

Salt Mine Is Ideal Air Raid Shelter

Catacombs Beneath Detroit Could House City's Entire Population.

DETROIT. — Industrial Detroit, center of defense production, has a ready-made air-raid shelter. Hidden 1,100 feet beneath the busy streets of the nation's fourth city are 20 miles of crystal catacombs which could house the entire population of 1,600,000.

These catacombs—little known to the average Detroit dweller—were built by the city in 1918, and today as a great salt mine, second largest in the United States.

One vital problem would have to be solved if the mine—a glittering, white-walled mineral palace—were converted to defense purposes. Although it is so large that automobiles drive down its corridors and 40-ton power shovels tear giant mouthfuls from its sides, at present there are but two shafts to the depths, and only 35 men descend in the cable elevators each day.

Makes Ideal Shelter.

If additional entrances solved the problem of transporting large numbers of persons into the mine, however, it would make an ideal shelter which experts say no high explosives could penetrate. Workers report living conditions would be pleasant below: ventilation is excellent, crystal floors dry, the salt air healthy and the temperature permanently at 58 degrees.

The story of this mine and sodium chloride deposit under South Detroit near the Ford River Rouge plant goes back 400,000,000 years, scientists declare.

"Geologists say this was part of a tropical sea," explains Foreman Norman M. Laidlaw, 34 years in the salt business. "Gradually the water evaporated and salt became increasingly concentrated. When all water evaporated this rock salt deposit was left, evidently in the sea's deepest section."

It was in 1904 that workmen began digging the mine shafts and five miles of tunnels.

Minute Make-Ups

By V. V.



IT SOMETIMES happens that you are just getting ready to go out and you find your hair all nicely slicked to your head with wave-set lotion, and the doorbell rings. Or you've got to run out on an errand, and you have looking like a wet rabbit. So keep a gayly colored flannel scarf handy by you, and wrap it like a turban.

(Illustrated by Western News Service, Union.)

Windjammer Returns to Service



Shipwreck of ship owned by the firm recalled to active service the four-mastered Swedish ship *Albatross*, which arrived at Boston recently with a cargo of cottonseed oil from Brazil, and was the first windjammer to make a commercial voyage to Boston since the World War.

U. S. INDIANS ENLIST FOR ACTIVE SERVICE IN ARMY

WASHINGTON.—Hundreds of Indians from every part of the United States are voluntarily joining the armed forces of the country, according to reports received by John Collier, commissioner of Indian Affairs. In addition to these, many others are preparing for defense service in technical capacities.

A typical incident reported is that of nine young men of the Sioux, employed as carpenters on a govern-

years later production began. Today the International Salt company takes 350,000 tons out annually—from 1,200 to 1,500 tons a working day.

Fabulous Experience.

A visit to the depths provides a fabulous experience. Descending 1,137 feet in an elevator normally used to bring salt-ton salt loads to the surface, the visitor comes out in a brightly lighted machine shop cut from solid salt. Busting workmen repair equipment.

Beyond the machine shop are underground corridors lighted only by occasional overhead bulbs. Fifty feet wide and 25 feet high, the corridors were blasted from 93.3 percent pure salt. Their walls are white but for occasional streaks of impurity—calcium sulphate.

Other corridors open at right angles from the main roadway, separated by salt pillars left intact to support the rock and earth above. Down the key passages stretch eight miles of electric railway track, used to carry salt to the cable elevator.

Here arms are armed at the St. Louis Cardinals training camp where an automatic pitching machine throws fast ones to players in the batting cage. The gun is shown below left beneath by scout Joe Mathias while peering inside the batting cage at the other end of the batting cage.

He Takes Own Radio, Is Jailed as Thief

SCRANTON, PA. — Thomas Mulqueen, 21 years old, was arrested charged with stealing a radio—his own.

Detective Martin Knight said Mulqueen placed his radio in a store to have it repaired but didn't have money to reclaim it. So, Mulqueen broke into the store, grabbed his radio and fled.

2,350,000 Babies Born in United States Last Year

WASHINGTON.—An estimate that 2,350,000 babies were born in the United States last year, the highest number since 1930, came today from the census bureau.

This was approximately 100,000 greater than the 1930 total and lifted the national birth rate from 17.4 to 18 for every 1,000 of population. The rate was the lowest in 1933, when it stood at 16.5.

Nevertheless, the bureau said that the long-range birth rate trend still was downward. It attributed the 1940 rise largely to the fact that persons born of marriages during the immediate post-World War period—which saw a sharp upturn in wedding—had reached the reproductive ages.

Another possible factor, the bureau said, was the increase in marriages which normally accompanies better economic conditions.

The increased birth rate was accompanied by a decrease in the infant mortality rate from 46 to 42.8 deaths for each 1,000 births. However, the overall death rate increased from 10.6 to 10.8 deaths for each 1,000 of population.

Chester the Pup

By GEORGE O. HALLORAN

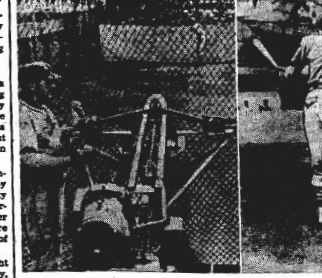
—NOW ITS ARC WELDING—



SOME bloke has been coming to the house nearly every night for the last week trying to sell Spatter-cous a correspondence course in arc welding. What a laugh! He needs a course in arc welding like he needs a broken leg, but the big hearted guy just can't say no. This salesman is a persistent blather.

ton. I've chewed his hat and rubbers, bid one of his gloves and even nibbled a hole in his brief case, but he keeps coming back for more. I bet he sells the course, and if he does I suppose there'll be more trouble. Last year Spatter-cous bought a course in tree surgery, but Clara made him give it up after a couple of months. She got tired of running around the block and looking up in trees to get him to come for supper.

(Reprinted by Western Newspaper Union.)



Surprised Sheep Herder Learns About the Draft

GLOBE, ARIZ.—The draft "I never heard of," said Sylvester P. Voll, 39-year-old sheep herder, when he returned to town for the first time in many months.

Voll explained to the Gila county board of supervisors that he had been herding sheep on a ranch near Hayden and had not seen a paper or listened to a radio in many months.

Voll not only had never heard of selective service but he doesn't even know whether he's an American citizen.

After the Selective Service act was explained to him, Voll said he guessed he'd register "right away."

In Oklahoma, 30 Comanches were selected from many applicants to form a unit apparently unique in military history. They are to be part of a special detachment to make use of the Comanche language in the Southwest.

The idea for this unit was suggested by an experience of the A. E. F. A front-line artillery unit, which was having difficulty in preventing the

enemy from intercepting and decoding its messages, used two Indian operators. They spoke in their own language and the enemy never succeeded in decoding the unintelligible sounds which came over the wires. The sounds are almost impossible to decode because this tribe has no written language. The Germans never could understand their messages. The device was used effectively in last year's maneuvers.

PATTERNS SEWING CIRCLE



AROUND THE HOUSE

Always polish furniture with the grain in the wood.

To tender meat should be cooked at a constant temperature of 350 degrees Fahrenheit.

Soap and water will remove ink stains from washable fabrics if stains are first soaked in milk.

Mirrors should never be cleaned with soap suds. The best results are obtained by rubbing them with a pair of whiting and water. Then polish with a dry chamois to remove the powder.

Grease can be removed from an iron by rubbing cornmeal over it.

Sauces shouldn't be added to boiled onions, cabbage or celery until time to serve.

To beat egg whites quickly add a pinch of cream of tartar before starting to beat. The eggs will show more quickly and hold their shape a longer time.

To remove a fresh grease spot from a rug cover with blotting paper and press with a hot flat iron. Cover the spot with powdered magnesia and rub off after a day or two.

Ask Me Another

A General Quiz

The Questions

1. Was Capt. Miles Standish one of the Pilgrim Fathers?
2. Who was killed by Aaron Burr in the famous duel?
3. What is the exact length of time taken by the earth in making its revolution around the sun?
4. Next to oxygen, what is the chief elementary constituent of the earth's crust?
5. The word guerrilla is derived from a Spanish word meaning what?
6. What President of the United States was born on July fourth?

The Answers

1. Capt. Miles Standish was not a Pilgrim, he was brought along for protection.
2. Alexander Hamilton.
3. The trip takes 365 days, 5 hours, 48 minutes and 46 seconds.
4. Silicon.
5. War (guerra).
6. Calvin Coolidge.

Poor Little SKINNY CHILDREN

look so poor, really can't get all the good things that children who take the Vitamin B Compound and Extra Strength for the Stomach and Bowels. That's been found helpful by many parents.

AT YOUR DRUG STORE

The Reaping

After a man has sown his wild oats in the years of his youth, he has still every year to get over a few weeks and days of folly—Richer.

THE SMOKE OF SLOWER-BURNING CAMELS GIVES YOU EXTRA MILDNESS, EXTRA COOLNESS, EXTRA FLAVOR

I STARTED SMOKING THE SLOWER-BURNING CIGARETTE FOR EXTRA MILDNESS AND FOUND A LOT OF OTHER SWELL EXTRAS, TOO. CAMELS ARE ACES WITH ME

AND 28% LESS NICOTINE

than the average of the 4 other largest-selling cigarette brands—less than any of them—according to independent scientific tests of the smoke itself.

THE SMOKE'S THE THING!

THE SLOWER-BURNING CIGARETTE

See Currier Test Pilot Bob Fosse—he tests new wings for America

Five Men Proved Ready to Profit by Judge's Advice

A judge was pointing out that a witness was not necessarily to be regarded as untruthful because he altered a previous statement.

"For instance," he said, "when I entered this court today I could have sworn that I had my watch in my pocket. But then I remembered I had left it in the bathroom at home."

When the judge got home that night his wife said: "Why all this bother about your watch—sending five men for it?"

"Good Heavens!" said the judge; "I never sent anyone! What did you say?"

"I gave it to the first one who came; he knew just where it was."

Most delicious "bag" of the season... quick and easy to prepare... economical... order, touring, from your grocer.

Van Camp's Pork and Beans

Feast for the Least

Virtue's Complexion

Once he saw a young blushing, and addressed him, "Compass, my boy; that is the complexion of virtue."—Diogenes Laertius.

MOROLINE HAIR TONIC

NON-SKID BOTTLE 10¢-25¢

Getting Started

The distance is nothing; it is only the first step that counts.—Mme. Du Defand.

On a 75-mile-an-hour run, I like this

Self-Starters Breakfast

under my belt!

says JACK SUMMONS

Railroad Engineer

"The Self-Starters Breakfast"

A big bowl of Kellogg's Corn Flakes with milk and sugar.

Grainies! FOOD ENERGY! VITAMINS! PROTEIN!

Plus the famous FLAVOR of Kellogg's Corn Flakes!

It's the reason you love it so much!

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Pattern 6002

THE knitted jersey—the well-dressed woman's standby for variety in her wardrobe. Add this one to yours—it's a simple pattern stitch that is done in a very short time, even by the beginner.

Pattern 6002 contains instructions for making the jersey in sizes 24-34 and 34-44. Instructions of 11 and of 12-14; material needed. Send order to:

Sewing Circle Needlecraft Dept.
22 Eighth Ave. New York
Enclose 15 cents in coin for Pattern No. 6002.
Name
Address

DON'T BE BOSSSED

BY YOUR LAXATIVE—RELIEVE YOUR CONSTIPATION THIS MORNING WAY
When you feel poor, headachy, legs do to drag—downbowls, do as millions do—take **FEEN-A-MINT** at bedtime. Next morning—through, comfortable relief, helping you start the day full of your normal energy and pep, feeling like a new man. **FEEN-A-MINT** doesn't disturb your sleep or interfere with work the next day. Try **FEEN-A-MINT**, the chewing gum laxative, yourself! It tastes good, it's handy and economical—only 15¢ a box. **FEEN-A-MINT** 15¢

Truth is Hard
Truth is tough. It will not break, like a bubble, at a touch; nay, you may kick it about all day, like a football, and it will be round and full at evening.—Oliver Wendell Holmes.

RHEUMATISM
PAIN WHERE IT HURTS
GOOD OLD **C-2223**
Small Beginnings
The beginnings of all things are small.—Cicero.

That Nagging Backache
May Warn of Discarded Kidney Action
Modern life with its busy and irregular habits, irregular eating and sleeping habits, and the use of stimulants, heavy strain on the work of the kidneys, may lead to backache and add to it the strain and strain of the day.

DOANS PILLS
WNU-7 14-41

Merchants
Your Advertising Dollar
buys something more than space and circulation in the columns of this newspaper. It buys space and circulation plus the favorable consideration of our readers for this newspaper and its advertising patrons.

LET US TELL YOU MORE ABOUT IT

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NATIONAL AFFAIRS

Reviewed by
CARTER FIELD

Defense workage due to strikes probably exceeds estimates . . . Delay in building cargo ships in U. S. increases starvation threat to England.
(Bell Syndicate—WNU Service.)

WASHINGTON. — The newspaper men who attend President Roosevelt's press conferences are getting a little tougher, as time passes, on the importance to national defense of the labor troubles in industries working on U. S. or British war orders. The President's retort about never more than one-quarter of one per cent of the defense production being tied up by strikes at any one time did not end the questioning at a recent conference.

Putting their heads together afterwards, a group of reporters decided that this "one-quarter of one per cent" was much more descriptive than anything the newspapers had printed. One reporter figured out that the Alle Chambers strike was tying up more than one-third of 1 per cent of all national defense orders.

Inasmuch as this one strike had been running for more than six weeks on the day the President made the statement, and inasmuch as there were quite a number of other strikes in national defense industries during that six weeks, it would seem that there must have been some rather extraordinary mathematics on the part of whoever gave the President that figure.

AND DELAY IS IMPORTANT
But there is another side to it, which has little to do with percentages. It may be very interesting to know the exact percentage in any given case, but a war is a contest in which one side usually wins, and the other loses. It is the question of whether either of the combatants makes a passing mark, as in an academic course.

To make the point clear in this case, let us assume for a moment that the possible invasion of the United States about which so much has been said does come about, and that the Gettysburg of this contest would be an air battle. Let us further assume that this air battle was desperately close—as indeed Gettysburg was—and that when it was over the winner had only a few scores of planes left, and the loser none.

Now let's go back to this strike situation. Suppose there is a strike in a factory making engines, or a plant producing the engines for the aluminum, or whatever. And suppose as a result of that strike this country has 100 less airplanes on the day of that battle than it would have had had there been no strike. It might easily make the difference between this country's being conquered and its emerging triumphant, and yet that strike might not figure as one-tenth of 1 per cent of our national defense production at the time it was raging.

Building Cargo Fleet Was Long Delayed
Perhaps the most curious failure to take time by the forelock in the whole defense situation has been the length of time it took the administration to come around to building a fleet of cargo ships.

The shipping problem was realized in September, 1939, more than a year and a half ago. It was known then, by both British and United States officials, that there was nothing more certain than that Germany's most effective weapon would be the destruction of shipping, with the hope of ultimately starving Britain out.

At that time no one, of course, foresaw the collapse of France, nor the seizure of Norway and Denmark, though the fate of Belgium was anticipated. Folks were instinctively following the pattern of the last war in their minds.

It was not realized that, with the collapse of France, and the seizure of Norway, the Nazis would have such favorable bases for both submarine and airplane attacks on shipping.

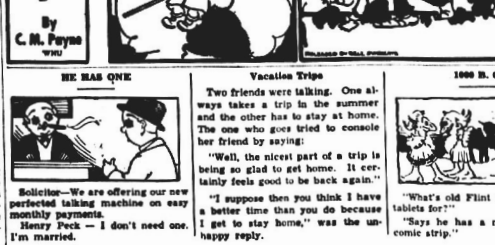
SLEEPING BECOMES ACUTE
But everybody knew that sooner or later the persistent sinking of merchant ships, just as in the last war, would bring Britain face to face with the danger of starvation.

Shrewd observers called the attention of this writer to the certainty that the shipping problem would become acute and these dispatches dwelt upon it in 1939. At that time it seemed inconceivable to these particular observers that this government would not do everything possible to get merchant ship construction going immediately.

This writer made a very bad prediction in these dispatches in 1939. He predicted that this would be done. It was not done. In fact, it has just begun to get beyond the planning stage, with the passage of a bill by congress authorizing the "start" on such a program. This bill provides for 300 ships. It is admitted that it will have to be followed by many other appropriations for ship construction.

OUR COMIC SECTION

Events in the Lives of Little Men



Historical Highlights

by Elmo Scott Watson
(Revised by Western Newspaper Union.)

First Presidential Death

ONE hundred years ago America was mourning the loss of their Chief Executive—William Henry Harrison. When he died on April 4, 1841, it marked the first presidential death in the White House and the end of the shortest presidential term in history—exactly one month.

Harrison was also the oldest man ever chosen to that high office. He was nearly 68 years old when he won his victory over President Martin Van Buren, candidate for re-election, in the campaign of 1840. The rigors of that campaign undermined his health and the long tiresome journey to Washington from Ohio, made by canal-boat and on horseback, told heavily on his strength. March 4, 1841, the day of his inauguration, was cold and disagreeable. While delivering his inaugural address, the longest ever given by any President, Harrison stood outdoors bareheaded. He caught a severe cold which developed into pneumonia and resulted in his death.

Despite the fact that Harrison is chiefly remembered as the leading figure in the exciting "Log Cabin and Hard Cider" campaign of 1840, he had many other real claims to distinction that are little known to most Americans. Born in Virginia February 9, 1773, the son of Benjamin Harrison, one of the signers of the Declaration of Independence, he became the ward of Robert Morris, the "Financier of the Revolution" after his father's death.

Prophetic of Harrison's later role in the development of the West was his determination to enlist in the army for service against the Indians in the Ohio country. Morris opposed this plan, but young Harrison

applied directly to President Washington and, although he was only 18 years old, he was commissioned an ensign. His gallant conduct during "Mad Anthony" Wayne's campaign won the favor of his commander, a promotion to a captaincy and command of Fort Washington, later Cincinnati, Ohio.

In 1790 Harrison resigned from the army but President Adams immediately appointed him secretary of the Northwest Territory. In 1800 President Jefferson made him the first governor of the new Territory of Indiana, an office which he held for 12 years. As governor he was also charged with negotiating treaties for the cession of Indian lands. It was his activity in this regard which caused the famous Shawnee chief, Tecumseh, to unite the tribes to resist further encroachments upon their hunting grounds.

But Tecumseh's plans were ruined when his brother, the Prophet, made a premature attack on the force of 1,000 soldiers which Harrison had assembled on the banks of the Tippecanoe river. That victory made the young governor a popular military hero. The War of 1812 added to his reputation, culminating as it did in his victory at the Battle of the Thames at which Tecumseh was killed. In 1816 Harrison was elected to congress and after serving one term retired from politics. However, he was elected to the senate in 1825, but during the administration of President Jackson, his fortunes, both political and financial, sank to such a low state that he was glad to accept a position as county recorder in order to support his large family. He was the father of 10 children, more than any other President before or since his time.

In 1836 Harrison returned to the political arena as the Anti-Masonic candidate for President. Although he received only 73 electoral votes, he appeared to be the strongest of Van Buren's prospective opponents. This belief was justified in the campaign, for he won the election by a narrow margin, and he moved into the White House for his short and ill-fated stay there.

Few of our Presidents have had more nicknames than William Henry Harrison. Because he had lived on a farm near North Bend, Ohio, he was called the "Hoosier Farmer of North Bend," also the "Buckeye Who Follows the Plow." Significant of his role in opening the Old Northwest to settlement were his two nicknames of "Hero of the West" and "Father of the Great West." But his favorite nicknames were those which reflected his career as a soldier, and an Indian fighter. "The Hero of the Thames" and "Old Tippecanoe."

NEW IDEAS FOR HOME-MAKERS

By Ruth Wirth Spawrs

Most of the quilts of today are planned as bedspreads and have a color scheme to harmonize with other decorations. If a variety of figured scraps are used in the piecing, one dominant plain color generally repeats in each block to give the design unity. Again, one color is combined with white throughout the entire quilt. Some quilts have elaborate pieced borders; others are finished with a band of white with the dominant color used as an edge binding. A blue striped material makes the border of the quilt in the Whirl Wind pattern shown here.

The beauty of any quilt is enhanced if it is set off with a valance around the bed. They knew this in the days of the four-poster and the rule applies still. The bed in the sketch had no particular tradition and the footboard was much too high to display the quilt spread to advantage. What a difference in the effect when the board was cut down and the crisp frills of dotted Swiss were added! Surely, any quilt that is worth piecing is worth this extra touch.

NOTE: If you have a bed of the type shown in the sketch, you may also want Mrs. Spawrs' three Favorite Quilts. One of these is a quilt, the other two are bedspreads. The other two patterns are the Whirl Wind and the Rainclouds. Set of these quilts with directions mailed for 30 cents. Send order to:

MRS. RUTH WIRTH SPAWRS
Bedford Hills, New York
Enclose 30 cents for Quilt 3 and 10 cents for set of 3 quilt block patterns.
Name
Address

HE FOUND A BETTER WAY
BETTER VISION
THANKS TO GUARDS WHO CONDUCTED THE EXAMINATION
ALL-STAR
AROUND 21K

THE BETTER WAY TO TREAT CONSTIPATION
DUE TO LACK OF PROPER SLUX IN THE DIET IS TO CORRECT THE CAUSE OF THE TROUBLE WITH A DELICIOUS CATHARTIC
ALL-STAR
IT EVERY DAY AND DRINK PLenty OF WATER

Apparent Sufferings
Present sufferings seem far greater to men than those they merely dread.—Livy.

St. Joseph
ASPIRIN
WU-14-41

Those Who Trust
The man who trusts men will make fewer mistakes than he who distrusts them.—Cavours.

GRAY HAIRS
Do you like them? If not, get a bottle of **Gray's Hair Preparation**. It is guaranteed to make your gray hairs turn black or brown as the natural color, or the color of your hair before. It is the only hair preparation that can be used on the scalp of any person, and it is the only hair preparation that can be used on the scalp of any person, and it is the only hair preparation that can be used on the scalp of any person.

Crime Everlasting
The punishment can be remitted; the crime is everlasting.—Ovid.

DISCOMFORTS
WU-14-41

COOLS
WU-14-41

MENTHOLATIN
WU-14-41

