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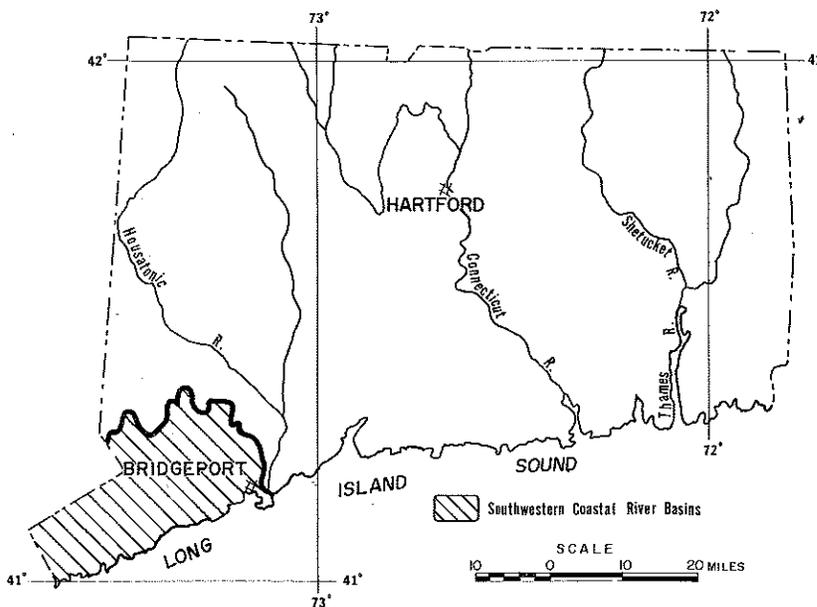
# HYDROGEOLOGIC DATA FOR THE SOUTHWESTERN COASTAL RIVER BASINS, CONNECTICUT

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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

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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.

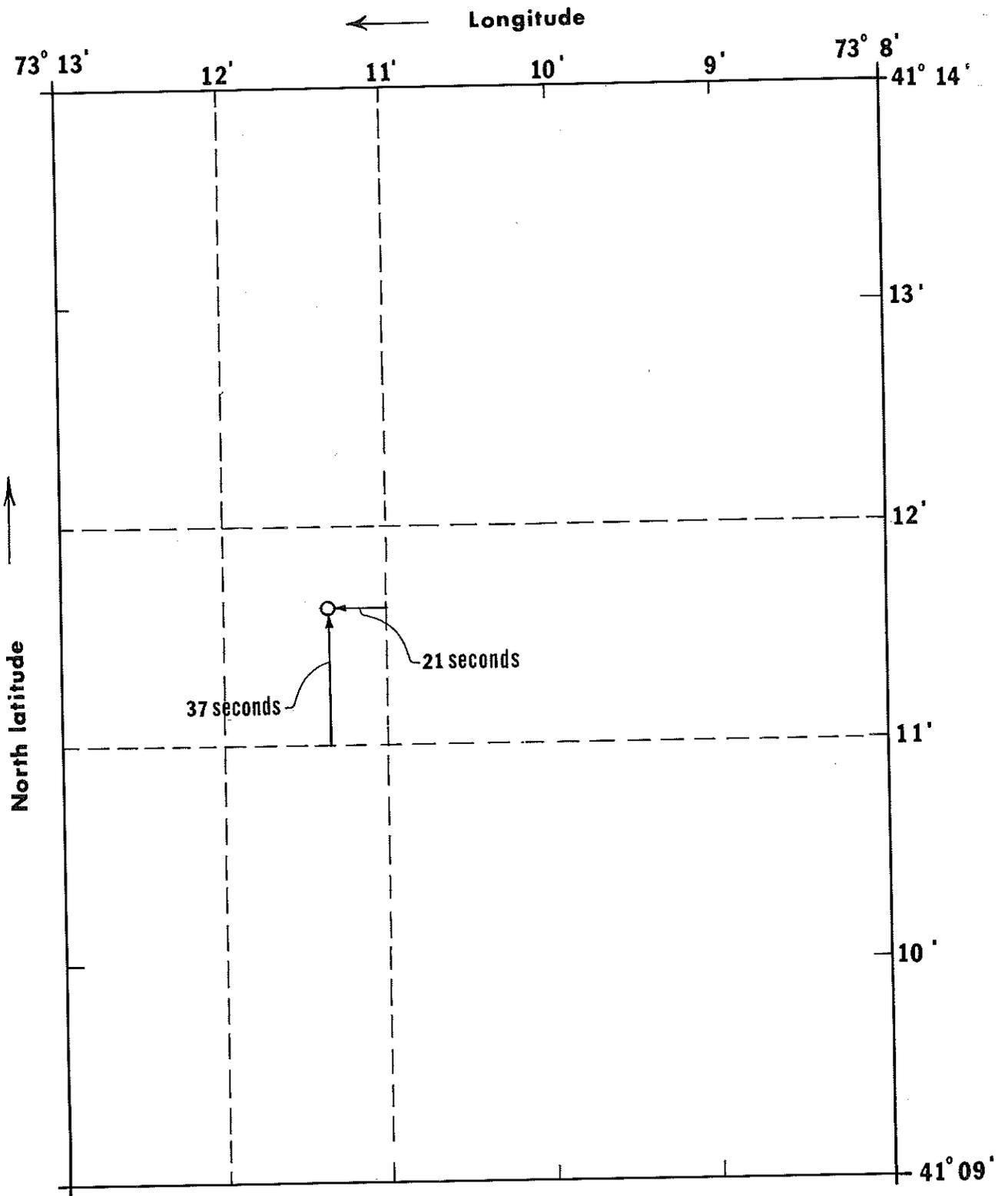


Figure 1- Sketch illustrating location of well Bp 15 (table 1).  
 The location number is 411137N731121.1

## 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 ( $\text{CaCO}_3$ ).

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:

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- 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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- Langbein, W. B., and Iseri, K. T., 1960, General introduction and hydrologic definitions: U.S. Geol. Survey Water-Supply Paper 1541-A, 29 p.
- LaSala, A. M., Jr., 1961, Ground-water levels in Connecticut, 1956-59: Connecticut Water Resources Bull. No. 2, 33 p.
- Meikle, R. L., and Baker, J. A., 1965, Ground-water levels in Connecticut, 1960-1964: Connecticut Water Resources Bull. No. 7, 26 p.
- 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.

Ryder, R. B., Cervione, M. A., Jr., Thomas, C. E., Jr., and Thomas, M. P. , in preparation, Water resources of Connecticut, part 4, southwestern coastal river basins: Connecticut Water Resources Bull. No. 17.

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--Continued

Well no.	Location	Owner	Year completed	Alt. to curb (ft)	Type of well	Diam. of well (in.)	Depth of well (ft)	Depth of casing (ft)	Type	Depth (ft)	Diam. (in.)	Diam. of opening (in.)	Type of opening	Type of rock	Depth to bedrock (ft)	Date of measurement	Height above or below land surface (ft)	Yield test (gpm)	Purpose and status of well	Remarks	
																					Finish
8p	411201W73131.2	American Chain Cable Co., Allison Comp. Division	1941	5	Drc	10	43	35	5	35-43	8	--	S C G	--	6	37	---	140 p	Ind, U	T 58°, water reported corrosive and salty.	
8p	410955W731310.1	Mrs. G. H. Dickie		17	Dug	48	15	--	05	0-15	48	--	S	--	9-63	12.28	--	--	Dom. obs, U	ML.	
Dy	412020W7327239.1	W. G. Tomlinson	1954c	485	Drc	6	50	50	0	--	--	--	S C G	--	-54c	11	--	50c	Dom, U	L, bottom filled with pebbles and developed free of sand.	
Dy	412034W732807.1	Gerald Reichen	1961	505	Drc	6	22	22	0	--	--	--	Q	--	3-61	16	4r	24	Dom, U	L.	
Dy	412019W7327255.1	Lloyd Rose	1965	485	Drc	6	65	9	0H	--	--	--	R	4	8-65	8	37r	2	Dom, U	L.	
Dy	411957W7327353.1	Margret Shiffen	1962	535	Drc	6	60	30	0H	--	--	--	R	25	6-62	7	33r	3	Dom, U	L, CA.	
Dy	411956W732634.1	J. K. Hojler	1961	455	Drc	6	246	25	0H	--	--	--	R	16	8-61	7	239r	1	Dom, U	CA.	
Dy	412032W732745.1	Maubeeka Lake Association	1964	490	Drc	8	43	37	5	37-43	8	60	Q	51	5-64	8	28r	24	PS, Un	L, standby well for well supplying 125 homes.	
Da	410555W732958.1	J. D. Wheeler	1957	195	Drc	6	207	35	0H	--	--	--	R	27	6-57	25	80r	5	Dom, U	Water contains some iron.	
Da	410649W732903.1	William Rowe	1964	250	Drc	6	149.4	65	0H	--	--	--	R	57	9-64	--	82	20c	Dom, U	L.	
Da	410451W73102.1	Norston Water Co.	1937	47	Drc	8	52	32	S	32-52	8	--	Q	52	--	--	--	325p	PS, U	L, CA, supplements water from Stamford Water Co.	
Da	410528W732922.1	Mac Burn Country Club	1955	118	Drc	6	24	14	S	14-24	5	188	S	--	8-55	2	8	2	Test, Des	L.	
Da	410528W732930.1	do	1955	120	Drc	6	24	14	S	14-24	5	188	S C G	24	8-55	5	7.5	2	Test, Des	L.	
Da	410456W73056.1	Middlesex Swim Club	1966	48	Drc	6	74	70	S	70-74	6	--	S C G	73	--	--	--	45p	Inst, U	L.	
Da	410406W73032.1	Norston Water Co.		27	Drc	8	41	31	S	31-41	8	--	S C G	--	--	3-5	4.5	--	90p	Test, Des	L.
E	411926W731734.1	S. W. Lebrat	1958	550	Drc	6	430	27	0H	--	--	--	R	19	11-58	37	163r	4	3.5b	Dom, U	CA, water softener used.
E	411537W731802.1	George Moore	1964	430	Drc	6	120	26	0H	--	--	--	R	20	5-64	10	100r	15min	6b	Dom, U	
E	411847W731649.1	D. W. Loiselle		352	Dug	36	10.4	--	05	0-10	36	--	S C G	--	8-64	9.05	--	--	--	Dom, U	
E	411802W731711.1	Dr. J. O. Ward	1930c	395	Dug	36	11.2	--	05	0-11	36	--	S C G	--	8-64	9.62	--	--	--	Dom, U	
E	411926W731531.1	Thomas Taylor	1920c	123	Dug	48	14.8	--	05	0-14	48	--	S C G	--	9-64	13.01	--	--	--	Dom, U	Used in spring only, supplements supply from Bridgeport Hydraulic Co.
E	411711W731935.1	J. G. Trinsley		298	Dug	36	7.0	--	05	0-7	36	--	S C G	--	10-64	6.54	--	--	--	Dom, U	Supplies 2 people.
E	411613W731944.1	J. H. Naber		305	Drc	6	206.7	--	0H	--	--	--	R	--	10-64	24.16	--	--	--	Dom, U	CA.
E	411555W731915.1	John Brinkwitz	1964	285	Drc	6	116.2	30	0H	--	--	--	R	30	10-64	16.81	90r	20min	3.5b	Dom, U	L.
E	411609W731904.1	Frank H. Smith		283	Dug	36	17.6	--	05	0-17	36	--	S C G	--	10-64	16.04	--	--	--	Dom, U	CA.
E	411636W731936.1	Bridgeport Hydraulic Co.		295	Dug	24	19.2	--	05	0-19	24	--	S C G	--	10-64	18.64	--	--	--	Dom, U	ML.

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

Well no.	Location	Owner	Year completed	Altitude of top of well (ft.)	Diameter of well (in.)	Depth of well casing (ft.)	Depth of casing (ft.)	Type of well	Finish	Town of Easton--Continued		Depth to bed-rock (ft.)	Date of measurement	Height above (+) or below (-) surface (ft.)	Draw-down or recovery (ft.)	Duration of test (hrs.)	Yield (gpm)	Purpose and status of well	Remarks
										Depth (ft.)	Other opening (in.)								
E 13	411521N731903.1	J. Robinson	1961	245	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	60	8.7	--	OS	0-8	60	S & C	--	10-64	5.72	--	--	12p	Agr, U	CA, water used for cooling and processing.
E 15	411457N731919.1	Bridgeport Hydraulic Co.	1961	241	36	17.1	17	C	--	--	S & C	--	10-64	10.93	--	--	--	Dom, Agr, U	
E 17	411353N731917.1	Anthony Weiser	1963	232	6	23.3	23	O	--	--	R	23 ↑	10-64	10.99	--	--	--	Com, Dom, U	Flowed when drilled.
E 19	41139N731929.1	Edmund H. Wolcott	222	222	36	11.8	--	OS	0-11	36	S & C	--	10-64	9.58	--	--	--	Dom, U	CA.
E 21	41132N731919.1	C. N. Hoagland	1962	242	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 Buckwald	1965	280	6	170	53	OH	--	--	R	50	10-65	8	152r	10	7b	Dom, U	
E 24	411252N731938.1	W. T. Kellogg	1961	198	6	112	20	OH	--	--	R	20	-64	35	--	--	50b	Dom, U	Overlying stratified-drift aquifer may support part of yield.
E 25	411212N731931.1	Margaret Kerr	1962	215	6	160	19.5	OH	--	--	R	18	11-62	7	143r	45min	5b	Dom, U	
E 26	411741N731726.1	William Hayden	1962	410	6	160	14	OH	--	--	R	14	10-62	10	136r	4	4b	Dom, U	CA.
E 27	411642N731656.1	Alfred Lange	1959	440	6	250	21	OH	--	--	R	6	3-59	40	--	4	2b	Dom, U	CA.
E 28	411252N731554.1	Anthony Palumbo	1958	285	6	280	7	OH	--	--	R	4	1-58	30	245r	40min	.25b	Dom, U	CA.
E 29	411443N731540.1	S. J. Angelica	1959	405	6	121	22	OH	--	--	R	15	6-59	22	93r	20min	6b	Dom, U	CA.
E 30	411439N731952.1	F. J. Hoffman	1965	445	6	160	30	OH	--	--	R	25	4-65	15	45r	1	20+b	Dom, U	CA.
E 31	411450N731832.1	Joseph Klinger	1964	370	6	100	30	OH	--	--	R	30	8-64	5	95r	3	2.5b	Dom, U	CA.
Ff 1	411022N731616.1	Bridgeport Hydraulic Co.	1956	30	10	49	20	S	20-45	10	G	49	7-56	2	16	8	600p	Test, Des	
Ff 2	411021N731618.1	do	1956	30	10	66	56	S	56-66	10	S & C	66	6-56	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	411016N731600.1	do	1956	30	10	62	37	S	37-62	10	S & C	62	6-56	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	10	38	32	S	--	--	S	32	--	--	--	--	--	Test, Des	L.
Ff 5	411204N731515.1	Seba Greenwell	1950c	103	6	150	30	OH	--	--	R	30	--	--	--	--	8b	Dom, U	
Ff 6	411101N731605.1	Eugene M. Moore	77	77	8	166.2	27.3	OH	--	--	R	27	9-54	25.07	--	--	--	Dom, U	Bottom of well very soft.
Ff 7	411103N731603.1	do	75	75	8	58.8	25	OH	--	--	R	25	9-54	21.86	--	--	--	Dom, U	CA.
Ff 8	411056N731545.1	Unknown	73	73	36	26.7	--	OS	0-26	36	S & C	--	9-54	25.67	--	--	--	Dom, Des	
Ff 9	410959N731620.1	Stephen Drotar	1949	35	36	17.3	17	C	--	--	S & C	--	9-54	16.71	--	--	--	Dom, Un	Bridgeport Hydraulic Co. water used.
Ff 10	411025N731612.1	Bridgeport Hydraulic Co.	1956	35	8	57	57	O	--	--	S & C	57	7-56	2	--	--	--	Test, Des	L.
Ff 11	411025N731615.1	do	1956	35	8	47	33	S	33-47	8	G	47	7-56	1	--	--	560p	Test, Des	L.
Ff 12	411212N731958.1	S. Hecht	1925	170	36	12.8	--	OS	0-12	36	--	7111	11-64	10.90	--	--	--	Dom, U	Water from Aspetuck River used to water lawn.

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

Well no.	Location	Year completed	Altitude (ft)	Diam-eter of well (in.)	Depth of casing (ft)	Type	Finish		Depth to bed-rock (ft)	Type of aquifer	Date of measurement	Height above or below surface (ft)	Draw-down or recovery (ft)	Yield test		Purpose and status of well	Remarks	
							Depth (ft)	Diam-eter (in.)						Duration of test (hrs)	Yield (gpm)			
Town of Fairfield--Continued																		
Ff 15	411254N731538.1	1958	125	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	1960	30	7	135	36	OH	--	--	R	36	4-60	9	91r	3	30b	Comp, U	Water used for air conditioning only.
Ff 17	410831N731559.1	1892	15	6	186	186	0	--	--	R	100	--	--	--	--	500p	Ind, Ab	Yield declined to 10-20 gpm; water is brookish and contains sand and silt.
Ff 18	411022N731616.2	1966	26	8	44-4	33	OS	32-9-44-4	24	250	0	6-66	1.64	22	24	1015p	PS, U	L, CA, PT, T 51.9° 6-66.
Ff 19	411013N731900.1	1959	160	6	191	30	OH	--	--	R	25	12-59	20	165r	53min	7-5b	Dom, U	CA.
Ff 20	411220N731847.1	1961	260	6	100	20	OH	--	--	R	18	2-61	6	84r	1	6b	Dom, U	CA.
Ff 22	410859N731447.1	1941	12	6	16	16	0	--	--	S & S 1	--	-60c	8	--	--	20p	Ind, U	Water used for air conditioning; well cleaned of silt once.
Ff 23	411256N731531.1	1966	130	1 1/2	41-6	38-6	W	38-6-41-6	1 1/2	4	S & C 0	9-66	8-42	--	--	--	Obs, U	L.
Town of Branmich																		
Gw 2	410702N733959.1	1956	540	6	390	149	OH	--	--	R	45	11-56	20	80r	6	30b	Dom, U	
Gw 4	410515N734152.1	1956	350	6	198	32	OH	--	--	W	15	3-56	14	66r	4	6b	Dom, U	
Gw 5	410538N734123.1	1956	507	6	165	34	OH	--	--	R	34	6-56	15	65r	4	5b	Dom, U	
Gw 6	410359N734041.1	1956	255	6	154	18	OH	--	--	R	8	11-56	7	58r	4	20b	Dom, U	CA, T 54° 4-63.
Gw 9	410506N733742.1	1956	298	6	244	16	OH	--	--	R	38	1-56	15	45r	6	9b	Dom, U	
Gw 10	410446N733709.1	1956	245	6	203	15	OH	--	--	R	5	3-56	7	103r	4	20b	Dom, U	
Gw 14	410529N733602.1	1955	230	6	155	21	OH	--	--	R	11	9-55	12	88r	8	5b	Dom, U	
Gw 16	410816N733809.1	1962	448	6	160	56	OH	--	--	R	46	12-62	Flows	60r	4	10b	Dom, U	L.
Gw 17	410352N734138.1	1964	420	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	1957	560	6	190	13	OH	--	--	W	2	7-57	3	97r	4	10b	Dom, U	CA.
Gw 19	410410N734106.1	1956	280	6	167	11	OH	--	--	R	5	7-56	13	67r	4	6b	Dom, U	CA.
Town of Honron																		
Mo 8	412009N731403.1	1959	378	Dug	100	34-5	S, P	32-34-5	100	188	S & C	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	1962	445	Dug	36	11-0	C	--	--	T 111	--	7-64	7-71	--	--	--	Dom, U	Never falls; water produces slight iron stain on porcelain.
Mo 10	412014N731451.1	1960	370	Dug	36	12	C	--	--	S & C	--	7-64	6-59	--	--	--	Dom, U	CA, never falls.
Mo 11	411917N731547.1	1957	340	Drc	6	107	72-5	OH	--	R	70	3-57	10	30r	3min/h	13b	Dom, U	L, water produces slight iron stain on porcelain.
Mo 12	411917N731551.1	1940c	355	Dug	36	16	--	OS	0-16	36	--	7-64	12-40	--	--	--	Dom, U	Never falls; water produces slight iron stain on porcelain.
Mo 13	412007N731454.1	1964	365	Drc	6	48-7	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 of plat- (ft)	Diam- eter of well (in.)	Depth of well casing (ft)	Depth of casing (ft)	Type	Depth (ft)	Diam- eter (in.)	Slot opening (in.)	Type of seal-	Depth to bed- rock (ft)	Static water level		Yield test		Remarks	
														Date of measurement	Height above (+) or depth below (ft)	Draw- down or recovery (ft)	Duration of test (hrs)		Yield (gpm)
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 Pettino, Jr.	1953	338	Dug	36	14.7	14.7	C	--	--	S & C	--	7-64	12.95	--	--	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	--	--	C	--	8-64	12.46	--	--	Dom, Un MLb.	
Mo 19	412040N731543.1	Bridgport Hydraulic Co.	1957	468	Drc	8	24.5	16	S	16-	24.5	C	24.5	8-64	15.85	--	--	PS, U L, Blue Ridge well.	
Mo 20	411901N731593.1	do	1958	335	Drc	12	33	21	CS	21-	33	C	35	--	--	--	--	PS, U L, CA, T 50° 8-64, Steptey 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	--	--	C	--	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	--	--	Agf, U CA, drilled in dug well.	
Mo 26	411902N731618.1	Mortimer Bertlmer	1953	350	Dug	36	13.2	13.2	C	--	--	S & C	--	8-64	9.75	--	--	Dom, U CA, never falls.	
Mo 27	411903N731614.1	Dr. J. D. Rosenfeld	1954	370	Drc	6	160	25	OH	--	--	R	20	-54	20	--	--	Dom, U	
Mo 28	411811N731451.1	Bridgport Hydraulic Co.	1959	315	Brd	4	33	--	--	--	--	S & C	33	4-59	2	--	--	Test, Dos L.	
Mo 29	411858N731623.1	do	1959	335	Brd	4	29	--	--	--	--	S & C	29	4-59	3	--	--	Test, Dos L.	
Mo 30	411905N731506.1	do	1962	365	Drc	8	83.1	64	S	63.5-	84.5	7 1/2	50	5-65	3.14	43.8	7	265p	PS, Un L, T 51° 4-62.
Mo 31	411921N731617.1	Ernest Chuse	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 & C	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 holes.
Mo 33	411910N731612.1	Y.N.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	L, filter used to remove iron from water; water softener also used.
Mo 35	412023N731323.1	Emery S. Litzak	1964	505	Drc	6	510	32	OH	--	--	R	30	6-64	3	72r	10min	7.5b	Dom, U CA.
NCh 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.
NCh 8	411128N732904.1	A. F. Hurlburt	1956	315	Drc	6	150	21	OH	--	--	R	12	10-56	14	66r	6	4b	Dom, U L.
NCh 9	410952N733024.1	N. Steelton	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.
NCh 10	410937N732844.1	A. V. Barnes	1955	465	Drc	7	295	26	OH	--	--	R	19	4-56	20	100r	6	9+b	Dom, U
NCh 11	410837N732757.1	Hoyt's Nursery	1957	325	Drc	7	202	32	OH	--	--	R	21	9-64	35	85	5	35	Agf, U Inadequate.
NCh 15	410843N732948.1	Grand Union	1955	280	Drc	6	250	115	OH	--	--	R	34	8-55	0	120	15	60	Dom, U Water used for refrigeration.
NCh 16	411041N733115.1	N. B. Junkins	1956	575	Drc	6	315	106	OH	--	--	R	100	7-55	50	80r	4	5b	Dom, U Casing cemented 6 ft into rock.

Town of Monroe--Continued

Town of New Canton

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

Well no.	Location	Year completed	Altitude of well (ft)	Diam-eter of well (in.)	Depth of casing (ft)	Type	Depth (ft)	Diam-eter (in.)	Slot opening (ft)	Type of rock for	Depth to bed-rock (ft)	Static water level			Purpose and status of well	Remarks		
												Height above or below surface (ft)	Draw-down or recovery (ft)	Duration of test (hrs)			Yield (gpm)	
Town of New Canaan--Continued																		
NCn 17	410946W733039.1	1956	450	6	37	OH	--	--	--	R	25	5-56	23	67r	--	16b	Dom, U	
NCn 19	410735N733111.1	1956	335	7	44	OH	--	--	--	R	32	7-56	20	80	5	35p	Dom, U	Water used for cooling and cleaning.
NCn 20	410830N733037.1		440	6	61.3	OH	--	--	--	R	61	9-63	40.97	--	--	6-9b	Obs, Un	4L, measurements discontinued April 1966.
NCn 21	410732N733013.1		141	100	31.3	P	--	--	--	0	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	1964	435	6	38	OH	--	--	--	R	30	1-64	20	150	2	4a	Dom, U	
NCn 23	411219N732918.1	1964	468	6	65	OH	--	--	--	R	50	6-64	8	112	2	5-5b	Dom, U	Water produces iron stain on laundry and porcelain.
NCn 24	411105N733001.1	1964	530	6	84	OH	--	--	--	R	60	7-64	20	80	6	15p	Dom, U	Water softener used.
NCn 25	410741N733023.1	1957	155	6	17	S	17-21	5	188	S 6 0	21	9-57	7	10	2	12p	Test, Bas L.	
NCn 26	410744N733026.1	1957	155	6	24	0	--	--	--	S 6 0	24	--	--	--	--	--	Test, Bas L.	
NCn 27	410744N733022.1	1957	157	6	29	S	--	5	188	S 6 0	29	9-57	5	16	3	33p	Test, Bas L.	
NCn 28	411059N732858.1	1965	265	6	46	S	46-55	8	80	S 6 0	56	--	--	--	--	--	Test, Bas L.	driller reports very low yield; well re-placed by NCR 28a.
NCn 28a	411059N732858.2	1965	265	2	31.8	W	28.8-31.8	2	--	S 6 0	56	5-65	1-37	--	--	--	Obs, Un	
NCn 29	410653N733004.1	1965	124	6	56	OH	--	--	--	R	40	4-65	15	95	6	20a	Dom, U	
NCn 30	410741N733028.1	1965	155	6	45	0	--	--	--	0	--	5-65	8	--	--	30	Dom, U	
NCn 31	410741N732821.1	1957	150	6	23	S	23-29	5	188	S 6 0	39	9-57	6	11	1-5	10p	Test, Bas L.	
NCn 32	410743N733016.1	1963	180	6	22	OH	--	--	--	R	10	1-63	14	192	--	3a	Dom, U	
NCn 33	411056N732853.1	1964	268	6	38	OH	--	--	--	R	28	11-64	18	62	6	12a	Dom, U	
NCn 34	410754N732819.1	1964	183	6	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	1966	390	6	19	OH	--	--	--	R	10	1-66	20	145	2	8a	Dom, U	CA.
NCn 36	410949N733228.1	1957	295	6	34	OH	--	--	--	R	28	5-57	15	65r	4	8b	Dom, U	CA.
NCn 37	410704N732957.1	1958	148	6	38	OH	--	--	--	R	31	5-58	3	--	--	2b	Dom, U	CA.
NCn 38	410746N733113.1	1966	325	6	50	OH	--	--	--	R	40	2-66	20	180	6	20a	Dom, U	CA, water used to fill skating pond.
NCn 39	411124N733208.1	1956	470	6	37	OH	--	--	--	R	20	6-56	20	60r	5	6b	Dom, U	CA, casing cemented 17 ft into rock.
NCn 40	410938N733043.1	1956	425	6	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	1960	530	6	98	OH	--	--	--	R	97	9-64	36.37	100r	3	6b	Dom, U	
Nt 4	412100N732011.1		516	72	10.3	OS	0-10	72	--	S 6 0	--	9-64	3-22	--	--	--	Agf, Dom, U	T 54° 9-64.
Nt 5	412008N732015.1	1956c	485	36	11.6	C	--	--	--	S 6 0	--	9-64	6.03	--	--	--	Dom, U	CA, T 52° 9-64.
Nt 6	412025N732009.1	1959	480	7	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 Constructed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well casing (ft)	Depth of casing (ft)	Finish		Town of Norwalk		Static water level		Yield test		Purpose and status of well	Remarks		
									Type	Depth (ft)	Diameter (in.)	Slot opening (in.)	Type for	Depth to bed-rock (ft)	Date of measurement	Height above or below surface (ft)			Draw-down or recovery (ft)	Duration of test (hrs)
Nw 1	410656N732452.1	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	Power Co.	1943	41	Drc	--	75	70	S	70-75	S	--	--	12	24	250p	Ind, Ab	L, T 54° 1947; water salty.		
Nw 4	410645N732541.1	Fairfield Investors, Inc.	1932	90	Drc	10	81.6	52	OH	32-42 42-52	S OH	250 320	R	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	Cleaver Farms Dairy	1934	55	Drc	8	140	457	OH	--	R	40	--	--	--	22p	Ind, U	Water produced solely in boilers.		
Nw 16	410746N732550.1	1st Taxing District City of Norwalk Water Dept.	1955	45	Drc	20	96	76	OS	76-96	S C C	150	S C C	3	26	1440p	PS, U	L, T 58° 11-64; average pumpage 2 mgal; pumps 3200 gpm for short periods.		
Nw 17	410744N732551.1	do	1958	45	Dug	120	80	77	S	77-80	S C C	188	S C C	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	S C C	80 60	S C C	8.34	27.81	10.5	450p	Test, Un	L.	
Nw 19	410737N732522.1	do	1963	50	Drc	8	80	65	S	65-80	S C C	80	S C C	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	S	30	S	.09	26.26	24	125p	Test, U	L, CA, W, T 50.5° 1-65.	
Nw 21	410750N732548.1	do	1965	46	Dug	20	83.9	69	OS	69-84	S C C	100	S C C	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	V. Carter	1955	115	Drc	6	117.3	38	OH	--	R	28	--	25.36	1077	--	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	S C C	60	S C C	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	S C C	80	S C C	11.92	13.03	24	380p	Ind, Un	Supplied about 64,500 gpd when in use; bottom of well very soft.	
Nw 25	410804N732538.1	Muller Park Realty Co.	1950c	60	Drc	8	42.3	43	0	--	S C C	--	--	12.70	--	--	90p	Ind, Un	Flowed at 10 gpm when drilled.	
Nw 26	410834N732522.1	The Perkins-Elmer Corp.	1961	125	Drc	6	146	28	OH	--	R	11	--	Flow	140	--	40p	Ind, U		
Nw 27	410830N732449.1	City of Norwalk	1961	10	Dug	100	44.5	42	S	42-44	S C C	188	S C C	2-61	8	15	235p	Ind, U	Water used for cooling only and is salty.	
Nw 28	410650N732449.2	do	1961	10	Drc	8	75	--	S	--	S C C	188	S C C	2-61	8	12	78p	Test, Dos	L.	
Nw 29	410538N732715.1	Old Machonolds Farms, Inc.	1964	60	Drc	6	205	44	OH	--	R	34	--	2-64	20	185	6a	Dom, U	L.	
Nw 30	410848N732417.1	D. J. Turton	1965	140	Drc	6	170	20	OH	--	R	14	--	4-65	10	160	2	6a	Dom, U	CA.
Nw 31	410741N732659.1	J. D. Stewart	1965	215	Drc	6	285	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	T111	--	T111	--	--	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	T111	--	--	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 Stabel		9	Dug	22	11.5	--	OS	0-11	T111	--	--	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 of well (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Type	Depth (ft)	Slot opening (in.)	Type of rock for	Depth to rock (ft)	Static water level		Yield test		Remarks		
														Height above (+) or below surface (ft)	Date of measurement	Draw-down or recovery (ft)	Duration of test (hrs)		Yield (gpm)	Purpose and status of well
Nw 36	410752N732550.1	Test Toxicity of Nonalk Water Dept.	1966	45	Drc	20	85	70	OS	70-85	20	200	S & C	--	8-66	15-91	26.39	12	1280p	PS, U L, T 63° 8-66.
Nw 37	410748N732553.1	do	1964	45	Brd	1 1/2	95-4	91	S	91-95	1 1/2	--	S & C	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 & C	84	11-66	9-85	31.9	7	412p	Test, Ab L, CA, PT, T 65.5° 11-66.
Town of Norwalk--Continued																				
Rd 2	411842N732309.1	John Burrlett	1946	655	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	4b	Dom, Inst, U
Rd 12	411832N732306.1	Town of Road/ing	1948	650	Drc	8	196	29	OH	--	--	R	13	4-48	12	--	--	45	Inst, U	20 gpm at 171 ft.
Rd 16	411816N732010.1	John Razus	1964	645	Drc	6	250	44	OH	--	--	R	40	6-64	30	210r	4	4	4	Dom, U 3 gpm at 140 ft, 3.5 gpm at 178 ft, 3.75 gpm at 229 ft.
Rd 17	411835N732153.1	Mrs. H. T. Rowland	1942c	428	Dug	60	10.6	--	OS	0-10	60	--	S	9-64	9-80	--	--	--	--	Dom, U
Rd 18	411834N732155.1	do	1942c	425	Drc	1 1/2	12	--	W	--	--	--	S	8-63	5	--	--	--	--	Dom, U Driven by hand to refusal.
Rd 19	411734N732210.1	B. Guerlain	1945	405	Dug	48	28.8	--	OS	0-29	48	--	T111	9-64	19-27	--	--	--	--	Dom, Un WL.
Rd 21	411911N732031.1	Pierre Lutz	1950	450	Dug	36	6.7	--	OS	0-7	36	--	S & C	9-64	10-77	--	--	--	--	Dom, Un WL.
Rd 22	411907N732015.1	John Brooks	1958	455	Drc	6	96.5	97	0	--	--	--	G	9-64	11-49	40	15	15	Dom, U L, supplies about 12 people; water produces iron stain on porcelain.	
Rd 23	411903N732027.1	Mrs. Goodlet	1952c	455	Dug	36	17.1	--	OS	0-17	36	--	G	9-64	14-32	--	--	--	--	Dom, U
Rd 24	411826N731959.1	Bridgport Hydraulic Co.	1952c	355	Dug	36	10.6	11	C	--	--	--	S & C	9-64	7-83	--	--	--	--	Dom, U CA; water produces iron stain on laundry.
Rd 25	411842N732131.1	Albert Aquino	1965	615	Dug	48	10.3	--	OS	0-10	48	--	T111	9-64	9-53	--	--	--	--	Dom, Un WL.
Rd 26	411824N732221.1	Henry J. McQuade	1957	570	Dug	36	24.1	--	OS	0-24	36	--	T111	9-64	19-56	--	--	--	--	Dom, Un WL, inadequate.
Rd 27	411739N732034.1	E. Engstrom	1955	535	Dug	40	15.7	--	OS	0-16	40	--	T111	10-64	14-69	--	--	--	--	Dom, Ab WL.
Rd 28	411816N732241.1	J. M. Hadley	1963c	630	Dug	36	16.9	--	OS	0-17	36	--	T111	4-65	8-55	--	--	--	--	Dom, Ab WL, never failed when used.
Rd 30	411900N732335.1	West Redding Volunteer Fire Dept.	1963c	375	Drc	6	58	58	0	--	--	--	S & C	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	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	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	7	Dom, U Sand and gravel: 0-33 ft.
Rd 35	411924N732530.1	James Alworth	1965	385	Drc	6	72	22	OH	--	--	R	15	7-65	8	60r	3	6b	6b	Dom, U CA, water softener used.
Rd 36	411848N725548.1	Earl Brown	1965	500	Drc	6	152	131	OH	--	--	H	100	8-65	35	65r	8	6b	6b	Dom, U L.
Rd 37	411744N732512.1	Richard Taylor	1965	540	Drc	6	158	68	OH	--	--	R	48	7-65	5	153	3	30a	30a	Dom, U CA.
Rd 38	411804N732524.1	Edward Stecken	1964	475	Drc	6	365	60	OH	--	--	R	48?	--	--	--	--	--	3-75	Dom, U CA.
Rd 39	411824N732221.2	Henry J. McQuade	1957	570	Drc	6	200	--	OH	--	--	R	--	--	--	--	--	--	--	Dom, U CA, water softener used to remove iron.
Rd 40	411843N732126.1	Howard Tomu	1957	630	Drc	6	225	60	OH	--	--	R	50	4-57	6	144r	6	5.5b	6	Dom, U CA.

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

Well no.	Location	Owner	Year completed	Altitude (ft)	Diameter of well (in.)	Depth of casing (ft)	Type	Depth (ft)	Diameter (in.)	Slat opening (in.)	Type	Depth to bed-rock (ft)	Date of measurement	Height above or below surface (ft)	Draw-down or recovery (ft)	Duration of test (hrs)	Yield (gpm)	Purpose and status of well	Remarks
R 1	411612N728B3.1	Bert Ison	1955	710	6	50	OH	--	--	--	R	45	1-56	8	192r	8	5b	Dom, U	
R 8	411828N732923.1	Fanton Nurseries	1956	630	6	17	OH	--	--	--	M	12	11-56	20	80r	--	15b	Agr, U	
R 10	411935N732824.1	Carvel Ice Cream Co.	1955	512	54	12.5	S	10-12.5	54	188	S & C	--	10-56	7	4.5	16	25p	Dom, U	L. W. D. Ison
R 11	411904N732814.1	Camp Adventure	1955	510	6	103	OH	--	--	--	R	33	12-55	36	64	3	15p	Inst, U	Water used for drinking only.
R 12	411943N732800.1	Ridgefield Water Supply Co.	1964	510	2	14.2	W	11-17	2	25	G	17	3-65	.40	--	--	--	Test, Un	L. W. D. Ison
R 13	411947N732820.1	do	1964	505	6	24.5	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	2	20.2	W	19-24	2	25	S	23	3-65	2.37	--	--	--	Test, Un	L.
R 15	411853N732825.1	Bennus Watch Co.	1965	500	6	203	OH	--	--	--	WM	80	9-65	9.70	--	--	--	Ind, Un	L. used as observation well during pump test of R 18.
R 16	411623N732612.1	N. W. Kabaugh Inc.	1965	375	6	141.9	OH	--	--	--	R	22	10-65	21.57	--	--	--	Ind, U	
R 17	411948N732826.1	Ridgefield Restaurant	1965	515	6	370	OH	--	--	--	R	40	4-65	40	330	36	8a	Com, U	L.
R 18	411850N732824.1	Bennus Watch Co.	1965	495	6	178	OH	--	--	--	WM	50	12-65	7.15	27.75	7days	122p	Ind, Un	CA, PT. T 49.0" 12-65.
R 19	411948N732819.1	Ridgefield Water Supply Co.	1966	505	6	24.5	S	19.5-24.5	6	40	S & C	--	4-65	2.27	14.23	72	100p	Test, Un	L.
R 20	411852N732827.1	Bennus Watch Co.	1965	495	6	42.2	S	--	--	--	S	--	2-66	5.54	--	--	--	Test, Ab	CA, T 49" 2-66.
R 21	411744N732036.1	Rich Chrysler Plymouth, Inc.	1965	588	6	185	OH	--	--	--	R	76	6-65	4	181	3	50a	Com, Un	
R 22	411814N732836.1	Hsif	1964	550	6	128	OH	--	--	--	M	56	5-64	Flows	--	--	100	Dom, U	L. flowed at 15 gpm when drilled.
R 23	411528N732632.1	Louis Rudolff	1965	348	6	98	OH	--	--	--	R	30	6-65	10	80r	--	15b	Dom, U	Course grovel: 0-30 ft.
R 24	411855N732931.1	E. J. Foster	1961	585	6	102	OH	--	--	--	M	15	6-61	3	--	--	30	Dom, U	L, CA.
R 25	411437N732941.1	Wm. S. Vishnosky	1962	695	6	102	OH	--	--	--	R	30	3-62	10	30r	--	40b	Dom, U	CA.
Sh 1	411636N730943.1	Otto Goetz	1964	310	6	133	OH	--	--	--	R	50	5-64	20	--	4	6.5b	Dom, U	Gravel: 0-12 ft.
Stm 1	410214N73301.1	Optical Plastics Corp.	1955	56	6	221	OH	--	--	--	R	4	12-55	9	31	10	30p	Ind, U	
Stm 2	410252N733148.1	Stanford Polish & Plate Co.	1955	8	6	84	OH	--	--	--	R	60	11-55	6	7	10	50p	Ind, U	L, CA.
Stm 3	410544N733538.1	G. J. Derwin	1956	262	6	300	OH	--	--	--	R	3	9-56	42	58r	8	25b	Dom, U	
Stm 5	410542N733507.1	P. Brissette	1955	145	8	112	OH	--	--	--	R	18	9-55	9	61r	8	15b	Dom, U	
Stm 6	410421N733428.1	A. F. Sosna	1956	87	6	98	OH	--	--	--	R	25	1-56	5	20r	3	20b	Dom, U	L.
Stm 7	410649N733408.1	S. Lovlow	1957	345	6	280	0	--	--	--	R	60	6-57	30	45	12	60	Dom, U	6-inch casing cemented 10 ft into rock.
Stm 8	410806N733548.1	A. S. Poltrack	1956	285	6	163	OH	--	--	--	R	4	8-56	14	81	4	6.6	Dom, U	
Stm 12	410522N733104.1	Cerro Copper & Brass Co.	1957	75	10	77	5	51.4-64	10	40	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			Static water level			Yield test			Remarks		
									Depth (ft)	Slot opening (in.)	Type of aquifer	Depth to bed-rock (ft)	Date of measurement	Height above or below land surface (ft)	Draw-down or recovery (ft)	Duration of test (hrs)	Yield (gpm)		Purpose and status of well	
Stm 12	410517W733215-1	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. Doucos	1964	250	Dra	6	100	28	OH	--	--	R	20	7-64	12	68	4	12a	Dom, U	Course gravel: 0-20 ft.
Stm 15	410648N733300-1	Stamford Water Co.	1963	132	Drc	16	45	35	CS	35-45	16	80	6	7-63	3	29.5	216	700p	PS, U	L, average pumpage: 740,000 gpd.
Stm 16	410648N733300-2	do		132	Brd	1 1/2	32.9	30	W	30-32.9	1 1/2	--	0	10-64	2.45	--	--	--	Test, Un	MLB, T 46, S <sup>2</sup> 3-65.
Stm 17	410648N733300-3	do		132	Brd	2	31	29	W	29-31	2	--	0	10-64	2.96	--	--	--	Test, Un	
Stm 18	410648N733258-1	do		132	Brd	2	15.2	13	W	13-15.2	2	--	0	10-64	3.40	--	--	--	Test, Un	
Stm 19	410228N733219-1	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	410838N733219-1	Monroe Hagnus	1965	245	Drc	6	140	21	OH	--	--	R	5	3-65	7	78+	6	10b	Dom, U	
Stm 21	410728N733234-1	Ferdinand Buraw	1955	185	Drc	6	81	27	OH	--	--	R	19	4-56	11	48+	3	8b	Dom, U	Gravel: 0-19 ft.
Stm 22	410628N733219-1	John P. Noyden	1963	176	Drc	6	104	39	OH	--	--	R	33	11-63	6	16+	4	15b	Dom, U	L.
Stm 23	410554N733355-1	Saul Muhlwitz	1959	90	Drc	6	132	80	OH	--	--	R	77	2-59	13	87+	9	10b	Dom, U	L.
Stm 24	410553N733351-1	Alex Gray	1965	90	Drc	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 Roth, Sr.	1964	100	Drc	6	201	58	OH	--	--	R	30	12-64	13	47+	8	35b	Com, U	
Stm 26	410431N733117-1	Glenbrook Laboratories	1927	50	Drc	6	241	55	OH	--	--	R	50	6-66	6	69+	--	40b	Ind, U	Water has high sulfate content; well used only 1 hour a week.
Stm 27	410547N733108-1	Mechlett Laboratories	1965	87	Drc	10	324	45	OH	--	--	R	35	6-65	31	153	24	50p	Ind, U	CA, water softener used; gravel: 0-38 ft.
Stm 28	410925N733226-1	H. Birschhoff	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, C, G	42	--	--	--	75p	Test, Dos	L, aquifer reported "very dirty."
Stm 31	410351N733247-1	do	1963	25	Drc	8	60	50	S	50-60	8	--	S, C, G	69	3-63	4	--	150p	Test, Dos	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, Dos	L, estimated long-term yield: 200-250 gpm.
Stm 33	410913N733536-1	Charles S. Horner	1964	445	Drc	6	126	48	OH	--	--	R	48	6-64	14	86+	4	13b	Dom, U	CA.
Stm 34	410748N733339-1	Lester Rossin	1956	355	Drc	6	210	98	OH	--	--	R	15	5-56	25	35+	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 Geriak	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	46-57	10	--	R	57	--	--	--	300p	Ind, U	CA, gravel: 0-57 ft, water is poor quality.
Stm 39	410212N733131-1	Acme Electro-Plating	1962c	17	Drc	6	65	65	0	--	--	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 of plot--(ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Finish			Static water level			Yield test			Purpose and status of well	Remarks	
									Type	Depth (ft)	Blower (in.)	Slot opening (in.)	Type of aquifer	Depth to bedrock (ft)	Date of measurement	Height above or below surface (ft)	Depth or recovery (ft)			Duration of test (hrs)
St 1	4110150730920.1	Town of Stratford	1961	9	Drc	6	21	16	5	16-21	6	188	S C C	52	12-61	5	7	12	18p	Test, Des L, originally cased to 53.5 ft.
St 2	4110170730921.1	do	1961	9	Drc	6	17.1	11.1	S	11-17.1	6	188	S C C	54	12-61	6	6	8	18p	Test, Des L, originally cased to 53.75 ft.
St 3	4110180730922.1	do	1961	9	Drc	6	18	13	S	13-18	6	188	S C C	58	12-61	6	2	5	20p	Test, Des L, originally cased to 57.5 ft.
St 4	411070730846.1	Orlo Rubber Co.	1956	25	Drc	8	300	23	OH	--	--	--	R	9	4-55	2.84	340	8	8	Ind, Un L, never used because of inadequate yield.
St 5	4110460730840.1	Alan Malchon	1961	15	Drc	6	60	14	OH	--	--	--	R	5	6-61	3	30r	1	20b	Dom, Ab L.
St 6	411220730815.1	Ross & Roberts, Inc.	1960c	15	Drc	2 1/2	20	17	W	17-20	2 1/2	--	S	--	6-66	1	--	--	125p	Ind, U L. Three other similarly constructed wells, St. 6b-6d at this site, were abandoned for all 4 wells combined, which supply 100,000 gpd.
St 7	411220730815.5	do	1960c	15	Drc	8	14	14	0	--	--	--	S	--	6-66	1	--	--	--	Ind, U L.
St 8	411220730815.6	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	411220731412.1	J. Snyder	1950c	300	Dug	36	13.9	14	C	--	--	--	S	--	7-64	8.77	--	--	--	Ind, U CA, supplied at least 10,000 gpd for cooling.
Tr 3	4116440731316.1	Edward Toner	1930c	215	Dug	36	7.9	--	OS	0-8	36	--	S C C	--	8-64	4.30	--	--	--	Dom, Ab WL.
Tr 4	4116440731317.1	do	1940c	215	Dug	72	17.6	--	OS	0-18	72	--	S C C	--	8-64	10.77	--	--	--	Dom, U T 51.5", 8-64.
Tr 5	4115500731254.1	Bridgport Hydraulic Co.	1957	180	Drc	10	54	42	S	42-54	10	60	S C C	57	11-57	9.51	--	49.5	645p	Test, Des L.
Tr 6	4115440731247.1	do	1957	173	Drc	10	51	41	S	41-51	10	--	S C C	64	11-57	10	16	--	38p	Test, Des L.
Tr 7	411540731252.1	do	1957	180	Drc	6	80	80	0	--	--	--	S C C	73	11-63	6	--	--	--	Test, Des L.
Tr 8	411540731257.1	do	1957	180	Drc	6	35	29	0	--	--	--	S C C	28	11-57	6	--	--	--	Test, Des L.
Tr 9	4115030731216.1	James McClinch	1960	145	Dug	36	19.9	20	C	--	--	--	S C C	--	8-64	19.17	--	--	--	Dom, U Well dry summer 1963.
Tr 10	4114240731115.1	Edward Raymond	1930c	115	Dug	24	12.8	--	OS	0-13	24	--	S C C	--	8-64	11.77	--	--	--	Dom, Un
Tr 11	4114180731103.1	Jacob Melitz	1930c	102	Dug	36	19.0	--	OS	0-19	36	--	S C C	--	8-64	17.24	--	--	--	Dom, U Water produces slight iron stain on porcelain.
Tr 12	411430731053.1	George Ziron	1942c	120	Dug	36	15.9	--	OS	0-16	36	--	S C C	--	8-64	15.66	--	--	--	Dom, U Dry summer 1961.
Tr 13	411340731059.1	Harlie Longdon	1948c	130	Dug	36	9.4	10	C	--	--	--	S C C	--	8-64	8.10	--	--	--	Dom, U Never failed.
Tr 14	411440731128.1	Joseph Mancinelli	1939	120	Dug	36	18.2	--	OS	0-18	36	--	S C C	--	8-64	16.55	--	--	--	Dom, Un Never failed.
Tr 15	4114300731102.1	Nicholas Bovans	1957c	100	Dug	36	13.8	14	C	--	--	--	S C C	--	8-64	11.83	--	--	--	Dom, U Never failed.
Tr 16	4117060731618.1	Bridgport Hydraulic Co.	1952c	315	Drc	6	130	40?	OH	--	--	--	R	35?	-52	15?	--	--	10	Dom, U
Tr 17	4114550731132.1	Claude Mantle	1957	155	Drc	6	200	34	OH	--	--	--	R	14	11-57	16	164r	4	4.5b	Clay and cobbles: 0-14 ft.
Tr 18	4117050731230.1	Leaster R. Knoch	1955	465	Drc	6	100	32	OH	--	--	--	R	13	11-55	10	70r	4	6b	CA, water is treated for iron.
Tr 19	4117520731318.1	Mrs. John Bartko	1956	505	Drc	6	196	53	OH	--	--	--	R	47	1-56	35	155r	55min	5.5b	CA.
Tr 20	4116320731433.1	F. E. Furzo	1961	485	Drc	6	220	37.5	OH	--	--	--	R	35	4-61	24	186r	20min	2b	Dom, U CA.
Tr 21	4114430731053.1	Howard Hempel	1957	128	Drc	6	95	15.5	OH	--	--	--	R	10	2-57	6	24r	1	13b	CA, gravel: 0-10 ft.



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

Well no.	Year completed	Altitude (ft)	Type of well	Diam. over casing (in.)	Depth of casing (ft)	Depth of well (ft)	Type	Finish		State water level		Yield test		Remarks	
								Depth (ft)	Diam. other (in.)	Date of measurement	Depth to bed-rock (ft)	Draw-down or depth below surface (ft)	Duration of test (hrs)		Yield (gpm)
Wp 21	1964	35	Drc	10	50	71.0	S	50-70	8	10-64	1.60	29	25	540p	L, CA, PT, T 52° 10'-64, 8-inch casing pulled, and well replaced by Wp 29.
Wp 21a	1964	35	--	2	--	47.67	W	--	--	5-65	1.30	--	--	--	Used as observation well during pump test of Wp 29.
Wp 22	1964	38	Drc	2	63	55.2	W	63-65	2	10-64	1.24	--	--	--	L, W, originally 8-inch diameter well, casing pulled.
Wp 27	1952c	60	Drc	6	75	150	OH	--	--	--	--	--	--	--	Filter used to remove iron from water.
Wp 28	1937c	60	Drc	6	77	77	0	--	6	-37	15	--	40	40	Dom, U
Wp 29	1965	40	Drc	24	35	58.6	CS	35-60	24	5-65	3.82	34	24	1520p	PS, U
Wp 30	1965	35	Drc	24	41	59.3	CS	41-61	24	5-65	2.56	--	--	1100p	PS, U
Wp 31	1956	80	Drc	6	30	77	OH	--	--	11-56	10	--	6	4	Dom, U
Wp 32	1957	80	Drc	6	25	368	OH	--	--	8-37	15	45r	8	40b	Dom, U
Wp 33	1956	75	Drc	6	53.5	107	OH	--	--	2-56	24	56r	5.5	12b	Dom, U
Wp 34	1961	55	Drc	6	64	148.3	OH	--	--	5-65	18.15	95r	20min	7.5b	Dom, U
Wp 35	1961	65	Drc	6	30	30	0	--	5	8-61	4	4.5	8	65	Dom, Un
Wp 36	1958	55	Drc	6	79	95	OH	--	--	7-58	15	52r	3	15b	Dom, U
Wp 37	1960	82	Drc	6	43	53	S	43-53	6	7-60	20	--	--	60p	PS, Un
Wp 38	1963	100	Drc	6	20	165	OH	--	--	9-63	25	--	--	7.5	Dom, U
Wp 39	1961	65	Drc	6	35.5	100	OH	--	--	10-61	4	86r	--	25b	Dom, U
Wp 40	1956	100	Drc	6	24	100	OH	--	--	--	--	--	--	20	Dom, U
Wp 41	1956	120	Drc	6	29	209	OH	--	--	5-56	30	--	--	3	Dom, U
Wp 42	1959	70	Drc	6	18	169	OH	--	--	7-59	18	49r	4	15b	Dom, U
Wp 43	1955	90	Drc	6	36	106	OH	--	--	9-55	7	93r	6	5b	Dom, U
Wp 44	1964	92	Drc	6	27	306	OH	--	--	2-64	7	293	--	2.75a	Dom, U
Wp 45	1963	42	Drc	6	89	98	OH	--	--	10-63	10	--	--	50	Dom, U
Wp 46	1965	60	Drc	6	67	120	OH	--	--	5-65	14	66r	1	20b	Dom, U
Wp 47	1965	55	Drc	6	72	97	OH	--	--	9-65	19	6	1	40	Dom, U
Wp 48	1965	65	Drc	6	76	115	OH	--	--	11-65	2	108r	1	20b	Dom, U
Wp 49	1966	72	Drc	6	65	184	OH	--	--	2-66	38	142r	30min	7.5b	Dom, U
Wp 50	1955c	30	Drc	2	37.3	--	W	--	--	10-64	1.62	--	--	--	Test, Un

Town of Westport--Continued

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

Well no.	Location	Owner	Year completed	Altitude of well (ft)	Diam-eter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Type of casing	Finish		Static water level		Yield test		Remarks	
									Depth (ft)	Diam-eter (in.)	Depth to bottom (ft)	Height above (+) or depth below (-) surface (ft)	Draw-down or recovery (ft)	Duration of test (hrs)		Yield (gpm)
Town of Milton																
Wn 3	411130N72600-1	John Fiedorok	189	189	6	165	20	OH	--	--	--	18	--	--	25b	Dom, U
Wn 4	411136N72558-1	Milton Center School	186	186	6	128	128	0	--	--	--	125	--	--	40b	Inst, U
Wn 5	411139N72559-1	Center Store	188	188	6	65	65	0	--	--	--	--	--	--	40b	Dom, U
Wn 6	411140N72557-1	Burringer Store	185	185	6	60	60	0	--	--	--	--	--	--	40b	Dom, U
Wn 8	411141N72652-1	Peter Spadone	1957	365	6	130	17	OH	--	--	7	9	81r	5	9b	Dom, U
Wn 9	4111312N72594-1	Pet Brady	1957	540	6	100	15	OH	--	--	28	8	60r	5	15b	Dom, U
Wn 12	410942N732509-1	Gateway, Inc.	1956	126	Dug	100	20-5	P	18-5-20-5	100	320	S C G	9-6	8-5	127p	Comp, Ab
Wn 14	411022N732619-1	Mrs. George F. Tyler	1956	365	6	125	87	OH	--	--	15	75	55r	5	12b	Dom, U
Wn 17	411035N732546-1	Lawrence Howins	1964	275	6	110	10	OH	--	--	8	10	102r	2	15b	Dom, U
Wn 18	411215N732400-1	Robert McKenroe	1964	365	6	172	56	OH	--	--	--	45	--	--	6a	Dom, U
Wn 19	411121N732548-1	Bridgport Hy-draulic Co.	1965	188	6	42-7	39-7	W	39-7-42-7	2	--	37	2-47	--	--	Test, Un
Wn 20	411117N732546-1	do	1965	170	6	73	66	0	--	--	--	66	--	--	--	Test, Des
Wn 21	411150N732605-1	do	1965	186	6	69	62	0	--	--	--	62	--	--	--	Test, Des
Wn 22	411225N732549-1	do	1965	205	6	49	42	0	--	--	--	42	--	--	--	Test, Des
Wn 23	411047N732435-1	Gaylord Corban	1965	200	6	155-9	14	OH	--	--	5	5	120r	2	4-5b	Dom, U
Wn 24	411248N732543-1	Bridgport Hy-draulic Co.	1965	215	6	48	28	S	28-48	8	80	S C G	14	24	230p	Test, Des
Wn 25	411250N732546-1	do	1965	215	6	59-1	56	W	56-59-1	1 1/2	--	58	--	--	--	Obs, U
Wn 26	410938N732517-1	Perkins-Eliar Co.	1961	120	6	302	24	OH	--	--	6	12	294	--	17-5a	Ind, U
Wn 27	410937N732520-1	do	1961	120	6	250	20	OH	--	--	--	10	250	--	12a	Ind, U
Wn 28	411123N732551-1	Escombria Chemical Co.	1957	173	6	45	35	S	35-45	8	60	0	6	8	275p	Ind, Un
Wn 29	411122N732556-1	do	1957	175	6	45	35	S	35-45	8	40	0	7	8	50p	Ind, U
Wn 30	411240N732551-1	Community Park Association	205	205	6	--	--	S7	--	--	--	44-3	--	--	--	PS, U
Wn 31	411537N732617-1	Albert Meozzi	1966	345	6	138	23	OH	--	--	20	23	--	--	6	Dom, Un
Wn 32	411102N732510-1	Edward Hardy	1964	155	6	126	112	OH	--	--	9	105	46r	2	40b	Dom, U
Wn 33	411101N732507-1	Alex Frank	1957	170	6	147	47	OH	--	--	16	46	104r	--	6b	Dom, U
Wn 34	411146N732519-1	Koyas-Shuntz	1962	183	6	168	66	OH	--	--	30	59	138r	--	4-5b	Dom, U
Wn 35	411177N732517-1	J. T. Somoza	1964	186	6	117	50	OH	--	--	15	40	--	--	2	Dom, U
Wn 36	411157N732513-1	Mr. Harry Firman	1965	194	6	148	50	OH	--	--	40	49	--	--	10	Dom, U
Wn 37	411345N732532-1	Wesler & Rosenborg	1962	251	6	152	40	OH	--	--	10	31	142r	--	20b	Dom, U
Wn 38	410952N732506-1	Fred Kuhnell	1965	145	6	173	53	OH	--	--	11	53	--	--	15	Dom, U
Wn 39	411020N732459-1	Alfred Petrocci	1965	147	6	85	32	OH	--	--	12	30	18	20	30	Dom, U

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

Well no.	Location	Year completed	Altitude (ft)	Type of well	Diameter of well (in.)	Depth of well (ft)	Depth of casing (ft)	Type	Depth (ft)	Diameter (in.)	Type of opening	Depth to rock (ft)	Static water level		Yield test		Remarks	
													Date of measurement	Height above (+) or below (-) land surface (ft)	Draw-down recovery (ft)	Pumping rate (gpm)		
Wn 40	411051N732457.1	1962	159	Drc	6	100	27	OH	--	--	R	18	10-62	18	67r	2	7b	Inst, Dom, Gravel: 0-18 ft; casing cemented 30 ft into rock.
Wn 41	411049N732443.1	1965	191	Drc	6	80	24	OH	--	--	R	16	6-65	10	15r	3	25b	Dom, U
Wn 42	41106N732512.1	1965	160	Drc	6	145	143	OH	--	--	R	138	4-65	12	8r	1	15b	Dom, U
Wn 43	411117N732528.1	1956	186	Drc	7	117	53	OH	--	--	R	48	5-56	26	64r	--	9b	Dom, U
Wn 44	411108N732524.1	1964	170	Drc	6	135	15	OH	--	--	R	10	12-64	23	77r	3	15b	Dom, U
Wn 45	411107N732534.1	1958	165	Drc	7	47	47	P	40-47	7	250	0	5-59	4	36r	8	12b	Dom, U
Wn 46	411058N732422.1	1964	245	Drc	6	95	30	OH	--	--	R	30	5-64	15	80	2	10a	Dom, U
Wn 47	411318N732551.1	1955	295	Drc	6	200	22	OH	--	--	R	0	9-55	40	60r	4	4b	Dom, U
Wn 48	411129N732629.1	1956	305	Drc	6	100	14	OH	--	--	R	8	8-56	10	78r	6	12.5b	Dom, U
Wn 49	411003N732430.1	1960	235	Drc	6	105	18	OH	--	--	R	10	6-60	25	50r	2	7b	Dom, U
Wn 50	411315N732835.1	1957	560	Drc	6	71	11	OH	--	--	R	0	10-57	15	35r	5	6b	Inst, U
Wn 51	411440N732723.1	1959	595	Drc	6	200	20	OH	--	--	R	12	10-59	Flows	200r	--	2b	Dom, U
Wn 52	411252N732556.1	1951c	222	Drc	6	100	100	0	--	--	G	--	-51c	8	--	--	--	Dom, Dom, U
Wn 53	411222N732554.1	1949c	208	Drc	12	62	36	OS	36-46	8	S & C	--	-49c	4	41	8	70p	Inst, U
Wn 54	411244N732556.1	1960c	208	Drc	6	155	130	OH	--	--	R	125	-60c	3	--	--	--	Dom, U
Wn 55	411346N732537.1	1966	262	Drc	6	40	40	0	--	--	G	--	--	--	--	4	100a	Inst, Un
Wn 56	41102N732514.1	1964	162	Drc	6	74.4	74.4	0	--	--	S & C	--	7-64	18	22	8	45	Dom, Un
Wn 57	411037N732411.1	1961	202	Drc	6	130	20	OH	--	--	R	11	10-61	14	116	--	8a	Dom, U
Wn 58	411415N732851.1	1964	554	Drc	6	85	55	OH	--	--	R	50	7-64	2	78r	2	6b	Dom, U
Wn 59	411047N732413.1	1966	190	Drc	6	135	35	OH	--	--	R	20	3-66	1	99r	1	15b	Inst, U
Wn 60	411068N732507.1	1959	134	Drc	8	41	36	S	36-41	8	S & C	40	7-59	12	23	24	175	Inst, U
Wn 61	410555N732719.1	1965	189	Drc	6	107	307	OH	--	--	R	25	2-65	3	--	--	25a	Dom, U
Wn 62	410558N732746.1	1950	180	Drc	6	157	30	OH	--	--	R	25	-50	5	--	--	9	Dom, U

Town of Milton--Continued

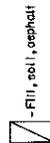
Figure 2.—Logs of selected test holes and wells

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 K. B. Byrd of logs of wells prepared by the Connecticut State Geologists and logs of test holes prepared by the Connecticut State Geologists and 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	2 - 8
Very fine gravel	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



-Till, 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



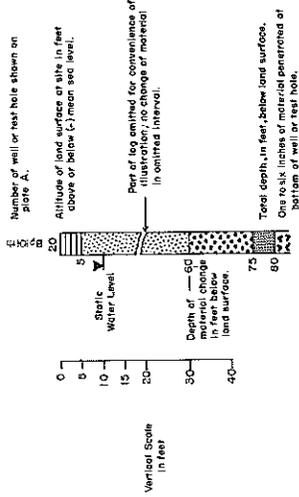
-Bedrock, undifferentiated.



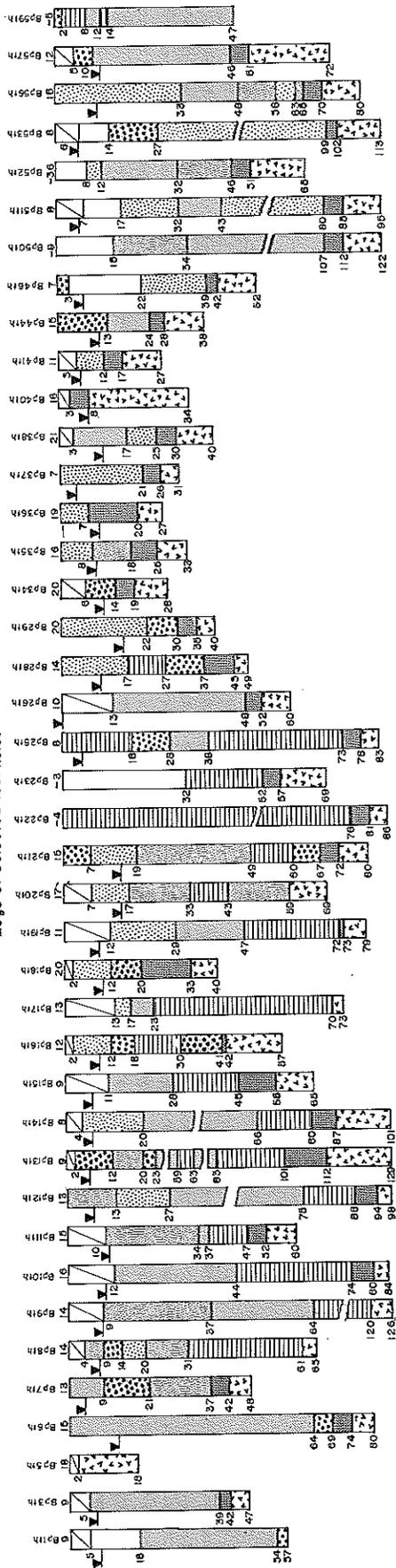
-Bedrock, marble; includes deeply weathered sections.



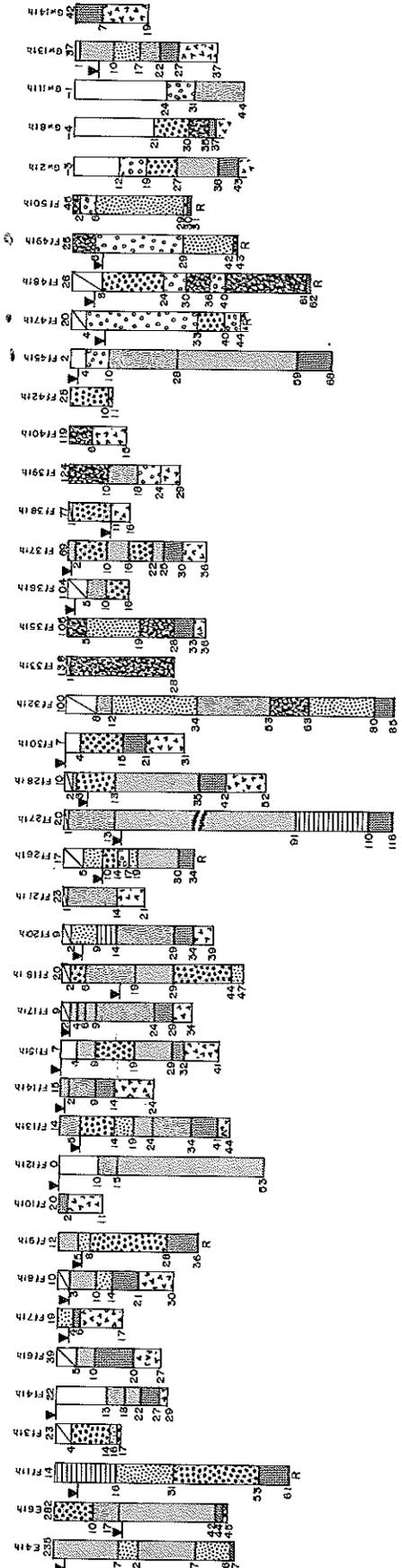
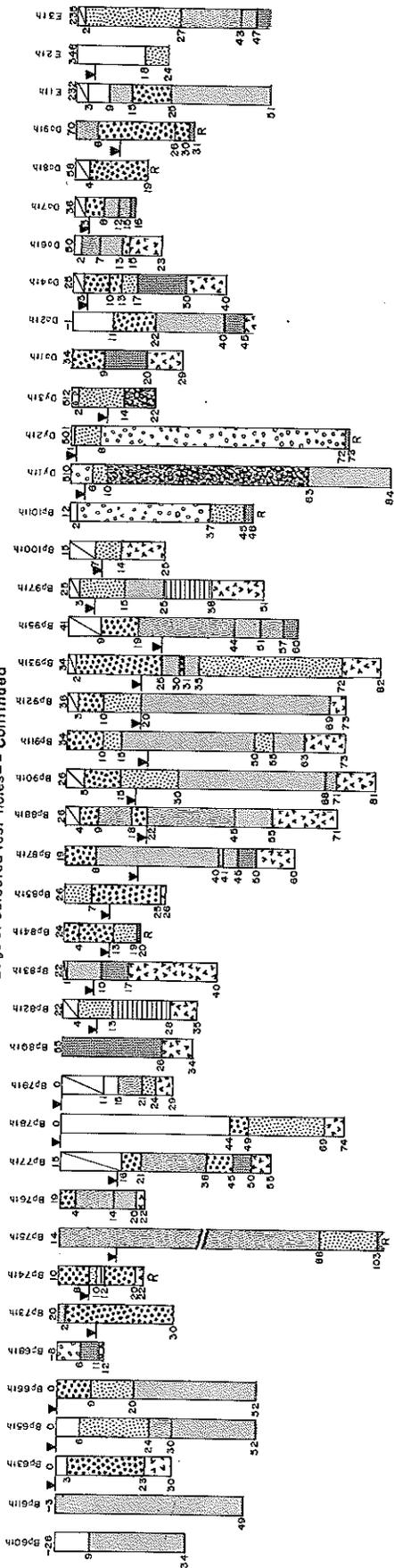
R - Refusal.



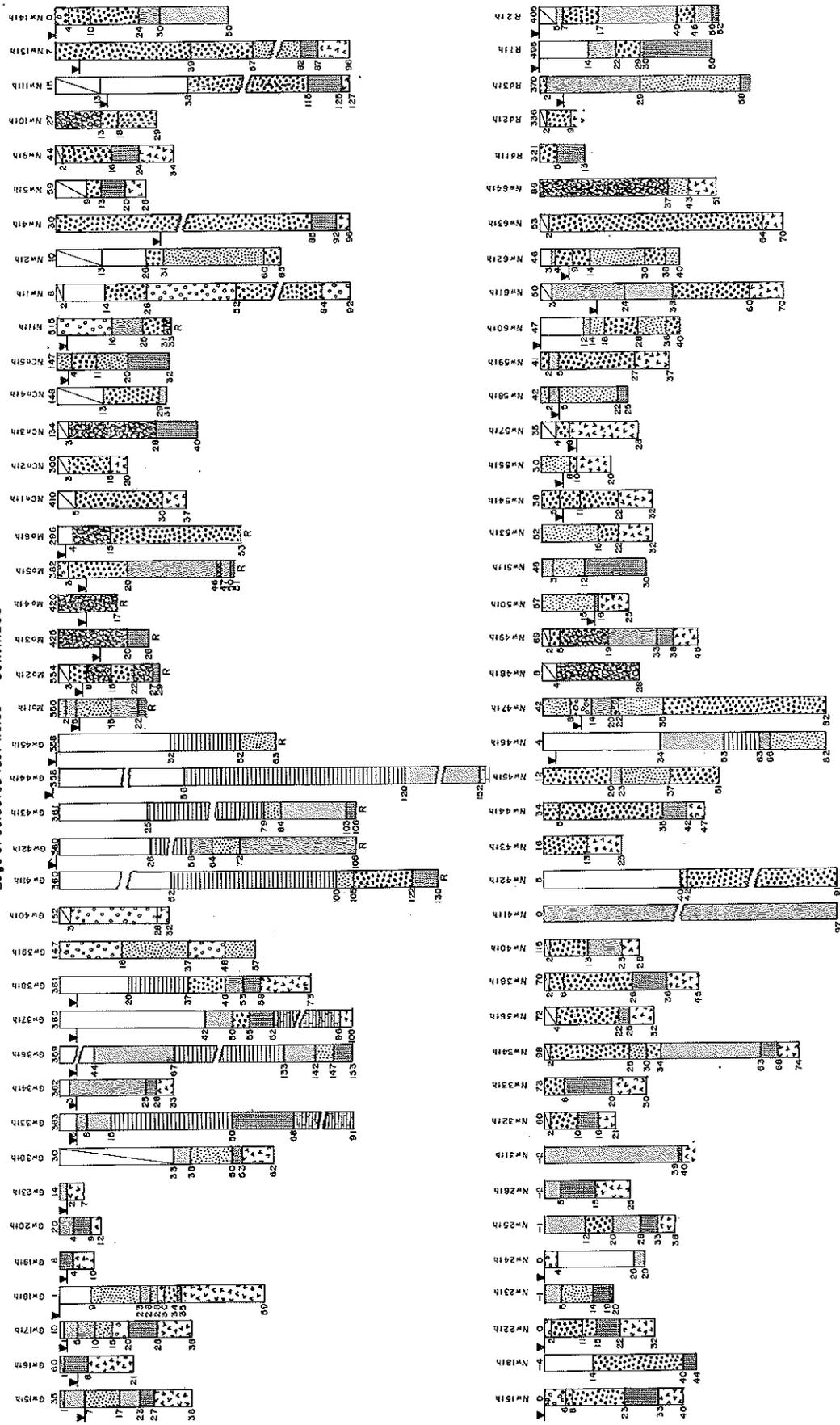
Logs of selected test holes



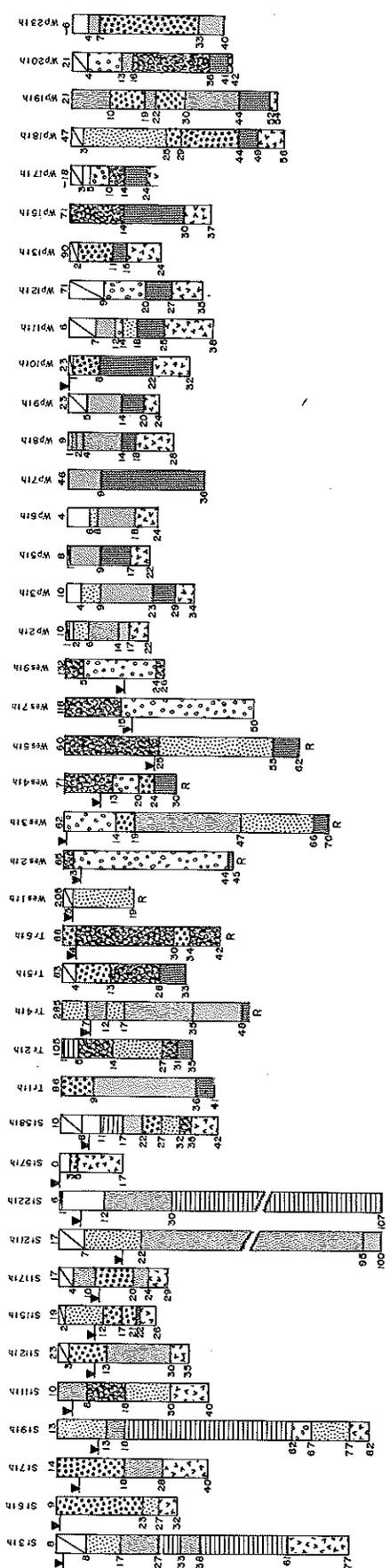
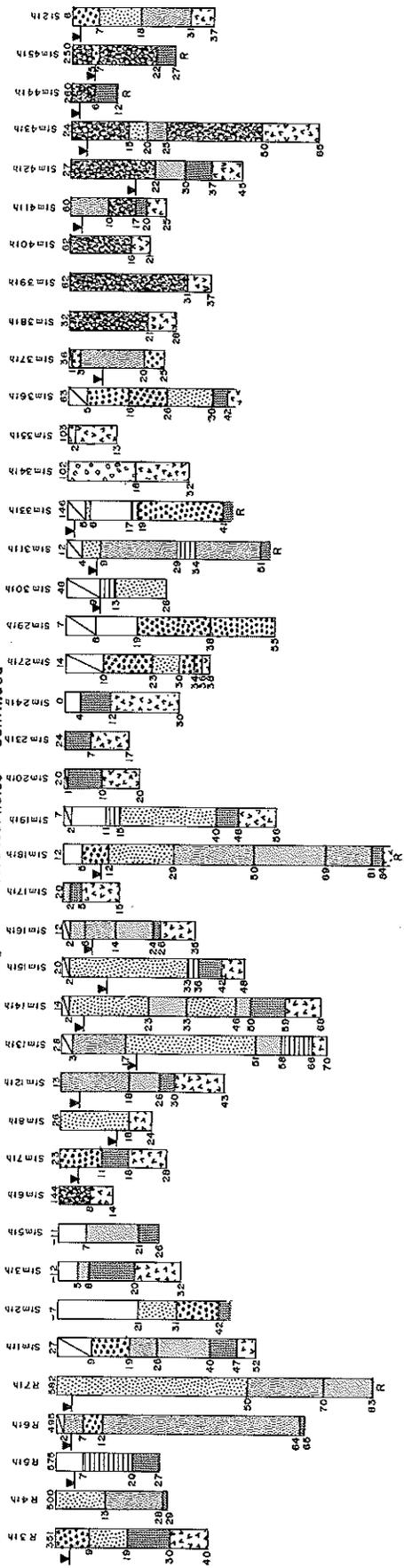
Logs of selected test holes -- Continued



Logs of selected test holes - Continued



Logs of selected test holes---Continued





Logs of selected wells - - Continued

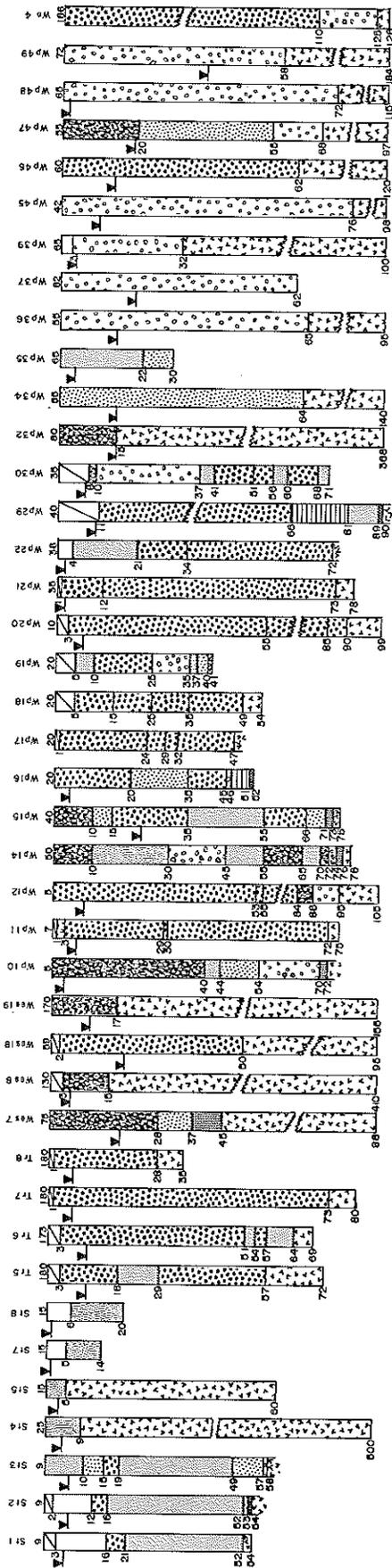
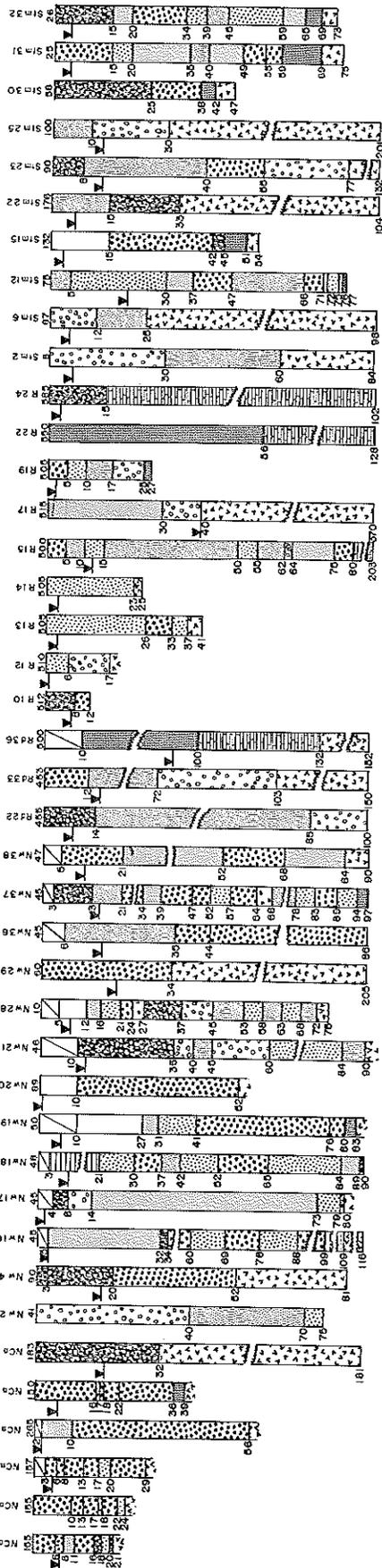




Table 2.--Laboratory analyses of samples of stratified drift

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.

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.

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

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

Well or test hole no.	Location	Depth interval sampled (ft below land surface)	Particle-size distribution (percent by weight)						Median grain size (mm)	Uniformity Coefficient (C <sub>u</sub> )	
			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)
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
Dø 8 th	410521N733057.1	18-19	10.9	4.4	7.2	8.3	9.4	10.9	48.9	1.90	72.0
Dø 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
g th	410943N731631.1	18-19.5	5.6	4.0	9.4	16.0	13.8	9.5	41.7	1.07	17.3
i 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. Laman 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)	Water level In well Ff 2 (ft)	Water level In well Ff 3 (ft)
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)	Water level In well Ff 2 (ft)	Water level In well Ff 3 (ft)
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, Dearing 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)	Water level In well Nw 37 (ft)
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)	Water level In well Nw 37 (ft)
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

Table 3.--Records of pumping tests of wells--Continued

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 Seraghty 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)	Water level in well R 15 (ft)
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
8,460	15.69
9,480	15.80
10,055	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

Table 3.--Records of pumping tests of wells--Continued

Town of Westport

Wp 21. Bridgeport Hydraulic Co., test well, Coleytown well field; drilled well penetrating sand and gravel. Test conducted by C. V. 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)	Water level in well Wp 50 (ft)
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)	Water level in well Wp 50 (ft)
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. V. 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)	Water level in well Wp 50 (ft)
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)	Water level in well Wp 50 (ft)
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.

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

<u>1965</u>				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	.56
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			18	1.59
Aug. 3	1.19	<u>1966</u>		Aug. 3	1.82
17	1.33	Jan. 3	.58	15	2.06
Sept. 1	1.55	18	.88	29	2.16
13	1.93	Feb. 14	+.05	Sept. 12	2.26
27	1.54	28	.88	26	1.18
Oct. 11	1.03	Mar. 14	.17		
		28	.41		

Stn 16. 410648N733300.2. Stamford Water Co. 1 1/4-inch diameter bored well in sand and gravel, 33 ft deep, screened from 30-33 ft.

<u>1965</u>		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	<u>1966</u>	
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		

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

<u>1965</u>		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	<u>1966</u>	
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)		
2063.5	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	1.1	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°23'44" 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	1.4	8-28-64	.70		
10-23-62	8.0			11- 1-63	1.8	7- 3-64	9.5	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	8-17-65	*.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	Constock 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	Fivenile 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 6.1--Chemical analyses of precipitation samples collected at four Weather Bureau Stations

Period of collection	Amount of precipitation (inches)	Parts per million										Dissolved solids (residue on ignition at 180°C)	Hardness as CaCO <sub>3</sub> Ca, mg	Specific conductance (micromhos at 25°C)	pH	
		Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Site 1P - Rain gage south of Round Pond 2.1 miles northwest of Ridgefield, Connecticut (U.S. Weather Bureau Index no. 7002)		Site 2P - Rain gage west of Sauguttuck Reservoir 2.6 miles northwest of Aspetuck, Connecticut (U.S. Weather Bureau Index no. 7157)					
3-19-65 to 3-31-65	0.80	5.4	0.4	12	1.0	11	17	1.5					90	6.8		
4-1-65 to 4-19-65	2.00	2.6	.1	1.3	.2	2	7.9	.0					14	5.1		
4-20-65 to 4-30-65	0.88	3.1	.1	2.2	.5	4	10	.0					16	6.2		
5-1-65 to 5-31-65	2.26	2.7	.1	2.7	1.2	12	8.9	.0					23	5.8		
6-1-65 to 6-30-65	1.46	3.8	.1	4.2	.7	14	18	.6					37	6.3		
7-1-65 to 7-31-65	1.85	2.9	.3	3.1	.6	2	14	1.4					25	5.3		
8-1-65 to 8-31-65	3.58	1.1	.2	3.7	1.0	2	9.6	.0					16	4.0		
9-1-65 to 9-30-65	2.96	.2	.8	1.9	3.8	43	12	2.0					40	6.7		
10-1-65 to 10-31-65	3.85	1.6	.1	1.3	.6	3	7.0	1.4					20	5.2		
11-1-65 to 11-30-65	1.93	1.6	.6	2.3	1.0	1	10	1.2					21	6.5		
12-1-65 to 1-5-66	2.49	1.2	.4	2.2	2.5	4	7.1	1.2					23	4.4		
Site 2P - Rain gage west of Sauguttuck 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					42	5.5		
4-1-65 to 4-30-65	3.22	1.4	.4	.4	.0	0	5.6	.0					12	4.2		
5-1-65 to 5-31-65	1.94	2.5	.2	3.0	.8	2	9.7	.0					22	4.9		
6-1-65 to 6-30-65	1.15	2.6	.1	3.2	.6	0	9.3	.1					33	5.0		
7-1-65 to 7-31-65	2.74	1.4	.2	1.3	.4	0	11	.7					14	4.5		
8-1-65 to 8-31-65	1.72	.8	1.0	6.6	7.9	0	15	3.0					74	4.0		
9-1-65 to 9-30-65	2.87	.5	.1	1.3	.2	0	7.5	.8					30	5.0		
10-1-65 to 10-31-65	3.34	.5	.1	1.5	.2	0	6.7	1.6					26	4.3		
11-1-65 to 11-30-65	1.85	1.8	.3	2.1	.4	0	11	1.6					21	4.7		
12-1-65 to 1-5-66	2.56	1.3	.2	2.7	.6	0	8.9	2.0					22	4.4		
Site 3P - Rain gage at Bridgeport Airport 0.7 mile north of Lordship, Connecticut (U.S. Weather Bureau Index no. 6866)																
3-18-65 to 3-31-65	.61	4.6	.6	8.0	.7	0	15	9.0					46	4.4		
4-1-65 to 4-19-65	2.04	3.1	.4	4.6	.4	1	11	3.9					32	4.7		
4-20-65 to 4-30-65	1.69	3.0	.0	2.3	.2	0	8.3	.7					14	4.4		
5-1-65 to 5-28-65	3.14	2.3	.4	1.8	.1	0	9.3	.0					16	4.3		
5-29-65 to 5-31-65	1.02	1.7	.0	1.2	.2	0	5.6	.0					12	4.3		
6-1-65 to 6-30-65	1.42	3.6	.2	3.6	.4	0	15	1.5					34	3.8		
7-1-65 to 7-31-65	3.99	.8	.2	1.7	.3	0	8.9	1.0					12	4.2		
8-1-65 to 8-31-65	1.81	1.0	.2	2.6	.2	0	8.2	3.3					28	4.2		
9-1-65 to 9-30-65	1.82	2.2	.7	9.3	.5	4	14	3.3					55	6.1		
10-1-65 to 10-31-65	1.72	1.0	.9	9.3	.4	0	8.1	1.6					44	4.4		
11-1-65 to 11-30-65	1.62	1.6	.4	4.6	.3	0	16	4.8					30	4.4		
12-1-65 to 1-6-66	1.99	2.4	.3	4.2	.3	0	12	6.8					35	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					57	7.1		
4-1-65 to 4-30-65	3.27	1.4	.1	1.1	.4	2	6.6	.1					13	4.9		
5-1-65 to 5-31-65	1.67	2.2	.4	4.3	1.1	6	11	.2					28	6.8		
6-1-65 to 6-30-65	1.46	1.9	.8	2.1	3.8	30	17	1.4					48	6.8		
7-1-65 to 7-31-65	2.28	.8	.3	1.5	4.2	28	12	1.4					28	6.5		
8-1-65 to 8-31-65	2.88	2.7	.7	4.0	.8	1	13	1.4					34	5.3		
9-1-65 to 9-30-65	3.53	.3	.7	2.8	3.8	0	14	3.4					32	4.8		
10-1-65 to 10-31-65	1.87	1.2	.4	1.8	2.1	0	9.0	2.8					17	5.2		
11-1-65 to 11-30-65	3.23	7.2	.7	2.3	1.6	108	20	4.2					96	7.1		
12-1-65 to 1-5-66		1.3	.2	1.6	.5	0	7.3	2.0					15	4.5		

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

Table 7---Chemical analysis of water from wells

Well no.	Date of collection	Parts per million															Specific conductance (microhms at 25°C)	pH	Water temperature (°F)
		U.S. Public Health Service drinking-water standards (recommended upper limit)	Silica (SiO <sub>2</sub> )	Iron (Fe)	Non-gon-esc (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Dissolved solids (residue on evaporation at 180°C)	Hardness as CaCO <sub>3</sub> Non-carbonate			
		0.3	0.05									1.3	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	--	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	--	168	7.4
Town of Easton																			
E 1	5-12-66	14	-03	-01	17	1.2	18	1.7	61	91	12	--	.0	115	48	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	--	144	7.6
E 26	5-12-66	21	-04	-01	51	7.0	6.5	5.0	126	23	1.0	--	2.3	209	156	20	--	343	8.0
E 28	5-12-66	11	-02	-01	24	1.4	14.5	5.6	80	24	6.0	--	.0	135	66	0	--	207	8.0
E 29	5-11-66	11	-17	-10	12	2.6	6.2	2.2	21	53	7.8	--	2.0	91	40	24	--	131	6.7
E 30	5-11-66	15	-12	-22	8.5	3.5	8.7	2.2	16	23	1.1	--	5.5	88	36	22	--	134	6.4
E 31	5-11-66	21	2.5	-23	19	5.5	5.7	3.2	45	22	1.2	--	.0	127	70	33	--	188	7.2
	5- 7-66	20	1.1	.66	33	5.0	6.8	2.9	123	13	6.6	--	.4	156	103	2	--	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	--	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	--	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	--	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	--	208	7.3
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
Gw 16	5-13-66	24	-21	-11	23	2.4	5.2	2.0	64	26	5.0	--	.0	120	58	15	--	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	--	191	7.7
Town of Monroe																			
Mo 24	5-13-66	4.4	1.1	.03	34	2.3	12	3.7	72	17	98	--	.0	171	94	36	--	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	--	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	--	182	6.9
Ncn 39	5-17-66	14	.03	.00	51	5.2	7.2	3.4	166	17	10	--	3.7	206	149	12	--	334	7.7
Ncn 39	5-17-66	21	.50	.28	31	4.5	10	2.4	102	30	5.1	--	.0	199	96	12	--	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	8-20-66	17	.34	.03	20	11	6.8	2.5	52	30	12	--	26	157	55	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	--	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	--	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	--	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	--	270	7.0
Town of Reeding																			
Rd 35 b/	5-24-66	8.4	.06	.02	53	18	14	2.6	220	20	24	--	3.1	266	206	26	--	459	7.8
Rd 37	5-13-66	19	.24	.11	22	5.3	6.7	1.8	91	16	4.4	--	.0	18	77	2	--	190	7.8
Rd 38	5-12-66	21	.11	.04	25	3.8	12	1.2	108	14	4.2	--	.1	129	78	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	--	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	--	155	7.4
Town of Biddeford																			
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
R 18 b/	12-21-65	12	.23	.00	19	9.8	4.2	4.9	108	11	3.2	.1	.0	104	88	0	--	158	7.7
R 18 b/	12-27-65	12	.17	.01	21	10	4.6	3.6	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	--	3.5	310	266	26	--	527	8.0
R 25	5- 4-66	16	.04	.02	45	15	9.3	1.6	175	18	24	--	.0	247	174	30	--	388	7.7

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

Well no.	Date of collection	U.S. Public Health Service drinking-water standards (recommended upper limit)	Parts per million													Specific conductance (micro-mhos at 25 C)	Water temperature (F)	
			Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Dissolved solids (residue on evaporation at 180°C)	Hardness as CaCO <sub>3</sub> (Calcium, magnesium)			Detergents as MBAS
U.S. Public Health Service drinking-water standards (recommended upper limit)			0.3	0.05	--	--	--	--	1.3	250	250	1.3	45	500	--	0.5	--	--
Wells tapping bedrock aquifers--Continued																		
Town of Stamford																		
Stm 2	5-18-66		2.8	.43	59	11	5.6	137	72	42	--	--	0	308	192	80	0	440
Stm 33	5-13-66		.18	.02	20	6.0	1.4	75	21	2.8	--	--	.6	113	74	13	0	174
Stm 34	5-17-66		.13	.03	10	8.9	2.4	77	12	4.4	--	--	.3	115	62	0	0	174
Stm 35	5-18-66		.47	.03	9.2	3.7	4.0	40	17	2.6	--	--	.4	38	98	6	0	112
Stm 36	5-18-66		.10	.03	40	9.8	5.9	48	33	7.8	--	--	40	351	140	101	.3	508
Stm 37	5-18-66		.03	.02	53	10	2.5	151	48	2.8	--	--	0	270	173	50	.2	425
Town of Trumbull																		
Tr 18	5-9-66		4.9	.45	7.1	3.9	1.7	17	17	21	--	--	.2	94	34	20	0	127
Tr 19	5-9-66		.12	.03	17	2.8	2.7	47	21	5.4	--	--	0	30	24	16	0	142
Tr 20	5-9-66		.04	.04	22	3.4	2.7	64	20	10	--	--	.1	117	28	16	0	186
Tr 21	5-12-66		.06	.37	14	3.3	3.3	6	25	21	--	--	26	136	48	44	.1	197
Town of Weston																		
Wes 4	5-5-66		.52	.23	19	3.8	1.9	72	13	4.4	--	--	.1	111	63	4	--	158
Wes 20	5-13-66		.15	.02	7.6	2.7	1.0	17	12	9.5	--	--	2.5	67	30	15	0	97
Wes 21	5-5-66		.20	.04	23	7.5	3.1	19	8.9	104	--	--	1.3	271	88	73	0	407
Town of Westport																		
Wp 33	5-11-66		.08	.04	19	3.2	2.6	42	30	8.4	--	--	0	110	60	26	0	161
Wp 38	5-5-66		.01	.01	34	1.7	1.1	96	22	9.4	--	--	.1	144	92	14	0	229
Town of Wilton																		
Wn 14	11-27-62		2.7	.47	11	9.0	4.1	80	15	3.3	--	--	.3	108	68	0	0	171
Wn 46	5-5-66		.26	.03	25	3.6	2.4	82	42	12	--	--	.2	132	78	26	0	178
Wn 47	5-11-66		.03	.02	37	3.5	1.1	62	42	9.6	--	--	.2	173	108	32	0	255
Wn 48	5-11-66		.06	.01	9.9	1.2	1.6	27	9.1	4.0	--	--	1.2	52	30	8	0	75
Wn 49	5-11-66		.18	.09	24	3.8	1.7	54	32	4.0	--	--	1.2	126	26	32	0	197
Wn 50	5-4-66		1.0	.19	22	2.5	4.2	24	22	140	--	--	2.7	324	78	58	0	589
Wn 51	5-4-66		.03	.04	26	6.7	2.5	102	24	13	--	--	0	157	92	9	.1	252
Wells tapping stratified-drift aquifers																		
Town of Easton																		
E 11	5-23-66		.07	.03	5.5	1.8	15	22	17	2.0	--	--	8.5	75	21	3	0	108
E 14	5-23-66		.19	.24	18	4.9	2.2	26	28	31	--	--	7	138	65	44	0	226
E 19	5-23-66		.08	.03	19	3.3	2.5	10	15	37	--	--	6.6	133	64	56	.1	198
Town of Fairfield																		
FF 18	6-6-66		.23	.03	14	4.1	2.4	22	22	12	--	--	4.5	108	52	34	--	142
FF 18	6-7-66		.84	.20	13	4.0	2.4	22	20	13	--	--	3.6	103	49	31	--	138
Town of Monroe																		
Mo 8	5-9-66		.01	.02	14	3.9	2.0	32	19	11	--	--	2.1	82	51	25	0	142
Mo 10	5-24-66		.14	.03	13	1.1	1.4	29	24	5.0	--	--	1.1	71	27	13	0	104
Mo 14	5-23-66		.20	.04	19	3.7	2.5	20	24	24	--	--	8.1	125	37	42	0	186
Mo 20	8-11-64		--	--	12	1.5	2.0	22	12	14	--	--	1.7	84	36	18	0	113
Mo 26	5-24-66		.01	.03	8.7	2.0	3.8	7.8	14	10	--	--	4.5	77	30	14	0	114



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 equalled or exceeded (recommended upper limit)	Parts per million													Specific conductance (microhmhos at 25°C)	pH	Color	Water temperature (°F)				
					Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Nitrite (NO <sub>2</sub> )					Dissolved solids (residue on evaporation at 180°C)	Hardness as CaCO <sub>3</sub> (Calcium + magnesium)	Non-carbonate	Borogens as BMS
U.S. Public Health Service drinking-water standards																									
					0.3	0.05					250	250	250	45	500		0.5	5							
2097.17	Browns Reservoir near Lewisboro	11-23-64	--	--	3.2	0.49	0.10	1.1	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	0.05	0.03	2.9	2.7	1.5	1.4	87	13	3.3	0.1	0.8	105	84	12	0	0.7	178	7.7	2	42
2112.9	Byram River near Armonk	9-11-64	--	--	--	--	--	30	9.0	7.1	--	112	16	11	--	4.6	154	112	20	--	256	7.7	--	66	
	do	9-24-65	--	--	7.2	0.07	--	9.5	3.5	2.1	--	16	22	4.1	--	0.6	57	38	25	--	d/40	6.8	18	35	
	do	3-1-66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/1,800	--	--	60	
2113	Byram River at Armonk	9-24-65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	d/400	--	--	66	
2113.1	Wampus River near Armonk	9-24-65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	66	
NEW YORK																									
2088.5	Poquonock River at Trumbull	4-26-62	30	22	5.1	0.25	0.00	8.6	1.6	6.0	1.3	16	13	9.8	0.2	2.1	69	28	15	--	103	6.3	14	58	
	do	3-1-64	1.0	99	--	--	--	20	3.9	1.4	--	52	13	27	--	2.2	126	66	24	--	214	7.6	--	76	
	do	3-9-65	0.87	95	4.8	0.32	--	7.3	1.4	1.7	--	6	17	12	--	1.8	62	24	19	--	d/200	6.0	17	55	
	do	3-1-66	143	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	98	6.0	17	--	
2088.7	Rooster River at Bridgeport	9-11-64	1.2	99	--	--	--	22	7.0	1.3	--	46	34	22	--	1.1	147	84	46	--	250	7.0	--	73	
	do	9-9-65	0.85	99	4.7	0.62	--	11	3.0	1.9	--	11	23	15	--	8.2	108	40	31	--	270	6.2	11	66	
	do	3-1-66	70	1	6.5	0.09	0.01	7.0	1.1	3.6	1.2	11	13	5.9	0.1	0.8	51	22	13	--	157	6.2	11	39	
2089.09	Easton Lake Reservoir near Easton	6-1-62	--	--	5.8	0.04	0.04	6.6	1.4	4.4	1.3	10	15	6.6	0.2	0.7	51	22	14	0	83	6.1	5	50	
2089.1	Mill River near Plattsville	8-11-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	55	
	do	9-11-64	0.04	99	--	--	--	8.2	2.1	1.7	--	21	13	8.8	--	0.5	54	29	12	--	96	7.0	--	69	
	do	9-10-63	0.02	99	7.0	0.82	--	10	2.7	1.8	--	5	30	11	--	2.9	83	36	32	--	d/100	6.1	9	67	
	do	3-1-66	143	19	5.8	0.19	--	8.4	1.7	1.7	--	5	22	10	--	1.9	70	28	24	--	108	6.1	9	39	
2089.18	Mill River at Stratford	9-11-64	0.56	98	--	--	--	13	3.3	1.1	--	20	19	24	--	0.2	92	46	30	--	161	7.0	4	77	
	do	9-10-65	0.3	99	5.5	1.1	--	7.9	1.8	1.8	--	7	19	12	--	1.9	70	27	22	--	d/185	6.0	8	74	
	do	3-1-66	80.3	1	4.0	0.06	0.01	6.4	1.6	3.6	1.0	16	13	5.5	0.1	0.4	47	27	14	--	114	6.0	8	38	
2089.19	Hemlock Reservoir near Plattsville	6-1-62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	78	6.9	6	57	
2089.5	Sasco Brook near Southport	9-11-64	0.04	99	--	--	--	17	4.2	1.9	--	46	22	13	--	2.9	102	60	22	--	174	7.3	--	72	
	do	9-16-65	0.02	99	7.0	0.82	--	10	2.7	1.8	--	5	30	11	--	2.9	83	36	32	--	d/190	58	11	64	
	do	3-1-66	143	1	5.8	0.19	--	8.4	1.7	1.7	--	5	22	10	--	1.9	70	28	24	--	108	6.1	9	35	
2089.9	Saugatuck River at Redding	9-11-64	0.6	99	--	--	--	20	6.3	1.4	--	74	13	6.4	--	0.7	102	76	16	--	174	7.3	--	70	
	do	9-17-65	0.85	99	6.1	0.19	--	9.6	2.2	1.4	--	20	18	5.6	--	0.7	63	33	16	--	d/165	6.7	16	60	
	do	3-1-66	210	2	3.7	0.03	0.02	11	2.6	3.3	0.9	32	14	5.2	0.2	0.5	60	38	11	--	85	6.7	16	33	
2089.99	Little River at Sanfordtown	9-11-64	0.15	92	--	--	--	10	3.2	1.5	--	33	13	6.5	--	0.9	70	38	11	--	109	7.2	--	70	
	do	9-17-63	0.08	95	4.9	0.38	--	6.8	1.7	1.5	--	8	17	7.0	--	1.0	45	24	18	--	d/115	6.1	11	36	
	do	3-1-66	70	1	3.7	0.03	0.02	11	2.6	3.3	0.9	32	14	5.2	0.2	0.5	60	38	12	0	83	6.1	11	34	
2090	Saugatuck Reservoir near Lyons Plain	8-11-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	104	7.1	3	--	
2090.1	Saugatuck River near Lyons Plain	9-11-64	15	--	--	--	--	10	3.4	1.6	--	31	14	6.0	--	0.4	57	39	14	--	102	7.3	--	72	
	do	3-1-66	40	--	6.2	0.13	--	6.0	1.4	1.7	--	4	19	8.4	--	0.4	38	21	18	--	67	5.9	12	33	
2090.5	Saugatuck River near Westport	10-27-64	--	--	--	--	--	4.9	0.2	1.1	--	34	14	6.0	--	0.1	64	50	22	--	104	7.4	--	51	
2090.8	Aspetuck River at Hopewell	9-11-64	0.3	87	--	--	--	12	4.4	1.5	--	42	14	6.8	--	1.2	74	48	14	--	134	7.2	--	86	
	do	9-16-65	0.26	89	5.0	0.21	--	6.0	1.0	1.0	--	4	17	2.7	--	1.1	41	19	16	--	d/130	5.7	18	66	
	do	3-1-66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	82	5.7	18	32	
2090.95	Aspetuck River near Easton	9-11-64	0.3	97	--	--	--	8.0	1.9	1.5	--	17	15	7.2	--	0.4	53	28	14	--	90	7.1	--	78	
	do	9-16-65	2.2	81	5.6	0.16	--	6.3	1.6	1.1	--	6	18	5.0	--	0.6	46	22	17	--	d/80	5.9	19	68	
	do	3-1-66	48	14	0.9	0.28	0.04	8.9	2.1	1.4	1.5	24	13	6.5	0.2	1.3	55	30	11	0	98	6.5	12	32	
2091	Aspetuck Reservoir near Easton	8-11-64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2091.1	Aspetuck River at Aspetuck	9-11-64	--	--	--	--	--	12	3.4	1.7	--	47	7.6	9.0	--	0.5	65	44	6	--	122	7.6	8	76	
	do	9-16-65	--	--	6.1	0.51	--	8.2	1.8	1.8	--	8	21	7.9	--	1.5	54	28	22	--	d/190	6.2	7	64	
	do	3-1-66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	95	6.2	7	33	

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 (recomm. upper limit)	Parts per million																
					Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sulfate (SO <sub>4</sub> )	Bicarbonate (HCO <sub>3</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Dissolved solids (residue on evaporation at 180°C)	Hardness as CaCO <sub>3</sub> (Calcium magnesium)	Detergents as MBAS	Turbidity as NTU	Specific conductance at 25°C (microhm-cm)	pH	Color
2091.5	Aspetuck River near Westport	10-27-64			0.3	0.05	12	5.8	0.7	9.6	1.9	3.4	14	9.0	0.9	66	54	26	118	7.6	49
2093	West Branch Saugatuck River at Weston	9-11-64	15	98	0.31	0.05	9.6	1.9	3.4	10	1.2	63	32	6	114	7.1	76	114	7.1	76	
	do	9-17-65	1.5	81	0.28	0.05	7.4	2.1	3.0	22	1.1	61	27	22	114	6.1	12	101	6.1	63	
	do	10-7-66	1.0	86	0.28	0.05	7.4	2.1	3.0	22	1.1	61	27	22	114	6.1	12	101	6.1	63	
2095	Saugatuck River near Westport	9-17-53	12		0.18	0.02	11	2.2	2.8	16	4.3	0.3	62	13	90	7.2	7	90	7.2	7	
	do	4-19-54	405		0.09	0.00	6.8	1.3	3.0	16	2.0	0	55	11	74	6.5	6	74	6.5	6	
	do	11-27-62	53		0.10	0.00	9.0	1.7	4.2	16	2.0	0	55	11	74	6.5	6	74	6.5	6	
	do	4-16-63	17		0.02	0.05	9.5	2.2	4.1	24	1.4	0.6	80	17	90	7.0	8	90	7.0	8	
	do	9-11-64	17		0.11	0.03	11	2.8	4.5	32	1.4	0.4	58	13	101	6.6	2	101	6.6	2	
	do	10-27-64	18		0.07	0.03	11	5.0	2.8	32	1.4	0.4	53	13	107	6.2	2	107	6.2	2	
	do	9-16-65	285		0.38	0.05	9.5	2.3	4.7	24	1.6	0.8	61	20	108	7.4	2	108	7.4	2	
	do	3-1-66			0.38	0.05	9.5	2.3	4.7	24	1.6	0.8	61	20	108	7.4	2	108	7.4	2	
2095.5	Ridgefield Brook near Ridgefield	9-11-64	0.02	99	0.06	0.05	60	16	10	4.2	230	19	20	1.2	268	215	26	448	7.7	72	
	do	9-20-65	22	97	0.21	0.05	25	8.6	10	68	35	19	2.5	158	98	42	258	7.0	33		
	do	3-1-66			0.77	0.05	25	10	6.4	94	16	17	9	137	104	27	229	7.6	83		
2095.68	Norwalk River at Georgetown	7-17-64			0.15	0.05	167	7.5	13	5.6	0	191	196	14	700	448	448	3.5	80		
2095.69	Norwalk River at Georgetown	7-17-64	5.5	72	0.98	0.05	61	12	16	12	98	70	5.0	317	200	190	475	6.1	79		
	do	9-11-64	9	96	0.32	0.05	61	16	16	4.9	0	280	61	2.8	438	175	175	2.8	76		
	do	9-20-65	1.6	91	1.2	0.05	14	3.9	17	28	23	14	1.3	98	51	28	154	6.7	35		
	do	3-1-66	200		1.16	0.05	20	5.8	12	62	19	18	2.9	124	74	23	215	7.0	72		
2096	Comstock Brook at North Wilton	9-11-64	0.001	99	0.38	0.05	6.9	1.9	4.1	10	16	6.0	1.1	55	25	17	76	6.9	34		
	do	9-20-65	0.08	91	0.38	0.05	6.9	1.9	4.1	10	16	6.0	1.1	55	25	17	76	6.9	34		
	do	3-1-66	9.0	21	0.38	0.05	6.9	1.9	4.1	10	16	6.0	1.1	55	25	17	76	6.9	34		
2097	Norwalk River at South Wilton	11-27-62	52	36	0.83	0.05	16	4.2	5.4	2.0	38	23	12	2	106	58	17	163	7.2	37	
	do	4-15-63	35	49	0.79	0.03	21	4.0	6.2	2.0	50	22	15	1	109	70	29	180	7.2	37	
	do	7-17-64	9.0	82	0.51	0.03	28	8.0	3/6.0	56	34	24	1.6	145	103	57	244	7.8	55		
	do	9-11-64	0.0	99	0.20	0.05	16	3.9	17.8	26	25	17	1.7	104	56	34	167	7.1	76		
	do	9-20-65	1.15	99	0.22	0.05	14	2.2	17.6	22	22	13	1.6	83	44	26	137	7.1	73		
	do	3-1-66	200	4	0.22	0.05	14	2.2	17.6	22	22	13	1.6	83	44	26	137	7.1	73		
2097.18	John D. Milne Lake Reservoir near New Canaan	11-23-64			0.25	0.14	9.1	2.4	3.9	7	25	14	7.4	1	57	32	12	97	6.7	37	
2097.19	Groves Reservoir near New Canaan	11-23-64			0.17	0.03	9.3	2.7	4.0	7	26	14	7.5	2	58	34	12	98	7.1	43	
2097.38	Rock Lake near Silvermine	11-24-64			0.53	0.11	8.7	2.7	4.7	1.0	14	18	12	2	63	32	21	105	6.9	41	
2097.39	South Norwalk Reservoir near Silvermine	11-24-64			0.14	0.08	8.2	2.5	4.3	1.4	15	17	9.0	2	62	30	18	104	6.4	38	
2097.4	Baldon Hill Brook near Silvermine	9-11-64	3		0.12	0.05	8.2	2.8	5.3	20	13	8.2	2.6	57	32	16	98	6.8	73		
	do	9-21-65	36		0.85	0.05	11	3.3	10	18	24	16	1.8	88	41	26	147	6.5	68		
	do	3-1-66	1.8		0.28	0.05	10	2.7	16.9	28	13	10	0.7	66	36	13	114	7.1	77		
2097.5	Silvermine River at Silvermine	9-11-64	1.0	95	0.97	0.05	10	3.2	16.9	10	26	12	1.4	74	38	30	124	6.3	67		
	do	9-21-65			0.06	0.02	7.6	1.9	4.4	7	12	16	6.9	2	51	27	17	88	6.5	72	
	do	3-1-66			0.41	0.12	11	3.2	9.5	2.1	20	24	11	2	97	41	24	156	6.6	60	
2097.6	New Canaan (Conoke) Reservoir near New Canaan	8-13-64			0.34	0.05	15	5.5	12.2	45	29	27	2.8	140	60	23	238	7.1	80		
2097.7	Fivemile River near Norwalk	4-26-62	18	23	0.67	0.05	14	3.6	14	12	27	26	6.6	112	50	40	193	6.4	74		
	do	9-11-64	45	99	0.83	0.05	14	3.6	14	12	27	26	6.6	112	50	40	193	6.4	74		
	do	9-21-65	82	1	0.83	0.05	14	3.6	14	12	27	26	6.6	112	50	40	193	6.4	74		
2097.8	Stony Brook at Dartan	9-22-65	0.001	99	0.25	0.05	9.1	2.4	3.9	7	25	14	7.4	1	57	32	12	97	6.7	37	



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 equalled or exceeded (percent)	Parts per million															Water temperature (°F)
					Silica (SiO <sub>2</sub> ) (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sulfate (SO <sub>4</sub> ) (Cl)	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Dissolved solids (residue on evaporation at 180°C)	Hardness as Calcium magnesium	Non-carbonate	Detergents as mg/L	Turbidity as NTU	Specific conductance (microhm/cm at 25°C)	pH	
2116	Byram River at Riversville	9-11-64 3-1-66	.10 134	99	6.1	-.69	22	8.5	4.1	24	13	-.8	130	90	20	232	7.6	68		
2117	East Branch Byram River at Pound Hill	9-11-64	.02	99	6.3	-.15	18	3.2	6.0	9.8	5.0	-.3	84	58	4	139	7.5	63		
2121	East Branch Byram River at Riversville	9-24-65 3-1-66 11-27-62	.10 62 15	92 1 27	6.3	1.1	9.6	2.7	6.2	15	21	-.6	56	35	23	d/175	6.6	65 34		
3748.60	Round Pond Reservoir near Ridgerfield	11-19-64	---	---	1.6	-.12	5.9	1.4	2.7	1.0	13	2.6	1.0	20	12	66	6.4	49		

Δ/ USPHS recommended control limits: lower = 0.8 ppm, optimum = 1.0 ppm.

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

∇/ Field determination.

∇/ Phosphate (PO<sub>4</sub>) .01 ppm; aluminum (Al) .1 ppm.

∇/ Phosphate (PO<sub>4</sub>) .0 ppm; aluminum (Al) .1 ppm; copper (Cu) .00 ppm; zinc (Zn) .03 ppm; lithium (Li) .2 ppm.

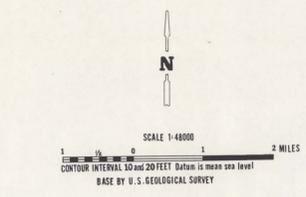
∇/ Phosphate (PO<sub>4</sub>) .0 ppm; aluminum (Al) .2 ppm; copper (Cu) .01 ppm; zinc (Zn) .00 ppm; lithium (Li) .0 ppm.

∇/ Phosphate (PO<sub>4</sub>) .00 ppm.

∇/ Estimated.

EXPLANATION

-  DRAINAGE DIVIDE
- POINTS OF PRECIPITATION OBSERVATION
  -  MEASUREMENT STATION  
Selected stations of the U.S. Weather Bureau. Index numbers are those used in U.S. Weather Bureau publications.
  -  QUALITY SITE  
Sites have been assigned an index number for use in this report.
- POINTS OF SURFACE-WATER OBSERVATION
  -  CONTINUOUS-RECORD STREAM-GAGING STATION
  -  PARTIAL-RECORD STREAM-GAGING STATION
  -  LAKE, POND, OR RESERVOIR GAGING STATION
  -  WATER-QUALITY SITE  
Site with one or more chemical analyses.
- POINTS OF GROUND-WATER OBSERVATION
  -  CONTINUOUS OR PERIODIC WATER-LEVEL MEASUREMENTS AVAILABLE
  -  CHEMICAL ANALYSES AVAILABLE
  -  GEOLOGIC LOG AVAILABLE
  -  WATER WELL
  -  TEST HOLE  
Logs are available for all test holes.



COLLECTION SITES FOR WATER RESOURCES DATA IN THE  
SOUTHWESTERN COASTAL RIVER BASINS