MAP SHOWING DISTRIBUTION OF THE WATER SUPPLY OF THE CITY OF BALTIMORE MD. AND VICINITY

1914

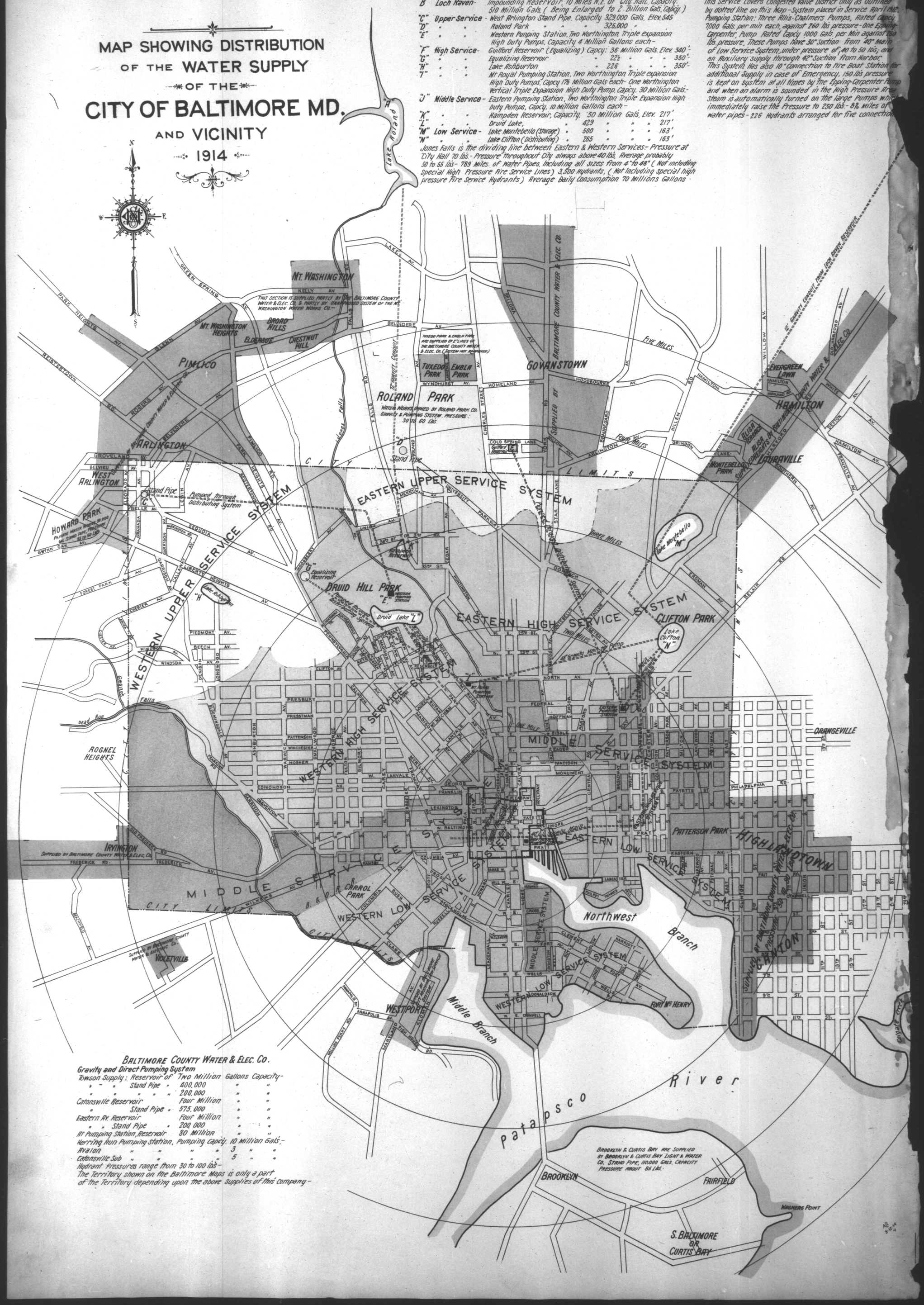
BALTIMORE CITY WATER FACILITIES

"A"	Lake Roland -	Impounding Reservoir. Capcy 400 Million Gals. Elev. 225'
"B"	Loch Raven -	Impounding Reservoir, 10 Miles N.E. of City Hall. Capacity: 510 Million Gals. (Being Enlarged to 2 Billion Gals. Capcy.)
"C"	Upper Service -	West Arlington Stand Pipe. Capacity 329,000 Gals. Elev. 545
"D"	" "	Roland Park " " " 326,000 "
"E"	" "	Western Pumping Station. Two Worthington Triple expansion High Duty Pumps, Capacity 4 Million Gallons each -
"F"	High Service -	Guilford Reservoir (Equalizing) Capcy: 36 Million Gals. Elev. 340'
"G"	" "	Equalizing Reservoir " 22½ " " " 350'
"H"	" "	Lake Ashburton " 22.6 " " " 350'
"I"	" "	Mt Royal Pumping Station, Two Worthington Triple expansion High Duty Pumps, Capcy 17½ Million Gals each - One Worthington Vertical Triple Expansion High Duty Pump, Capcy. 30 Million Gals:-
"J"	Middle Service -	Eastern Pumping Station, Two Worthington Triple Expansion High Duty Pumps, Capcy. 10 Million Gallons each -
"K"	" "	Hampden Reservoir, Capacity. 50 Million Gals. Elev. 217'
"L"	" "	Druid Lake, " 42.9 " " " 217'
"M"	Low Service -	Lake Montebello (Storage) " 50.0 " " " 163'
"N"	" "	Lake Clifton (Distributing) " 26.5 " " " 163'

Jones Falls is the dividing line between Eastern & Western Services - Pressure at City Hall 70 lbs - Pressure throughout City always above 40 lbs. Average probably 50 to 55 lbs - 789 Miles. of Water Pipes, Including all sizes from 4" to 48" (Not including Special High Pressure Fire Service Lines) 3,500 Hydrants, (Not including special high pressure Fire Service Hydrants) Average Daily Consumption 70 Millions Gallons

SPECIAL HIGH PRESSURE FIRE SERVICE

This Service covers Congested Value District Only as Outlined by dotted line on this Map - System placed in Service April 1912. Pumping Station: Three Allis-Chalmers Pumps, Rated Capcy 7,000 Gals. per min each, against 260 lbs pressure - One Epping-Carpenter, Pump Rated Capcy 1000 Gals. per Min against 260 lbs. pressure, These Pumps have 30" suction from 40" Main of Low Service System, under pressure of 40 to 50 lbs; and an Auxiliary supply through 42" Suction from Harbor. This System has also 10" Connection to Fire Boat Station for additional Supply in case of Emergency. 150 lbs pressure is kept on system at all times by the Epping-Carpenter Pump and when an alarm is sounded in the High Pressure Area Steam is automatically turned on the large Pumps which immediately raise the Pressure to 250 lbs. - 8⅝ Miles of water pipes - 226 Hydrants arranged for five connections



BALTIMORE COUNTY WATER & ELEC. CO.

Gravity and Direct Pumping System

Towson Supply:	Reservoir of	Two Million	Gallons Capacity -
" "	Stand Pipe "	400,000	" "
" "	" " "	200,000	" "
Catonsville Reservoir		Four Million	" "
"	Stand Pipe "	575,000	" "
Eastern Av. Reservoir		Four Million	" "
" "	Stand Pipe "	200,000	" "
Mt Pumping Station, Reservoir		80 Million	" "
Herring Run Pumping station,	Pumping Capcy.	10 Million Gals. -	
Avalon "	" " "	3 "	"
Catonsville Sub "	" " "	5 "	"

Hydrant Pressures range from 30 to 100 lbs -

The Territory shown on the Baltimore Maps is only a part of the Territory depending upon the above supplies of this company -

THE LIBRARY OF CONGRESS
PHOTODUPLICATION SERVICE
10 FIRST STREET SE.
WASHINGTON, D.C. 20540