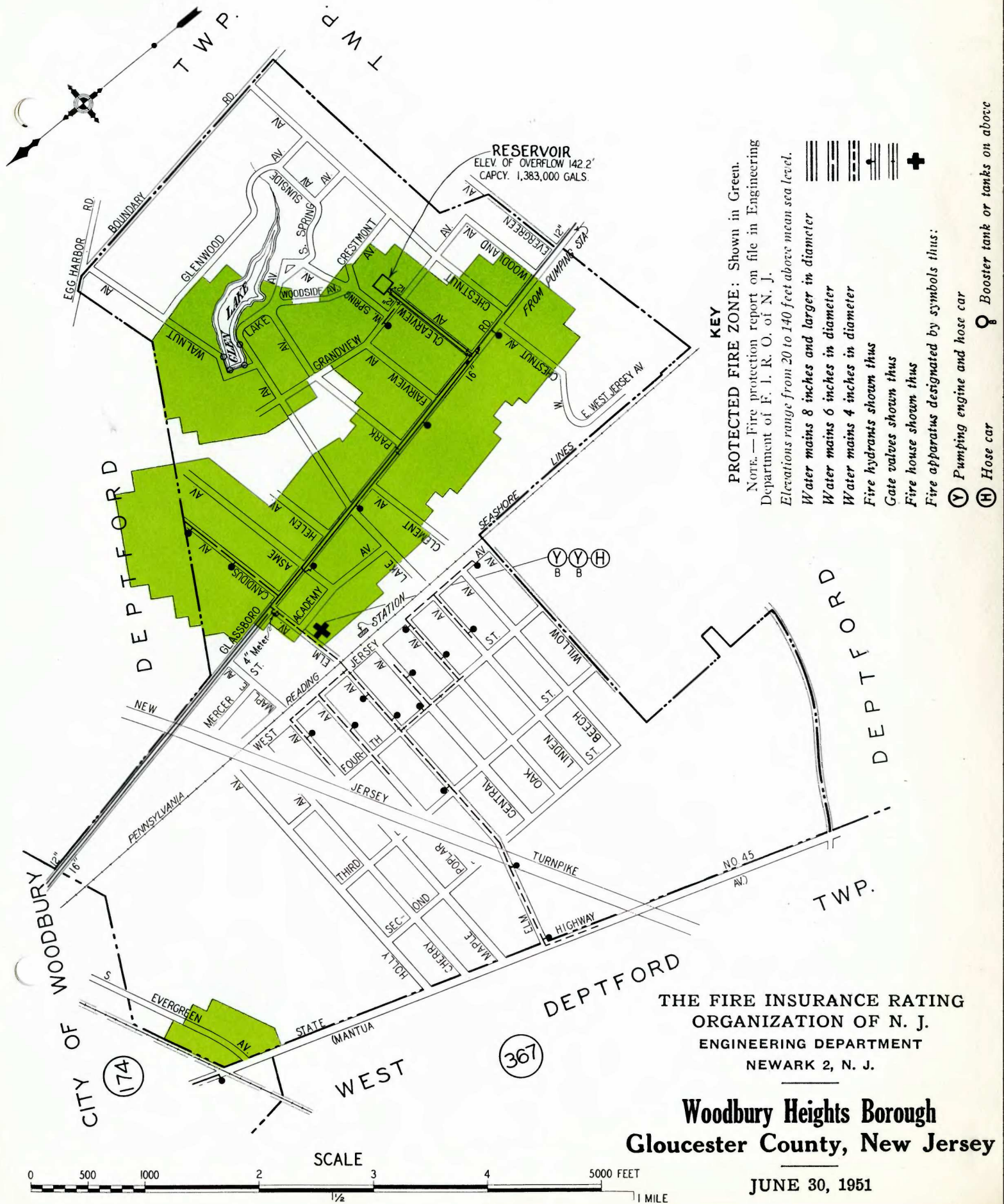


Superseding Map No. 175 of September 30, 1940. Please destroy old issue.



THE FIRE INSURANCE RATING
ORGANIZATION OF N. J.
ENGINEERING DEPARTMENT
NEWARK 2, N. J.

Woodbury Heights Borough
Gloucester County, New Jersey

JUNE 30, 1951

WOODBURY HEIGHTS BOROUGH, GLOUCESTER COUNTY, NEW JERSEY.

Population—Census of 1930 was 997.

IN GENERAL: Located on the W. J. & S. S. R. R. adjoining the southerly limits of Woodbury about 10 miles southwest of Camden. It is a commuters' residential section with one small toy factory employing about 7. Area about 1.1 square miles. Elevations range from 20 to 140 feet. Main thoroughfares and principal streets are macadam in good condition. Secondary streets are gravel in fair to poor condition. One railroad crossing at grade could seriously delay the response of fire apparatus to the westerly section of the borough.

WATER SUPPLY: The Woodbury Heights Water Company owns and operates the distribution system and appurtenances supplying water for domestic and fire protection purposes to a residential district to the west of the railroad. Fire protection in other sections is available from one municipally owned hydrant and from Glen Lake in the easterly section of the borough. The Woodbury Heights Water Company system is supplied at wholesale through a 4-inch feeder from the City of Woodbury 12-inch supply main in Glassboro Road. For a description of the supply works, supply mains and appurtenances see report on the City of Woodbury with Map No. 174. **Woodbury Heights Water Company:** Organization is limited to company officers and a part time local plumber who makes repairs and performs all duties. System was installed in 1902 and is considered to be of negligible value from a fire protection standpoint. **Consumption:** The average daily consumption on the Woodbury system during the twelve month period ending October 30, 1939 was 0.638 m.g.d. The maximum daily consumption during the same period was 0.921 m.g.d. Approximately 0.40 million gallons per month is sold at wholesale to Woodbury Heights. At time of inspection there were approximately 2,700 services on the Woodbury system in addition to which there were approximately 65 services in Woodbury Heights. **Pipe:** All cast iron, tar coated, bell and spigot joint, A.W.W.A. Class "A" laid with 3½-foot cover. No serious trouble reported from frozen mains or electrolysis. Total length 7,650 feet; 100% 4-inch. **Gate Valves:** There are 9 valves on the distribution system of R. D. Wood make set with iron boxes at grade. Direction of operation is believed to be uniform. Inspection is limited to that necessitated by system maintenance. **Hydrants:** There are 11 hydrants on the Woodbury Heights Water Company system and one municipally owned hydrant of R. D. Wood make. All are of standard type and have two 2½-inch outlets and 4-inch ungated branches. No regular inspection except that hydrants are said to be flushed twice annually. At time of inspection they were found to be in fair to good condition. **Pressures:** No gauge on system. Readings taken at one hydrant showed a static pressure of 36 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on May 14, 1940 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow and pressure during flow were as follows:

Elm Ave. near West Ave., 120—36—3.

One municipally owned hydrant installed on the 12-inch supply main at Asam Avenue and Woodbury Road shows the following results:

1,300—45—*.

* No reading taken.

FIRE DEPARTMENT: Volunteer organization of one company under the control of the borough which owns apparatus and equipment and appropriated \$300 for the support of the department during 1940. Total active membership 15 including a chief, 2 assistant chiefs and one foreman of whom a minimum of 6 members are available at all times. Chief officers are elected annually by the company subject to the confirmation of the mayor and council. **Company—Woodbury Heights Improvement and Protective Fire Association:** Located on Elm Avenue east of railroad as shown on map. Building is a 2-story cement block structure with concrete apparatus floor, composition covered wood roof, telephone, electric lights, steam heat with oil fired boiler, and siren on roof. **Equipment:** One 1940 Peter Pirsch Diamond T 500-g.p.m. triple combination pumping engine carrying one 250-gallon booster tank, 200 feet of ¾-inch booster hose, 200 feet of 1½-inch hose, 800 feet of 2½-inch hose, 2 short ladders, and some minor equipment. **Hose:** All 2½-inch hose is C.R.L. with Jones snap couplings. The total supply of serviceable 2½-inch hose is 1,000 feet, none of which is more than five years old. No adequate drying facilities provided. Hose is repacked in part and tested at normal pump operating pressures at drills. **Operations:** Department is governed by borough ordinance and company by-laws. Motor is started weekly and four members are designated as drivers and operators. **Drills and Training:** Company drills are held twice monthly under the direction of chief officers. They consist of pump operation, hose and ladder work. Some members have attended a county drill school and a local fire school is conducted occasionally. **Fire Methods:** Booster streams and hand extinguishers are used on incipient fires supported by hydrant or engine streams with shut-off nozzles. Two salvage covers are provided, but no gas masks or heavy stream appliances are installed. **Response to Alarms:** Company responds to all local alarms and aid may be secured from the surrounding volunteer fire departments and from the part-paid department at Woodbury. **Building Inspection:** No regular inspection by the fire department. **Records and Reports:** Records consist primarily of fire reports including location of alarms and attendance. **Fire Alarms:** Telephoned through the Woodbury Exchange to members' homes near fire station and sounded on siren by means of push button.

POLICE DEPARTMENT: Consists of one uniformed chief officer who is provided with a motorcycle.

BUILDING LAWS: Code adopted October 11, 1920 provides for the appointment of a building inspector and requires the filing of plans and the securing of permits for building operations. Code contains some good features, but is not sufficiently comprehensive from a fire protection standpoint. Combustible roofs are not prohibited and no fire limits are established.

EXPLOSIVES AND FLAMMABLES: No municipal regulations. State laws adequately cover the storage and shipment of explosives and the construction of motion picture booths. They also restrict the discharge of fireworks to responsible bonded parties.