl	64	6	--	19±	Bedrock	10	-58	13	53	.75	.24	Agr Dom	Supplies 4 people and 30 cows; may be inadequate. Water hard; softened and treated for iron. C.
Ps 119	413049N720055.1	Chester Izbcki	1954±	208	Drl	75	6	0-8	7	Bedrock	4	-54	10±	56-	1	.2+	Dom	Supplies 2 people; adequate. C.
Ps 120	413005N720101.1	Mrs. Beatrice Rivers	1955	154	Drl	142±	6	0-10	--	Bedrock	30±	9- -55	4	110	.5	.04	Dom	Supplies 3 people; adequate. Water high in iron. C.
Ps 121	413131N720110.1	Clyde L. Staubley	1941	302	Drl	42.3	6	--	15	Bedrock	17.6	7-20-65	6	23±	1±	.3	Dom	Supplies 2 people; inadequate. Water hard and high in iron. C.
Ps 130	412936N720302.1	Allan Stanton	1957	30	Drl	105	6	0-41	41	Bedrock	32	12-17-57	4.5	41	1	.11	Dom	
Ps 131	412933N720305.1	J. L. Williams & Winifred Hawkes	1959	40	Drl	65	6	0-32	30	Bedrock	11	1- 1-59	5	49	1	.10	Dom	
Ps 132	412936N720304.1	Lee Yonts	1957	40	Drl	102	6	0-26	26	Bedrock	25	11-22-57	2	23	1	.09	Dom	C.
Ps 133	412911N720321.1	Warren Scharmer	1957	50	Drl	51	6	0-46	--	Sand	26	9- 4-57	4	14	1	.3	Dom	Finished with 5 ft of 6-inch screen (32 slot) at 46 to 51 ft depth.
Ps 134	412831N720353.1	Albert Koziol	1956	48	Drl	56	6	0-50	56	Sand	46	1-14-56	5	--	6	--	Dom	Finished with 6 ft of 6-inch screen (32 slot) at 50 to 56 ft depth.
Ps 136	413105N715826.1	Mrs. Chester Polomski	1965	150	Drl	170	6	0-81	75	Bedrock	15	7-29-65	2	155	4	.01	Dom	

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Salem								
Sm 2	412950N721333.1	George O. Gadbois	1942±	422	Drl	150	6	0-54	--	Bedrock	--		1	--	--	--	Dom?	Deepened from 125 ft depth after pumping sand.
Sm 3	412950N721333.2	do		422	Dug	18	36	0-18	--	Sand and gravel	12		20	5	2	4.0	Agr?	
Sm 4	412935N721337.1	Jack Cooper	1958	424	Dug	33	96	--	33+	Sand and gravel	9±	7- -58	--	--	--	--	Test	L.
Sm 5	412938N721343.1	do	1900±	413	Dug	12	42	0-12	--	Sand and gravel	6	-65	14	4	.4	3.6	Dom	Supplied 5 people; adequate.
										Town of Stonington								
Sn 1	412243N715059.1	T. P. Curtain	1951	180	Drl	59	6	--	13	Bedrock	10	4- -51	4	--	--	--	Dom	Supplies 5 people. Adequate.
Sn 2	412245N715056.1	Harry Buckley	1951	180	Drl	80	6	--	5	Bedrock	--		3.5	--	--	--	--	
Sn 5	412259N715122.1	Oliver Coto	1950	130	Drl	58	6	--	7	Bedrock	11±		7.5	--	--	--	--	At contact of two formations.
Sn 6	412259N715157.1	James Critcherson	1949	85	Drl	58	6	--	15	Bedrock	--		4.5	--	--	--	--	At contact of two formations.
Sn 7	412308N715058.1	John Garelory	1949	115	Drl	76	6	--	18	Bedrock	--		7.5	--	--	--	--	At contact of two formations.
Sn 8	412253N715320.1	R. C. Perkins	1948	180	Drl	80	6	--	50	Bedrock	20±		12	--	--	--	Dom Agr	Water level estimated from measurement in dug well 75 ft away (21.4 ft, 11-25-52). C.
Sn 9	412042N715042.1	Lawrence Bagley	1949	40	Drl	75	6	--	25	Bedrock	13.4	11-25-52	10?	--	--	--	Dom	Adequate. Published in Watch Hill Quad, R.I.-Conn. GWM 14.
Sn 10	412040N715726.1	Clifford Brown	1950	35	Drl	112	6	--	6	Bedrock	--		3	--	--	--	Dom	Supplies 3 people. Adequate. C.
Sn 11	412420N715638.1	Wilmer Whitford	1948	135	Drl	74	6	--	28	Bedrock	--		3	--	--	--	--	
Sn 12	412436N715622.1	Henry Moore	1947	150	Drl	48	6	0-48?	--	Sand and gravel	10		--	--	--	--	Dom	Supplies 2 people. Adequate.
Sn 14	412449N715614.1	Mario Panciera	1938	180	Drl	55	6	--	--	Bedrock	11±	4- -38	15	--	--	--	Dom	
Sn 15	412459N715615.1	John Singer		195	Drl	60	6	--	10±	Bedrock	10±		15+	--	--	--	Dom	Supplies 6 people. Adequate.
Sn 16	412504N715608.1	Frank Panciera	1939	190	Drl	34	6	--	9	Bedrock	11		--	--	--	--	Dom	Supplies 4 people. Adequate.
Sn 17	412506N715610.1	Marge Armstrong	1944	195	Drl	60	6	--	18±	Bedrock	10±	10- -44	--	--	--	--	Dom	Supplies 3 people. Adequate.
Sn 18	412511N715603.1	Joseph Parda		210	Drl	49	6	--	20±	Bedrock	9±		--	--	--	--	Dom	Adequate.
Sn 19	412426N715634.1	Richard White	1952	140	Drl	66	6	--	54	Bedrock	27.0	11-26-52	15+	--	--	--	Dom	Adequate.
Sn 20	412030N715341.1	John Victoria	1951	20	Drl	42	6	--	5	Bedrock	15	-51	45	--	--	--	Dom	Supplies 4 people. Adequate.
Sn 21	412027N715342.1	Irving Beauchamp	1950	30	Drl	43	6	--	7	Bedrock	30?	-50	3+	--	--	--	Dom	Supplies 3 people. Adequate.
Sn 22	412027N715409.1	Stonington Auto Station	1951	20	Drl	48	6	--	3	Bedrock	21	-51	7+	--	--	--	Com	Supplies garage. Adequate. C.
Sn 23	412034N715351.1	Thomas Goulart	1951	20	Drl	52	6	--	16	Bedrock	--		6	--	--	--	Com	Supplies garage. High iron content, unpotable. C.
Sn 24	412200N715513.1	Carl Thompson	1950	80	Drl	85	6	--	20	Bedrock	--		3	--	--	--	Dom	
Sn 32	412418N715739.1	John Ackley		45	Dug	9.5	36 to 24	--	--	Sand and gravel	8.3	7-20-45	--	--	--	--	Dom	
Sn 39	412014N715016.1	David & John Parker	1958	17	Drl	48	6½	--	15	Bedrock	11	6-14-58	1.5	--	--	--	Dom	Published in Watch Hill Quad, R.I.-Conn. GWM 14.
Sn 40	412014N715016.2	do	1957	18	Drl	--	6	--	0?	Bedrock	20	2- 7-57	3	15	--	.20	Dom	Probably saline. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 41	412011N715019.1	E. Brown		10	Dug	13.2	36	--	--	Till	6	4-27-60	--	--	--	--	Dom	Supplies 4 people. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 42	411956N715055.1	Stanley Anzoski		5	Dug	10	36	--	--	Sand and gravel	4.6	4-27-60	--	--	--	--	Dom	Reported to have offensive odor; unused. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 43	412005N715027.1	A.G. Stillman	1937	20	Drl	86	4	--	4	Bedrock	--		5	--	--	--	Dom	Main water at 60 ft depth. Supplies 2 people. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 44	411938N715141.1	Victor Fontaine	1957	45	Drl	56	6	0-30	25	Bedrock	13	6- 8-57	4.5	43	--	.10	Dom	Supplies 6 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 45	411936N715140.1	Robert W. Goff	1957	30	Drl	68	6	--	6	Bedrock	9.4	4-27-60	2	58	--	.03	Dom	Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 46	411931N715140.1	J. B. Wills	1960	40	Drl	46	6	0-32	29	Bedrock	22.9	4-27-60	--	--	--	--	Dom	Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 47	411932N715136.1	R. Watts	1956	40	Drl	265	6	--	30	Bedrock	30	5-15-56	20	130	8	.15	Dom	Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 48	412021N715028.1	William Thurston	1955	35	Drl	63	6	0-10	7	Bedrock	20	7-16-55	3	10	--	.30	Dom	Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 49	412025N715031.1	Donald Fisher	1956	35	Drl	115	6	0-30	20	Bedrock	6	5- 1-56	10	94	3	.11	Dom	Supplies 5 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 50	412022N715031.1	Claude Maine	1956	42	Drl	86	6	--	7	Bedrock	20	5-28-56	3	--	--	--	Dom	Supplies 3 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 51	412009N715127.1	State of Connecticut		20	Dug	17.0	36	--	--	Till	9.3	4-27-60	--	--	--	--	Dom	Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 52	412042N715110.1	G. R. Stewart		60	Dug	22.5	48	--	22	Till	13.1	4-27-60	--	--	--	--	Dom Agr	Supplies 3 people and 20 cattle. Adequate. High iron content. Published in Watch Hill Quad, R. I. - Conn. GWM 14.
Sn 53	412058N715045.1	Alexander Martell	1960	38	Drl	38	6	--	30	Bedrock	8	-60	10	--	--	--	Dom	

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Static water level: Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Stonington--Continued								
Sn 54	412131N715229.1	Ernest Cravinho	1955	55	Drl	82	6	--	46	Bedrock	8	9-20-55	5.5	--	--	--	Dom	Supplies 5 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14. C.
Sn 55	412122N715212.1	A. Medeiros		62	Dug	16.4	30	--	--	Till	9.3	4-28-60	--	--	--	--	Dom	Supplies 6 people. Inadequate in summer. Published in Watch Hill Quad, R.I. - Conn. GWM 14. C.
Sn 56	412117N715139.1	W. H. Siegel		78	Dug	14.1	40	--	--	Till	6.6	4-28-60	--	--	--	--	Dom	Supplies 3 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 57	412108N715111.1	S. Zaremba, Jr.		13	Dug	13	30	--	--	Till	4.7	4-28-60	--	--	--	--	Dom	Supplies 4 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 58	412107N715054.1	D. Zaremba	1952	90	Drl	118	6	--	25	Bedrock	--		3	--	--	--	Dom	Supplies 6 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14. C.
Sn 59	412024N715223.1	State of Connecticut		5	Dug	6.5	--	--	--	Till	2.6	4-28-60	--	--	--	--	--	Abandoned. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 60	412042N715215.1	do		30	Dug	20	36	--	--	Till	15.0	4-28-60	--	--	--	--	--	Abandoned. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 61	412047N715001.1	H.C. Minor, Sr.		10	Drl	42	8	--	8	Bedrock	8		10	--	--	--	Dom	Supplies 9 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 62	412101N715022.1	E. F. Rittenhouse		13	Dug	16.5	42	--	--	Sand and gravel	12.7	4-28-60	--	--	--	--	--	Abandoned. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 63	412112N715026.1	H. D. Burnham		16	Dug	8.6	36	--	--	Sand and gravel	4.6	4-28-60	--	--	--	--	--	Supplied 5 people and 10 cattle. Inadequate every summer; abandoned. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 65	412131N715053.1	E. Moffitt		50	Dug	13.0	30	--	--	Till	6.7	4-28-60	--	--	--	--	Dom	Supplies 6 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 66	412054N715033.1	F. Goss	1942	55	Drl	53	6	--	0	Bedrock	--		5	--	--	--	Dom	Supplied 4 people. Inadequate in dry years. C. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 67	412220N715217.1	Donald Banker	1959	110	Drl	81	6	--	42	Bedrock	14	6-17-59	10	--	--	--	Dom	Supplies 4 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 68	412156N715207.1	A. Kellegaher	1958	37	Drl	59	6	0-27	20	Bedrock	12	9-27-58	3	43	4	0.07	Dom	Supplies 2 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14. L.
Sn 69	412204N715200.1	George Lee		29	Dug	14.0	36	--	--	Till	7.5	4-29-60	--	--	--	--	Dom	Supplies 2 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 70	412142N715124.1	Town of Stonington		25	Drl	95	6	--	--	Bedrock	5.5	4-29-60	5	--	--	--	Inst	Deepened from 46 ft depth. Abandoned. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 71	412211N715133.1	J. Pondola	1956	40	Drl	90	--	--	3	Bedrock	--		--	--	--	--	Dom	Supplies 7 people. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14. C.
Sn 72	412222N715111.1	Ubald Ravenelle		50	Dug	23	36	--	--	Till	12.5	4-29-60	--	--	--	--	Dom	Supplied 11 people. Adequate. Abandoned. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 73	412203N715036.1	Philip New bury		80	Dug	13	36	--	--	Till	2.8	4-29-60	--	--	--	--	--	Abandoned. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 74	412052N715031.1	E. Charest		45	Dug	18.5	36	--	--	Till	10.3	4-28-60	--	--	--	--	Dom	Supplies 2 people. Inadequate in 1953. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 75	412222N715113.1	E. Morgan	1943	47	Drl	77	6	--	19	Bedrock	--		15	--	--	--	Dom?	Supplies 8 families. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 76	412216N715123.1	W. E. Madingor	1955	35	Dug	9.5	30	--	--	Sand and gravel	1.2	4-29-60	--	--	--	--	Dom Com	Supplied dairy bar and 2 houses. Adequate. Abandoned. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 77	412147N715224.1	W. Devaney		20	Dug	13.1	40	--	--	Sand and gravel	7.2	4-29-60	--	--	--	--	Dom	Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 78	412205N715142.1	Town of Stonington	1924	38	Dug	15.1	36	--	15?	Till	11.1	5- 2-60	--	--	--	--	Dom	Supplies 1 person. Adequate. Published in Watch Hill Quad, R.I. - Conn. GWM 14.
Sn 80	412156N715157.1	Joseph Cangelosi	1959	20	Drl	180	6	--	22	Bedrock	10±	-59	--	--	--	--	None	Situated near Sn 142. Flowed when drilled. Yield inadequate; abandoned.
Sn 96	412130N715254.1	A. J. Pont		10	Drl	65	--	--	65+	Sand	--		9	--	--	--	--	
Sn 99	412153N715417.1	Mrs. P.W. Cottrell		110	Drl	166	6	--	50±	Bedrock	20	-62	10	--	--	--	--	Situated near contact of two formations.
Sn 103	412158N715341.1	Pine Point School	1956	104	Drl	182	6	--	54	Bedrock	30	-62±	24	60	8	.40	--	
Sn 110	412141N715410.1	Jacques Wimpheimer	1952	110	Drl	120	6	0-42	35	Bedrock	--		6+	--	--	--	--	C.
Sn 121	412105N715538.1	K. B. Tate		126	Drl	161	6	0-40	35±	Bedrock	15		--	--	--	--	--	
Sn 122	412106N715534.1	C. T. Noyes		114	Drl	75	6	0-31	26	Bedrock	--		5	--	--	--	--	
Sn 126	412300N715746.1	Richard Grover	1946±	16	Drl	125	--	0-125	--	Sand and gravel	11	-46±	--	--	--	--	--	L.
Sn 127	412105N715310.1	Ernest Duke	1961	8	Dry	14	2	0-12	17	Sand	6	-61	10	7-	--	1.0±	Dom	Supplies 7 people. Adequate.
Sn 128	412102N715718.1	Emilio M. Pradel	1959	8	Dug	9.2	30	--	10+	Sand	7.8	8- 8-63	--	--	--	--	Dom	Supplies 6 people. Adequate. C.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Stonington--Continued								
Sn 129	412123N715708.1	L. Novack	1957	12	Dug	12.6	30 to 24	0-13	--	Unconsolidated deposit	6.3	8- 8-63	--	--	--	--	Dom	Supplies 4 people. Adequate.
Sn 130	412109N715615.1	John Burdick	1931±	8	Dug	8.6	30	--	--	Sand	7.3	8- 8-63	1	--	--	--	Dom	Water level fluctuates with tides. Supplies 5 people. Adequate. C.
Sn 131	412033N715620.1	Franklin Rich	pre-1900	8	Dug	6.0	24	--	--	Sand	3.5	8- 8-63	--	--	--	--	Dom	Supplies 3 people. Adequate.
Sn 132	412040N715603.1	Robert G. Schausse	1957	10	Drl	25	6	--	5	Bedrock	6	-57	--	--	--	--	Dom	Supplies 2 people. Adequate.
Sn 133	412026N715558.1	Kelems Co., Inc.	1956	21	Drl	127	6	0-30	20	Bedrock	5	7-31-63	10	68	7	0.15	Ind	Supplies 120 employees and cable grip plant. Adequate. C.
Sn 134	412139N715125.1	Town of Stonington	1962	22	Dug	7.8	30	0-8±	--	Till	6.0	8-20-63	--	--	--	--	Inst	Packed with gravel and stone, 36 inches thick, to 13 ft depth. Quality unsuitable for picnic area supply.
Sn 135	412156N715105.1	do	1962	30	Dug	10.7	30	0-11±	--	Sand and gravel	8.0	8-20-63	--	--	--	--	Inst	Packed with gravel and stone, 36 inches thick, to 13 ft depth. L.
Sn 136	412142N715124.2	do	1963	24	Drl	85	6	0-21	--	Bedrock	5±		--	--	--	--	Inst	Water level estimated from nearby Sn 70. Supplies public picnic area.
Sn 137	412106N715019.1	Fred Maloney	pre-1900	8	Dug	9.1	26	0-10±	--	Sand and gravel	7.6	8-13-63	--	--	--	--	--	Unused.
Sn 138	412000N715041.1	John Bailey, Sr.	1958	6	Dug	12.2	30	0-12+	--	Sand and gravel	5.0	8-13-63	--	--	--	--	Dom	Supplies 4 people. Adequate.
Sn 139	411958N715049.1	Russell Stevens	1950	5	Dug	8.1	24	0-8+	--	Sand and gravel	5.7	8-13-63	--	--	--	--	Dom	Supplies 8 people. Adequate. C.
Sn 140	412218N715131.1	George Chamber	1954	40	Dug	21.0	24	0-21	--	Sand and gravel	17.1	8-13-63	15±	5±	--	3.0±	Dom	Supplies 5 people. Adequate.
Sn 141	412152N715205.1	Thomas Bolton	1959	25	Drv	35	1½	0-35	--	Till	3	-59	6±	33±	8±	.2	Dom	Supplied 6 people. Inadequate and high iron content; abandoned.
Sn 142	412156N715157.2	Joseph Cangelosi	1959	20	Drv	18	1¼	0-18	19	Sand and gravel	4±	-59	15+	--	4+	--	Com	Situated near Sn 80. Supplies office, store, and 4 additional people. Adequate.
Sn 143	412143N715225.1	Frank and Stanley Prachniak	1957±	15	Dug	7.4	30	--	--	Sand and gravel	3.7	8-14-63	--	--	--	--	Com	Supplies concrete mixer and 5 people, except for drinking water. Adequate.
Sn 144	412133N715028.1	Thomas J. Capalbo	1857	18	Dug	18.6	24	0-18+	--	Sand and gravel	17.9	8-14-63	--	--	--	--	Dom	Abandoned.
Sn 145	412219N715113.1	Henry Joseph Richards	1953	50	Dug	16.2	24	--	--	Till	14.3	8-14-63	--	--	--	--	Dom	Supplies 4 people. Adequate.
Sn 146	412318N715733.1	Sirtex Printing	1958	4	Drv	22	1½	0-22	--	Sand and gravel	3±		6	--	--	--	Ind	Supplies 600 gpd. Adequate.
Sn 147	411935N715125.1	George Miller	1958	31	Drl	60	6	0-20	--	Bedrock	--		15	--	--	--	Dom	Yield 5 gpm at 30 ft depth. Supplies 5± people. Adequate.
Sn 148	411935N715125.1	do	1962	40	Drl	130	6	0-35	--	Bedrock	20	-62	3.5	110	9	.03	Dom	Supplies guest house. C.
Sn 149	412441N715705.1	Albert M. Payne	1962	72	Drl	24	8	0-14	--	Sand and gravel	5	-62	150	15	10	10.0	PS	Gravel packed and finished with 10 ft of 8-inch screen (40 slot) at 14 to 24 ft depth. High manganese content. Treated by filtration and chlorination. C.
Sn 154	412452N715611.1	Cranston Realty Co., Inc. (Arlington Acres Mobile Home Park)	1960	185	Drl	165	6	0-27	21	Bedrock	10.7	8- 6-64	11	115	48	.10	PS	Drilled to 220 ft, pulled back to 165 ft. Supplies 1,000-gpd. Formerly supplied 52 trailers. C.
Sn 155	412452N715557.1	do	1962	155	Drl	29	8	0-19	--	Sand and gravel	2.4	8- 6-65	200	4	8	50.0	PS	Finished with 10 ft of 70-slot screen at 19 to 29 ft depth. Supplies 125 trailers. C.
Sn 156	412306N715553.1	Mystic Valley Water Co., Inc.	1957	59	Drl	46.2	24	--	--	Sand and gravel	4.2	8-12-64	300	14	8	21.4	PS	Gravel packed. Standby well used if reservoir levels decline. Supplied 350,000 gpd for 3 months in 1964 and 5 months in 1965.
Sn 157	412016N715543.1	Lord's Point Assoc., Inc.	1934	12	Drl	132	8	--	10±	Bedrock	10±	-34	50 - 75	--	72	--	PS	Supplies 400± people with 35,000 - 40,000 gpd 7 to 8 months of year. Brackish for first time in fall of 1964.
Sn 158	412359N715522.1	John Groton, Jr.	1965	162	Drl	196	6	0-104	96	Bedrock	30	5-24-65	11	155	--	.07	Dom	Yield 4 gpm at 184 ft depth. New well to supplement Sn 160.
Sn 159	412359N715522.2	do	1962	162	Drl	100?	6?	--	96?	Bedrock	--		--	--	--	--	Dom	Drilled in dug well. Yield inadequate; destroyed.
Sn 160	412359N715519.1	do	1962	172	Drl	197	6	--	110	Bedrock	--		8	--	--	--	Agr Dom	Supplies 30 cows; also supplied one family until supplemented by Sn 158; adequate. Water hard.
Sn 161	412355N715514.1	do	1955±	165	Drl	114	6	--	48±	Bedrock	--		6	--	--	--	Inst	Drilled for school. Never used.
Sn 162	412118N715717.1	W. H. Cochran	1964	148	Drl	256	8	0-63	58	Bedrock	33	8- -64	8	217	78	.04	Dom	Water hard and high in iron; softened and filtered.
Sn 163	412454N715717.1	Mystic Valley Water Co., Inc.	1968	58	Drl	75	18	0-60	--	Sand and gravel	4	3- -68	880	42.6	235	20.7	PS	Gravel packed and finished with 15 ft of screen.
										Town of Voluntown								
Vo 90	413259N714904.1	Emil Koski	pre-1954	460	Dug	6.5	30 - 24	--	--	Till	2.5	4- 7-59	--	--	--	--	Agr Dom	Supplies 2 families and 2,200 chickens; adequate;

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Voluntown--Continued								
Vo 91	413206N714843.1	Conn. State Park and Forest Commission	pre-1800	320	Dug	10.0	--	--	--	Till	2.0	4- 7-59	--	--	--	--	PS	Supplies drinking water for park; inadequate in fall of 1957.
Vo 108	413113N714900.1	Howard Robio		434	Dug	14.9	40	--	--	Till	7.7	4-14-59	--	--	--	--	Dom	Adequate except in summer of 1957 when water level declined to 13.2 ft.
										Town of Waterford								
Wt 1	412053N720954.1	F. Maynard	1957	160	Drl	97	6¼	0-22	15	Bedrock	20	4- 3-57	3	--	--	--	Dom	Adequate. C.
Wt 2	412120N720935.1	J. D. Jennings	1955	185	Drl	75	6	0-17	17	Bedrock	21	11-17-55	3	--	--	--	Dom	Adequate. C.
Wt 3	412116N720947.1	Mr. Frankcan	1956	182	Drl	50	6	0-30	20	Bedrock	20	8- 9-56	2	20	2	0.10	Dom	
Wt 5	411823N720714.1	James R. Hammond		12	Dug	17±	--	--	--	Sand and gravel	3.0	4-16-65	--	--	--	--	Dom	Supplies water for lawn. C.
Wt 6	411823N720714.2	do		12	Dug	14.0	30	0-14±	--	Sand and gravel	9.6	7-18-63	--	--	--	--	--	Brackish; abandoned.
Wt 7	411839N720655.1	David Clark, Jr.	1951	18	Dug	11.0	24	--	--	Sand	5.4	7-18-63	6.5	6.5	2	1.0	Dom	Supplies 8 people. Adequate. C.
Wt 8	411837N720655.1	do	1957	17	Dug	11.4	36±	--	--	Sand	3.8	7-18-63	6±	--	2	--	Agr	Supplied water for irrigating nursery. Contaminated by leak from gas tank; abandoned.
Wt 9	412048N720827.1	Mystic Oil Co.		36	Dug	23.2	36	--	--	Sand and gravel	21.8	7-23-63	--	--	--	--	Com	Supplies filling station, store, and 15 people. Adequate.
Wt 10	412034N720753.1	Board of Education (Jordan School)	pre-1918±	44	Drl	65±	5	--	--	Bedrock	19.6	8- 9-63	--	--	--	--	Inst	Public supply introduced; abandoned. U.S.G.S. observation well.
Wt 11	411848N720801.1	Board of Education (Great Neck School)	1919±	92	Drl	300-400	6	0-30±	--	Bedrock	10		8±	--	--	--	Inst	Supplied 2,000 gpd. Public supply introduced; unused.
Wt 12	411959N721002.1	Board of Education (Southwest School)	1957	112	Drl	298	6	0-18	9	Bedrock	18	7-26-57	18	200	8	.09	Inst	Supplies 560 pupils. Adequate. C.
Wt 13	412235N720827.1	Board of Education (Cohanzie School)	1921	204	Drl	140	6	0-17	16	Bedrock	43	7-29-37	--	--	--	--	Inst	Situated near contact of two formations. Supplies 485 pupils and employees. Adequate. C.
Wt 14	412406N720649.2	Board of Education (Quaker Hill School)	1912±	40	Drl	70±	5	0-29	23	Bedrock	25.4	8-19-63	--	--	--	--	Inst	Supplied 380 pupils and employees. Polluted; abandoned.
Wt 15	412406N720649.3	do	1961	44	Drl	300	6	--	12	Bedrock	--		0	--	--	--	--	No yield; destroyed.
Wt 16	412402N720653.1	do	1962	52	Drl	28	6	--	28	Sand and gravel	--		--	--	--	--	Test	Insufficient thickness of saturated surficial deposit above bedrock; destroyed.
Wt 17	412406N720649.1	do	1962	40	Drl	240	6	0-26	11	Bedrock	16	-62	11	--	--	--	Inst	Supplies 380 pupils and employees. Adequate. C.
Wt 18	412404N720658.1	do	1962?	28	Dug	10±	225	0-10±	--	Till	2	-62?	--	--	--	--	--	Inadequate; destroyed.
Wt 19	412129N720812.1	Pauline Settle		44	Dug	11.9	27	--	--	Sand and gravel	10.0	7-24-63	--	--	--	--	Dom	Public supply introduced; abandoned.
Wt 20	412128N721026.1	Florence Hendrickson	pre-1932?	24	Drl	32.1	6	--	--	Sand and gravel	17.7	7-24-63	--	--	--	--	Dom ind	Supplies 10 people and 600 gpd for industrial use.
Wt 21	412222N721127.1	Sigmund Kupis	pre-1956	18	Dug	15.7	24	--	--	Sand and gravel	10.5	7-24-63	--	--	--	--	Dom	Supplies 4 people. Adequate. C.
Wt 22	412018N720657.1	Wallace Giachello	1957	85	Drl	178	6	0-22	15	Bedrock	12	-57	1	--	--	--	Dom	Supplies 8 people. Adequate. L.
Wt 23	412030N720735.1	George Wanat	1954±	65	Drl	125	6	0-31	13	Bedrock	12	-54±	8+	--	--	--	Com	Supplies 16 people and bank. Adequate. C.
Wt 24	412300N720932.1	Albert Philopena	1959	108	Drv	20	2	0-20	--	Sand and gravel	12	1- -59	5	5±	8	1.0±	Com	Supplies 6 people in office. High iron (?) content.
Wt 25	411823N720714.3	James R. Hammond		12	Drl	22.4	6	--	--	Unknown	9.4	11-15-37	--	--	--	--	Obs	U.S.G.S. observation well. Destroyed.
Wt 26	412146N720853.1	Town of Waterford	1963	52	--	43	2½	0-37	--	Silt and clay	2	12- 2-63	--	--	--	--	Test	Four 2½-inch test wells at this site. Casing perforated at 37 to 42 ft depth. Destroyed.
Wt 27	412144N720852.1	do	1963	52	--	37	2½	0-32	--	Silt and clay	2	12- 3-63	--	--	--	--	Test	Casing perforated at 32 to 37 ft depth. Destroyed. L.
Wt 28	412141N720850.1	do	1963	52	--	37	2½	0-32	--	Silt and clay	4	12- 4-64	--	--	--	--	Test	Casing perforated at 32 ft to 37 ft depth. Destroyed.
Wt 29	412206N720906.1	do	1964	64	Jet	47	2½	0-42	--	Sand and gravel	.9	1-29-64	125	8.3	2 - 53	15.0	Test	Cluster of 6 wells pumped at combined rate of 125 gpm. Casings perforated at 42 to 47 ft depth. L.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Waterford--Continued								
Wt 30	412136N720825.1	Town of Waterford	1963	39	--	41.0	2½	0-35	--	Sand and gravel	flow	4-23-64	--	--	--	--	Test	Casing perforated at 35 to 40 ft depth. Water level 0.4 ft above land surface 4-23-64.
Wt 31	412136N720825.2	do	1963	40	--	40.0	2½	0-35	--	Sand and gravel	flow	4-23-64	--	--	--	--	Test	Casing perforated at 35 to 40 ft depth. Water level 0.3 ft above land surface 4-23-64.
Wt 32	412144N720830.1	do	1963	43	--	--	2½	--	--	Unconsolidated deposit	3.5	4-23-64	--	--	--	--	Test	Casing perforated in lowest 5 ft. Destroyed.
Wt 33	412357N721040.1	do	1963	173	Drl	42.3	2½	--	--	Sand and gravel	3.4	5-19-64	--	--	--	--	Obs	Casing perforated at 37± to 42± ft depth.
Wt 34	412357N721041.1	do	1963	175	Drl	42.3	2½	--	--	Sand and gravel	4.5	5-19-64	--	--	--	--	Obs	Casing perforated at 37± to 42± ft depth.
Wt 35	412356N721042.1	do	1963	172	Drl	38.8	2½	--	--	Sand and gravel	1.2	5-20-64	--	--	--	--	Obs	Casing perforated at 34± to 39± ft depth.
Wt 36	412358N721041.1	do	1963	186	Drl	57.0	2½	--	--	Sand and gravel	14.5	5-20-64	--	--	--	--	Obs	Casing perforated at 52 to 57 ft depth.
Wt 37	412357N721042.1	do	1963	176	Drl	38.2	2½	--	--	Sand and gravel	5.1	5-20-64	--	--	--	--	Obs	Casing perforated at 33± to 38 ft depth.
Wt 38	412357N721040.2	do	1963	172	Drl	50	8	0-40	--	Sand and gravel	4	1- -64	250	26	101	9.6	Test	Finished with 10 ft of 8-inch screen (60 slot) at 40 to 50 ft depth. Destroyed. L.
Wt 39	412357N721041.2	do	1964	175	Drl	50	8	0-40	51	Sand and gravel	4	1- -64	180	34	80	5.3	Test	Finished with 10 ft of screen (60 slot). Destroyed. L.
Wt 40	412231N721124.1	do	1963	50	Drl	20	2½	0-15	--	Sand and gravel	--		--	--	--	--	Test	Three test wells at this site. Casing perforated at 15 to 20 ft. Destroyed.
Wt 41	412410N720725.1	do	1963	57	Drl	35.3	2½	0-33	--	Sand and gravel	flow	5-21-64	--	--	--	--	Obs	Casing pulled back from 42 ft depth. Casing perforated at 33 to 38 ft. Flow 1± gpm over casing 1.2 ft above land surface 5-21-64. C.
Wt 42	412410N720725.2	do	1963	56	Drl	34.8	2½	0-33	--	Sand and gravel	flow	5-21-64	--	--	--	--	Obs	Casing perforated at 33 to 38 ft. Flowed 2± gpm over casing 1.5 ft above land surface 5-21-64.
Wt 43	412411N720727.1	do	1963	57	Drl	32.4	2½	0-33	--	Sand and gravel	flow	5-21-64	--	--	--	--	Obs	Casing perforated at 33 to 38 ft. Water level 1.0 ft above land surface 5-21-64.
Wt 44	412410N720725.3	do	1963	57	Drl	42	2½	0-40	42	Sand and gravel	2	10- -63	154	12.5	84	12.3	Test	Casing pulled back to 39 ft? Casing perforated in lowest 2 ft. Cluster of three to five wells about one foot apart pumped at combined rate of 154 gpm. Drawdown in three nearby wells 6 ft to 14 ft after 84 hrs. Destroyed. L.
Wt 45	412412N720721.1	Sherman Coy	1904	69	Dug	16.0	36	--	--	Sand and gravel	12.7	7-22-64	--	--	--	--	Dom	Till overlies sand and gravel. Water level declined during pumping test at Wt 44. Supplies 4 people. Adequate. C.
Wt 46	412408N720726.1	Town of Waterford		55	Drl	24.3	2½	--	--	Silt and clay	.6	8-11-64	--	--	--	--	Test	Yield inadequate. Destroyed.
Wt 47	411826N720948.1	Millstone Point Corp., Inc.		10	Dug	12.3	42	0-13	--	Till	8.4	8-19-64	3.5	4	3-4	.9	Ind	Supplies 250± gpd for washing. Distilled sea water supplies potable water; surplus discharged into well.
Wt 48	412415N720736.1	Sebastian Muscarella	pre-1946	70	Dug	10.7	24	0-12	--	Sand and gravel	7.2	9-16-64	--	--	--	--	Dom	C.
Wt 49	412021N720832.1	American Machine & Foundry Co. (Maxim Division)		7	Dug	6.5	72±	0-7±	6±	Sand and gravel	2.1	5-26-65	--	--	--	--	Ind	Supplies 600± gpd; adequate.
Wt 50	411904N720930.1	Henry Gardiner	1953	14	Dug	26.3	30	--	--	Sand	12.9	5-28-65	20	--	--	--	PS	Supplies about 300,000 gpd. Inadequate in summer. Reported depth 18 ft. L.
Wt 51	411908N720931.1	do	1953	10	Dug	16.5	30	0-21±	--	Sand and gravel	9.3	5-27-65	100	6	48	16.6	PS	Some water may have recharged aquifer during pumping test. Supplies 150,000 gpd during 4-5 summer months only.
Wt 52	411907N720941.1	do	1956	9	Drl	24	8	0-14	28	Sand and gravel	7	8- -56	50	6.5	48	7.7	PS	Gravel packed and finished with 10 ft of 8-inch screen at 14 to 24 ft depth. Standby well for future use. L.
Wt 53	411908N720936.1	do	1953	10	Dug	14±	240±	0-14±	--	Sand	6	7- -53	--	--	¼	--	PS	Yield inadequate; destroyed.
Wt 54	411908N720929.1	do	1953	10	Dug	12±	240±	0-12±	--	Sand	6	7- -53	--	--	2	--	PS	Yield inadequate and odor of H_2S; destroyed.
Wt 55	411905N720928.1	do	1956	11	Drl	28+	2½	0-15±	28+	Sand and gravel	5	7- -56	100	9.2	4	11.0±	Test	Group of 3 wells. Two wells finished with 10 to 15 ft of screen and pumped at combined rate of 100 gpm. Destroyed. L.
Wt 56	412409N720626.1	Bost View Water Co.	1910±	10	Dug	13.4	168	0-12±	--	Sand and gravel	8.3	6-22-65	21±	7±	3±	3.0±	PS	Supplies 200± people; adequate. C.
Wt 57	411907N720941.2	Henry Gardiner	1956	9	Drl	28	2½	0-18±	28	Sand and gravel	2½	6- -65	60	25±	--	2.4+	Test	Finished with 10(?) ft of 20-slot screen. Destroyed.
Wt 58	411918N720930.1	do	1956	9	Drl	32	2½	0-10±	28	Sand and gravel	2	7- -56	60	10	3	6.0	Test	Finished with 20 ft of 30-slot screen. Destroyed. L.
Wt 59	411918N720930.2	do	1956	9	Drl	20	2½	--	20±	Sand and gravel	2±	7- -56	--	--	--	--	Obs	Observation well for Wt 58. Finished with screen. Destroyed.

Table 1.--Records of wells--Continued

Well no.	Location	Owner or name	Year completed	Altitude above msl (feet)	Type of well	Depth below land surface (feet)	Diameter (inches)	Casing set from-to (feet)	Depth to bedrock (feet)	Water-yielding material	Static water level (feet below land surface)	Date of measurement	Yield (gpm)	Drawdown (feet)	Duration of test (hrs)	Specific capacity (gpm per ft of dd)	Use	Remarks
										Town of Waterford--Continued								
Wt 60	411909N720927.1	Henry Gardiner	1956	10	Drl	54	2½	--	54	Sand and gravel	4±	7- -56	25	19±	--	1.3±	Test	Finished with 10 ft of screen. Destroyed. L.
Wt 61	412030N720810.1	Waterford Public Library	1965	37	Drl	55±	6	0-15±	14	Bedrock	20±	6- -65	6	--	--	--	Inst	New well; not in use 12-2-65.
										RHODE ISLAND								
Wes 1 -102	412332N715019.	Town of Westerly-Water Dept.	1897	15	Drv	60±	2½	--	60+	Sand and gravel	--		--	--	--	--	PS	Situated outside study area. One number used for group of wells in battery. One hundred and two similar wells pumped at combined rate of 1,389 gpm for 24 hrs.
Wes 103 -166	412352N715028.	do	1921	8	Drv	35 - 60	2½	--	--	Sand and gravel	--		--	--	--	--	PS	Situated outside study area. One number used for group of wells in battery. Sixty-four similar wells pumped at combined rate of 1,215 gpm. C.
Wes 256	412329N715019.2	do	1953	10±	Drl	66	24	--	66+	Sand and gravel	2	-53	736	10.9	8	67.5	PS	Situated outside study area. Data not used except for permeability value in plate 8.

Table 2.--Re of springs

Spring no.: } See text for explanation of spring-numbering and location systems.
Location: }
Altitude: Estimated from topographic maps, contour interval 10 feet.
Use: Agr, agricultural; Dom, domestic; PS, public supply.
Remarks: C, chemical analysis in table 7.

Spring no.	Location	Owner	Altitude	Topographic situation	Water-bearing material	Improvements	Flow Rate (gpm)	Flow Date	Temperature (°F)	Temperature Date	Use	Remarks
						Town of Ledyard						
Ly 1sp	412729N715748.1	Town of Ledyard	200	Ravine at foot of hill	Till	Discharge pipe	0.5±	7-30-64	59	7-24-64	PS	Supplies recreation area. Temperature 63°F, 7-30-64. C.
						Town of Montville						
Mv 2sp	412709N720625.1	Nancy L. Rogers	22	Base of bank at edge of terrace	Sand and gravel	Concrete spring house	--		53	7-16-64	Dom	Supplies 3 people; adequate. Acidity reportedly increased. Temperature 53°F, 10-28-64. C.
						Town of North Stonington						
NSn 1sp	413028N714937.1	George Culver	400	Base of bank below upland flat	Gravel under hardpan (till)	2-ft tile reservoir, 8 ft deep	1±	8-11-59	--		Agr Dom	NSn 1sp and NSn 2sp supply 45± gpd for 33 sheep. Flow ceases occasionally in summer.
NSn 2sp	413028N714937.2	George Culver	400	Base of bank below upland flat	Gravel under hardpan (till)	--	2±	8-11-59	--		Agr Dom	NSn 1sp and NSn 2sp supply 45± gpd for 33 sheep. Flow ceases occasionally in summer.
						Town of Waterford						
Wt 1sp	412354N720641.1	Town of Waterford	60	Hillside	Till (and gneiss ?)	2-inch discharge pipe within poured concrete	.25±	8-19-64	53	8-19-64	PS	Reportedly contaminated in 1964. C.

Table 3.--Logs of selected wells

Under each heading are listed well number, latitude and longitude location number, and owner.

See table 1 for additional well information.

Text describes well-numbering and location system.

Data from drillers' logs unless otherwise noted. Underscored terms represent interpretations by I. G. Grossman.

	Thickness (feet)	Depth to bottom (feet)
Town of Bozrah		
Bz 5. 413016N720833.1. Theodore Sage. Owner's log.		
Loam	6±	6±
Gravel; little sand and cobbles.	8±	14
Bz 6. 413019N720833.1. Perry and Ruth White. Owners' log.		
Topsoil, black	1½	1½
Subsoil, yellow.	6	7½
Gravel, coarse, and boulders	52½	60
Cobbles, egg-sized, and coarse clean, brown grit (till?)	6	66
Town of East Lyme		
ELy 11. 412053N721250.1. Board of Education, East Lyme Jr. High School.		
Sand, light brown; with gravel ½-in.	18	18
Silt and fine sand	27	45
Clay, gray	45	90
Clay and fine sand	13	103
Clay and gravel.	6	109
Sand; gravel (½-in. to 2-in. about 60 percent of unit is gravel. Almost all water obtained here.).	16	125
ELy40. 411949N721134.2. State of Connecticut, Camp Dempsey.		
Sand and gravel.	28	28
Sand, coarse to very coarse, gray (water-bearing from 29 to 45 ft)	6	34
Sand, fine, gray	16	50
Sand, very fine, gray.	27	77
Sand, good, brown.	5	82
Sand, fine, gray	7	89
Sand, small, gravel, brown	4	93
Sand, very fine, gray.	2	95
Sand, fair to good, gray (water-bearing from 95 to 110 ft)	10	105
Sand, fair, gray	5	110
ELy41. 411945N721318.1. Carriage Hill Corp.		
Sand, fine brown	10	10
Sand, medium	10	20
Sand, fine, brown.	10	30
Sand, coarse, and gravel	5	35
Sand, medium	5	40
Silt	20	60
Hardpan (till)	6	66
Rock		at 66
ELy 56. 412057N721241.1. Laurel Hill Acres, Inc.		
Topsoil and silt	15	15
Clay, blue	33	48
Sand, fine, dirty.	20	68
Sand and gravel.	4	72
ELy 57. 412033N721247.1. Bargnesi Water Supply.		
Soil	2	2
Sand, fine, brown.	28	30
Gravel with sand, brown.	18	48
Town of Groton		
Gt 28. 412101N715954.1. Eastern Water Co. Inc.		
Hardpan and boulders	8	8
Sand, medium	12	20
Sand, medium, and some gravel, layer of clay at 23 ft.	5	25
Sand, medium layer of clay at 35 ft.	14	39
Gravel, hardpan and boulders (till).	1	40
Refusal.		at 40
Gt 29. 412101N715952.1. Eastern Water Co., Inc.		
Hardpan and boulders	8	8
Sand, medium	12	20
Sand, medium; some gravel, (layer of clay?)	5	25
Sand, medium (layer of clay?).	24	49
Gravel and hardpan (till).		at 49
Gt 30. 412053N715947.1. Eastern Water Co., Inc.		
Sand, coarse, good	15	15
Sand, medium, and silt	5	20
Sand, brown, dirty	5	25
Sand, medium, and clay	7	32
Sand, fine, and clay	12	44
Hardpan (till)	3½	47½
Ledge.		at 47½
Gt 33. 412208N715817.1. William G. Fish.		
Topsoil.	2	2
Gravel	4	6
Clay, fine	12	18
Sand, water-bearing.	2	20
Gt 56. 412058N715949.1. Eastern Water Co., Inc.		
Topsoil.	2½	2½
Sand, medium, and gravel	31½	34
Clay	6	40
Sand, coarse, and gravel	33	73
Ledge	11	84
Gt 87. 412322N720515.1. U.S. Naval Submarine Base.		
Sand, fine, silty, brown	16	16
Sand, fine, silty, brown; traces of clay and broken stone	10½	26½
Sand, fine, silty, brown; traces of clay	48½	75
Refusal.		at 75
Gt 88. 412326N720509.1. U.S. Naval Submarine Base.		
Sand, fine, silty, brown; broken stone with traces of clay.	21	21
Sand, fine, silty, brown; traces of clay	26½	47½
Sand, fine, silty, brown	16	63½
Sand, fine, silty, brown; and brown clay	29	92½
Refusal.		at 92½
Gt 90. 412318N720455.1. U.S. Naval Submarine Base.		
Sand, fine, gray; and gravel, silt, and traces of clay	21	21
Sand and gravel, brown	8	29
Refusal.		at 29
Gt 95. 412349N720533.1. U.S. Naval Submarine Base.		
Sand, dark gray, broken stone, clay.	1	1
Clay, dark gray; silty sand.	25½	26½
Clay and silty, dark gray sand	17½	44
Refusal.		at 44
Gt 98. 412329N720517.1. U.S. Naval Submarine Base.		
Sand, fine, silty brown; broken stone, clay	37	37
Sand, silty, reddish-brown, and clay	10½	47½
Sand, silty, brown, and clay	7½	55
Refusal.		at 55
Gt 100. 412331N720525.1. U.S. Naval Submarine Base.		
Sand, fine, silty; broken stone, and clay	21	21
Sand, fine, silty, brown, and clay	16	37
Sand, silty, reddish-brown; and clay	22½	59½
Refusal.		at 59½
Gt 113. 412146N720205.1. City of Groton, Dept. of Utilities.		
Topsoil, gravel, coarse, and boulders	10	10
Gravel, fine to medium, and cobbles.	20	30
Sand, fine to medium	25	55
Sand, medium to coarse	15	70
Sand, fine, and gravel	2.5	72.5
Gt 114. 412214N720224.1. City of Groton, Dept. of Utilities.		
Topsoil, gravel coarse, and boulders	10	10
Gravel, medium to coarse	10	20
Sand, fine to medium	30	50
Gravel, medium to coarse, with sand, very fine (till?).	7.6	57.6
Town of Lebanon		
Lb 2. 413725N721922.1. Beseck Lake Water Co.		
Soil, dirt and boulders.	10±	10±
Granite, hard.	90±	100±
Rock, soft, main water bed	15±	115±
Rock, alternating hard and soft, water-bearing.	105±	220±
Lb 14. 413737N721643.1. Carefree Homes, Inc.		
Loam, sandy.	2	2
Hardpan, black, clayey	1	3
Sand and gravel, water-bearing	17	20
Lb 19. 413741N721807.1. Grand Lake Lodge, Inc. Owner's and driller's composite log of wells Lb 19-23.		
Artificial fill.	3	3
Swamp muck, brown.	1½	4½
Sand, fine, with fine gravel	13½±	18 ±
Lb 28. 413255N721349.1. Red Cedar Lake Sites Development Corp., Inc.		
Loam, yellow and black	3	3
Sand, with boulder 8 to 10 in. in diameter	7	10
Granite, gray, dense	8	18
Granite, dark gray, with seam yielding 1½ gpm at 32 ft	20	38
Granite, light gray.	8	46
Granite, with mica, with seam, total yield increased to 2½ gpm.	36	82
Granite, very hard, light gray	72	154
Granite, dark gray, with seam, total yield increased to 11-15 gpm	32	186
Granite, light gray.	14	200
Lb 32. 413431N721212.1. Dominick Puhlick. Owner's log.		
Topsoil, dark, almost black.	1½	1½
Subsoil, light-colored	3½	5
Hardpan, sandy, with 1-in. stones.	3	8
Mixed material; with pebbles and cobbles, not water-bearing.	3	11
Sand, coarse; with small pebbles, light-brown.	5	16
Lb 34. 413834N721213.1. Anthony Kasacek.		
Loam and subsoil	2	2
Silt, greenish-gray.	4	6
Sand, yellowish-tan.	1	7
Silt, greenish-gray.	7	14
Ledge (bedrock).		at 14
Town of Ledyard		
Ly 24. 412616N715809.1. Lifetime Homes, Inc.		
Clay, hard	5	5
Sand, brown.	5	10
Sand, coarse	5	15
Sand and gravel.	5	20
Gravel, coarse	20	40
Sand and clay.	3±	43
Bedrock.		at 43
Ly 25. 412613N715809.1. Lifetime Homes, Inc.		
Loam	2	2
Sand, compacted, brown, and sharp gravel	13	15
Sand, fine, brown, and sharp gravel.	10	25
Sand, fine, light gray	5	30
Sand, medium, brown, and gravel.	19	49
Rock		at 49

Table 3.--Logs of selected wells--Continued

	Thickness (feet)	Depth to bottom (feet)
Town of Ledyard--Continued		
Ly 26. 412538N720346.1. Christy Hill Water Co.		
Humus and peat	10	10
Sand, fine	4	14
Sand, coarse (and gravel?)	22	36
Bedrock		at 36
Ly 28. 412542N720344.1. Christy Hill Water Co.		
Sand, fine	33	33
Gravel, coarse, main water-bearing bed	10	43
Ly 35. 412626N720502.1. Dow Chemical Co.		
Fill	3	3
Sand and clay	9	12
Gravel, dirty, brown	18	30
Gravel, medium, gray	6	36
Refusal		at 36
Ly 38. 412708N720410.1. Town of Ledyard, Board of Education J. W. Long School.		
Loam, black and yellow clay	3	3
Gravel, fine, with sand; multi-colored	7	10
Gravel, fine, mixed, black; with fine light brown sand	5	15
Sand, fine, light brown and gray	5	20
Sand, extremely fine, hard packed, brown	15	35
Sand, fine, light brown	5	40
Sand, coarse, dark gray; and very fine gravel	5	45
Gravel, fine, light gray; with multi-colored sand	25	70
Quicksand, light brown	15	85
Sand, yellow to white; with fine rounded, dark gray gravel	18	103
Gravel, rounded, ¼ to 3 in. in diameter	5	108
No ledge, no sample	20	128
42. 412659N720058.1. Ledyard Village Home Owners Association.		
Sand and clay	2½	2½
Gravel, coarse	7	9½
Hardpan	2	11½
Gravel and coarse sand, mixed most water here	5	16½
Hardpan	2	18½
Gravel, coarse	2	20½
Gravel, fine, sandy	3½	24
Ledge, broken	2	26
Granite	2	28
Ly 46. 412701N720401.1. Charles Pfizer & Co., Inc.		
Sand, fine, brown, no water	10	10
Sand, silty, gray, no water	11	21
Probable boulder	3	24
Refusal		at 24
Ly 48. 412728N720404.1. Charles Pfizer & Co., Inc.		
Sand, coarse	10	10
Sand and gravel	10	20
Sand, medium	10	30
Gravel, fine	10	40
Sand, coarse	10	50
Gravel, medium (fine at 60 to 70 ft)	26	76
Ly 50. 412728N720404.2. Charles Pfizer & Co., Inc.		
Hardpan and boulders	15	15
Sand, sharp, gray, and gravel	23	38
Sand, medium, gray, gravel; and traces of clay	21	59
Ly 51. 412728N720404.3. Charles Pfizer & Co., Inc.		
Hardpan and boulders	16	16
Sand, gray, and gravel	24	40
Sand, gray, gravel; and traces of clay	18	58
Ly 52. 412728N720404.4. Charles Pfizer & Co., Inc.		
Hardpan and boulders	14	14
Sand, brown, and gravel	25	39
Sand, gray; and traces of gray clay	17	56
Ly 56. 412657N720318.1. Charles Pfizer & Co., Inc.		
Loam	2	2
Clay, sandy, compact, yellow, and boulders	8	10
Sand, fine to medium, brown, with gravel and boulders	13	23
Clay, hard, gray; some sand and gravel	9	32
Refusal		at 32
Ly 62. 412711N720350.1. Charles Pfizer & Co., Inc.		
Loam	2	2
Clay, sandy, compact, yellow, and sharp gravel	15	17
Sand, fine, light gray, gravel and boulders	13	30
Sand, fine to medium, light gray, gravel and boulders	10	40
Sand, fine, gray, small sharp gravel and clay	18	58
Refusal (bedrock)		at 58
Ly 63. 412710N720348.1. Charles Pfizer & Co., Inc.		
Loam	2	2
Clay, sandy, yellow	9	11
Clay, hard, gray, sharp gravel and boulders	12	23
Sand, fine, compact, yellow, gravel, clay and boulders	18	41
Sand, compact, gray, gravel, clay and boulders (till?)	9	50
Refusal		at 50
Ly 66. 412711N720400.1. Charles Pfizer & Co., Inc.		
Loam	2	2
Clay, sandy, yellow	10	12
Sand, fine, yellow, and sharp gravel	11	23
Sand, silty, yellow	36	59
Sand, fine, yellow, fine sharp gravel with trace of clay (till)	5	64
Refusal		at 64
Ly 79. 412727N720406.1. Charles Pfizer & Co., Inc.		
Clay, sandy, yellow, and gravel	5	5
Sand, medium, yellow, and gravel	16	21
Sand, fine to medium, yellow, and gravel	4	25
Ly 81. 412726N720404.1. Charles Pfizer & Co., Inc.		
Loam	2	2
Clay, sandy, yellow	8	10
Sand, medium, yellow, and gravel	30	40
Sand, fine, yellow, fine gravel, some clay (till?)	31	71
Refusal		at 71
Ly 91. 412416N720525.1. U.S. Naval Submarine Base.		
Sand, fine, brown, and traces of clay	21	21
Sand, fine, silty, gray	10	31
Sand, silty, gray and brown, traces of brown and gray clay	11	42
Sand, silty, brown, and traces of brown clay	5	47
Refusal		at 48
Ly 95. 412414N720429.1. U.S. Naval Submarine Base.		
Sand, silty, brown, broken stone, boulders and clay	21	21
Sand, fine, silty, and clay	24½	45½
Refusal		at 45½
Ly 101. 412458N720515.1. U.S. Naval Submarine Base.		
Sand and gravel, tight (alluvium)	15	15
Sand, fine to medium; traces of clay	40	55
Sand, fine to medium and gravel	2	57
Refusal		at 57
Ly 105. 412537N720507.1. U.S. Naval Submarine Base.		
Sand, fine to medium, and traces of gravel	28	28
Sand, fine to medium	28	56
Sand, fine, medium and coarse; and gravel	22	78
Sand, fine, gray, and gravel	7	85
Ly 106. 412530N720509.1. U.S. Naval Submarine Base.		
Sand, fine to medium; some gravel; traces of gray clay	52	52
Sand, fine, medium, and coarse, dark brown, and gravel	9½	61½
Ly 108. 412530N720504.1. U.S. Naval Submarine Base.		
Sand, fine, medium, and coarse, and gravel	55	55
Sand, fine, dark brown, and gravel	15	70
Ly 111. 412537N720507.2. U.S. Naval Submarine Base.		
Topsoil	2	2
Sand, fine to medium, brown	15	17
Sand, coarse to medium, brown	18	35
Sand, medium to fine, brown	20	55
Gravel, coarse; with medium brown sand	11	66
Gravel, coarse; with medium to fine gray sand	14	80
Sand, very fine (till)	2	82
Rock		at 82
Ly 114. 412703N720243.1. Charles Pfizer & Co., Inc.		
Gravel	10	10
Sand, gray, and coarse gravel	20	30
Sand, medium, and gravel	3	33
Refusal		at 33½
Ly 116. 412702N720237.2. Charles Pfizer & Co., Inc.		
Sand, fine gray	17	17
Sand, fine to medium, gray, and gravel	31	48
Gravel, sharp (till)	2	50
Refusal, probably ledge		at 50
Town of Montville		
Mv 17. 412555N720601.2. Continental Can Co.		
Earth, rough	30	30
Sand and gravel	20	50
Sand, fine	35	85
Hardpan and clay	10	95
Sand, fine, silty (till?)	15	110
Rock formation	2	112
Mv 21. 412555N720618.1. Jennie Butler and Mary Zachrick. Owners' log.		
Topsoil, brown, and loam	3	3
Gravel, cobbly, gray	22	25
Sand, gray, no stones	10±	35±
Gravel, fewer cobbles than at 22 to 25 ft, well-rounded cobbles up to apple sized (tightly packed)	5±	40±
Sand, fine, soft, water-bearing	8±	48±
Not logged	12±	60
Mv 30. 412708N720818.1. Robertson Paper Box Co., Inc.		
Boulder hardpan	22	22
Gravel, dirty	2	24
Rock, soft, gray	16	40
Rock, hard, gray	160	200

	Thickness (feet)	Depth to bottom (feet)
Town of Montville--Continued		
Mv 47. 412931N720541.1. United Nuclear Corp.		
Sand, fill, fine to coarse, clean, white	13	13
Sand, very fine to very coarse, silty, brown, little fine gravel	12	25
Sand, very fine, some medium to coarse, tan	5	30
Sand, fine to coarse, silty, tan	5	35
Sand, very fine to fine, some medium to coarse, some fine silty gravel	10	45
Sand, very fine to fine, some medium to coarse, with fine to coarse gravel	10	55
Sand, very coarse, some fine to medium, and very silty gravel (till?)	13	68
Bedrock, pink granite	11	79
Mv 48. 412935N720541.1. United Nuclear Corp.		
Sand, fine to coarse, and gravel, fine to medium, very silty, brownish-gray	15	15
Sand, fine to coarse, slightly silty, brown	10	25
Sand, fine, tan and white	10	35
Sand and gravel, silty except at 40 to 45 ft, grayish brown and tan	25	60
Sand, very fine to fine, silty, gray	10	70
Sand and gravel, tan to brownish-gray, slightly silty at 80 to 100 ft.	30	100
Sand, fine to coarse, brownish-gray	10	110
Sand, fine to coarse, and fine gravel, slightly silty, brownish-gray (till?)	5	115
Sand and gravel, fine to coarse, very silty, brown, very hard (till)	11	126
Bedrock, pink granite	5	131
Mv 50. 412614N720612.2. Continental Can Co.		
Sand and boulders	23	23
Sand and gravel	32	55
Sand.	7	62
Sand and gravel	19	81
Sand.	3	84
Mv 52. 412615N720610.1. Continental Can Co.		
Sand and boulders	15	15
Sand and gravel	50	65
Sand.	33	98
Sand and gravel	1	99
Sand, silty (till?)	5	104
Mv 53. 412613N720619.1. Continental Can Co.		
Sand and boulders	8	8
Sand.	16	24
Sand and gravel	8	32
Bedrock	3	35
Mv 63. 412826N720511.1. G. & J. Water Co., Inc.		
Sand and gravel	5	5
Hardpan, with fist-sized stones (till)	60	65
Sand.	26	91
Sand and gravel	9	100
Mv 64. 412826N720511.2. G. & J. Water Co., Inc.		
Sand and gravel	5	5
Hardpan (till)	86	91
Sand and gravel	21	112
Mv 67. 412843N720525.1. Lathrop Brothers. Owner's log.		
Clay, sandy, whitish	11±	11±
Gravel	24±	35
Ledge, water-bearing	45	80
Town of New London		
NL 4. 412111N720636.1. Southern New England Ice and Oil Co.		
Earth and sand	18	18
Granite, light	22	40
Granite, gray, hard	60	100
Granite, medium, dark	40	140
Granite, soft, dark	5	145
Granite, hard, gray	25	170
Granite, soft, dark	5	175
Granite, hard, gray	25	200
NL 15. 412248N720619.1. Connecticut College.		
Overburden (till)	43	43
Granite, hard, gray	197	240
Granite, hard, gray, with clay crevices	110	350
Granite, hard, gray	55	405
Town of North Stonington		
NSn 29. 412516N715259.1. E. J. Murphy & Sons, Inc.		
Fill and silt	10	10
Gravel and boulders	10	20
Gravel, boney	10	30
NSn 30. 412440N715041.1. Hugo E. Wirtanen.		
Loam, red	3	3
Hardpan with cobbles, gray	3	6
Gravel, clayey, gray, water-bearing	7	13
Sand, fine, gray	1	14
NSn 48. 412655N715334.2. Eastern Water Co., Inc. Owner's log.		
Topsoil and rotted vegetation	1½	1½
Hardpan, silty	10½	12
Gravel, hard, silty	5	17
Sand, fine, silty, layered	3	20
Gravel, coarse, dirty	15	35
Sand, fine, some silt	6	41
NSn 51. 412656N715338.1. North Stonington Water Co.		
Rocks, hardpan	10	10
Gravel, hard packed	10	20
Gravel, medium	5	25
Sand, medium, and gravel	5	30
Gravel, clean	4	34
Sand, fine (till?)	4	38
Town of Norwich		
Nwh 22. 413249N720450.1. Thomas J. Kelly Jr. High School.		
Hardpan (till)	14	14
Granite, shale at 31-34 ft (schist)	38	52
(Schist)	4	56
Granite	52	108
Quartz seam	1	109
Granite, shale at 124-126 ft (schist)	52	161
Quartz	3	164
Granite, shale at 228-235 ft (schist)	127	291
Quartz	3	294
Granite	6	300
Nwh 27. 413010N720727.1. Harry M. Johnson.		
Topsoil, dark brown*	1	1
Clay, hard, gray*	8	9
Clay, hard, gray, stoneless, moist	3	12
Gravel, reddish-brown, water-bearing	7	19
* Excavated from land surface in 1960.		
Town of Old Lyme		
OL 20. 411748N721529.1. Point O'Woods.		
Dug well	23	23
Sand, medium, and gravel	4	27
Sand, medium to fine, grey	10	37
Sand, fine, and clay (till?)	13	50
OL 27. 411741N721708.1. Mile Creek School.		
Loam	3	3
Sand, silty, dirty, yellow (till)	6	9
Hardpan, gray, with cobbles (till)	9	18
Rock, hard, first water at 80 ft	25	43
Rock, soft, total yield 5 gpm at 140 ft	97	140
Rock, soft, no additional water	210	350
OL 68. 411702N721701.1. H. P. Garvin. Owner's log.		
Sand	12	12
Hardpan	3	15
Sand	3	18
OL 71. 411726N721711.1. H. P. Garvin. Owner's log.		
Not logged (sand)	36	36
Rock, about 6 dry openings	314	350
Rock, total yield 39 gpm at 400 ft	50	400
Rock, lost 5 gpm, total yield 34 gpm at 450 ft	50	450
OL 75. 411728N721708.1. H. P. Garvin.		
Gravel, coarse, packed	8	8
Gravel, medium	6	14
Sand and clay	20	34
Refusal		at 34
OL 78. 411747N721525.1. Point O'Woods.		
Loam, black	2	2
Gravel, sharp, brown and boulders	10	12
Sand, fine, gray, scattered gravel, gray clay	18	30
Sand and gravel, sharp, brown	11	41
Ledge, refusal		at 41
OL 79. 411747N721529.2. Point O'Woods.		
Sand, sharp, gravel; boulders	12	12
Sand, sharp, brown; boulders, water from 16 ft up	8	20
Silt, fine, gray, sand; scattered gravel	42	62
Refusal		at 62
Town of Preston		
Ps 33. 413122N715848.1. Mrs. Peter Garino. Owner's log.		
Gravel, baseball-sized cobbles	30	30
Quicksand, live	75	105
Gravel, pea-sized	9	114
Ps 36. 413201N720235.1. Donald W. Krohn.		
Dirt (till)	7	7
Rock, seamy rotten	15	22
Rock, with black cuttings	43	65
Ps 65. 412917N720201.1. Connecticut Brass Corp. Owner's log.		
Topsoil, brown	½	½
Clay, yellow	4½	5?
Gravel, coarse, 1 to 2 in. pebbles, yellowish-brown, water-bearing	16?	21?
Ledge		at 21
Ps 67. 412925N720434.3. Norwich Hospital.		
Sand, coarse, brown and gray, and gravel	40	40
Sand, muddy	5	45
Sand, gray	20	65
Sand, coarse, water-bearing	30	95
Gravel, coarse, water-bearing	10	105
Sand, coarse, water-bearing	17	122
Sand, fine, brown, and clay	21	143
Ledge		at 143
Ps 77. 412911N720326.1. Norwich Hospital.		
Gravel	10	10
Sand, fine	25	35
Refusal		at 35
Ps 86. 412921N720406.1. Norwich Hospital.		
Sand, fine	10	10
Sand, clay, boulders	43	53
Ledge		at 53
Ps 87. 412920N720340.1. Norwich Hospital.		
Sand, fine (till)	10	10
Sand, fine, brown, and clay (till)	37	47
Ledge		at 47
Ps 88. 412911N720410.1. Norwich Hospital.		
Sand, coarse	10	10
Gravel, medium	15	25
Sand, fine to medium, gray	20	45
Sand, very fine, brown and gray	55	100
Sand, fine, brown, and clay (till?)	30	130
Ledge		at 130

Table 3.--Logs of selected wells--Continued

	Thickness (feet)	Depth to bottom (feet)
Town of Preston--Continued		
Ps 112. 412912N720434.1. Norwich Hospital.		
Sand and gravel, pumped at 100 gpm for 1 hour, 9-in. vacuum	40	40
Sand, fine, and gravel; traces of clay, pumped at 10 gpm at 21-in. vacuum	13½	53½
Sand, fine, gravel, fine; trace of clay, pumped at 60 gpm for 1 hour, 20-in. vacuum	10½	64
Sand, and dark gravel, pumped at 100 gpm for 1 hour	10	74
Sand, medium, and clay, pumped well at 10 gpm for 1 hour	10	84
Ps 115. 412929N715858.1. Country Squire Water Co. Owner's log.		
Soil, mulch, and leaves	1	1
Gravel, 1-in. pebbles, gray	14	15
Ledge, hard, gray seam at 90-92 ft yielded 20+ gpm	81	96
Town of Salem		
Sm 4. 412935N721337.1. Jack Cooper.		
Loam	½	½
Gravel, hard packed	27	27½
Sand, coarse	6	33½
Town of Stonington		
Sn 68. 412156N715207.1. A. Kellegher.		
Till	20	20
Granite	35	55
Granite, rotten, brown, main water-bearing zone	4	59
Sn 126. 412300N715746.1. Richard Grover.		
Loam and gravel	12	12
Gravel, water-bearing, odor of river mud	13	25
Quicksand	75	100
Gravel, water-bearing	25	125
135. 412156N715105.1. Town of Stonington.		
Soil, loam	2	2
Clay, gray	8	10
Gravel, coarse, gray, mixed with fines; water rose under artesian pressure	3	13

	Thickness (feet)	Depth to bottom (feet)
Town of Waterford		
Wt 22. 412018N720657.1. Wallace Giachello.		
Loam	1	1
Hardpan (till)	14	15
Rock	163	178
Wt 27. 412144N720852.1. Town of Waterford.		
Topsoil	2	2
Sand, fine to medium, orange, and gravel	19	21
Gravel, medium to coarse, orange	11	32
Sand, fine, brown, silty, and clay (till?)	5	37
Wt 29. 412206N720906.1. Town of Waterford.		
Sand, silty, grayish	21	21
Sand, fine, light brown	15	36
Sand, light brown; some medium gravel	11	47
Clay, gray (till?)	3	50
Refusal		at 50
Wt 38. 412357N721040.2. Town of Waterford.		
Gravel and boulders	8	8
Sand, fine to medium	32	40
Sand, fine to medium; small amount of fine to medium gravel	10	50
Sand and gravel, very tight, no water (till?)	2	52
Wt 39. 412357N721041.2. Town of Waterford.		
Sand, coarse, brown, and boulders	15	15
Sand, fine, brown, and gravel	5	20
Sand, grayish-brown; traces of silt	10	30
Sand, brown, and fine gravel	10	40
Coarse gravel with brown sand, fine gravel; traces of clay	3	43
Sand, brown, and fine gravel; traces of silt	7	50
Sand, fine, grayish (till)	1	51
Refusal, rock		at 51
Wt 44. 412410N720725.3. Town of Waterford.		
Topsoil	2	2
Sand, fine, and silt mixed with gray clay	17	19
Sand and red clay	2	21
Sand, medium to coarse	2	23
Gravel, coarse to fine	3	26
Sand, coarse, to medium gravel; traces of silt	3	29
Sand, coarse, and medium	10	39
Clay	3	42
Refusal (ledge)		at 42

	Thickness (feet)	Depth to bottom (feet)
Wt 50. 411904N720930.1. Henry Gardiner. Owner's log.		
Topsoil, light brown	1	1
Subsoil, yellow	1	2
Sand, white, alternating with gray gravel	6	8
Sand (hardpan) compact, elephant gray	1	9
Sand, white, alternating with gray gravel, at least 95% of water here	9	18
Wt 52. 411907N720941.1. Henry Gardiner.		
Gravel, medium	24	24
Sand, fine	4	28
Ledge		at 28
Wt 55. 411905N720928.1. Henry Gardiner.		
Gravel, medium	20	20
Sand, fine	8	28
Ledge		at 28
Wt 58. 411918N720930.1. Henry Gardiner.		
Gravel, coarse	8	8
Gravel, medium	13	21
Sand, fine	7	28
Ledge	4	32
Wt 60. 411909N720927.1. Henry Gardiner.		
Gravel, medium, water-bearing	23	23
Silt and clay, not productive	31	54
Ledge		at 54

Table 4.--Logs of test holes

Test-hole number, location: See text for explanation of test-hole numbering and location systems.

Altitude: Connecticut State Highway Department and U.S. Corps of Engineers borings determined by precise leveling.

Water level: Feet below land surface. Measurements generally made shortly after completion of the hole and may not be representative of natural conditions.

Material description: Terms underscored represent interpretations by I. G. Grossman and R. L. Melvin. Grain-size classifications used in preparation of logs are compared in the table to the right.

Connecticut State Highway Department: Mostly small-diameter borings put down with jetting rigs equipped to core rock, by the Highway Department or by commercial test drilling firms under contract. Logs are based on split-spoon samples collected generally at 5-foot intervals, supplemented by drillers' observations. Grain-size classification used by the Highway Department changed in 1959.

U.S. Corps of Engineers: Similar to Connecticut State Highway Department borings, except split-spoon sampling was usually continuous above bedrock. Logs given in this report represent simplified interpretations of the original logs, which are coded according to the Providence Soil Classification system.

Grain size (millimeters)	Conn. State Highway Dept. borings before 1959	AASHO Classification Conn. State Highway Dept. borings since about 1959	United Soil Classification: U.S. Corps of Engineers bori
		Boulders	
		203 mm (8 in)	
		Cobbles	Cobbles
76.2 (3 in)	Gravel	Gravel: Coarse	Gravel
		25.4 mm	
		medium	
4.76		9.5 mm	
		Fine	Coarse sand
2	Coarse sand	Coarse sand	Medium sand
	0.6 mm		
.42	Medium sand		
	0.2 mm	Fine sand	Fine sand
	Fine sand		
.074			
	0.06 mm	Silt	Fines (Silt or Clay)
.004	Silt		
	0.002 mm	Clay	
	Clay		

Town of Bozrah

Bz 1 th. 413402N721017.1. Conn. State Highway Dept. Drilled 1941. Altitude 159 ft. Water level 6? ft. One other test boring, (not shown), 17 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Loam and sand	6	6
Sand, gravel and cobbles	28	34
Rock, soft	7	41

Bz 2 th. 413350N720954.1. Conn. State Highway Dept. Drilled 1961. Altitude 160 ft. Water level 9 ft. One additional boring, 41 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Sand, fine to gravel; trace of silt and cobbles (fill)	12±	12±
Gravel, cobbles, and organic silt, mixed	5±	17±
Sand, fine, brown, and organic silt	7±	24±
Gravel, light-brown, and sand; trace of silt and cobbles	8±	32±
Sand, fine, tan; trace of silt	6±	38±
Sand, fine to coarse, tan; trace of silt	6±	44±
Gravel, tan, and sand; trace of silt and cobbles		at 44±

Bz 4 th. 413353N720835.1. Conn. State Highway Dept. Drilled 1958. Altitude 158 ft. Water level ft. Two additional borings (not shown), 20 and 23 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Topsoil, brown; trace of cobbles and boulders	1	1
Silt, tan; some fine sand	2	3
Sand, coarse to fine, reddish-brown; some fine to coarse gravel; little silt; trace of cobbles (till)	2	5
Gravel, fine to coarse, tan, and coarse to fine sand; little silt; trace of rotten rock and cobbles (hardpan)	14	19
Rock, very hard, gray, white	5	24

Bz 5 th. 413337N720939.1. Conn. State Highway Dept. Drilled 1958. Altitude 153 ft. Water level 0 ft. Eleven additional borings (not shown), 35 to 62 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Water	14	14
Muck	1	15
Gravel, tan; some fine to coarse sand; trace of cobbles	3	18
Gravel, medium, to coarse sand, brown; little fine to medium sand; trace of silt	4	22
Sand, fine to coarse, gray; little gravel; trace of silt and cobbles	11	33
Sand, fine, to medium gravel, gray; little silt; trace of clay and cobbles (till?)	17	50

Bz 8 th. 413342N720956.2. Conn. State Highway Dept. Drilled 1958. Altitude 164 ft. Water level 12 ft. Two additional borings (not shown), 18 and 28 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Sand, medium and silt	5	5
Sand, medium, and gravel	10	15
Sand and gravel; some silt and cobbles (hardpan)	7	22
Sand, medium to coarse, and gravel; some cobbles	13	35
Sand, medium to fine; some coarse sand	5	40

Bz 13 th. 413353N720835.2. Conn. State Highway Dept. Drilled 1958. Altitude 159 ft. Water level 5? ft. Two additional borings (not shown), 20 and 23 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Topsoil, brown	1	1
Sand, fine, tan, some silt; trace of medium to coarse sand	2	3
Sand, coarse to fine, tan, and fine to coarse gravel; little silt; trace of cobbles and rotten rock (hardpan)	8	11
Boulder	1	12
Sand, tan, gravel, silt, cobbles (hardpan)	½	12½
Boulder	1½	14
Sand, tan, gravel, silt, cobbles (hardpan)	½	14½
Boulder	1	15½
Gravel, fine to coarse, tan, and coarse to fine sand; little cobbles; little silt; trace of rotten rock, hardpan (till)	8½	24

Bz 14 th. 413338N720933.1. Conn. State Highway Dept. Drilled 1958. Altitude 183 ft. Water level 3 ft. Eleven additional borings (not shown), 35 to 62 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Topsoil, dark-brown	1	1
Sand, fine, tan; traces of medium to coarse sand, gravel and silt	6	7
Gravel, and tan fine to coarse sand; little cobbles; trace of silt	24½	31½
Sand, fine, gray, tan; trace of silt	9	40½
Sand, fine, gray; little medium to coarse sand; traces of silt, clay, and small cobbles (till?)	20	60½

Bz 29 th. 413445N721152.1. Conn. State Highway Dept. Drilled 1963. Altitude 211 ft. Water level 11 ft. Three additional borings (not shown), 53 to 66 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Gravel; small boulders; sand; and silt (fill)	10	10
Sand, fine, tan; little fine to medium gravel; little silt; little coarse sand; few cobbles	3½	13½
Sand, tan, and silt; little gravel	2½	16
Sand, fine, tan, and silt; some fine to medium gravel; trace of coarse sand (till?)	2	18
Sand, gray; some gravel and silt (till?)	3	21
Sand, fine to coarse, gray; some gravel and silt; few cobbles (till)	7	28
Rock, hard, gray	5	33

Bz 32 th. 413412N721034.1. Conn. State Highway Dept. Drilled 1941. Altitude 159 ft. Water level 3 ft. Three additional borings (not shown), 34 to 47 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Loam and sand	6	6
Gravel	4	10
Hardpan (till)	28	38
Rock, soft	6	44

Town of Colchester

Co 1 th. 413158N721606.1. Conn. State Highway Dept. Drilled 1953. Altitude 341 ft. Water level 0 ft.

	Thickness (feet)	Depth to bottom (feet)
Sand, medium, and gravel	5	5
Sand, coarse, and gravel	3	8
Sand, medium to fine, brown and gravel	4	12
Sand, medium, gray; some silt and clay	10	22

Co 2th. 413158N721606.2. Conn. State Highway Dept. Drilled 1959. Altitude 343 ft. Water level ½ ft.

	Thickness (feet)	Depth to bottom (feet)
Sand, medium to fine, and silt	3	3
Boulder	1	4
Sand, medium to fine, brown; gravel and cobbles; trace of fine sand and silt	8	12
Sand, fine to medium, gray; gravel and cobbles; some silt	9	21

Town of East Lyme

ELy3 th. 412213N721148.1. Conn. State Highway Dept. Drilled 1925. Altitude 0 ft. Water level 0 ft. One additional boring (not shown), 45 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Water	3½	3½
Rock and gravel fill	18	21½
Sand	18½	40
Boulders and gravel	8½	48½

	Thickness (feet)	Depth to bottom (feet)
Town of East Lyme--Continued		
ELy 5 th. 412213N721148.2. Conn. State Highway Dept. Drilled 1925. Altitude 0 ft. Water level 1 ft. One additional boring (not shown), 45 ft deep, at this site.		
Cobbles and coarse gravel	10	10
Gravel	21	31
Gravel, hard; rock and sand	8½	39½
ELy 15 th. 412211N721209.1. Conn. State Highway Dept. Drilled 1956. Altitude 36 ft. Water level 4? ft. Thirteen additional borings (not shown), 6 to 25 ft deep, at this site.		
Sand, coarse to fine, brown; some silt; trace of medium to fine gravel (topsoil)	4	4
Gravel, medium to fine, gray; some coarse to fine sand; little silt.	3½	7½
Boulder	2	9½
Sand, coarse to fine, gray; some medium to fine gravel; trace of silt	3±	12½±
Sand, medium to fine, gray; little medium to fine gravel; little silt	4±	16½
Boulder	1	17½
Gravel, medium to fine, light-brown; some silt; little sand (till?)	3½	21
Granite, hard	5	26
ELy 22 th. 412126N721252.1. Conn. State Highway Dept. Drilled 1956. Altitude 34 ft. Water level 1½ ft. Two additional borings (not shown), 42 and 45 ft deep, at this site.		
Peat, dark-brown; some organic silt	1½	1½
Sand, coarse to fine, tan-gray	26½	28
Sand, medium-fine, tan-gray	3½	31½
Sand, coarse to medium, light brown	5	36½
Sand, medium to fine, gray	5	41½
Sand, coarse to fine, gray; trace of fine gravel	5	46½
Sand, coarse to fine, gray; trace of silt	10	56½
Sand, fine, gray, and gray silt; trace of clay	5	61½
ELy 26 th. 412011N721430.1. Conn. State Highway Dept. Drilled 1956. Altitude 36 ft. Water level 7? ft. Two additional borings (not shown), 44 ft deep, at this site.		
Loam and cobbles	2	2
Sand, gravel and silt	2	4
Sand, coarse, brown	3	7
Sand, gravel and silt	15	22
Sand, medium	2	24
Sand, gravel and silt	6	30
Sand, medium	3	33
Sand, gravel and silt	32	65
ELy 27 th. 412011N721430.2. Conn. State Highway Dept. Drilled 1956. Altitude 37 ft. Water level 8? ft. Two additional borings (not shown), 44 ft deep at this site.		
Sand and gravel	3	3
Silt and coarse sand	2	5
Silt, coarse sand and gravel	10	15
Sand, coarse	4	19
Sand, coarse and gravel	19	38
ELy 35 th. 411849N721306.1. Conn. State Highway Dept. Drilled 1933. Altitude 6? ft. Water level 0 ft. Seven additional borings (not shown), 19 to 51 ft deep, at this site.		
Not logged	7	7
Clay, blue, and mud (estuarine deposit)	13	20
Sand, white and yellow	17	37
Sand, fine	13	50
ELy 36 th. 411849N721306.2. Conn. State Highway Dept. Drilled 1933. Altitude 6 ft. Water level 0 ft. Seven additional borings (not shown), 19 to 51 ft deep, at this site.		
Water (?)	8	8
Clay, blue, and mud (estuarine deposit)	21	29
Sand, white and brown	6	35
Sand, fine	17	52
Town of Franklin		
Fr 12 th. 413351N720734.1. Conn. State Highway Dept. Drilled 1953. Altitude 106 ft. Water level 5? ft. Eight additional borings (not shown), 39 to 60 ft deep, at this site.		
Loam	2	2
Gravel	4½	6½
Sand, medium and fine; some silt; very little gravel	10	16½
Sand, medium; some silt	23	39½
Sand, medium and coarse; some silt	43	82½
Sand, medium, brown; some silt	6	88½
Fr 17 th. 413351N720734.2. Conn. State Highway Dept. Drilled 1953. Altitude 105 ft. Water level 4? ft. Eight additional borings (not shown), 39 to 60 ft deep, at this site.		
Topsoil	1½	1½
Gravel, fine; some silt	8½	10
Gravel, fine; coarse sand and silt	11	21
Sand, medium to coarse and silt	30	51
Sand, medium to fine, brown, silt	28	79
Rock	3	82
Town of Groton		
Gt 2 th. 412234N720238.1. Conn. State Highway Dept. Drilled 1941. Altitude 29 ft. Water level 0 ft. One additional boring (not shown), 28 ft deep, at this site.		
Water	1	1
Mud (alluvium)	3	4
Gravel and sand	21	25
Gt 11 th. 412149N720511.1. Conn. State Highway Dept. Drilled 1940. Altitude 0 ft. Water level 0 ft. Thirty-six additional borings (not shown), 9 to 181 ft deep, at this site.		
Water	22	22
Silt, organic (estuarine deposit)	12	34
Sand, coarse to medium, brown to gray	27	61
Sand, fine, brown	30	91
Sand, very fine, brown	16	107
Sand, fine, gray, micaceous	13	120
Sand, coarse, brown	1	121
Granite	20	141
Gt 13 th. 412149N720501.1. Conn. State Highway Dept. Drilled 1940. Altitude 28 ft. Water level 25? ft. Thirty-six additional borings (not shown), 9 to 181 ft deep, at this site.		
Gravel and cobbles	4	4
Sand, fine to medium; some clay	17	21
Sand, fine; some clay	36	57
Sand, medium and clay (hardpan)	16½	73½
Rock	5	78½
Gt 20 th. 412225N720258.1. Conn. State Highway Dept. Drilled 1941. Altitude 35 ft. Water level 0? ft.		
Gravel, sand and silt	7	7
Silt	2½	9½
Sand, coarse, and silt	2½	12
Gravel and sand	14	26
Gt 21 th. 412225N720258.2. Conn. State Highway Dept. Drilled 1941. Altitude 36 ft. Water level 1? ft.		
Silt	2	2
Gravel and sand	24	26
Gt 37 th. 412322N720001.1 Conn. State Highway Dept. Drilled 1942. Altitude 129 ft. Water level 5? ft.		
Sand and cobble gravel	10	10
Sand, gravel, cobbles and silt (till?)	7	17
Gravel, sand and silt (till?)	7½	24½
Hardpan	15	39½
Gt 38 th. 412323N715904.1. Conn. State Highway Dept. Drilled 1942. Altitude 72 ft. Water level 0? ft.		
Mud, gravel, sand, silt and cobbles	10	10
Boulders	3	13
Sand and silt	3	16
Rock	5	21
Gt 40 th. 412321N715825.1. Conn. State Highway Dept. Drilled 1942. Altitude 23 ft. Water level 1? ft.		
Topsoil, black	1	1
Gravel, sand, and gray silt	20	21
Sand, medium, and gray to yellow silt	16	37
Sand, medium to coarse, and yellow silt	5	42
Sand, medium and gray silt	12	54
Gt 43 th. 412224N715801.1. Conn. State Highway Dept. Drilled 1961. Altitude 0 ft. Water level 0 ft. Twenty additional borings (not shown), 31-105 ft deep, at this site.		
Water	2	2
Muck and peat	7	9
Sand, fine to coarse, gray and gravel	4½	13½
Sand, fine to coarse, brown; some gravel; little silt (till?)	14½	28
Granite gneiss, soft, gray	12	40
Gt 45 th. 412224N715759.1. Conn. State Highway Dept. Drilled 1961. Altitude 0 ft. Water level 0 ft. Twenty additional borings (not shown), 31 to 105 ft deep, at this site.		
Water	4½	4½
Sand, fine to coarse, gray-brown; muck and gravel; shells (estuarine deposits)	10	14½
Sand, fine to coarse, brown, and gravel; some boulders; trace of silt (till?, 49 to 69 ft)	55	69½
Granite, fine-grained, pink	14	83½
Gt 77 th. 412136N720227.1. Conn. State Highway Dept. Drilled 1962. Altitude 21 ft. Water level 0 ft. Thirty-two additional borings (not shown), 64 to 156 ft deep, at this site.		
Water	6	6
Peat, dark brown to brownish-black (lake-bottom deposit)	17½	23½
Sand, coarse to fine, brown; little medium to fine gravel; trace of silt	5	28½
Gravel, medium to fine, brown to gray-brown; some coarse to fine sand; little silt	16	44½
Sand, coarse to fine, brown to gray-brown; some coarse to fine gravel; trace of silt	24½	69
Sand, coarse to fine, gray to gray-brown; some medium to fine gravel; trace of silt	10½	79½
Sand, coarse to fine, gray-brown; little coarse to fine gravel; little silt (boulder from 85 to 85½ ft) (till?)	24	103½
Granite gneiss, gray	5	108½
Gt. 80 th. 412137N720235.1. Conn. State Highway Dept. Drilled 1962. Altitude 36 ft. Water level 15 ft. Thirty-two additional borings (not shown), 64 to 156 ft deep, at this site.		
Topsoil, black	2	2
Gravel, coarse to fine, gray; some coarse to fine sand; little silt	16½	18½
Sand, coarse to fine, gray to brownish-gray; some gray, coarse to fine gravel; trace of silt	15	33½
Sand, coarse to fine, brown, and coarse to fine gravel; little silt	25	58½
Sand, coarse to fine, brown; some coarse to fine gravel; trace of silt	8	66½
Sand, fine, gray; some silt	7	73½
Gravel, coarse to fine, gray, and coarse to fine sand; some silt (till?)	4½	78
Schist, micaceous, quartzose	5	83

	Thickness (feet)	Depth to bottom (feet)
Town of Groton--Continued		
Gt 86 th. 412140N720202.1. Conn. State Highway Dept. Drilled 1962. Altitude 33 ft. Water level 10 ft. Six additional borings (not shown), 38 to 108 ft deep, at this site.		
Topsoil, brown	1½	1½
Sand, coarse to fine, gray, and medium to fine gravel; trace of silt	21½	23
Sand, coarse to fine, gray to brown; trace of medium-fine gravel; trace of silt	20	43
Sand, coarse to fine, gray; some coarse to fine gravel; trace of silt	16	59
Sand, medium to fine, gray; little silt; some medium gravel 60 to 63 ft	24	83
Silt, gray; some fine sand; trace of coarse sand	19½	102½
Sand, coarse to fine, brown; little silt, trace of medium to fine gravel	15	117½
Gneiss, granitic	5½	122
Gt 87 th. 412138N720202.1. Conn. State Highway Dept. Drilled 1962. Altitude 24 ft. Water level ½ ft. Six additional borings (not shown), 38 to 108 ft deep, at this site.		
Organic material, black to brown; little silt and medium to fine gravel	3	3
Gravel, coarse to fine, yellow-brown; some coarse to fine sand; little silt	7	10
Sand, coarse to fine, gray to gray-brown; some fine to medium gravel; trace of silt; no gravel 22 1/2-26 ft	16	26
Gneiss, granitic	5½	31½
Schist, micaceous, gray	4½	36
Gt 89 th. 412140N720146.1. Conn. State Highway Dept. Drilled 1962. Altitude 28 ft. Water level 1 ft. Ten additional borings (not shown), 25½ to 66 ft deep, at this site.		
Silt, black and peat (lake-bottom deposit)	7	7
Sand, coarse to fine, gray, and gray medium to fine gravel; trace of silt	11	18
Sand, coarse to fine, gray; little medium to fine gravel; trace of silt	22	40
Gneiss, granitic	5	45
Gt 92 th. 412143N720144.1. Conn. State Highway Dept. Drilled 1962. Altitude 33 ft. Water level 6 ft. Ten additional borings (not shown), 25½ to 66 ft deep, at this site.		
Sand, coarse to fine, black; little medium to fine gravel; trace of silt	3	3
Gravel, gray to brown; little coarse to fine sand; trace of silt	17	20
Sand, coarse to fine, brown to gray-brown; trace of medium to fine gravel; trace of silt	7½	27½
Gneiss, granitic	5	32½
Gt 100 th. 412138N720322.1. Conn. State Highway Dept. Drilled 1962. Altitude 63 ft. Water level 1 ft. Nine additional borings (not shown), 30 to 74 ft deep at this site.		
Organic material, gray-brown; some silt; little medium to fine sand; trace of medium gravel (swamp deposit)	2	2
Sand, coarse to fine; gray; little fine to medium gravel; trace of silt (stratified drift?)	26	28
Sand, medium to fine, gray; little silt (stratified drift?)	10	38
Sand, coarse to fine, gray; little silt; trace of medium to fine gravel (till?)	17	55
Schist, micaceous	5	60
Town of Ledyard		
Ly 5 th. 412451N720514.1. Conn. State Highway Dept. Drilled 1937. Altitude 0 ft. Water level 0 ft. One additional boring (not shown), 37½ ft deep, at this site.		
Water	3	3
Fill	6	9
Sand and mud	20½	29½
Sand and boulders (till?)	3	32½
Rock	4	36½
Ly 6 th. 412451N720514.2. Conn. State Highway Dept. Drilled 1937. Altitude 0 ft. Water level 0 ft.		
Water	10	10
Mud (estuarine deposit?)	28½	38½
Mud and blue clay (estuarine deposit?)	9	47½
Sand and boulders (till?)	3	50½
Ly 14 th. 412440N720157.1. Town of Groton. Drilled 1958. Altitude 96 ft. Water level 0 ft. Fifteen additional borings (not shown), 13 to 45 ft deep, at this site. Log from Metcalf & Eddy, Engineers.		
Water	1	1
Sand, coarse, brown, and gravel; some boulders	11	12
Sand, fine, brown	11½	23½
Sand, coarse, gray and boulders; little gravel (till?)	11½	35
Granite, micaceous	10	45
Ly 23 th. 412456N720202.1. Town of Groton. Drilled 1958. Altitude 116 ft. Water level 1 ft. Seven additional borings (not shown), 18 to 58 ft deep, at this site. Log from Metcalf and Eddy, Engineers.		
Sand, fine to medium and gravel	4	4
Boulders and cobbles (wash water indicates sand and silt)	11½	15½
Sand, coarse, and gravel	9½	25
Sand, fine to medium, and gravel	15	40
Sand, fine; little medium sand	18	58
Granite	10	68
Ly 27 th. 412507N720155.1. Town of Groton. Drilled 1958. Altitude 98 ft. Water level 0 ft. Two additional borings (not shown), 22 and 27 ft deep, at this site. Log from Metcalf and Eddy, Engineers.		
Sand, fine to medium, gray, and gravel; little silt	5	5
Sand, coarse and gravel (cobble, 24 to 26½ ft; no sample 26½ to 30 ft)	35	40
Sand, fine to coarse and gravel	5	45
Granite	10	55
Town of Montville		
Mv 10 th. 412903N720700.1. Conn. State Highway Dept. Drilled 1955. Altitude 131 ft. Water level 8 ft. Four additional borings (not shown), 36 to 65 ft deep, at this site.		
Silt, black, and organic material	1½	1½
Sand and gravel; trace of silt	5	6½
Sand, fine, and a little coarse silt	32½	39
Sand, fine to medium; some fine gravel	5	44
Sand, fine to medium; little gravel; little silt. Granite, "sand stone," mica (rock fragments?) (till?)	11	55
Rock	10	65
Mv 13 th. 412903N720700.2. Conn. State Highway Dept. Drilled 1955. Altitude 138 ft. Water level 12 ft. Four additional borings (not shown), 36 to 65 ft deep, at this site.		
Sand, fine; silt layers; trace of gravel	3±	3±
Sand and fine to medium gravel	11±	14±
Sand, fine; little medium sand	14±	28±
Sand, fine; trace of silt	24½±	52½
Rock	2½	55
Mv 17 th. 412737N720657.1. Conn. State Highway Dept. Drilled 1955. Altitude 53 ft. Water level 0 ft. Eight additional borings (not shown), 16 to 51 ft deep, at this site.		
Topsoil, brown, organic material, gravel and sand (alluvium)	3±	3±
Sand, fine to coarse and fine to medium gravel; trace of silt	10±	13±
Gravel, fine to coarse, and fine to coarse sand; trace of silt (till?)	21±	34
Granite	18	52
Mv 24 th. 412630N720704.1. Conn. State Highway Dept. Drilled 1955. Altitude 76 ft. Water level 6 ft. Six additional borings (not shown), 17 to 33 ft deep, at this site.		
Organic material, dark brown to black; little coarse gravel; trace of yellow silt (topsoil)	3±	3±
Sand, coarse to fine, brown; some fine to medium gravel	5±	8±
Sand, fine, brown; some fine gravel	5±	13±
Sand, fine to coarse, dark-gray; some fine to medium gravel (till?)	6±	19
Granite	5	24
Mv 31 th. 412623N720706.1. Conn. State Highway Dept. Drilled 1955. Altitude 65 ft. Water level 2 ft. Four additional borings (not shown), 28 to 36 ft deep, at this site.		
Organic material, black	3±	3±
Sand, fine to coarse, dark reddish-brown, and fine to coarse gravel	4±	7±
Silt, dark-gray to dark-yellow; some clay; trace of fine sand	11±	18±
Sand, fine, light-gray	5±	23±
Sand, coarse, light-gray; some gravel; little medium sand	20±	43
Granite	5	48
Mv 32 th. 412623N720706.2. Conn. State Highway Dept. Drilled 1955. Altitude 64 ft. Water level 0 ft. Four additional borings (not shown), 28 to 36 ft deep, at this site.		
Gravel, coarse to fine, loose; some coarse sand	3±	3±
Gravel, coarse to fine, loose, and fine to coarse sand (predominantly fine sand); little silt	15±	18±
Sand, fine; trace of fine gravel; trace of silt	5±	23±
Silt, coarse; some fine sand; trace of clay	5±	28±
Sand, coarse; little fine gravel	5±	33±
Gravel, coarse to fine, loose; some fine to coarse sand; trace of silt	13±	46
Rock (basalt and quartz)	5	51
Mv 37 th. 412623N720706.3. Conn. State Highway Dept. Drilled 1955. Altitude 70 ft. Water level 2 ft. Four additional borings (not shown), 28 to 36 ft deep, at this site.		
Silt; some clay; trace of organic material (topsoil)	2±	2±
Clay, dark-yellow and silt; little fine sand	2±	4±
Sand, fine to coarse; some gravel; trace of silt	14±	18±
Sand, coarse to medium, light-gray; some fine to medium gravel (till?)	12±	30
Rock	15	45
Mv 46 th. 412824N720659.1. Conn. State Highway Dept. Drilled 1956. Altitude 107 ft. Water level unknown. Three additional borings (not shown), 10 to 15 ft deep, at this site.		
Muck	2	2
Sand, coarse to fine, tan, and gravel	13	15
Mv 50 th. 412915N720658.1. Conn. State Highway Dept. Drilled 1965. Altitude 137 ft. Water level 3½ ft. Four additional borings (not shown), 37 to 39 ft deep, at this site.		
Topsoil, dark-brown, silty; trace of fine sand	2	2
Silt, brown; little fine sand	3	5
Gravel, medium to fine, gray-brown; some coarse to fine sand; trace of silt	7	12
Sand, fine, gray to brown; some medium to coarse sand; little silt; little gravel	11	23
Sand, fine to coarse, brown; some gravel; little silt; cobbles (till?)	5	28
Gneiss, hard, white, pink and grey	9½	37½

Town of Montville--Continued

Mv 55 th. 412915N720654.1. Conn. State Highway Dept. Drilled 1965. Altitude 135 ft. Water level 3 ft. Four additional borings (not shown), 37 to 39 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Silt, dark-brown to gray; little fine sand (topsoil)	4	4
Sand, fine to coarse, gray-brown, and gravel; some silt; cobbles	6	10
Sand, fine, brown to gray; some silt; little medium to coarse sand; little gravel	21	31
Sand, fine to coarse, gray; little silt; little gravel (predominantly fine gravel)	39	70
Gravel, gray and sand; little silt; few cobbles	10	80
Gneiss, gray, medium to hard	10	90

Mv 57 th. 412907N720624.1. Conn. State Highway Dept. Drilled 1965. Altitude 141 ft. Water level 8 ft. Five additional borings (not shown); 22 to 38 feet, at this site.

	Thickness (feet)	Depth to bottom (feet)
Topsoil, dark-brown, sandy	4	4
Sand, fine, yellow-brown; trace of fine gravel; trace of silt	10	14
Sand, fine to coarse, brown-gray; some silt; some gravel; cobbles (till?)	18	32
Sand, coarse to fine, brown-gray; some silt; little gravel; cobbles (till)	3	35

Mv 65 th. 412858N720600.1. Conn. State Highway Dept. Drilled 1965. Altitude 133 ft. Water level 4± ft. Four additional borings (not shown), 23 to 37 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Topsoil, sandy, dark-brown	3	3
Sand, coarse to fine, reddish-brown; some gravel; little silt; cobbles (boulder; 13 to 15½ ft)	12½	15½
Sand, fine to coarse, gray to gray-brown (predominantly fine sand); some gravel; some silt; cobbles (till?)	19½	35
Silt, gray; some fine to coarse sand; little gravel; cobbles (till)	15	50
Gneiss, gray-brown	10	60

Mv 86 th. 412854N720433.1. Conn. State Highway Dept. Drilled 1965. Altitude 2 ft. Water level 0 ft. Nineteen additional borings (not shown), 10 to 162 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Water	20½	20½
Silt, black, organic; trace of fine sand (estuarine deposit)	12½	33
Sand, coarse to fine, dark-gray; little gravel; little silt; shell fragments (estuarine deposit)	12	45
Sand, fine, gray-brown to gray; little silt	19	64
Sand, fine to coarse, gray-brown; some fine to medium gravel; some silt (boulder, 70 to 72½ ft) (till)	9½	73½
Granite gneiss	20	93½

Mv 88 th. 412854N720430.1. Conn. State Highway Dept. Drilled 1965. Altitude 3 ft. Water level 0 ft. Nineteen additional borings (not shown), 10 to 162 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Water	14	14
Silt, black; trace of fine sand; shells (estuarine deposit)	13	27
Sand, fine, brown to gray-brown; little medium to coarse sand; little silt; little peat (estuarine deposit)	16	43
Peat, brown and thin layers of fine, gray sand (estuarine deposits)	31	74
Sand, fine, gray; trace of silt	5	79
Sand, fine to coarse, gray to gray-brown; little silt; trace of fine to medium gravel	13	92
Sand, fine to coarse, brown; some fine to medium gravel; trace of silt	16½	108½
Granite, pink	10	118½

Mv 92 th. 412951N720611.1. Conn. State Highway Dept. Drilled 1964. Altitude 18 ft. Water level 3½ ft.

	Thickness (feet)	Depth to bottom (feet)
Sand, gray; little gravel; little silt	5	5
Gravel, coarse to fine, gray, and coarse to fine sand; trace of silt	10	15
Gravel, fine to coarse, gray; some coarse to fine sand; trace of silt; few cobbles	6	21
Gravel, fine to medium, gray to tan, and fine to coarse sand; trace of silt; few cobbles	4½	25½

Town of New London

NL 13 th. 412148N720534.1. Conn. State Highway Dept. Drilled 1940. Altitude 6 ft. Water level 6 ft. Thirty-six additional borings (not shown), 9 to 181 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Fill	6	6
Gravel, sand and silt	13	19
Sand, medium brown; some silt; little fine gravel	14	33
Sand, coarse to fine, gray; some silt	16	49
Sand, medium to coarse, gray	5	54
Gravel, medium and sand; some clay	3	57
Boulder, coarse sand and fine gravel (till)	7	64
Rock	5	69

NL 18 th. 412159N720635.1. Conn. State Highway Dept. Drilled 1955. Altitude 72 ft. Water level 8 ft. Nine additional borings (not shown), 30 to 43 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Fill	5	5
Loam and roots	½	5½
Sand, medium to fine, gray, and silt	7½	13
Gravel, sandy	12	25
Sand, medium, gray	2	27
Sand, gray, and gravel	3	30
Rock, gray, hard	8	38

NL 21 th. 412204N720659.1. Conn. State Highway Dept. Drilled 1957. Altitude 94 ft. Water level 9? ft. Five additional borings (not shown), 24 to 38 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Gravel, tan, and sand; some boulders	8	8
Gravel, sand, silt and cobbles	15	23
Gravel, brown-gray, sand and silt	19	42
Rock, gray, hard	4	46

NL 23 th. 412207N720657.1. Conn. State Highway Dept. Drilled 1957. Altitude 88 ft. Water level 3? ft. Five additional borings (not shown), 24 to 38 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Gravel, sand and cobbles (fill)	10	10
Sand, fine, tan, and silt	4	14
Gravel, tan, sand, silt and cobbles	8	22
Gravel, tan, and sand	10	32
Hardpan	3	35
Rock, gray	9	44

NL 24 th. 412212N720720.1. Conn. State Highway Dept. Drilled 1955. Altitude 139 ft. Water level 10? ft. Four additional borings (not shown), 27 to 55 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Loam, cobbles and boulders	3	3
Gravel and sand	2	5
Sand, medium, gray; silt, and gravel	15	20
Sand, medium to fine, gray; silt and cobbles	14	34
Sand, medium to coarse, gray; silt and gravel	12	46
Sand, medium to coarse, gray, and silt	19	65

NL 25 th. 412214N720722.1. Conn. State Highway Dept. Drilled 1955. Altitude 147 ft. Water level 17? ft. Four additional borings (not shown), 27 to 55 feet deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Topsoil and fill	3	3
Loam, boulders, cobbles, and gravel (old ground) (fill?)	6	9
Silt, clayey, gray	2½	11½
Gravel, boulders, cobbles, sand, and silt	9	20½
Sand, medium to fine, gray, and silt; some gravel	11	31½
Sand, medium to fine, gray, and silt	22	53½

Town of North Stonington

NSn 9 th. 412716N714852.1. Conn. State Highway Dept. Drilled 1964. Altitude 72 ft. Water level 1½ ft. One additional boring (not shown), 90 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Sand, fine to coarse, brown, and fine to coarse gravel; few cobbles	6	6
Sand, fine to coarse, tan to orange; little gravel; trace of silt	28½	34½
Sand, fine to coarse, tan	20	54½
Sand, fine, orange-brown; some silt	5	59½
Sand, fine to coarse; some fine to coarse gravel; trace of silt; few cobbles and decomposed rock fragments (till)	8	67½
Granite, quartzitic	7	74½

NSn 10 th. 412716N714852.2. Conn. State Highway Dept. Drilled 1964. Altitude 71 ft. Water level 1½ ft. One additional boring (not shown), 90 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Topsoil	1	1
Sand, coarse, to fine, brown to orange-tan, and gravel; little silt; few cobbles and decomposed rock fragments	27	28
Sand, fine, tan; little coarse sand; trace of silt	13½	41½
Sand, coarse to fine, orange, and fine to medium gravel; trace of silt; trace of coarse gravel	14½	56
Sand, fine, brown to gray; some coarse sand; trace of silt	32	88
Sand, fine to coarse, gray-brown; some silt; some gravel; few cobbles (till)	12	100
Rock, gray-green, decomposed	3	103

NSn 23 th. 412801N715455.1. Conn. State Highway Dept. Drilled 1957. Altitude 200 ft. Water level 0? ft.

	Thickness (feet)	Depth to bottom (feet)
Sand, silt and cobbles	4	4
Gravel and cobbles; some sand and silt	7	11
Gravel, sand, silt and cobbles (no recovery)	19	30

NSn 24 th. 412500N715059.1. Conn. State Highway Dept. Drilled 1961. Altitude 45 ft. Water level 1½ ft. One additional boring (not shown), 22 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Sand and silt, black (alluvium)	2	2
Sand, fine, brown; little coarse sand; little silt; trace of fine gravel	21	23
Sand, fine, brown; some coarse sand; trace of silt	3½	26½

NSn 25 th. 412502N715100.1. Conn. State Highway Dept. Drilled 1961. Altitude 51 ft. Water level 5 ft. One additional boring (not shown), 22 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Sand, coarse to fine, brown, and medium to fine gravel; trace of silt; scattered cobbles and boulders	10	10
Sand, coarse to fine, and coarse to fine gravel; trace of silt	15	25
Sand, fine to coarse, brown; little medium to fine gravel; little silt	15	40

NSn 31 th. 412512N715042.1. Conn. State Highway Dept. Drilled 1962. Altitude 81 ft. Water level 17 ft. Seven additional borings (not shown), 26 to 35 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Sand, fine, brown; little coarse sand; trace of silt	7½	7½
Silt, grayish-brown; some fine sand	7	14½
Sand, coarse to fine, grayish-brown, and medium to fine gravel; little silt	6	20½
Gravel, coarse to fine, brown; some coarse to fine sand; trace of silt	20½	41
Granite	10	51

NSn 37 th. 412624N714800.1. Conn. State Highway Dept. Drilled 1961. Altitude 62 ft. Water level 6? ft. Six additional borings (not shown), 20 to 34 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Sand, fine, brown; some coarse sand; trace of silt; trace of fine to medium gravel	8	8
Sand, coarse to fine, brown to grayish-brown, and fine to medium gravel.	10	18
Rock, decomposed (granite)	17	35

NSn 38 th. 412742N715434.1. Conn. State Highway Dept. Drilled 1957. Altitude 174 ft. Water level 0? ft. Two additional borings (not shown), 21 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Sand and silt	3	3
Gravel, tan and sand	5	8
Gravel, gray, coarse; cobbles	21	29
Gravel; cobbles and boulder (till?)	4	33

Town of Norwich

Nwh 7 th. 413258N720629.1. Conn. State Highway Dept. Drilled 1955. Altitude 87 ft. Water level 1 ft. Five additional borings (not shown), 38 to 56 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Silt, black; some fine sand	3±	3±
Sand, fine to coarse, and fine to coarse gravel; little silt	15±	18±
Sand, fine to coarse, and fine to medium gravel; trace of silt	15±	33±
Sand, fine to coarse, and fine to coarse gravel; little silt	5±	38±
Silt and fine sand; some fine to medium gravel	10±	48
Rock	10	58

Nwh 11 th. 413258N720629.2. Conn. State Highway Dept. Drilled 1955. Altitude 85 ft. Water level 0 ft. Five additional borings (not shown), 38 to 56 ft deep, at this site.

Water	5	5
Sand, fine to coarse, and fine to coarse gravel; trace of silt	8±	13±
Gravel, fine to coarse; some coarse sand; trace of silt	9±	22±
Sand, fine to coarse, and fine to medium gravel; trace of silt	7±	29
Rock	10	39

Nwh 27 th. 413035N720701.1. Conn. State Highway Dept. Drilled 1955. Altitude 80 ft. Water level 13? ft. Three additional borings (not shown), 41 to 45 ft deep, at this site.

Topsoil, silty, black, and fine to medium sand	2±	2±
Sand and fine to medium gravel; trace of silt	21±	23±
Sand, medium to coarse	6±	29±
Sand; some boulder fragments (till)	5½±	34½
Rock	5½	40

Nwh 30 th. 413035N720701.2. Conn. State Highway Dept. Drilled 1955. Altitude 75 ft. Water level 10 ft. Three additional borings (not shown), 41 to 45 ft deep, at this site.

Topsoil, black, and fine sandy silt	3±	3±
Silt and fine sand	10±	13±
Sand, fine to coarse; some fine to medium gravel; little silt	15±	28±
Sand, fine; little medium gravel; little silt	7±	35
Rock	6	41

Nwh 32 th. 413019N720655.1. Conn. State Highway Dept. Drilled 1955. Altitude 89 ft. Water level 30 ft. One additional boring (not shown), 31 ft deep, at this site.

Silt, black; little fine sand	4±	4±
Sand, fine to medium, brown; trace of fine to coarse gravel; trace of silt	6±	10±
Sand, fine to coarse, gray, and fine to coarse gravel; trace of silt	10±	20±
Sand, fine, gray; little silt	23±	43±

Nwh 33 th. 413003N720658.1. Conn. State Highway Dept. Drilled 1955. Altitude 32 ft. Water level 4 ft.

Topsoil, black	3±	3±
Sand, fine to coarse, brown, and fine to medium gravel; little silt	5±	8±
Sand, fine, brown; some silt	20±	28±
Silt, coarse, and fine sand	3½±	31½

Nwh 34 th. 413003N720658.2. Conn. State Highway Dept. Drilled 1955. Altitude 32½ ft. Water level 8 ft.

Topsoil, black	3±	3±
Sand, fine to coarse, gray, and fine gravel; trace of silt	5±	8±
Sand, fine, and coarse gravel	14±	22±
Silt, coarse; some fine sand	9½±	31½

Nwh 37 th. 413239N720526.1. Conn. State Highway Dept. Drilled 1955. Altitude 77 ft. Water level 4 ft. Four additional borings (not shown), 90 to 105 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Topsoil	1	1
Sand, fine, brown; some silt	7	8
Sand, medium to fine, brown; little silt; little fine gravel	9	17
Sand, fine, gray to brown; little silt	40	57
Sand, coarse to fine, gray-brown; little silt; little gravel (compact)	34	91
Sand, fine, gray-brown, micaceous; little silt (compact)	6	97
Sand, fine, gray; little silt; little gravel (compact)	18	115

Nwh 40 th. 413239N720526.2. Conn. State Highway Dept. Drilled 1955. Altitude 77 ft. Water level 4 ft. Four additional borings (not shown), 90 to 105 ft deep, at this site.

Topsoil	1	1
Sand, coarse, brown; some gravel; little fine sand	16	17
Sand, fine, gray to brown; little silt	35	52
Sand, medium to fine, brown, and gravel; some silt (compact)	4	56
Sand, fine and coarse, brown; some gravel; trace of silt (compact)	17	73
Sand, fine brown; little silt; little gravel (compact)	21	94
Sand, fine, gray, and gravel; trace of silt (compact) (till?)	6	100

Nwh 44 th. 413250N720652.1. Conn. State Highway Dept. Drilled 1956. Altitude 123 ft. Water level 15 ft. Five additional borings (not shown), 12 to 35½ ft deep, at this site.

Topsoil	2	2
Sand, fine, brown, and gravel; trace of silt (compact)	22	24
Sand, medium, gray, and medium gravel; trace of silt (compact)	9	33
Gneiss, seamy	5	38

Nwh 49 th. 413246N720634.1. Conn. State Highway Dept. Drilled 1956. Altitude 138 ft. Water level 9? ft. Six additional borings (not shown), 5 to 29 ft deep, at this site.

Topsoil	1	1
Sand, fine, brown; little fine gravel; little silt (compact) (till)	11	12
Sand, medium, brown, and gravel; trace of silt (compact) (till)	6	18
Sand, medium to fine, brown; trace of silt (compact) (till)	3	21
Sand, medium, brown and gravel; trace of silt (compact) (till)	9	30
Gneiss	6	36

Nwh 75 th. 413124N720430.1. Conn. State Highway Dept. Drilled 1952. Altitude 0 ft. Water level 0 ft. Eleven additional borings (not shown), 13½ to 60 ft deep, at this site.

Water	9	9
Gravel, sand and silt	7	16
Sand, fine, and silt	25½	41½
Gravel and cobbles	1	42½
Sand, fine, and silt	6	48½
Rock	10½	59

Nwh 82 th. 413124N720428.1. Conn. State Highway Dept. Drilled 1952. Altitude 14½ ft. Water level 14½ ft. Eleven additional borings (not shown), 13½ to 60 ft deep, at this site.

Cinder fill	4½	4½
Sand, fine to coarse, and silt; trace of gravel	3½	8
Sand, fine, and silt	4	12
Gravel, sand, silt, and cobbles	22	34
Sand, fine, and silt	18	52
Gravel, sand, silt, and cobbles	4	56

Nwh 90 th. 413342N720731.1. Conn. State Highway Dept. Drilled 1953. Altitude 117 ft. Water level unknown. Eight additional borings (not shown), 5 to 38 ft deep, at this site.

Rock and gravel (fill)	7	7
Gravel and coarse sand; some silt	17	34
Sand, medium to coarse; some silt	7	41
Rock	3	44

Nwh 91 th. 413342N720731.2. Conn. State Highway Dept. Drilled 1953. Altitude 118 ft. Water level unknown. Eight additional borings (not shown), 5 to 38 ft deep, at this site.

Gravel and sand (fill)	5	5
Gravel and coarse sand; some silt or hardpan	10	15
Sand, medium to coarse, and silt	35	50
Rock	1	51

Nwh 98 th. 413125N720416.1. Conn. State Highway Dept. Drilled 1952. Altitude 20 ft. Water level 17? ft. Twelve additional borings (not shown), 23½ to 38 ft deep, at this site.

Loam, sandy	1½	1½
Sand, fine, and silt (alluvium)	15½	17
Sand, fine to medium, and silt	5½	22½
Gravel, sand, silt and cobbles	6½	29
Gravel, sand and boulder (till?)	2½	31½
Rock	10	41½

Nwh 104 th. 413124N720418.1. Conn. State Highway Dept. Drilled 1952. Altitude 16 ft. Water level 14½ ft. Twelve additional borings (not shown), 23½ to 38 ft deep, at this site.

Sand, fine, and silt (alluvium)	18	18
Gravel, sand, silt and cobbles	5	23
Boulder, gravel, sand and silt (till?)	6½	29½
Rock	7½	37

Nwh 106 th. 413123N720420.1. Conn. State Highway Dept. Drilled 1952. Altitude 16 ft. Water level 14½? ft. Twelve additional borings (not shown), 23½ to 38 ft deep, at this site.

Sand, medium	8	8
Sand, medium to coarse	14	22
Sand and gravel	3	25
Boulders, sand and gravel (till?)	8	33

Nwh 123 th. 413253N720631.1. Conn. State Highway Dept. Drilled 1955. Altitude 122 ft. Water level 24 ft. Five additional borings (not shown), 31 to 65 ft deep, at this site.

Topsoil, black, silty; some fine gravel; some sand	3±	3±
Sand, fine to medium; trace of silt	5±	8±
Sand, fine to coarse; some fine to medium gravel; trace of silt	16±	24±
Sand, fine to medium, and medium gravel; little silt (compact)	33±	57
Rock	9½	66½

Nwh 127 th. 413244N720621.1. Conn. State Highway Dept. Drilled 1956. Altitude 108 ft. Water level 1 ft. Five additional borings (not shown), 8 to 23 ft deep, at this site.

Topsoil	3	3
Sand, fine, brown; little silt; little gravel	4	7
Sand, fine, brown; some silt	5	12
Sand, fine, brown; little silt; little gravel (compact) (till)	5	17
Gneiss	5	22

Nwh 129 th. 413250N720545.1. Conn. State Highway Dept. Drilled 1962. Altitude 88 ft. Water level 13? ft. Four additional borings (not shown), 32 to 46 ft deep, at this site.

Sand and gravel (fill)	12	12
Silt, dark	2	14
Gravel, gray, and sand; some silt	13	27
Gravel, gray, cobbles, and sand; some silt; (cobbles and boulders 13-40 ft)	21	48
Cobbles, gray, small boulders, gravel, and sand; little silt (till)	4	52
Rock, hard, gray	9	61

Nwh 132 th. 413326N720648.1. Conn. State Highway Dept. Drilled 1932. Altitude 96 ft. Water level 0 ft. Three additional borings (not shown), 36 to 43 ft deep, at this site.

Water	4	4
Gravel, fine	5½	9½
Sand, fine, gray	19	28½
Gravel (hardpan)	15	43½

Town of Norwich--Continued

Nwh 134 th. 413329N720709.1. Conn. State Highway Dept. Drilled 1936. Altitude 107 ft. Water level 12? ft. Five additional borings (not shown), 26 to 66 ft deep, at this site.

	Thickness (feet)	Depth to bottom (feet)
Gravel and boulders (hard)	8	8
Gravel; some brown sand; trace of clay	23	31
Gravel and brown sand	11	42
Rock	4½	46½

Nwh 135 th. 413329N720713.1. Conn. State Highway Dept. Drilled 1936. Altitude 113 ft. Water level 18? ft. Five additional borings (not shown), 26 to 66 ft deep, at this site.

Gravel (hard)	49½	49½
Rock	5	54½

Nwh 138 th. 413307N720637.1. Conn. State Highway Dept. Drilled 1959. Altitude 95 ft. Water level 11 ft. One additional boring (not shown), 68½ ft deep, at this site.

Gravel, sand, cobbles and boulders (fill)	11	11
Silt, brown, and wood chips	2	13
Sand, fine, tan; some silt	11	24
Sand, coarse to fine, tan and fine gravel; trace of silt	26	50
Gravel, fine, tan and gray; some sand; some silt	13	63
Sand, fine, tan to gray; some silt	33	96
Gneiss, gray	4	100

Nwh 141 th. 413253N720631.2. Conn. State Highway Dept. Drilled 1955. Altitude 122½ ft. Water level 22½ ft. Five additional borings (not shown), 31 to 65 ft deep, at this site.

Topsoil, black, silty, and medium gravel	3±	3±
Sand, fine to coarse; little fine to medium gravel; trace of silt	10±	13±
Sand, fine to coarse; some fine to medium gravel; little silt	15±	28±
Gravel, medium to coarse, and fine to medium sand; little silt	6±	34±
Sand, fine	5±	39
Rock	9	48

Town of Old Lyme

OL 17 th. 411718N721731.1. Conn. State Highway Dept. Drilled 1937. Altitude 6 ft. Water level 27 ft. One additional boring (not shown), 25 ft deep, at this site.

Gravel fill and mud	10½	10½
Mud (soft)	6½	17
Sand, brown, and hard gravel (till?)	4½	21½
Rock	11	32½

OL 18 th. 411922N721531.1. Conn. State Highway Dept. Drilled 1947. Altitude 46 ft. Water level 0? ft. One additional boring (not shown), 20½ ft deep, at this site.

Silt, brown, and fine sand	2	2
Sand, medium gray, and silt	2	4
Gravel, sand and silt	6	10
Sand, fine to medium; some silt	2	12
Gravel and sand; some silt	4	16
Sand, fine to coarse	4½	20½
Boulder, sand and gravel (hardpan) (till)	5½	26
Rock	5	31

Town of Preston

Ps 103 th. 412854N720426.1. Conn. State Highway Dept. Drilled 1965. Altitude ½ ft. Water level 0 ft. Nineteen additional borings (not shown), 10 to 162 ft deep, at this site.

Water	4½	4½
Silt, black (estuarine deposit)	8	12½
Sand, fine to coarse, gray to gray-brown; little silt; trace of shells; trace of wood (estuarine deposit)	10	22½
Silt, gray and gray fine sand; some brown peat (estuarine deposit)	39	61½
Sand, fine to coarse, gray; little fine to medium gravel; trace of silt	22	83½
Sand, fine to coarse, brown; trace of silt	11	94½
Sand, fine brown; some silt	33	127½
Sand, fine to coarse, gray; some fine to medium gravel; little silt (till?)	3	130½
Granite, pink	5	135½

Ps 109 th. 412855N720420.1. Conn. State Highway Dept. Drilled 1965. Altitude 21 ft. Water level 21 ft. Nineteen additional borings (not shown), 10 to 162 ft deep, at this site.

Sand, fine, brown; little fine to medium gravel; little silt	25	25
Sand, fine to coarse; some fine to medium gravel; trace of silt	28	53
Gravel, medium to fine; some coarse to fine sand; trace of silt; cobbles	29½	82½
Sand, fine to coarse, brown; little silt	11½	94
Sand, fine, gray-brown; some silt; little fine gravel	20½	114½
Sand, fine to coarse, brown; trace of fine to medium gravel; trace of silt (compact material)	38	152½
Sand, fine to coarse, gray-brown; some fine to medium gravel; little silt; cobbles	24	176½

Ps 113 th. 412855N720417.1. Conn. State Highway Dept. Drilled 1965. Altitude 32 ft. Water level unknown. Nineteen additional borings (not shown), 10 to 162 ft deep, at this site.

Sand, coarse to fine, brown; some gravel; trace of silt	23	23
Sand, fine, brown; some silt	29	52
Sand, fine to coarse, brown; little fine gravel; trace of silt	10	62
Sand, fine brown; some silt	10	72
Sand, coarse to fine, brown to gray-brown; little gravel	22	94
Sand, coarse to fine, gray-brown	9	103
Sand, coarse to fine, brown, and fine to medium gravel; trace of silt	10	113
"Sandstone," gray and granite, pink	5	118

Town of Stonington

Sn 7 th. 412306N715001.1. Conn. State Highway Dept. Drilled 1952. Altitude 10± ft. Water level 0 ft. One additional boring (not shown), 45 ft deep, at this site.

Water	3	3
Gravel and sand (very hard)	47½	50½

Sn 13 th. 412032N715614.1. Conn. State Highway Dept. Drilled 1958. Altitude 0 ft. Water level 0 ft. Four additional borings (not shown), 35½ to 44 ft deep, at this site.

Water (ocean)	14½	14½
Muck, gray-brown (estuarine deposit)	13½	28
Gravel, coarse, sand, and silt	25	53
Rock, decomposed and soft; some hard quartz lenses	8½	61½

Sn 15 th. 412032N715614.2. Conn. State Highway Dept. Drilled 1958. Altitude 0 ft. Water level 0 ft. Four additional borings (not shown), 35½ to 44 ft deep, at this site.

Water (ocean)	10	10
Muck, gray to brown, peaty (estuarine deposit)	19½	29½
Sand, fine, gray, and fine gravel; trace of silt	2	31½
Sand, fine to medium, gray; trace of silt	2½	34
Sand; fine to coarse, gray; some coarse gravel; trace of silt	6	40
Gravel, coarse, gray; sand, silt, and cobbles (till?)	8	48
Gneiss, hard, granitic	10	58

Sn 43 th. 412017N715425.1. Conn. State Highway Dept. Drilled 1939. Altitude 4 ft. Water level 4? ft. Seventeen additional borings (not shown), 14 to 30 ft deep, at this site.

Loam, boulders and fill	4	4
Sand, brown, and clay	15	19
Boulder	1½	20½
Sand, brown, and clay (till?)	5	25½
Rock	5½	30½

Sn 48 th. 412333N715229.1. Conn. State Highway Dept. Drilled 1962. Altitude 47 ft. Water level 0 ft. Three additional borings (not shown), 11½ to 15 ft deep, at this site.

Water	2	2
Sand, fine to coarse, gray, and fine to coarse gravel; little silt; trace of clay	3	5
Sand, coarse to fine, brown to gray, and fine to coarse gravel; little silt	6½	11½
Rock, decomposed	2	13½
Gneiss, dark-gray, micaceous	3	16½

Sn 49 th. 412331N715225.1. Conn. State Highway Dept. Drilled 1962. Altitude 46½ ft. Water level 0 ft. Three additional borings (not shown), 11½ to 15 ft deep, at this site.

Water	½	½
Sand, coarse to fine, brown, and fine to coarse gravel; trace of silt	8	8½
Sand, fine to coarse, gray-brown; trace of fine gravel; trace of silt	4	12½
Sand, fine to coarse, brown to gray; some fine to coarse gravel; trace of silt	6	18½

Sn 59 th. 412225N715756.1. Conn. State Highway Dept. Drilled 1962. Altitude 0 ft. Water level 0 ft. Twenty additional borings (not shown), 31 to 105 ft deep, at this site.

Water	2	2
Sand, fine to coarse, gray-black; some fine to coarse gravel, little silt; trace of cobbles; trace of shells (estuarine deposit)	4½	6½
Sand, fine to coarse, brown; some fine to coarse gravel	13	19½
Sand, fine to coarse, gray-brown to yellowish-brown; trace of gravel	18	37½
Sand, medium to fine, gray-brown, brown and yellowish-brown; some coarse sand; trace of gravel; trace of silt	41	78½
Sand, coarse to fine, yellowish-brown; little fine to coarse gravel	7	85½
Gravel, coarse to fine, grayish-brown; some coarse to fine sand; few cobbles (till?)	13½	99
Gneiss, hard, gray-white, banded	5	104

Sn 62 th. 412223N715756.1. Conn. State Highway Dept. Drilled 1962. Altitude 1 ft. Water level 0 ft. Twenty additional borings (not shown) 31 to 105 ft deep, at this site.

Sand, coarse to fine, gray-brown; some gravel; trace of silt	6	6
Silt, gray-brown; some fine sand	7½	13½
Sand, coarse to fine, gray-yellow; little gravel	10	23½
Sand, medium to fine, gray-brown; little coarse sand	39	62½
Sand, coarse to fine, yellowish-gray; little gravel	22	84½
Sand, coarse to fine, gray, and gravel; boulder and cobbles (till)	6½	91
Gneiss, gray-white, banded	1½	92½

Sn 66 th. 412227N715658.1. Conn. State Highway Dept. Drilled 1961. Altitude 17 ft. Water level 0 ft.

Loam	1½	1½
Silt, brown; little fine sand	12½	14
Sand, medium to fine, brown, and gravel; some boulder chips (till?)	9	23
Gneiss, granitic, pink	12	35

Sn 68 th. 412245N715655.1. Conn. State Highway Dept. Drilled 1961. Altitude 17 ft. Water level 1 ft. Five additional borings (not shown), 27½ to 60 ft deep, at this site.

Loam, sand, silt and peat	4½	4½
Silt, gray; some fine sand	3½	8
Sand, medium to coarse	9½	17½
Rock, weathered, and boulder fragments	2½	20
Gneiss, granitic, gray and pink	10	30

Table 4.--Logs of test holes--Continued

	Thickness (feet)	Depth to bottom (feet)
Town of Stonington--Continued		
Sn 84 th. 412212N714959.1. U.S. Army Corps of Engineers. Drilled 1958. Altitude 5½ ft. Water level 5 ft.		
Fly-ash, blackish-brown, and cinders (fill)	7	7
Silt, gray	3	10
Gravel, sandy, brown	6	16
Sand, slightly gravelly, tan	19	35
Gravel, sandy, tan	5	40
Sn 87 th. 412224N715000.1. U.S. Army Corps of Engineers. Drilled 1958. Altitude 6 ft. Water level 4½ ft.		
Sand, medium silty, gravelly; dark-brown (fill)	4½	4½
Sand, medium to fine, light-brown	3	7½
Sand, gravelly, light-brown	4	11½
Sand, light-brown to tan	15	26½
Sand, gravelly, brown	4	30½
Sn 91 th. 412208N715006.1. U.S. Army Corps of Engineers. Drilled 1958. Altitude 22 ft. Water level 19 ft.		
Cinder fill	18½	18½
Silt	2	20½
Sand	3	23½
Gravel	7½	31
Sand, coarse to medium	8	39
Sand, fine	1	40
Sand	10	50
Sn 93 th. 412239N714956.1. Conn. State Highway Dept. Drilled 1932. Altitude 0 ft. Water level 0 ft. Two additional borings (not shown), 23½ and 40 ft deep, at this site.		
Sand, coarse	7	7
Sand, fine	4	11
Sand, coarse (hard packed)	14	25
Sand, fine	20	45
Sn 95 th. 412239N714956.2. Conn. State Highway Dept. Drilled 1932. Altitude 0 ft. Water level 0 ft. Two additional borings (not shown), 23½ and 40 ft deep, at this site.		
Water (?)	1	1
Sand, fine	7	8
Sand, fine, with clay	10	18
Sand, fine	16	34
Sand, very fine, brown	13	47
Sn 98 th. 412231N715734.1. Conn. State Highway Dept. Drilled 1961. Altitude 21 ft. Water level 15 ft. Fourteen additional borings (not shown), 26½ to 80 ft deep, at this site.		
Loam	1	1
Sand, fine to coarse, brown, and gravel	16½	17½
Silt, coarse, brown, and brown fine sand	35½	53
Sand, fine, brown to gray; some coarse silt	10	63
Sand, fine, gray	5	68
Sand, fine, brown; little silt	10	78
Sand, fine, gray-brown; trace of gravel	5	83
Gneiss, gray	10	93
Town of Waterford		
Wt 45 th. 412024N720826.1. Conn. State Highway Dept. Drilled 1956. Altitude 11 ft. Water level 0 ft. Four additional borings (not shown), 9 ½ to 26½ ft deep, at this site.		
Water	6	6
Sand and swamp deposits	3	9
Sand, fine to medium white; trace of fine gravel	7½	16½
Sand, medium to coarse; white, trace of fine gravel; trace of fine sand	13	29½
Wt 52 th. 412230N721126.1. Conn. State Highway Dept. Drilled 1955. Altitude 37 ft. Water level 17 ft. Six additional borings (not shown), 31½ to 52½ ft deep, at this site.		
Sand, coarse to medium, gravel, and boulders (fill)	13	13
Sand, coarse to medium, light-tan; little rock fragments; trace of rock flour (silt)	7±	20±
Sand, coarse to fine, gray-brown; little fine to medium gravel; trace of rock flour (silt)	5±	25±
Sand, coarse to medium, brown; little medium to fine gravel	9±	34±
Sand, coarse to fine, brown, and coarse gravel fragments	5±	39±
Sand, coarse to fine, light-brown; some medium to fine gravel	7½	46½
Sand, coarse to fine, and gray rock flour (silt)	2½	49
Ledge (?)		at 49
Wt 54 th. 412228N721126.1. Conn. State Highway Dept. Drilled 1955. Altitude 36 ft. Water level 19 ft. Six additional borings (not shown), 31½ to 52½ ft deep, at this site.		
Silt, brown; some fine sand; trace of medium to fine gravel	3	3
Sand, coarse to medium, light-brown; some medium to fine gravel	5	8
Gravel, coarse to fine, light-brown; some coarse to medium sand	15	23
Gravel, coarse to fine, light-brown; some coarse to fine sand	10	33
Gravel, coarse to fine, gray-brown; some coarse sand	5	38
Sand, coarse to medium, gray; gray and brown rock fragments; little medium to fine gravel (till)	8	46
Gneiss, granitic	11	57
Wt 56 th. 412215N720724.1. Conn. State Highway Dept. Drilled 1955. Altitude 143 ft. Water level 137 ft. Four additional borings (not shown), 27 to 55 ft deep, at this site.		
Loam	3	3
Gravel, cobbles, sand and boulders	9	12
Gravel, gray; sand and silt	23	35
Sand, medium to fine, gray, and silt; layers of gravel	30	65
Wt 57 th. 412203N720907.1. Conn. State Highway Dept. Drilled 1960. Altitude 60½ ft. Water level 0 ft. Three additional borings (not shown), 32½ to 49 ft deep, at this site.		
Gravel, gray, and sand; trace of cobbles	3	3
Sand, coarse, gray-tan; trace of medium sand; some medium gravel	6	9
Sand, coarse to medium, gray to gray-tan; trace of fine gravel	9	18
Sand, medium to fine, tan-gray; trace of coarse sand	7½	25½
Sand, medium to coarse; little medium gravel	6	31½
Gravel, tan-gray, and sand; trace of silt; trace of cobbles; boulder (till)	4	35½
Rock, gray-white, hard	4½	40
Wt 67 th. 412356N720625.1. Conn. State Highway Dept. Drilled 1939. Altitude 0 ft. Water level 0 ft. Five additional borings (not shown), 34 to 39 ft deep, at this site.		
Water (Thames River)	6	6
Mud (estuarine deposit?)	27	33
Sand, gray	4½	37½
Rock	5½	43

Table 5.--Streamflow records at partial-record gaging stations

(The streamflow determinations listed in this table were made during periods when streamflow was derived primarily from ground-water discharge)

		Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)
1182.55	Green Fall River, at bridge on Putker Road, at Laurel Glen, Conn. Lat 41°28'20", long 71°49'00" Drainage area, 6.79 sq mi.	4-11-63	*11.2	8-16-63	1.5	3-25-64	11	7-20-64	2.5
		5-10-63	14	8-20-63	*1.84	5- 6-64	11	7-29-64	2.5
		5-16-63	*16.8	8-29-63	.64	5-20-64	10	8-14-64	2.3
		6-14-63	10	9-17-63	.70	6- 2-64	4.7	9- 4-64	*.44
		6-21-63	*7.91	9-24-63	1.2	6- 8-64	*4.29	9- 9-64	.44
		7- 2-63	2.3	9-27-63	*.70	6-17-64	2.4	9-22-64	.50
		7-17-63	1.75	11- 5-63	2.3	7- 1-64	1.0	10- 5-64	*1.08
		8- 1-63	2.8						
1183.5	Green Fall River, at bridge on State Highway 216, at Clarks Falls, Conn. Lat 41°27'17", long 71°48'52" Drainage area, 19.8 sq mi.	10- 5-60	*10.6	6-14-63	21	9-27-63	*2.12	7-20-64	4.7
		7-18-61	*14.4	7- 2-63	7.4	11- 5-63	8.4	7-28-64	*4.03
		8-21-61	*6.16	7-17-63	6.0	3-25-64	40	7-29-64	4.2
		3-26-62	*43.5	8- 1-63	9.0	5- 6-64	42	8-14-64	3.8
		8- 7-62	*3.94	8-16-63	6.0	5-20-64	32	9- 4-64	*1.69
		10-29-62	*29.0	8-20-63	*6.56	6- 2-64	10	9- 9-64	1.3
		3- 6-63	*153	8-29-63	4.1	6- 8-64	*10.0	9-22-64	2.5
		4-11-63	24	9-17-63	3.8	6-17-64	6.3	10- 5-64	*1.96
		5-10-63	30	9-24-63	2.4	7- 1-64	2.6		
1183.7	Yawbucs Brook, at bridge on Ryder Road, 1.7 miles northwest of North Stonington, Conn. Lat 41°27'35", long 71°54'12" Drainage area, 2.42 sq mi.	4-11-63	*4.11	8-16-63	.59	5- 6-64	2.8	7-28-64	*.13
		5-10-63	5.6	8-29-63	.26	5-20-64	2.0	7-29-64	.11
		5-16-63	*5.70	9-17-63	.23	6- 2-64	.20	8-14-64	.01
		6-14-63	3.2	9-24-63	.18	6- 5-64	*.54	8-28-64	*.13
		6-24-63	*1.36	9-27-63	*.15	6-17-64	.08	9- 9-64	.04
		7- 2-63	.65	11- 5-63	.15	7- 1-64	.01	9-22-64	.06
		7-17-63	.40	3-25-64	3.0	7-20-64	.01	10- 6-64	*.11
		8- 1-63	.71						
1183.75	Assekonk Brook, at culvert on Jeremy Hill Road, 1.5 miles west of North Stonington, Conn. Lat 41°26'19", long 71°54'39" Drainage area, 1.66 sq mi.	4-12-63	*2.12	8-16-63	.28	3-25-64	2.4	7-28-64	*.02
		5-10-63	3.8	8-20-63	*.58	5- 6-64	2.4	7-29-64	.11
		5-16-63	*1.49	8-29-63	.08	5-20-64	2.4	8-14-64	.06
		6-14-63	1.0	9-17-63	.24	6- 2-64	.44	8-28-64	*0
		6-21-63	*.96	9-24-63	.03	6- 8-64	*.18	9- 9-64	*0
		7- 2-63	.28	9-27-63	*.01	6-17-64	.88	9-22-64	.02
		7-17-63	.13	10-11-63	*.05	7- 1-64	*0	10- 6-64	*.07
		8- 1-63	.28	11- 5-63	.24	7-20-64	.05		
1183.8	Assekonk Brook, at bridge on State Highway 2, at North Stonington, Conn. Lat 41°26'19", long 71°53'05" Drainage area, 4.00 sq mi.	4-12-63	*4.45	8-16-63	.41	3-25-64	5.6	7-20-64	.57
		5-10-63	7.0	8-19-63	*.56	5- 6-64	5.9	7-29-64	1.1
		5-16-63	*7.56	8-29-63	.44	5-20-64	5.0	8-14-64	1.2
		6-14-63	7.7	9-17-63	.80	6- 2-64	2.3	8-28-64	*.09
		6-21-63	*.08	9-24-63	.44	6- 8-64	*1.97	9- 9-64	.04
		7- 2-63	.23	9-27-63	*.26	6-17-64	1.0	9-22-64	.13
		7-17-63	.05	11- 5-63	.16	7- 1-64	.38	10- 6-64	*1.01
		8- 1-63	.18						
1184	Shunock River River, at bridge on State Highway 49, 2 1/2 miles southeast of North Stonington, Conn. Lat 41° 24'36", long 71°50'43" Drainage area, 16.2 sq mi.	10- 5-60	*8.64	6-14-63	22	9-24-63	*3.35	7- 1-64	3.4
		7-18-61	*12.4	7- 2-63	7.0	11- 5-63	3.4	7-20-64	8.4
		8-21-61	*6.23	7-17-63	4.9	3-25-64	24	7-29-64	8.4
		3-26-62	*37.9	8- 1-63	7.2	5- 6-64	30	8-14-64	5.7
		4-26-62	*26.3	8-16-63	5.1	5-20-64	23	9- 4-64	*2.06
		10-29-62	*16.6	8-21-63	*6.14	6- 2-64	11	9- 9-64	1.6
		3- 6-63	*107	8-29-63	3.6	6- 5-64	*10.5	9-22-64	2.2
		4-12-63	20	9-17-63	4.4	6-17-64	7.5	10- 6-64	*3.04
		5-10-63	26						
1185.5	Anguilla Brook, at bridge on West Broad Street, 0.6 mile northeast of Wequetequock, Conn. Lat 41°21'56", long 71°52'00" Drainage area, 7.18 sq mi.	4-12-63	*10.4	8- 1-63	3.4	3-25-64	14	7-28-64	*.79
		5-10-63	7.8	8-16-63	1.5	5- 6-64	19	7-29-64	.90
		5-17-63	*9.54	8-21-63	*2.94	6- 2-64	8.1	8-14-64	.37
		6-14-63	6.8	8-29-63	1.0	6- 8-64	*4.81	9- 4-64	*.23
		6-21-63	*5.96	9-17-63	1.1	6-17-64	3.2	9- 9-64	.03
		7- 2-63	2.8	9-24-63	*.92	7- 1-64	1.1	9-11-64	*.05
		7-17-63	2.0	11- 5-63	2.5	7-20-64	2.3		
1187	Whitford Brook, at bridge on U.S. Interstate Highway 95, at Old Mystic, Conn. Lat 41°23'41", long 71°57'40" Drainage area, 14.4 sq mi.	10- 5-60	*5.19	6-14-63	18	10-11-63	*1.81	7-20-64	1.2
		7-18-61	*7.18	7-12-63	4.5	11- 5-63	.80	7-28-64	*1.59
		8-21-61	*3.63	7-17-63	2.9	3-25-64	24	7-29-64	1.2
		3-26-62	*35.2	8- 1-63	5.0	5- 6-64	27	8-14-64	.70
		8- 7-62	*1.38	8-16-63	6.0	5-20-64	23	9- 4-64	*.82
		10-29-62	*14.6	8-21-63	*4.77	6- 2-64	12	9- 9-64	.54
		3- 6-63	*78.6	8-29-63	4.0	6- 8-64	*7.94	9-22-64	1.2
		4-12-63	22	9-17-63	1.8	6-17-64	5.2	10- 6-64	*2.70
		5-10-63	28	9-24-63	*1.85	7- 1-64	.76		
1187.5	Haleys Brook, at bridge on Colonel Ledyard Highway, 1 1/4 miles west of Old Mystic, Conn. Lat 41°23'20", long 71°59'11" Drainage area, 4.25 sq mi.	12- 6-61	6.2	2-20-63	*26.5	9-24-63	*.31	5-19-64	4.8
		1- 4-62	8.6	3-25-63	11	10-11-63	*.65	5-20-64	11
		2- 7-62	*7.68	4-12-63	6.6	11- 5-63	3.8	6- 2-64	5.4
		3- 5-62	*13.5	5-10-63	6.5	11- 6-63	2.6	6-16-64	*1.39
		3-21-62	*12.6	5-13-63	7.2	12- 6-63	5.6	6-17-64	.80
		4-19-62	*9.61	6-14-63	5.0	12-27-63	3.8	7- 1-64	.55
		4-27-62	*5.56	7- 2-63	.70	1-24-64	18	7-16-64	.40
		6-13-62	*8.01	7-17-63	1.0	2-20-64	8.6	7-20-64	.40
		8- 7-62	*.30	8- 1-63	1.4	3-23-64	*6.81	7-29-64	.45
		9- 5-62	*.99	8-16-63	1.1	3-25-64	6.1	8-14-64	.05
		11- 6-62	8.6	8-29-63	.90	4- 9-64	40	9- 9-64	.01
		12-10-62	9.6	9-17-63	.55	5- 6-64	6.8	9-22-64	.25
1188.5	Eccleston Brook, at farm bridge, 0.9 mile northwest of Noank, Conn. Lat 41°20'06", long 72°00'11" Drainage area, 2.94 sq mi.	4-12-63	*4.36	8-21-63	*1.14	5- 6-64	5.1	7-28-64	*.24
		5-10-63	3.8	8-29-63	.36	6- 2-64	2.8	7-29-64	.40
		6-14-63	2.9	9-17-63	.40	6- 8-64	*2.59	8-14-64	.22
		6-21-63	*1.86	9-24-63	*.30	6-17-64	.81	9- 4-64	*.09
		7-17-63	.30	10-11-63	*.27	7- 1-64	.46	9- 9-64	.03
		8- 1-63	1.4	11- 5-63	.87	7-20-64	.93	9-22-64	.22
		8-16-63	1.3	3-25-64	4.6				
1272	Bartlett Brook, at bridge on Foot Road, 3 1/2 miles east of Colchester, Conn. Lat 41°35'17", long 72°15'24" Drainage area, 13.3 sq mi.	10- 4-60	*28.6	4-29-63	10	8-29-63	4.7	6-17-64	.95
		7-18-61	*4.09	5-13-63	10	9-16-63	*2.49	7- 1-64	.12
		8-21-61	*1.94	5-28-63	8.0	3-25-64	11	7-20-64	1.2
		3-16-62	89	6-14-63	22	5- 6-64	12	7-27-64	*.84
		4-26-62	*12.7	7-18-63	5.0	5-20-64	13	7-29-64	.80
		10-24-62	*23.9	8-13-63	*.76	6- 1-64	*1.73	8-28-64	*1.19
		3-25-63	*55.7	8-16-63	5.4	6- 2-64	1.4	9- 9-64	.95

* Streamflow measurement.

Table 5.--Streamflow records at partial-record gaging stations --Continued

		Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)
1277.25	Shenville Brook, at bridge on Shenville Road, 0.6 mile south of Shenville, Conn. Lat 41°28'42", long 71°59'29" Drainage area, 11.7 sq mi.	4-12-63	*19.4	8- 1-63	6.0	5- 6-64	25	7-20-64	1.6
		5-10-63	24	8-16-63	5.0	5-20-64	16	7-29-64	1.8
		5-16-63	*31.9	8-19-63	*4.08	6- 2-64	3.4	8-14-64	1.8
		6-14-63	17	8-29-63	2.6	6- 5-64	*3.78	9- 4-64	*.32
		6-24-63	*5.95	10-10-63	*1.45	6-17-64	2.9	9- 9-64	.14
		7- 2-63	2.6	11- 5-63	8.4	7- 1-64	1.6	10- 9-64	*3.04
		7-17-63	2.0	3-25-64	29				
1277.3	Crowley Brook, at mouth, 0.8 mile north of Poquetanuck, Conn. Lat 41°29'53", long 72°02'22" Drainage area, 2.24 sq mi.	4-12-63	*3.01	8-16-63	.21	3-25-64	4.0	7-24-64	*.49
		5-10-63	3.6	8-19-63	*.18	5- 6-64	2.5	7-29-64	.19
		5-16-63	*4.94	8-29-63	.21	5-20-64	1.9	8-14-64	.26
		6-14-63	1.3	9-17-63	.24	6- 2-64	1.2	9- 4-64	*.08
		6-24-63	*.52	9-24-63	.27	6- 5-64	*.41	9- 9-64	.04
		7- 2-63	.24	9-26-63	*.14	6-17-64	.97	9-22-64	.13
		7-17-63	.21	10-10-63	.14	7- 1-64	.97	10- 9-64	.21
		8- 1-63	.21	11- 5-63	.52	7-20-64	.13		
1277.35	Billings-Avery Brook, at bridge on State Highway 12, 2.3 miles southwest of Poquetanuck, Conn. Lat 41°27'32", long 72°03'55" Drainage area, 2.77 sq mi.	4-15-63	*3.42	8-16-63	.50	3-25-64	4.4	7- 1-64	.70
		5-10-63	4.2	8-21-63	*.39	5- 6-64	2.7	7-20-64	.42
		5-16-63	*4.39	8-29-63	.64	5-20-64	2.2	7-29-64	.36
		6-24-63	*1.01	9-17-63	.77	6- 2-64	.96	8-14-64	.46
		7- 2-63	.25	9-26-63	*.14	6- 5-64	*.86	9- 4-64	.01
		7-17-63	.29	10-10-63	*.20	6-17-64	.86	9- 9-64	.24
		8- 1-63	.56						
1277.4	Stony Brook, at bridge on Raymond Hill Road, 2 miles north of Uncasville, Conn. Lat 41°27'38", long 72°06'58" Drainage area, 7.18 sq mi.	4-17-63	*9.17	8-29-63	.87	5- 6-64	9.6	7-27-64	*.88
		4-29-63	7.4	9-17-63	3.7	5-20-64	14	7-29-64	.83
		5-15-63	*20.1	9-18-63	*1.75	6- 2-64	2.2	8-14-64	.49
		6-14-63	12	9-23-63	*1.23	6- 4-64	*2.79	9- 3-64	*.73
		6-26-63	*2.20	9-24-63	1.2	6-17-64	1.1	9- 9-64	.64
		7-18-63	2.2	10- 4-63	*.90	7- 1-64	.20	9-22-64	.70
		8- 1-63	1.1	11- 6-63	3.7	7-20-64	.49	9-23-64	*.70
		8-16-63	*.92	3-25-64	8.5				
1277.45	Oxoboxo Brook, at culvert on Williams Road, 1.6 miles northwest of Oakdale, Conn. Lat 41°28'49", long 72°11'07" Drainage area, 3.58 sq mi.	4-17-63	*4.28	6-14-63	3.5	5-20-64	11	6- 3-64	*1.57
		4-29-63	3.6	3-25-64	6.6	6- 2-64	1.6	6-17-64	1.3
		5-15-63	*8.22	5- 6-64	7.5				
1277.6	Hunts Brook, at bridge on Old Norwich Road, at Quaker Hill, Conn. Lat 41°24'04", long 72°07'16" Drainage area, 11.3 sq mi.	4-15-63	*15.9	8-16-63	*.99	2-18-64	32	7-17-64	*4.05
		5-10-63	22	8-29-63	.03	3-25-64	*23.0	7-20-64	2.9
		5-15-63	*26.4	9-17-63	1.0	5- 6-64	23	7-29-64	1.9
		6-14-63	12	9-18-63	*.94	5-20-64	24	8-14-64	.80
		6-26-63	*6.65	9-24-63	.70	6- 2-64	12	8-19-64	*1.03
		7- 2-63	5.1	11- 6-63	2.0	6-16-64	*7.27	9- 9-64	1.4
		7- 3-63	*4.81	12- 6-63	12	6-17-64	6.2	9-22-64	.80
		7-18-63	3.6	12-26-63	12	7- 1-64	2.7	9-24-64	*.80
		8- 1-63	3.1	1-24-64	60				
1277.7	Jordan Brook, at bridge on U.S. Highway 1A, at Waterford, Conn. Lat 41°20'54", long 72°08'46" Drainage area, 3.53 sq mi.	4-15-63	*4.66	8- 1-63	1.1	11- 6-63	.68	7- 1-64	.74
		5-10-63	5.2	8-15-63	*.68	3-25-64	13	7-20-64	.74
		5-15-63	*11.5	8-16-63	.78	5- 6-64	18	7-29-64	.50
		6-14-63	2.6	8-29-63	.68	5-20-64	26	8-14-64	.37
		6-26-63	*1.74	9-17-63	.47	6- 2-64	4.2	9- 3-64	*.63
		7- 2-63	1.3	9-18-63	*.28	6- 4-64	*4.21	9- 9-64	.50
		7- 3-63	*1.28	9-25-63	.40	6-17-64	3.2	9-22-64	.97
		7-18-63	.68	10- 2-63	*1.06				
1277.8	Latimer Brook, at bridge on Grassy Hill Road, 0.2 mile southwest of Chesterfield, Conn. Lat 41°25'37", long 72°13'17" Drainage area, 8.85 sq mi.	4-15-63	*10.0	8- 1-63	3.5	11- 6-63	2.4	7-20-64	2.7
		5-10-63	15	8-15-63	*2.67	3-25-64	11	7-29-64	3.5
		5-15-63	*17.8	8-16-63	3.2	5- 6-64	13	8-14-64	2.6
		6-14-63	7.7	8-29-63	2.7	5-20-64	14	9- 3-64	*2.36
		6-26-63	*4.38	9-17-63	3.2	6- 2-64	5.4	9- 9-64	1.2
		7- 2-63	4.6	9-18-63	*3.45	6- 4-64	*5.39	9-22-64	1.4
		7- 3-63	*3.79	9-24-63	2.6	6-17-64	3.5	10- 7-64	*2.14
		7-18-63	3.2	10- 8-63	*2.35	7- 1-64	2.7		
1277.9	Latimer Brook, at culvert on U.S. Interstate Highway 95, at East Lyme, Conn. Lat 41°22'00", long 72°12'18" Drainage area, 17.1 sq mi.	3-14-62	*128	7- 2-63	7.2	9-24-63	4.4	7- 1-64	5.8
		3-29-62	*31.3	7- 3-63	*7.47	10- 8-63	*2.84	7-20-64	6.4
		4-19-62	*34.4	7-18-63	6.4	11- 6-63	4.8	7-29-64	3.6
		5- 2-62	*18.2	8- 1-63	5.1	3-25-64	19	8-14-64	2.9
		7-18-62	*4.57	8-15-63	*5.19	5- 6-64	22	9- 3-64	*3.09
		5-10-63	69	8-16-63	4.2	5-20-64	28	9- 9-64	2.2
		5-13-63	21	8-29-63	4.8	6- 2-64	8.9	9-22-64	3.6
		6-14-63	53	9-12-63	*3.32	6- 4-64	*11.2	10- 7-64	*3.38
		6-20-63	10	9-17-63	5.1				
1277.95	Pataguanset River, at bridge on State Highway 156, at Niantic, Conn. Lat 41°19'19", long 72°12'24" Drainage area, 7.38 sq mi.	4-15-63	*8.97	8-15-63	*2.42	3-25-64	15	7-20-64	2.8
		5-10-63	12	8-16-63	2.3	5- 6-64	16	7-29-64	2.3
		5-15-63	*16.8	8-29-63	1.8	5-20-64	21	8-14-64	1.7
		6-14-63	9.2	9-17-63	2.0	6- 2-64	7.0	9- 3-64	*1.14
		6-26-63	*5.70	9-18-63	*1.81	6- 4-64	*6.99	9- 9-64	1.7
		7-18-63	4.4	9-24-63	*1.30	6-17-64	6.1	9-22-64	1.0
		8- 1-63	3.5	10- 2-63	*4.75	7- 1-64	2.6	10- 7-64	*4.00
1278	Fourmile River, at bridge on Stones Range Road, 2 1/2 miles west of East Lyme, Conn. Lat 41°21'25", long 72°15'40" Drainage area, 4.29 sq mi.	9-29-60	2.1	2-20-62	4.8	7-18-63	*0	3-24-64	*8.70
		10- 3-60	*2.35	3-15-62	28	7-29-63	*.60	3-25-64	7.8
		12- 6-60	4.8	3-20-62	*17.4	8- 1-63	1.0	5- 6-64	9.8
		1-12-61	6.6	5- 7-62	12	8-16-63	.33	5-19-64	5.4
		4-10-61	10	6-12-62	*9.97	8-29-63	.33	6- 2-64	3.4
		5- 9-61	20	7-12-62	*.64	9-12-63	*.26	6-16-64	*2.88
		6- 7-61	7.0	10- 1-62	4.2	9-17-63	.41	7- 1-64	.74
		8- 8-61	1.6	10-18-62	*2.49	9-25-63	.33	7-17-64	*1.80
		8-18-61	*.74	11-15-62	*6.44	10- 8-63	*.55	7-20-64	.52
		10- 9-61	1.5	1-15-63	5.2	12- 6-63	4.3	7-29-64	.25
		11- 7-61	7.0	2-25-63	6.1	12-26-63	3.7	8-14-64	.05
		12- 8-61	5.8	4- 8-63	*7.77	1-24-64	16	9- 9-64	*0
		1-10-62	22	5-13-63	11	2-18-64	12	9-22-64	.15

* Streamflow measurement.

Table 5.--Streamflow records at partial-record gaging stations --Continued

		Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)
1272.5	Deep River, at bridge on Deep River Road, 4.4 miles southeast of Colchester, Conn. Lat 41°31'59", long 72°16'16" Drainage area, 3.97 sq mi.	4-17-63	*3.67	8-29-63	0.29	5-20-64	6.8	7-29-64	*0
		5-14-63	*8.93	9-17-63	*1.14	6- 2-64	1.0	8-14-64	.02
		6-14-63	2.8	9-24-63	.71	6- 3-64	*1.16	9- 2-64	*.12
		6-27-63	*.78	10- 4-63	*.86	6-17-64	2.0	9- 9-64	.04
		7-18-63	.56	11- 6-63	1.6	7- 1-64	.01	9-22-64	.29
		8-13-63	*.19	3-25-64	5.1	7-20-64	.01	9-25-64	*.06
		8-16-63	.41	5- 6-64	5.7				
1272.9	Yantic River, at bridge on Scott Hill Road, at Gilman, Conn. Lat 41°34'24", long 72°12'20" Drainage area, 37.4 sq mi.	5-28-63	25	9-17-63	*6.18	5-20-64	64	7-29-64	4.8
		6-14-63	41	9-25-63	6.0	6- 2-64	*7.60	8-14-64	5.6
		6-27-63	*8.49	10- 4-63	*6.65	6-17-64	5.2	9- 2-64	*4.50
		7-18-63	5.8	11- 6-63	8.9	7- 1-64	4.3	9- 9-64	4.4
		8-16-63	*5.95	3-25-64	57	7-20-64	5.3	9-22-64	8.6
		8-29-63	6.6	5- 6-64	61				
1273	Pease Brook, at bridge on Mack Road, 1 mile northwest of Lebanon, Conn. Lat 41°38'30", long 72°14'06" Drainage area, 3.11 sq mi.	4- 4-63	*7.34	8- 1-63	.05	11- 5-63	.70	7- 1-64	.04
		4-17-63	2.0	8-12-63	*.05	11- 6-63	.60	7-20-64	.04
		4-29-63	*1.85	8-16-63	.05	3-25-64	3.6	7-27-64	*.04
		5-14-63	*3.78	8-29-63	.04	5- 6-64	2.2	7-29-64	.01
		5-28-63	.70	9-16-63	*.03	5-20-64	5.4	8-14-64	.07
		6-14-63	1.80	9-17-63	.18	6- 1-64	*.19	8-28-64	*.08
		7- 1-63	*.22	9-23-63	*.09	6- 2-64	.19	9- 9-64	.04
		7- 2-63	.13	9-24-63	.13	6-17-64	.14	9-22-64	.11
		7-17-63	.15	10- 3-63	*.20				
1273.1	Pease Brook, at bridge on Waterman Road, 2.0 miles south of Lebanon, Conn. Lat 41°36'24", long 72°12'21" Drainage area, 7.77 sq mi.	4- 4-63	*17.9	7-17-63	.50	10- 3-63	1.5	7- 1-64	.30
		4-17-63	7.0	8- 1-63	.26	11- 5-63	3.0	7-20-64	1.2
		4-29-63	*5.37	8-12-63	*.09	3-25-64	12	7-29-64	.73
		5-14-63	*10.6	8-16-63	.30	5- 6-64	11	8-14-64	1.7
		5-28-63	3.5	8-29-63	.26	5-20-64	12	8-28-64	*.82
		6-14-63	5.6	9-16-63	*.40	6- 1-64	*1.64	9- 9-64	.09
		7- 1-63	*.90	9-17-63	.75	6- 2-64	2.2	9-22-64	.14
		7- 2-63	.75	9-24-63	.86	6-17-64	1.6		
1273.55	Gardner Brook, at bridge on Scott Hill Road, 1.1 miles southwest of Bozrah Street, Conn. Lat 41°32'31", long 72°11'31" Drainage area, 7.60 sq mi.	4-17-63	*9.61	5-28-63	9.1	5- 6-64	25	6- 2-64	*2.42
		4-29-63	*7.88	6-14-63	7.7	5-20-64	28	6-17-64	2.1
		5-14-63	*18.3	3-25-64	26				
1273.6	Gardner Brook, at bridge on Gager Road, at Bozrah Street, Conn. Lat 41°33'02", long 72°10'07" Drainage area, 12.8 sq mi.	4- 4-63	*32.8	5-14-63	*30.5	3-25-64	31	6- 2-64	*4.54
		4-17-63	19	5-28-63	16	5- 6-64	31	6-17-64	2.8
		4-29-63	*14.2	6-14-63	13	5-20-64	33		
1273.8	Susquetonscut Brook, at bridge on State Highway 207, 0.6 mile northeast of Lebanon, Conn. Lat 41°38'35", long 72°12'16" Drainage area, 5.41 sq mi.	5-28-63	2.9	8-16-63	.08	3-25-64	15	7-20-64	.20
		6-14-63	4.1	8-29-63	*0	5- 6-64	8.1	7-29-64	.12
		7- 1-63	*.69	9-16-63	*.08	5-20-64	8.5	8-14-64	.31
		7- 2-63	.50	9-17-63	.08	6- 1-64	*1.19	9- 2-64	*.62
		7-17-63	.45	9-24-63	.27	6- 2-64	1.1	9- 9-64	*.06
		8- 1-63	.16	10- 3-63	*.87	6-17-64	.54	9-22-64	.10
		8-12-63	*0	11- 5-63	1.7	7- 1-64	.45		
1273.9	Susquetonscut Brook, at bridge on Meeting House Hill Road, 0.8 mile southwest of Franklin, Conn. Lat 41°35'54", long 72°09'16" Drainage area, 12.7 sq mi.	4- 4-63	*31.4	8- 1-63	.32	10- 3-63	*2.22	7- 1-64	.47
		4-17-63	11	8-12-63	*.09	11- 5-63	4.4	7-20-64	.51
		4-29-63	*8.64	8-16-63	.13	3-25-64	14	7-29-64	.43
		5-14-63	*10.6	8-29-63	.10	5- 6-64	12	8-14-64	.79
		6-14-63	10	9-16-63	*.19	5-20-64	12	9- 2-64	*1.73
		7- 1-63	*1.40	9-17-63	.19	6- 2-64	*1.86	9- 9-64	.19
		7- 2-63	.86	9-24-63	1.4	6-17-64	1.0	9-22-64	.15
		7-17-63	.43						
1274	Susquetonscut Brook, at bridge on State Highway 87, one mile northwest of Yantic, Conn. Lat 41°34'15", long 72°08'01" Drainage area, 15.4 sq mi.	10- 4-60	*6.23	8-17-62	*.99	7-30-63	*2.00	3-23-64	*19.5
		7-18-61	*7.24	9- 6-62	*1.45	8- 1-63	1.1	3-25-64	16
		8-14-61	*1.27	10- 1-62	9.0	8-16-63	.49	5- 6-64	15
		9- 7-61	1.1	11- 6-62	18	8-22-63	*.60	5-20-64	14
		10- 9-61	4.6	1-18-63	7.5	8-29-63	.42	6- 2-64	2.8
		11- 1-61	1.6	4- 4-63	37	9-16-63	*1.01	6-16-64	*2.44
		12- 1-61	7.8	4-17-63	14	9-17-63	1.3	6-17-64	2.0
		1-19-62	32	4-22-63	12	9-24-63	1.7	7- 1-64	.94
		2-19-62	7.2	4-29-63	10	10- 3-63	3.7	7-20-64	1.0
		3- 8-62	22	5-13-63	14	11- 5-63	4.8	7-29-64	.45
		3-15-62	105	5-28-63	7.2	12- 5-63	9.6	8-14-64	1.8
		3-21-62	38	6-14-63	12	12-26-63	7.2	8-21-64	*.50
		3-26-62	26	7- 2-63	2.2	1-24-64	.94	9- 9-64	.23
		4-17-62	26	7-17-63	1.5	2-18-64	43	9-22-64	.75
		6- 8-62	11						
1277	Trading Cove Brook, at culvert on Connecticut Turnpike, 1 1/2 miles west of Thamesville, and 3 miles southwest of Norwich, Conn. Lat 41°30'03", long 72°06'59" Drainage area, 8.70 sq mi.	10- 4-60	*3.43	3-15-62	150	6-27-63	*3.36	3-25-64	*16.6
		10-11-60	3.4	3-21-62	*28.9	7-30-63	*3.67	5- 6-64	19
		1-10-61	29	4-25-62	15	8- 1-63	3.5	5-20-64	8.8
		3- 1-61	*42.1	7-18-62	*2.59	8-16-63	*.97	6- 2-64	10
		4- 4-61	26	9- 5-62	*1.96	8-29-63	1.0	6-17-64	*2.79
		5- 1-61	36	10-15-62	*5.92	9-17-63	*1.62	6-26-64	*1.78
		6- 1-61	30	11- 6-62	12	9-24-63	1.4	7- 1-64	3.8
		7-18-61	*4.64	12-18-62	10	10- 4-63	*1.74	7-20-64	1.3
		10-10-61	5.0	1-18-63	8.3	11- 6-63	2.5	7-29-64	1.5
		10-30-61	2.5	3-25-63	21	12- 5-63	9.7	8-26-64	*.83
		12- 1-61	2.0	4-29-63	8.4	12-26-63	8.4	9- 9-64	.60
		1-19-62	12	5-13-63	14	1-24-64	29	9-22-64	*.66
		2- 9-62	7.0	6-14-63	10	2-18-64	28		
1277.2	Indiantown Brook, at bridge on State Highway 2, one mile east of Sherville, Conn. Lat 41°29'17", long 71°58'32" Drainage area, 6.53 sq mi.	4-12-63	*9.16	8- 1-63	3.2	5- 6-64	11	7-24-64	*1.73
		5-10-63	15	8-16-63	2.9	5-20-64	7.2	7-29-64	1.0
		5-16-63	*17.2	8-19-63	*2.00	6- 2-64	2.2	8-14-64	1.0
		6-14-63	9.0	8-29-63	.87	6- 5-64	*2.46	8-28-64	*.37
		6-24-63	*4.34	10-10-63	*1.95	6-17-64	1.9	9- 9-64	.11
		7- 2-63	1.3	11- 5-63	4.3	7- 1-64	.87	10- 9-64	*1.54
		7-17-63	1.0	3-25-64	14	7-20-64	.94		

* Streamflow measurement.

Table 6.--Discharge measurements at miscellaneous sites

(The discharge measurements listed in this table were made during periods when streamflow was derived primarily from ground-water discharge)

Stream	Tributary to	Location	Drainage area (sq mi)	Measurements	
				Date	Discharge (cfs)
Green Fall River	Ashaway River	Lat 41°31'24", long 71°48'35", at Green Fall Road, 5 miles southeast of Voluntown.	2.65	10- 5-64	0.10
Wyassup Brook	Green Fall River	Lat 41°27'05", long 71°50'45", at State Highway 49, 1.6 miles west of Clarks Falls.	4.23	10- 5-64	.46
Pendleton Hill Brook	Green Fall River	Lat 41°27'19", long 71°50'12", at Clarks Falls Road, 1.0 mile west of Clarks Falls.	5.03	10- 5-64	1.56
Glade Brook	Green Fall River	Lat 41°27'28", long 71°48'30", at road from Clarks Falls to Hopkinton, R.I., 0.4 mile east of Clarks Falls.	2.17	10- 5-64	0
Shunock River	Pawcatuck River	Lat 41°27'42", long 71°54'34", at State Highway 2, 2.0 miles northwest of North Stonington.	2.29	10- 6-64	.16
Shunock River	Pawcatuck River	Lat 41°26'27", long 71°52'58", at bridge upstream from Assekonk Brook, at North Stonington.	7.57	10- 5-64	1.34
Shunock River	Pawcatuck River	Lat 41°25'49", long 71°51'09", at New London Turnpike, 2.0 miles southeast of North Stonington.	14.7	10- 6-64	2.64
Williams Brook	Whitford Brook	Lat 41°26'16", long 71°58'18", at inlet to swimming pool, 2.3 miles east of Ledyard Center.	4.56	8-22-63 9-26-63 10- 9-63	.78 .23 .41
Williams Brook	Whitford Brook	Lat 41°25'33", long 72°57'27", at Shewville Road, 2.4 miles north of Old Mystic.	6.04	8-22-63 10- 6-64	1.09 1.15
Haleys Brook	Mystic River	Lat 41°23'45", long 72°00'27", at Haley Road, 0.9 mile south of Quakertown.	2.74	10- 6-64	.45
Red Brook	Haleys Brook	Lat 41°23'24", long 71°58'25", at town road, at Burnetts Corner.	2.32	10- 6-64	.64
Fort Hill Brook	Mumford Cove	Lat 41°20'50", long 72°01'15", at U.S. Highway 1, at Poquonock Bridge.	1.57	10- 8-64	.04
Main Brook	Indiantown Brook	Lat 41°29'43", long 71°58'03", at Lake of Isles Road, 1.3 miles east of Shewville.	1.76	10- 9-64	.04
Joe Clark Brook	Poquetanuck Cove	Lat 41°29'04", long 72°02'33", at Avery Hill Road, at Poquetanuck.	3.15	10- 9-64	.77
Fenger Brook	Alewife Cove	Lat 41°19'18", long 72°06'23", at outlet of Hammond Pond, 2.0 miles south of New London.	2.46	10- 8-64	.10
Nevins Brook	Jordan Brook	Lat 41°20'45", long 72°08'22", at U.S. Highway 1A, at Waterford.	1.38	9-11-64	.34
Stony Brook	Keeny Cove	Lat 41°21'33", long 72°10'32", at U.S. Highway 1A, 2.0 miles east of East Lyme.	1.87	10- 8-64	.14
Latimer Brook	Niantic River	Lat 41°27'20", long 72°13'17", at outlet of Barnes Reservoir, 1.9 miles north of Chesterfield.	2.98	10- 7-64	.67
Bogue Brook	Latimer Brook	Lat 41°26'13", long 72°12'37", at outlet of Bogue Brook Reservoir, 0.7 mile northeast of Chesterfield.	1.62	10- 7-64	.06
Latimer Brook	Niantic River	Lat 41°23'45", long 72°13'23", below outlet of Darrow Pond, 2.2 miles south of Chesterfield.	15.1	10- 7-64	2.88
Oil Mill Brook	Niantic River	Lat 41°22'24", long 72°11'30", 1.3 miles east of East Lyme.	4.85	10- 8-64	.08
Pataquanset Brook	Pataquanset River	Lat 41°23'15", long 72°15'03", at outlet of Powers Lake, 2.5 miles northwest of East Lyme.	1.02	10- 7-64	.02
Pataquanset River	Long Island Sound	Lat 41°22'14", long 72°13'35", at outlet of Pataquanset Lake, 0.5 mile northwest of East Lyme.	3.69	10- 7-64	.64
Pataquanset River	Long Island Sound	Lat 41°20'09", long 72°12'29", at outlet of Gorton Pond, 1.0 mile northwest of Niantic.	6.34	10- 7-64	3.27
Bride Lake Brook	Long Island Sound	Lat 41°19'02", long 72°14'37", at State Highway 156, 2.5 miles west of Niantic.	3.70	10- 8-64	.34

Table 7.--Chemical analyses of water from wells and springs

Well or spring number	Water-yielding unit	Date of collection	Parts per million															Specific conductance (micromhos at 25°C)	pH	Water temperature (°F)
			Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg) 1/	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Detergents as MBAS			
U.S. Public Health Service drinking-water standards		(recommended upper limit):	--	0.3	0.05	--	--	--	--	--	250	250	1.3 2/	45	500	--	--	0.5	--	--	--
CONNECTICUT																				
Town of Bozrah																				
Bz 1	Bedrock	4-14-64	--	0.23	0.15	13	1.3	15	1.6	70	12	2.0	--	--	100	38	0	--	153	7.0	--
Bz 2	Till	4-14-64	--	.14	.00	6.4	1.9	--	--	40	--	--	--	--	83	24	0	--	110	7.1	--
Town of Colchester																				
Co 214	Bedrock	6-24-65	--	2.1	.21	12	7.0	--	--	1	44	--	--	--	177	59	58	--	264	4.9	--
Co 255	Till	6-24-65	22	--	.26	9.3	6.1	--	--	18	--	--	--	0.0	123	48	33	--	182	7.0	--
Co 286	Bedrock	7- 8-65	--	.26	.00	--	--	--	--	--	--	--	--	--	71	26	--	--	91	7.1	--
Co 312	do	7- 8-65	19	1.3	.10	3.8	1.8	--	--	0	20	--	--	--	64	17	17	0.0	94	4.6	--
Town of East Lyme																				
ELy 8	Bedrock	7-15-65	--	.05	.05	--	--	--	--	--	--	--	--	20	130	56	--	.1	194	7.2	--
ELy 11	Stratified Drift	6-24-65	--	.14	.01	--	--	--	--	--	--	--	--	--	56	20	--	--	80	7.0	--
ELy 12	Bedrock	7-23-65	--	--	.94	--	--	--	--	--	--	--	--	--	100	42	--	--	162	6.1	--
ELy 13	Stratified Drift	9-25-63	--	.24	.03	13	1.1	8.2	1.6	16	16	20	--	--	105	37	24	--	147	6.0	--
do	do	4-13-64	--	.02	.01	14	3.2	10	1.8	28	11	22	--	--	104	48	25	--	166	6.8	46
ELy 14	do	9-25-63	--	.08	.00	22	4.1	5.4	3.2	22	13	38	--	--	160	72	54	--	237	6.2	--
do	do	4-13-64	--	.09	.01	20	4.1	12	3.1	26	9.2	37	--	--	156	67	46	--	220	6.8	45
ELy 21	do	9-25-63	--	.14	.03	10	1.7	7.4	1.6	13	25	10	--	--	91	32	22	--	132	5.8	--
do	do	4-13-64	--	.08	.03	9.8	2.1	9.6	3.3	5	7.6	12	--	--	102	33	29	--	138	6.4	52
ELy 24	do	6-25-63	--	.43	.45	15	13	12	1.8	31	16	56	--	--	154	93	66	--	251	6.0	--
do	do	4-13-64	--	.04	.22	16	.7	10	2.0	35	13	17	--	--	84	43	14	--	147	7.0	47
ELy 29	do	9-25-63	--	.07	.05	8.3	3.8	7.6	1.8	14	24	13	--	--	62	36	25	--	106	6.0	56
do	do	4-14-64	--	.02	.01	12	5.4	13	2.4	38	18	18	--	--	114	52	21	--	204	6.7	50
ELy 31	do	7- 8-65	--	.13	.04	--	--	--	--	--	--	--	--	--	66	23	--	--	84	7.3	--
ELy 32	Bedrock	7- 8-65	--	.11	.00	--	--	--	--	--	--	--	--	--	110	51	--	--	158	7.3	--
ELy 34 3/	do	5-19-65	28	.04	.04	15	5.7	15	2.6	54	23	15	0.2	3.8	136	61	17	.1	192	7.5	53
ELy 36 3/	Stratified Drift	5-14-65	5.6	.03	.17	5.9	2.1	9.1	.8	13	9.9	15	.1	2.6	78	23	12	--	104	6.5	--
ELy 39	do	5-12-65	--	.10	--	14	2.0	--	--	22	--	--	--	25	126	43	25	.1	168	7.2	--
ELy 42	Bedrock	7-12-65	11	.09	.01	7.6	2.2	4.4 4/	--	17	11	8.5	--	--	59	28	14	--	96	6.8	--
ELy 44	do	7-12-65	--	.10	.02	--	--	--	--	--	--	--	--	3.3	227	15	--	.2	384	8.1	--
ELy 47	do	7- 8-65	12	.02	.02	8.0	1.4	--	--	18	11	19	--	--	72	26	11	.0	131	7.0	--
Town of Franklin																				
Fr 1	Bedrock	6-23-65	--	.78	.08	--	--	13	2.4	--	--	--	--	--	167	75	--	.1	240	7.1	--
Fr 2	do	11-28-62	9.8	.08	.04	7.8	.4	3.2	3.2	26	1.6	3.5	.1	1.7	44	21	0	.0	78	6.9	51
do	do	4-17-63	8.7	.04	.03	18	.2	4.3	5.3	46	11	4.1	.1	7.6	85	46	9	--	139	6.9	50
Fr 13	do	6-23-65	--	.86	.05	--	--	8.8	4.8	--	--	--	--	--	106	40	--	--	138	7.5	--
Fr 16	do	6- 9-65	--	.11	--	82	4.8	74 4/	--	89	34	194	--	3.7	604	224	151	--	868	7.8	--
Fr 18	do	6-10-65	12	.03	--	61	3.9	--	--	128	25	59	--	--	304	168	63	.2	450	8.0	--
Fr 21	do	6- 9-65	3.8	2.4	--	10	2.4	--	--	32	17	--	--	--	67	35	9	--	111	7.4	--
Fr 22	Stratified Drift or till	6-15-15	--	.10	--	--	--	--	--	27	3	29	--	--	46	19	--	--	--	--	--
Town of Groton																				
Gt 6	Bedrock	7-13-65	--	.05	.00	--	--	--	--	--	--	--	--	--	74	30	--	.0	102	7.0	--
Gt 7	do	7-13-65	--	4.9	.84	--	--	--	--	--	--	--	--	--	122	42	--	.0	215	6.9	--
Gt 14	do	7-13-65	--	.02	.02	24	3.9	--	--	82	--	--	--	9.9	155	76	9	.1	228	7.7	--
Gt 27	do	7-13-65	13	.06	.01	--	--	--	--	--	--	--	--	--	120	72	--	--	194	7.5	--
Gt 29 3/ 5/	Stratified Drift	5-25-65	13	.62	.23	17	6.7	14	.9	31	26	30	.2	4.0	142	70	44	.0	215	6.7	--
Gt 33	do	7-13-65	7.6	.03	.00	9.4	2.8	--	--	17	--	7.4	--	--	56	35	21	--	101	7.4	--
Gt 34	Bedrock	7-14-65	20	.08	.00	24	8.5	--	--	74	--	14	--	--	179	95	34	--	289	7.3	--
Gt 42	Stratified Drift	4-13-64	--	.05	.00	21	32	236	8.1	43	57	430	--	--	888	184	149	--	1,560	6.6	47
Gt 43	do	9-24-63	--	.16	.74	16	6.8	60	1.7	15	24	116	--	--	281	68	56	--	454	5.8	60
Gt 47	Bedrock	7-13-65	--	.12	.00	--	--	--	--	--	--	--	--	--	74	39	--	--	105	7.3	--
Gt 48	do	7-13-65	--	.40	.00	--	--	--	--	--	--	--	--	--	49	25	--	--	79	7.2	--
Gt 49	Till	7-14-65	8.2	.02	.00	9.0	1.8	--	--	23	--	5.8	--	--	54	30	11	--	92	7.2	--
Gt 54	do	7-13-65	--	.14	.27	31	5.5	--	--	1	--	--	--	52	678	100	99	.2	1,190	5.0	--

Table 7.--Chemical analyses of water from wells and springs--Continued

Well or spring number	Water-yielding unit	Date of collection	Parts per million															Specific conductance (micromhos at 25°C)	pH	Water temperature (°F)
			Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium magnesium	Hardness as $CaCO_3$: Noncarbonate	Detergents as MBAS			
Town of Lebanon																				
Lb 4	Bedrock	6- 9-65	12	0.07	--	--	--	--	--	--	--	--	--	--	112	61	--	--	172	7.5	--
Lb 5	do	6- 9-65	--	.05	--	--	--	--	--	--	--	--	--	--	304	124	--	--	377	7.4	--
Lb 9	do	6- 9-65	12	.03	--	46	4.2	8.9	4.9	--	--	47	--	14	283	132	--	--	353	7.7	--
Lb 11	do	7-22-65	--	.02	0.00	--	--	--	--	--	--	--	--	--	132	64	--	--	196	7.3	--
Lb 13	do	6- 9-65	--	.08	--	--	--	--	--	--	--	--	--	.1	120	59	--	--	174	7.9	--
Lb 23	Stratified Drift	6-10-65	--	.41	--	--	--	--	--	--	--	--	--	2.7	86	34	--	0.0	140	6.9	--
Lb 26 3/	Bedrock	6-23-65	--	.84	.15	26	5.8	--	--	82	--	--	--	--	149	89	22	--	234	7.2	--
Lb 28 3/	do	7- 7-65	--	.04	.00	--	--	--	--	--	--	--	--	--	73	34	--	--	100	7.6	--
Lb 30	Till	6- 9-65	10	8.1	--	--	--	--	--	--	--	--	--	--	62	35	--	--	88	7.0	--
Lb 32	Stratified Drift	10- 1-64	9.3	.04	.01	10	1.0	9.3	3.0	28	16	10	0.1	.6	78	29	6	--	121	7.3	--
Lb 50	Bedrock	7-22-65	--	.04	.02	--	--	--	--	--	--	--	--	--	157	75	--	--	229	7.6	--
Town of Ledyard																				
Ly 3	Bedrock	6-28-65	12	.00	.00	4.7	.6	--	--	14	--	5.0	--	--	54	14	2	--	56	6.8	--
Ly 4	do	7-22-65	--	.04	.02	--	--	--	--	--	--	--	--	--	127	46	--	--	181	7.1	--
Ly 24 3/	Stratified Drift	6-28-65	--	.01	.01	--	--	--	--	--	--	7.5	.0	--	49	21	--	.0	82	6.9	--
Ly 27 3/	do	5-20-65	10	.63	.30	13	5.7	14	1.2	14	25	23	.1	16	123	56	44	.2	186	6.5	--
Ly 30	do	9-24-63	--	.06	.00	12	2.7	11	1.7	19	16	23	--	--	93	41	26	--	154	6.1	53
do	do	4-14-64	--	.03	.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ly 38	do	6-28-65	--	.05	.00	--	--	--	--	--	--	--	--	--	50	20	--	--	87	6.6	--
Ly 41a	Bedrock	6-28-65	--	.09	.66	--	--	--	--	--	--	--	--	--	140	50	--	--	217	6.6	--
Ly 42 3/	Stratified Drift	6-28-65	--	.08	.12	8.4	1.7	6.9 4/	--	30	7.7	5.1	--	3.8	79	28	4	.2	100	7.0	--
Ly 71	Till	8-12-64	8.6	.18	.03	28	4.4	16	24	83	41	16	.2	20	210	88	20	--	338	7.3	58
Ly 88 3/	Bedrock	5-20-65	16	.02	.02	17	3.5	11	2.6	38	12	21	.2	14	134	57	26	.1	190	6.4	--
Ly 1sp	Till	7-24-64	--	.04	--	3.7	.1	5.7	.4	--	--	--	--	.1	--	14	--	--	61	6.3	59
do	do	7-30-64	--	.20	--	--	--	--	--	7	5.4	9.0	--	.2	45	--	--	--	54	6.3	63
Town of Montville																				
Mv 1	Stratified Drift	9-25-63	--	.87	.29	43	32	212	6.2	12	97	448	--	--	956	238	229	--	1,590	5.9	--
do	do	4-14-64	--	.19	.41	50	41	309	7.1	12	109	607	--	--	1,270	296	286	--	2,170	5.9	54
Mv 3	Bedrock	9-25-63	--	.15	.05	17	6.2	12	2.4	19	54	20	--	--	133	68	53	--	198	5.9	--
do	do	4-14-64	--	.04	.00	18	5.6	15	2.5	24	38	19	--	--	149	68	48	--	240	6.9	54
Mv 10	Stratified Drift	9-25-63	--	.10	.05	13	5.7	12	2.1	18	38	18	--	--	98	56	41	--	167	5.8	--
do	do	4-14-64	--	.05	.00	12	2.4	13	2.0	16	15	17	--	--	112	40	27	--	172	6.4	49
Mv 13	do	4-14-64	--	.06	.78	17	4.0	14	4.8	36	25	16	--	--	131	59	30	--	207	7.5	48
Mv 14	do	4-14-64	--	2.3	.73	14	4.1	12	2.8	26	31	13	--	--	116	52	30	--	185	6.4	48
Mv 24	Bedrock	6-23-65	--	.02	.02	--	--	--	--	--	6.9	--	--	--	45	19	--	--	60	7.2	--
Mv 25	Stratified Drift	4-14-64	--	.38	.00	20	5.6	12	1.8	39	39	10	--	--	133	73	41	--	211	6.7	46
Mv 28	do	9-25-63	--	.08	.03	5.1	2.8	6.4	1.0	12	20	6.4	--	--	57	24	14	--	73	6.1	--
do	do	4-14-64	--	.01	.00	20	5.4	12	3.1	10	17	43	--	--	170	72	64	--	280	6.1	47
Mv 29	do	9-25-63	--	.07	.71	6.1	2.2	5.6	.7	13	17	7.0	--	--	48	24	14	--	71	5.8	--
Mv 30	Bedrock	4-14-64	--	.92	.03	2.2	1.1	6.9	.8	16	2.4	7.4	--	--	24	10	0	--	63	6.8	52
Mv 32	do	9-25-63	--	.03	.00	14	2.9	3.6	.4	33	17	7.4	--	--	74	47	20	--	117	6.2	--
Mv 37 3/ 6/	do	5-24-65	20	.02	.13	18	4.1	8.0	1.1	58	20	5.0	.4	1.4	110	62	14	.0	153	6.5	--
Mv 63 3/	Stratified Drift	5-25-65	19	.06	.00	7.4	2.3	6.2	.6	38	1.2	5.2	.1	3.2	65	28	0	.4	88	7.0	--
Mv 67	Bedrock	6-23-65	--	.10	.33	24	--	--	--	63	--	--	--	--	152	83	32	--	239	7.2	--
Mv 2sp	Stratified Drift	9-25-63	--	.10	2.2	64	24	33	4.0	0	287	25	--	--	489	260	258	--	734	4.0	--
do	do	10-28-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	760 7/	--	53
do	do	7-16-64	--	--	--	55	8.0	34	3.5	0	198	31	--	10	376	170	170	--	550	4.3	53
Town of New London																				
NL 3	Bedrock	7-12-65	--	.06	.00	66	9.4	--	--	--	--	107	--	--	440	203	--	--	704	7.7	--
NL 4	do	7-12-65	--	.16	.02	--	--	--	--	--	--	65	--	5.6	219	74	--	.1	387	7.3	--
NL 14	do	7-12-65	9.3	.36	.04	17	4.7	20 4/	--	20	17	48	--	5.5	161	62	46	.1	258	7.2	--
NL 15	do	9-25-63	--	.34	.05	15	3.5	5.4	1.2	56	9.8	8.6	--	--	112	52	6	--	150	7.1	--
do	do	4-14-64	--	.19	.01	20	7.3	16	1.6	71	16	18	--	--	148	80	22	--	240	7.4	56
NL 16	do	7-12-65	--	.03	.00	27	6.2	--	--	38	--	46	--	--	215	93	62	--	336	7.1	--
NL 20	do	7-12-65	18	.36	.03	30	6.1	--	--	70	26	18	--	--	194	100	42	.1	289	7.4	--

Table 7.--Chemical analyses of water from wells and springs--Continued

Well or spring number	Water-yielding unit	Date of collection	Parts per million																Specific conductance (micromhos at 25°C)	pH	Water temperature (°F)
			Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium magnesium	Hardness as $CaCO_3$: Noncarbonate	Detergents as MBAS			
Town of North Stonington																					
Nsn 4	Bedrock	11-28-62	23	0.28	0.02	8.2	0.7	9.8	1.8	32	5.5	11	0.3	1.7	79	24	0	0.0	107	7.8	52
do	do	4-18-63	22	.21	.02	8.2	1.8	9.8	1.8	38	5.5	9.5	.1	1.7	80	28	0	--	111	6.5	51
Nsn 5	do	7-22-65	--	.01	.00	36	8.3	9.9	--	93	20	16	.0	32	189	124	48	.2	311	7.7	--
Nsn 7	do	7-20-65	--	.05	.57	13	2.3	--	--	--	12	.0	--	--	86	42	--	--	131	7.3	--
Nsn 11	do	6-29-65	--	.08	.00	17	1.3	--	--	48	8.9	--	.3	--	91	48	8	--	126	7.5	--
Nsn 15	do	7-20-65	--	.00	.00	19	2.8	--	--	--	3.0	--	.1	--	94	59	--	--	148	7.6	--
Nsn 17	do	7-20-65	--	.19	.17	19	4.2	--	--	--	6.3	--	.3	--	126	65	--	--	175	7.5	--
Nsn 29 3/	Stratified Drift	5-28-65	12	.10	.02	6.4	2.4	7.3	1.0	16	9.3	10	.1	6.8	71	26	13	.0	92	6.7	--
Nsn 30	do	7-20-65	--	.18	.07	--	--	--	--	--	--	--	--	--	112	57	--	--	180	7.5	--
Nsn 39	Bedrock	6-29-65	11	.26	.23	--	--	--	--	--	--	--	--	--	98	44	--	--	138	6.8	--
Nsn 40 3/	do	5-25-65	22	1.6	.39	416	20	23	3.2	60	1,040	31	1.4	.4	1,830	1,120	1,070	.0	1,860	6.9	--
Town of Norwich																					
Nwh 9	Bedrock	9-24-63	--	.36	.14	66	24	177	8.4	68	82	362	--	--	887	263	208	--	1,480	6.7	--
Nwh 15	do	6-23-65	--	.21	.00	22	3.9	--	--	25	28	37	--	--	179	71	50	.1	269	7.1	--
Nwh 19	do	6-22-65	--	.04	.01	23	--	--	--	53	--	--	--	--	135	70	27	--	208	7.2	--
Nwh 22	do	6-22-65	--	.04	.01	15	--	--	--	--	--	--	--	--	112	49	--	--	148	6.9	--
Nwh 24	Stratified Drift	6-23-65	--	.13	.00	22	2.7	--	--	34	15	--	--	43	172	66	38	--	240	6.9	--
Nwh 25	Bedrock	7- 7-65	14	.24	.01	36	3.6	--	--	77	--	10	--	6.2	172	105	42	.1	293	7.4	--
Nwh 27	Stratified Drift	6-22-65	--	.05	.00	12	2.4	--	--	38	15	--	--	--	75	40	9	--	118	7.0	--
Town of Old Lyme																					
OL 5	Bedrock	7- 8-65	--	.02	.01	--	--	--	--	--	--	13	--	--	145	61	--	--	255	7.9	--
OL 10 3/	do	5-18-65	19	3.2	.23	--	--	--	--	--	--	--	--	--	69	32	--	--	113	7.4	53
OL 15-17 3/ 8/	Stratified Drift	5-18-65	10	.02	.03	11	3.5	15	1.7	14	12	22	.0	27	136	42	30	.1	184	6.6	53
OL 21 3/	do	5-18-65	11	1.0	.13	7.1	2.1	10	1.7	5	22	16	.2	1.2	80	26	22	.0	126	5.3	49
OL 23 3/	Bedrock	5-18-65	--	.10	.04	--	--	--	--	--	--	--	--	--	80	28	--	--	128	6.6	50
OL 27	do	7- 8-65	--	.19	.01	--	--	--	--	--	--	--	--	--	105	66	--	--	190	7.4	--
OL 51	do	7- 8-65	--	.11	.21	--	--	--	--	--	--	--	--	--	165	117	--	--	292	7.8	--
OL 58 3/	Stratified Drift	7- 8-65	--	.17	.01	29	8.9	--	--	--	--	75	--	--	259	109	--	--	443	7.7	--
OL 61 3/	Bedrock	7-23-65	--	.05	.00	19	5.2	--	--	--	--	21	--	--	136	69	--	--	242	7.4	--
OL 63 3/	Stratified Drift	7- 8-65	--	.26	.12	9.4	3.0	--	--	--	--	16	--	--	78	36	--	--	151	7.1	--
Town of Preston																					
Ps 6	Bedrock	6-29-65	16	.19	.02	--	--	--	--	--	--	--	--	--	87	51	--	--	134	7.4	--
Ps 7	do	7-19-65	--	.02	.02	11	3.8	--	--	30	--	--	--	--	75	43	18	.0	117	6.9	--
Ps 34	do	7-29-63	24	4.8	.14	15	8.4	6.3	2.6	38	21	19	--	1.0	135	72	41	--	208	6.3	--
Ps 36	do	6-29-65	--	.38	.01	--	--	--	--	--	--	--	--	--	263	102	--	--	355	6.8	--
Ps 62	do	6-29-65	--	.03	.03	54	--	--	--	--	--	--	--	--	268	166	--	.1	399	7.9	--
Ps 65	Stratified Drift	9-24-63	--	.11	.08	13	3.3	6.1	1.2	30	24	7.0	--	--	83	46	22	--	125	6.2	--
do	do	4-14-64	--	.09	.03	10	1.7	4.7	.9	24	12	4.0	--	--	64	32	12	--	104	6.4	--
Ps 66	Bedrock	6-29-65	--	.07	.00	--	--	--	--	--	--	--	--	--	58	32	--	--	92	7.0	--
Ps 67	Stratified Drift	9-24-63	--	.04	.00	19	4.7	24	2.8	35	23	48	--	--	199	67	39	--	283	6.5	--
do	do	4-14-64	--	.11	.00	18	2.7	20	2.9	37	17	37	--	--	134	56	26	--	240	6.8	--
do	do	12-16-64	15	.11	.01	18	4.1	24 4/	--	36	18	45	.1	4.0	158	62	32	--	260	7.5	52
do	do	12-16-64	15	.01	.00	19	4.2	26 4/	--	36	18	49	--	4.5	173	65	19	--	276	7.5	55
do	do	12-17-64	--	.06	.00	--	--	--	--	--	--	--	--	--	--	66	35	--	283	7.5	54
Ps 105	do	6-29-65	--	.02	.00	4.3	.9	--	--	--	--	--	--	1.2	38	14	--	.0	50	6.9	--
Ps 109	Bedrock	6-29-65	--	.30	.01	--	--	--	--	--	--	--	--	--	55	20	--	--	69	6.8	--
Ps 115 3/	do	5-26-65	13	.01	.01	33	2.6	5.8	2.1	96	21	7.5	.2	1.0	132	93	14	.0	221	7.6	--
Ps 116	do	7-19-65	--	6.2	.24	6.2	6.7	--	--	--	50	--	--	--	117	43	--	--	172	4.4	--
Ps 117	Till	7-19-65	--	.08	.01	8.6	4.0	--	--	--	30	--	--	--	82	38	--	--	127	6.7	--
Ps 118	Bedrock	7-19-65	--	.32	.20	4.3	7.2	--	--	--	39	--	--	--	118	40	--	--	146	6.4	--
Ps 119	do	7-19-65	--	.06	.04	23	5.0	--	--	--	17	--	--	--	133	78	--	--	207	7.0	--
Ps 120	do	7-19-65	--	.18	.03	13	2.1	--	--	--	10	--	--	--	89	41	--	--	125	7.2	--
Ps 121	do	7-20-65	21	.33	.10	3.1	3.3	--	--	--	25	--	--	--	74	21	--	--	86	6.8	--
Ps 132	do	6-29-65	--	.05	.00	10	2.9	--	--	19	13	8.9	--	--	82	37	22	.1	122	7.0	--

Table 7.--Chemical analyses of water from wells and springs--Continued

Well or spring number	Water-yielding unit	Date of collection	Parts per million															Specific conductance (micromhos at 25°C)	pH	Water temperature (°F)
			Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (Cl)	Chloride (SO_4)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium magnesium	Hardness as $CaCO_3$: Noncarbonate	Detergents as MBAS			
Town of Stonington																				
Sn 8	Bedrock	7-22-65	--	0.47	0.00	--	--	--	--	--	--	--	--	--	113	64	--	--	185	7.2	--
Sn 10	do	7-13-65	--	.04	.02	18	2.4	8.0 4/	--	50	15	6.1	--	0.9	97	55	14	--	150	7.0	--
Sn 22	do	7-14-65	--	.04	.03	--	--	--	--	--	--	16	--	--	92	43	--	--	172	6.9	--
Sn 23	do	7-14-65	--	8.2	.84	--	--	--	--	--	--	31	--	--	208	122	--	--	322	7.5	--
Sn 54	do	7-22-65	--	.07	.00	--	--	--	--	--	--	5.5	--	--	66	34	--	--	112	7.2	--
Sn 55	Till	7-14-65	6.6	.36	.01	--	--	--	--	--	--	5.3	--	.8	40	22	--	--	70	6.9	--
Sn 58	Bedrock	7-22-65	--	.10	.02	--	--	--	--	--	--	7.1	--	--	106	49	--	--	172	7.1	--
Sn 66	do	7-22-65	--	.76	.04	--	--	--	--	--	--	5.9	--	--	58	28	--	--	111	6.9	--
Sn 71	do	7-14-65	--	.04	.02	7.5	2.6	7.4 4/	--	26	10	7.0	--	3.2	60	29	8	--	108	7.3	--
Sn 110	do	7-14-65	16	.24	.03	--	--	--	--	--	--	10	--	--	154	3	--	--	243	7.8	--
Sn 128	Stratified Drift	7-14-65	--	.09	.02	13	1.1	--	--	24	12	12	--	--	77	37	18	--	128	6.9	--
Sn 130	do	7-14-65	--	.08	.02	18	5.4	--	--	50	18	16	--	--	144	67	26	--	253	7.1	--
Sn 133	Bedrock	9-24-63	--	.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	267	7.7	--
do	do	4-13-64	--	.05	.01	18	7.0	17	2.2	59	15	27	--	--	160	74	26	--	241	7.1	--
Sn 139	Stratified Drift	7-14-65	--	.03	.04	8.9	3.4	--	--	--	--	26	--	--	103	36	--	--	188	6.8	--
Sn 148	Bedrock	7-20-65	--	.07	.05	--	--	--	--	--	--	--	--	--	94	39	--	--	150	7.2	--
Sn 149 3/	Stratified Drift	7-20-65	--	.25	.00	.7	.1	--	--	20	--	7.9	--	--	36	2	0	0.0	67	6.8	--
Sn 154 3/	Bedrock	7-20-65	--	.37	.01	22	7.5	--	--	--	10	6.5	--	.3	112	86	--	.2	201	7.5	--
Sn 155 3/	Stratified Drift	7-20-65	--	.01	.01	12	3.9	--	--	48	6.7	--	--	3.5	83	46	6	.2	139	7.3	--
Town of Waterford																				
Wt 1	Bedrock	7-15-65	16	.39	.01	16	4.4	--	--	46	12	--	--	--	111	58	20	--	179	7.3	--
Wt 2	do	7-15-65	--	.01	.41	--	--	--	--	--	18	--	--	--	179	79	--	--	273	7.0	--
Wt 5	Stratified Drift	9-25-63	--	.12	.05	26	6.3	15	8.0	72	36	24	--	--	158	91	32	--	262	6.9	--
do	do	4-13-64	--	.01	.01	22	3.9	36	2.0	15	30	72	--	--	210	71	59	--	343	6.4	44
Wt 7	do	7-15-65	--	.41	.05	21	6.9	--	--	22	--	17	--	--	155	81	63	--	241	7.1	--
Wt 12	Bedrock	9-25-63	--	.04	.00	28	7.8	5.5	2.6	97	21	9.8	--	--	165	102	23	--	247	7.2	--
do	do	4-13-64	--	.08	.03	27	5.5	16	2.3	108	21	11	--	--	169	90	2	--	265	7.6	--
Wt 13	do	6-24-65	--	.04	.00	13	2.6	--	--	31	16	13	--	--	117	43	18	--	149	7.2	--
Wt 17	do	6-24-65	--	.17	.00	14	1.5	--	--	28	19	3.6	--	--	82	41	18	--	119	6.9	--
Wt 21	Stratified Drift	7-15-65	--	.00	.01	--	--	--	--	--	--	--	--	--	40	13	--	--	58	6.7	--
Wt 23	Bedrock	7-14-65	--	.00	.00	--	--	--	--	--	--	--	--	--	221	121	--	--	351	7.6	--
Wt 41	Stratified Drift	9- 2-64	11	.11	.02	4.9	1.0	4.5	.6	13	10	6.6	0.1	.0	42	16	6	--	65	7.1	50
do	do	9- 2-64	--	.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	71	6.2	50
do	do	9- 2-64	--	.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	66	7.2	50
do	do	9- 2-64	--	.10	--	5.8	1.3	6.4 4/	--	13	13	7.3	--	.3	--	20	10	--	92	6.1	50
do	do	9- 2-64	--	.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	68	6.2	50
do	do	9- 2-64	--	.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	68	6.1	50
do	do	9- 3-64	--	.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	77	6.2	50
do	do	9- 3-64	--	.15	--	6.3	1.8	6.0 4/	--	13	14	8.0	--	.3	--	23	12	--	92	6.1	50
do	do	9- 3-64	--	.08	.01	--	--	--	--	--	--	--	--	--	--	--	--	--	66	7.0	50
Wt 45	do	9- 3-64	13	.12	.02	7.5	2.3	5.7	.9	17	11	8.2	.1	5.8	73	28	14	--	97	7.1	--
Wt 48	do	9-16-64	--	--	.03	5.5	2.1	2.8	.8	17	8.8	4.0	--	1.3	40	22	8	--	69	6.3	55
Wt 56 3/	do	5-19-65	9.0	.03	.02	10	2.7	14	2.2	24	17	24	.2	1.8	100	36	16	.0	161	6.2	53
Wt 1sp	Till (and gneiss?)	8-19-64	14	--	.02	13	3.8	6.8	.9	34	11	10	.1	10	87	48	20	--	141	7.4	53
RHODE ISLAND																				
Town of Westerly																				
Wes 103-166 3/ 8/	Stratified Drift	5-26-65	11	.02	.03	6.2	1.1	10	1.2	22	11	9.2	.1	7.0	68	20	2	.0	98	7.0	--

1/ Calculated.
2/ Recommended control limits: lower 0.8 ppm, optimum 1.0 ppm.
3/ Public water supply.
4/ Sodium (Na) and potassium (K) calculated as sodium (Na).
5/ Sample collected after chlorination.
6/ Sample analyzed includes water from well Mv 38.
7/ Field specific conductance.
8/ Samples analyzed include water from gang wells.

Table 8.--Chemical analyses of water from streams, lakes, and reservoirs

Station no.	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Parts per million: Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Non-carbonate	Detergents as MBAS	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
U.S. Public Health Service drinking-water standards (recommended upper limit):					--	0.3	0.05	--	--	--	--	--	250	250	1.3 1/	45	500	--	--	0.5	5	--	--	15	--
														CONNECTICUT											
1182.55	Green Fall River at Laurel Glen	9-24-63	1.2	8	--	0.11	0.00	3.2	1.5	3.6	0.8	8	10	4.4	--	--	34	14	8	--	--	45	6.1	--	51
	do	4- 9-64	55	378	--	.03	.03	2.5	.7	2.5	.3	2	8.6	3.7	--	--	38	9	8	--	--	41	5.2	--	43
	do	9-22-64	.50	3	9.0	.29	--	--	--	--	--	--	7.2	--	--	0.3	--	--	--	--	--	54	5.9	8	59
	do	10- 6-64	.4	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	49 2/	--	--	48
1182.8	Wyassup Brook near North Stonington	9-24-63	--	--	--	1.3	.34	9.6	2.2	4.5	1.9	36	9.0	5.0	--	--	58	33	4	--	--	96	6.4	--	58
	do	4- 9-64	--	--	--	.08	.03	3.2	1.2	3.0	.7	5	11	4.6	--	--	41	13	9	--	--	53	5.8	--	43
	do	10- 6-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	66 2/	--	--	52
1183	Pendleton Hill Brook near Clarks Falls	4-24-62	7.3	88	5.0	.12	.00	2.4	1.2	3.1	.5	10	6.8	3.6	0.0	.2	33	11	3	--	0.4	41	6.4	19	58
	do	11-28-62	11	133	7.9	.08	.01	2.4	1.2	3.1	.4	5	7.9	4.0	.1	.2	34	11	7	0.0	.3	40	6.0	21	40
	do	4-18-63	9.4	113	5.0	.06	.03	2.8	1.2	3.4	.8	7	6.7	4.0	.2	.7	33	12	7	.0	.4	43	6.2	24	47
	do	9-24-63	.45	5	--	.15	.00	5.0	1.4	4.1	1.1	10	13	4.4	--	--	--	19	11	--	--	63	5.9	--	52
	do	4- 9-64	32	386	--	.06	.03	3.9	.6	3.3	.6	4	12	5.2	--	--	50	12	9	--	--	56	5.5	--	45
	do	9-22-64	.07	1	9.9	.23	--	--	--	--	--	--	12	4.8	--	.6	--	--	--	--	--	68	6.3	10	59
	do	10- 6-64	.59	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100 2/	--	--	50
	do	4-16-65	45	544	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	--	--	--	--
1183.5	Green Fall River at Clarks Falls	9-24-63	2.4	6	--	.21	.04	4.0	1.2	4.7	1.1	11	9.2	6.2	--	--	37	15	6	--	--	61	6.0	--	59
	do	4- 9-64	148	356	--	.03	.02	2.2	.8	2.9	.5	4	9.0	3.1	--	--	28	9	6	--	--	40	5.6	--	44
	do	9-22-64	2.5	6	4.7	--	--	--	--	--	--	--	21	--	--	.8	--	--	--	--	--	87	5.1	16	63
	do	10- 6-64	3.0	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	63 2/	--	--	55
1183.6	Pawcatuck River near Pawcatuck	9-26-63	--	--	--	.25	.01	4.8	2.1	21	1.5	47	15	12	--	--	97	21	0	--	--	152	6.6	--	59
	do	4- 9-64	--	--	--	.14	.03	4.2	1.6	33	1.4	32	44	15	--	--	151	17	0	--	--	202	7.0	--	46
	do	10- 6-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147 2/	--	--	58
1183.7	Yawbucs Brook near North Stonington	9-24-63	.175	4	--	.12	.04	5.3	1.8	3.9	1.0	13	11	6.0	--	--	58	21	10	--	--	67	6.4	--	55
	do	4- 9-64	17.5	365	--	.09	.01	4.1	1.0	3.0	.6	6	12	4.4	--	--	47	14	9	--	--	52	5.9	--	43
	do	9-22-64	.060	1	6.7	.35	--	--	--	--	--	--	8.8	--	--	.5	--	--	--	--	--	65	6.2	7	60
	do	10- 7-64	.27	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	60 2/	--	--	50
1183.73	Shunock River at North Stonington	10- 7-64	--	--	6.8	--	--	14	2.2	23	2.1	18	18	46	--	--	--	44	29	--	--	229	6.6	--	51
1183.75	Assekonk Brook near North Stonington	9-24-63	.032	1	--	.17	.04	9.8	1.6	7.2	1.5	23	14	10	--	.8	77	31	12	--	--	115	6.3	--	57
	do	4- 9-64	15	457	--	.06	.00	4.6	1.1	4.1	.7	5	13	5.9	--	--	45	16	12	--	--	62	5.7	--	45
	do	9-22-64	.019	1	13	.13	--	--	--	--	--	--	42	--	--	.5	--	--	--	--	--	174	6.1	6	60
	do	10- 7-64	.01	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	185 2/	--	--	51
1183.8	Assekonk Brook at North Stonington	9-24-63	.44	6	--	.18	.04	6.6	3.4	3.4	.4	9	23	3.6	--	--	82	31	23	--	--	94	5.6	--	54
	do	4- 9-64	32	404	--	.09	.01	4.6	1.8	4.0	.6	4	17	5.9	--	--	57	19	16	--	--	70	5.3	--	46
	do	9-22-64	.130	2	6.5	.40	--	--	--	5.3	2.3	--	19	4.4	--	4.8	--	--	--	--	--	133	6.0	35	63
	do	10- 7-64	.22	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	111 2/	--	--	53
1184	Shunock River near North Stonington	9-24-63	3.0	8	--	.12	.03	9.1	1.9	8.2	1.5	38	8.3	7.0	--	1.4	87	31	0	--	--	112	6.9	--	54
	do	4- 9-64	160	427	--	.06	.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	46
	do	9-22-64	2.25	6	9.5	.34	--	--	--	--	--	--	49	--	--	1.8	--	--	--	--	--	215	4.6	3	63
	do	10- 7-64	3.0	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	138 2/	--	--	52
	do	4-16-65	78	209	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	13	--	--	--	--

Table 8.--Chemical analyses of water from streams, lakes, and reservoirs--Continued

Station no.	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Parts per million: Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Detergents as MBAS	Turbidity	Specific conductance (micromhos at 25° C)	pH	Color	Water temperature (°F)
U.S. Public Health Service drinking-water standards (recommended upper limit):					--	0.3	0.05	--	--	--	--	--	250	250	1.3 1/	45	500	--	--	0.5	5	--	--	15	--
												RHODE ISLAND													
1185	Pawcatuck River at Westerly, Rhode Island	9-26-63	132	23	--	0.25	0.08	5.0	1.6	33	1.9	71	15	15	--	--	120	19	0	--	--	191	7.2	--	--
	do	4- 9-64	1,680	296	--	.11	.03	4.2	2.3	6.9	.8	3	12	12	--	--	62	20	18	--	--	96	5.2	--	45
												CONNECTICUT													
1185.2	Pawcatuck River near Pawcatuck	9-24-63	--	--	--	.05	.05	268	780	7,160	269	115	1,670	12,900	--	--	24,800	3,880	3,790	--	--	34,800	7.1	--	61
1185.5	Anquillo Brook at Wequetequock	9-24-63	.90	6	--	.17	.11	6.7	2.0	7.0	1.7	23	9.2	9.8	--	--	65	25	6	--	--	99	7.1	--	54
	do	4- 9-64	84	585	--	.09	.00	5.0	.9	4.2	.6	7	14	4.6	--	--	40	16	11	--	--	63	6.1	--	46
	do	10- 7-64	1.1	7	10	.08	--	--	--	--	--	--	20	--	--	1.2	--	--	--	--	--	115	6.5	14	52
1186.4	Palmer Reservoir near Mystic 3/	5-12-65	--	--	4.4	.37	.02	4.1	1.9	5.5	.4	9	12	8.3	.1	.4	50	18	10	--	0	71	6.4	24	64
1187	Whitford Brook at Old Mystic	9-24-63	1.45	6	--	.42	.05	8.2	2.5	5.2	1.5	22	15	7.0	--	--	62	31	13	--	--	91	6.5	--	60
	do	4- 9-64	130	501	--	.06	.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	46
	do	9-22-64	1.18	5	7.6	.45	--	--	--	--	--	--	22	--	--	1.1	--	--	--	--	--	106	6.0	8	68
	do	10- 8-64	.75	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	108 2/	--	--	52
	do	4-16-65	62	239	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--	--
1187.5	Haleys Brook near Old Mystic	4-24-62	10	130	3.1	.17	.00	4.2	1.8	4.7	.7	12	11	5.7	.0	.8	42	18	8	--	.4	65	6.6	28	59
	do	9-24-63	.36	5	--	.20	.00	8.0	3.2	6.5	1.6	18	18	12	--	--	63	33	18	--	--	102	6.5	--	58
	do	4- 9-64	40	522	--	.08	.03	3.8	1.1	9.8	.9	8	17	8.2	--	--	54	14	8	--	--	86	6.1	--	45
	do	9-22-64	.25	3	11	.21	--	--	--	6.9	--	--	26	--	--	1.3	--	--	--	--	--	124	6.2	10	62
	do	10- 9-64	.14	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	164 2/	--	--	54
1187.6	Mystic River at Old Mystic	9-24-63	--	--	--	.09	.00	330	1,000	8,700	344	117	1,750	15,900	--	--	30,200	4,940	4,840	--	--	41,000	7.0	--	61
1187.8	Mystic River at Mystic	9-26-63 4/	--	--	--	.05	.05	347	1,000	9,620	336	124	2,210	16,500	--	--	31,600	4,980	4,880	--	--	43,500	7.3	--	59
	do	9-26-63 5/	--	--	--	.10	.07	351	1,140	9,520	354	124	2,330	16,700	--	--	31,400	5,580	5,470	--	--	43,000	7.1	--	59
1188.5	Eccleston Brook at Noank	9-24-63	.25	5	--	.10	.05	11	3.5	11	1.9	27	19	18	--	--	99	42	20	--	--	147	6.4	--	55
	do	4- 9-64	27	510	--	.12	.00	5.6	2.7	6.7	.9	2	17	13	--	--	71	25	24	--	--	109	4.9	--	45
	do	9-22-64	.22	4	13	.12	--	--	--	--	--	--	19	--	--	1.1	--	--	--	--	--	148	6.3	4	61
1189.9	Groton Reservoir at Groton 3/	6-24-65	--	--	1.9	.24	.01	4.6	1.3	5.4	.8	11	9.3	7.6	.1	.4	44	17	8	--	.7	69	6.5	7	--
1190	Great Brook at Poquonock Bridge	5- 3-56	33	--	3.5	.16	.00	3.1	1.8	3.7	.7	8	8.4	5.8	.0	.4	33	15	9	--	--	53	6.1	8	56
	do	11-28-62	22	--	6.5	.21	.03	4.0	1.5	6.1	1.1	9	10	9.0	.1	.6	50	16	9	.0	.4	70	6.2	19	41
	do	4-18-63	4.9	--	6.2	.05	.10	3.1	1.4	3.5	.7	8	7.7	4.8	.2	.3	34	14	7	.0	.4	48	6.2	5	50
	do	9-24-63	.63	--	--	.46	.34	6.4	1.7	4.9	1.1	19	9.2	7.4	--	--	43	23	8	--	--	69	6.4	--	60
	do	4- 9-64	--	--	--	.12	.00	4.6	.4	4.6	.8	7	15	5.6	--	--	42	13	8	--	--	60	6.9	--	44
	do	10- 8-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	90 2/	--	--	50
1190.3	Poquonock River at Poquonock Bridge	9-24-63	--	--	--	.06	.03	329	960	9,010	333	120	2,140	16,000	--	--	30,700	4,770	4,670	--	--	37,600	7.2	--	60
1271.5	Shetucket River at Norwich	9-26-63	420 6/	--	--	.47	--	8.3	3.5	14	1.4	41	15	12	--	--	79	35	2	--	--	139	6.8	--	61
	do	4- 9-64	6,800 6/	--	--	.13	.02	5.8	1.1	4.8	1.1	8	13	7.2	--	--	44	19	12	--	--	76	6.0	--	45

Station no.	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Parts per million: Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Detergents as MBAS	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
U.S. Public Health Service drinking-water standards (recommended upper limit):					--	0.3	0.05	--	--	--	--	--	250	250	1.3 1/	45	500	--	--	0.5	5	--	--	15	--
CONNECTICUT--Continued																									
1271.6	Shetucket River at Norwich	9-26-63 4/	--	--	--	0.34	0.07	104	300	2,540	115	63	627	4,590	--	--	8,850	1,490	1,440	--	--	14,000	6.5	--	62
	do	9-26-63 5/	--	--	--	.16	.16	260	843	6,900	252	106	1,710	12,300	--	--	23,200	4,120	4,030	--	--	33,000	6.8	--	64
	do	4- 9-64 4/	--	--	--	.12	.03	6.3	1.3	5.0	1.1	12	13	7.2	--	--	47	21	11	--	--	81	6.0	--	46
1271.7	Shetucket River at Norwich	9-26-63 4/	--	--	--	.39	.05	68	142	1,310	50	52	340	2,280	--	--	4,370	753	712	--	--	7,390	6.5	--	60
	do	9-26-63 5/	--	--	--	.14	.05	330	990	8,730	347	133	2,160	15,600	--	--	29,500	4,900	4,790	--	--	40,300	6.9	--	64
	do	4- 9-64 4/	--	--	--	.14	.01	5.6	1.0	4.8	1.1	8	12	7.2	--	--	53	18	12	--	--	72	5.9	--	46
1272	Bartlett Brook near Colchester	4-10-64	54	226	--	.06	.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	52
	do	9-22-64	4.7	20	1.8	.19	--	5.1	--	3.7	--	10	10	--	--	1.2	--	--	--	--	--	58	6.3	7	60
	do	10-29-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	118 2/	--	--	54
1272.5	Deep River near Colchester	9-25-63	.71	9	--	.17	.04	6.7	1.5	4.4	1.3	8	19	6.0	--	--	54	23	16	--	--	87	6.0	--	46
	do	4-10-64	40	561	--	.05	.03	4.0	1.0	3.0	1.0	4	14	4.9	--	--	37	14	11	--	--	58	5.5	--	51
	do	9-22-64	.29	4	10	.40	--	--	--	--	--	--	12	--	--	3.8	--	--	--	--	--	82	6.1	5	59
1272.9	Yantic River at Gilman	9-25-63	6.0	9	--	.91	.08	6.6	2.5	4.2	1.9	14	14	7.6	--	.8	61	27	16	--	--	80	6.2	--	53
	do	4-10-64	205	299	--	.09	.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50
	do	9-22-64	8.6	13	3.6	.69	--	--	--	--	--	--	14	--	--	.7	--	--	--	--	--	87	6.3	14	59
	do	10-29-64	6.2	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	78 2/	--	--	53
	do	3-24-65	100	146	5.0	.04	--	5.2	.5	3.4	.8	7	10	5.2	--	.4	36	15	10	--	--	54	6.8	--	39
1273	Pease Brook at Lebanon	9-24-63	.13	2	--	.48	.15	9.9	1.1	4.2	2.0	24	12	6.0	--	--	66	29	10	--	--	87	6.4	--	47
	do	4- 9-64	30	536	--	.06	.00	6.2	1.1	2.9	.8	8	13	4.9	--	--	46	20	14	--	--	64	6.0	--	38
	do	9-22-64	.11	2	13	.66	--	--	--	--	--	--	7.4	--	--	.0	--	--	--	--	--	86	6.4	3	57
	do	10-30-64	.20	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	105 2/	--	--	51
1273.1	Pease Brook near Lebanon	9-24-63	.86	6	--	.08	.05	11	2.4	4.9	2.9	27	17	8.0	--	--	78	38	16	--	--	113	6.4	--	47
	do	4- 9-64	57	408	--	.04	.01	7.4	1.6	3.9	1.4	12	17	6.7	--	--	41	25	15	--	--	84	6.1	--	43
	do	9-22-64	.14	1	12	.21	--	--	--	--	--	--	11	--	--	1.6	--	--	--	--	--	105	7.0	5	55
	do	10-30-64	.9	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	118 2/	--	--	51
1273.5	Gardner Brook near Bozrah Street	9-25-63	.061	--	--	.11	.04	4.8	.7	4.1	1.0	7	12	6.2	--	.5	37	15	10	--	--	61	5.7	--	54
	do	4-10-64	--	--	--	.05	.00	3.4	.6	3.6	.7	3	13	5.3	--	--	43	11	8	--	--	55	5.2	--	51
	do	9-22-64	--	--	1.5	.23	--	--	--	--	--	--	7.8	--	--	1.2	41	--	--	--	--	58	6.8	4	63
	do	10-29-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	63 2/	--	--	54
1273.55	Gardner Brook near Bozrah Street	9-25-63	1.87	13	--	.05	.03	4.8	.4	4.0	1.2	11	7.8	6.0	--	.7	34	14	5	--	--	58	6.2	--	46
	do	4-10-64	57	395	--	.02	.03	4.2	1.1	3.4	.7	6	12	5.7	--	--	47	15	10	--	--	56	5.8	--	51
	do	9-22-64	.70	5	8.0	.18	--	--	--	--	--	--	13	--	--	.6	74	--	--	--	--	96	6.3	5	56
	do	10-29-64	1.0	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	80 2/	--	--	51
1273.6	Gardner Brook at Bozrah Street	9-25-63	2.42	10	--	.09	.03	8.2	1.0	4.5	1.6	16	14	7.0	--	1.1	60	25	12	--	--	85	6.3	--	48
	do	4-10-64	80	329	--	.05	.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	51
	do	9-22-64	1.07	4	6.0	.33	--	--	--	--	--	--	16	--	--	1.7	--	--	--	--	--	100	6.3	4	57
	do	10-29-64	3.2	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	90 2/	--	--	52
1273.8	Susquetonscut Brook at Lebanon	9-24-63	.27	3	--	.28	.07	13	3.0	5.8	1.9	31	28	8.2	--	--	72	45	20	--	--	119	6.7	--	46
		4- 9-64	40	415	--	.03	.00	8.4	1.2	4.3	1.8	10	17	7.3	--	--	53	26	18	--	--	88	7.0	--	39
	do	9-22-64	.095	1	13	.69	--	--	--	--	--	--	10	--	--	8.0	--	--	--	--	--	215	6.1	8	58
	do	10-30-64	1.1	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	130 2/	--	--	53
1273.9	Susquetonscut Brook at Franklin	9-24-63	1.4	6	--	.21	.00	14	1.9	7.5	4.7	33	14	16	--	--	89	43	16	--	--	151	6.5	--	48
	do	4- 9-64	84	367	--	.08	.00	8.9	1.4	4.7	1.8	12	20	8.9	--	--	63	28	18	--	--	98	6.1	--	45
	do	9-22-64	.15	1	16	.21	--	--	--	--	--	--	13	--	--	.8	--	--	--	--	--	124	6.6	4	56
	do	10-30-64	2.2	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	145 2/	--	--	53
1274	Susquetonscut Brook at Yantic	9-24-63	1.73	6	--	.11	.04	9.9	1.7	4.6	3.6	30	14	6.2	--	--	91	32	7	--	--	115	6.6	--	50
	do	4- 9-64	119	429	--	.07	.03	8.2	1.1	4.4	1.9	11	17	8.0	--	--	55	25	16	--	--	86	6.2	--	45
	do	9-22-64	.75	3	13	.16	--	--	--	--	--	--	12	--	--	3.1	--	--	--	--	--	131	6.7	3	57
	do	10-30-64	3.3	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	143 2/	--	--	54

Table 8.--Chemical analyses of water from streams, lakes, and reservoirs--Continued

Station no.	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Parts per million: Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Detergents as MBAS	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
U.S. Public Health Service drinking-water standards (recommended upper limit):					--	0.3	0.05	--	--	--	--	--	250	250	1.3 1/	45	500	--	--	0.5	5	--	--	15	--
CONNECTICUT--Continued																									
1275	Yantic River at Yantic	10- 5-54	87	54	9.0	0.36	0.00	4.9	0.9	4.0	1.7	16	7.5	4.3	0.1	1.4	55	16	3	--	--	64	7.4	33	--
	do	4-27-55	245	151	5.1	.04	.01	4.6	1.8	2.9	1.1	11	6.5	3.5	.0	1.0	38	16	7	--	--	54	6.8	30	--
	do	10- 1-57	6.3	4	5.7	.04	.02	8.4	1.1	3.9	2.3	20	9.0	7.6	.0	1.4	53	26	9	--	--	84	6.6	4	--
	do	11- 4-57	54	33	7.8	.07	.00	9.8	1.8	4.5	2.3	13	21	6.3	.1	.8	78	32	22	--	--	103	6.1	17	55
	do	12-10-57	485	299	7.8	.20	.04	9.3	1.5	3.6	1.8	8	24	5.2	.0	2.8	65	29	23	--	--	91	5.6	13	40
	do	1- 7-58	115	71	8.0	.20	.00	6.4	1.3	3.1	1.0	7	14	5.3	.1	1.2	51	22	16	--	--	69	6.3	10	35
	do	2-10-58	202	125	7.1	.14	.01	5.4	.9	3.1	1.3	7	12	5.6	.0	1.6	44	17	12	--	--	63	5.8	7	34
	do	3-11-58	255	157	6.0	.07	.01	5.4	1.6	2.6	.9	7	11	4.7	.1	1.3	38	20	15	--	--	51	6.4	7	42
	do	4-10-58	335	207	6.4	.07	.00	4.4	1.2	2.7	.7	6	12	3.8	.1	.9	36	16	11	--	--	48	6.4	10	48
	do	5-12-58	281	173	4.3	.14	.00	4.3	1.1	2.7	1.0	8	9.0	3.5	.1	.4	37	15	9	--	--	48	6.8	22	60
	do	6-10-58	40	25	6.1	.22	.00	5.2	1.2	3.2	1.3	14	7.8	4.5	.1	1.3	44	18	7	--	--	59	6.1	17	63
	do	7- 9-58	146	90	6.7	.30	.01	4.8	.8	2.8	1.1	11	7.5	4.0	.0	1.0	46	16	7	--	--	53	6.2	30	74
	do	8-12-58	22	14	6.1	.29	.01	6.6	.9	3.4	1.3	18	7.5	5.0	.1	1.2	48	20	5	--	--	67	6.9	7	73
	do	9-11-58	99	61	8.0	.31	.00	6.0	1.3	3.5	1.7	17	7.5	5.7	.2	.2	49	21	7	--	--	65	6.2	20	61
	do	11-24-63	8.3	5	--	.19	.04	9.9	2.1	5.1	2.5	20	18	8.2	--	1.5	75	33	17	--	--	101	6.3	--	50
	do	4- 9-64	671	414	--	.07	.00	6.3	1.3	3.6	1.3	8	17	6.0	--	--	58	21	14	--	--	73	5.9	--	45
1275.3	Yantic River at Norwichtown	9-26-63	8.7	5	--	.20	--	9.8	1.6	5.8	2.7	23	12	10	--	1.9	67	31	12	--	--	106	6.4	--	54
	do	4- 9-64	730	414	--	.11	.01	5.9	1.1	3.8	1.2	8	13	6.5	--	--	55	19	12	--	--	67	6.9	--	45
	do	10-30-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	110 2/	--	--	56
1275.4	Fairview Reservoir near Norwichtown 3/	6-25-65	--	--	1.0	.09	.02	4.7	1.3	4.5	1.2	8	11	7.2	.1	.3	41	17	10	--	0.3	68	6.5	2	--
1275.5	Yantic River at Norwich	9-26-63 4/	--	--	--	.30	.10	108	320	2,740	121	60	668	4,900	--	--	9,490	1,590	1,540	--	--	14,700	6.8	--	62
	do	9-26-63 5/	--	--	--	.27	.07	281	896	7,560	267	153	1,810	13,200	--	--	25,000	4,390	4,260	--	--	35,300	7.0	--	65
	do	4- 9-64 4/	--	--	--	.07	.01	6.2	.8	4.5	1.5	6	15	7.0	--	--	43	19	14	--	--	75	5.8	--	46
1275.55	Yantic River at Norwich	9-26-63 4/	--	--	--	.40	.07	135	430	3,280	135	74	785	6,070	--	--	11,600	2,110	2,050	--	--	17,700	6.5	--	62
	do	9-26-63 5/	--	--	--	.22	.05	312	977	8,350	302	130	2,020	14,700	--	--	28,000	4,800	4,690	--	--	38,500	6.9	--	65
	do	4- 9-64 4/	--	--	--	.08	.01	7.0	2.1	4.2	1.3	12	13	8.1	--	--	55	26	16	--	--	83	6.1	--	45
	do	10-30-64 4/	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	22,000 2/	--	--	58
	do	10-30-64 5/	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	40,000 2/	--	--	58
1276.8	Trading Cove Brook at Montville Center	4-10-64	22	233	--	.04	.00	4.3	.4	3.4	.7	5	12	4.8	--	--	31	12	8	--	--	52	5.9	--	44
	do	10-28-64	.29	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	109 2/	--	--	55
	do	4-16-65	26	276	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	--	--	--	--
1277	Trading Cove Brook near Thamesville	9-25-63	1.4	9	--	.20	.04	9.6	1.9	5.2	1.9	24	11	6.6	--	2.4	61	32	13	--	--	95	6.4	--	49
	do	4-10-64	36	230	--	.05	.01	5.4	.8	3.8	.8	8	12	5.3	--	--	56	17	10	--	--	63	6.1	--	45
	do	9-22-64	.06	4	11	.19	--	--	--	--	--	--	9.6	--	--	3.2	--	--	--	--	90	6.8	4	59
	do	4-16-65	40	254	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5	--	--	--	--
1277.01	Thames River at Fort Shantock State Park	9-25-63	--	--	--	.08	.15	252	810	6,780	268	101	1,560	12,200	--	--	23,600	3,960	3,880	--	--	32,900	6.9	--	64
1277.02	Shantock Brook at Fort Shantock State Park	9-25-63	--	--	--	.03	.08	13	5.0	8.8	1.6	31	14	24	--	--	81	53	28	--	--	137	6.7	--	52
	do	4- 9-64	--	--	--	.02	.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	41
	do	10-28-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	152 2/	--	--	51
1277.03	Shantock Pond at Fort Shantock State Park	9-25-63	--	--	--	.03	.05	11	2.6	8.4	1.8	18	23	14	--	--	66	38	23	--	--	125	6.4	--	62
1277.2	Indiantown Brook near Shawville	9-24-63	6.1	52	--	.21	.00	5.0	1.1	3.4	1.2	14	10	4.2	--	--	46	17	6	--	--	55	6.1	--	54
	do	4- 9-64	54	459	--	.03	.00	5.0	1.6	3.3	.9	8	13	4.4	--	--	52	19	12	--	--	63	5.9	--	46
	do	7-15-64	--	--	--	.27	--	8.8	--	--	--	--	--	--	--	.2	--	27	--	--	--	84	7.3	20	78
	do	7-24-64	1.72	15	--	.33	--	--	--	--	--	--	--	--	--	.2	--	--	--	--	--	87	6.4	20	67
	do	7-30-64	1.0	8	--	.27	--	--	--	--	--	--	9.6	--	--	.2	65	--	--	--	--	95	7.1	8	75
	do	9-22-64	4.15	35	3.4	.34	--	--	--	--	--	--	8.0	--	--	.7	--	--	--	--	--	59	6.2	20	60
	do	10- 8-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	86 2/	--	--	50
1277.21	Cedar Swamp near Shawville	7-24-64	--	--	--	1.2	--	--	--	--	--	--	--	--	--	.3	--	--	--	--	--	106	5.4	58	--
	do	7-30-64	--	--	--	.46	--	--	--	--	--	--	--	--	--	.5	--	--	--	--	--	166	6.4	188	--

Table 8.--Chemical analyses of water from streams, lakes, and reservoirs--Continued

Station no.	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Parts per million: Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Detergents as MBAS	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
U.S. Public Health Service drinking-water standards (recommended upper limit):					--	0.3	0.05	--	--	--	--	--	250	250	1.3 1/	45	500	--	--	0.5	5	--	--	15	--
CONNECTICUT--Continued																									
1277.22	East Tributary to Cedar Swamp near Shewville	7-24-64	0.015	--	--	2.1	--	--	--	--	--	--	--	--	--	0.2	--	--	--	--	--	72	6.4	29	--
	do	7-30-64	--	--	--	1.6	--	--	--	--	--	--	--	--	--	.4	--	--	--	--	--	79	5.9	23	73
1277.23	South Tributary to Cedar Swamp near Shewville	7-24-64	.056	--	--	.45	--	--	--	--	--	--	--	--	--	.2	--	--	--	--	--	83	6.6	18	--
	do	7-30-64	--	--	--	.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	59 2/	--	--	69
1277.235	Indiantown Brook near Shewville	7-24-64	--	--	--	.48	--	--	--	--	--	--	--	--	--	.3	--	--	--	--	--	103	6.7	34	--
	do	7-30-64	--	--	--	.57	--	--	--	--	--	--	--	--	--	.3	--	--	--	--	--	144	6.7	41	--
1277.24	Indiantown Brook at Shewville	7-24-64	2.94	--	--	.52	--	--	--	--	--	--	--	--	--	.4	--	--	--	--	--	100	6.5	29	--
	do	7-30-64	--	--	--	.36	--	--	--	--	--	--	--	--	--	.4	--	--	--	--	--	119	6.6	32	75
	do	10- 8-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	95 2/	--	--	49
1277.25	Shewville Brook at Shewville	9-24-63	7.8	37	--	.24	0.00	5.6	2.0	3.4	1.1	11	12	4.6	--	--	--	22	13	--	--	68	6.0	--	54
	do	4- 9-64	108	513	--	.09	.01	4.3	1.1	3.2	.7	7	15	4.4	--	--	42	15	10	--	--	58	6.4	--	46
	do	7-15-64	1.45	7	--	.44	--	6.8	--	--	--	--	--	--	--	.4	--	24	--	--	--	72	6.2	110	68
	do	7-24-64	2.3	11	--	.57	--	--	--	--	--	--	--	--	--	.3	--	--	--	--	--	114	6.7	39	--
	do	7-30-64	2.50	12	--	.36	--	--	--	--	--	--	11	--	--	.6	81	--	--	--	--	99	6.5	29	73
	do	9-22-64	--	--	3.6	.32	--	--	--	--	--	--	9.2	--	--	1.1	--	--	--	--	--	63	6.1	18	59
	do	10- 8-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	95 2/	--	--	48
1277.27	Hewitt Brook near Poquetanuck	10- 8-64	--	--	--	.20	--	21	6.2	7.3	6.8	--	59	--	--	--	--	78	--	--	--	225	6.1	--	44
1277.3	Crowley Brook at Poquetanuck	9-24-63	.27	7	--	.12	.03	16	5.4	6.6	2.3	36	24	14	--	6.7	109	62	33	--	--	154	6.5	--	50
	do	4- 9-64	16	397	--	.06	.03	8.9	1.9	5.0	1.8	12	22	9.2	--	--	79	30	20	--	--	106	6.1	--	45
	do	7-15-64	.26	6	--	.39	--	--	--	--	--	--	--	--	--	2.0	--	--	--	--	--	172	6.7	7	68
	do	7-24-64	.49	12	--	.29	--	--	--	--	--	--	--	--	--	1.4	--	--	--	--	--	190	6.8	12	--
	do	7-30-64	.30	7	--	.32	--	--	--	--	--	--	--	--	--	1.4	--	--	--	--	--	175	7.0	13	67
	do	9-22-64	.13	3	15	.15	--	--	--	--	--	--	19	--	--	7.8	--	--	--	--	--	188	6.6	3	57
	do	10- 8-64	.206	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	180 2/	--	--	45
1277.31	Halls Brook at Poquetanuck	9-24-63	--	--	--	.16	.08	6.6	1.9	4.8	1.0	16	14	7.6	--	--	59	25	12	--	--	86	6.2	--	54
	do	4- 9-64	--	--	--	.10	.01	4.9	1.2	3.4	1.0	7	12	5.2	--	--	46	17	12	--	--	61	6.4	--	46
	do	10- 8-64	4.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	115 2/	--	--	48
1277.32	Poquetanuck Cove at Happyland	9-24-63 4/	--	--	--	.16	.05	254	820	6,820	263	97	1,590	12,400	--	--	23,500	4,010	3,930	--	--	33,300	6.8	--	60
	do	9-24-63 5/	--	--	--	.31	.05	293	923	7,870	305	103	1,910	13,700	--	--	26,100	4,530	4,450	--	--	36,400	6.8	--	62
1277.34	Billings Avery Brook near Ledyard	9-24-63	--	--	--	.21	.05	9.3	2.4	4.8	1.2	20	11	7.6	--	5.5	63	33	17	--	--	97	6.3	--	49
	do	4- 9-64	--	--	--	.14	.00	3.2	.7	3.4	.6	4	9.6	4.0	--	--	38	11	8	--	--	49	5.4	--	44
	do	9-22-64	--	--	15	.30	--	--	--	--	--	--	7.6	--	--	1.2	--	--	--	--	--	74	6.3	12	57
	do	10-12-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	97 2/	--	--	48
1277.35	Billings Avery Brook near Poquetanuck	9-24-63	--	--	--	.32	.07	52	150	1,200	50	32	414	2,210	--	--	4,220	747	721	--	--	7,160	6.5	--	56
	do	4- 9-64	17	341	--	.12	.00	3.6	1.0	3.6	.6	3	11	5.9	--	--	50	13	10	--	--	60	5.2	--	44
1277.36	Thames River at Massapeag	9-25-63	--	--	--	.11	.11	239	740	6,180	243	95	1,490	11,500	--	--	21,900	3,640	3,560	--	--	31,000	6.9	--	66

Table 8.--Chemical analyses of water from streams, lakes, and reservoirs--Continued

Station no.	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Parts per million: Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Detergents as MBAS	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
U.S. Public Health Service drinking-water standards (recommended upper limit):					--	0.3	0.05	--	--	--	--	--	250	250	1.3 1/	45	500	--	--	0.5	5	--	--	15	--
CONNECTICUT--Continued																									
1277.4	Stony Brook near Uncasville	9-24-63	1.18	9	--	0.06	0.08	9.6	2.2	7.4	1.5	23	11	12	--	5.8	72	33	14	--	--	108	6.6	--	50
	do	4- 9-64	60	464	--	.02	.03	5.5	1.1	22	1.3	9	33	19	--	--	108	18	10	--	--	162	6.4	--	43
	do	9-22-64	4.1	32	9.8	.19	--	--	--	--	--	--	12	--	--	1.2	--	--	--	--	--	114	6.6	3	68
	do	10-28-64	4.1	32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	132 2/	--	--	55
	do	4-16-65	40	309	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5	--	--	--	--
1277.45	Oxoboxo Brook near Oakdale	9-25-63	2.75	40	--	.10	.04	3.8	.4	4.4	.9	6	9.8	3.0	--	--	37	11	6	--	--	55	6.1	--	58
	do	9-10-64	23	342	--	.19	.00	4.0	.5	3.1	.6	4	10	4.0	--	--	29	12	9	--	--	51	5.9	--	50
	do	9-22-64	4.65	68	3.5	.31	--	4.8	1.8	--	--	--	12	5.6	--	.4	50	20	--	--	--	68	5.8	7	65
	do	10-28-64	3.2	47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	52 2/	--	--	54
1277.5	Oxoboxo Brook at Montville	7- 9-63	4.0	22	--	--	--	6.4	1.0	10	1.9	14	18	8.6	--	4.0	71	20	9	--	40	107	6.7	--	--
	do	9-25-63	6.85	37	--	.72	.14	26	.3	14	1.9	28	54	6.8	--	9.7	168	66	43	--	--	232	5.5	--	58
	do	4-10-64	67	365	--	.16	.00	5.0	.4	6.6	.7	8	12	8.0	--	--	44	14	8	--	--	75	5.9	--	48
	do	9-22-64	6.4	35	6.6	.71	--	--	--	--	--	--	19	--	--	.6	--	--	--	--	--	152	6.4	--	65
	do	10-28-64	7.7	42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	90 2/	--	--	56
1277.501	Oxoboxo Brook near Uncasville	9-24-63	--	--	--	.69	.05	16	2.9	8.7	1.3	22	40	10	--	--	102	52	34	--	--	154	6.2	--	62
1277.502	Oxoboxo Brook at Uncasville	9-25-63	--	--	--	.47	.19	16	1.5	9.7	1.4	26	33	9.8	--	--	104	46	25	--	--	164	6.3	--	56
	do	4-10-64	--	--	--	.14	.03	6.1	1.2	6.1	1.0	1	25	8.8	--	--	69	20	19	--	--	104	4.6	--	48
	do	10-28-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	110 2/	--	--	52
1277.51	Thames River at Gales Ferry	9-26-63	--	--	--	.13	.08	281	940	7,480	278	107	1,740	13,400	--	--	25,600	4,570	4,480	--	--	35,700	6.9	--	62
1277.52	Deep Hollow Brook at Four Corners	7-16-64	--	--	--	--	--	5.2	3.4	4.0	1.5	23	7.2	6.0	--	.9	54	27	8	--	--	81	6.5	--	74
	do	7-30-64	--	--	--	--	--	4.0	1.9	3.2	1.5	22	4.8	3.2	--	1.2	62	18	0	--	--	63	6.4	--	83
	do	10-27-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	66 2/	--	--	57
1277.53	Tributary of Deep Hollow Brook at Four Corners	4-10-64	--	--	--	--	--	--	--	--	--	--	3.6	--	--	--	--	--	--	--	--	55	5.1	--	48
	do	7-16-64	--	--	--	--	--	5.6	--	--	--	--	17	--	--	--	--	24	--	--	--	78	5.7	--	--
	do	7-30-64	--	--	--	--	--	3.9	1.1	5.1	2.9	12	10	5.0	--	2.1	64	14	4	--	--	67	7.1	--	67
1277.535	Tributary to tributary of Deep Hollow Brook at Four Corners	4-10-64	--	--	--	--	--	--	--	--	--	--	424	--	--	--	--	--	--	--	--	3,820	4.6	--	--
	do	7-16-64	--	--	--	--	--	224	--	--	--	--	703	--	--	--	--	1,040	--	--	--	4,880	6.3	--	--
	do	7-30-64	--	--	--	--	--	261	153	800	56	8	1,060	1,450	--	2.0	4,110	1,280	1,270	--	--	5,880	5.7	--	71
1277.54	Tributary to Deep Hollow Brook at Four Corners	4-10-64	--	--	--	--	--	--	--	--	--	--	4.0	--	--	--	--	--	--	--	--	770	3.9	--	52
	do	7-16-64	--	--	--	--	--	222	--	--	--	--	687	--	--	--	--	1,040	--	--	--	4,730	5.2	--	--
	do	7-30-64	--	--	--	--	--	188	80	450	39	10	440	944	--	1.5	2,410	800	--	--	--	3,700	5.8	--	--
1277.55	Deep Hollow Brook at Four Corners	7-16-64	--	--	--	--	--	5.2	--	--	--	--	8.9	--	--	--	--	15	--	--	--	70	6.0	--	--
1277.56	Deep Hollow Brook near Four Corners	7-16-64	--	--	--	--	--	4.2	--	--	--	--	8.5	--	--	--	--	14	--	--	--	76	6.1	--	--
	do	7-30-64	--	--	--	--	--	4.8	2.4	4.2	.9	8	7.2	75	--	2.5	64	22	16	--	--	68	5.7	--	71

Table 8.--Chemical analyses of water from streams, lakes, and reservoirs--Continued

Station no.	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Parts per million: Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfide (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Detergents as MBAS	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
U.S. Public Health Service drinking-water standards (recommended upper limits):					--	0.3	0.05	--	--	--	--	--	250	250	1.3 1/	45	500	--	--	0.5	5	--	--	15	--
CONNECTICUT--Continued																									
1277.57	Hunts Brook near Four Corners	7-16-64	--	--	--	--	--	4.9	2.9	4.5	0.7	8	11	9.0	--	1.0	56	24	18	--	--	87	6.0	--	76
	do	10-27-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	98 2/	--	--	52
1277.59	Hunts Brook at Quaker Hill	9- 2-64	--	--	--	1.1	--	5.5	2.6	2.6	--	11	--	11	--	--	33	24	15	--	--	97	6.1	--	66
	do	9- 2-64	--	--	--	.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	99	6.4	--	70
	do	10-27-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	120 2/	--	--	58
1277.6	Hunts Brook at Quaker Hill	9-25-63	0.70	3	--	.09	0.05	5.4	1.2	6.0	1.2	14	9.2	10	--	--	49	19	7	--	--	86	6.2	--	56
	do	4- 9-64	100	481	--	.05	.03	4.4	1.5	4.5	.6	4	14	8.3	--	--	53	17	14	--	--	73	5.7	--	43
	do	7-16-64	4.0	20	--	--	--	5.8	1.8	6.0	1.1	11	13	8.8	--	1.1	60	22	13	--	--	100	7.0	--	76
	do	9-22-64	.80	4	5.4	.16	--	20	4.9	--	--	--	62	--	--	.5	138	70	--	--	--	217	5.6	2	61
	do	10-27-64	3.4	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	128 2/	--	--	53
1277.68	Thames River at Groton	9-24-63	--	--	--	.06	.05	328	1,000	9,020	336	123	1,970	15,800	--	--	30,300	4,940	4,830	--	--	37,300	7.1	--	62
1277.69	Unnamed Pond near Jordan	10-29-64	--	--	--	.27	--	48	13	14	--	--	--	--	--	--	--	175	--	--	--	432	5.4	--	52
1277.7	Jordan Brook at Waterford	9-25-63	.40	6	--	.29	.03	9.6	1.6	8.6	1.6	24	15	12	--	--	88	31	11	--	--	116	6.7	--	55
	do	4-10-64	67	--	--	.17	.00	5.4	.9	8.1	1.2	5	13	12	--	--	59	17	13	--	--	90	5.9	--	48
	do	9-22-64	.97	15	5.4	.69	--	--	--	--	--	--	23	20	--	5.1	--	--	--	--	--	164	5.8	3	63
	do	10-27-64	3.5	55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	155 2/	--	--	52
1277.8	Latimer Brook at Chesterfield	9-25-63	2.6	15	--	.11	.08	5.3	1.1	4.0	.9	15	9.0	4.8	--	--	46	18	5	--	--	62	6.4	--	54
	do	4-10-64	43	256	--	.08	.00	4.3	.6	3.2	.6	8	9.6	3.2	--	--	31	13	7	--	--	51	6.1	--	48
	do	9-22-64	1.45	9	--	.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	62
	do	10-26-64	1.9	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	78 2/	--	--	53
1277.9	Latimer Brook at East Lyme	11-28-62	25	77	7.9	.08	.03	3.6	2.2	4.1	.8	9	9.9	5.7	0.1	.4	43	18	11	0.0	0.7	55	6.3	9	37
	do	4-17-63	--	--	6.5	.09	.05	3.4	1.3	3.9	.7	10	7.3	5.0	.1	.6	35	14	6	.0	.4	52	6.5	5	50
	do	9-25-63	4.4	14	--	.08	.03	5.6	1.2	4.7	1.2	8	18	5.4	--	--	66	19	13	--	--	88	5.8	--	51
	do	4-10-64	66	203	--	.09	.00	3.7	1.2	3.7	.6	10	11	4.0	--	--	35	14	6	--	--	53	6.0	--	46
	do	9-22-64	3.65	11	7.7	.17	--	--	--	--	--	14	22	--	--	1.0	--	--	--	--	--	106	6.4	5	60
	do	10-26-64	3.4	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	86 2/	--	--	49
	do	4-16-65	160	492	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	--	--	--	--
1277.915	Niantic River near East Lyme	9-25-63	--	--	--	.08	.01	297	830	7,940	281	104	1,870	13,800	--	--	27,100	4,160	4,070	--	--	37,000	6.9	--	65
1277.916	Niantic River at Niantic	9-25-63	--	--	--	.04	.01	350	1,100	9,270	352	128	2,090	16,800	--	--	32,300	5,400	5,300	--	--	44,000	7.2	--	61
1277.95	Potaquanset River at Niantic	9-25-63	1.3	9	--	.19	.01	8.0	2.8	16	2.3	20	15	26	--	--	101	32	15	--	--	168	6.1	--	56
	do	4-10-64	53	378	--	.14	.00	4.0	1.0	5.0	1.0	7	10	6.6	--	--	37	14	9	--	--	62	6.5	--	49
	do	9-22-64	1.5	7	10	.25	--	6.6	2.0	13	--	20	11	20	--	1.4	--	25	8	--	--	132	6.6	2	63
	do	10-26-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	109 2/	--	--	52
1277.96	Bride Lake near Niantic	9-25-63	--	--	--	.11	.05	7.5	3.8	8.4	1.2	17	17	16	--	--	70	34	20	--	--	103	6.5	--	64
1277.97	Bride Lake Brook near Niantic	4-10-64	--	--	--	.16	.00	5.4	1.8	7.8	1.2	8	13	13	--	--	56	21	15	--	--	94	6.8	--	49
	do	10-26-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	160 2/	--	--	54
1277.98	Long Island Sound near Niantic	9-25-63	--	--	--	.15	.07	347	1,130	9,670	357	124	2,250	16,900	--	--	32,100	5,510	5,420	--	--	43,200	7.2	--	62

Table 8.--Chemical analyses of water from streams, lakes, and reservoirs--Continued

Station no.	Stream, lake, or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of average discharge (%)	Parts per million: Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium magnesium	Hardness as $CaCO_3$: Noncarbonate	Detergents as MBAS	Turbidity	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
U.S. Public Health Service drinking-water standards (recommended upper limit):					--	0.3	0.05	--	--	--	--	--	250	250	1.3 1/	45	500	--	--	0.5	5	--	--	15	--
CONNECTICUT--Continued																									
1278	Fourmile River near East Lyme	9-25-63	0.33	4	--	0.16	0.03	7.7	1.2	5.5	1.5	21	5.8	5.4	--	6.1	72	24	7	--	--	84	6.8	--	51
	do	4-10-64	27	331	--	.09	.00	3.7	.7	3.4	.5	6	12	3.2	--	--	44	12	7	--	--	52	6.0	--	46
	do	9-22-64	.15	2	14	.32	--	--	--	--	--	--	21	--	--	3.3	--	--	--	--	--	124	5.8	14	65
	do	10-26-64	1.3	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	122 2/	--	--	47
	do	4-16-65	35	429	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	--	--	--	--

1/ Recommended lower limit - 0.8 ppm; optimum - 1.10 ppm.

2/ Field specific conductance.

3/ Public water supply.

4/ Sample collected 1 foot below water surface.

5/ Sample collected 1 foot off bottom of streambed.

6/ Estimated.

Table 9.--Analyses of suspended-sediment and turbidity at miscellaneous stream-gaging stations

Index no. (Pl. A)	Source and location	Date of collection	Instantaneous flow (cfs)	Percent of time flow is equaled or exceeded	Sediment concentration (ppm)	Measured load (tons/day) 1/	Turbidity (as ppm SiO_2)
1183	Pendleton Hill Brook near Clarks Falls	4-16-65	45	1	2	0.2	20
1184	Shunock River near North Stonington	4-16-65	78	9	22	4.6	13
1187	Whitford Brook at Old Mystic	4-16-65	62	8	3	.5	0
1276.8	Trading Cove Brook at Montville Center	4-16-65	24	7	8	.5	5
	do	4-16-65	26	6	8	.6	7
1277	Trading Cove Brook near Thamesville	4-16-65	40	7	10	1.1	5
1277.4	Stony Brook near Uncasville	4-16-65	40	5	18	1.9	5
1277.9	Latimer Brook at East Lyme	4-16-65	160	1	12	5.1	7
1278	Fourmile River near East Lyme	4-16-65	35	2	2	.2	7

1/ The tons of suspended sediment that would have been carried past each station during one day if the discharge and concentrations shown had remained the same throughout the day.

Table 10.--Chemical analyses of precipitation samples

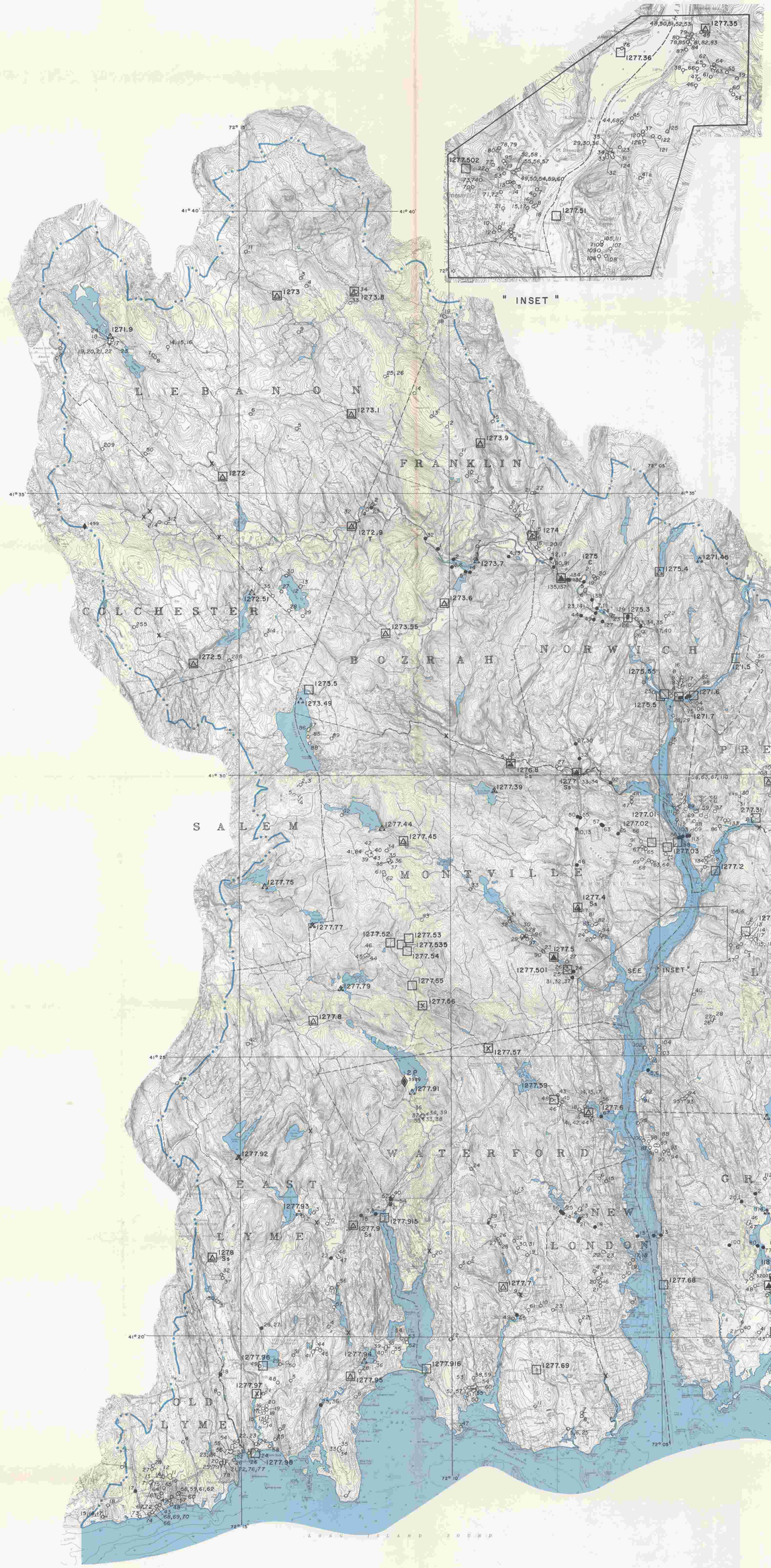
Date of collection	Amount of precipitation (inches)	Parts per million								Hardness as $CaCO_3$		Specific conductance (micromhos at 25°C)	pH
		Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Dissolved solids (residue on evaporation at 180°C)	Calcium magnesium	Non-carbonate		
Site 1P - Collection site on Indiantown Road, 3.1 miles northeast of Ledyard Center, Connecticut													
8-18-64 & 8-19-64	0.50	0.8	0.1	0.2	0.2	0	6.8	0.0	10	2	2	73	3.85
9-11-64 & 9-12-64	.99	1.2	.0	.4	.1	0	6.4	.0	13	3	3	61	3.98
9-29-64 & 9-30-64	1.20	.6	.2	.1	.1	0	.4	.0	8	2	2	13	4.7
10- 2-64 & 10- 3-64	.60	.6	.1	.3	1.1	2	1.0	.0	7	2	0	12	5.1
10-17-64 & 10-18-64	.76	.8	.1	1.0	.8	1	1.8	.3	7	2	2	17	4.7
11-19-64	.56	1.4	.4	1.0	.6	0	2.2	.6	13	5	5	24	4.48
11-25-64 & 11-26-64	1.85	.6	.1	1.1	.6	1	.2	.6	8	2	1	14	5.0
Site 2P - Collection site at New London Water Department pumping station, 2.1 miles southeast of Chesterfield, Connecticut (U.S. Weather Bureau index no. 3989)													
8-12-64 & 8-13-64	.30	4.0	1.5	1.9	.4	6	7.2	.2	--	16	11	35	6.3
8-18-64 & 8-19-64	.28	9.0	3.2	--	--	7	17	.0	--	36	30	69	6.2
8-26-64 & 8-27-64	.35	7.8	3.2	.6	.3	6	16	.0	--	24	18	61	6.2
10-17-64 & 10-18-64	1.15	2.8	1.8	.8	.3	5	4.0	.0	11	14	10	21	6.2
10-20-64 & 10-21-64	1.13	1.7	1.2	.4	.3	3	3.0	.0	8	9	6	13	6.2
10-25-64 & 10-26-64	.82	5.6	3.0	1.2	.3	4	13	.0	30	26	24	52	6.0
12-20-64 & 12-21-64	.32	3.8	1.5	.7	.4	4	7.8	.0	--	16	12	27	5.9
Site 3P - Collection site at University of Connecticut Marine Biological Laboratory, Noank, Connecticut													
7- 8-63	.19	--	--	--	--	0	--	.0	--	--	--	127	4.6
7-20-63	.89	1.9	.2	.7	3.4	0	11	.2	20	6	--	66	4.1
7-30-63	1.35	.8	.0	1.7	--	--	5.2	1.0	13	2	--	35	4.5
8- 1-63 & 8- 2-63	.34	1.3	.1	--	--	0	--	.3	--	3	--	43	4.4
8-14-63	.45	1.9	.2	--	--	0	--	5.0	--	4	--	44	4.5
8-18-63	.36	1.3	.3	--	--	0	--	1.6	--	2	--	51	4.3
8-20-63	.90	16	--	1.2	1.7	34	8.6	8.0	75	38	--	82	7.2
9-13-63	.22	--	--	--	--	3	--	.0	--	--	--	95	5.8

Table 10.--Chemical analyses of precip...con samples--Continued

Date of collection	Amount of precipitation (inches)	Chemical analyses in parts per million: Parts per million: Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Non-carbonate	Specific conductance (micromhos at 25°C)	pH
Site 3P - Collection site at University of Connecticut Marine Biological Laboratory, Noank, Connecticut--Continued													
9-29-63	1.4	1.6	0.0	3.3	1.8	0	6.7	5.0	17	4	--	52	4.4
11- 8-63	2	1.6	.0	6.4	.3	0	4.0	12	24	4	4	71	3.80
11-23-63	.65	.8	.5	6.4	.2	0	3.0	12	22	4	4	50	4.05
6-30-64	.50	1.6	.1	2.2	.4	0	7.4	2.0	20	4	4	64	4.00
8-18-64 & 8-19-64	.63	.7	.1	2.1	.2	0	6.2	1.5	--	2	2	56	4.10
8-21-64 & 8-22-64	.34	.8	.1	1.9	.2	0	9.6	1.7	20	2	2	86	3.85
8-31-64 & 9- 1-64	.18	2.2	.6	3.5	.4	5	4.4	3.4	--	8	4	35	6.1
9- 9-64 & 9-10-64	.09	2.5	.5	5.3	.7	0	21	4.4	46	8	8	206	3.48
9-14-64	.50	.8	.1	2.6	.3	2	2.4	1.9	11	2	1	26	4.9
9-22-64 & 9-23-64	.33	7.6	2.6	3.2	.5	5	15	4.0	--	30	26	73	6.2
9-29-64 & 9-30-64	1.64	.8	.1	3.0	.3	1	3.2	2.0	13	2	2	28	4.8
10- 2-64 & 10- 3-64	.58	1.1	.3	4.1	.5	1	4.2	3.0	18	4	2	34	4.8
10-17-64 & 10-18-64	1.09	.9	.2	4.7	.5	2	2.2	5.0	22	3	2	32	5.0
11-16-64 & 11-17-64	.2	6.0	1.8	18	3.2	0	29	7.0	--	22	22	240	3.79
11-19-64 & 11-20-64	.10	1.2	1.0	9.0	.6	0	6.2	7.0	35	7	7	95	4.21
11-25-64 & 11-26-64	1.36	1.6	2.6	20	1.2	4	7.0	32	--	14	12	132	6.1

UNITED STATES GEOLOGICAL SURVEY

BULLETIN NOS. 15 & 16 PLATE A
CONNECTICUT WATER RESOURCES COMMISSION



E X P L A N A T I O N

DRAINAGE BASIN DIVIDE

POINTS OF PRECIPITATION OBSERVATION

♦1499
MEASUREMENT STATION
Selected stations of the U.S. Weather Bureau. Index numbers are those used in U.S. Weather Bureau publications.

◊2P
QUALITY SITE
Sites have been assigned an index number for use in this report.

POINTS OF SURFACE-WATER OBSERVATION

▲1275
CONTINUOUS-RECORD STREAM-GAGING STATION

△1272.9
PARTIAL-RECORD STREAM-GAGING STATION

△1277.91
LAKE, POND, OR RESERVOIR GAGING STATION

X
SUPPLEMENTAL-RECORD STREAM-GAGING STATION

□1182.8
Ss,T
WATER-QUALITY SITE
Site with one or more chemical analyses or with field specific conductance measurement.
Ss—Turbidity or suspended sediment analyses.
T—Daily temperature measurements made for a period of one year.
Index numbers are those used in U.S. Geological Survey publications.

POINTS OF GROUND-WATER OBSERVATION

CONTINUOUS OR PERIODIC WATER-LEVEL MEASUREMENTS AVAILABLE
CHEMICAL ANALYSIS AVAILABLE
GEOLOGIC LOG AVAILABLE
WATER WELL

TEST HOLE
Logs are available for all test holes.
CHEMICAL ANALYSIS AVAILABLE

SPRING
Index numbers are those used in U.S. Geological Survey publications. Wells, test holes, and springs are each numbered serially within each town.

N

SCALE 1:48000
1 0 2 Miles
CONTOUR INTERVAL 10 FEET Datum is mean sea level

INSET SCALE 1:24000
1 ½ 0 1 MILE

BASE BY U.S. GEOLOGICAL SURVEY

COLLECTION SITES FOR WATER RESOURCES DATA IN THE LOWER THAMES AND SOUTHEASTERN COASTAL RIVER BASINS