Waters Rushed Down Great Continental Slope Into Mammoth Continental Gully When They Flooded Ohio and Indiana



Map of the United States showing the different elevations of the entire country, with special reference to the present flood sections. The dark shaded portions show the land less than 500 feet above sea level. The part of this extended into the central portion of the country from the south is part of the great central gutter through which water pours to the Gulf of Mexico. The present flooded sections are inclosed in the circle.

What is the reason for the great flood that swept death and destruction befort it in Ohio and Indiana?

Why is it that great walls af water Ohio Valley or the Mississippi Val-

and then the central plain, the very first part of which to appear was the Mississippi Rivers. The greatest slope rain that was melting the ice in

water long after Indiana and Ohio where the worst of the floods are emerged. But on the part of dry land today, the very lowest part of the cenmit reaches a height of 1,000 feet above pressed basin wide at the top and its volumes will be reduced. It is drainage.

Medical treatment for individual cases

PERSONAL HYGIENE SERIES NO. 3.

"How Compensation Works in injuries."

The World's Best Liniment

Needed In Every Family

If Your Home Is Without "Ner-

viline," Read the Following

Closely.

The high cost of living today de-

mands economy on every side. Sick-

ness is expensive. Far better to treat

little ills before they grow serious.

For this reason every home should

have handy on the shelf a good rem-

edy like Nerviline, which cures the minor ailments that occur in every

and the cold will go.

all and cure is effected.

For example, when the boy comes

cannot be prescribed.

Cincinnati is only 500 feet above sea from which point it widened west to level. Between the two points is Dayton and Columbus. Water that falls on depression of Florida and the Atlantic It may find some side-track and one side of this summit flows south to the gulf. Water falling a few feet The mammoth gulley, therefore, was have estimated. Owing to the fact that annually huri themselves through the other side flows to the the natural outlet for all the excess

great lakes. When the continent of North AmerWhen the continent of North America was raised from the waters that
south of the Ohio sloped to the west
south of the Ohio sloped to the west show fell vast quantities of it, dur-Appalachian Mountains appeared toward the Mississippi and to the snow fell, vast quantities of it, durfirst; then came parts of the Rockies, south, as shown by the courses of the ing the last few weeks. It was against south, as shown by the courses of the ing the last few weeks. It was against er portions of the great hollow, for Ohio, Cumberland, Tennessee and this that the wind beat and held the the force of the water will not be able

BY ALBERT FORD FERGUSON. sea level at Bellefontaine, Ohio, and narrowing to the point between the hardly possible that so much will be [Written for The London Advertiser.] the slope is so rapid to the south that Appalachian and Ozark Mountains, lost in this way, however, that there

moisture of a vast region.

All that part of this country south of the Ohio River remained under water long after Indiana and Ohio where the worst of the floods are land on the ohio River remained under particular section in Indiana and Ohio, where the worst of the floods are land on the ohio land then the wind suddenly slowed down. Its strength was not great enough to hold back the waters check. And then the wind suddenly after the narrow neck between the That is the explanation of the flood.

will not be enough left to flood the It may find some side-track and much of the ice has gone from southern sections of the route it must fol-

Ozarks and the Appalachians has been passed. North of the Ohio-Indiana ridge the same flood conditions prevail, but are not so severe because they drain dijust made was a ridge, the summit of tral plain, and the slope from them which is north of the central parts of ran straight south to the gulf in an The water will flow on, some of it will rectly into the great lakes and there Ohio, Indiana and Illinois. This sum- almost unbroken line, forming a de- seep down into the soil as it goes, and are more channels provided for the

to spend itself over a wide area until

used your arteries and organs have become since you were a child to all the change of position. In a child (or in f'r his birthday. env person who has kept up the child's free movements, such as a tumbler or a He wudden't tell, an' no more wud I. rapeze performer) the compensations for holding the head down are just as good as any others he has. With most of us, dignity, or laziness, or preoccupation, or keeping our heads so much higher than good people that come afther me will our feet that the blood pressure in time want to cillybrate me birth. I've got to fix a date f'r thim whin it won't be our heads swim wildly and flush, cold for this, the cold itself produces dinary position. I am not advocating past.' So, bein' an injanyous man as If from all urine a heavy precipitate of that stout gentlemen should invert them. normal salts of the urine, which remain selves and walk upon their hands down dar, he named a day that was sure to in solution only when the urine is fairly to their offices. I am merely trying to show how easily we overlook the extra slightly pink in color; of course, the unsophisticated victim thinks this perfectly. sephisticated victim thinks this perfectly habit of walking erect, may put in the long run on one set of vessels, say in CLOTHES PINS MAKE SKIRT

Smallpox.

Question 28-It is compulsory for children in Great Britain to be vaccinated in their first year. Why not in Canada? A.—Compulsory vaccination does exist in Ontario, and is required within three nonths of birth, under a penalty of five dollars for the parent, or guardian, who shown in the illustration and attach i neglects the same; if an unvaccinated to the pins as shown. child comes to a community in Ontario it must be vaccinated within three months If smallpox exists in any municipality vaccination of all unvaccinated persons, and revaccination of all who have not been vaccinated within seven years, must be ordered by the council of the municipality; the neglect of this duty by the ouncil or refusal on the part of citizens to obey the order of the council is he has been doing for three-quarters The medical office: of health of a century . may, if smallpox threatens, exclude from

ases, 8,178; .27 per cent; deaths, 423; .014

march and have rhythmic exercises to

The kindergarten is the first separ- ture and the industrial world, thus ation the child has from home, and is developing language. After this they the connecting link between home and music, trying to awaken in the child school. The child of kindergarten years a feeling for rhythm, After this the is but a babe, and needs guidance children take their places at their rather than teaching. As this is the tables, where they play (under guidperiod of habit formation we try to ance), with colored balls, building oster good habits, such as industry, blocks, round, square or triangular ounctuality, reverence, cleanliness, tablets made of wood of different colorder and neatness. Of course these ors, sticks of different lengths from habits are fostered in the home, and one to five inches, spherical, cylindriwe try to emphasize them in kinder-cal and cubical beads of six different garten. This being done, the child at colors, and rings made of steel wire. the age of six years enters the grades This play being finished and the maready to go through school life with terial cleared away the children again a joy. Material is provided in the march on the circle, where they play kindergarten for the child by means for half an hour, running and skipof which his faculties may be awak- ping games, trade games, social games stops falling hair and scalp itch, and ened. It is a place where the children and games of competition. Returning both work and play, and have time to the tables the children work out for song and story. At 9 o'clock the in some form ideas gained from the children take their places on small play with the material during the first are growing hald and for the same chairs on a circle (a circle, because part of the morning. The occupation every child can see every other child used to work out these ideas are Use delightful, refreshing PARISIAN and conversation can be carried on clay modeling, sand modeling, paper-Sage; it nourishes the hair roots, if the easily.) This circle is much like a fam. cutting, paper-folding, weaving, colorroots are not dead, and brings to every ily gathering. All sing talk and tell ing, drawing, sewing. This work finuser a head of glorious hair—radiant stories, each member being given an ished it is time to say good-bye and and fascinating. Large bottle for 50 opportunity to relate experiences, the prepare for home, where each child cents at drug stores and toilet counters. basis of these experiences being the returns to be joyfully greeted after See that you get PARISIAN Sage.

and seventy-five times as many deaths To put it in another way: Had there been as many unvaccinated persons as there were vaccinated, the figures would ave read thus:

Total rersons vaccinated, 3,005,578; cases, 8,178; deaths, 423. Total persons unvaccinated, 3.005,578; cases, 248,484; leaths, 74,059. In which group would you rather take

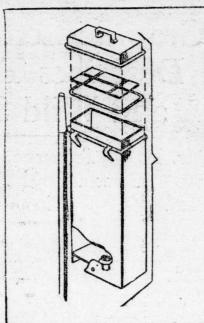
your chances?

NEW ICE CREAM CAN

H W. HILL.

Solves Problem of How to Get Cream Out Without Trouble.

Most of us have, at one time or another, wrestled with one of these rectan gular ice cream molds in which the ream was stuck. An Iowa man has devised a can, also rectangular, from which it is very easy to remove the contents intact. Instead of being made in two longitudinal sections, this can is open at one end, which is the top. There is a hole in the bottom and a false bottom sets over this. To remove the cream, all



FALSE BOTTOM PUSHES OUT.

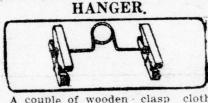
that need be done is to take off the lid and insert a stick in the hole in the bottom. With this you push the false bottom out and the block of cream, of course, precedes it in perfect condition The confectioner may supply the stick or not, according to his judgment, for a stick to answer the purpose is easy to find in any house.

MR. DOOLEY ON ST. PATRICK'S DAY.

"Well, sir," said Mr. Dooley, "if there's wan thing that St. Patrick did f'r Ireland that I like better thin annything else 'tis th' day he fixed f'r his birthday. He convarted th' haythen chiefs, 'tis thrue, an' he dhrove out th' snakes, an' a good job he made iv both, but he niver showed his saintly charackter betther thin whin empensations required by this simple he fixed on th' Sivinteenth iv March

"No wan knows whin he was bor'rn. But he was a thoughtful an' a janyal man, Hinnissy, an', says he to himself, 'Iv coors afther I've gone fr'm this pleasant island to return no more th'

HANGER.



A couple of wooden clasp clothes pins and a length of stiff wire make the best skirt or trousers hangers in the world. Bend the wire in the shape

Among the nonagenarians who set good example of activity to their jun-tors are Alfred Russell Wallace, the celebrated scientist, who lately observ ed his ninetieth birthday; and ex-Mayor Whitney, of Brooklyn, who is in his 95th year, and goes to his office every morning at 8 o'clock, exactly as

any school, or other institution of learning, any pupil or student who refuses to produce a satisfactory vaccination certificate.

The reason why vaccination is compulsory can be told in the following figures more shortly than in any other way. Twenty-one years' experiencee in Prague of severe type of smallpox showed the following results:

Total persons vaccinated, 3,005,578;

cases, 8,178; .27 per cent; deaths, 423; .014
per cent; fatality, 5.1 per cent.
Total persons vaccinated, 90,130; cases, 7,462; 8.30 per cent; deaths, 2,224; 2,470
per cent; fatality, 29.8 per cent.
From the above it will be seen that the unvaccinated yielded proportionally thirty times as many cases and one hundred those as many cases and one hundred those as word all over the world.

Mrs. Winsiow's Southing Syrup has been used for over SIXTY YEARS by MILLIONS OF MOTHERS for their CHILDREN WHILE TEETHING, with PERFECT SUCCESS. IT SOOTHES THE CHILD, SOFTENS THE GUMS, ALLAYS ALL PAIN, CURES WIND COLIC, and is the best remedy for diar-those as Suld all over the world. limes as many cases and one hundred rhoea. Sold all over the world.

Morning in Kindergarten

[By Miss Agnes Bryans, Director St. George's Kindergarten.]



FREE-THE GREAT RACING PEDALMOBILE.

An Actual Model of a Sixty H.P., Six Cylinder Motor Car, Run Without Gasoline, Weighs 145 lbs., but Easy to Operate.

TWO THOUSAND OF THESE \$50.00 PREMIUMS CIVEN AWAY BY A CREAT FIRM

WE WANT TO START 2000 BOYS AND CIRLS IN A BUSINESS OF THEIR OWN. WE WANT TO START 2000 BOYS AND CIRLS IN A BUSINESS OF THEIR OWN.

No money to invest, only some of your spare time needed. Immense profits made in money and valuable premiums. This is a dignified and thoroughly respectable business, and any live girl or boy can engage in its and make a big success at it. Remember what we say—It costs you nothing. What boy or girl is so dead to opportunities, that he or she will not invest some spare time in making as much or more than lets of people working all the time. Our proposition is just this:—We manufacture one of the biggest lines of household and toilet specialties in the country, such as Perfume, Taloum, Face Cream, Tooth Paste and Powder, Toilet Soap, Medicinal Preperations, Baking Powder, Polishes, Eto. We sell all these direct from our factory to the consumer. At the present time our sales are immense, but we are not satisfied. We want more advertising, bigger markets, greater distribution, and are not going to spare any expense to get them. This year we plan to give away over \$100,000 in valuable premiums and commissions to those who will help us in this monster publicity omnesing. We have already started over ten thousand boys and girls in businesses of their own, and they are making good, earning hosts of premiums and stacks of impney. We want \$000 mere, live, served the produced the p

Simply send us your name and address, and say that you want a Padalmobile, and that you are willing to do a little work to get it, and we will start you on the way to carning it, by sending you atour own expense, thirty bottles of our delicious Perfume, to sell for us at 10c. a bottle. It is then up to you do do the reat. You can sell these shirty bottles quickly and easily. Our perfume is the best that money can buy, and is attractively put up in wooden cases and handsomely labelled.

THE MERCHANTS' PRODUCTS CO., DEPT. P 231 TORONTO, ONT.



EARLY INDISCRETIONS AND EXCESSES HAVE UNDER-MINED YOUR SYSTEM

The nerves control all actions of the body so that anything that debilitates them will weaken all organs of the system. Early Indiscretions and Excesses have ruined thousands of promising young men. Unnatural Drains sap their vigor and vitality and they never develop to a proper condition of manhood. They remain weak lings, mentally, physically and sexually. How you feel? Are you nervous and weak, despondent and gloomy, specks before the eyes with dark circles under them, weak back, kidneys irritable, palpitation of the heart, bashful, debilitating dreams, sediment in urine, pimples on the face, eyes sunken, hollow cheeks, careworn expression, poor memory, lifeless, distrustful, lack energy and strength, tired mornings, restless nights, change-able moods, premature decay, bone pains, hair loose, etc.

This is the condition our New Method Treatment is We have treated Diseases of Men for almost a life-time and do not have to experiment. Consult us FREE OF CHARGE

will tell you whether you are curable or no

We guarantee carable cares of NERVOUS DEBILITY, VARICOSE VEINS, BLOOD AND SKIN DISEASES, GLEET, BLADDER URINARY AND KIDNEY COMPLAINTS

Free Booklet on Diseases of Men. If unable to call write for QUESTION LIST FOR HOME TREATMENT

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DRS. KENNEDY & KENNEDY, Windsor, Ont. Write for our private address.

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Home means more than four walls and a roof. One thing is the year

after year enjoyment of locks and hardware that are beautiful in themselves and appropriate to the style of your house.

Another is the certain pri-vacy you get from providing the greatest security known. Youget both by getting Yale Locks and Hardware. Now made in Canada.

Ask us for our book, "A Word About Yale Loaks and Hardware."

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YALE LOCKS ARE SOLD IN LONDON BY THE

SICK DAUGHTER

Mrs. C. Cole Tells How Her Daughter Was Restored to Health by Lydia E. Pinkham's Compound.

Fitchville, Ohio. - "I take great please ure in writing to thank you for what your medicine has done

for my daughter. "Before taking your medicine she was all run down, suffered from pains in her side, could not walk but a short distance at a time, and had severe pains in head and limbs. She came very near hav-

ing nervous prostration. She had begun to cough a good deal and seemed melancholy by spells. She tried two doctors but got little help. "I cannot find words to express my gratefulness for what Lydia E. Pinkham's Vegetable Compound has done for my daughter. She feels and looks like

another girl since taking it, and I shall always feel that I owe you a great debt. "You can use this letter for the benefit of others if you wish, as I shall always recommend your medicines for female troubles." - Mrs. C. COLE, Fitch-

Hundreds of such letters from mothers expressing their gratitude for what Lydia E. Pinkham's Vegetable Compound has accomplished have been received by the Lydia E. Pinkham Medicine Company, Lynn, Mass.

Young Girls, Heed This Advice. Girls who are troubled with painful or rregular periods, backache, headache, dragging-down sensations, fainting spells or indigestion, should immediately seek restoration to health by taking Lydia E, Pinkham's Vegetable Compound,

all storekeepers and druggists, or The dense cloud in twenty-four hours, sim-Catarrhozone Company, Kingston, Ont. ply because the eria from the air or See that you get PARISIAN Sage.

relieves, and how soon it cures.

Questions should be addressed "The New Public Health," care The Advertiser, London, Ont." Private questions accompanied by a stamped, self-addressed envelope, will receive private answers, Medical treatment for individual cases cannot be prescribed. the blind man becomes deaf, he has no tiser, London, Ont. Private questions, accompanied by a stamped, self-addressed eyes to take the place of hearing. envelope, will receive private answers.

THE NEW PUBLIC HEALTH

e Advertiser Bureau of Public Health Information. QUESTIONS. ANSWERS. COMMENTS.

Conducted by Institute of Public Health, London, Ont.

compensation-those which occur in inment, may wither and die. juries. Suppose you cut yourself in such It is true this sometimes happens; a manner that you bleed slowly. The especially if the injury or obstruction blood-forming part of your body responds by making blood more quickly, and it is or arm, or organ must have a very full disease, has brought about. But the perfectly possible to bleed steadily at a supply. But if the blood-vessel is shut rate that would do the body no harm at off slowly, or if, by treatment, the part all so long as this compensation acted. it is supplying can be kept alive for a much reduce its chance to meet future Enormous quantities of blood may be time, other blood-vessels, going to the emergencies. Now, here is the important lost in this way without permanent in- same part, and originally much too small jury. On the other hand, a comparatively to supply all the nutrition, expand, de- If you contract a habit, even an innosmall loss of blood, occurring suddenly,

to catch up, but it may affect the heart itself so disastrously, by taking suddenly to pump, that the heart becomes flurried under the unusual loss and gives out Suppose you lose a hand. Very quickly the other hand begins to do double work, and after a time is much more powerful, much more skilful, than it would have been otherwise. It is a common, but perfectly correct belief that totally blind people hear and feel much more acutely than those who have all the senses: while many a person who has lost a kidney gets on as well as other people so soon as the remaining kidney has learned to

age in such compensation lies in the fact that you are spending your prinoull's heart. cipal, so to speak, using up the surplus, the savings, or reserve, which nature has provided against a rainy day. It From Infancy To Old Age

heart-capital, already mostly employed in just keeping things going. Then everything stops.

ian, and only after a very careful This statement is not confined

settled on his chest, rub on Nerviline If something has been eaten that hearts. The great majority of persons causes cramps, nausea, or diarrhoea, just twenty drops of Nerviline—that's cause of pains in the back, or what they cause of pains in the back, or what they onsider is abnormal urine, have some-As a liniment for outward application in case of Neuralgia, Lame Back, at all. One most ingenious "fake," well Sciatica, Lumbago or Rheumatism, it's known in the United States, is to direct really hard to imagine how Nerviline Nerviline is nothing new. No, it's one of the oldest and best-known rem-Used in thousands of homes by fact is, urine is seldom seen by the genthe people of many nations, simply be- eral public after it has left the body for cause it stops pain, cures sickness, a few minutes. Otherwise the public and rids the family of ills before they would know what every medical student become troublesome. Get the family knows, of course, that all urine, whether

Another example of bodily compensaion is seen when the chief blood vessel a leg or arm, or an internal organ is so injured that it can no longer carry the blood. You may imagine the arm, or leg, or organ thus deprived of its nourish

occurs suddenly at a time when the leg, velop, and presently perform the duty of cent habit, whatever it may be, such as may not only far outstrip the attempted the obstructed vessel almost as well as a habit of playing golf every afternoon,

work double. Of course, the disadvanttion, but never quite catching up, may tion-slave to that particular habit. If

in with wet feet and a slight cough, Nerviline will cure him. If a cold has wrong and just what to do for it. thing quite different, or perhaps nothing prospective victim to keep a sample of

the man with one kidney loses that, he

is "all in." To take the very simplest forms of

In heart diease, the heart that finds a morning, of sitting in a certain seat a valve leaking, so that its normal throw definite length of time, and if that habit of blood, by its normal effort, is not becomes in time a fixed one, if all your enough to supply the body, begins to body adjusts itself to that habit, if you beat more powerfully, or faster, or both, do not change off, learn to do other and grows thicker and stronger to keep things, give your heart, and muscles, up its increased work. If it manages to and other organs, not merely work, but develop enough to make up for the leak, variety of work, they become adjusted such a heart may do splendid service for many years. At other times the leak is too big and the heart gives out, in fruitless effort to compensate for it. Or the heart may compensate enough, but the stantly forced to compensate for a parleak grows worse; the heart increases to ticular strain, never relieved from it day meet the new demand, but the leak again increases; so that the heart, struggling

things going beautifully so long as the cellent condition, meets with some triv-

size bottle, price 50c; trial size 25c, at perfectly healthy or not, will develop a

compensation by the blood-forming tissue that vessel did at its best.

develop to a great size—as big as a Here, again, the heart compensating for an injury is using up reserve; spending its savings-bank account, so to put it; and while it may succeed in keeping body suffers no extra strain or effort, it has not the compensation surplus of an ininjured heart. Thus it is sometimes that a person, to all appearance in exacident or emergency, increasing uddenly the draught upon his slender

There is a very interesting fact of human nature connected with heartsthe people who think out for themselves that they have heart disease because of various "symptoms" they observe, or pains they feel, etc., are almost always never grow bald. wrong. Only an expert physician can determine, in the vast majority of cases, whether or not the heart is affected at all, and since there are at least fifty different combinations of things that the heart may have wrong with it, varying widely in symptoms, results and treatment called for, only an expert physi-

examination, can determine just what is urine twenty-four hours, instructing him

natural pinkness means blood. But this is obviously a digression. The our legs, while leaving another set, say point I wish to make is this: The com- in our heads, to lose their compensations

very complex, and sometimes make up

pensations of the body in disease are by disuse.

very largely, or even wholly (for a time) the loss of function which the intury, of compensations cost the body some of its capital, some of its reserve; and by so point for persons who have no disease. of walking a definite distance every

to do that particular work very efficiently, or, as in the case of professional athletes, very admirably, yet lose their reserve. Like the leaking heart, conor night completely, your body, as a whole, although, of course, to a very on, almost reaching sufficient compensa- much less degree, becomes a compensa-

> you do not believe this, stand on your head a moment and see how utterly un-DON'T GROW BALD, YOUNG MAN!

Take Care of Your Hair While You Have Hair to Take Care Of.

It's a safe ten to one bet that the young man who uses PARISIAN Sage as an occasional hair dressing will

There's a reason, of course, and it's very good and sufficient one. Dandruff germs cause falling and falling hair means thinner hair and in due time baldness.

PARISIAN Sage prevents baldness,

y destroying the cause of baldnesshe little persistent vociferous dandruff germ If you have dandruff or itching scalp means that dandruff germs are sapping the vitality from the roots of your hair. Get rid of all hair troubles by

using PARISIAN Sage.

It is not a dye, mind you, neither does it contain poisonous sugar of lead or even sulphur. It is a scientific preparation that abolishes dandruff, makes hair grow lustrous and luxuriant.

Many young women as well as men