



## CITY OF NORTH WILDWOOD, CAPE MAY COUNTY, NEW JERSEY.

Population — 1940 Census — 1,921.

Estimated Summer Population — 35,000.

**IN GENERAL:** Located on the Pennsylvania-Reading Seashore Lines Railroad adjoining Wildwood It is principally a summer resort with practically no manufacturing. Area about 1.8 square miles Elevations range from 0 to 10 feet. A few minor railroad grade crossings do not interfere with the response of fire apparatus.

**WATER SUPPLY:** Water for domestic and fire protection purposes is furnished by the City of Wildwood which also supplies Wildwood Crest and West Wildwood in addition to Wildwood. For a detailed description of the organization, supply works, and distribution system see report with map No 228. **Distribution System:** In one service consisting of a 12-inch and 10-inch transmission main with fairly well gridironed 6-inch mains and some 4-inch and 6-inch dead end branches. See map **Consumption:** The average and maximum daily consumption during 1947 in the entire territory served (6,350 live services) were 1,524 and 4,852 million gallons. It is estimated that about 20% of the entire consumption is used in North Wildwood. At the end of 1947 there were about 2,100 services in North Wildwood, all of which were metered **Pipe:** About 90% is reinforced cement, the remainder being cast iron, tar coated, bell and spigot joint, laid with about a 2½-foot cover. Total length in North Wildwood 114,850 feet; 0.5% 16-inch, 7.5% 12-inch, 1.0% 10-inch, 0.5% 8-inch, 60.3% 6-inch, and 30.2% 4-inch. No trouble reported from freezing or electrolysis. **Gate Valves:** There are 247 in the city of Ludlow and Rensselaer makes, set with iron boxes at grade Direction of operation is uniform Valves are inspected and operated yearly. **Hydrants:** There are 166 in the city of Ludlow and Wood makes of standard type with 6-inch barrels and 6-inch branches, most of which are gated. All hydrants have two 2½-inch outlets and most have an additional 4½-inch outlet. Hose outlets have Jones snap couplings Larger outlets have National Standard threads. They are inspected semi-annually and at time of resurvey those operated were found to be in good condition **Pressures:** Readings taken at 4 well distributed hydrants showed pressures to be 40 pounds in most instances **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on October 14, 1948 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow, and pressure during flow were as follows:

26th and Surf Aves, 780—40—38

17th and Delaware Aves, 500—40—36.

New York and Spruce Aves., 540—40—12.

Indiana Ave. and County Rd., 370—40—11.

**FIRE DEPARTMENT:** A volunteer organization with one paid man on duty at each house at all times There are 3 paid men at each house who work on shifts so arranged as to provide a minimum of one man for each house. One meal hour is permitted daily and substitutes are provided for vacation and illness periods City owns houses, apparatus, and equipment and appropriated \$10,000 for the support of the department during 1948. There is a total of 60 volunteers, of whom a minimum of 10 are available at all times Officers consist of a chief, assistant chief, 2 battalion chiefs, 2 captains, and 2 lieutenants. Chief officers are appointed by the mayor for indefinite terms, but are removable without cause. Company officers are elected annually by the companies. **North Wildwood Fire Company No. 1:** Membership 30 Located at Central and 15th Avenues in a 2-story joisted brick building with concrete floor, built-up asphalt roof, hot water heat, electric lights, telephone, and siren on roof **Equipment:** A 1915 American La France 750-g.p.m

double combination pumping engine carrying 1,000 feet of 2½-inch hose, 200 feet of 1½-inch hose, 2 short ladders, and meager minor equipment. A 1939 GMC hose car carrying two 35-gallon chemical tanks, 200 feet of chemical hose, 500 feet of 2½-inch hose, 100 feet of 1½-inch hose, 750-watt portable electric generator, 2 flood lights, 2 short ladders, one salvage cover, and meager minor equipment **Anglesea Fire Company No. 1:** Membership 30. Located at Third and Central Avenues in a 2½-story frame building with concrete floor, composition shingle on wood roof, hot water heat, electric lights, and telephone Siren is mounted on tower outside. **Equipment:** A 1941 Darley-GMC 500-g.p.m triple combination pumping engine carrying a 200-gallon booster tank, 200 feet of booster hose, 400 feet of 2½-inch hose, 350 feet of 1½-inch hose, 2 short ladders, and meager minor equipment. A 1923 Maxim 50-foot city service ladder truck carrying ladders ranging from 10 to 50 feet and totaling 246 feet, a 35-gallon chemical tank, 125 feet of chemical hose, and fair minor equipment. **Hose:** All 2½-inch hose is C.R.L. with Jones snap couplings It is shifted and tested bi-monthly at 250 pounds pressure and repacked wet No hose is over five years old and reserve supply is limited to 400 feet. **Operations:** Department is governed by city ordinance and company by-laws. Chief has control of paid men and apparatus at all times and of volunteer members at fires and drills Motors are started semi-weekly and there are ample volunteer drivers in addition to the paid drivers. **Drills and Training:** Semi-monthly drills with the exception of summer months are held under the supervision of chief officers and consist of hose laying, pump operation, and some ladder work **Fire Methods:** Booster and chemical lines are used on incipient fires reinforced by hydrant or engine streams with shut-off nozzles. Salvage equipment is limited to one salvage cover and department is lacking in heavy stream appliances and gas masks. **Response to Alarms:** All apparatus responds to all alarms within the city and those pieces not needed are returned to their houses. Outside aid may be secured from Wildwood and Wildwood Crest. **Building Inspection:** The building inspector is said to make irregular inspections of mercantile risks, but no records are kept. **Records and Reports:** Fairly complete records are kept of all fires and drills, and chief makes an annual report to the mayor and commissioner. **Fire Alarms:** Alarms of fire are telephoned to police desk in city hall where 24-hour duty is maintained They are then relayed by phone to the 2 fire houses where sirens are sounded No location codes are used.

**POLICE DEPARTMENT:** Consists of chief, 2 sergeants, and 8 patrolmen who operate in three 8-hour shifts and maintain 24-hour duty at the police desk. Department is provided with 12 street call boxes and one radio equipped patrol car Police respond to all alarms of fire and report unauthorized building construction to the building inspector.

**BUILDING LAWS:** Code adopted January 27, 1948 contains some structural requirements, but does not establish fire limits nor restrict the use of flammable roof covering materials and is not sufficiently comprehensive from a fire prevention standpoint

**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

**ZONING ORDINANCE:** Adopted December 18, 1946 and subsequently amended