titled to the franchise. He has to voirs, and continue building as necesswear that he has not done certain sity would dictate until the whole of acts "in the marriage relation." If the the surplus water of City Creek would certain things specified have been done | be utilized, outside of the "marriage relation" they are no hindrance. The clause present have the use of it, can easily was inserted in the oath as a be measured, and a permanent weir killed thousands of valuable fruit could have been done towards saving representation of the sentiment of so- built across the creek as a guage, pre- trees, destroyed thousands of bushels the town limits at any rate had the ciety, and it is therefore the "Mor- ferable of iron or stone, and the depth of fruit, and is now invading every people been rallied in that direction. mon" who is under its ban, and, ac- settled upon for the normal quantity. place, devouring gardens and other cording to the Inter-Mountain, should Then whenever the stream runs above vegetation, the people have become be exempt. That journal is quite wel- that line, the surplus could be turned much exercised over the matter. Amcome to its view that because the into the sforage reservoirs instead of ple warning was given in the NEWS to "Gentile" covers up the current of his rnning to waste. corrupt course he should not be pun- If the city does not feel able to un- of fruit, for when the pest first apished. We pity the poor little chap, dertake the system proposed why not peared I took a specimen to the office who was reared in this city, by the dispose of the surhlus water way, whose moral vision has become so deplorably obfuscated that he appears to place a premium on secret vice or companies who could undertake the other plan. Sure Pop, kerosene and and hypocrisy. What a fearful condi- necessary works, and who would pro- gunpowder have been tried, but in tion is his!

blamable, because his act was commitoffense from his fellowmen." The cost, and leave the pipes stacked up in will destroy a tree if let alone, and the blame of the young woman's course the yard for months, bringing in no re- tree may be saved by cutting off three and termination of life was attributed | turn. by this warped and waspish little I am not a Prophet, nor as far as I a tree (I have not known of any with scribbler of the Inter-Mountain to know, the son of a Prophet, but I will half so many) what are fifty twigs? the teachings of her "Mormon parents" venture a prediction based on the natu- They cannot be missed. I have dessimply because they were "Mormons." ral circumstances and necessities of troyed five hundred nests in a small The poor little fellow, who is the son the case, that in the course of years our orchard and you cannot discover that of a respected and worthy "Mormon" mountains will be lady, probably could not see through the hopeless night in which his mind is enveloped, that in a general sense he and where the number and means of After the brood begins it works was casting a reflection upon his own the inhabitants will warrant the out- lower and lower on the tree, making mother. If his twisted perceptions lay, not a drop of surplus water will be ascents only for food, and presently it enabled this truth to glimmer allowed to run to waste, but the whole scatters everywhere to obtain nourishupon his faculties, then his condition of it will be utilized, in enabling the ment and to find a hiding place to is worse than we could have imagined. now barren benches to be covered with | change in to the pupa or chrysalis state. Neither could be see, in the same con- farms, orchards and habitations, and This is the position at present and all nection, that by such a commentary he | then the work they have done will not | that can be done will not keep hunwas flaunting his own degradation, be any more in comparison with their dreds of thousands from developing though everybody else could run and means, than was the immense labor of into the perfect insect. read.

INTELLIGENT EXPLANA-TION OF THE RESERVOIR SYSTEM.

HOW TO UTILIZE SURPLUS WATER.

Editor Deseret News:

by their own unaided efforts are un- probably not aware that able to obtain it. Can the necessary water be furnished without infringing upon prior rights and without involving the city in difficulty, financial or period so remote that even tradition otherwise?

A large amount of water is uselessly running to waste and has been for the past two months, and probably will continue to do so for another month at least; along the aqueduct on North Temple Street, in fact not only enough to supply the dry benches, but enough though imperfect, of the tanks in fourif let loose to entirely wash them

away. Does this water belong to anybody? and if so why do not those who want it take it and not let it run to waste; be estimated on a moderate calculation and if it does not belong to anybody, at half a mile, and the masonry works why the persistent and inconsistent in irrigation sluices, waste weirs, and one in town that is not thrown at and opposition to any and every plan for the like, may be taken to be at least shot at with flippers by almost every the storage and utilization of the

If all the surplus water now running to waste as above, were stored where rate masonry works are at least 300,000. it could be utilized who would be injured? No one, but not only would the this gigantic system is that it is entirerecipients of the water be benefitted, ly of native origin, not one new tank but the whole city would feel it in the increase of taxable property.

The CITY OF NEW YORK

has been supplied since about 1840 by water from the Croton River which is crossed by a dam of masonry 250 feet sidency, near the town of Sholapur, is long, backed with earth raising the formed by an earthen dam, thrown level 40 feet, and forming a lake of 400 across the Adhila river. This dam is acres surface, having a capacity of 7,000 feet long, with a maximum height about 1,000,000,000 of gallons, giving of 76 feet. The surface area of the tank a minimum daily supply of 35,000,000 when full is about seven square miles, gallons in dry seasons.

that this supply was insufficient, a sur- | 1877, there was scarcely any rain, still vey was made in 1865 with a view to the water was not exhausted, there President L. John Nuttall: determine what available site existed being about 3,000 millions of gallons for additional storage reservoirs, this remaining. showed that fourteen such sites exist- | The Ashti tank in the same presided, and in 1866 it was determined to ency is on a tributary of the Bhima commence by building one at Boyd's river, above 12 miles northeast of Corners, 23 miles above the Croton Pandharpur, which is connected with dam, where a masonry dam was built | the great Indian Peninsular railway by 70 feet high, 700 feet long, enclosing a a branch line. This consists of an surface of 279 acres, with an average earthen dam 12,700 feet long, 58 feet should judge, twenty feet deep, and depth of 30 feet, and a capacity of high at the highest part, thrown across about 2,500,000, gallons, this was the valley at the Ashti Nala, and when finished and opened in 1872.

We will suppose that a

SUITABLE LOCATION

a side canon beyond the reach of which was severely scourged by famfreshets in the creek, and that after a careful survey and examination of the geological formation of the site determined upon, a suitable reservoir is built, say one for each bench, strong, substantial and enduring and, that as | will take the initiative in these works | ger at one time, the water coming soon as the creek begins to rase above or whether she will allow other set- within a short distance of it, washing its normal quantity the surplus water thements to lead off and offer means away the approaches to it. It has also always cures and never disappoints; is turned into such reservoirs until and facilities for the increase of setthey are filled and allowed to continue tlers, and the multiplication of homes below Bishop Cutler's house.

until the creek lowers in volume, the within her borders. Manufactures are I have lost about five acres of crops,

WHO WOULD BE INJURED?

Certainly not those who now have prospect of comfortable homes. In tumbling down. They are in such a the water as they would still have it the present water limits the city is to condition now that every flood during all the time, the folks on the benches some extent crowded, outside there is summer will increase the damage. The would have it till probably the end of still room, and it has been the ex- brethren are taking their losses calm-June or July and as long after as the perience of those counties who have ly. Some few feel rather discouraged, water in the reservoirs would hold out. husbanded their water that the rains but almost all seem resigned to the When the settlers on the benches in- have increased in frequency without inevitable. Some censure the authorcrease so as to justify the expense, go being so destructively heavy and far ities here for making no effort to stop up the canon and build other reser- apart as previously. Hydraulics. the progress of the water towards the

The supply of water to those who at | Editor Descret News:

TO A COMPANY

bably employ such engineering skill as those orchards are seen the effects of It is not long since the same writer would be needful to make the project | the plague. commented upon the suicide of a young a success beyond a doubt, and after The eggs of the moth are laid on a woman at Butte, who had been led charging at a certain rate, to be fixed in | twig from one to twelve inches from into a life of shame by the seductive their charter or otherwise, would no the end, and from 100 to 600 in number. wiles of a "Gentile" libertine. On the doubt make a good dividend for them- When they hatch out they go out upon Inter-Mountain logic he must be un- selves. In fact if our present water- the end to begin their work, and genworks were in the hands of a company, erally congregate upon a single leaf. ted "under the ban of society," and it would not pay them to wait while The whole brood may be taken by pulhe succeeded fairly in concealing "his parties advanced three fourths the ling off that leaf. Three healthy broods

DOTTED WITH RESERVOIRS,

our pioneers and early settlers in the | To save ourselves from the pest rext miles of ditches and other works when | year we can this winter destroy the their numbers were small and their eggs, which may readily be seen means less.

by some persons in this city through eggs off. Then in the spring we can the public prints that reservoirs were easily destroy the few nests that may never built for irrigating purposes, and have escaped. The NEWS of the 3rd we were advised not to forget it, and suggests the topping of the trees but have accordingly remembered it, that | the eggs are laid as a general rule on is that it was said, but of course we do | the lowest limbs and I have not found The people on the benches east and | not expect any one or two men to know | a single nest of eggs in the top of trees. west of City Creek require water, and everything, and consequently they were | One tree from which I trimmed all the

IN INDIA

a reservoir system has existed from a fails to hand down the names of the original builders, and on so vast a scale that modern works are insignificant by comparison. A recent writer says, speaking of one district: "The system now in use in the Madras Presidency is on a vast scale! A record, teen cultivated districts, shows them to amount to 43,000 in repair and 10,000 out of repair, or 53,000 in all. The length of embankment required for each may six. The embankments alone for all boy out of petticoats. Toads eat many these tanks would extend over 30,000 caterpillars-I saw one eat fifteen and laccidents and pain. It is a medicine miles, while the total number of sepa-The most remarkable feature about farmer's best friends, for they eat nohaving been made by Europeans; and, according to all accounts, there must be a good many equally fine works which have been allowed to fall into deeay."

The Ekruk tank in the Bombay Preand the capacity is 33,000 millions of ter dated May 23d, from Brother James It having been found for some years gallons. From October, 1875, to June,

full having an area of more than four square miles and a storage capacity of 14,000 million gallons. This waters a total area of 25,000 acres of land, and has been selected, probably in is situated in the centre of a district ine, but is not likely to be again subected to its ravages.

It remains to be seen whether SALT LAKE CITY

bench residents being permitted to use the great want of this city and Terri- principally lucern. Our loss is great that water as long as it would hold out. tory, but manufactures cannot be es- considering we had but a limited tablished to advantage unless you can quantity, and the end is not yet. The offer the men who are needed a fair water is cutting and the banks are

HOW TO DESTROY THE WORMS.

have saved every tree and every bushel and suggested the cutting off of the twigs. Some thought this would be injurious to the trees and wanted some

twigs. Suppose 50 broods hatch upon the trees have been cut or had any worms with the exception of a tree

where I neglected destroying a brood.

when the leaves are off. If we don't We were at one time gravely informed want to cut the twigs we can peel the lowest branches had none on it.

But here another question arises: Will the caterpillars appear next year? They may, and may not. In other districts where they have been as bad as this, there was not one found the following year. This has been the case many times in the different States, and some parts of this Territory have had examples of it. The grasshoper, cricket, locust, army worm, and cotton worm appear and disappear the same way, and entomologists have never as yet been able to account for it. But it is best to be on the safe side-if eggs are on the trees this winter, destroy

The robin is the only bird that I have seen eat a caterpillar, and there is not then hunt for more. Toads and lizards, or swifts, are the gardener's and thing but vermin, except now and then a bee. The other day I fed a toad nearly two hundred "sow-bugs," and then he appeared to want more. A stringent law should protect these in-C. H. BLISS. sect destroyers.

RAVAGES OF HIGH WATER.

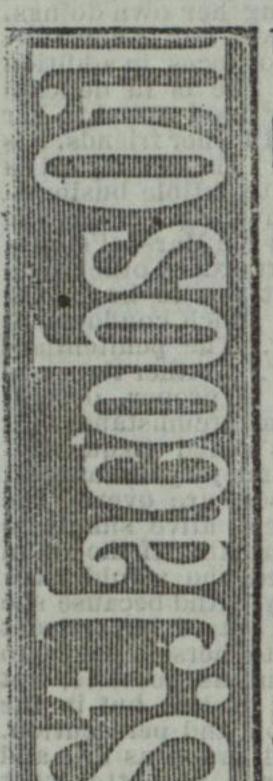
THE SITUATION AT GLENDALE, KANE COUNTY.

The following is an extract of a let-Leithead, of Glendale, Kane County, to

"Of our choice, rich|bottom lands from | saved by the healing power of this the upper end of the town, reaching down about two miles, or to the dugway—a very large portion is either carried away or rendered useless. The stream has deepened in many places from eight to ten feet below the old bed and is now on the average, from four to fifteen or twenty rods wide. One family abandoned their house, the stream cutting up to within two rods of it and within ten feet of the barn. It is within a few rods of Bro. John Hyatt's house. All the bridges are gone. Much of the road up the cañon is gone. It will cost many hundreds of dollars to make it even passable. I hear it is also cutting considerable at Fort Carmel, the people there having to move several houses. The Glendale Grist Mill was in Igreat dan-

public streets, buildings, etc., which many believe could have been done had there been an effort made in that direction. I believe so to. I consider there is considerable responsibility Since the caterpillar has probably resting somewhere, for I believe much

> ALLIGATOR SKINS .- Four hundred thousand alligators, it is estimated were killed in Florida, during the past year, to supply the demand for alligator-skin articles of all kinds, which are said to be well nigh indestructible besides articles of jewelry, manufactured from the teeth. This new business is said to give employment to over 2,000 people, in various parts of the south, the skins being worth from 20 to 50 cents and to the merchants from \$1 to \$2 each, according to the quality A few years ago alligator skins were novelty, now there are over a dozen tanneries in the United States engaged exclusively in tanning these hides. The teeth are in demand in England and in France, where they are manufactured into jewelry.—Palatka News.



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