



**JUNIOR SIZE ATOMIC BLAST . . .** These soldier observers are getting an eyefull of the junior-size nuclear blast in the latest atomic test in which the army participated. The atomic energy commission would not say how the blast was set off, whether dropped from a high-flying plane or set off on the ground. But the army expressed satisfaction in the results of the tests, held in Nevada. This explosion is believed to have started a new series of tests in the development of nuclear weapons for warfare. The huge mushroom was just a wind-swept cloud in less than one hour following the blast.



**SPY RING SMASHED IN GREECE . . .** An investigator comes through a hole into the underground hang-out of a Communist spy at Glyfada, Greece. The hideout was discovered by helicopter crewmen of the U.S. eighth fleet who were dispatched over a suspected area. The Red operator of two powerful transmitters was trapped in the vault and refused to emerge. He shot himself as officials finally entered the hideout after lifting a marble slab. Police confiscated considerable amounts of Communist documents which the operator had not burned. Glyfada is a seaside suburb of Athens. The fleet was visiting Greek waters.



**POLICE SEIZE HOLDUP SUSPECT . . .** Detectives George Daly and Howard Birch question Joseph Grillo in Newark city hospital where he was treated after jumping from a third-story porch at his home. He was wanted for questioning in connection with the shooting of Patrolman James Law during a night of five holdups by an armed bandit pair. Law was slain in the \$8,000 robbery of a food market in Newark. Grillo denied any knowledge of the shooting or the holdups for which he was held by officers.



**ROYAL NAVY GETS U.S. SKYRAIDERS . . .** An American Skyraider, first of a number of such craft being transferred from the United States to the British royal navy under the military aid program, is unloaded from the S.S. American Clipper at Glasgow, Scotland. British naval markings are already on the airplane. The American aircraft were formally handed over to the British by Rear Admiral W. F. Boone, deputy commander in chief, eastern Atlantic, in dock ceremonies.



**COMMON CENTS . . .** Brian Perrow, New York, knows there's a shortage of copper, so he converts his big cache of pennies into paper money at a penny party at his church. Keeping pennies in circulation keeps copper available for defense.



**BOOMS IKE . . .** Henry Cabot Lodge, Jr. (R., Mass.), the man who has been chosen to manage the Eisenhower-for-President campaign, speaks before 400 GOP women volunteers in Chicago. He predicts Ike will be a candidate.

**Television**  
**Small Towns on List**  
BILOXI, Miss.—Small cities are next in line for television stations, Wayne Coy, chairman of the federal communications commission, said in a recent speech at Biloxi.  
He did not know when the TV freeze would end, however.  
"Generally speaking, 'Small City, America,' will get new stations first," he said. "But even these grants will be slow because of a very limited FCC staff."  
He also said he was firmly convinced of the desirability of the use of television by educational institutions, but was concerned about the ability of institutions to get the wherewithal to finance the construction and operation of TV stations.

**Dyersville Called Ideal Location For Small Industry**

DYERSVILLE, Ind.—While many small town industries in the mid-west are busy turning out swords, one small factory in Dyersville continues its peacetime production of implements for turning the soil so important to its area and the people of the community.  
The Silver Streak Manufacturing Company has one product—a new edge for worn plowshares. A hard steel sleeve with a sharp new cutting edge, it comes in sizes to fit over any standard plowshare, from 10 to 18 inches long.

When the company started in 1939, half a dozen employees, using hand methods, turned out 125 to 150 edges a day. Now 33 employees are keeping a lot of automatic equipment busy, filling orders from dealers in 35 states and bringing added prosperity to the community of 2,100.  
Leo Osterhaus, partner in the firm and in charge of production, reports the small community is almost an ideal location for this growing business. "We're close to Chicago, where we get our steel, and we're on two main rail lines. A big motor express company has a dock right across the street, and a number of truck lines go through town. But most important, we're close to the farmers, and that's where we need to be, with our product."

In the last twelve years since the business began, farmers from coast to coast have seen fit to change their habit of taking dull and battered plowshares to the blacksmith to be hammered back into working sharpness.

The Silver Streak edge can be installed in the middle of the field, if necessary—no welding, no bolts, no lost time. Spring in the steel holds it on the old edge; pressure of the soil pushes the V-shaped sleeve tighter on the original share as it plows.

The main concern of the company that has become so important to Dyersville is obtaining high-carbon steel necessary for a sharp, long-lasting edge.

"We're running about 30 per cent behind our needs," says Osterhaus. "With luck, we'll come close to getting our requirements in the next few months."

**Billion in Bonds Was At Issue in Elections**

WASHINGTON, D. C.—Voters in America's home towns and cities were asked in the November 6 election to approve bond issues for various improvements costing \$1,151,149,000 a survey in the bond field revealed.

The proposed issues compared with \$957,765,410 worth of bonds submitted to voters at last year's election and with the peak of \$1,607,652,367 in 1949.

Well over half of the bond issues were for proposed new school construction. In all municipal construction building materials require authorization from the National Production Authority.

Bond issues were also voted on for the construction of sewers, water systems, street improvements, parks, playgrounds, parking spaces, schools, bridges, and in some communities town halls.

No record is available as to the total of issues passed, but in all probability it dropped well below one half.

**Influx of Atomic Plant Workers Crowds Town**

LIVERMORE, Calif.—Livermore boasted a 51.3 per cent population increase in 1950 over the 1940 census, but village officials report a steady influx until now the population numbers about 5,000. The 1940 census was 2,885 and the 1950 count 4,364.

Chamber of Commerce officials report the recent population growth is due to an influx of workers at the California Research and Development Company's atomic-energy plant and because of the reactivation of Parks Air Force base which will employ a permanent staff of 4,000.

Two other communities in the area have shown great population increases in recent years. Pleasanton's count increased 75.6 per cent and Hayward showed a population rise of 111.9 per cent.



CHRISTMAS DREAMS

**Decorative Effects May Be Obtained By Christmas Card**

The deluge of Christmas cards that descend upon the family during the holiday period can be used in many decorative and attractive ways.

One of the most interesting ways they may be used is the form of a mantel or door decoration. They can be attractively grouped together with ribbon and evergreen and add a festive touch to any room.

An eye-catching display can also



be arranged by taping the cards to the panels of an inside door and accenting with sprigs of evergreen and gay, colored Christmas-tree balls.

The big, wide Christmas cards that feature reproductions of famous paintings will show well if placed in bleached-oak frames and hung singly or in pairs in a narrow wall space. Six of them, in a panel arrangement, will give a center of interest to one wall. If you wish to really make a display, then thumb-tack the cards to cardboard cut in a tree shape and covered with gold metallic paper. Edge them with evergreen.



"THE FIRST NOEL"

The famous carol, "The First Noel" means the first Christmas and this holy anthem goes so far back into history that there is no record as to who wrote or when it was first sung.

An old belief is that the shepherds sang the verses to the music of the angels heralding the birth of Christ, but no one knows for sure.

The beautiful carol, however, has come to be one of the many important things that make Christmas the holy, celebrated season that it is.

Weeks before Christmas, from radios, from concert halls and from the throats of carol singers and just plain singers, the strains of the First Noel remind us all that the celebration of the birth of Christ is once more upon us.

**Christmas Eve in Syria Time for Earnest Prayer**

There is little merriment in Syria on Christmas Eve. It is more a time of prayer. In both Syria and nearby Lebanon, the Christmas season begins on December 4th and is not concluded until January 6th.

In these two ancient countries there is no Santa Claus. The Syrian believes his gifts come from the camel, for legend tells that the youngest camel to accompany the Magi was tired and weary upon reaching the stable at Bethlehem and the new-born Saviour blessed it and gave it immortal life. In the Lebanon district the "magic mule" is the gift bearer. Children sprinkle freshly mown grass from the threshold to their beds to entice the mule to visit them during the night.

All during the Christmas season, pilgrimages are frequently made from Syria to Bethlehem. Then, on New Year's Day, comes the celebrating. Presents are exchanged and children go from one house to another, receiving presents and gifts of money, like children everywhere.

**Great Is He Honored This Christmas Day!**

It is indeed significant, this birthday that is celebrated on the twenty-fifth of December!

It honors the birth of One who never delved into politics, who belonged to no party, political or otherwise. He led no revolutions, conquered no vast domains with mighty armies or eloquent words. He advocated little more than a life for salvation—and for that He was crucified on Calvary.

**FARM RESEARCH**  
**Lab Men Open New Markets For Farmers**

PEORIA, Ill.—Hundreds of small towns across the nation who depend on farming for their livelihood have reason to be thankful for a new field of endeavor—farm community research.

An example, the Agriculture Department's Northern Regional Research Laboratory in Peoria, employing 300 persons, busy themselves with expanding the utility of such things as corn, wheat and soybeans.

From corn the laboratory has made a product called Vicara from which sweaters have been knitted and for which there was great demand until withdrawn from the market a few weeks ago.

And insurance agents may turn a more kindly eye toward home town garages and maintenance shops as a result of the laboratory's development of a new method of cleaning engine parts. It uses a grit made from ground corncobs, rice hulls, fruit pits and nutshell.

**Study Wheat Varieties**

Most garages clean auto engines by dousing them with gasoline, naphtha or a commercial solvent. There is often a high element of danger in this process. Sandblasting is impractical since sand is a harsh abrasive. So the laboratory developed the method of simply using soft grits in place of sand.

The northwest wheat farmers may benefit from the laboratory's work. These farmers grow several varieties of soft and semi-hard wheats which give especially good crop yields and are strongly disease-resistant.

Millers, however, don't like these wheats. They give fluffy stocks, don't sift through bolting cloth easily and slows down the milling process.

The laboratory is studying the problem and will eventually come up with a solution.

**Developed Penicillin**

Other products of the laboratory include a starch sponge which is now being produced by pharmaceutical houses for clinical testing as a hemostatic agency.

When you swallow a penicillin tablet on your doctor's orders, you may not be aware of it, but the mold which yields the largest amounts of this antibiotic was discovered on a cantaloupe from a Peoria market. That particular mold is one of 6,250 varieties housed in six large refrigerators in the laboratory, comprising the world's largest collection of yeasts, molds and bacteria for industrial uses.

**Educators Study School Bus Safety Problems**

WASHINGTON, D. C.—Newer and safer transportation for the 6,000,000 home town and rural children riding school buses was discussed by 75 educators, transportation experts and bus manufacturers at a recent meeting in Washington.

Approximately 100,000 buses are driven an estimated 4,000,000 miles each year in transporting children between their homes and schools, according to H. C. Bleckschmidt, conference chairman.

Since the first set of standards for school bus transportation was developed in 1939, more than 40 states have adopted the standards wholly or partially in their school transportation systems.

The committee studied ways to protect children from pinched fingers, skinned knees or more serious injury.

Bleckschmidt reported that the need for better school transportation has increased as the highways throughout the nation have improved. Another factor is school redistricting which has brought about a greater demand for school transportation as children attend consolidated schools.

The tentative minimum standards worked out by the interim conference will be presented to a full scale conference of educators, transportation experts and others interested in school transportation. Bleckschmidt emphasized that the goal of his committee is to raise the standards of school transportation in all home town communities.

**Remote Michigan Town Gets Its First Telephone**

GAY, Mich.—The remote community of Gay has its first telephone.

Less than 200 people live in the community now, but it was once a thriving copper mill town. For the past 50 years it has got along without a telephone.

Old-timers can't explain how they fell behind the times. And they don't think it at all unusual that the community was to mine and sell millions of dollars' worth of copper without benefit of the telephone.

They do appreciate the new contact with the outside world, although they admit it will take a little time to get used to the instruments. The heavy winter snows in the area used to cut the community off entirely.

"Now it seems like we're part of the state of Michigan," said one resident.

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**SANTA CLAUS IS COMING!**

Yes, the old boy's beginning to pack the sleigh and soon he'll be on his way. Ordinarily that's as happy a thought as you could have —But if you've got a long Christmas list and a short shopping time, well, old Santa's impending appearance can cause you much apprehension. However, it needn't do that. You see, the cigarette smokers on your list will be delighted to receive king-size Cavalier Cigarettes this year—and the pipe-smokers and "roll-your-owners" will be grateful that you remembered to give Prince Albert, America's most popular smoking tobacco! As for gift packaging, extremely mild Cavaliers come all Christmas in their bright, gay carton . . . while Prince Albert, in the pound size tin, is boxed beautifully in full holiday colors with the card built in. So, let Santa Claus come. You're ready for him, with Cavaliers and Prince Albert, now available at your dealers! These are time-saving, money-saving gifts — the kind you'd enjoy receiving yourself. Extremely mild Cavalier Cigarettes, a n d Prince Albert, the National Joy Smoke. "The bite's out and the pleasure's in!" —Adv.

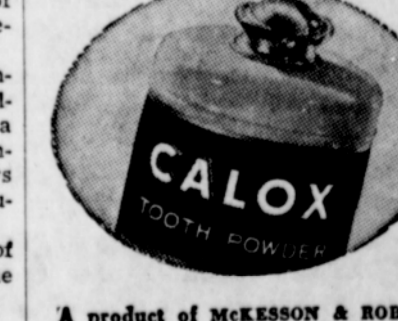
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