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226	68	251	82	276	81	301	102	326	100	792	74	819	106	2532	112
227	68	252	82	277	80	302	101	327	99	793	89	820	106	2533	93
228	67	253	81	278	80	303	101	328	99	794	89	1500	90	2534	93
229	67	254	81	279	79	304	100	329	98	795	46	1501	90	2535	93
230	66	255	80	280	79	305	100	330	98	796	46	1502	90	2536	92
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247	84	272	83	297	104	322	102	788	87	815	108	1593	60		
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MISCELLANEOUS REPORT.

POPULATION, 325,000.

PREVAILING WINDS, N. in Winter, W. in Spring and Fall and N. W. in Summer. Average velocity from 7 miles an hour in Winter to 13 miles in Summer.

Lights.—Electric, Gas and Oil.

Building Material.—Business district principally brick, and practically the entire dwelling district, including many business houses, are built of frame, principally redwood and fir.

Merchants Patrol.—Morse's Patrol System, consisting of 1 captain, 1 lieutenant, 2 sergeants, and 50 men, divided into two watches, patrol business district at night, reporting by telegraph system at regular intervals.

Streets.—Paved with basalt blocks, aspaltum, and partly with cobbles. Outlying residence streets are graded and macadamized. Entire business district practically level.

Elevations.—Quoted at street intersections are above City Base (City Base is 12 feet above *low* LOW water mark).

FIRE DEPARTMENT.—Fully Paid 159 men. Partly Paid 397 men.

Paid Permanent Force includes 1 chief, 1 assistant chief, 4 assistant engineers, 4 assistant relief engineers, and 149 steamer and chemical engineers, stockers, drivers, tillermen, stewards, etc.; besides about 40 employees in dept. repair shops, etc., who perform service at fires when occasion demands.

Partly Paid Force is subject to call and includes 41 foremen at $45.00 per month, and 356 hosemen and H. and L. men at $35.00 per month. These men sleep in their respective engine houses and respond to all alarms of fires in their districts.

Horses.—274 horses in dept., including those kept for relief purposes and in repair and supply depts.

Equipments.—Number and classification of apparatus in active service.

Steamers.—Two 1st class, three 2nd class and two 3rd class Clapp & Jones double; three 1st class and eleven 3rd class La France double; one 3rd class La France single; one 1st class and six 2nd class Amoskeag double; two 2nd class and one 3rd class Amoskeag single; two 1st class American double. Total, 34.

Chemical Engines.—5 double 60 gallon "Champion"; 1 double 80 gallon "Champion"; 1 single 60 gallon "Halloway" Combination Chemical and Hose Wagon, also 50 Chemical Extinguishers carried on various apparatus. Total, 7.

Hook and Ladder Trucks.—3 Turntable Extension Trucks, 2 first and 1 second class; 4 Straight Frame Trucks, 1 second and 3 third class. Total, 7

Hose Wagons.—34 Hose Wagons accompanying steamers.

Water Towers.—1 "Hale" Water Tower, first class.

Monitor Batteries.—Two.

Swinging Harness.—All appartus in active use have swinging harness.

Hose.—53,150 feet of cotton hose in sizes of 2½ in., 2¾ in. and 3 in.; 12,300 feet of which is held in reserve in various department stations.

Fire Department Stations.—43 regular fire apparatus stations, to which may be added Corporation Yards No. 1 and 2, where most of relief apparatus is kept. Locations of all shown on Index Maps by black MALTESE CROSS.

Fire Boats.—2 fire boats moored at the foot of Mission St. between hours of 4 P. M. and 7 A. M. are State property and used during day time as dredger tenders along water front. Steam up at all times. One boat and crew on duty all night and other held in reserve and answers second alarm. The "Gov. Markham" contains 2 "Dow" duplex steam pumps, combined capacity 3,000 gallons per minute, with 4 hose connections. The "Gov. Irwin" contains 2 "Hooker" steam pumps, combined capacity 2,500 gallons per minute, with 4 hose connections, also a 3 in. "Monitor" rear of pilot house. Each boat carries 4 men, 1,000 feet of 2½ in. cotton and rubber hose each; respond to 21 fire alarm boxes along water front, and are equipped with fire apparatus, principally to protect State property.

Relief or Reserve Apparatus.—At Fire Stations and Corporation Yard, 12 Steamers, viz.:—one 1st class "Amoskeag," five 2nd class do., one 3rd class do.; one 1st class "La France," two 3rd class do., one 4th class do.; one 2nd class "Clapp & Jones."

Chemicals.—2 Hose Wagons, 16 Hook and Ladder Trucks, 3 sizes, 1 to 3.

Water Tower.—1 "Hale" Water Tower. To have an additional steam engine and new water tower shortly for active use, the latter being in course of construction.

Relief Engine Companies.—4 companies of 12 men each, organized from department employees at Corporation Yards. Upon all 3rd and 4th general alarms and two 2nd alarms of fires at same time these companies assemble at Corporation Yards subject to orders from chief engineer.

Fire Patrol.—Maintained by the Underwriters, responds to all alarms in the main portion of the city. Have 2 stations, 20 men, 4 two-horse wagons (one in reserve) fully equipped, carrying 90 covers, 1 pickup wagon, 1 captain's buggy and 1 steam pump and boiler for pumping out cellars.

Underwriters' Inspection Bureau.—(Established 1885), inspect buildings and serve complaints for infringement of City Fire Ordinances.

Fire Alarm Telegraph.—System originally similar to "Gamewell" system, but has been added to and improved by local electricians, 273 boxes, of which 35 are crank or keyless boxes and 112 are connected with system of Auxilliary Fire Alarm Boxes; the latter boxes are quite numerous in and about buildings in the mercantile districts.

Fire Bells, Whistles, Etc.—2 Tower Bells, 2 Steam Whistles, 114 Gongs, 161 Tappers, all blown and rung automatically; also 4 Steam Whistles blown by hand after ringing in alarm by gong.

Fire Limits.—Are shown by heavy red line on Index Maps.

Fire Hydrants.—3,653 double and single. Fire Hydrants supplied by Spring Valley Water Works, shown thus (●) on Index Maps.

NOTE.—A large number of hydrants have 2 steamer connections, but classed only as single hydrants by Fire Department on account of being connected to mains through a 4 in. connection, thereby not supplying sufficient water for 2 steam engines.

Fire Cisterns.—There are 26 cisterns in business districts at intersection of streets, which can be used for fire purposes if necessary.