



KEY
PROTECTED FIRE ZONE: Shown in Green.
NOTE.—For description of fire protection, etc., see other side.
Elevations range from 160 to 980 feet above mean sea level.
Water mains 8 inches and larger in diameter
Water mains 6 inches in diameter
Water mains 4 inches in diameter
Fire hydrants shown thus

Gate valves shown thus
Fire house shown thus
Fire apparatus designated by symbols thus:
Pumping engine and hose car
Ambulance, Squad or Auxiliary car
Booster tank or tanks on above

THE FIRE INSURANCE RATING
ORGANIZATION OF N. J.
ENGINEERING DEPARTMENT
NEWARK 2, N. J.
Lopatcong Township
Warren County, New Jersey
JUNE 30, 1950

January 31, 1938.

LOPATCONG TOWNSHIP, WARREN COUNTY, NEW JERSEY.

Population—Census of 1930 was 1,269.

IN GENERAL: Located north of Phillipsburg. Mainly a residential community. Area of built-up section about 1 square mile. Elevations range from 210 to 374 ft. Main roads concrete, others macadam in fair to poor condition. Transportation to neighboring communities is afforded by bus lines.

WATER SUPPLY: Water for domestic and fire protection purposes is furnished by the People's Water Company. See report with Map No. 300. Lopatcong is supplied by a 16-in. transmission main from the pumping station to Phillipsburg. **Consumption:** The average and maximum daily consumption in the entire territory served (4,614 consumers) during 1936 was 1.21 and 4.02 m.g.d. There were 109 services in Lopatcong on December 31, 1935. **Distribution System:** In one service; see map. **Pipe:** Cast iron, tar coated, bell and spigot joint, laid with 4½-ft. cover. No trouble from frozen mains or electrolysis. Total length exclusive of transmission mains, 2,500 ft.; 72% 6-in., 28% 8-in. **Gate Valves:** 6 of Ludlow manufacture set with iron boxes to grade. No regular valve inspection. Fire department notified when valves affecting hydrant supply are operated. **Hydrants:** 7 of Ludlow manufacture. A few have two 2½-in. and one 4½-in. outlets; balance have two 2½-in. outlets. All have 4½-in. barrels and 4-in. gated branches. Hydrants are inspected monthly. At time of inspection hydrants were found to be in poor condition. **Pressures:** Reading taken at one hydrant showed a pressure of 46 pounds. Gauge in pumping station showed a pressure of 118 pounds. **Fire Flow Test:** Probable supply available for fire protection purposes was measured on November 17, 1937, by means of Pitot tube. Location of hydrant, discharge in gals. per minute, pressure before flow and pressure during flow were as follows:

First St. and Prospect St., 540—46—43.

FIRE DEPARTMENT: A volunteer organization under full control of township, which appro-

priated \$1,150 for support of department in 1937. House owned by company; equipment and apparatus by township. Chief, assistant chief, foreman and assistant foreman are elected annually by company, subject to approval of Township Committee. **Company—Delaware Park Chemical Engine Company:** Located on Park Ave., near First St. Building is a one-story concrete block structure with a slate roof, wood floor, hot air heat and electric lights. **Apparatus:** A 1927 500-g.p.m. American LaFrance engine carrying a 75-gal. booster tank, 250 ft. of booster hose, 1,200 ft. of 2½-in. hose, two short ladders and meagre minor equipment. **Hose:** All 2½-in. hose is C.R.L. with National Standard screw couplings. There is no reserve hose. It is tested at 120 pounds monthly and dried on apparatus floor. **Operations:** Governed by township ordinance. Chief has control of apparatus at all times and of men at fires and drills. He has no power to suspend men, but may prefer charges to company. Motors turned over twice weekly. Five men appointed as drivers. **Drills and Training:** Drills held monthly in good weather; consist of pump operation and hose laying. **Response to Alarms:** Entire department responds to all alarms. Outside aid may be secured from Phillipsburg. **Fire Methods:** Booster streams are used on incipient fires reinforced with engine and hydrant streams with shut-off nozzles. **Building Inspection:** None. **Reports and Records:** Records kept of all fires and annual report submitted to township. **Fire Alarms:** Alarms are telephoned to Freihofer's Baking Company where there is always someone working and are sounded from there on tower bell in rear of fire house.

POLICE DEPARTMENT: There are two part-paid specials.

BUILDING LAWS: None.

EXPLOSIVES AND FLAMMABLES: State law restricts use of fireworks to only responsible bonded parties.