



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

**Rumson 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 10 to 111 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  
Ⓜ Hose car  
Ⓢ Booster tank or tanks on above  
Ⓛ Ladders on above



February 28, 1948.

## RUMSON BOROUGH, MONMOUTH COUNTY, NEW JERSEY.

(Including Oceanic and East Oceanic.)

Population — 1940 Census — 2,926. Summer Population Estimated About 4,600.

**IN GENERAL:** Located between the mouths of the South Shrewsbury and North Shrewsbury Rivers. District is largely residential with many large estates. Transportation is afforded by bus lines to neighboring communities. Area about 4.75 square miles. Elevations range from sea level to 111 feet. Main thoroughfares are concrete or macadam; other roads 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 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 with 2 check valves helping to maintain pressure in one small area. Supply is mainly through an 18-inch artery from the 36-inch transmission main from the Newman Springs Pumping Station. Gridiron is poor with numerous dead end mains supplying hydrants. **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 1,052 services in Rumson, all of which were metered. **Pipe:** Mainly cast iron and cast iron cement lined, laid with a 3½-foot cover. Total length of pipe, exclusive of 18-inch artery, 95,700 feet; 21.7% 4-inch, 74.5% 6-inch, and 3.8% 8-inch. **Gate Valves:** There are 89 of various makes. All valves open to right, except valves on former high service, which open to left. Valves set with iron boxes at grade. Occasional inspection of important valves. **Hydrants:** There are 137 of Ludlow, Eddy, Corey, Mathews, and Smith makes. Of the total, 25 have two 2½-inch outlets and 112 have two 2½-inch and one 4½-inch outlets and 6-inch barrels. Small outlets are National Standard, but large outlets are 5⅞ inches outside diameter with 7 threads per inch. Inspected semi-annually. Hydrants operated during inspection were found to be in good condition. **Pressures:** Pressures taken at two hydrants widely distributed showed pressures ranging from 78 to 87 pounds with an average of 82.5 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:

Washington St. and River Ave., 1,260—87—60.

Fair Haven Rd. N. of Rumson Rd., 445—78—20.

**FIRE DEPARTMENT:** A volunteer organization of two companies under the control of the borough, with a paid mechanic who maintains equipment at both houses. He is ordinarily on day duty only, but is subject to call. There are a chief, an assistant chief, 3 captains, and 4 lieutenants. Officers elected annually by members. Chief, assistant chief, and drivers are confirmed by council. Chief and assistant chief alternate each year from one company to the other. Borough owns and maintains apparatus. Companies own houses. Borough appropriated \$7,550 for the support of the department during 1947. Total membership 57, of whom 16 are available during the day and 35 during the night. **Companies—Rumson Fire Company:** 32 members. Located on Center Street near Ridge Road in a 2-story frame building with wood shingle roof, wood floor, hot water heat, electric lights, and telephone. **Equipment:** One 1927 American La France 1,000-g.p.m. triple combination

pumping engine carrying one 40-gallon chemical tank, 1,400 feet of 2½-inch hose, 200 feet of chemical hose, 2 short ladders, 1 gas mask, and fair minor equipment. One 1937 American La France 500-g.p.m. quadruple combination pumping engine carrying a 200-gallon booster tank, 300 feet of booster hose, 150 feet of 2½-inch hose, 2 salvage covers, 2 gas masks, one 1,250-watt electric generator, 2 lights, 1 mechanical foam nozzle, 9 ladders ranging from 12 feet to 45 feet and totaling 215 feet, and fair minor equipment. **Oceanic Hook and Ladder Company No. 1:** 25 members. Located at Allen Street and River Road in a 2-story cement block building with slate roof, concrete floor, hot water heat, electric lights, and telephone. **Equipment:** One 1930 American La France 1,000-g.p.m. triple combination pumping engine carrying an 80-gallon booster tank, 1,450 feet of 2½-inch hose, 200 feet of booster hose, 2 short ladders, 1 gas mask, and fair minor equipment. One 1937 Federal chemical and hose truck carrying a 35-gallon chemical tank, 150 feet of chemical hose, 500 feet of 1½-inch hose, 200 feet of 2½-inch hose, 2 salvage covers, 1 generator, 2 flood lights, 1 mechanical foam nozzle, and fair minor equipment. **Hose:** All 2½-inch hose is C.R.L. with National Standard screw couplings. One thousand feet is less than 5 years old. Hose is tested quarterly at drills at 240 pounds. Shifted and wet at drills. No drying facilities. There is 300 feet of reserve hose. **Operations:** Governed by borough ordinance. Chief is required to inspect apparatus and fire houses monthly. The paid mechanic is responsible for operating condition of apparatus and equipment. Chief may suspend members, subject to hearing of council. There are 18 men appointed as drivers. Motors turned over daily in winter and twice a week in summer. **Drills and Training:** Held monthly in summer, consist of hose testing, ladder raising, pump operation, and use of equipment. **Fire Methods:** Chemical and booster streams used on small fires reinforced by hydrant and engine streams with shut-off nozzles. Engines hook up only when necessary. Hydrant lines always laid. Salvage equipment, gas masks, and foam are provided, but there are no heavy stream appliances. **Response to Alarms:** During day one company responds, depending upon location of fire. During night both companies respond. Outside aid may be secured from Fair Haven, Little Silver, or Sea Bright under the Monmouth County cover-up system. **Building Inspections:** No inspections are made. **Records and Reports:** Complete records are kept of all fires and chief makes a yearly report to mayor and council. **Fire Alarms:** Alarms of fire are telephoned to police station and alarms are sounded from there on siren at Oceanic Fire House and air whistle at Rumson Fire House. Private line connects police station to fire houses and dwellings of chief and assistant chief.

**POLICE DEPARTMENT:** A chief with a captain and 6 men working on 8-hour shifts. A deskman is on duty at all times. Outside men report over 4 phones, 2 of which are in fire houses. Two cars with 2-way radio are provided.

**BUILDING LAWS:** None.

**FIRE PREVENTION LAWS:** No local 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.

**ZONING ORDINANCE:** Adopted August 24, 1929 and revised March 28, 1946.