THE Report of the Chief Officer of the 132. Two fourth-class firemen have been took place in London last year is of more during the year-Edward Epps, who saved than usual interest at the present moment. four lives, and Walter Hogwood, who saved der public management is that the present in the number of fires, though the proporarrangements for extinguishing fires are so tion of serious losses becomes happily someentirely unworths of a great city Captain; what smaller. Captain Shaw expresses the the water arrangements were unsatisfactory. by fire in London has been less in the year In only nine of these cases was there a short | 1879 than in any other year since the formasupply of water, but in 35 instances the tion of the lingade. The reduction in the turncocks were late in turning the water on, number of senous fires is probably due to the and in 18 cases no turneock attended at all. greater promptinde with which a conflagra-It may, however be fairly said that as com- tion is now attacked. We may be almost pared with other great towns the arrange- sure that it will undergo another striking action, of turning on the water, drawing out ment was that its efficiency is this respect a fire plug and then jumping it by means of should be speedily secured. station which will be necessary when this weeks should keep this point in view. great reform has been carried out. There is ; gallons when it has got the half hour sigrace contents, \$8,000. Total, \$13,750. were lost. The number of people thus, the contraga has received an ample opera, ston is equally good for other cities, berned was 32, and the number received was 1 lent for the risk they have assumed. berned was 32, and the number rescued was Hent for the risk they have assumed.

Metropolitan l'ite lingade on the fires which commended for special merit in saving life One reason for putting the water supply un- I two. There seems to be a steady increase Shaw reports that on to occasions last year; opinion that the value of property destroyed ments for the supply of water at fires were diminution as soon as it is possible to turn unsatisfactory in London in every case, on the water with a hose, and the delay in There were 1,718 actual fires, of which only getting up engines, finding turncocks, and water was always on It cannot be too fires in London were inadequate and its hydration is frequently doubted. Such in-strongly jointed out that the necessity of chief reason for advising that the water supsenting for a fire engine, of getting it into ply should be put under public manage-

pumb engine. Every step needed to set it paper by gravity pressure. The city is pro- be considered sale from great configuration

THE Baltimore Underwriter says that the two fires of recent occurrence were occasioned by water. In other words, they resulted from rapid and intense disengagement of heat in stacking time. One of the two referred to was occasioned by a high tide in the East River, at New York, which flooded a per at the foot of East Ninty-sixth street. where stood a shed containing 14,000 barrels of lime. The powerful affinity of the lime for water, and its instantaneous conversion into a hydrate, was attended with such enormous extrication of heat that the shed, contents, and surroundings were set on fire and destroyed, involving a loss of \$20,000. The Firemen were premptly on hand but, as might have been expected, the more water they threw upon the flames short of supersaturation-a point they evidently did not 15% or 9 per cent, of the whole, were really chexing out the plug has been abolished. If reach—the more brightly the fire burned. serious. Captain Shaw does not tell us how, the new Water Commission does not speed. In such a case the most effective medium far this proportion of scrious hires is due to the accomplish this reform for the people of of extinguishment is carbonic acid gas, not. defective water supply. but it is clear that Lendon, it will be hardly worth the trouble of course, by re-carbonating the lime-so to the necessary of sending for a turnoock to, and cost which will attend its establishment, speak but by exclusion of the oxygen of the turn on the water must in all cases give the A Parliamentary inquiry made long since atmosphere. We advert to the matter befire a chance it could scarcely have if the reported that the means for dealing with cause combestion as a result of rapid

War seaboard cities do not utilize salt water for fire extinguishing and sanitary purposes, is one of there commitmen that, as the engine over the fire, are methods only worths of a village. A steam fire engine is:

Nonwich, Conn. is supplied with mater Dumlreary mays, "No fella can find ort." an imposing piece of machinery but it is from an artificial pend three and a half miles. The Journal has advocated its use for New after all only an improved form of the old from the city. It is brought to the city in York city, and not till that is done can we going is a nonlices delay Under any pro-vision with two way hydrants located not Gen. Megis, Quarter-Master General of the per system of water supply the mains are al- more than (co feet apart. A water pressure army, agrees with us in that seabourd eities ways charged in every street, and when a is obtained at the hydrants equal to \$5 the, should thus equip themselves. In a recent fire levale out the firemen have only to run to the square inch, which will throw an letter to the Galveston News, he writes as with a hose, fix it to a hydrant, turn the effective fire stream over any building in the follows: "Visiting Galveston again recently, screw tap, and at once a stream of water is place. Chief Carrier relies entirely upon after the lapse of ten years, I was strick with poung over the flames. The adoption of the hydrant pressure. He uses four-wheel the great improvement and increase of the this system in London will at encedeable or hose carriages fee feet of hose on each tred city. I also noticed the endences of great treble the efficiency of the Tire Brigade It and twenty men to each Company He has damage by fire. When I first naw Galvenston will allow of the rapel multiplication of four Steamers, but they only respond to in 1869 70 it was structling to recover from stations since instead of each station being second alarms, and have not been called out the effects of a great conflagration. Another supplied with cognes and horses, it will in a year and a half. The Department con, has since detactated the city, and a serveronly need to be ferminded with handbarrows trols all fires by means of the hydrant fire had occurred within a few days of my to carry the hose. The wheeled caravas streams. This is the cheapest and less Fire recent visit. It appears to me that the city which is now standing in Linkste-cures it Service to be obtained - fire streams direct | month find its advantage in providing operati an illestration of the simple hand of fire from hydronic. Cities putting in Water, lines of cashiron life, through which sea water could be forced to within a few Lundred feet of any point desired. There is no danger no need to fear that the greater facility of Newsen of fire alarms at Ottawa, Can., for from frost bursting such paper in your climate, turning on water will lead to waste. It is the mouth of February, 9; veren public and and they could therefore be laid at a small more likely to effect an economy of us use, two still alarms. Loss on buildings, \$600; depth below the surface of the ground. Stasince a gailon will be more useful in the loss on contents, \$3,210. Total \$4110. In- tionary steam pumps and builers, located eather stages of a fire than a thousand surance on leadings, \$5.750; insurance on near the above, sufficient to deliver very heavy streams of water through home attached to which our present system nearly always. The National Fire Insurance Company, the iron pipes, in any part of the city, would gives at. Even under that system the con- of Montreal, has crased to cast. It has be less coulty in maintenance than portable samptum of water from the street papes was disposed of its business to the Sovereign stress fire entities. The east-from paper only about 9 000 000 gallons, and about 7. Fire insurance Co., of this city, (formerly would probably not cost so much as a suffici eco eco gallens were dumped from the rever, the Isolated Rick), which Company has as- ent supply of hose, and if dipped in hot or from canale and docks. This is really an sumed all the liability for losses on the asphalt, before being laid, they would be or from canals and docks. This is really an samed all the liability for lostes on the appears, some time, and the matter of the pearly consumption causing policies of the National. We mader, much more derible than may home. Such a feel Looker. There were go firm in which scand has a large proportion of the beamers, position would be effected, and I think it limes were enhancered, and ay in which lives remaining no for good class, and we trust jestabiliment. What is good for Galven-