



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

Fair Haven Borough Monmouth County, New Jersey

FEBRUARY 28, 1948

KEY

PROTECTED FIRE ZONE: Shown in Green.

NOTE.—For description of fire protection, etc., see other side.

Elevations range from 0 to 20 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:

Ⓢ Automobile combination pumper and hose car

ⓐ Ambulance, Squad or Auxiliary car

ⓑ Booster tank or tanks on above

Ⓛ Ladder truck



FAIR HAVEN BOROUGH, MONMOUTH COUNTY, NEW JERSEY.**Population — 1940 Census — 2,491.**

IN GENERAL: Located on the south bank of the North Shrewsbury River between Rumson and Red Bank. Mainly a residential community. No railroads. Transportation afforded by bus lines to surrounding towns. Area about 1.7 square miles. Elevations range from 0 to 100 feet above mean sea level. Main thoroughfares concrete, others macadam and gravel in fair to good condition.

WATER SUPPLY: Water for domestic and fire protection purposes is furnished by the Monmouth Consolidated Water Company, a subsidiary of the American Water Works Company, Inc., which owns supply works and distribution system and supplies water to 20 other municipalities in this area. For information on supply works and distribution system, see report with map No. 78. **Distribution System:** In one service. Supply is through an 18-inch artery from the 36-inch supply main from Newman Springs Pumping Station. **Consumption:** The average and maximum daily consumption in the entire territory served (about 21,979 services) during 1946 was 8.04 and 17.28 million gallons. On December 31, 1946 there were 764 services in the borough, all of which were metered. **Pipe:** Mainly cast iron and cast iron cement lined, laid with 3½-foot cover. Some recent extensions are of Transite. Total length, exclusive of 18-inch main, 39,000 feet; 86.3% 6-inch and 13.7% 4-inch. **Gate Valves:** There are 43 of Ludlow and Rensselaer makes. All open to right. Set in iron boxes at grade. Occasional inspections are made of important valves. No trouble from frozen mains or electrolysis. Fire department notified when valves affecting hydrant supply are operated. **Hydrants:** There are 81 of Ludlow, Smith, Corey, and Iowa makes. All have two 2½-inch outlets and one 4½-inch outlet. All but 4 have 6-inch barrels; they have 4-inch barrels. Small outlets are National Standard, but large outlets are 5⅞ inches outside diameter with 7 threads per inch. Practically all are gated. Inspected semi-annually. Hydrants operated during inspection were found to be in good condition. **Pressures:** Readings taken at 2 hydrants well distributed showed pressures ranging from 85 to 90 pounds with an average of 87.5 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on November 12, 1947 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow, and pressure during flow were as follows:

DeNormandie Ave. and River Rd., 770—90—75.
Parker Ave. E. of Smith St., 410—85—8.

FIRE DEPARTMENT: A volunteer department under the control of the borough. Borough owns house, apparatus, and equipment. Chief and first and second assistant chiefs are elected annually by company and approved by council. Borough appropriated \$1,800 for the support of the company in 1947. Total membership 86, of whom about 12 are available during the day and 30 during the night. **Companies—Fair Haven Volunteer Fire Company No. 1:** Located on Fair Haven Road near River Road. Building is a 2-story frame structure with composition shingle roof, concrete apparatus floor, electric lights, register, hot water heat, and telephone. **Equipment:** One 1936 American La France

750-g.p.m. triple combination pumping engine with a 100-gallon booster tank, 1,500 feet of 2½-inch hose, 150 feet of booster hose, 2 short ladders, and fair minor equipment. One La France-Brockway city service ladder truck carrying five ladders from 12 to 45 feet, totaling 107 feet, 2 gas masks, 2 salvage covers, and fair minor equipment. A 1939 Sealand-G.M.C. 125-g.p.m. booster truck carrying a 125-gallon booster tank, 150 feet of booster hose, 300 feet of 1½-inch hose, 50 feet of 2½-inch hose, 1 electric generator, 3 flood lights, 5 gas masks, and fair minor equipment. One Meteor ambulance with an inhalator, gas masks, stretcher, and all first aid equipment. **Hose:** All 2½-inch hose is C.R.L. with National Standard screw couplings; 1,200 feet is over 5 years old. Hose is shifted twice a year, wet only at fires and drills, and tested semi-annually at 250 pounds. No hose drying facilities. No reserve hose. **Operations:** Company governed by constitution and by-laws. Chief has full control of apparatus at all times and of men at fires and drills. Motors turned over daily. There are 30 drivers. **Drills and Training:** Drills held monthly consist of hose laying, ladder raising, pump operation, and use of equipment. **Fire Methods:** Booster lines used on incipient fires reinforced by engine and hydrant lines with shut-off nozzles. Two salvage covers are provided but there are no heavy stream appliances. **Response to Alarms:** All apparatus responds to alarms. Outside aid may be secured from Red Bank and Rumson under the Monmouth County cover-up system. **Building Inspection:** No inspections are made. **Records and Reports:** Records kept of location of all fires, estimated damage, and equipment used. Report to council is made monthly. **Fire Alarm System:** A Gamewell system under supervision of the fire department and maintained by a part-time local electrician. It is a one-circuit system carrying all boxes, a register and a diaphone. The diaphone is located on a 65-foot steel tower at rear of fire house. There is about four miles of overhead wire on utility company poles. Overhead wire is No. 10 hard-drawn copper with triple braided weatherproof insulation. All inside wiring is in steel conduits. There are 9 boxes of Gamewell make, 8 non-interfering and one succession, mounted on poles with red bands and indicating lights. Equipment, located in a one-story cement block building in rear of fire house, consists of a wooden charging board, one Gamewell rectifier with 15 cells of storage battery on glass plates on wooden shelf floating, and an 8 cubic foot per minute compressor. No circuit protection. Circuits tested daily, boxes monthly. No records of tests. Alarms are telephoned to service station near fire house and to home of one of the firemen next to fire house during the night.

POLICE DEPARTMENT: Chairman of Police and 3 patrolmen with 1-way radio car provided.

BUILDING LAWS: None.

FIRE PREVENTION LAWS: No municipal regulations. State laws adequately cover the storage and shipment of explosives, the transportation of flammables, and the construction of motion picture booths. They also restrict the discharge of fireworks to responsible bonded parties.