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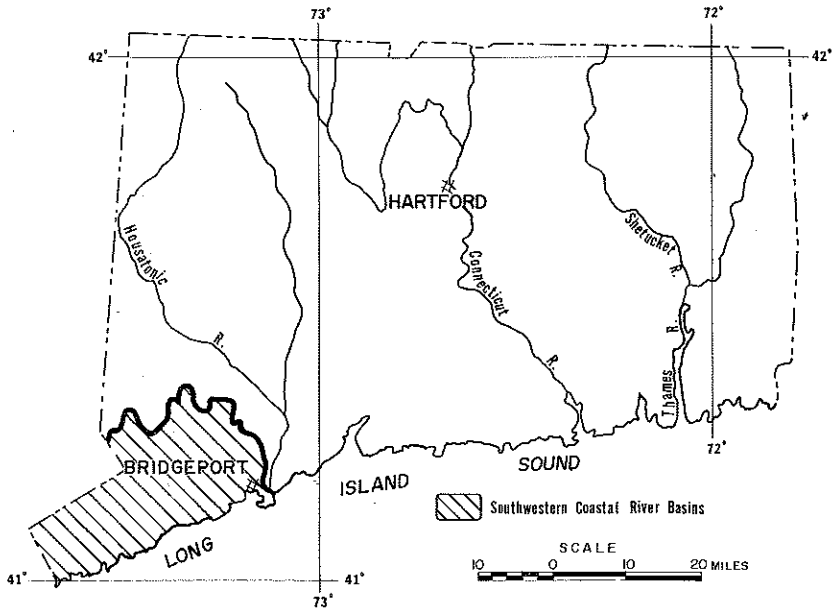
HYDROGEOLOGIC DATA FOR THE SOUTHWESTERN COASTAL RIVER BASINS, CONNECTICUT

By

Mendall P. Thomas, Robert B. Ryder
and
Chester E. Thomas, Jr.

U.S. Geological Survey



Prepared by the
U. S. GEOLOGICAL SURVEY
in cooperation with the
CONNECTICUT WATER RESOURCES COMMISSION

CONNECTICUT WATER RESOURCES BULLETIN NO. 18

1969

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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 southwestern coastal river basins of Connecticut in cooperation with the Connecticut Water Resources Commission. These basins occupy about 394 square miles in Connecticut and 46 square miles in New York, including the towns of Greenwich, Stamford, Darien, New Canaan, Norwalk, Wilton, Westport, Weston, Fairfield, Easton, and Bridgeport and parts of Danbury, Ridgefield, Redding, Bethel, Newtown, Trumbull, Monroe, Shelton, and Stratford. A companion interpretive report evaluating the water resources of the basins will be published as Connecticut Water Resources Bulletin No. 17. 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 during the period July 1963 through November 1966. Streamflow records from continuous-record gaging stations in the basins 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 most of those made as part of this investigation, are published in Connecticut Water Resources Bulletins No. 7 and No. 13. Most other data collected during this investigation are tabulated on the following pages. Included are some well records and chemical analyses of water samples collected prior to July 1963 and not previously published.

The locations of sites at which data were collected are shown on plate A in the pocket at the back of the report. Data presented, unless otherwise noted, were collected by U.S. Geological Survey personnel.

PRESENTATION OF GROUND-WATER DATA

Most of the data contained on tables 1 through 8 and figure 2 were collected during the period 1963-66. The data include records of 391 wells, graphical logs of 144 wells and 319 test holes, laboratory analyses of the grain size of 39 samples of stratified drift and data from 5 pumping tests. These data are being published in this form as a supplement to the companion report.

WELL- AND TEST HOLE-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; prefix letters are used to designate the town name and suffix letters "th" indicate test holes. In the tables of this report, wells and test holes are arranged alphabetically by town name and in order by serial number within each town. On plate A, only a 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 and the suffix letters "th" were omitted because separate symbols are used for wells and test holes.

To aid in locating wells and test holes 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 degrees, minutes, and seconds of latitude at the site of a well or test hole, followed by a letter N to indicate the latitude is north of the equator; the next 6 digits are degrees, minutes, and seconds of longitude. These digits define a tract of land having dimensions of one second of latitude or longitude, or approximately 100 x 75 feet. The last digit, following the decimal place, indicates whether the well or test hole referred to is the 1st, 2nd, 3rd, etc. inventoried within this 1-second rectangle. The use of this system is illustrated on figure 1 for well Bp 15. A 5-minute grid is printed on plate A to provide a basis for scaling the locations of wells and test holes.

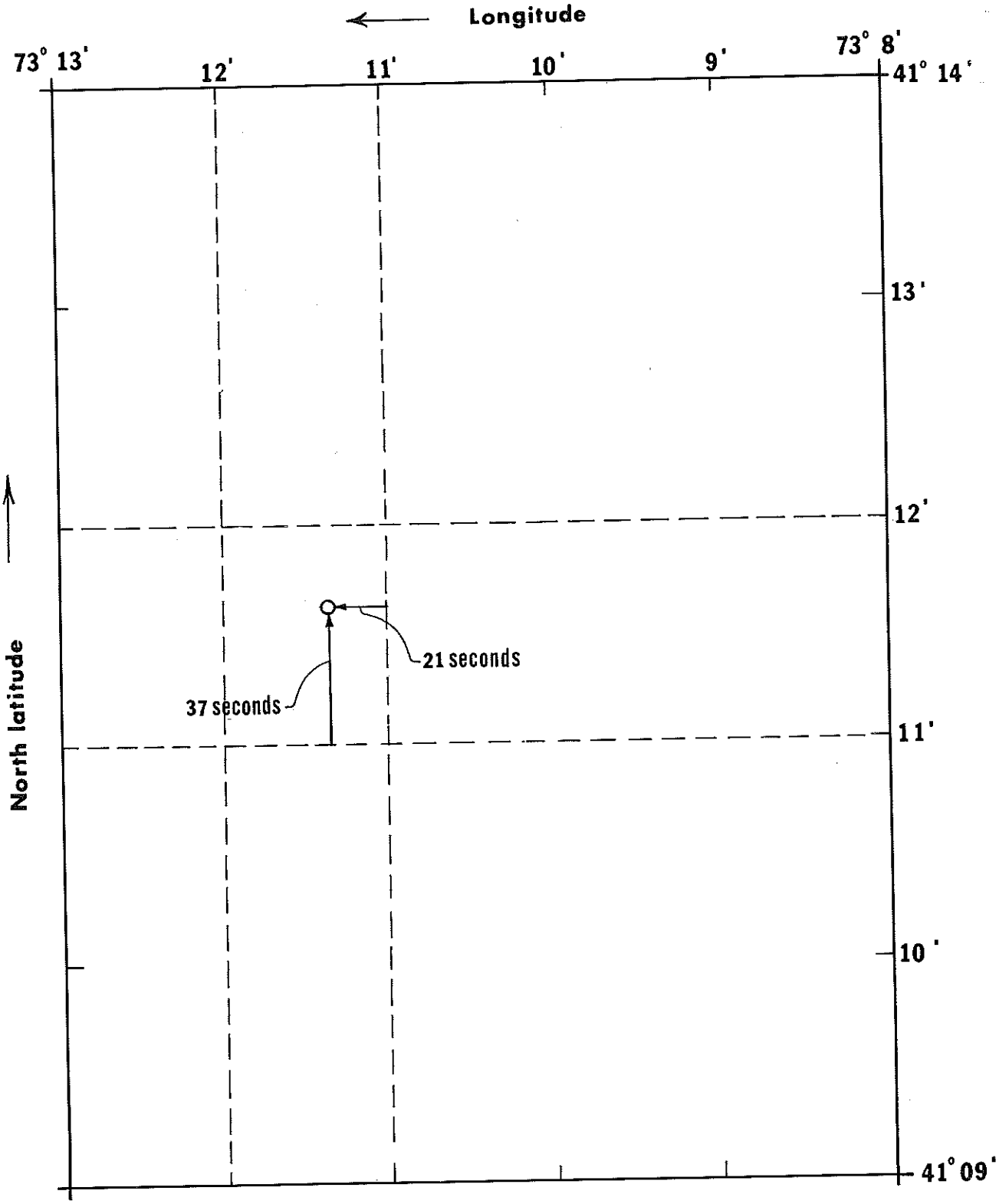

Figure 1- Sketch illustrating location of well Bp 15 (table 1).
The location number is **411137N731121.1**

PRESENTATION OF SURFACE-WATER DATA

Partial records of streamflow were collected at 19 gaging stations within the report area. At these gaging stations, from 1 to 18 discharge measurements and from 1 to 40 stage measurements were made during the period September 1960 - September 1965. From stage-discharge relationships based upon the discharge measurements, discharges were determined corresponding to the stages measured. Table 5 presents the complete list of discharge determinations for all partial-record gaging stations.

NUMBERING SYSTEM FOR STATIONS ON STREAMS

An identification 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 identification 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 on tables 6 through 8 in this report were made by the U.S. Geological Survey at the laboratory in Albany, New York. 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, dissolved solids, MBAS, and turbidity are reported in parts per million. MBAS refers to ABS (alkyl benzene sulfonate) and LAS (linear alkylate sulfonate) which are the principal ingredients of household detergents. The dissolved-solids concentrations shown on 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 of 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.

The rate of flow at the time a sample was collected from a stream-gaging site and the percent of time this flow was equaled or exceeded are given with the chemical 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 2 and the numbering system for surface-water stations explained on page 4.

SELECTED REFERENCES

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

Brown, J. S., 1925, A study of coastal ground water with special reference to Connecticut: U.S. Geol. Survey Water-Supply Paper 537, 101 p.

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.

Gregory, H. E. and Ellis, E. E., 1916, Ground water in the Hartford, Stamford, Salisbury, Willimantic, and Saybrook areas, Connecticut: U.S. Geol. Survey Water-Supply Paper 374, 150 p.

Hem, J. D., 1959, Study and interpretation of the chemical characteristics of natural water: U.S. Geol. Survey Water-Supply Paper 1473, 269 p.

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Meikle, R. L., 1967, Ground-water levels in Connecticut, 1965-1966: Connecticut Water Resources Bull. No. 13, 16 p.

Meinzer, O. E., 1923, Outline of ground-water hydrology, with definitions: U.S. Geol. Survey Water-Supply Paper 494, 71 p.

Palmer, H. S., 1920, Ground water in the Norwalk, Suffield, and Glastonbury areas, Connecticut: U.S. Geol. Survey Water-Supply Paper 470, 171 p.

Rainwater, F. H., and Thatcher, L. L., 1960, Methods for collection and analysis of water samples: U.S. Geol. Survey Water-Supply Paper 1454, 301 p.

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U.S. Geological Survey, issued annually 1963-64, Surface water records of Connecticut; issued annually 1965-67, Water resources data for Connecticut.

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

Works Progress Administration for Connecticut, 1938, Records of wells, springs, and ground-water levels in the towns of Bridgeport, Easton, Fairfield, Stratford, and Trumbull, Connecticut: Connecticut Ground Water Survey Bull. GW-1, 242 p.

Table 1.--Records of selected wells

Well no.: See text for explanation of numbering system and plate A for location.
Location: See text for explanation of location system.
Year completed and date of water-level measurement: c, about.
Altitude above mean sea level: Estimated from topographic map, contour interval 10 ft.
Type of well: Dr, drilled, method unknown; Dra, drilled by air rotary - percussion; Drc, drilled by cable tool; Drh, drilled by reverse hydraulic rotary; Drv, driven; Dug, dug; Brd, bored; J, jetted.
Depth of well, depth of casing: All depths are below land surface. Casing depths do not include well screen, perforated casing, laid stone, or other well materials that permit water to enter the well.
Finish: Well construction used to permit entrance of water to well.
Type: C, porous concrete; GP, perforated or slotted casing with gravel pack; GS, screen with gravel pack; O, open end; OH, open hole; OS, open field stone; P, perforated or slotted casing; S, screen; W, well, drive, or sand point.
Depth: depth interval of well finish in feet below land surface.
Slot opening: Width of opening of screen, or perforations or slots cut in casing; expressed in thousandths of an inch.

Type of aquifer: S, sand; G, gravel; S & G, sand and gravel; S & Si, sand and silt; R, bedrock; M, marble bedrock; W, weathered marble.
Depth to bedrock: All depths are to the top of bedrock in feet below land surface.
Static water level and drawdown or recovery (r): Reported water levels, drawdowns, and recoveries are given in feet, water levels and drawdowns measured by the U.S. Geological Survey and by Loggette, Brashears, & Graham, consulting ground-water geologists and Geraghty & Miller, consulting ground-water geologists, are given in feet and hundredths.
Yield: a, determined by airlift; b, determined by bailing; p, determined by pumping. Most yields reported by owners or well drillers.
Purpose and status of well: Agr, agricultural; Com, commercial; Dom, domestic; Ind, industrial; Ins, institutional; Irr, irrigation; Obs, observation; PS, public supply; S, stock; Test, test; Ab, abandoned; Des, destroyed; U, used; Un, unused.
Remarks: CA, chemical analysis on table 7; L, interpretive log on figure 2 (simplified log may appear here); PT, pumping test data on table 3; T, temperature in °F; WL, series of water-level measurements made and data published in Conn. Water Resources Bull. Nos. 2, 7, or 13; WLb, series of water-level measurements made and data shown on table 4. Most statements represent information reported by owners or drillers rather than observed by the U.S. Geological Survey.

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield (gpm)	Purpose and status of well	Remarks
																					Town of Bridgeport
Bp 1	411027N731023.1	Carpenter Steel of New England, Inc.	1935	10	Drc	36	56	46	S	46- 56	36	--	S	--		35	--	--	300 p	Ind, U	Sand: 38-56 ft; water reported very hard.
Bp 2	411117N731129.1	Bridgeport Brass Co.	1928	21	Drc	10	85	65	S	65- 85	10	--	S & G	95	-28	6	25	--	600 p	Ind, Ab	L, 470 ppm Cl in 1937, abandoned and filled in 1954.
Bp 3	411040N731050.1	Pembroke Mineral Water Co.		15	Drc	6	180	160	OH	--	--	--	R	80		10	--	--	--	Com, Des	T 65° 3-38.
Bp 4	411057N731125.1	W. M. Terry Co.	1938	11	Drc	16	54	44	S	44- 54	6	--	S	--	8-41	18	--	--	44 p	Ind, Un	Coarse sand: 48-54 ft; water reported slightly brackish.
Bp 5	411119N731136.1	Conn. Breweries Co.	1916	25	Drc	6	390	390	O	--	--	--	R	150	11-37	35	--	--	100 p	Ind, Un	
Bp 6	411146N731137.1	Ideal Ice Co.	1937	35	Drc	10	75	75	O	--	--	--	G	--	8-37	36	--	--	50 p	Ind, Ab	Gravel: 30-75 ft.
Bp 7	411024N731114.1	Anderson & McPadden	1912	7	Drc	3	100	100	O	--	--	--	R	28	7-38	25	--	--	--	Ind, Ab	
Bp 8	411112N731103.1	City of Bridgeport		25	Drc	1½	35	35	O	--	--	--	--	--	8-37	18	--	--	--	PS, Ab	
Bp 10	411152N731011.1	General Electric Co.	1937	29	Drc	8	22	22	--	--	--	--	S & G	22		--	--	--	--	Test, Des	L.
Bp 11	411156N731015.1	do	1937	25	Drc	36	61	45	GS	45- 57	36	--	S & G	64	9-37	6	19	--	120 p	Ind	L, finished with slotted casing with wire screen.
Bp 12	411158N731015.1	do	1937	27	Drc	36	47	32	GS	32- 44	36	--	S & G	46.5	9-37	6	19	--	120 p	Ind	L, finished with slotted casing with wire screen.
Bp 13	411138N731139.1	Borck & Stevens	1939	32	Drc	16	38	38	GS,P	30- 38	16	--	S	--	10-39	22	--	--	75 p	Ind, Des	Coarse sand: 30-38 ft; supplies 108,000 gpd.
Bp 14	411023N731032.1	Carpenter Steel of New England, Inc.	1935	12	Drc	10	475	400	OH	--	--	--	R	123	-37	40	--	--	80 p	Ind, Un	
Bp 15	411137N731121.1	Bridgeport Brass Co.	1956	21	Drc	8	100	70	S	70-100	8	30	S	--	1-56	19	46	48	325 p	Ind, Un	L, water reported corrosive and salty.
Bp 16	411106N731011.1	International Silver Co.		20	Dug	22ft	20.9	--	OS	0- 20.9	264	--	S	21	8-41	4.64	--	--	--	Ind, Ab	
Bp 17	411201N731131.1	American Chain Cable Co., Allison Camp Division	1936	5	Drc	10	38	35	S	35- 38	8	--	S & G	--		4	20	--	100 p	Ind, U	T 58°, water reported corrosive and salty.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Finish: Type of aquifer	Finish: Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield test: Yield (gpm)	Purpose and status of well	Remarks
													Town of Bridgeport--Continued								
Bp 18	411201N731131.2	American Chain Cable Co., Allison Comp Division	1941	5	Drc	10	43	35	S	35- 43	8	--	S & G	--		6	37	--	140 p	Ind, U	T 58°, water reported corrosive and salty.
Bp 36	410955N731310.1	Mrs. G. M. Dickie		17	Dug	48	15	--	OS	0- 15	48	--	S	--	9-63	12.28	--	--	--	Dom, Obs, U	WL.
													Town of Danbury								
Dy 11	412020N732739.1	W. G. Tomlinson	1954c	485	Drc	6	50	50	O	--	--	--	S & G	--	-54c	11	--	--	50±	Dom, U	L, bottom filled with pebbles and developed free of sand.
Dy 12	412034N732807.1	Gerald Rathgen	1961	505	Drc	6	22	22	O	--	--	--	G	--	3-61	16	4r	24	5b	Dom, U	L.
Dy 13	412019N732725.1	Lloyd Rose	1965	485	Drc	6	65	9	OH	--	--	--	R	4	8-65	8	37r	2	4b	Dom, U	L.
Dy 14	411957N732752.1	Margret Shiffen	1962	535	Drc	6	60	30	OH	--	--	--	R	25	6-62	7	33r	3	15b	Dom, U	L, CA.
Dy 15	411956N732634.1	J. K. Moller	1961	455	Drc	6	246	25	OH	--	--	--	R	16	8-61	7	239r	1	.75b	Dom, U	CA.
Dy 16	412032N732745.1	Waubeeka Lake Association	1964	490	Drc	8	43	37	S	37- 43	8	60	G	51	5-64	8	28r	24	150p	PS, Un	L, standby well for well supplying 125 homes.
													Town of Darien								
Da 2	410555N732958.1	J. D. Wheeler	1957	195	Drc	6	207	35	OH	--	--	--	R	27	6-57	25	80r	5	8b	Dom, U	Water contains some iron.
Da 4	410649N732903.1	William Rowe	1964	250	Drc	6	149.4	65	OH	--	--	--	R	57	9-64	--	82	--	20a	Dom, U	L.
Da 5	410451N733102.1	Noroton Water Co.	1937	47	Drc	8	52	32	S	32- 52	8	--	G	52		--	--	--	325p	PS, U	L, CA, supplements water from Stamford Water Co.
Da 6	410528N732922.1	Wee Burn Country Club	1955	118	Drc	6	24	14	S	14- 24	5	188	S	--	8-55	2	8	2	15p	Test, Des	L.
Da 7	410528N732930.1	do	1955	120	Drc	6	24	14	S	14- 24	5	188	S & G	24	8-55	5	7.5	2	24p	Test, Des	L.
Da 8	410456N733056.1	Middlesex Swim Club	1966	48	Drc	6	74	70	S	70- 74	6	--	S & G	73		--	--	--	45p	Inst, U	L.
Da 9	410406N733032.1	Noroton Water Co.		27	Drc	8	41	31	S	31- 41	8	--	S & G	--		3.5	4.5	--	90p	Test, Des	L.
													Town of Easton								
E 1	411926N731734.1	S. W. Labrot	1958	550	Drc	6	430	27	OH	--	--	--	R	19	11-58	37	163r	4	3.5b	Dom, U	CA, water softener used.
E 2	411537N731802.1	George Moore	1964	430	Drc	6	120	26	OH	--	--	--	R	20	5-64	10	100r	15min	6b	Dom, U	
E 3	411847N731649.1	D. W. Loiselle		352	Dug	36	10.4	--	OS	0- 10	36	--	S & G	--	8-64	9.05	--	--	--	Dom, U	
E 4	411802N731711.1	Dr. J. O. Ward	1930c	395	Dug	36	11.2	--	OS	0- 11	36	--	S & G	--	8-64	9.62	--	--	--	Dom, U	
E 5	411306N731531.1	Thomas Taylor	1920c	123	Dug	48	14.8	--	OS	0- 14	48	--	S & G	--	9-64	13.01	--	--	--	Dom, U	Used in spring only, supplements supply from Bridgeport Hydraulic Co.
E 7	411711N731935.1	J. G. Tinsley		298	Dug	36	7.0	--	OS	0- 7	36	--	S & G	--	10-64	6.54	--	--	--	Dom, U	Supplies 2 people.
E 9	411613N731944.1	J. H. Naber		305	Drc	6	206.7	--	OH	--	--	--	R	--	10-64	24.16	--	--	--	Dom, U	CA.
E 10	411555N731915.1	John Binkiwitz	1964	285	Drc	6	116.2	30	OH	--	--	--	R	30	10-64	16.81	90r	20min	3.5b	Dom, U	L.
E 11	411609N731904.1	Frank M. Smith		283	Dug	36	17.6	--	OS	0- 17	36	--	S & G	--	10-64	16.04	--	--	--	Dom, U	CA.
E 12	411636N731936.1	Bridgeport Hydraulic Co.		295	Dug	24	19.2	--	OS	0- 19	24	--	S & G	--	10-64	18.64	--	--	--	Dom, U	WL.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield test: Yield (gpm)	Purpose and status of well	Remarks
													Town of Easton--Continued								
E 13	411521N731903.1	J. Robinson	1961	245	Drc	6	40	40	OH	--	--	--	R	40	10-64	10.08	--	--	40b	Com, U	L, casing cemented into rock; water used to fill fishing pond.
E 14	411521N731925.1	Aspetuck Valley Orchards	1942	240	Dug	60	8.7	--	OS	0- 8	60	--	S & G	--	10-64	5.72	--	--	12p	Agr, U	CA, water used for cooling and processing.
E 15	411457N731919.1	Bridgeport Hydraulic Co.	1961	241	Dug	36	17.1	17	C	--	--	--	S & G	--	10-64	10.93	--	--	--	Dom, Agr, U	
E 17	411353N731917.1	Anthony Weiser	1963	232	Drc	6	23.3	23	O	--	--	--	R	23 ?	10-64	10.09	--	--	--	Com, Dom, U	Flowed when drilled.
E 19	411339N731929.1	Edmund H. Wolcott		222	Dug	36	11.8	--	OS	0- 11	36	--	S & G	--	10-64	9.58	--	--	--	Dom, U	CA.
E 21	411312N731919.1	C. N. Hoagland	1962	242	Drc	6	225	15	OH	--	--	--	R	10	12-62	14	186r	3	7b	Dom, U	L, water from nearby dug well used to water lawn.
E 22	411608N731910.1	Fred Buckwold	1965	280	Drc	6	170	53	OH	--	--	--	R	50	10-65	8	152r	10	7b	Dom, U	
E 24	411252N731938.1	W. T. Kellogg	1961	198	Drc	6	112	20	OH	--	--	--	R	20	-64	35	--	--	50b	Dom, U	Overlying stratified-drift aquifer may support part of yield.
E 25	411312N731931.1	Margaret Kerr	1962	215	Drc	6	160	19.5	OH	--	--	--	R	18	11-62	7	143r	45min	5b	Dom, U	
E 26	411741N731726.1	William Hayden	1962	410	Drc	6	160	14	OH	--	--	--	R	14	10-62	10	136r	4	4b	Dom, U	CA.
E 27	411642N731656.1	Alfred Lange	1959	440	Drc	6	250	21	OH	--	--	--	R	6	3-59	40	--	4	2b	Dom, U	CA.
E 28	411252N731554.1	Anthony Palumbo	1958	285	Drc	6	280	7	OH	--	--	--	R	4	1-58	30	245r	40min	.25b	Dom, U	CA.
E 29	411443N731540.1	S. J. Angelica	1959	405	Drc	6	121	22	OH	--	--	--	R	15	6-59	22	93r	20min	6b	Dom, U	CA.
E 30	411439N731952.1	F. J. Hoffman	1965	445	Drc	6	160	30	OH	--	--	--	R	25	4-65	15	45r	1	20+b	Dom, U	CA.
E 31	411450N731832.1	Joseph Klinger	1964	370	Drc	6	100	30	OH	--	--	--	R	30	8-64	5	95r	3	2.5b	Dom, U	CA.
													Town of Fairfield								
Ff 1	411022N731616.1	Bridgeport Hydraulic Co.	1956	30	Drc	10	49	20	S	20- 45	10	80	G	49	7-56	2	16	8	600p	Test, Des	
Ff 2	411021N731618.1	do	1956	30	Drc	10	66	56	S	56- 66	10	80	S & G	66	6-66	2.46	50	8	415p	Test, Des	L, 2-inch well left at this site; used as observation well during pump test of Ff 18.
Ff 3	411016N731620.1	do	1956	30	Drc	10	62	37	S	37- 62	10	80	S & G	62	6-66	2.79	56	8	250p	Test, Des	L, 2-inch well left at this site; used as observation well during pump test of Ff 18.
Ff 4	410956N731611.1	do	1956	30	Drc	10	38	32	S	--	--	--	S	32		--	--	--	--	Test, Des	L.
Ff 5	411204N731515.1	Seba Greenwalt	1950c	103	Drc	6	150	30	OH	--	--	--	R	30		--	--	--	8b	Dom, U	
Ff 6	411101N731605.1	Eugene W. Moore		77	Drc	8	166.2	27.3	OH	--	--	--	R	27	9-64	25.07	--	--	--	Dom, U	Bottom of well very soft.
Ff 7	411103N731603.1	do		75	Drc	8	58.8	25	OH	--	--	--	R	25	9-64	21.86	--	--	--	Dom, U	CA.
Ff 8	411056N731545.1	Unknown		73	Dug	36	26.7	--	OS	0- 26	36	--	S & G	--	9-64	25.67	--	--	--	Dom, Des	
Ff 9	410959N731620.1	Stephen Drotar	1929	35	Dug	36	17.3	17	C	--	--	--	S & G	--	9-64	16.71	--	--	--	Dom, Un	Bridgeport Hydraulic Co. water used.
Ff 10	411025N731612.1	Bridgeport Hydraulic Co.	1956	35	Drc	8	57	57	O	--	--	--	S & G	57	7-56	2	--	--	--	Test, Des	L.
Ff 11	411025N731615.1	do	1956	35	Drc	8	47	33	S	33- 47	8	80	G	47	7-56	1	--	--	560p	Test, Des	L.
Ff 12	411212N731958.1	S. Hecht	1925	170	Dug	36	12.8	--	OS	0- 12	36	--	Till	--	11-64	10.90	--	--	--	Dom, U	Water from Aspetuck River used to water lawn.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield test: Yield (gpm)	Purpose and status of well	Remarks
													Town of Fairfield--Continued								
Ff 15	411254N731538.1	M. B. Stock	1958	125	Drc	6	100.3	40	OH	--	--	--	R	46	5-65	12.84	58r	45min	15b	Dom, U	Drilled inside used dug well.
Ff 16	410835N731514.1	First Federal Savings & Loan Association	1960	30	Drc	7	135	36	OH	--	--	--	R	36	4-60	9	91r	3	30b	Com, U	Water used for air conditioning only.
Ff 17	410831N731559.1	E. I. DuPont duNemours	1892	15	Drc	6	186	186	O	--	--	--	R	100		--	--	--	500p	Ind, Ab	Yield declined to 10-20 gpm; water is brackish and contains sand and silt.
Ff 18	411022N731616.2	Bridgeport Hydraulic Co.	1966	26	Drh	24	44.4	33	OS	32.9-44.4	24	250	G	--	6-66	1.64	22	24	1016p	PS, U	L, CA, PT, T 51.9° 6-66.
Ff 19	411013N731900.1	M. C. Miller	1959	160	Drc	6	191	30	OH	--	--	--	R	25	12-59	20	165r	53min	7.5b	Dom, U	CA.
Ff 20	411230N731847.1	Paul Fraser	1961	260	Drc	6	100	20	OH	--	--	--	R	18	2-61	6	84r	1	6b	Dom, U	CA.
Ff 22	410859N731447.1	J. L. Lucas & Son, Inc.	1941	12	Drc	6	16	16	O	--	--	--	S & SI	--	-60c	8	--	--	20p	Ind, U	Water used for air conditioning; well cleaned of silt once.
Ff 23	411256N731531.1	U.S. Geological Survey	1966	130	Brd	1¼	41.6	38.6	W	38.6-41.6	1¼	4	S & G	--	9-66	8.42	--	--	--	Obs, U	L.
													Town of Greenwich								
Gw 2	410702N733959.1	D. G. Layman	1956	540	Drc	6	350	149	OH	--	--	--	R	45	11-56	20	80r	6	30b	Dom, U	
Gw 4	410515N734152.1	K. Wolfal	1956	350	Drc	6	158	32	OH	--	--	--	M?	15	3-56	14	66r	4	6b	Dom, U	
Gw 5	410538N734123.1	M. Belhumour	1956	507	Drc	6	165	34	OH	--	--	--	R	34	6-56	15	65r	4	5b	Dom, U	
Gw 6	410358N734041.1	Hans Schmidt	1956	255	Drc	6	154	18	OH	--	--	--	R	8	11-56	7	58r	4	20b	Dom, U	CA, T 54° 4-63.
Gw 9	410502N733742.1	Buckout	1956	298	Drc	6	244	46	OH	--	--	--	R	38	1-56	15	45r	6	9b	Dom, U	
Gw 10	410446N733709.1	S. E. Birdseye	1956	245	Drc	6	203	15	OH	--	--	--	R	5	3-56	7	103r	4	20b	Dom, U	
Gw 14	410529N733602.1	Richard Holch	1955	230	Drc	6	155	21	OH	--	--	--	R	11	9-55	12	88r	8	5b	Dom, U	
GW 16	410816N733809.1	J. Paladino	1962	448	Drc	6	160	56	OH	--	--	--	R	46	12-62	Flows	60r	4	10b	Dom, U	L.
Gw 17	410352N734139.1	Convent of the Sacred Heart	1964	420	Drc	6	440	82	OH	--	--	--	R	82	5-64	60	180r	8	14b	Inst, U	54 ft of till overlying bedrock at well 500 ft south.
Gw 18	410709N734037.1	R. Shannon	1957	500	Drc	6	190	13	OH	--	--	--	M?	2	7-57	3	97r	4	10b	Dom, U	CA.
Gw 19	410410N734106.1	Peter Siks	1956	280	Drc	6	167	11	OH	--	--	--	R	5	7-56	13	67r	4	6b	Dom, U	CA.
													Town of Monroe								
Mo 8	412009N731403.1	Monroe Water Co.	1959	378	Dug	100	34.5	34	S,P	32- 34.5	100	188	S & G	--	9-59	2	16	24	700p	PS, U	L, CA, square holes cut in bottom 25 ft and fitted with screen.
Mo 9	412107N731352.1	William Riebe	1962	445	Dug	36	11.0	11	C	--	--	--	Till	--	7-64	7.71	--	--	--	Dom, U	Never fails; water produces slight iron stain on porcelain.
Mo 10	412014N731451.1	John Krul	1960	370	Dug	36	12	12	C	--	--	--	S & G	--	7-64	6.59	--	--	--	Dom, U	CA, never fails.
Mo 11	411917N731547.1	S. O. Corning	1957	340	Drc	6	107	72.5	OH	--	--	--	R	70	3-57	10	30r	34min	13b	Dom, U	L, water produces slight iron stain on porcelain.
Mo 12	411917N731551.1	do	1940c	355	Dug	36	16	--	OS	0- 16	36	--	S	--	7-64	12.40	--	--	--	Dom, U	Never fails; water produces slight iron stain on porcelain.
Mo 13	412030N731454.1	Richard O'Brien	1964	385	Drc	6	48.7	42.7	OH	--	--	--	R	42	7-64	4.73	--	--	--	Dom, U	Water from well at house 100 ft northwest produces iron stain on laundry.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield test: Yield (gpm)	Purpose and status of well	Remarks
													Town of Monroe--Continued								
Mo 14	411813N731446.1	Town of Monroe Highway Dept.	1956	365	Dug	30	8.7	8	C	--	--	--	S	--	7-64	5.74	--	--	--	Dom, U	CA.
Mo 15	411809N731458.1	Charles Petrino, Jr.	1953	338	Dug	36	14.7	14.7	C	--	--	--	S & G	--	7-64	12.95	--	--	--	Dom, U	Well may bottom on till; well almost dry during August 1963.
Mo 17	411817N731523.1	J. Caranica	1964	335	Drc	6	68.3	41.9	OH	--	--	--	R	30	8-64	11.93	46r	30min	10b	Dom, U	L, replaced Mo 18, which was inadequate.
Mo 18	411818N731523.1	do	1953	335	Dug	30	14.7	14	C	--	--	--	G	--	8-64	12.46	--	--	--	Dom, Un	WLb.
Mo 19	412040N731543.1	Bridgeport Hydraulic Co.	1957	468	Drc	8	24.5	16	S	16- 24.5	8	80	G	24.5	8-64	15.85	--	--	90p	PS, U	L, Blue Ridge well.
Mo 20	411901N731539.1	do	1959	335	Drc	12	33	21	GS	21- 33	12	--	G	35		--	--	--	300p	PS, U	L, CA, T 50° 8-64, Stepney well no. 1.
Mo 21	411815N731439.1	James Youhas	1964	345	Drc	6	95	37	OH	--	--	--	R	35	7-64	10	40r	1	10b	Dom, U	L.
Mo 23	411826N731610.1	John Cline	1927	345	Drc	6	33	33	O	--	--	--	G?	--	8-64	21.13	--	--	--	Dom, U	Drilled in dug well.
Mo 24	411828N731609.1	do	1927	350	Drc	6	90.3	15	OH	--	--	--	R	15	8-64	18.76	--	--	--	Agr, U	CA, drilled in dug well.
Mo 26	411902N731618.1	Mortimer Berliner	1953	350	Dug	36	13.2	13.2	C	--	--	--	S & G	--	8-64	9.75	--	--	--	Dom, U	CA, never fails.
Mo 27	411903N731614.1	Dr. J. D. Rosenfold	1954	370	Drc	6	160	25	OH	--	--	--	R	20	-54	20	--	--	2b	Dom, U	
Mo 28	411811N731451.1	Bridgeport Hydraulic Co.	1959	315	Brd	4	33	--	--	--	--	--	S & G	33	4-59	2	--	--	--	Test, Des	L.
Mo 29	411858N731623.1	do	1959	335	Brd	4	29	--	--	--	--	--	S & G	29	4-59	3	--	--	--	Test, Des	L.
Mo 30	411949N731506.1	do	1962	365	Drc	8	83.1	64	S	63.5-84.5	7½	--	S & G	90	5-65	3.14	43.8	7	205p	PS, Un	L, T 51° 4-62.
Mo 31	411921N731617.1	Ernest Chase	1956	372	Drc	6	79.9	29.5	OH	--	--	--	R	22	5-65	19.42	23r	1	14b	Dom, U	L.
Mo 32	411810N731503.1	William J. Waller	1955	335	Drc	6	50	18	P, OH	--	--	--	S & G R	16	11-55	5	43	3	6	Dom, U	L, bottom of casing slotted with four rows of six 3/16 in x 10 in hole.
Mo 33	411910N731612.1	Y.M.C.A. Bridgeport Camp	1960	360	Drc	6	207.4	25	OH	--	--	--	R	14	5-65	14.16	178r	--	5b	Inst, U	Used to fill swimming pool only.
Mo 34	411920N731553.1	Stepney Methodist Church	1956	355	Drc	6	178.3	86	OH	--	--	--	R	80	5-65	7.14	115r	1	10b	Inst, Dom, U	L, filter used to remove iron from water; water softener also used.
Mo 35	412023N731323.1	Emery S. Lizak	1964	505	Drc	6	510	32	OH	--	--	--	R	30	6-64	3	72r	10min	7.5b	Dom, U	CA.
													Town of New Canaan								
NCn 7	411037N732848.1	W. C. Frank	1955	265	Drc	6	119	23	OH	--	--	--	R	10	9-55	15	70r	5	16b	Dom, U	L, casing cemented 10 ft into rock.
NCn 8	411128N732904.1	A. F. Hurlburt	1956	315	Drc	6	150	21	OH	--	--	--	R	12	10-56	14	66r	6	4b	Dom, U	L.
NCn 9	410952N733024.1	M. Stainton	1956	415	Drc	6	140	23	OH	--	--	--	R	8	10-56	18	63r	2.5	10b	Dom, U	Water used in both house and to fill swimming pool.
NCn 10	410937N732844.1	A. V. Barnes	1956	405	Drc	7	296	26	OH	--	--	--	R	19	4-56	20	100r	6	9+b	Dom, U	
NCn 11	410837N732757.1	Hoyt's Nursery	1957	325	Drc	7	202	32	OH	--	--	--	R	21	9-64	35	85	5	35	Agr, U	Inadequate.
NCn 15	410843N732948.1	Grand Union	1955	280	Drc	6	250	115	OH	--	--	--	R	34	8-55	0	120	16	60	Com, U	Water used for refrigeration.
NCn 16	411041N733115.1	N. B. Jenkins	1956	575	Drc	6	315	106	OH	--	--	--	R	100	7-56	50	80r	4	5b	Dom, U	Casing cemented 6 ft into rock.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield test: Yield (gpm)	Purpose and status of well	Remarks
												Town of New Canaan--Continued									
NCn 17	410946N733039.1	C. Doughtie	1956	450	Drc	6	177	37	OH	--	--	--	R	26	5-56	23	67r	--	16b	Dom, U	
NCn 19	410735N733111.1	Miller's Dairy, Inc.	1956	335	Drc	7	350	44	OH	--	--	--	R	32	7-56	20	80	5	35p	Com, U	Water used for cooling and cleaning.
NCn 20	410930N733037.1	New Canaan Water Co.		440	Drc	6	135.9	61.3	OH	--	--	--	R	61	9-63	40.97	--	--	6-9b	Obs, Un	WL, measurements discontinued spring 1966.
NCn 21	410732N733013.1	do		141	Drc-Dug	100	31.3	31.3	P	--	--	--	G	32	8-64	19.94	--	--	275p	PS, U	CA, T 56° 8-64; four 8-inch wells with 20 ft of screen set in gravel discharge into this well.
NCn 22	410951N732859.1	Edward White	1964	435	Dra	6	170	38	OH	--	--	--	R	30	1-64	20	150	2	4a	Dom, U	
NCn 23	411219N732918.1	William L. Pierce	1964	468	Dra	6	158	65	OH	--	--	--	R	50	6-64	8	112	2	5.5a	Dom, U	Water produces iron stain on laundry and porcelain.
NCn 24	411105N733001.1	B. F. Cutler	1964	530	Drc	6	185	84	OH	--	--	--	R	60	7-64	20	80	6	15p	Dom, U	Water softener used.
NCn 25	410741N733023.1	New Canaan Water Co.	1957	155	Drc	6	21	17	S	17- 21	5	188	S & G	21	9-57	7	10	2	12p	Test, Des	L.
NCn 26	410744N733026.1	do	1957	155	Drc	6	24	24	O	--	--	--	S & G	24		--	--	--	--	Test, Des	L.
NCn 27	410744N733022.1	do	1957	157	Drc	6	29	--	S	--	5	188	S & G	29	9-57	5	16	3	33p	Test, Des	L.
NCn 28	411059N732858.1	1st Taxing District, City of Norwalk Water Department	1965	265	Drc	6	56	46	S	46- 56	8	80	S & G	56		--	--	--	--	Test, Des	L, driller reports very low yield; well replaced by NCn 28a.
NCn 28a	411059N732858.2	do	1965	265	Drc	2	31.8	28.8	W	28.8-31.8	2	--	S & G	56	5-65	1.37	--	--	--	Obs, Un	
NCn 29	410653N733004.1	R. Sandor	1965	124	Dra	6	193	56	OH	--	--	--	R	40	4-65	15	85	6	20a	Dom, U	
NCn 30	410741N733028.1	William Whittemore	1965	155	Drc	6	45	45	O	--	--	--	G	--	5-65	8	--	--	30	Dom, U	
NCn 31	410741N732821.1	New Canaan Water Co.	1957	150	Drc	6	29	23	S	23-29	5	188	S & G	39	9-57	6	11	1.5	10p	Test, Des	L.
NCn 32	410743N733016.1	Andrew DiPietro	1963	180	Dra	6	206	22	OH	--	--	--	R	10	1-63	14	192	--	3a	Dom, U	
NCn 33	411056N732853.1	Nicholas Garacia	1964	268	Dra	6	110	38	OH	--	--	--	R	28	11-64	18	62	6	12a	Dom, U	
NCn 34	410754N732819.1	Dr. B. A. Prell	1964	183	Drc	6	181	37	OH	--	--	--	R	32	9-64	18	32r	6	30b	Dom, U	L, filter used to remove iron from water; water produces iron stain on porcelain.
NCn 35	411136N732855.1	Norman Richards	1966	390	Dra	6	165	19	OH	--	--	--	R	10	1-66	20	145	2	8a	Dom, U	CA.
NCn 36	410949N733228.1	Edwin Hoffman, Jr.	1957	295	Drc	6	162	34	OH	--	--	--	R	28	5-57	15	65r	4	8b	Dom, U	CA.
NCn 37	410704N732957.1	John DeForest	1958	148	Drc	6	132	38	OH	--	--	--	R	31	5-58	3	--	--	2b	Dom, U	CA.
NCn 38	410746N733113.1	New Canaan Winter Club	1966	325	Dra	6	300	50	OH	--	--	--	R	40	2-66	20	180	6	20a	Com, U	CA, water used to fill skating pond.
NCn 39	411112N733208.1	V. Fenick	1956	470	Drc	6	150	37	OH	--	--	--	R	20	6-56	20	60r	5	6b	Dom, U	CA, casing cemented 17 ft into rock.
NCn 40	410938N733043.1	R. E. Bolan	1956	425	Drc	6	142	44	OH	--	--	--	R	10	4-56	15	65r	5	12b	Dom, U	CA, casing cemented 34 ft into rock.
												Town of Newtown									
Nt 3	412115N732012.1	F. H. Bennett	1960	530	Drc	6	142	98	OH	--	--	--	R	97	9-64	36.37	100r	3	6b	Dom, U	
Nt 4	412100N732011.1	H. E. Bickford		516	Dug	72	10.3	--	OS	0- 10	72	--	S & G	--	9-64	3.22	--	--	--	Agr, Dom, U	T 54° 9-64.
Nt 5	412008N732015.1	Bridgeport Hydraulic Co.	1956c	485	Dug	36	11.6	11	C	--	--	--	S & G	--	9-64	6.03	--	--	--	Dom, U	CA, T 52° 9-64.
Nt 6	412025N732009.1	William Dudley	1959	480	Drc	7	125	43	OH	--	--	--	R	40	2-59	17	102r	4	2b	Dom, U	CA.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield test: Yield (gpm)	Purpose and status of well	Remarks
												Town of Norwalk									
Nw 1	410636N732452.1	Crystal Ice Co.	1920c	20	Drc	8	50	--	--	--	--	--	G	--		--	--	--	400p	Com, U	Gravel: 0-50 ft; water used to cool compressors.
Nw 2	410650N732445.1	Conn. Light & Power Co.	1943	41	Drc	--	75	70	S	70- 75	--	--	S	--		--	12	24	250p	Ind, Ab	L, T 54° 1947; water salty.
Nw 4	410845N732541.1	Fairfield Investors, Inc.	1932	90	Drc	10	81.6	52	S OH	32- 42 42- 52	8 8	250 320	S & G R	52		--	6	24	400p	Ind, Un	L, well used in summer only; used as observation well during pump test of Nw 24.
Nw 10	410720N732523.1	Clover Farms Dairy	1934	55	Drc	8	140	45?	OH	--	--	--	R	40		--	--	--	22p	Ind, U	Water produced scale in boilers.
Nw 16	410746N732550.1	1st Taxing District City of Norwalk Water Dept.	1955	45	Drh	20	96	76	GS	76- 96	20	150	S & G	109	8-55	3	26	26	1440p	PS, U	L, T 58° 11-64; average pumpage 2 mgd; pumps 3200 gpm for short periods.
Nw 17	410744N732551.1	do	1958	45	Dug	120	80	77	S	77- 80	120	188	S & G	80	11-58	2	46.8	8	1362p	PS, U	L, CA for composite sample from Nw 16 and Nw 17.
Nw 18	410749N732549.1	do	1964	48	Drc	8	85.2	72	S	72- 79 79- 89	8 8	100 60	S & G	89	6-64	8.34	27.81	10.5	450p	Test, Un	L.
Nw 19	410737N732525.1	do	1963	50	Drc	8	80	65	S	65- 80	8	40	S & G	83	-63	6	20	20days	350p	PS, Un	L, T 52° 6-63; well last used in 1964 when it supplied water to 2nd Taxing District.
Nw 20	410857N732329.1	do	1964	89	Drc	8	50.7	32	S	32- 52	8	30	S	52	1-65	.09	26.26	24	125p	Test, U	L, CA, WL, T 50.5° 1-65.
Nw 21	410750N732548.1	do	1965	46	Dug	20	83.9	69	GS	69- 84	20	100	S & G	90	2-65	9.19	51.75	24	600p	PS, U	L, pumping rate reduced to less than 3/4 mgd in order to keep pumping water level above top of screen.
Nw 22	410837N732411.1	W. Carter	1955	115	Drc	6	117.3	38	OH	--	--	--	R	28	6-65	25.36	107r	--	15b	Dom, U	pH of water reported as 6.1-6.2.
Nw 23	410847N732540.1	Fairfield Investors, Inc.	1945	65	Drc	16	38.5	33	S	33- 43	10	60	S & G	--	7-65	14.00	26	--	150p	Ind, Un	Used as observation well during pump test of Nw 24.
Nw 24	410847N732540.2	do	1945	65	Drc	16	32.8	29	S	29- 35	10	80	S & G	--	7-65	11.92	13.03	24	380p	Ind, Un	
Nw 25	410804N732538.1	Muller Park Reality Co.	1950c	60	Drc	8	42.3	43	O	--	--	--	S & G	--	7-65	12.70	--	--	90p	Ind, Un	Supplied about 64,500 gpd when in use; bottom of well very soft.
Nw 26	410934N732522.1	The Perkin-Elmer Corp.	1961	125	Dra	6	146	28	OH	--	--	--	R	11	9-61	Flows	140	--	40p	Ind, U	Flowed at 10 gpm when drilled.
Nw 27	410630N732449.1	City of Norwalk	1961	10	Dug	100	44.5	42	S	42- 44	100	188	S & G	72	2-61	8	--	15	235p	Ind, U	Water used for cooling only and is salty.
Nw 28	410630N732449.2	do	1961	10	Drc	8	75	--	S	--	8	188	S & G	72	2-61	8	15	12	78p	Test, Des	L.
Nw 29	410535N732715.1	Old MacDonalds Farm, Inc.	1964	60	Dra	6	205	44	OH	--	--	--	R	34	2-64	20	185	--	6a	Com, U	L.
Nw 30	410842N732417.1	D. J. Turton	1965	140	Dra	6	170	20	OH	--	--	--	R	14	4-65	10	160	2	6a	Dom, U	CA.
Nw 31	410741N732659.1	J. D. Stewart	1965	215	Dra	6	295	30	OH	--	--	--	R	0	4-65	40	255	3	2a	Dom, U	CA.
Nw 32	410633N732746.1	F. M. Ludwig	1956	120	Drc	6	120	30	OH	--	--	--	R	23	12-56	30	--	--	6b	Dom, U	CA.
Nw 33	410358N732333.1	W. N. Garofalo		11	Dug	18	9.0	9	Tile	--	--	--	Till	--	7-66	6.32	--	--	--	Dom, U	CA, T 62° 7-66; water level is 4.68 ft above sea level.
Nw 34	410359N732331.1	do		15	Dug	72	12.0	--	OS	0- 12	72	--	Till	--	7-66	10.14	--	--	--	Dom, U	CA, T 54° 7-66; water level is 4.86 ft above sea level.
Nw 35	410257N732510.1	Thorston Stabell		9	Dug	22	11.5	--	OS	0- 11	22	--	Till	--	7-66	9.90	--	--	--	Dom, U	CA, T 55° 7-66; water not used for drinking; water level is 0.9 ft below sea level.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield test: Yield (gpm)	Purpose and status of well	Remarks
													Town of Norwalk--Continued								
Nw 36	410752N732550.1	1st Taxing District, City of Norwalk Water Dept.	1966	45	Drh	20	85	70	OS	70- 85	20	200	S & G	--	8-66	15.91	26.39	12	1280p	PS, U	L, T 63° 8-66.
Nw 37	410748N732553.1	do	1964	45	Brd	1¼	95.4	91	S	91- 95	1¼	--	S & G	97	7-65	15.40	--	--	--	Test, Un	L, used as observation well during pump test of Nw 38.
Nw 38	410754N732550.1	do	1966	47	Drc	8	68	53	S	53- 68	8	100	S & G	84	11-66	9.85	31.9	7	412p	Test, Ab	L, CA, PT, T 65.5° 11-66.
													Town of Redding								
Rd 2	411842N732309.1	John Burritt		665	Drc	6	200	15	OH	--	--	--	R	15		--	--	--	--	Dom	
Rd 3	411814N732246.1	Herman Smith	1946	660	Drc	6	150	5	OH	--	--	--	R	0	7-48	20	--	--	4b	Dom, Inst, U	
Rd 12	411832N732306.1	Town of Redding	1948	650	Drc	8	196	29	OH	--	--	--	R	13	-48	12	--	--	45	Inst, U	20 gpm at 171 ft.
Rd 16	411816N732049.1	John Razus	1964	645	Drc	6	250	44	OH	--	--	--	R	40	6-64	30	210r	41min	4b	Dom, U	3 gpm at 140 ft, 3.5 gpm at 178 ft, 3.75 gpm at 229 ft.
Rd 17	411835N732153.1	Mrs. M. T. Rowland		428	Dug	60	10.6	--	OS	0- 10	60	--	S	--	9-64	9.80	--	--	--	Dom, U	
Rd 18	411834N732155.1	do	1942c	425	Drv	1¼	12	--	W	--	--	--	S	--	8-63	5	--	--	--	Dom, U	Driven by hand to refusal.
Rd 19	411734N732210.1	B. Guerlain		405	Dug	48	28.8	--	OS	0- 29	48	--	Till	--	9-64	19.27	--	--	--	Dom, Un	WL.
Rd 21	411911N732031.1	Pierre Lutz		450	Dug	36	6.7	--	OS	0- 7	36	--	S & G	--	9-64	10.77	--	--	--	Dom, U	CA.
Rd 22	411907N732015.1	John Brooks	1958	455	Drc	6	96.5	97	O	--	--	--	G	--	9-64	11.49	40	--	15	Dom, U	L, supplies about 12 people; water produces iron stain on porcelain.
Rd 23	411903N732027.1	Mrs. Goodlot		455	Dug	36	17.1	--	OS	0- 17	36	--	G	--	9-64	14.32	--	--	--	Dom, U	
Rd 24	411826N731955.1	Bridgeport Hydraulic Co.	1952c	355	Dug	36	10.6	11	C	--	--	--	S & G	--	9-64	7.83	--	--	--	Dom, U	CA; water produces iron stain on laundry.
Rd 25	411842N732131.1	Albert Aquino		615	Dug	48	10.3	--	OS	0- 10	48	--	Till	--	9-64	9.53	--	--	--	Dom, Un	WL.
Rd 26	411824N732221.1	Henry J. McQuade		570	Dug	36	24.1	--	OS	0- 24	36	--	Till	--	9-64	19.96	--	--	--	Dom, Un	WL, Inadequate.
Rd 27	411739N732034.1	E. Engstrom		535	Dug	40	15.7	--	OS	0- 16	40	--	Till	16?	10-64	14.69	--	--	--	Dom, Ab	WL.
Rd 28	411816N732241.1	J. M. Hadley		630	Dug	36	16.9	--	OS	0- 17	36	--	Till	--	4-65	8.55	--	--	--	Dom, Ab	WL, never failed when used.
Rd 30	411900N732535.1	West Redding Volunteer Fire Dept.	1963c	375	Drc	6	58	58	O	--	--	--	S & G	--	9-65	12.32	--	--	--	Inst, U	CA.
Rd 31	411950N732514.1	J. W. Elliott	1957	415	Drc	6	108	62	OH	--	--	--	R	62	10-57	35	55r	5	6b	Dom, U	Sand and boulders: 0-62 ft.
Rd 33	411902N732026.1	Mrs. Fritz Thor	1957	453	Drc	6	150	103	OH	--	--	--	R	103	8-57	15	--	--	12	Dom, U	L.
Rd 34	411933N732522.1	Alfred E. Gall	1963	382	Drc	6	150	33	OH	--	--	--	R	33	6-63	11	129	2	7	Dom, U	Sand and gravel: 0-33 ft.
Rd 35	411924N732530.1	James Alworth	1965	385	Drc	6	72	22	OH	--	--	--	M	15	7-65	8	60r	3	6b	Dom, U	CA, water softener used.
Rd 36	411848N732548.1	Earl Brown	1965	500	Drc	6	152	131	OH	--	--	--	M?	100	8-65	35	65r	8	6b	Dom, U	L.
Rd 37	411744N732512.1	Richard Taylor	1965	540	Dra	6	158	68	OH	--	--	--	R	48	7-65	5	153	3	30a	Dom, U	CA.
Rd 38	411804N732624.1	Edward Steicken	1964	475	Drc	6	365	60	OH	--	--	--	R	48?		--	--	--	3.75	Dom, U	CA.
Rd 39	411824N732221.2	Henry J. McQuade		570	Drc	6	200	--	OH	--	--	--	R	--		--	--	--	--	Dom, U	CA, water softener used to remove iron.
Rd 40	411843N732126.1	Howard Toms	1957	630	Drc	6	225	60	OH	--	--	--	R	50	4-57	6	144r	6	5.5b	Dom, U	CA.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield test: Yield (gpm)	Purpose and status of well	Remarks
													Town of Ridgefield								
R 1	411615N732843.1	Bert Ison	1956	710	Drc	6	215	50	OH	--	--	--	R	45	1-56	8	192r	8	5b	Dom, U	
R 8	411828N732923.1	Fanton Nurseries	1956	630	Drc	6	100	17	OH	--	--	--	M	12	11-56	20	80r	--	15b	Agr, U	
R 10	411935N732824.1	Carvel Ice Cream Co.	1956	512	Dug	54	12.5	10	S	10-12.5	54	188	S & G	--	10-56	7	4.5	16	25p	Com, U	L. W. D. Hog
R 11	411904N732814.1	Camp Adventure	1955	510	Drc	6	103	33.5	OH	--	--	--	R	33	12-55	36	64	3	15p	Inst, U	Water used for drinking only.
R 12	411943N732820.1	Ridgefield Water Supply Co.	1964	510	Drc	2	14.2	11	W	11- 17	2	25	G	17	3-65	.40	--	--	--	Test, Un	L, WLb.
R 13	411947N732820.1	do	1964	505	Drc	6	24.5	19.5	S	19.5-24.5	6	30	S	37	3-65	2.74	9.99	2+	60p	Test, Un	L, well developed for 8 hrs; capacity estimated at 100 gpm.
R 14	411950N732819.1	do	1964	505	Drc	2	20.2	19	W	19- 24	2	25	S	23	3-65	2.37	--	--	--	Test, Un	L.
R 15	411853N732825.1	Benrus Watch Co.	1965	500	Drc	6	203	80	OH	--	--	--	WM	80	9-65	9.70	--	--	--	Ind, Un	L, used as observation well during pump test of R 18.
R 16	411623N732642.1	M. W. McLaughlin		375	Drc	6	141.9	21.8	OH	--	--	--	R	22	10-65	21.57	--	--	--	Ind, U	
R 17	411948N732826.1	Ridgefield Restaurant	1965	515	Dra	6	370	40	OH	--	--	--	R	40	4-65	40	330	36	8a	Com, U	L.
R 18	411850N732824.1	Benrus Watch Co.	1965	495	Drc	6	178	51	OH	--	--	--	WM	50	12-65	7.15	27.75	7days	122p	Ind, Un	CA, PT, T 49.0° 12-65.
R 19	411949N732819.1	Ridgefield Water Supply Co.	1965	505	Drc	6	24.5	19.5	S	19.5-24.5	6	40	S & G	--	4-65	2.27	14.23	72	100p	Test, Un	L.
R 20	411852N732827.1	Benrus Watch Co.	1965	495	Drc	6	42.2	--	S	--	--	--	S	--	2-66	5.54	--	--	--	Test, Ab	CA, T 49° 2-66.
R 21	411744N732936.1	Rich Chrysler Plymouth, Inc.	1965	588	Dra	6	185	83	OH	--	--	--	R	76	6-65	4	181	3	50a	Com, Un	
R 22	411814N732836.1	Haff	1964	550	Drc	6	128	126	OH	--	--	--	M	56?	5-64	Flows	--	--	100	Dom, U	L, flowed at 15 gpm when drilled.
R 23	411558N732632.1	Louis Rudolff	1965	348	Drc	6	98	30	OH	--	--	--	R	30	6-65	10	80r	--	15b	Dom, U	Coarse gravel: 0-30 ft.
R 24	411855N732931.1	E. J. Foster	1961	585	Drc	6	102	30	OH	--	--	--	M	15	6-61	3	--	--	30	Dom, U	L, CA.
R 25	411437N732941.1	Wm. S. Vishnosky	1962	695	Drc	6	102	42	OH	--	--	--	R	30	3-62	10	30r	--	40b	Dom, U	CA.
													Town of Shelton								
Sh 1	411636N730943.1	Otto Goetz	1964	310	Drc	6	133	63	OH	--	--	--	R	50	5-64	20	--	4	6.5b	Dom, U	Gravel: 0-12 ft.
													Town of Stamford								
Stm 1	410214N733301.1	Optical Plastic Corp.	1955	56	Drc	6	221	48	OH	--	--	--	R	4	12-55	9	31	10	30p	Ind, U	
Stm 2	410252N733148.1	Stamford Polish & Plate Co.	1955	8	Drc	6	84	64	OH	--	--	--	R	60	11-55	6	7	10	50p	Ind, U	L, CA.
Stm 3	410544N733538.1	O. J. Dorwin	1956	262	Drc	6	300	13	OH	--	--	--	R	3	9-56	42	58r	8	25b	Dom, U	
Stm 5	410542N733507.1	P. Brissette	1955	145	Drc	8	112	28	OH	--	--	--	R	18	9-55	9	61r	8	15b	Dom, U	6-inch casing cemented 10 ft into rock.
Stm 6	410421N733428.1	A. F. Sessa	1956	87	Drc	6	98	34	OH	--	--	--	R	25	1-56	5	20r	3	20b	Dom, U	L.
Stm 7	410649N733408.1	S. Leview	1957	345	Drc	6	280	280	O	--	--	--	R	60	6-57	30	45	12	60	Dom, U	
Stm 8	410806N733548.1	A. S. Poltrack	1956	285	Drc	6	163	8	OH	--	--	--	R	4	8-56	14	81	4	6.6	Dom, U	
Stm 12	410522N733104.1	Cerro Copper & Brass Co.	1957	75	Drc	10	77	51.4	S	51.4-64 64- 77	10 10	40 80	S	--	7-57	20	22	4	400p	Ind, U	L.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield (gpm)	Purpose and status of well	Remarks
													Town of Stamford--Continued								
Stm 13	410917N733215.1	DePaolo	1964	255	Dra	6	155	20	OH	--	--	--	R	15	7-64	20	--	--	9a	Dom, U	Gravel: 0-15 ft.
Stm 14	410843N733226.1	D. R. Couttos	1964	250	Dra	6	100	28	OH	--	--	--	R	20	7-64	12	68	4	12a	Dom, U	Coarse gravel: 0-20 ft.
Stm 15	410648N733300.1	Stamford Water Co.	1963	132	Drc	16	45	35	GS	35- 45	16	80	G	51	7-63	3	29.5	216	700p	PS, U	L, average pumpage: 740,000 gpd.
Stm 16	410648N733300.2	do		132	Brd	1½	32.9	30	W	30- 32.9	1½	--	G	--	10-64	2.45	--	--	--	Test, Un	WLb, T 49.5° 3-65.
Stm 17	410648N733300.3	do		132	Brd	2	31	29	W	29- 31	2	--	G	--	10-64	2.96	--	--	--	Test, Un	
Stm 18	410648N733258.1	do		132	Brd	2	15.2	13	W	13- 15.2	2	--	G	--	10-64	3.40	--	--	--	Test, Un	WLb.
Stm 19	410922N733219.1	A. J. Lanzaro	1965	250	Dra	6	185	20	OH	--	--	--	R	15	3-65	4	181	2	12a	Dom, U	Gravel and boulders: 0-15 ft.
Stm 20	410839N733219.1	Monroe Magnus	1965	245	Drc	6	140	21	OH	--	--	--	R	5	3-65	7	78r	6	10b	Dom, U	
Stm 21	410729N733234.1	Ferdinand Burow	1956	185	Drc	6	81	27	OH	--	--	--	R	19	4-56	11	49r	3	8b	Dom, U	Gravel: 0-19 ft.
Stm 22	410620N733219.1	John P. Noyden	1963	176	Drc	6	104	39	OH	--	--	--	R	33	11-63	6	16r	4	15b	Dom, U	L.
Stm 23	410554N733355.1	Saul Mulwitz	1959	90	Drc	6	132	80	OH	--	--	--	R	77	2-59	13	87r	9	10b	Dom, U	L.
Stm 24	410553N733351.1	Alex Gray	1965	90	Dra	6	160	57	OH	--	--	--	R	47	3-65	15	65	6	35a	Dom, U	Medium gravel: 0-47 ft.
Stm 25	410613N733402.1	Mrs. Fred Hoth, Sr.	1964	100	Drc	6	201	58	OH	--	--	--	R	30	12-64	13	47r	8	35b	Com, U	L.
Stm 26	410431N733117.1	Glenbrook Laboratories	1927	50	Drc	6	241	55	OH	--	--	--	R	50	6-66	6	69r	--	40b	Ind, U	Water has high sulfate content; well used only 1 hour a week.
Stm 27	410547N733108.1	Mochlett Laboratories	1965	87	Drc	10	324	45	OH	--	--	--	R	35	6-65	31	153	24	50p	Ind, U	CA, water softener used; gravel: 0-35 ft.
Stm 28	410925N733226.1	H. Bischoff	1965	185	Dra	6	185	56	OH	--	--	--	R	53		--	--	--	7a	Dom, U	Sand and gravel: 0-53 ft.
Stm 29	410643N733037.1	A. Walker	1965	105	Dra	6	135	52	OH	--	--	--	R	52	12-65	10	90	6	4a	Dom, U	Medium gravel: 0-52 ft.
Stm 30	410515N733330.1	Stamford Water Co.	1962	58	Drc	8	38	28	S	28- 38	8	--	S & G	42		--	--	--	75p	Test, Des	L, aquifer reported "very dirty."
Stm 31	410351N733247.1	do	1963	25	Drc	8	60	50	S	50- 60	8	--	S & G	69	3-63	4	--	--	150p	Test, Des	L, estimated long-term yield: 150-200 gpm.
Stm 32	410347N733244.1	do	1963	26	Drc	8	55	45	S	45- 55	8	--	S	69	3-63	4	--	--	200p	Test, Des	L, estimated long-term yield: 200-250 gpm.
Stm 33	410913N733536.1	Charles S. Hornor	1964	445	Drc	6	126	48	OH	--	--	--	R	48	6-64	14	86r	4	13b	Dom, U	CA.
Stm 34	410748N733339.1	Lester Rossin	1956	355	Drc	6	210	98	OH	--	--	--	R	15	5-56	25	35r	8	20b	Dom, U	CA.
Stm 35	410618N733443.1	Arthur Gumski	1965	285	Dra	6	300	70	OH	--	--	--	R	45	6-65	40	180	6	3a	Dom, U	CA.
Stm 36	410618N733240.1	Steven Goriak	1957	157	Drc	6	157	25	OH	--	--	--	R	15	4-57	11	--	--	5	Dom, U	CA.
Stm 37	410551N733052.1	A. Russo	1964	100	Dra	6	185	30	OH	--	--	--	R	3	8-64	53	47	4	5a	Dom, U	CA.
Stm 38	410537N733058.1	Sealtest Foods Division of National Dairy Products	1930c	67	Drc	10	191	57	P OH	46- 57 57-191	10 --	-- --	G R	57		--	--	--	300p	Ind, U	CA, gravel: 0-57 ft, water is poor quality.
Stm 39	410312N733131.1	Acme Electro-Plating	1962c	17	Drc	6	65	65	O	--	--	--	G	--		--	--	--	15	Ind, U	Supplies about 9,500 gpd; finished in gravel; much sand and silt pumped when developed.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield test: Yield (gpm)	Purpose and status of well	Remarks
													Town of Stratford								
St 1	411015N730920.1	Town of Stratford	1961	9	Drc	6	21	16	S	16- 21	6	188	S & G	52	12-61	5	7	12	18p	Test, Des	L, originally cased to 53.5 ft.
St 2	411017N730921.1	do	1961	9	Drc	6	17.1	11.1	S	11.1-17.1	6	188	S & G	54	12-61	6	6	8	18p	Test, Des	L, originally cased to 53.75 ft.
St 3	411018N730922.1	do	1961	9	Drc	6	18	13	S	13- 18	6	188	S & G	58	12-61	6	2	5	20p	Test, Des	L, originally cased to 57.5 ft.
St 4	411107N730846.1	Ohio Rubber Co.	1956	25	Drc	8	500	23	OH	--	--	--	R	9	4-65	2.84	340	8	8	Ind, Un	L, never used because of inadequate yield.
St 5	411046N730840.1	Alan Mulchon	1961	15	Drc	6	60	14	OH	--	--	--	R	5	6-61	3	39r	1	20b	Dom, Ab	L.
St 6a	411122N730815.1	Ross & Roberts, Inc.	1960c	15	Drv	2½	20	17	W	17- 20	2½	--	S	--	6-66	1	--	--	125p	Ind, U	Three other similarly constructed wells, St 6b-6d at this site; yield is for all 4 wells combined, which supply 180,000 gpd.
St 7	411122N730815.5	do	1960c	15	Drc	8	14	14	O	--	--	--	S	--	6-66	1	--	--	--	Ind, U	L.
St 8	411122N730815.6	do	1960c	15	Drc	8	20	14	S	14- 20	8	--	S	--	6-66	1	--	--	--	Ind, U	L, screen is clogged, well to be abandoned.
													Town of Trumbull								
Tr 1	411723N731412.1	J. Snyder	1950c	300	Dug	36	13.9	14	C	--	--	--	S	--	7-64	8.77	--	--	--	Ind, U	CA, supplies at least 10,000 gpd for cooling.
Tr 3	411644N731316.1	Edward Tomer	1930c	215	Dug	36	7.9	--	OS	0- 8	36	--	S & G	--	8-64	4.30	--	--	--	Dom, Ab	WL.
Tr 4	411640N731317.1	do	1940c	215	Dug	72	17.6	--	OS	0- 18	72	--	S & G	--	8-64	10.77	--	--	--	Dom, U	T 51.5° 8-64.
Tr 5	411550N731254.1	Bridgeport Hydraulic Co.	1957	180	Drc	10	54	42	S	42- 54	10	60	S & G	57	11-57	9.51	--	49.5	645p	Test, Des	L.
Tr 6	411544N731247.1	do	1957	173	Drc	10	51	41	S	41- 51	10	--	S & G	64	11-57	10	16	--	30p	Test, Des	L.
Tr 7	411547N731252.1	do	1957	180	Drc	6	80	80	O	--	--	--	S & G	73	11-63	6	--	--	--	Test, Des	L.
Tr 8	411548N731257.1	do	1957	180	Drc	6	35	29	O	--	--	--	S & G	28	11-57	6	--	--	--	Test, Des	L.
Tr 9	411503N731216.1	James McClinch	1960	145	Dug	36	19.9	20	C	--	--	--	S & G	--	8-64	19.17	--	--	--	Dom, U	Well dry summer 1963.
Tr 10	411424N731115.1	Edward Raymond	1930c	115	Dug	24	12.8	--	OS	0- 13	24	--	S & G	--	8-64	11.77	--	--	--	Dom, Un	
Tr 11	411418N731103.1	Jacob Melitz	1930c	102	Dug	36	19.0	--	OS	0- 19	36	--	S & G	--	8-64	17.24	--	--	--	Dom, U	Water produces slight iron stain on porcelain.
Tr 12	411443N731053.1	George Ziron	1942c	120	Dug	36	15.9	--	OS	0- 16	36	--	S & G	--	8-64	15.66	--	--	--	Dom, U	Dry summer 1961.
Tr 13	411344N731059.1	Marie Langdon	1948c	130	Dug	36	9.4	10	C	--	--	--	S & G	--	8-64	8.10	--	--	--	Dom, U	Never fails.
Tr 14	411440N731128.1	Joseph Mancinelli	1939	120	Dug	36	18.2	--	OS	0- 18	36	--	S & G	--	8-64	16.55	--	--	--	Dom, Un	Never failed.
Tr 15	411430N731102.1	Nicholas Bevans	1957c	100	Dug	36	13.8	14	C	--	--	--	S & G	--	8-64	11.83	--	--	--	Dom, U	Never fails.
Tr 16	411706N731618.1	Bridgeport Hydraulic Co.	1952c	315	Drc	6	130	40?	OH	--	--	--	R	35?	-52	15?	--	--	10	Dom, U	
Tr 17	411455N731132.1	Claude Mantle	1957	155	Drc	6	200	34	OH	--	--	--	R	14	11-57	16	164r	4	4.5b	Dom, U	Clay and cobbles: 0-14 ft.
Tr 18	411705N731230.1	Lester R. Knecht	1955	465	Drc	6	100	32	OH	--	--	--	R	13	11-55	10	70r	4	6b	Dom, U	CA, water is treated for iron.
Tr 19	411752N731318.1	Mrs. John Bartko	1956	505	Drc	6	196	53	OH	--	--	--	R	47	1-56	35	155r	55min	5.5b	Dom, U	CA.
Tr 20	411632N731433.1	F. E. Furze	1961	485	Drc	6	220	37.5	OH	--	--	--	R	35	4-61	24	186r	20min	2b	Dom, U	CA.
Tr 21	411443N731053.1	Howard Hempel	1957	128	Drc	6	95	15.5	OH	--	--	--	R	10	2-57	6	24r	1	13b	Dom, U	CA, gravel: 0-10 ft.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield test: Yield (gpm)	Purpose and status of well	Remarks
												Town of Weston									
Wes 1	411336N732037.1	F. Leopold	1955	182	Drc	6	240	30	OH	--	--	--	R	15	9-55	Flows	200r	6	4.3b	Dom, U	
Wes 4	411415N732236.1	Mrs. John Notman	1955	330	Drc	6	139	31	OH	--	--	--	R	20	9-55	35	--	--	40b	Dom, U	CA.
Wes 7	411057N732136.1	Arthur Miller	1964	75	Drc	6	88	50	OH	--	--	--	R	45	7-64	18	52r	1	12b	Dom, U	L.
Wes 8	411346N732041.1	Edward Case	1964	130	Dra	6	410	18.2	OH	--	--	--	R	15	8-64	4.88	--	--	6a	Dom, U	L.
Wes 10	411353N732412.1	Richard Bingham	1964	420	Drc	6	128	15	OH	--	--	--	R	42	7-64	26	102r	1	12b	Dom, U	
Wes 11	411355N732413.1	do		420	Dug	36	14.3	--	OS	0- 14	36	--	Till	--	9-64	8.23	--	--	--	Dom, Un	
Wes 13	411117N732138.1	William Major	1958	110	Drc	6	168.4	28	OH	--	--	--	R	20	5-65	25.74	73r	4	8.5b	Dom, U	
Wes 16	411205N732116.1	Henry Farne	1962	140	Drc	6	210	20	OH	--	--	--	R	10	12-62	20	190r	--	1.5b	Dom, U	
Wes 17	411441N732034.1	John Zarback	1956	160	Drc	6	160	21	OH	--	--	--	R	10	5-56	25	--	--	2b	Dom, U	Gravel: 0-10 ft.
Wes 18	411109N732209.1	Geoffrey Naylor	1965	59	Drc	6	95	62	OH	--	--	--	R	50	9-65	19	--	--	75p	Dom, U	L.
Wes 19	411202N732326.1	Spier-Havoc	1964	170	Dra	6	155	20	OH	--	--	--	R	17	12-64	10	145	2	30a	Dom, U	L.
Wes 20	411243N732200.1	H. Y. Mathewson	1959	285	Drc	6	130	22	OH	--	--	--	R	15	7-59	10	78r	4	8b	Dom, U	CA.
Wes 21	411324N732350.1	Mrs. Elise Demytt	1965	410	Drc	6	255	35	OH	--	--	--	R	30		--	--	--	4.5b	Dom, U	CA.
Wes 22	411321N732055.1	Robert E. Jonnson	1966	125	Drc	6	59.8	60	O	--	--	--	G	--	6-66	19	--	--	16b	Dom, Un	
Wes 23	411127N732136.1	Walter Wolble	1966	90	Dra	6	305	20	OH	--	--	--	R	12	2-66	10	295	2	3a	Dom, Un	Clay: 0-12 ft.
												Town of Westport									
Wp 4	411103N732009.1	P. Kimball	1956	250	Drc	6	218	28	OH	--	--	--	R	2	11-56	40	60	6	50	Dom, U	
Wp 5	410905N732048.1	F. Anderson	1956	120	Drc	6	95.5	28.5	OH	--	--	--	R	10	4-56	3	74r	1	13b	Dom, U	
Wp 9	410856N732154.1	Bridgeport Hydraulic Co.		10	Dug	48	20	12	S	12- 20	48	--	G	90	-56c	4	--	--	700p	PS, U	CA, T 55.5° 8-64, supplies 1 mgd, well #3.
Wp 10	410902N732159.1	do	1952	5	Dug	18	69	44	GS	44- 69	18	125	S & G	72	6-52	3	26	24	1500p	PS, U	L, CA, T 64° 8-64, supplies 1.6 mgd, well #4.
Wp 11	410904N732201.1	do	1953	7	Drh	16	68	31	GS	31- 41 41- 68	16 16	150 250	S & G	72	11-53	6.30	17.70	4	2100p	PS, U	L, CA, T 66° 8-64, supplies 3.0 mgd, well #5.
Wp 12	410859N732200.1	do	1957	5	Drh	24	90	64	GS	64- 77 77- 90	24 24	150 250	S & G	95	12-57	8.16	29.18	25	1845p	PS, U	L, CA, T 64° 8-64, supplies 3.2 mgd, well #6.
Wp 14	410942N732205.1	do	1956	50	Drc	8	78	78	O	--	--	--	S & G	76		--	--	--	--	Test, Des	L.
Wp 15	410937N732204.1	do	1956	40	Drc	8	75	73	O	--	--	--	S & G	73	6-56	23	--	--	--	Test, Des	L.
Wp 16	410940N732204.1	do	1956	20	Drc	10	48	33	S	33- 48	10	80	S & G	--	6-56	4.50	41.5	9	400p	Test, Des	L.
Wp 17	410926N732157.1	do		20	Drc	8	47	47	O	--	--	--	S & G	47		--	--	--	--	Test, Des	L.
Wp 18	410930N732156.1	do		20	Drc	8	54	54	O	--	--	--	S & G	49		--	--	--	--	Test, Des	L.
Wp 19	410927N732159.1	do		20	Drc	8	41	41	O	--	--	--	S & G	40		--	--	--	--	Test, Des	L.
Wp 20	410855N732158.1	do	1957	10	Dra	2	85	83	S	83- 85	2	--	S & G	93	12-57	6.59	--	--	--	Test, Un	L.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield (gpm)	Purpose and status of well	Remarks
													Town of Westport--Continued								
Wp 21	411034N732144.1	Bridgeport Hydraulic Co.	1964	35	Drc	10	71.0	50	S	50- 70	8	--	S & G	73	10-64	1.60	29	25	545p	Test, Des	L, CA, PT, T 52° 10-64, 8-inch casing pulled, and well replaced by Wp 21a.
Wp 21a	411034N732144.2	do	1964	35	--	2	47.6?	--	W	--	--	--	S & G	73	5-65	1.30	--	--	--	Obs, Des	Used as observation well during pump test of Wp 29.
Wp 22	411033N732153.1	do	1964	38	Drc	2	65.2	63	W	63- 65	2	--	S & G	72	10-64	1.24	--	--	--	Obs, U	L, WL, originally 8-inch diameter well, casing pulled.
Wp 27	411035N732125.1	James Czel	1952c	60	Drc	6	150	75	OH	--	--	--	R	75		--	--	--	--	Dom, U	Filter used to remove iron from water.
Wp 28	411034N732128.1	H. S. Pascal	1937c	60	Drc	6	77	77	O	--	--	--	G	--	-37	15	--	--	40	Dom, U	
Wp 29	411031N732143.1	Bridgeport Hydraulic Co.	1965	40	Drh, Drc	24	58.6	35	GS	35- 60	24	250	S & G	84	5-65	3.82	34	24	1520p	PS, U	L, PT, T 53.5° 5-65, cable tool used from 66-90 ft in silt.
Wp 30	411036N732145.1	do	1965	35	Drh	24	59.3	41	GS	41- 61	24	250	S & G	--	5-65	2.56	--	--	1100p	PS, U	L.
Wp 31	411050N732043.1	Colin Gush	1956	80	Drc	6	77	30	OH	--	--	--	R	18	11-56	10	--	6	4	Dom, U	Gravel: 0-18 ft.
Wp 32	411055N732055.1	E. M. Warburg	1957	80	Drc	6	368	25	OH	--	--	--	R	15	8-57	15	45r	8	40b	Dom, U	L, T 49° 5-65, water has slight iron color upon standing.
Wp 33	410937N732220.1	L. E. Ehrhard	1956	75	Drc	6	107	53.5	OH	--	--	--	R	44	2-56	24	56r	5.5	12b	Dom, U	CA, coarse gravel: 0-44 ft.
Wp 34	410951N732216.1		1961	55	Drc	6	140.3	64	OH	--	--	--	R	64	5-65	18.15	95r	20min	7.5b	Dom, U	L.
Wp 35	411026N732123.1		1961	65	Drc	6	30	30	O	--	--	--	S	--	8-61	4	4.5	8	65	Dom, Un	L.
Wp 36	411006N732128.1	M. A. Barrett	1958	55	Drc	6	95	79	OH	--	--	--	R	65	7-58	15	52r	3	15b	Dom, U	L, casing cemented 12 ft into rock.
Wp 37	411038N732231.1	Bridgeport Hydraulic Co.	1960	82	Drc	6	53	43	S	43- 53	6	250	G	--	7-60	20	--	--	60p	PS, Un	L, originally finished as open end in gravel, supplied 100,000 gpd.
Wp 38	411052N732237.1	E. F. McCabe	1963	100	Drc	6	165	20	OH	--	--	--	R	14	9-63	25	--	--	7.5	Dom, U	CA.
Wp 39	410944N732253.1	Weinstein	1961	65	Drc	6	100	35.5	OH	--	--	--	R	32	10-61	4	86r	--	25b	Dom, U	L.
Wp 40	410956N732258.1	R. L. Moonan	1956	100	Drc	6	100	24	OH	--	--	--	R	15		--	--	--	20	Dom, U	Coarse gravel: 0-15 ft.
Wp 41	411022N732213.1	Albert Eckart	1956	120	Drc	6	209	29	OH	--	--	--	R	27	5-56	30	--	--	3	Dom, U	Water has iron color upon standing.
Wp 42	411031N732049.1	Jin Loong	1959	70	Drc	6	169	18	OH	--	--	--	R	12	7-59	18	49r	4	15b	Dom, U	Gravel: 0-12 ft.
Wp 43	410955N732245.1	Martin Belford	1955	90	Drc	6	106	36	OH	--	--	--	R	22	9-55	7	93r	6	5b	Dom, U	Gravel: 0-22 ft.
Wp 44	410958N732300.1	Guy LaRouse	1964	92	Dra	6	306	27	OH	--	--	--	R	17	2-64	7	293	--	2.75a	Com, U	Gravel and boulders: 0-17 ft.
Wp 45	411039N732136.1	Dennis Dellus	1963	42	Drc	6	98	89	OH	--	--	--	R	76	10-63	10	--	--	50	Dom, U	L.
Wp 46	410942N732236.1	Lester Sterling	1965	60	Drc	6	120	67	OH	--	--	--	R	62	5-65	14	66r	1	20b	Dom, U	L, water produces iron stains on laundry and porcelain.
Wp 47	410946N732218.1	Arthur Miller	1965	55	Drc	6	97	72	OH	--	--	--	R	68	9-65	19	6	1	40	Dom, U	L.
Wp 48	410922N732254.1	Richard Lake	1965	65	Drc	6	115	76	OH	--	--	--	R	72	11-65	2	108r	1	20b	Dom, U	L.
Wp 49	411048N732132.1	Joseph Banyard	1966	72	Drc	6	184	65	OH	--	--	--	R	58	2-66	38	142r	30min	7.5b	Dom, U.	L.
Wp 50	411032N732146.1	Bridgeport Hydraulic Co.	1955c	30	Drc	2	37.3	--	W	--	--	--	S & G	--	10-64	1.62	--	--	--	Test, Un	Used as observation well during pump test of Wp 21 and Wp 29.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield (gpm)	Purpose and status of well	Remarks
													Town of Wilton								
Wn 3	411130N732600.1	John Findorak		189	Drc	6	165	20	OH	--	--	--	R	18		--	--	--	25b	Dom, U	
Wn 4	411136N732558.1	Wilton Center School		186	Drc	6	128	128	O	--	--	--	R	125		--	--	--	40b	Inst, U	L.
Wn 5	411139N732559.1	Center Store		188	Drc	6	65	65	O	--	--	--	S & G	--		--	--	--	40b	Com, U	Sand and gravel: 0-65 ft.
Wn 6	411140N732557.1	Barringer Store		185	Drc	6	60	60	O	--	--	--	S & G	--		--	--	--	40b	Com, U	Sand and gravel: 0-65 ft.
Wn 8	411141N732652.1	Peter Spadone	1957	365	Drc	6	130	17	OH	--	--	--	R	9	10-57	7	81r	5	9b	Dom, U	Casing cemented 10 ft into rock.
Wn 9	411312N732904.1	Pat Brady	1957	540	Drc	6	100	15	OH	--	--	--	R	8	9-57	28	60r	5	15b	Dom, U	Casing cemented 10 ft into rock.
Wn 12	410942N732509.1	Gateway, Inc.	1956	126	Dug	100	20.5	20.5	P	18.5-20.5	100	320	S & G	--	7-56	6.60	9.6	8.5	127p	Com, Ab	L, perforated casing formed by 6-12 in. x 16 in. screened holes in concrete casing.
Wn 14	411022N732619.1	Mrs. George F. Tyler	1956	365	Drc	6	125	87	OH	--	--	--	R	75	6-56	15	55r	5	12b	Dom, U	CA, T 52° 11-62, casing cemented 12 ft into rock.
Wn 17	411035N732549.1	Lawrence Hewins	1964	275	Drc	6	110	10	OH	--	--	--	R	10	4-64	8	102r	2	15b	Dom, U	Water produces iron stain on procelain.
Wn 18	411215N732400.1	Robert McKennoe	1964	365	Dra	6	172	56	OH	--	--	--	R	45		--	--	--	6a	Dom, U	
Wn 19	411121N732548.1	Bridgeport Hydraulic Co.	1965	168	Drc	2	42.7	39.7	W	39.7-42.7	2	--	S	37	2-65	2.47	--	--	--	Test, Un	L, WL, originally 8-inch well with 7-inch screen set 22.7-42.7 ft.
Wn 20	411117N732546.1	do	1965	170	Drc	8	73	66	O	--	--	--	S	66		--	--	--	--	Test, Des	L.
Wn 21	411150N732605.1	do	1965	186	Drc	8	69	62	O	--	--	--	S & G	62		--	--	--	--	Test, Des	L.
Wn 22	411235N732549.1	do	1965	205	Drc	8	49	42	O	--	--	--	S & G	42		--	--	--	--	Test, Des	L.
Wn 23	411047N732435.1	Gaylord Gorham	1965	200	Drc	6	155.9	14	OH	--	--	--	R	5	3-65	5.99	120r	2	4.5b	Dom, U	L.
Wn 24	411248N732543.1	Bridgeport Hydraulic Co.	1965	215	Drc	8	48	28	S	28- 48	8	80	S & G	48	4-65	2.37	14	24	230p	Test, Des	L, CA, T 49.5° 4-65.
Wn 25	411250N732546.1	do	1965	215	Drc	1¼	59.1	56	W	56- 59.1	1¼	--	S & G	58	4-65	.09	--	--	--	Obs, U	L, WL, originally 8-inch well.
Wn 26	410938N732517.1	Perkin-Elmer Co.	1961	120	Dra	6	302	24	OH	--	--	--	R	12	9-61	6	294	--	17.5a	Ind, U	L.
Wn 27	410937N732520.1	do	1961	120	Dra	6	250	20	OH	--	--	--	R	10	9-61	Flows	250	--	12a	Ind, U	Flowed at 5 gpm when drilled.
Wn 28	411123N732551.1	Escambia Chemical Co.	1957	173	Drc	8	45	35	S	35- 45	8	60	G	58	6-57	6	27	8	275p	Ind, Un	L, well used for fire protection.
Wn 29	411122N732556.1	do	1957	175	Drc	8	45	35	S	35- 45	8	40	G	--	6-58	7	26	8	50p	Ind, U	L, supplies about 64,800 gpd.
Wn 30	411240N732551.1	Community Park Association		205	Drc	10	--	--	S?	--	--	--	S & G	44.3	1-66	4.60	--	--	--	PS, U	Water used to fill swimming pond in summer.
Wn 31	411537N732617.1	Albert Necozzi	1966	345	Drc	6	138	23	OH	--	--	--	R	23	1-66	20	--	--	6	Dom, Un	Gravel: 0-23 ft.
Wn 32	411102N732510.1	Edward Hardy	1964	155	Drc	6	126	112	OH	--	--	--	R	105	11-64	9	46r	2	40b	Com, U	L.
Wn 33	411101N732507.1	Alex Frank	1957	170	Drc	6	147	47	OH	--	--	--	R	46	5-57	16	104r	--	6b	Dom, U	L, casing cemented into rock.
Wn 34	411114N732519.1	Keyes-Shluntz	1962	183	Drc	6	168	66	OH	--	--	--	R	59	12-62	30	138r	--	4.5b	Dom, U	Gravel: 0-59 ft.
Wn 35	411117N732517.1	J. T. Sonodo	1964	186	Drc	6	117	50	OH	--	--	--	R	40	8-64	15	--	--	2	Dom, U	Sand: 0-40 ft.
Wn 36	411115N732513.1	Mrs. Harry Firman	1965	194	Drc	6	148	50	OH	--	--	--	R	49	3-65	40	--	--	10	Dom, U	Gravel: 0-49 ft.
Wn 37	411345N732532.1	Wiser & Rosenberg	1962	251	Drc	6	152	40	OH	--	--	--	R	31	12-62	10	142r	--	20b	Dom, U	Gravel: 0-31 ft.
Wn 38	410952N732506.1	Fred Kuehnel	1965	135	Dra	6	173	53	OH	--	--	--	R	53	3-65	11	--	--	15	Dom, U	
Wn 39	411020N732459.1	Alfred Petrocci	1965	147	Drc	6	85	32	OH	--	--	--	R	30	6-65	12	18	20	30	Dom, U	Gravel: 0-30 ft.

Table 1.--Records of selected wells--Continued

Well no.	Location	Owner	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish: Type	Finish: Depth (ft)	Finish: Diameter (in.)	Finish: Slot opening	Type of aquifer	Depth to bedrock (ft)	Static water level: Date of measurement	Static water level: Height above(+) or depth below land surface (ft)	Yield test: Drawdown or recovery (r) (ft)	Yield test: Duration of test (hrs)	Yield test: Yield (gpm)	Purpose and status of well	Remarks
													Town of Wilton--Continued								
Wn 40	411051N732457.1	Wilton Historical Society	1962	159	Drc	6	100	27	OH	--	--	--	R	18	10-62	18	67r	2	7b	Inst, Dom, U	Gravel: 0-18 ft; casing cemented 30 ft into rock.
Wn 41	411049N732443.1	Louis O. Wheeler	1965	191	Drc	6	80	24	OH	--	--	--	R	16	6-65	10	15r	3	25b	Dom, U	
Wn 42	411105N732512.1	The Powerhouse	1965	160	Drc	6	145	143	OH	--	--	--	R	138	4-65	12	8r	1	15b	Com, U	L.
Wn 43	411117N732528.1	Mrs. George Waters	1956	186	Drc	7	117	53	OH	--	--	--	R	48	5-56	26	64r	--	9b	Dom, U	L.
Wn 44	411108N732524.1	Gerhard Shuten	1964	170	Drc	6	135	15	OH	--	--	--	R	10	12-64	23	77r	3	15b	Dom, U	Gravel: 0-10 ft.
Wn 45	411110N732534.1	John Gouggels	1959	165	Drc	7	47	47	P	40- 47	7	250	O	--	5-59	4	36r	8	12b	Dom, U	L, 7-inch casing perforated with slots 0.25 in. wide and 3 in. long.
Wn 46	411058N732422.1	William A. O'Brien	1964	245	Dra	6	95	30	OH	--	--	--	R	30	5-64	15	80	2	10a	Dom, U	CA.
Wn 47	411318N732551.1	W. B. Wissinger	1955	295	Drc	6	200	22	OH	--	--	--	R	0	9-55	40	60r	4	4b	Dom, U	CA, casing cemented 10 ft into rock.
Wn 48	411129N732629.1	Tom Scott	1956	305	Drc	6	100	14	OH	--	--	--	R	8	8-56	10	78r	6	12.5b	Dom, U	CA, casing cemented 6 ft into rock.
Wn 49	411003N732430.1	John McDonald	1960	235	Drc	6	105	18	OH	--	--	--	R	10	6-60	25	50r	2	7b	Dom, U	CA.
Wn 50	411315N732835.1	Town of Wilton, Fire Department	1957	560	Drc	6	71	11	OH	--	--	--	R	0	10-57	15	35r	5	6b	Inst, U	CA.
Wn 51	411440N732723.1	Charles Lokey	1959	595	Drc	6	200	20	OH	--	--	--	R	12	10-59	Flows	200r	--	2b	Dom, U	CA, casing cemented 8 ft into rock.
Wn 52	411252N732556.1	Arnold Finnern	1951c	222	Drc	6	100	100	O	--	--	--	G	--	-51c	8	--	--	--	Dom, Dom, U	
Wn 53	411222N732554.1	Town of Wilton, High Schools	1949c	208	Drc	12	62	36	GS	36- 46	8	30	S & G	--	-49c	4	41	8	70p	Inst, U	
Wn 54	411244N732556.1	Community Park Association	1960c	208	Drc	6	155	130	OH	--	--	--	R	125	-60c	3	--	--	--	Dom, U	L, well started with 8-inch casing and then finished with 6-inch casing from 100 ft to rock because of silting.
Wn 55	411346N732537.1	Christian Science Church	1966	262	Dra	6	40	40	O	--	--	--	G	--		--	--	4	100a	Inst, Un	L.
Wn 56	411102N732514.1	Frank Mercede	1964	162	Drc	6	74.4	74.4	O	--	--	--	S & G	--	7-64	18	22	8	45	Dom, Un	Gravel and sand: 0-74.4 ft.
Wn 57	411037N732411.1	George Keller	1961	202	Dra	6	130	20	OH	--	--	--	R	11	10-61	14	116	--	8a	Dom, U	L.
Wn 58	411415N732851.1	R. J. Brosman	1964	554	Drc	6	85	55	OH	--	--	--	R	50	7-64	2	78r	2	6b	Dom, U	L.
Wn 59	411047N732413.1	Jayne Brothers	1966	190	Drc	6	135	35	OH	--	--	--	R	20	3-66	1	99r	1	15b	Ind, U	Gravel: 0-20 ft.
Wn 60	411006N732507.1	Trak Electronic Co.	1959	134	Drc	8	41	36	S	36- 41	8	60	S & G	40	7-59	12	23	24	175	Ind, U	L, supplies about 3,000 gpd.
Wn 61	410955N732719.1	Robert E. Billmeyer	1965	189	Dra	6	107	30?	OH	--	--	--	R	25	2-65	3	--	--	25a	Dom, U	Sand and gravel: 0-25 ft.
Wn 62	410958N732749.1	A. A. Slade	1950	180	Drc	6	157	30	OH	--	--	--	R	25	-50	5	--	--	9	Dom, U	Sand and gravel: 0-25 ft.

Figure 2.--Logs of selected test holes and wells

Well and test hole number: See text for explanation and plate A for location. Location numbers of test holes and wells omitted for brevity. Location numbers of wells are given on table 1. Location numbers of test holes shown and logs of numerous other test holes in the basins are on file with the U.S. Geological Survey, WRD, Hartford, Conn.

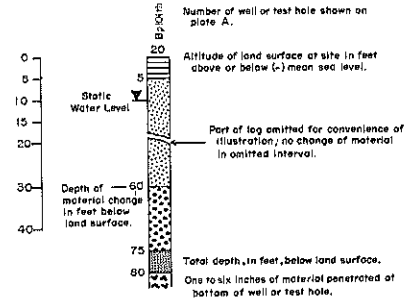
These graphical logs represent interpretation and simplification by R. B. Ryder of logs of wells prepared by well drillers and consulting geologists and logs of test holes prepared by the Connecticut State Highway Department, the U.S. Geological Survey, test boring contractors, and water well drillers. Interpretation of materials described in logs are based on the grain-size scale shown on the right.

Material description	Grain size (mm)
Very coarse gravel	32
Coarse gravel	16 - 32
Medium gravel	8 - 16
Fine gravel	4 - 8
Very fine gravel	2 - 4
Very coarse sand	1 - 2
Coarse sand	0.5 - 1
Medium sand	0.25 - 0.5
Fine sand	0.125 - 0.25
Very fine sand	0.0625 - 0.125
Silt	0.004 - 0.0625
Clay	0.004

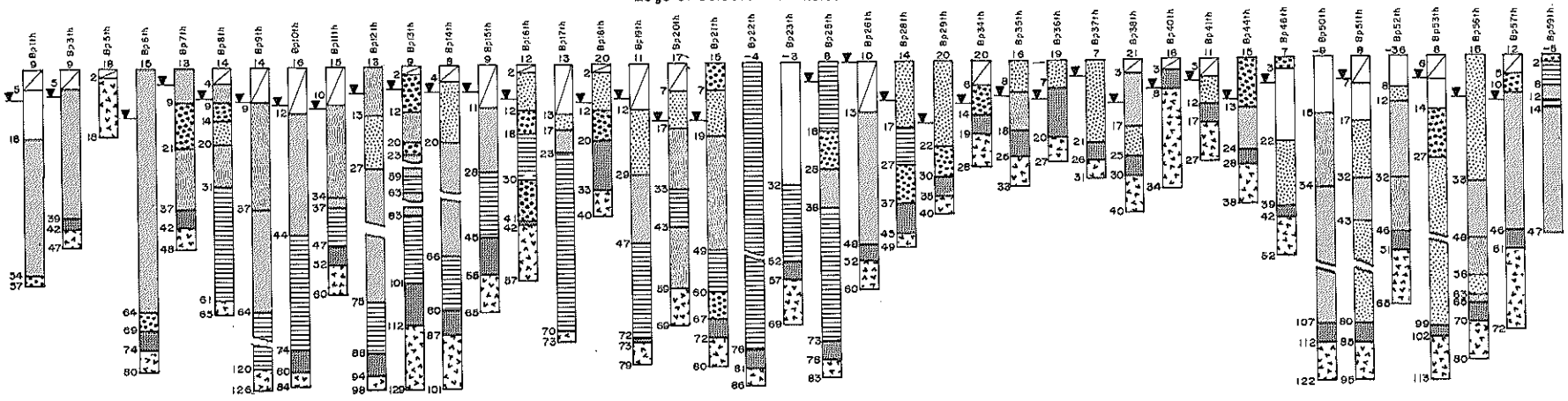
E X P L A N A T I O N

- Fill, soil, asphalt
- Peat, muck, mud, swamp deposits.
- Silt, clay, or both.
- Fine to very fine sand and silt; includes medium sand in some places.
- Very fine to medium sand.
- Medium to very coarse sand; includes very fine gravel and fine sand in some places.
- Sand and gravel; contains beds of sand with up to 25 percent gravel and beds of gravel with up to 75 percent sand.
- Sand and gravel, poorly sorted; contains beds of sand with up to 25 percent gravel and beds of gravel with up to 75 percent sand.
- Gravel; contains up to 75 percent sand.
- Gravel, poorly sorted; contains up to 75 percent sand and silt.
- Till
- Bedrock, undifferentiated.
- Bedrock, marble; includes deeply weathered sections.

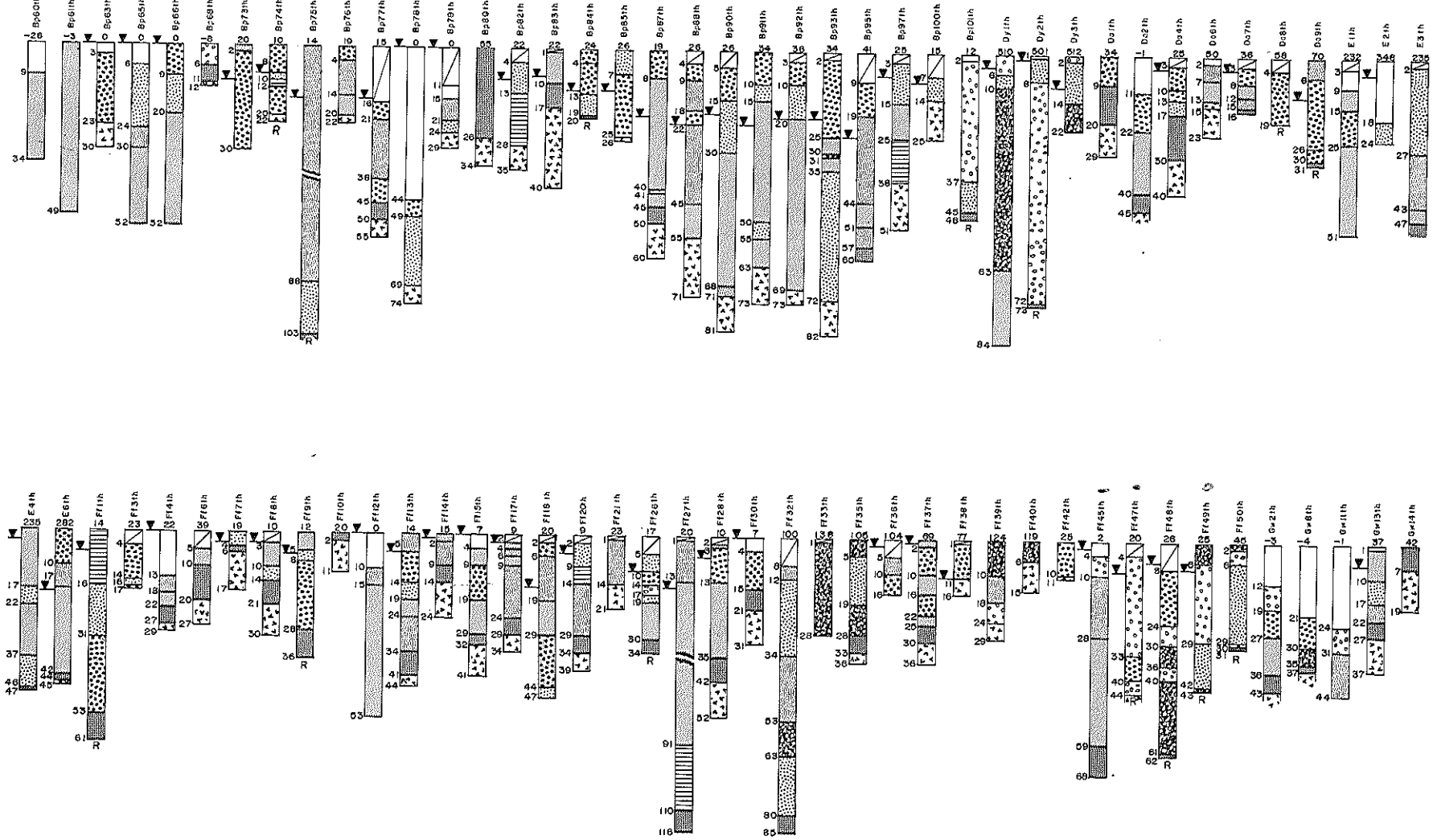
R - Refusal.



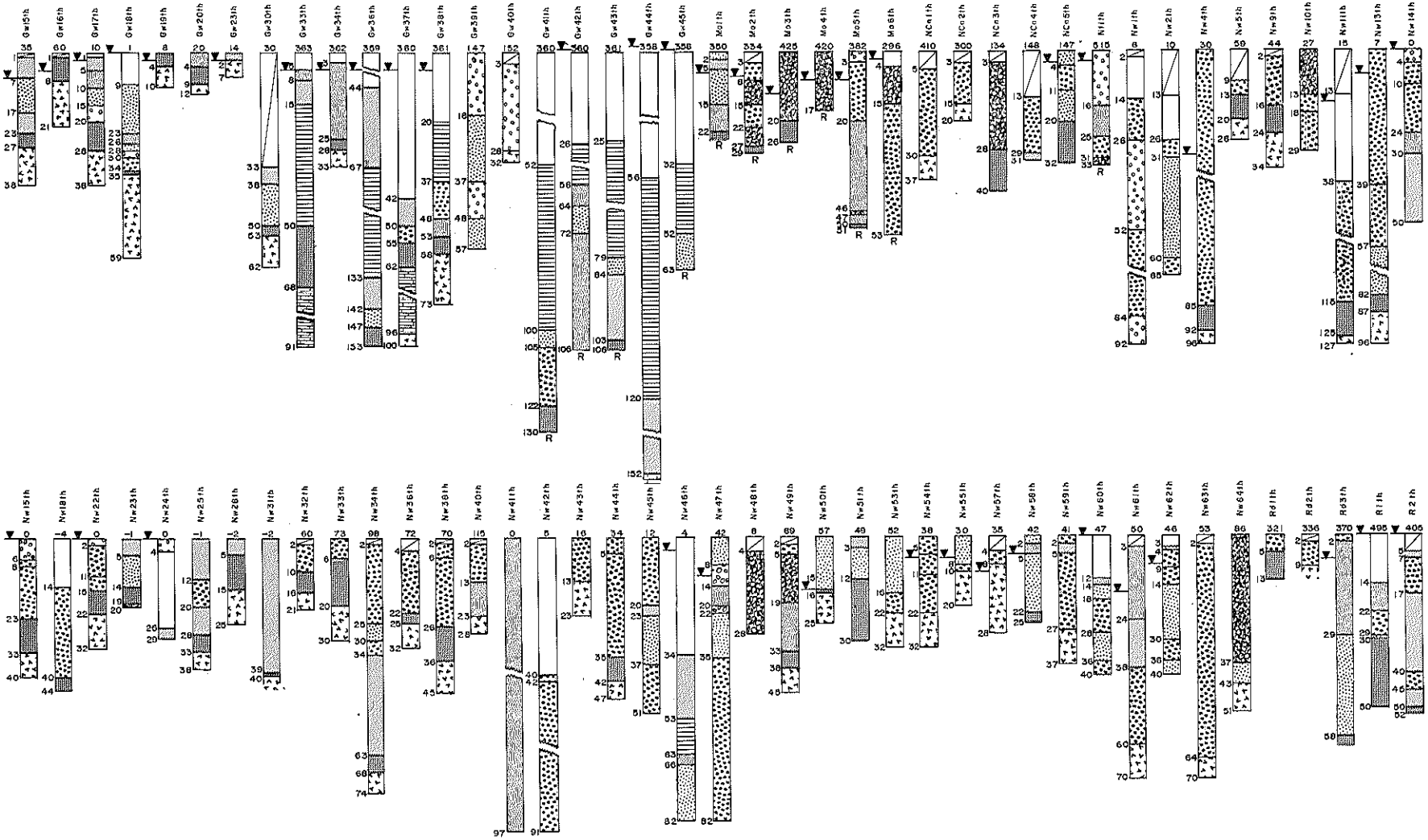
Logs of selected test holes



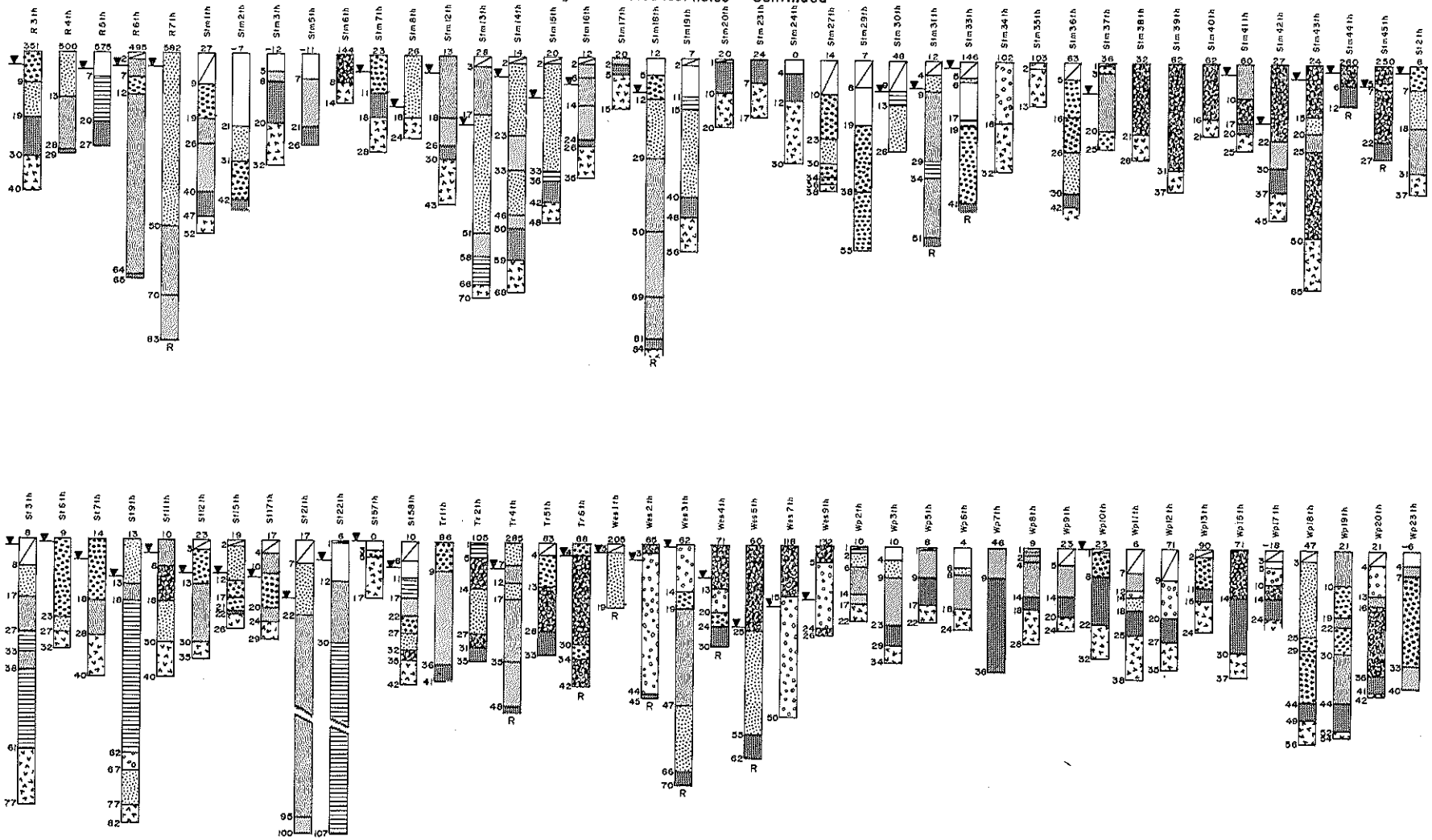
Logs of selected test holes-- Continued



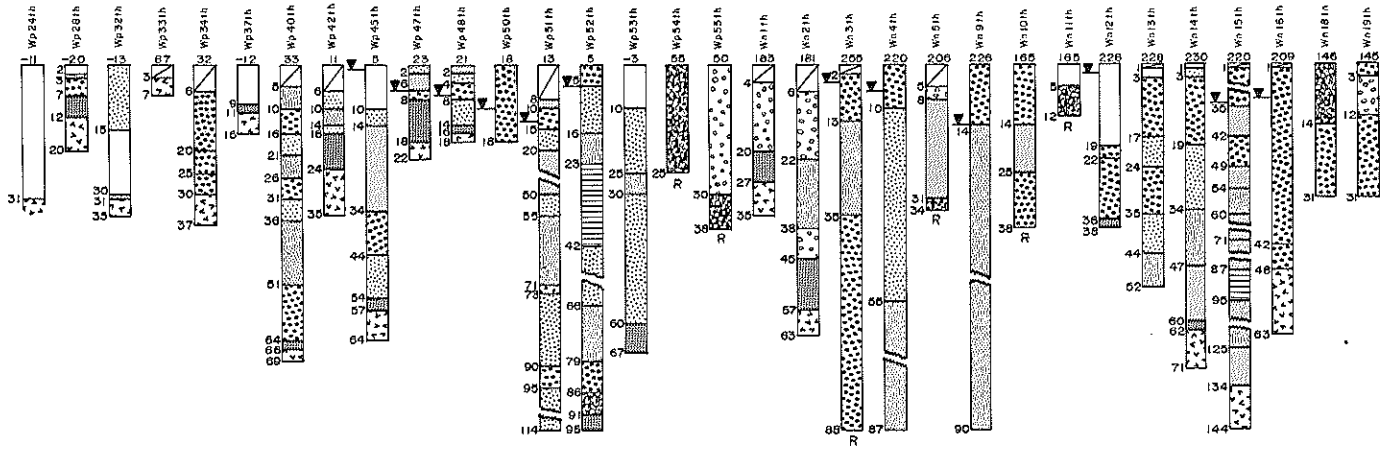
Logs of selected test holes--Continued



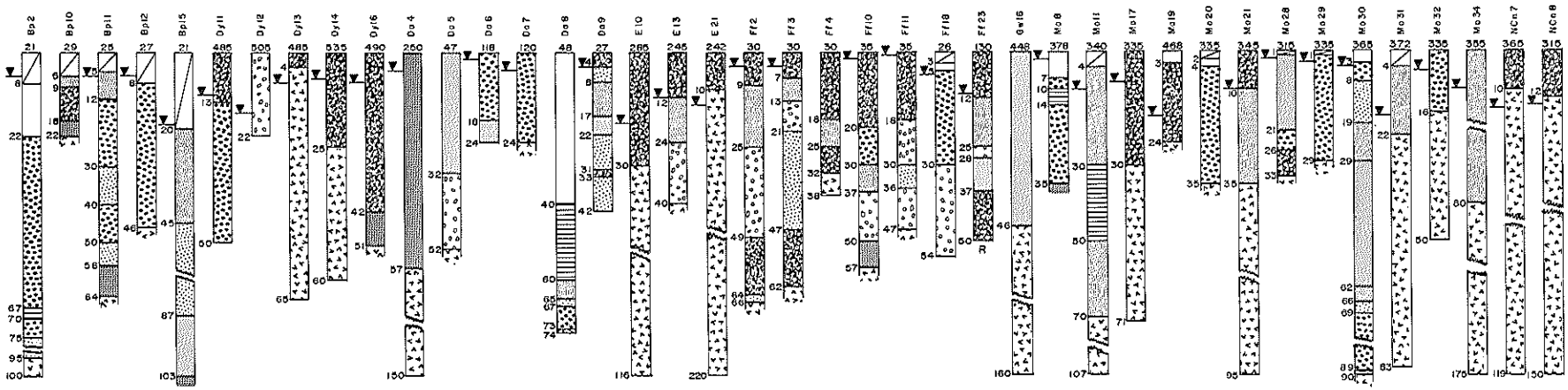
Logs of selected test holes--Continued



Logs of selected test holes--Continued



Logs of selected wells



Logs of selected wells --Continued

Logs of selected wells--Continued

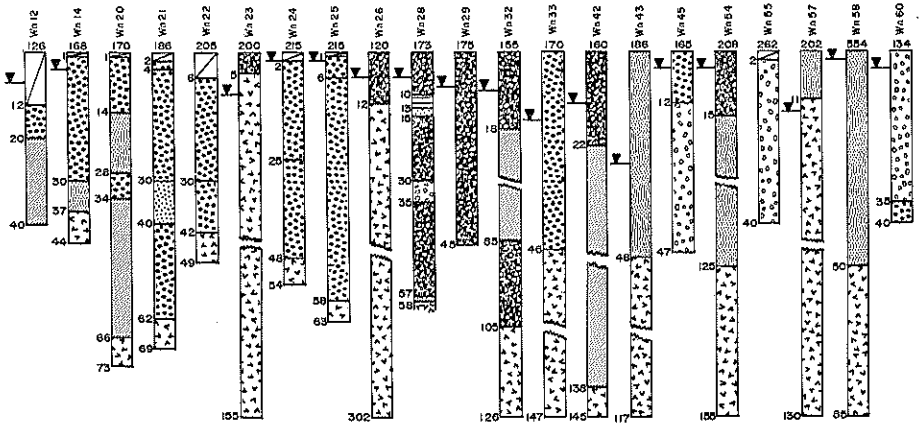


Table 2.--Laboratory analyses of samples of stratified drift

Sampling: All samples were disturbed but uncontaminated and were collected by vertically driving a sampler through the depth interval indicated. Samples from Rd 3 th and Tr 4 th were collected with a porter drive sampler, the remainder were collected with a split-spoon drive sampler.

Analyses: All analyses were made by the U.S. Geological Survey, and the particle-size distribution determined by sieve analyses.

Well or test hole number: See text for explanation of numbering system and plate A for location; "th" suffix indicates test hole.

Location: See text for explanation of location system.

Median grain size: A measure of average particle size obtained graphically by locating the particle size associated with the midpoint of the cumulative particle-size distribution.

Uniformity coefficient: Calculated from the cumulative frequency graph plotted from the results of particle-size analyses. It is defined as "... the quotient of (1) the diameter of a grain that is just too large to pass through a sieve that allows 60 percent of the material, by weight, to pass through, divided by (2) the diameter of a grain that is just too large to pass through a sieve that allows 10 percent of the material, by weight, to pass through." (Meinzer, 1923, p. 46)

Well or test hole no.	Location	Depth interval sampled (ft below land surface)	Particle-size distribution (percent by weight): Clay and silt (<0.0625mm)	Very fine sand (0.0625-.125mm)	Fine sand (0.125-.25mm)	Medium sand (0.25-.5mm)	Coarse sand (0.5-1.0mm)	Very coarse sand (1.0-2.0mm)	Gravel (>2.0mm)	Median grain size (mm)	Uniformity Coefficient (C_u)
Bp 101 th	411220N731119.1	18-19.5	6.6	3.8	7.0	7.6	7.4	6.2	61.4	5.30	88.7
Bp 101 th	411220N731119.1	38-39.5	22.4	41.9	25.1	3.0	1.7	.8	5.1	.105	4.8
Dy 1 th	412021N732801.1	13-14	7.8	9.0	12.3	13.7	11.1	10.4	35.7	.800	18.6
Dy 1 th	412021N732801.1	28-29	7.9	10.6	24.9	10.8	14.7	8.3	22.8	.370	8.4
Dy 1 th	412021N732801.1	43-44	20.4	11.0	12.5	10.6	9.1	10.5	25.9	.370	25.0
Dy 2 th	412008N732806.1	8- 9	10.0	5.2	9.6	16.7	19.6	10.5	28.4	.700	16.2
Dy 2 th	412008N732806.1	28-29	10.7	12.5	34.0	8.6	9.3	6.0	18.9	.213	5.2
Dy 3 th	411953N732807.1	13-14	25.8	27.9	31.7	11.2	1.2	.6	1.6	.115	4.1
Da 8 th	410521N733057.1	18-19	10.9	4.4	7.2	8.3	9.4	10.9	48.9	1.90	72.0
Da 9 th	410520N733049.1	28-29	10.1	10.9	18.3	13.9	13.1	9.9	23.8	.410	12.5
E 6 th	411619N731918.1	15-17	26.8	29.6	35.0	8.6	0	0	0	.110	4.5
E 6 th	411619N731918.1	20-22	51.2	31.2	16.0	1.4	.2	0	0	.060	4.9
Ff 23	411256N731531.1	18-19.5	25.0	41.2	28.6	4.8	.4	0	0	.098	3.0
Ff 47 th	410939N731612.1	38-39.5	4.2	3.2	11.3	24.5	23.8	11.6	21.4	.580	4.8
Ff 48 th	410950N731622.1	33-34.5	7.6	4.2	6.9	9.7	10.7	8.8	52.1	2.40	51.4
Ff 48 th	410950N731622.1	43-44.5	6.7	3.8	7.3	14.2	14.6	9.2	44.2	1.24	22.5
49 th	410943N731631.1	18-19.5	5.6	4.0	9.4	16.0	13.8	9.5	41.7	1.07	17.3
[illegible] 50 th	411041N731602.1	13-14.5	5.2	7.2	53.6	31.5	1.6	.6	.3	.220	2.1
Mo 3 th	412011N731548.1	18-19	8.8	6.7	11.0	8.0	3.9	4.4	57.2	3.70	95.9
Mo 5 th	411923N731420.1	13-14.5	11.1	6.2	17.0	22.2	9.2	8.3	26.0	.400	12.8
Mo 5 th	411923N731420.1	28-29.5	26.4	33.8	34.0	5.4	.4	0	0	.105	3.9
Nt 1 th	412119N732021.1	13-14.5	4.8	3.4	8.1	16.9	15.7	12.9	38.2	1.05	10.9
Nt 1 th	412119N732021.1	23-24.5	19.6	2.6	50.5	25.8	1.2	.2	.1	.200	11.0
Nt 1 th	412119N732021.1	28-29.5	7.9	9.2	37.1	35.0	4.0	2.9	3.9	.235	3.2
Rd 3 th	411857N732517.1	31-34	5.2	5.3	15.6	25.6	17.5	10.3	20.5	.460	5.4
R 7 th	411653N732852.1	8- 9	22.7	23.6	24.3	16.4	8.3	2.7	2.0	.140	6.2
Tr 4 th	411719N731408.1	12-16	5.2	5.4	17.1	46.2	23.5	2.4	.2	.365	3.5
Tr 6 th	411401N731103.1	13-14.5	7.0	4.2	7.6	13.6	12.6	6.3	48.7	1.60	40.0
Wes 2 th	411048N732229.1	33-34.5	3.5	2.3	4.5	7.0	11.3	15.5	55.9	2.40	14.0
Wes 3 th	411054N732218.1	8- 9.5	2.7	6.4	7.9	6.6	12.9	12.6	50.9	2.10	28.6
Wes 3 th	411054N732218.1	63-64.5	16.6	16.4	35.0	27.0	4.8	.2	0	.180	7.2
Wes 5 th	411046N732155.1	23-24.5	14.0	9.9	12.2	9.3	6.8	5.5	42.3	.780	57.8
Wes 5 th	411046N732155.1	25-55	13.4	17.3	30.7	23.2	6.2	2.2	7.0	.220	7.1
Wes 7 th	411254N732059.2	48-49.5	6.9	3.5	5.6	7.6	8.3	7.3	60.8	5.20	86.8
Wp 54 th	411033N732119.1	13-14.5	4.9	2.7	6.7	16.0	12.7	9.2	47.8	1.65	20.0
Wp 54 th	411033N732119.1	23-23.5	10.7	7.7	13.6	16.8	13.0	9.4	28.8	.540	18.0
Wp 55 th	411023N732116.1	8- 9.5	6.7	5.8	16.6	18.7	12.0	6.9	33.3	.550	9.6
Wn 9 th	411300N732607.1	18-19	6.7	16.3	40.8	24.0	3.9	1.9	6.4	.200	3.0
Wn 9 th	411300N732607.1	35-36	28.2	38.7	28.0	4.4	.4	.2	.1	.095	3.7

Table 3.--Records of pumping tests of wells

Town of Fairfield

Ff 18. Bridgeport Hydraulic Co., production well number 1, Cynthia Drive; drilled well penetrating sand and gravel. Test conducted by C. W. Laugman and Co. for 25.5 hours from 0830 EST, 6-6-66 to 1000 EST, 6-7-66 at a constant discharge of 1,016 gpm with a maximum drawdown in the pumping well of 22 ft. Water levels were measured by steel tape in well Ff 2, 183 ft from Ff 18, and in well Ff 3, 438 ft from Ff 18, and are given in feet below land surface. See table 1 for well construction characteristics, plate A for well locations, and figure 2 for logs of Ff 2, Ff 3, and Ff 18.

Time before pumping started (minutes)	Water level in well Ff 2 (ft)	Water level in well Ff 3 (ft)
5,835	2.45	--
5,830	--	2.80
80	2.46	--
75	--	2.79
45	2.46	--
40	--	2.79
35	--	2.79
15	--	2.79
10	2.46	--
0	--	2.79
Time after pumping started (minutes)		
0.5	3.03	2.80
1.0	--	2.82
1.5	3.98	2.85
2.0	4.24	2.87
2.5	4.49	2.90
3.0	4.70	2.94
4	4.95	3.00
5	5.10	3.07
6	5.20	3.11
7	5.30	3.15
8	5.36	3.19
10	5.43	3.24
12	5.47	3.27
15	5.51	3.31
20	5.55	3.33
25	5.60	3.35
30	5.66	3.37
35	5.70	3.37
40	5.73	3.38
50	5.77	3.39
60	5.81	3.40
75	5.85	3.42
90	5.88	3.43
105	5.94	3.44
120	5.96	3.45
150	6.01	3.46
180	6.07	3.49
210	6.10	3.50
240	6.14	3.51
270	6.18	3.53
300	6.23	3.55
330	6.25	3.55
360	6.29	3.57
420	6.34	3.58
480	6.38	3.60
540	6.43	3.61
600	6.47	3.63
660	6.51	3.64
720	6.56	3.66
780	6.61	3.68
840	6.67	3.70
960	6.73	3.72
1,080	6.80	3.75
1,200	6.87	3.77
1,320	6.90	3.80
1,440	6.95	3.81
1,500	6.93	3.79
Time after pumping stopped (minutes)		
0.5	5.27	3.77
1.0	5.10	3.77
1.5	4.70	3.75
2.0	4.68	3.73
2.5	4.42	3.71
3.0	4.30	3.68
4	4.25	3.61
5	4.20	3.55
6	4.18	3.50
7	4.14	3.45
8	4.11	3.42
10	4.10	3.37
12	4.09	3.33
15	4.09	3.29
20	4.08	3.26
25	4.05	3.24
30	4.01	3.23
35	3.97	3.22
40	3.93	3.20
50	3.85	3.18

Town of Norwalk

Nw 38. 1st Taxing District City of Norwalk Water Department, test well, Deering Property; drilled well penetrating sand and gravel. Test conducted by Layne-New England Co. and Leggette, Brashears, and Graham for 7 hours from 0930 EST, 11-10-66 to 1630 EST, 11-10-66 at a constant discharge of 412 gpm with a maximum drawdown in the pumping well of 31.9 ft. Water levels were measured by steel tape in well Nw 37, 407 ft from Nw 38, and are given in feet below land surface. See table 1 for well construction characteristics, plate A for well locations, and figure 2 for logs of Nw 37 and 38.

Time before pumping started (minutes)	Water level in well Nw 37 (ft)
90	12.74
75	12.69
60	13.24
43	13.53
23	13.68
8	13.77
5	13.80
Time after pumping started (minutes)	
0.5	13.83
1.0	13.87
1.5	13.90
2.0	13.94
2.5	13.96
3.0	13.98
4	14.00
5	14.02
6	14.06
7	14.08
8	14.10
10	14.12
12	14.13
15	14.16
20	14.18
25	14.22
30	14.25
35	14.27
40	14.31
50	14.34
60	14.39
75	14.46
90	14.54
105	14.58
120	14.64
150	14.76
180	14.78
210	14.91
240	15.03
270	15.08
300	15.15
330	15.22
360	15.30
420	15.40
Time after pumping stopped (minutes)	
0.5	15.39
1.0	15.34
1.5	15.31
2.0	15.30
2.5	15.29
3.0	15.23
5	15.23
6	15.23
7	15.22
8	15.22
10	15.22
12	15.20
15	15.20

Town of Ridgefield

R 18. Benrus Watch Co., production well; drilled well penetrating weathered marble bedrock. Test conducted by Water Exploration and Development Corp. and Geraghty and Miller for 167.75 hours from 1030 EST, 12-20-65 to 1015 EST, 12-27-65 at a constant discharge of 122 gpm with a maximum drawdown in the pumping well of 27.75 ft. Water levels were measured by recorder and steel tape in well R 15, 290 ft from R 18, and are given in feet below land surface. See table 1 for well construction characteristics, plate A for well locations, and figure 2 for logs of R 18 and R 15.

Time before pumping started (minutes)	Water level in well R 15 (ft)
3,030	8.66
2,310	8.69
1,410	8.68
450	8.65
210	8.70
10	8.55
2	8.55

Time after pumping started (minutes)	
0.5	8.55
1.0	8.57
1.5	8.59
2.0	8.61
2.5	8.64
3.0	8.67
4	8.72
5	8.80
6	8.89
7	8.98
8	9.07
10	9.23
12	9.40
15	9.64
20	10.01
25	10.50
30	10.66
35	10.94
40	11.17
50	11.71
60	11.99
75	12.46
90	12.79
105	13.12
120	13.40
180	14.17
210	14.29
240	14.46
300	14.57
360	14.81
420	14.92
480	15.01
540	15.06
600	15.10
660	15.14
720	15.15
780	15.16
840	15.17
960	15.19
1,080	15.22
1,200	15.27
1,320	15.41
1,440	15.49
1,560	15.53
1,680	15.54
1,800	15.56
1,920	15.61
2,040	15.69
2,160	15.70
2,280	15.69
2,400	15.66
2,520	15.65
2,640	15.67
2,760	15,72
2,880	15.74
3,000	15,73
3,600	15.84
3,960	15.78
4,260	15.78
4,680	15.84
5,100	15.92
5,520	15.82
5,880	15.99
6,120	15.97
6,540	16.04
7,800	15.73
8,400	15.69
9,480	15.80
10,065	15.78

(Continued)

Town of Ridgefield--Continued

R 18--Continued.

Time after pumping stopped (minutes)	Water level in well R 15 (ft)
0.5	15.77
1.0	15.77
1.5	15.77
2.0	15.75
2.5	15.72
3.0	15.69
4	15.68
5	15.59
6	15.52
7	15.37
10	15.17
12	15.03
15	14.76
20	14.35
25	13.97
30	13.64
35	13.34
40	13.05
50	12.60
60	12.20
75	11.75
90	11.40
105	11.12
120	10.88

Town of Westport

Wp 21. Bridgeport Hydraulic Co., test well, Coleytown well field; drilled well penetrating sand and gravel. Test conducted by C. W. Lauman Co. for 25.75 hours from 1200 EST, 10-27-64 to 1345 EST, 10-28-64 at a constant discharge of 545 gpm with a maximum drawdown in the pumping well of 29 ft. Water levels were measured by steel tape in well Wp 50, 232 ft from Wp 21, and are given in feet below land surface. See table 1 for well construction characteristics, plate A for well locations, and figure 2 for log of well Wp 21.

Time before pumping started (minutes)	Water level in well Wp 50 (ft)
95	1.63
30	1.64
27	1.64
7	1.64
6	1.64
4	1.64
2	1.64
Time after pumping started (minutes)	
0.5	1.74
1.0	1.93
1.5	2.03
2.0	2.14
2.5	2.19
3.0	2.23
4	2.28
5	2.32
6	2.34
8	2.40
10	2.42
12	2.44
15	2.46
20	2.49
25	2.51
30	2.53
40	2.55
50	2.58
60	2.59
75	2.62
90	2.65
105	2.64
120	2.65
150	2.68
180	2.70
210	2.72
240	2.73
270	2.73
300	2.74
330	2.74
360	2.76
420	2.77
480	2.76
540	2.79
600	2.80
660	2.82
720	2.82
780	2.83
840	2.84
960	2.86
1,080	2.89
1,200	2.90
1,320	2.91
1,440	2.93
1,500	2.94
1,540	2.94
Time after pumping stopped (minutes)	
0.5	2.89
1.0	2.74
1.5	2.67
2.0	2.53
2.3	2.46
3.0	2.40
4	2.32
5	2.27
6	2.23
7	2.20
8	2.18
10	2.15
12	2.13
15	2.10
20	2.07
25	2.04
30	2.02
40	2.00
50	1.98
60	1.96
75	1.93
90	1.91
105	1.90
120	1.89

Wp 29. Bridgeport Hydraulic Co., production well number 1, Coleytown well field; drilled well penetrating sand and gravel. Test conducted by C. W. Lauman Co. for 24.25 hours from 0930 EST, 5-12-65 to 0945 EST, 5-13-65 at a constant discharge of 1,520 gpm with a maximum drawdown in the pumping well of 34 ft. Water levels were measured in well Wp 50, 279 ft from Wp 29, and are given in feet below land surface. See table 1 for well construction characteristics, plate A for well locations, and figure 2 for log of well Wp 29.

Time before pumping started (minutes)	Water level in well Wp 50 (ft)
105	1.73
78	1.73
18	1.72
3	1.72
Time after pumping started (minutes)	
1.0	1.75
1.5	1.92
2.0	2.05
2.75	2.17
3.25	2.27
5.0	2.55
6	2.65
7	2.75
9	2.87
10	2.91
12	2.97
15	3.02
20	3.06
25	3.09
30	3.11
35	3.13
40	3.14
50	3.16
60	3.18
75	3.21
90	3.24
105	3.26
120	3.29
150	3.34
180	3.38
210	3.41
240	3.44
270	3.46
300	3.48
330	3.50
360	3.51
420	3.53
480	3.55
540	3.57
600	3.59
660	3.60
720	3.61
780	3.61
840	3.64
960	3.65
1,080	3.67
1,200	3.69
1,320	3.70
1,440	3.71
Time after pumping stopped (minutes)	
0.5	3.68
1.0	3.59
1.5	3.50
2.0	3.43
2.5	3.36
3.0	3.30
4	3.21
5	3.14
6	3.08
7	3.04
8	3.00
10	2.94
12	2.89
15	2.83
20	2.74
25	2.67
30	2.60
35	2.54
40	2.48
50	2.38
60	2.29
75	2.20
90	2.13
105	2.08
120	2.04

Table 4.--Water-level measurements in four observation wells

All water levels are in feet below land surface; a + indicates that water level is above land surface. Measurements of water levels in other wells in the southwestern coastal river basins are published in Connecticut Water Resources Bulletin Nos. 2, 7, and 13.

Mo 18. 411818N731523.1. James Caranica. 30-inch diameter dug well in sand and gravel, 14.7 ft deep with a porous concrete casing.

	1964			1965				
Aug.	6	12.46	Jan.	25	10.76	June	1	11.13
	26	12.83	Feb.	23	8.85	July	6	12.14
Sept.	30	13.08	Mar.	29	9.65	Aug.	3	12.68
Nov.	2	13.00	May	3	9.92	Sept.	1	13.12
	30	12.79					27	13.06
Dec.	29	10.88						

R 12. 411943N732820.1. Ridgefield Water Supply Co. 2-inch diameter drilled well in sand and gravel, 24 ft deep, screened from 19 to 24 ft.

	1965					Apr.	11	0.65
Mar.	18	2.37	Oct.	25	1.04		25	.42
	29	.25	Nov.	8	1.08	May	12	.78
June	1	.82		22	1.02		24	.66
	14	.87	Dec.	6	.94	June	6	.87
	28	1.14		20	.88		20	1.00
July	6	1.21				July	7	1.30
	19	1.17		1966			18	1.59
Aug.	3	1.19	Jan.	3	.58	Aug.	3	1.82
	17	1.33		18	.88		15	2.06
Sept.	1	1.55	Feb.	14	+.05		29	2.16
	13	1.93		28	.88	Sept.	12	2.26
	27	1.54	Mar.	14	.17		26	1.18
Oct.	11	1.03		28	.41			

Stm 16. 410648N733300.2. Stamford Water Co. 1¼-inch diameter bored well in sand and gravel, 33 ft deep, screened from 30-33 ft.

	1965		July	6	2.45	Nov.	8	2.37
Mar.	29	1.87		19	1.89		22	2.32
Apr.	12	1.81	Aug.	3	2.31	Dec.	6	2.35
	26	1.59		17	2.51		20	2.28
May	3	1.91	Sept.	1	2.52			
	17	2.01		13	2.53		1966	
June	1	2.20		27	2.47	Jan.	3	2.02
	14	2.31	Oct.	11	2.31		18	2.34
	28	2.42		25	2.35			

Stm 18. 410648N733258.1. Stamford Water Co. 2-inch diameter bored well in sand and gravel, 16 ft deep, screened.

	1965		July	6	3.32	Nov.	8	3.31
Mar.	29	2.51		19	3.02		22	3.23
Apr.	12	2.51	Aug.	3	3.19	Dec.	6	3.24
	26	2.30		17	3.41		20	3.21
May	3	2.49	Sept.	1	3.47			
	17	2.60		13	3.46		1966	
June	1	2.73		27	3.41	Jan.	3	3.01
	14	2.94	Oct.	11	3.25		18	3.14
	28	3.21		25	3.25	Feb.	1	3.23

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

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

Station no.	Location	Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)
2083.5	Poquonock River at Trumbull, Conn. Lat 41°14'49", long 73°11'52" Drainage area, 11.4 sq mi (excluding 3.85 sq mi from which entire flow is diverted into Easton Reservoir).	8- 6-62	*1.47	9- 9-63	*1.02	2-25-64	35	7-17-64	3.0
		10- 2-62	2.2	9-25-63	*1.43	3-19-64	*38.4	7-23-64	*2.19
		10-16-62	7.4	10-15-63	*1.27	5-18-64	*16.8	7-31-64	1.3
		10-23-62	5.3	11- 1-63	10	5-27-64	*10.1	8-17-64	1.2
		11-13-62	26	11-21-63	14	6-12-64	*8.08	8-18-64	*1.30
		2-15-63	28	11-27-63	*18.1	6-18-64	6.5	8-28-64	1.0
		3-21-63	60	12- 4-63	35	6-30-64	*2.42	9-18-64	.55
		5- 9-63	20	12-30-63	46	7- 3-64	2.0		
2088.7	Rooster River at Bridgeport, Conn. Lat 41°10'57", long 73°13'06" Drainage area, 9.12 sq mi.	6-18-64	2.5	8-18-64	*1.03	5-17-65	*6.05	7-22-65	1.8
		7- 3-64	1.7	8-28-64	1.0	5-19-65	4.8	8- 4-65	2.9
		7-17-64	2.9	9-18-64	.85	6- 8-65	4.4	8-12-65	*1.21
		7-23-64	*1.93	10- 2-64	1.2	6-22-65	1.4	8-17-65	1.0
		7-31-64	1.7	4- 6-65	7.0	6-24-65	*2.17	8-31-65	.85
		8-17-64	1.2	4-20-65	10	7- 7-65	1.4	9-17-65	1.3
2089	Patterson Brook near Easton, Conn. Lat 41°17'16", long 73°17'33" Drainage area, 1.20 sq mi.	10- 5-60	*.84	5- 7-62	*.99	3-19-64	*2.77	4-20-65	3.0
		10-27-60	1.1	8- 6-62	*.03	5-18-64	*1.67	5-19-65	.55
		12- 5-60	1.4	10-16-62	.26	6-15-64	*.32	6- 8-65	.36
		4- 5-61	2.7	11-13-62	2.0	6-18-64	.20	6-22-65	.07
		5- 2-61	7.0	12-10-62	2.5	7- 3-64	.11	6-24-65	*.08
		5- 3-61	5.0	3-22-63	6.6	7-17-64	.10	7- 7-65	.04
		6- 6-61	1.2	5- 9-63	2.8	7-27-64	*.06	7-22-65	.07
		6-27-61	1.4	7-22-63	*1.56	7-31-64	.02	7-26-65	.01
		7-24-61	*.41	9- 9-63	0	8-17-64	.02	8- 4-65	.02
		8-15-61	*.16	10-15-63	*.05	8-21-64	*.01	8-11-65	*0
		10-31-61	.55	11- 1-63	*.11	8-28-64	0	8-17-65	0
		12- 5-61	1.0	11-15-63	1.1	9-18-64	0	8-31-65	0
		1-15-62	2.8	12- 4-63	2.3	10- 2-64	0	9-17-65	.08
		3-15-62	*19.7	12-30-63	1.0	3- 8-65	*4.71		
		3-27-62	*3.96	2-25-64	2.3	4- 6-65	1.6		
2089.5	Sasco Brook near Southport, Conn. Lat 41°09'10", long 73°18'23" Drainage area, 7.28 sq mi.	10- 5-60	*7.54	12- 5-61	8.3	9- 6-63	*.12	6-18-64	.80
		12- 5-60	10	2-23-62	9.4	11- 4-63	*1.58	7- 3-64	.50
		1-10-61	15	3-26-62	*19.6	11-15-63	6.0	7-17-64	1.6
		2-28-61	*44.2	4-30-62	13	12- 4-63	12	7-31-64	.80
		4- 6-61	17	5- 6-62	*18.5	1- 6-64	9.0	8- 5-64	*.20
		6- 5-61	11	9-18-62	*.15	1-23-64	22	8-17-64	.04
		6-27-61	9.5	10-16-62	2.3	2-24-64	12	8-26-64	*.05
		7-24-61	2.5	11-13-62	11	3-18-64	*16.3	8-28-64	.01
		8-15-61	.70	1-18-63	7.8	4-13-64	*21.6	9-18-64	.03
		10-10-61	4.3	2-15-63	14	5-18-64	*5.59	10- 2-64	.03
		11- 3-61	3.5	8- 5-63	.63	6-12-64	*1.60		
2089.9	Saugatuck River near Redding, Conn. Lat 41°17'40", long 73°23'44" Drainage area, 20.4 sq mi.	6-28-61	2.7	3-21-63	90	1- 6-64	20	7-24-64	2.6
		8-16-61	*4.57	5- 9-63	17	1-23-64	120	7-31-64	1.5
		2-23-62	20	7-25-63	*9.18	2-24-64	32	8-17-64	.90
		3-27-62	*76.3	9- 6-63	*1.21	6-11-64	*18.6	8-21-64	.90
		8-13-62	*3.22	10-14-63	1.4	6-18-64	9.5	8-28-64	.70
		10-23-62	8.0	11- 1-63	1.8	7- 3-64	3.0	8-31-64	*.64
		11-14-62	47	11-15-63	16	7-17-64	3.8	9-18-64	.35
		2-15-63	41	12- 4-63	42	7-22-64	*1.94		
2089.99	Little River at Sanfordtown, Conn. Lat 41°17'35", long 73°22'05" Drainage area, 5.46 sq mi.	6-18-64	1.1	7-17-64	1.5	8-17-64	.17	8-28-64	.15
		6-22-64	*.76	7-24-64	*.97	8-21-64	*.20	9-18-64	.13
		7- 3-64	.35	7-31-64	.25				
2090.8	Aspetuck River at Hopewell, Conn. Lat 41°20'04", long 73°20'17" Drainage area, 3.08 sq mi.	6-18-64	.67	8-17-64	.20	4-20-65	7.2	7-22-65	.14
		6-23-64	*.53	8-28-64	.14	5-19-65	1.6	8- 4-65	.29
		7- 3-64	.20	9- 4-64	*.07	6- 8-65	.58	8-11-65	*.23
		7-17-64	.60	9-18-64	.42	6-22-65	.26	8-17-65	.08
		7-24-64	.24	10- 2-64	.74	6-24-65	*.48	8-31-65	.06
		7-31-64	.20	4- 6-65	3.3	7- 7-65	.19	9-17-65	.14
2090.95	Aspetuck River near Easton, Conn. Lat 41°15'33", long 73°19'30" Drainage area, 13.2 sq mi.	6-18-64	3.0	8-21-64	*.48	4-26-65	*46.3	7-22-65	.48
		6-23-64	*2.09	8-28-64	.23	5-19-65	9.3	8- 4-65	.42
		7- 3-64	.85	9-18-64	0	6- 8-65	3.9	8-11-65	*.19
		7-17-64	2.0	10- 2-64	.60	6-22-65	1.3	8-17-65	.06
		7-24-64	*1.32	4- 6-65	19	6-24-65	*1.06	8-31-65	.07
		8-17-64	.42	4-20-65	31	7- 7-65	.68	9-17-65	.85
2093	West Branch Saugatuck River at Weston, Conn. Lat 41°11'56", long 73°23'25" Drainage area, 9.20 sq mi.	10- 5-60	*4.49	9- 6-63	*.18	8-19-64	*.15	6-23-65	*.61
		8-15-61	*.68	10-15-63	*1.31	8-28-64	.14	7- 7-65	.29
		3-23-62	*41.6	11- 4-63	*2.98	9-18-64	.14	7-22-65	.66
		8- 3-62	*.45	6-18-64	1.2	10- 2-64	.25	8- 4-65	.62
		10- 2-62	1.2	7- 3-64	.29	4- 6-65	10	8-12-65	*.30
		11-14-62	20	7-17-64	.84	4-20-65	18	8-17-65	.25
		3-21-63	*40.4	7-27-64	*.55	5-19-65	5.6	8-31-65	.25
		5- 9-63	12	7-31-65	.38	6- 8-65	2.5	9-17-65	.21
		7-25-63	*1.90	8-17-64	.08	6-22-65	.62		
2095.5	Ridgefield Brook near Ridgefield, Conn. Lat 41°18'56", long 73°28'48" Drainage area, 3.58 sq mi.	6-18-64	.66	8-28-64	.09	5-19-65	2.4	8- 4-65	.37
		6-24-64	*.58	8-31-64	*.09	6- 8-65	1.5	8-12-65	*.29
		7- 3-64	.24	9-18-64	.04	6-22-65	.30	8-17-65	.12
		7-17-64	.50	10- 2-64	.19	6-23-65	*.21	8-31-65	.09
		7-29-64	*.21	4- 6-65	5.2	7- 7-65	.15	9-17-65	.66
		7-31-64	.19	4-20-65	9.0	7-22-65	.19	9-28-65	*1.01
		8-17-64	.14	4-28-65	*10.6				
2095.7	Norwalk River at Georgetown, Conn. Lat 41°14'45", long 73°26'05" Drainage area, 14.3 sq mi.	6-18-64	3.7	8-25-64	*.92	5-19-65	12	8- 4-65	.60
		6-24-64	*2.73	8-28-64	.82	6- 8-65	4.7	8-12-65	*.39
		7- 3-64	2.2	9-18-64	2.7	6-22-65	1.8	8-17-65	.30
		7-17-64	4.4	10- 2-64	4.2	6-23-65	*2.08	8-31-65	.30
		7-29-64	*1.76	4- 6-65	15	7- 7-65	2.1	9-17-65	.60
		7-31-64	1.4	4-20-65	29	7-22-65	1.2	9-28-65	*3.49
		8-17-64	.72	4-28-65	*32.7				

*Discharge measurement

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

Station no.	Location	Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)	Date	Streamflow (cfs)
2096	Comstock Brook at North Wilton, Conn. Lat 41°12'45", long 73°27'31" Drainage area, 3.44 sq mi.	10- 4-60	*3.26	10- 2-62	0.58	2-24-64	5.4	3- 1-65	*13.2
		10-26-60	9.7	10-16-62	1.7	3-17-64	*11.5	4- 6-65	4.5
		12- 5-60	7.0	11-14-62	14	4-10-64	20	4-20-65	10
		1-10-61	13	1-17-63	4.7	5-14-64	3.7	5-19-65	2.4
		4- 6-61	11	2-15-63	12	6-18-64	.34	6- 8-65	1.4
		6- 5-61	12	3-21-63	18	7- 3-64	.11	6-22-65	.14
		6-27-61	5.9	5- 9-63	38	7-17-64	.06	7- 7-65	.07
		8-14-61	.18	7-25-63	*.67	7-29-64	*.06	7-22-65	.14
		10-10-61	.91	9- 6-63	*.06	7-31-64	.05	8- 4-65	.23
		11- 3-61	1.6	11- 1-63	.27	8-17-64	.01	8-12-65	*.03
		12- 5-61	4.8	11-15-63	4.9	8-19-64	*.05	8-17-65	.03
		2-23-62	3.8	12- 4-63	14	8-28-64	0	8-31-65	.02
		3-23-62	*20.0	1- 6-64	3.7	9-18-64	0	9-17-65	.23
		8- 3-62	*.03	1-23-64	24	10- 2-64	.11		
2097.7	Fivemile River near Norwalk, Conn. Lat 41°06'02", long 73°27'18" Drainage area, 7.74 sq mi (excluding 0.9 sq mi above New Canaan Reservoir).	11- 9-61	4.6	7-25-62	*5.62	7-17-64	4.1	5-19-65	7.0
		12- 5-61	*6.26	9- 5-62	*1.94	7-31-64	3.1	5-21-65	*5.21
		2-23-62	16	10-14-62	*1.72	8- 5-64	*1.80	6- 8-65	4.4
		3-26-62	*25.4	11- 5-62	*2.38	8-17-64	.80	6-21-65	*1.60
		5- 3-62	*33.8	11-15-62	6.7	8-26-64	*1.01	6-22-65	1.9
		6- 5-62	*2.90	1- 7-64	14	8-28-64	1.6	7- 7-65	1.3
		8- 2-62	*1.18	1-23-64	33	9-18-64	.60	7-22-65	2.3
		11-14-62	11	2-24-64	14	10- 2-64	2.9	8- 4-65	2.7
		1-17-63	6.7	4-10-64	*41.4	1- 5-65	6.7	8-12-65	*1.37
		2-15-63	13	6-12-64	*3.32	3- 2-65	*16.5	8-17-65	.90
		3-20-63	*25.0	6-19-64	3.6	4- 6-65	15	8-31-65	.60
		5- 9-63	8.2	7- 3-64	3.3	4-20-65	18	9-17-65	1.2
2097.8	Stony Brook at Darien, Conn. Lat 41°04'09", long 73°28'57" Drainage area, 3.10 sq mi.	6-19-64	.35	8-28-64	.04	5-19-65	1.1	7-22-65	.30
		7- 3-64	.12	9- 4-64	*0	5-21-65	*.93	8- 4-65	.20
		7- 7-64	*.07	9-18-64	0	6- 8-65	.54	8-12-65	*.06
		7-17-64	.92	10- 2-64	.09	6-21-65	*.17	8-17-65	0
		7-31-64	.30	4- 6-65	2.9	6-22-65	.17	8-31-65	.10
		8- 5-64	*.23	4-20-65	4.9	7- 7-65	.15	9-17-65	.13
		8-17-64	.07						
2097.85	Noroton River near Stamford, Conn. Lat 41°05'39", long 73°30'56" Drainage area, 7.84 sq mi.	6-19-64	3.0	7- 7-64	*.74	7-31-64	1.8	8-28-64	2.0
		7- 3-64	1.6	7-17-64	3.2	8-17-64	1.3	9-18-64	1.1
2103	East Branch Mianus River near Long Ridge, Conn. Lat 41°08'19", long 73°35'40" Drainage area, 3.39 sq mi.	10- 4-60	*1.48	7-24-63	*2.38	7-31-64	.17	5-21-65	*1.88
		8-14-61	*.28	9- 5-63	*.03	8-13-64	*.10	6- 8-65	.78
		3-26-62	*12.3	10-14-63	*.14	8-17-64	.08	6-22-65	.09
		6- 5-62	*.83	11- 5-63	*.55	8-28-64	.08	7- 7-65	.06
		8- 2-62	*.02	6-11-64	*2.36	4- 6-65	3.1	7-22-65	.20
		11-14-62	8.0	6-19-64	.36	4-20-65	2.4	8- 4-65	.24
		3-20-63	*10.7	7- 3-64	.19	5-19-65	2.1	8-12-65	*.09
		5- 9-63	*4.28	7-17-64	.78				
2111	Greenwich Creek at Cos Cob, Conn. Lat 41°02'35", long 73°36'31" Drainage area, 4.94 sq mi.	7- 2-64	*.12	9-18-64	.28	6- 8-65	.91	8- 4-65	.35
		7-17-64	.88	10- 2-64	.76	6-22-65	.18	8-12-65	*.27
		7-31-64	.31	4- 6-65	16	6-23-65	*.18	8-17-65	.14
		8- 6-64	*.17	4-20-65	22	7- 7-65	.13	8-31-65	.30
		8-17-64	.14	5-19-65	2.0	7-22-65	.65	9-17-65	.07
		9- 3-64	*.09						
2116	Byram River at Riversville, Conn. Lat 41°03'48", long 73°40'41" Drainage area, 11.4 sq mi.	6-19-64	3.0						
		7- 1-64	*1.36						
2117	East Branch Byram River at Round Hill, Conn. Lat 41°05'56", long 73°41'00" Drainage area, 1.67 sq mi.	10- 4-60	*1.80	7-30-62	*.04	2-24-64	2.7	3- 2-65	*3.42
		12- 5-60	3.4	9-14-62	.16	3-17-64	3.5	4- 6-65	2.5
		1-10-61	4.0	10-16-62	.78	4-13-64	5.6	4-20-65	3.1
		4- 6-61	4.5	11-14-62	3.3	6-11-64	*1.07	5-19-65	1.4
		6- 5-61	3.2	1-17-63	1.8	6-19-64	.31	5-25-65	*.87
		6-27-61	2.2	2-15-63	6.4	7-17-64	.43	6- 8-65	.78
		7-21-61	*3.15	3-20-63	6.0	7-28-64	*.10	6-22-65	.13
		8-14-61	*.06	5- 9-63	1.5	7-31-64	.18	7- 7-65	.18
		10-10-61	.50	7-24-63	*.54	8-17-64	.02	7-22-65	.36
		11- 3-61	.84	9- 5-63	.01	8-28-64	.03	8- 4-65	.78
		12- 5-61	1.4	11- 5-63	.36	9- 2-64	*.02	8-17-65	.07
		2-23-62	2.2	11-15-63	.68	9-18-64	.01	8-31-65	.06
		3-26-62	*7.29	1- 7-64	2.1	10- 2-64	.03	9-17-65	.03
		6- 5-62	*.64	1-23-64	8.7	1- 5-65	1.0		

*Discharge measurement

Table 6.--Chemical analyses of precipitation samples collected at four Weather Bureau Stations

Period of collection	Amount of precipitation (inches)	Parts per million									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)	Hardness as $CaCO_3$ Ca, Mg		
Site 1P - Rain gage south of Round Pond 2.1 miles northwest of Ridgefield, Connecticut (U.S. Weather Bureau Index no. 7002)												
3-19-65 to 3-31-65	a/ 0.80	5.4	0.4	12	1.0	11	17	1.5	--	15	90	6.8
4- 1-65 to 4-19-65	a/ 2.00	2.6	.1	1.3	.2	2	7.9	.0	14	7	39	5.1
4-20-65 to 4-30-65	a/ .88	3.1	.1	2.2	.5	4	10	.0	16	8	53	6.2
5- 1-65 to 5-31-65	2.26	2.7	.1	2.7	1.2	12	8.9	.0	23	7	58	6.3
6- 1-65 to 6-30-65	1.46	3.8	.1	4.2	.7	2	14	.6	37	10	63	5.3
7- 1-65 to 7-31-65	1.85	2.9	.3	3.1	.6	0	18	1.4	25	8	104	4.0
8- 1-65 to 8-31-65	3.58	1.1	.2	3.7	1.0	2	9.6	1.0	16	4	49	5.1
9- 1-65 to 9-30-65	b/ 2.96	.2	.8	1.9	3.8	43	12	2.0	40	4	125	6.7
10- 1-65 to 10-31-65	3.85	.6	.1	1.3	.6	3	7.0	1.4	20	2	30	6.5
11- 1-65 to 11-30-65	1.93	1.6	.6	2.3	1.0	1	10	1.2	21	6	44	5.3
12- 1-65 to 1- 5-66	2.49	1.2	.4	2.2	2.5	4	7.1	1.2	23	4	39	5.8
Site 2P - Rain gage west of Saugatuck Reservoir 2.6 miles northwest of Aspetuck, Connecticut (U.S. Weather Bureau Index no. 7157)												
3-18-65 to 3-31-65	1.03	3.4	.1	3.4	.3	3	8.3	1.3	--	8	42	5.5
4- 1-65 to 4-30-65	3.22	1.4	.0	.4	.1	0	5.6	.0	12	4	49	4.2
5- 1-65 to 5-31-65	1.94	2.5	.2	3.0	.8	2	9.7	.0	22	7	49	5.0
6- 1-65 to 6-30-65	1.15	2.6	.1	3.2	.6	0	9.3	.1	33	7	47	4.5
7- 1-65 to 7-31-65	2.74	1.4	.2	1.3	.4	0	11	.7	14	4	85	4.0
8- 1-65 to 8-31-65	b/ 1.72	.8	1.0	6.6	7.9	0	15	3.0	74	6	116	5.0
9- 1-65 to 9-30-65	2.87	.5	.1	1.3	.2	0	7.5	.8	30	2	44	4.3
10- 1-65 to 10-31-65	3.34	.6	.1	1.5	.2	0	6.7	1.6	26	2	47	4.3
11- 1-65 to 11-30-65	1.85	1.8	.3	2.1	.4	0	11	1.6	21	6	57	4.5
12- 1-65 to 1- 5-66	2.56	1.3	.2	2.7	.6	0	8.9	2.0	22	4	56	4.4
Site 3P - Rain gage at Bridgeport Airport 0.7 mile north of Lordship, Connecticut (U.S. Weather Bureau Index no. 0806)												
3-18-65 to 3-31-65	.61	4.6	.6	8.0	.7	0	15	9.0	46	14	101	4.4
4- 1-65 to 4-19-65	2.04	3.1	.4	4.6	.4	1	11	3.9	32	9	63	4.7
4-20-65 to 4-30-65	.69	3.0	.0	2.3	.2	0	8.3	.7	14	7	57	4.4
5- 1-65 to 5-28-65	3.14	2.3	.4	1.8	.1	0	9.3	.0	16	7	64	4.3
5-29-65 to 5-31-65	1.02	1.7	.0	1.2	.2	0	5.6	.0	12	4	58	4.3
6- 1-65 to 6-30-65	1.42	3.6	.2	3.6	.4	0	15	1.5	34	10	134	3.8
7- 1-65 to 7-31-65	3.99	.8	.2	1.7	.3	0	8.9	1.0	12	3	59	4.2
8- 1-65 to 8-31-65	1.81	1.0	.3	2.6	.2	0	8.2	3.3	26	3	62	4.2
9- 1-65 to 9-30-65	.82	2.2	.7	9.3	.5	4	14	3.8	55	8	80	6.1
10- 1-65 to 10-31-65	1.72	1.0	.9	9.3	.4	0	8.1	16	44	6	94	4.4
11- 1-65 to 11-30-65	1.62	1.6	.4	4.6	.3	0	16	4.8	30	6	112	4.0
12- 1-65 to 1- 6-66	1.99	2.4	.3	4.2	.3	0	12	6.8	35	7	105	4.0
Site 4P - Rain gage south of Putnam Lake Reservoir 4.1 miles north of Greenwich, Connecticut (U.S. Weather Bureau Index no. 6655)												
3-19-65 to 3-31-65	.96	1.6	.2	9.1	.2	15	8.7	1.6	--	5	57	7.1
4- 1-65 to 4-30-65	3.27	1.4	.1	1.1	.4	2	6.6	.1	13	4	37	4.9
5- 1-65 to 5-31-65	1.67	2.2	.4	4.3	1.1	6	11	.2	28	7	55	6.4
6- 1-65 to 6-30-65	1.46	1.9	.4	2.1	3.8	30	17	.0	48	6	134	6.8
7- 1-65 to 7-31-65	b/ 3.70	.8	.3	1.5	4.2	28	12	1.4	28	4	83	6.5
8- 1-65 to 8-31-65	2.28	2.7	.2	4.0	.8	1	13	1.4	34	8	53	5.3
9- 1-65 to 9-30-65	1.99	.3	.7	2.9	3.8	0	14	3.4	32	4	113	4.8
10- 1-65 to 10-31-65	3.53	1.2	.4	1.8	2.1	0	9.0	2.8	17	5	53	4.9
11- 1-65 to 11-30-65	b/ 1.87	7.2	.7	2.3	16	108	20	4.2	96	20	275	7.1
12- 1-65 to 1- 5-66	3.23	1.3	.2	1.6	.5	0	7.3	2.0	15	4	43	4.5

a/ Estimated.
b/ Organic material in sample; contamination suspected.

Table 7.--Chemical a[illegible]es of water from wells

Well no.	Date of collection	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	Specific conductance (micromhos at 25°C)	pH	Water temperature (°F)
		Parts per million																		
U.S. Public Health Service drinking-water standards	(recommended upper limit):	--	0.3	0.05	--	--	--	--	--	250	250	1.3 a/	45	500	--	--	0.5	--	--	--
Wells tapping bedrock aquifers																				
Town of Danbury																				
Dy 14	5-10-66	14	.12	.03	44	11	10	3.2	133	32	15	--	28	232	155	46	.0	376	7.5	--
Dy 15	5-10-66	12	.12	.02	21	5.2	3.7	1.6	61	16	9.4	--	1.2	109	74	24	.0	168	7.4	--
Town of Easton																				
E 1	5-12-66	14	.03	.01	17	1.2	18	1.7	61	21	12	--	.0	115	48	0	.0	181	7.7	--
E 9	5-12-66	11	.24	.02	17	1.5	9.4	1.9	56	18	4.2	--	.2	90	48	2	.0	144	7.6	--
E 26	5-12-66	11	.04	.01	51	7.0	6.5	5.0	166	23	11	--	2.3	209	156	20	.0	343	8.0	--
E 27	5-12-66	21	.02	.01	24	1.4	14	.6	80	24	6.0	--	.0	139	66	0	.0	207	8.0	--
E 28	5-11-66	11	.17	.10	12	2.6	6.2	2.2	21	25	7.8	--	2.0	91	40	24	.0	131	6.7	--
E 29	5-11-66	15	.12	.22	8.5	3.5	8.7	2.2	16	23	11	--	5.5	88	36	22	.0	134	6.4	--
E 30	5-11-66	21	2.5	.23	19	5.5	5.7	3.2	45	32	12	--	.0	127	70	33	.0	188	7.2	--
E 31	5- 7-66	20	1.1	.66	33	5.0	6.8	2.9	123	13	6.6	--	.4	156	103	2	.0	239	7.5	--
Town of Fairfield																				
Ff 7	5-12-66	9.8	.15	.06	7.8	3.8	3.3	1.6	16	16	6.0	--	.8	58	35	22	.0	89	6.7	--
Ff 19	5-11-66	21	.35	.10	16	4.2	6.1	2.0	62	16	6.2	--	.0	99	57	6	.0	151	7.5	--
Ff 20	5- 7-66	13	.05	.04	20	3.9	7.5	2.8	38	32	18	--	.5	121	66	35	.0	190	6.9	--
Town of Greenwich																				
Gw 6	11-27-62	19	.04	.26	20	7.0	6.1	1.6	20	59	8.7	.2	.4	136	79	63	.0	208	7.3	54
Gw 6	4-15-63	19	.44	.17	17	5.6	5.8	1.2	27	41	9.4	.0	.6	120	66	44	--	180	6.9	54
Gw 18	5-13-66	24	.21	.11	23	2.4	5.2	2.0	64	26	5.0	--	.0	120	68	15	.0	172	7.5	--
Gw 19	5-13-66	14	.02	.02	21	3.2	9.0	4.1	78	19	6.2	--	2.5	118	66	2	.0	191	7.7	--
Town of Monroe																				
Mo 24	5-13-66	4.4	1.1	.03	34	2.3	12	3.7	72	17	38	--	.0	171	94	36	.0	283	7.4	--
Mo 35	5- 9-66	15	.63	.03	20	3.9	6.3	2.4	46	21	18	--	.2	119	66	28	.0	184	7.2	--
Town of New Canaan																				
NCn 35	5- 5-66	11	.05	.05	18	3.5	11	.9	47	19	20	--	1.8	110	60	21	.0	182	6.9	--
NCn 36	5-17-66	14	.03	.00	51	5.2	7.2	3.4	166	17	10	--	3.7	206	149	12	.0	334	7.7	--
NCn 37	5-17-66	21	.50	.28	31	4.5	10	2.4	102	30	5.1	--	.0	159	96	12	.0	244	7.8	--
NCn 38	5-20-66	16	.14	.00	26	5.4	5.6	2.7	91	20	5.8	.2	.1	133	87	12	--	202	7.6	--
NCn 39	6-20-66	17	.34	.03	20	11	6.8	2.5	52	30	12	.1	26	157	95	52	--	243	7.2	--
NCn 40	5-20-66	22	.16	.00	17	7.2	6.2	2.6	81	19	3.9	.3	.1	128	72	6	--	177	7.5	--
Town of Newtown																				
Nt 6	5-12-66	17	.05	.02	19	5.1	4.8	1.7	56	15	14	--	5.3	112	68	22	.0	166	7.3	--
Town of Norwalk																				
Nw 30	5- 5-66	10	.04	.04	22	6.3	37	1.8	31	19	83	--	7.9	278	81	56	.1	414	6.9	--
Nw 31	5- 5-66	10	.05	.03	42	3.9	9.7	1.4	61	28	29	--	27	234	121	71	.1	315	7.2	--
Nw 32	6-17-66	13	.10	.01	30	5.4	8.8	3.0	53	23	35	.1	7.3	180	97	54	.0	270	7.0	--
Town of Redding																				
Rd 35 b/	5-24-66	8.4	.06	.02	53	18	14	2.6	220	20	24	--	3.1	266	206	26	.0	459	7.8	--
Rd 37	5-13-66	19	.24	.11	22	5.3	6.7	1.8	91	16	4.4	--	.0	118	77	2	.0	190	7.8	--
Rd 38	5-12-66	12	.11	.04	25	3.8	12	1.2	108	14	4.2	--	.1	129	78	0	.0	209	8.0	--
Rd 39	5-12-66	21	8.6	.22	14	4.7	9.0	3.3	31	38	7.8	--	.0	121	54	29	.1	170	6.6	--
Rd 40	5-12-66	20	.99	.14	18	2.4	7.8	2.2	57	20	5.4	--	.1	114	55	8	.0	155	7.4	--
Town of Ridgefield																				
R 18 b/	12-20-65	12	.33	.02	18	9.7	4.3	4.8	108	10	3.5	.1	.0	109	85	0	--	198	7.8	50
R 18 b/	12-21-65	12	.23	.00	19	9.8	4.2	4.9	108	11	3.3	.1	.0	104	88	0	--	198	7.7	49
R 18 b/	12-27-65	12	.17	.01	21	10	4.6	4.9	113	12	5.1	.2	.0	112	94	0	--	214	7.8	--
R 24 b/	5-10-66	22	.05	.02	62	27	6.3	3.6	292	19	20	--	.5	310	266	26	.0	527	8.0	--
R 25	5- 4-66	16	.04	.02	45	15	9.3	1.6	176	18	24	--	3.3	247	174	30	.2	388	7.7	--

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

Well no.	Date of collection	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	Specific conductance (micromhos at 25°C)	pH	Water temperature (°F)
		Parts per million																		
U.S. Public Health Service drinking-water standards	(recommended upper limit):	--	0.3	0.05	--	--	--	--	--	250	250	1.3 a/	45	500	--	--	0.5	--	--	--
Wells tapping bedrock aquifers--Continued																				
Town of Stamford																				
Stm 2	5-18-66	16	2.8	.43	59	11	20	5.6	137	72	42	--	.0	308	192	80	.0	440	7.7	--
Stm 33	5-13-66	20	.18	.02	20	6.0	6.1	1.4	75	21	2.8	--	.6	113	74	13	.0	174	7.1	--
Stm 34	5-17-66	25	.13	.15	10	8.9	8.4	2.4	77	12	4.4	--	.3	115	62	0	.0	172	7.1	--
Stm 35	5-18-66	23	.47	.03	9.2	3.7	6.3	2.6	40	17	2.6	--	.4	77	38	6	.0	115	6.8	--
Stm 36	5-18-66	12	.10	.03	40	9.8	32	5.9	48	33	76	--	40	351	140	101	.3	509	6.7	--
Stm 37	5-18-66	17	.03	.02	53	10	16	2.5	151	48	28	--	.0	270	173	50	.2	429	8.0	--
Town of Trumbull																				
Tr 18	5- 9-66	21	4.9	.45	7.1	3.9	10	1.7	17	17	21	--	.2	94	34	20	.0	137	6.8	--
Tr 19	5- 9-66	17	.12	.03	17	2.8	4.9	2.7	47	21	5.4	--	.0	90	54	16	.0	142	7.6	--
Tr 20	5- 9-66	17	.04	.02	22	3.4	8.4	2.7	64	20	10	--	.1	117	69	16	.0	188	7.6	--
Tr 21	5-12-66	11	.06	.37	14	3.3	12	3.3	6	25	21	--	26	136	48	44	.1	197	5.7	--
Town of Weston																				
Wes 4	5- 5-66	22	.52	.23	19	3.8	5.3	1.9	72	13	4.4	--	.1	111	63	4	--	158	7.6	--
Wes 20	5-13-66	14	.15	.02	7.6	2.7	5.2	1.0	17	12	9.6	--	2.5	67	30	16	.0	97	6.5	--
Wes 21	5- 5-66	10	.20	.04	23	7.5	34	3.1	19	8.9	104	--	1.3	271	88	73	.0	407	6.7	--
Town of Westport																				
Wp 33	5-11-66	15	.08	.04	19	3.2	5.5	2.6	42	30	8.4	--	.0	110	60	26	.0	161	7.5	--
Wp 38	5- 5-66	13	.01	.01	34	1.7	8.2	1.1	96	22	9.4	--	.1	144	92	14	.0	229	7.7	--
Town of Wilton																				
Wn 14	11-27-62	17	2.7	.47	11	9.0	7.6	4.1	80	15	3.3	.3	.3	108	65	0	.0	171	8.2	52
Wn 46	5- 5-66	17	.26	.03	25	3.6	5.2	2.4	62	19	12	--	.2	132	78	26	.0	178	7.4	--
Wn 47	5-11-66	22	.03	.02	37	3.9	11	1.1	94	46	9.6	--	.2	173	108	32	.0	255	8.0	--
Wn 48	5-11-66	9.9	.06	.01	9.9	1.2	2.6	.6	27	9.1	4.0	--	.2	52	30	8	.0	75	7.0	--
Wn 49	5-11-66	13	.18	.09	24	3.8	6.8	1.7	54	35	9.0	--	1.2	129	76	32	.1	197	7.4	--
Wn 50	5- 4-66	6.0	1.0	.19	22	5.5	73	4.3	24	26	140	--	2.7	354	78	58	.0	589	6.8	--
Wn 51	5- 4-66	22	.03	.04	26	6.7	12	2.5	102	24	13	--	.0	157	92	9	.1	252	7.8	--
Wells tapping stratified-drift aquifers																				
Town of Easton																				
E 11	5-23-66	9.1	.07	.03	5.5	1.8	2.8	15	22	17	2.0	--	8.5	75	21	3	.0	108	6.6	--
E 14	5-23-66	10	.19	.24	18	4.9	13	2.2	26	28	31	--	.7	138	65	44	.0	226	6.6	--
E 19	5-23-66	6.5	.08	.03	19	3.9	7.5	2.5	10	15	37	--	6.6	133	64	56	.1	198	6.5	--
Town of Fairfield																				
Ff 18	6- 6-66	11	.23	.03	14	4.1	5.8	2.4	22	22	12	--	4.5	108	52	34	--	142	6.6	54
Ff 18	6- 7-66	11	.84	.20	13	4.0	5.6	2.4	22	20	13	--	3.6	103	49	31	--	138	6.5	52
Town of Monroe																				
Mo 8	5- 9-66	12	.01	.02	14	3.9	5.5	2.0	32	19	11	--	2.1	92	51	25	.0	142	6.6	--
Mo 10	5-24-66	7.9	.14	.03	13	1.1	3.2	1.4	29	14	5.0	--	1.1	71	37	13	.0	104	6.9	--
Mo 14	5-23-66	9.8	.20	.04	19	3.7	7.8	2.5	20	24	24	--	8.1	125	62	46	.0	186	6.7	--
Mo 20	8-11-64	12	--	--	12	1.5	5.3	2.0	22	12	14	.2	1.7	84	36	18	.0	119	7.3	50
Mo 26	5-24-66	11	.01	.03	8.7	2.0	3.8	7.8	18	14	10	--	4.5	77	30	14	.0	114	6.4	--

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

Well no.	Date of collection	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	Specific conductance (micromhos at 25°C)	pH	Water temperature (°F)
		Parts per million																		
U.S. Public Health Service drinking-water standards	(recommended upper limit):	--	0.3	0.05	--	--	--	--	--	250	250	1.3 a/	45	500	--	--	0.5	--	--	--
Wells tapping stratified-drift aquifers--Continued																				
Town of New Canaan																				
NCn 21	8-13-64	11	.04	.01	11	3.5	6.8	1.6	30	19	10	.2	2.2	84	42	18	.0	135	7.0	56
Town of Newtown																				
Nt 5	5-24-66	9.7	.04	.02	14	2.0	3.7	1.6	34	18	2.0	--	5.2	80	43	15	.0	121	6.9	--
Town of Norwalk																				
Nw 16	11-23-64	10	.02	.01	21	69	11	2.0	50	28	22	.2	4.9	137	81	40	.0	231	6.7	58
Nw 20	1-11-65	--	--	--	14	3.6	8.5	--	36	21	10	--	4.0	--	50	20	--	150	7.1	51
Nw 20	1-12-65	--	.04	.00	15	2.8	9.2	--	32	21	12	--	4.7	--	49	23	--	155	7.4	50
Nw 38	11-10-66	12	.09	.03	22	7.8	10	2.5	48	41	26	.1	.0	154	87	48	.0	256	6.8	--
Nw 38	11-10-66	12	.04	.02	22	7.8	13	2.6	50	39	26	.1	.0	160	87	46	.0	255	7.0	65
Town of Redding																				
Rd 21	5-23-66	6.7	.05	.06	15	3.8	7.9	2.8	16	13	14	--	34	120	53	40	.1	179	6.4	--
Rd 24	6- 9-66	7.2	.45	.24	11	3.0	7.7	1.4	28	20	12	.1	.0	75	40	17	.0	133	6.9	--
Rd 30	5-24-66	9.5	.06	.03	22	8.8	5.6	1.7	86	17	10	--	1.9	130	91	20	.0	207	7.4	--
Town of Ridgefield																				
R 20	2-18-66	12	.76	.07	50	15	8.4	4.0	209	23	12	.2	.0	225	188	17	--	396	7.7	49
Town of Trumbull																				
Tr 1	5-23-66	8.7	.03	.01	24	2.1	9.8	1.4	33	17	32	--	2.0	129	68	42	.1	174	6.7	--
Town of Westport																				
Wp 9	8-11-64	10	.10	.02	67	30	106	--	27	44	315	.1	9.1	694	290	268	--	1,190	7.3	56
Wp 10	8-11-64	9.2	.08	.03	21	4.7	22	--	36	18	49	.2	1.8	166	72	42	--	275	7.4	64
Wp 11	8-11-64	9.8	.16	.02	18	4.6	18	--	38	18	36	.2	2.0	138	64	33	--	234	7.6	66
Wp 12	8-11-64	7.2	.22	.05	194	105	483	11	25	124	1,280	.2	1.8	2,430	916	895	--	4,200	7.0	64
Wp 21	10-27-64	--	.02	.01	15	6.4	5.8	--	58	16	7.9	.1	2.0	91	64	16	--	158	7.7	51
Town of Wilton																				
Wn 24	4- 9-65	12	.12	--	18	--	--	--	17	37	--	--	--	128	65	51	--	202	7.2	50
Wells tapping till aquifers																				
Town of Norwalk																				
Nw 33 c/	7- 8-66	4.2	.48	.01	15	15	229	6.8	75	52	350	.0	.0	718	99	38	--	1,350	7.1	62
Nw 34 c/	7- 8-66	5.0	.04	.01	62	114	964	.0	44	274	1,700	--	1.4	3,220	624	588	--	5,540	6.9	54
Nw 35 c/	7-11-66	4.9	.30	.17	110	122	848	36	75	200	1,700	.1	.0	3,300	777	716	--	5,290	7.1	55

a/ USPHS recommended control limits: lower - 0.8 ppm, optimum - 1.0 ppm.
b/ Well taps marble bedrock.
c/ Well located on one of Norwalk Islands in Long Island Sound.

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

Station number	Stream, lake or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of time discharge was equaled or exceeded (%)	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 as SiO_2	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
					Parts per million																				
U.S. Public Health Service drinking-water standards			(recommended upper limit):		--	0.3	0.05	--	--	--	--	--	250	250	a/1.3	45	500	--	--	0.5	5	--	--	15	--
											NEW YORK														
2097.17	Browns Reservoir near Lewisboro	11-23-64	--	--	3.2	0.49	0.10	11	3.4	4.2	0.9	28	20	6.8	0.2	2.0	67	42	18	0.0	1	118	6.8	3	42
2097.95	Trinity Lake near Pound Ridge	11-24-64	--	--	3.3	.05	.03	29	2.7	1.5	1.4	87	13	3.3	.1	.8	105	84	12	.0	.7	178	7.7	2	42
2112.9	Byram River near Armonk	9-11-64	--	--	--	.17	--	30	9.0	b/7.1	--	112	16	11	--	4.6	154	112	20	--	--	256	7.7	--	66
	do	9-24-65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/140	--	--	66
	do	3- 1-66	--	--	7.2	.07	--	9.5	3.5	b/2.1	--	16	22	4.1	--	.6	57	38	25	--	--	92	6.8	18	35
2113	Byram River at Armonk	9-24-65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/1,800	--	--	60
2113.1	Wampus River near Armonk	9-24-65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/ 400	--	--	66
											CONNECTICUT														
2088.5	Poquonock River at Trumbull	4-26-62	30	22	5.1	.25	.00	8.6	1.6	6.0	1.3	16	13	9.8	.2	2.1	69	28	15	--	.5	103	6.3	14	58
	do	9-11-64	1.0	99	--	.23	--	20	3.9	b/14	--	52	13	27	--	2.2	126	66	24	--	--	214	7.6	--	76
	do	9- 9-65	.87	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/ 200	--	--	65
	do	3- 1-66	143	1	4.8	.32	--	7.3	1.4	b/ 7.8	--	6	17	12	--	1.8	62	24	19	--	--	98	6.0	17	--
2088.7	Rooster River at Bridgeport	9-11-64	1.2	99	--	.09	--	22	7.0	b/13	--	46	34	22	--	11	147	84	46	--	--	250	7.0	--	73
	do	9- 9-65	.85	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	270	--	--	66
	do	3- 1-66	70	1	4.7	.62	--	11	3.0	b/9.4	--	11	23	15	--	8.2	108	40	31	--	--	157	6.2	11	39
2089.09	Easton Lake Reservoir near Easton	6- 1-62	--	--	6.5	.09	.01	7.0	1.1	3.6	1.2	11	13	5.9	.1	.8	51	22	13	--	1	73	6.6	9	50
	do	8-11-64	--	--	5.8	.04	.04	6.6	1.4	4.4	1.3	10	15	6.6	.2	.7	51	22	14	.0	1	83	6.1	5	55
2089.1	Mill River near Plattsville	9-11-64	--	--	--	.05	--	8.2	2.1	b/6.7	--	21	13	8.8	--	.5	54	29	12	--	--	96	7.0	--	69
	do	9-10-63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/ 100	--	--	67
	do	3- 1-66	19	--	5.8	.19	--	8.4	1.7	b/6.7	--	5	22	10	--	1.9	70	28	24	--	--	108	6.1	9	39
2089.18	Mill River at Stratfield	9-11-64	.56	98	--	.36	--	13	3.3	b/11	--	20	19	24	--	.2	92	46	30	--	2	161	7.0	4	77
	do	9-10-65	.3	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/ 185	--	--	74
	do	3- 1-66	80	--	5.5	1.1	--	7.9	1.8	b/7.8	--	7	19	12	--	1.9	70	27	22	--	--	114	6.0	8	38
2089.19	Hemlock Reservoir near Plattsville e/	6- 1-62	--	--	4.0	.06	.01	6.4	1.6	3.6	1.0	16	13	5.5	.1	.4	47	27	14	--	.2	78	6.9	6	57
2089.5	Sasco Brook near Southport	9-11-64	.04	99	--	.57	--	17	4.2	b/9.9	--	46	22	13	--	2.9	102	60	22	--	--	174	7.3	--	72
	do	9-16-65	.02	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/ 190	--	--	64
	do	3- 1-66	143	-1	7.0	.82	--	10	2.7	b/7.8	--	5	30	11	--	2.9	83	36	32	--	--	129	58	11	35
2089.9	Saugatuck River at Redding	9-11-64	.6	99	--	.14	--	20	6.3	b/3.4	--	74	13	6.4	--	.7	102	76	16	--	--	174	7.3	--	70
	do	9-17-65	.85	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/ 165	--	--	60
	do	3- 1-66	210	2	6.1	.19	--	9.6	2.2	b/4.8	--	20	18	5.6	--	.7	63	33	16	--	--	85	6.7	16	33
2089.99	Little River at Sanfordtown	9-11-64	.15	92	--	.08	--	10	3.2	b/5.5	--	33	13	6.5	--	.9	70	38	11	--	--	109	7.2	--	70
	do	9-17-63	.08	95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/ 115	--	--	58
	do	3- 1-66	70	1	4.9	.38	--	6.8	1.7	b/5.1	--	8	17	7.0	--	1.0	45	24	18	--	--	83	6.1	11	34
2090	Saugatuck Reservoir near Lyons Plain	8-11-64	--	--	3.7	.03	.02	11	2.6	3.3	.9	32	14	5.2	.2	.5	60	38	12	.0	2	104	7.1	3	--
2090.1	Saugatuck River near Lyons Plain	9-11-64	15	--	--	.06	--	10	3.4	b/4.6	--	31	14	6.0	--	.4	57	39	14	--	--	102	7.3	--	72
	do	3- 1-66	40	--	6.2	.13	--	6.0	1.4	b/6.7	--	4	19	8.4	--	.4	38	21	18	--	--	67	5.9	12	33
2090.5	Saugatuck River near Westport	10-27-64	--	--	--	.49	.02	11	5.5	b/.5	--	34	14	6.0	--	.1	64	50	22	--	--	104	7.4	--	51
2090.8	Aspetuck River at Hopewell	9-11-64	.3	87	--	.28	--	12	4.4	b/5.3	--	42	14	6.8	--	1.2	74	48	14	--	--	124	7.2	--	86
	do	9-16-65	.26	89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/ 130	--	--	69
	do	3- 1-66	--	--	5.0	.21	--	6.0	1.0	b/3.0	--	4	17	2.7	--	1.1	41	19	16	--	--	62	5.7	18	32
2090.95	Aspetuck River near Easton	9-11-64	.3	97	--	.13	--	8.0	1.9	b/5.5	--	17	15	7.2	--	.4	53	28	14	--	--	90	7.1	--	78
	do	9-16-65	2.2	81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/ 80	--	--	68
	do	3- 1-66	48	14	5.6	.16	--	6.3	1.6	b/4.1	--	6	18	5.0	--	.6	46	22	17	--	--	73	5.9	19	32
2091	Aspetuck Reservoir near Easton	8-11-64	--	--	.9	.28	.04	8.9	2.1	4.4	1.5	24	13	6.5	.2	1.3	55	30	11	.0	1	98	6.5	12	--
2091.1	Aspetuck River at Aspetuck	9-11-64	--	--	--	.18	--	12	3.4	b/7.1	--	47	7.6	9.0	--	.5	65	44	6	--	--	122	7.6	8	76
	do	9-16-65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/190	--	--	64
		3- 1-66	--	--	6.1	.51	--	8.2	1.8	b/5.8	--	8	21	7.9	--	1.5	54	28	22	--	--	95	6.2	7	33

Table 8.--Chemical analyses of wat om streams, lakes, and reservoirs--Continued

Station number	Stream, lake or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of time discharge was equaled or exceeded (%)	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 as SiO_2	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
					Parts per million																				
U.S. Public Health Service drinking-water standards				(recommended upper limit):	--	0.3	0.05	--	--	--	--	--	250	250	a/1.3	45	500	--	--	0.5	5	--	--	15	--
										CONNECTICUT--Continued															
2091.5	Aspetuck River near Westport	10-27-64	--	--	--	.06	.03	12	5.8	b/7.7	--	34	14	9.0	--	.9	66	54	26	--	--	118	7.6	--	49
2093	West Branch Saugatuck River at Weston	9-11-64	.15	98	--	.31	--	9.6	1.9	b/9.4	--	31	10	11	--	1.2	63	32	6	--	--	114	7.1	--	76
	do	9-17-65	1.5	81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/120	--	--	63
	do	3- 1-66	120	1	7.7	.28	--	7.4	2.1	b/8.0	--	7	22	11	--	.6	61	27	22	--	--	101	6.1	12	34
	do	10- 7-66	1.0	86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/155	--	--	53
2095	Saugatuck River near Westport f/	9-17-53	12	--	3.6	.18	.02	11	2.2	2.8	1.7	30	16	4.3	.0	.3	62	37	13	--	--	90	7.2	7	--
	do	a/ 4-19-54	405	--	6.4	.09	.00	6.8	1.3	3.0	1.2	15	16	3.0	.0	1.2	55	23	11	--	--	74	6.5	6	--
	do	11-27-62	53	--	7.9	.10	.00	9.0	1.7	4.2	1.2	16	17	6.0	.1	.6	60	30	17	.0	.6	90	7.0	8	37
	do	4-16-63	--	--	5.8	.02	.05	9.5	2.2	4.1	1.2	24	14	6.5	.1	1.4	58	33	13	.0	.4	101	6.6	2	50
	do	9-11-64	17	--	--	.11	--	11	2.8	b/5.3	--	32	14	6.7	--	.4	63	39	13	--	--	107	7.2	--	72
	do	10-27-64	18	--	--	.07	.03	11	5.0	b/2.8	--	34	16	6.8	--	.2	61	48	20	--	--	108	7.4	--	51
	do	9-16-65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/125	--	--	68
	do	3- 1-66	285	--	7.0	.38	--	9.5	2.3	b/7.4	--	11	24	10	--	1.1	63	33	24	--	--	114	6.4	9	34
2095.5	Ridgefield Brook near Ridgefield	9-11-64	.02	99	--	.06	--	60	16	10	4.2	230	19	20	--	1.2	268	215	26	--	--	448	7.7	--	72
	do	9-20-65	.15	97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/540	--	--	65
	do	3- 1-66	22	5	7.3	.21	--	25	8.6	b/10	--	68	35	19	--	2.5	158	98	42	--	--	258	7.0	25	33
2095.68	Norwalk River at Georgetown	7-17-64	--	--	--	.77	--	25	10	6.4	--	94	16	17	--	.9	137	104	27	--	--	229	7.6	--	83
2095.69	Norwalk River at Georgetown h/	7-17-64	--	--	--	15	--	167	7.5	13	5.6	0	191	196	--	14	700	448	448	--	--	1,150	3.5	--	80
2095.7	Norwalk River at Georgetown	7-17-64	5.5	72	--	.98	--	61	12	b/6.7	--	12	98	70	--	5.0	317	200	190	--	--	475	6.1	--	79
	do	9-11-64	.9	96	--	32	--	61	5.6	16	4.9	0	280	61	--	2.8	438	175	175	--	--	1,210	2.8	5	76
	do	9-20-65	1.6	91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/1,300	--	--	65
	do	3- 1-66	200	1	6.3	1.2	--	14	3.9	b/7.6	--	28	23	14	--	1.3	98	51	28	--	--	154	6.7	8	35
2096	Comstock Brook at North Wilton	9-11-64	i/.001	99	--	.16	--	20	5.8	b/12	--	62	19	18	--	2.9	124	74	23	--	--	215	7.0	--	72
	do	9-20-65	.08	91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/190	--	--	63
	do	3- 1-66	9.0	21	5.2	.38	--	6.9	1.9	b/4.1	--	10	16	6.0	--	1.1	55	25	17	--	--	76	6.9	19	34
2097	Norwalk River at South Wilton	11-27-62	52	36	8.3	.96	.05	16	4.2	5.4	2.0	38	23	12	.2	1.6	106	58	27	.0	.6	163	7.3	24	37
	do	4-15-63	35	49	4.7	.79	.03	21	4.3	6.2	2.0	50	22	15	.1	1.2	109	70	29	.0	.5	180	7.2	14	55
	do	7-17-64	9.0	82	--	.51	--	28	8.0	b/6.0	--	56	34	24	--	1.6	145	103	57	--	--	244	7.8	--	76
	do	9-11-64	.0	99	--	.20	--	16	3.9	b/7.8	--	26	25	17	--	1.7	104	56	34	--	--	167	7.1	4	73
	do	9-20-65	1.15	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/210	--	--	64
	do	3- 1-66	200	4	6.4	2.2	--	14	2.2	b/7.6	--	22	22	13	--	1.6	83	44	26	--	--	137	6.7	14	37
2097.18	John D. Milne Lake Reservoir near New Canaan	11-23-64	--	--	3.7	.25	.14	9.1	2.4	3.9	.7	25	14	7.4	.1	.6	57	32	12	.0	2	97	7.0	3	46
2097.19	Grapes Reservoir near New Canaan	11-23-64	--	--	3.2	.17	.03	9.3	2.7	4.0	.7	26	14	7.5	.2	.3	58	34	12	.0	.4	98	7.1	2	43
2097.38	Rock Lake near Silvermine	11-24-64	--	--	3.7	.53	.11	8.7	2.7	4.7	1.0	14	18	12	.2	.6	63	32	21	.0	1	105	6.9	3	41
2097.39	South Norwalk Reservoir near Silvermine	11-24-64	--	--	4.3	.14	.08	8.2	2.5	4.3	1.4	15	17	9.0	.2	1.0	62	30	18	.0	1	104	6.4	2	38
2097.4	Beldon Hill Brook near Silvermine	9-11-64	.3	--	--	.12	--	8.2	2.8	b/5.3	--	20	13	8.2	--	2.6	57	32	16	--	--	98	6.8	4	73
	do	9-21-65	.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/105	--	--	68
	do	3- 1-66	1.8	--	6.3	.85	--	11	3.3	b/10	--	18	24	16	--	1.8	88	41	26	--	--	147	6.5	17	36
2097.5	Silvermine River at Silvermine	9-11-64	1.0	95	--	.28	--	10	2.7	b/6.9	--	28	13	10	--	.7	66	36	13	--	--	114	7.1	4	77
	do	9-21-65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/125	--	--	67
	do	3- 1-66	--	--	6.6	.97	--	10	3.2	b/6.9	--	10	26	12	--	1.4	74	38	30	--	--	124	6.3	13	36
2097.6	New Canaan (Donoke) Reservoir near New Canaan	8-13-64	--	--	2.0	.06	.02	7.6	1.9	4.4	.7	12	16	6.9	.2	.4	51	27	17	.0	1	88	6.5	7	72
2097.7	Fivemile River near Norwalk	4-26-62	18	23	5.4	.41	.12	11	3.2	9.5	2.1	20	24	11	.2	8.2	97	41	24	--	.1	156	6.6	4	60
	do	9-11-64	.45	99	--	.34	--	15	5.5	b/22	--	45	29	27	--	2.8	140	60	23	--	--	238	7.1	--	80
	do	9-21-65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/265	--	--	74
	do	3- 1-66	82	1	6.7	.83	--	14	3.6	b/14	--	12	27	26	--	6.6	112	50	40	--	--	193	6.4	13	36
2097.8	Stony Brook at Darien	9-22-65	.001	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/320	--	--	73

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

Station number	Stream, lake or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of time discharge was equaled or exceeded (%)	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 as SiO_2	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
					Parts per million																				
U.S. Public Health Service drinking-water standards				(recommended upper limit):	--	0.3	0.05	--	--	--	--	--	250	250	a/1.3	45	500	--	--	0.5	5	--	--	15	--
												CONNECTICUT--Continued													
2097.85	Noroton River near Stamford	9-11-64	140	89	--	.45	--	18	6.1	b/7.8	--	38	23	21	--	2.7	100	70	39	--	--	197	7.1	--	80
	do	9-22-65	1.0	94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/245	--	--	77
	do	3- 1-66	22	17	6.8	.53	--	13	5.7	b/8.7	--	22	26	20	--	2.5	110	56	38	--	--	176	6.7	12	39
	do	10- 7-66	2.6	78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/290	--	--	56
2097.9	Siscowit Reservoir near Pond Ridge New York	11-24-64	--	--	3.2	.27	.08	9.4	2.3	5.1	1.4	12	24	6.8	.2	1.6	67	33	23	.0	1	107	6.3	3	39
2098	Mill River at Scotts Corners New York	9-23-65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/ 44	--	--	68
	do	10- 7-66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/200	--	--	54
2098.1	Laurel Reservoir at High Ridge	11-24-64	--	--	3.3	.49	.20	20	3.0	2.5	1.4	56	17	5.4	.2	.7	86	62	16	.0	2	146	7.2	6	38
2098.49	North Stamford Reservoir at North Stamford	11-24-64	--	--	4.2	.12	.01	14	2.4	4.0	1.3	39	16	7.0	.2	.5	71	45	13	.0	1	121	7.4	3	44
2098.5	Rippowam River at North Stamford	9-11-64	.08	--	--	1.7	--	18	5.8	b/1.2	--	41	12	18	--	.3	96	69	36	--	3	152	7.0	3	75
	do	9-23-65	j/.075	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/130	--	--	71
	do	3- 1-66	64	--	6.9	.86	--	14	2.2	b/12	--	26	20	18	--	1.6	87	44	22	--	--	154	6.9	7	37
2099	Rippowam River at Stamford	9-11-64	1.4	97	--	.21	--	25	6.7	b/15	--	58	26	32	--	4.2	154	90	42	--	--	269	7.1	--	76
	do	9-22-65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/320	--	--	76
	do	3- 1-66	105	1	7.2	.40	--	16	4.1	b/32	--	16	28	57	--	3.9	184	57	44	--	--	301	6.6	11	40
2102.79	Mianus (Bargh) Reservoir near Stanwich	11-20-64	--	--	2.5	.10	.02	14	3.2	4.2	1.7	42	17	7.2	.2	.2	75	48	14	.0	2	132	7.4	4	51
2102.8	Mianus River near Stanwich	9-11-64	--	--	--	.51	--	15	4.0	b/4.1	--	44	16	7.0	--	.5	78	54	18	--	2	129	7.6	6	71
	do	9-23-65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/135	--	--	67
	do	3- 1-66	--	--	6.0	.45	--	13	4.2	b/9.2	--	16	27	20	--	1.0	98	50	37	--	--	162	6.6	8	36
2103	East Branch Mianus River near Long Ridge	9-11-64	.01	98	--	.41	--	12	4.4	b/24	--	30	9	48	--	.2	122	48	24	--	1	226	7.2	3	72
	do	9-23-65	.04	95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/160	--	--	68
	do	3- 1-66	10	18	7.9	.31	--	9.9	3.5	b/9.9	--	8	25	19	--	1.2	99	39	32	--	--	140	6.5	13	35
2104.9	Mianus River near Riverbank	9-11-64	11.5	41	--	.21	--	14	5.1	b/1.6	--	42	15	6.8	--	.2	75	56	22	--	1	123	7.4	7	70
	do	9-23-64	11	43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/130	--	--	71
	do	3- 1-66	19	26	6.9	.32	--	13	3.3	b/13	--	15	26	24	--	1.5	100	46	34	--	--	169	6.7	9	37
2111	Greenwich Creek at Cos Cob	9-11-64	.08	96	--	.58	--	23	7.9	b/13	--	82	22	20	--	.8	142	90	23	--	3	242	7.7	6	75
	do	9-23-65	.05	98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/600	--	--	74
	do	3- 1-66	--	--	6.8	.31	--	15	5.5	b/ 9.2	--	23	33	17	--	2.9	105	60	41	--	--	180	6.7	11	37
2111.49	Putnam Lake near Round Hill	11-20-64	--	--	1.4	.06	.09	14	3.0	4.4	1.6	37	18	7.2	.2	.5	73	48	17	.0	2	130	7.0	5	48
2111.5	Horseneck Brook near Round Hill	9-11-64	.40	--	--	1.3	--	12	4.9	b/2.5	--	36	13	7.7	--	2.0	60	50	20	--	2	118	7.3	4	64
	do	9-23-65	.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	160	--	--	70
	do	3- 1-66	--	--	5.2	.17	--	11	2.6	b/5.5	--	17	24	6.9	--	2.0	70	38	24	--	--	112	6.6	14	38
2112	Horseneck Brook at Greenwich	9-11-64	.04	--	--	.87	--	16	6.6	b/9.0	--	66	18	10	--	.1	98	67	13	--	2	168	7.6	6	74
	do	9-23-65	.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/200	--	--	69
	do	3- 1-66	6.3	--	6.5	.22	--	14	5.1	b/6.9	--	24	31	12	--	3.3	100	56	36	--	--	156	6.7	9	38

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

Station number	Stream, lake or reservoir, and location	Date of collection	Instantaneous discharge (cfs)	Percent of time discharge was equaled or exceeded (%)	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 as SiO_2	Specific conductance (micromhos at 25°C)	pH	Color	Water temperature (°F)
					Parts per million																				
U.S. Public Health Service drinking-water standards				(recommended) upper limit):	--	0.3	0.05	--	--	--	--	--	250	250	a/1.3	45	500	--	--	0.5	5	--	--	15	--
											CONNECTICUT--Continued														
2116	Byram River at Riversville	9-11-64	.10	99	--	.10	--	22	8.5	b/11	--	86	24	13	--	.8	130	90	20	--	--	232	7.6	--	68
	do	3- 1-66	134	1	6.1	.69	--	14	4.1	b/8.3	--	31	25	12	--	2.0	105	52	26	--	--	156	6.7	8	34
2117	East Branch Byram River at Pound Hill	9-11-64	.02	99	--	.15	--	18	3.2	b/6.0	--	66	9.8	5.0	--	.3	84	58	4	--	2	139	7.5	9	63
	do	9-24-65	.10	92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/175	--	--	65
	do	3- 1-66	62	1	6.3	1.1	--	9.6	2.7	b/6.2	--	15	21	10	--	.6	56	35	23	--	--	92	6.6	13	34
2121	East Branch Byram River at Riversville	11-27-62	15	27	9.5	.09	.01	11	2.4	5.6	1.6	19	22	9.5	.1	1.1	83	38	22	.0	.9	124	7.3	5	37
	do	4-15-63	7.2	48	6.2	.07	.05	13	2.0	6.0	1.5	22	19	12	.1	.5	75	41	23	.0	.4	122	6.9	4	57
	do	9-11-64	.03	99	--	.26	--	17	6.2	b/9.9	--	39	20	26	--	.2	109	68	36	--	--	194	7.2	--	68
	do	3-19-65	15	27	--	--	--	--	2.8	--	--	17	25	22	--	--	--	44	30	--	--	161	7.0	3	--
	do	9-24-65	.14	98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/190	--	--	63
	do	3- 1-66	148	1	6.6	.30	--	--	4.0	b/3.7	--	13	28	8.1	--	1.6	78	44	34	--	--	133	6.6	11	34
3748.60	Round Pond Reservoir near Ridgefield	11-19-64	--	--	1.6	.12	.05	5.9	1.4	2.7	1.0	11	13	2.6	.1	1.0	39	20	12	.0	1	66	6.4	4	49

a/ USPHS recommended control limits: lower - 0.8 ppm, optimum - 1.0 ppm.

b/ Sodium (Na) and potassium (K) calculated as sodium (Na).

d/ Field determination.

e/ Phosphate (PO_4) .01 ppm; aluminum (Al) .1 ppm.

f/ Phosphate (PO_4) .0 ppm; aluminum (Al) .1 ppm; copper (Cu) .00 ppm; zinc (Zn) .03 ppm; lithium (Li) .2 ppm.

g/ Phosphate (PO_4) .0 ppm; aluminum (Al) .2 ppm; copper (Cu) .01 ppm; zinc (Zn) .00 ppm; lithium (Li) .0 ppm.

h/ Phosphate (PO_4) .00 ppm.

i/ Estimated.