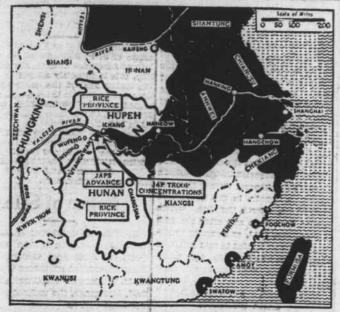
**WEEKLY NEWS ANALYSIS** 

Super War Board Spurs National Effort; Russians Press New Caucasus Drive; Dual-Threat Allied Bomb War Blasts Nazi War Plants and Italian Ports

(EDITOR'S NOTE: When opinions are expressed in these columns, they are those of Western Newspaper Union's news analysis and not necessarily of this newspaper.)



Up the Yangtze river toward China's capital Chungking a powerful Jap offensive had moved. The area in black on the map above indicates the forward extent of the Jap movement. Although Chinese troops succeeded in blunting the drive at various points, the menace to China's future participation in the war still remained.

MOBILIZATION:

hitherto undreamed of.

Super Board Formed

President Roosevelt's appointment

of James F. Byrnes as director of the newly formed Office of War

home front would be marshalled be-

hind the war program on a scale

Coming after the historic series of

conferences between the President

and Prime Minister Churchill of Brit-

ain the establishment of the Office

of War Mobilization marked a sig-

nificant milestone. For now the re-

sponsibility for production, procure-

ment, transportation and distribu-tion of military as well as civilian

supplies, materials and products was

vested in one man-James F. Byrnes

and the committee working with him. That committee included Sec-

retary of War Stimson, Secretary of Navy Knox, Harry Hopkins and WPB Director Donald M. Nelson and Judge Fred M. Vinson who succeeded

Byrnes as economic stabilization di-

After the Nazis had tested the

Reds' mettle on four separate sec-

tors from Veliki Luki on the north

to the Caucasus on the south, the

Russians themselves provided the fireworks by hurling 150,000 infantry

and tank men in a vast assault against the Axis Kuban lines in the

While early Russian accounts of

this movement were characteristi-

back more than a mile on the Kuban

front protecting Novorossisk and added that Nazi defenses were tak-

ing a terrific battering everywhere

along their last remaining Caucasus

foothold. Berlin said the Reds em-

ployed 10 divisions, at least 170 tanks, 200 planes and strong artillery

forces.
Whether this Russian move herald-

ed the long-awaited summer battle

was still a matter of conjecture among observers.

Unification of French leadership

with all conflicting forces submerged in the grand task of liberating the

empire was a dream that had had

many nightmare interruptions. But

dent among the Giraud and De-Gaulle forces themselves and with

persistent urging from the United States and Britain, the dream had

become a reality.

Gen. Charles DeGaulle, Fighting

French leader, hailed the new era

in a radio broadcast on the eve of his historic trip from London to Al-giers to meet General Giraud.

of difficulties . . . then one's respect for France and one's faith in

her destiny will become even great-er . . . We have paid heavily enough

for our absurd division to be con-

vinced we shall emerge from the

abyss only by uniting.

with a spirit of give and take

French Leaders Agree

Red Power Rises

Mobilization meant that now

### **Bombs Move Factories**

As Allied bombers continued to plummet destruction on Axis Euro-pean industrial and transportation centers, evidence mounted that the Nazis were seeking to cushion the impact of these raids by moving their war industries to less vulnerable spots in Hungary, Czechoslovakia and Austria.

The dispersal of German industry eastward was further indicated by the fact that Allied reconnaissance had disclosed no effort to repair or clear such key installations as the Focke-Wulf aircraft works in Bremen or the Renault plant near Paris wrecked by Allied bombs weeks ago.

Grimly and steadily, however, the Allied airmen continued their mission of disaster as Axis city after city was checked off the schedule. Examples of this thorough job were Dusseldorf and Dortmund, coal and transportation centers of northwestern Germany, where 4,000 tons of bombs were dropped on successive nights by the RAF. The munitions-making city of Essen was likewise blasted again, while daring RAF Mosquito bomber pilots penetrated to the central German city of Jena, home of the Zeiss factories making optical instruments for the Nazis.

Meanwhile, invasion's prelude was paced by a series of port-wrecking raids by U. S. and British planes from French Africa on Italian shipping cities.

# Jap Drives Menace

cally laconic, a Berlin radio dispatch conceded that the first Russian Chinese official observers had freuently warned United Natio quarters that a collapse of their re-sistance against Japan was possible unless Allied air and military aid was speeded up. The stark truth of these warnings

became evident as a four-pronged Japanese drive along the Yangtze river had reached within only 275 miles of Generalissimo Chiang Kaishek's capital of Chungking.

Doggedly the Chinese defenders

had contested every mile of territory with the invaders, even winning lo Ichang where Chiang's soldiers had

blunted the enemy drive. But the threat of Nippon's might was still poised within striking dis-tance of Chungking and the Allied high command still faced the problem of abating that threat.

# RUBBER:

# Strikers Go Back

Back to their jobs in Akron, Ohio, streamed 51,500 rubber workers following a curt ultimatum from Presi-dent Roosevelt that ended a five-day strike stopping essential wartime

rubber production.

Terming the walkouts "inexcusable" and a "flagrant violation of the no-strike pledge," the President had warned that "necessary steps would be taken to protect the nation's interests" unless the strikes were terminated. The President actual after the dispute was cartified to rubber production. ed after the dispute was certified to

him by the War Labor board.

Earlier, national CIO officials had urged the strikers to return to their

#### CASUALTIES:

### U.S. Losses Light

Balancing Axis versus American easualties in the Tunisian campaign, secretary of War Stimson found the scales overwhelmingly in favor of the United States. The North African victory cost the United States 18,558 casualties, including 2,184 killed, 9,437 wounded and 6,937 missing or taken prisoner.

Axis casualties amounted to 323,-000, or 18 times the American total. German and Italian losses included 30,000 men killed and 26,400 wounded, with another 266,000 taken pris oner. In comparison, over-all Allied losses were less than 70,000.

In addition to prisoners, the Allies captured tremendous quantities of military supplies, including large numbers of aircraft and many naval vessels, he said. Despite small American losses Stimson said the Tunisia campaign had developed nothing to cause the high command to reduce its manpower estimates under which the army is expected to

### ALEUTIANS:

#### Cleanup on Attu

Even as a senatorial committee was digesting a report that Japan would send a naval and land invasion force against continental United States this summer, American forces in the Aleutians were pursuing a relentless cleanup of enemy detachments on Attu island.

Purveyor of the tidings of Jap of-fensive intentions was Kilsoo K. Haan, Washington representative of the Korean National Front federation, who had established a record for prophecy by warning two months in advance of Jap plans to attack Pearl Harbor. Burden of Haan's report was that Admiral Tojo had disclosed plans for this offensive at a party in Tokyo at which .Korean spies had been present.

In the Attu engagements, bayonets and hand grenades in the hands of American infantrymen had taken the place of trench mortars and automatic rifles, as the few resisting enemy were pressed into a narrow area from which escape was impos-

#### WHITE HOUSE: African Precedent

The late Booker T. Washington had been a dinner guest of Presi-dent Theodore Roosevelt in 1901, but Edwin T. Barclay, president of Liberia, was the first member of the Negro race to spend the night in the White House as the nation's

guest. Head of the Negro republic of Liberia founded by repatriated African freemen after the Civil war, Barclay was repaying President Roosevelt's visit to him after the Casablanca conference last January. Including his meeting with high government officials and members of the cabinet, as well as his address before the house and senate, President Barclay received the full hon-ors accorded all top-ranking foreign

#### RAIL WAGES: Nonoperators Upped

Wage increases of eight cents an hour recommended by an emergen-cy fact-finding board of the National Railway Labor board panel for more than 900,000 nonoperating employees will increase the rail industry's annual wage bill by approximately tation sources estimated.

The 15 nonoperating unions had asked an increase of 20 cents an hour, with a minimum wage of 70 cents an hour and the union shop The board declined to recommend these proposals. Subject only to approval by Stabilization Director James F. Byrnes, the board's recommendations were retroactive to February 1.

The wage increases, a report of the board said, are "the minimum noninflationary adjustments neces-sary to correct gross inequities and to aid in the effective prosecution of

# 'NEW DIKES':

# To Stem Inflation

From the obscurity in which his retirement had shrouded him, Leon Henderson, former OPA director, emerged to warn the nation that "another set of dikes" is needed to dam what he called the rising tide of threatened inflation in the United

"New dikes, new types of controls, new kinds of exercise of power over production and distribution and over credit are bound to be needed," he said in a speech before the National Association of Purchasing Agents'

"Union of the empire will be ac-complished," he said. "When it is realized how this is done in the face Henderson declared that if congressional, private or executive action "are insufficient to dam the flood of hot spending power," a credit con-trol agency "is plainly indicated and cannot long be avoided."

# No End to Wonders! Dehydration Packs Tasteful Dinner Into Vest Pocket; Field Crops Are Source of Plastics

Drying Removes Water and Air From Produce While Retaining Nutritional Values; Milk Now Turned Into Kitchen Curtains; Cull Potatoes Into Fuel Alcohol.

American agriculture will emerge from the war with a new pattern of crop production that will not only give us everything we eat and wear, but provide much of the raw materials used in

During World War I, the emphasis was on the production of cereal crops. Today, although cereals are essentially necessary, heavier emphasis is being placed on dairy products, meats, vegetables, eggs and oils. If the present trend continues, American milk goals in the reconstruction period will be double our present output of 122 billion pounds a year. The nation's farms will be permanently producing more meat and eggs, more vegetables and more oil-yielding crops such as soybeans.

Two developments are credited with adding impetus to the new farm production trend. Both have been spurred by scientific research and the necessity of meeting wartime problems. One is dehydration, or the dry preservation of food. The other is chemurgy, or the science of transforming farm crops into industrial

Dehydration is not new. In fact, it is as ancient as the sun that has been drying the water out of things for ages. But to the old dehydra-tion processes have been added new techniques that have so revolution ized its future possibilities, some economists predict that food dehydration plants may become as agricultural areas as canneries and condenseries are today. An idle dream, you say? Not so idle, perhaps, when it is consid-ered that there are more than 200 dehydration plants in the United States today, compared with only five in 1940.

J. B. Wyckoff, of the Agricultural Marketing administration recently estimated that the United States will dehydrate vegetables at the rate of 350 to 400 million pounds in 1943 as compared with 100 million pounds in 1942. Yet last year's totals were seven times the 1940 volume.

"To meet the 1943-44 dehydrated food requirements as presently known," he added, "will require every third egg, and one out of every 12 pounds of whole milk produced. Requirements for dehydrated meat, practically non-existent a year ago, will be approximately 60 million pounds in 1943."

# Dehydration Saves Shipping.

The remarkable impetus given dehydration grew out of a shortage of shipping space, cans and containers, to meet lend-lease demands and the food requirements of our fighting Allies. One ship loaded with de-hydrated food can carry upward of 10 times as much food as a ship loaded with bulk food.

Improvements in dehydration echnique have followed two major trends. One has been to compress the food into an incredibly small space. The other has been to pre-serve the food's palatability and nutritional value.

Many foods normally average 90 per cent water. Dehydration as originally practiced meant remov-ing most of the water. Now the food is not only dehydrated but "debulked" as well, by having the air pressed out of it. The result is food compressed into blocks or brimore shipping room than a package a year.

Typical food volume reductions



The scientist teams up with the farmer in ushering in new era of agricultural production.

pression are: sauer kraut, 90 per cent; cabbage, 80 per cent; potatoes, 75 per cent; onion, beets and carrots, 65 per cent; onlon, beets and carrots, 65 per cent; egg powder, 50 per cent; hamburger, 50 per cent; dehydrated soups, 50 per cent. One pound of potato bricks yields 24 helpings. A five-gallon container of dried tomatoes swells to a quarter of a ton when water is added. Dehydrated Foods Flavorful.

As contrasted with their crude predecessors of World War I, to-day's dehydrated foods are flavor-Dunked and cooked in water, these foods emerge with almost no sacrifice of flavor and with practically no loss of proteins, carbohy-drates, and minerals. They suffer no greater loss of vitamins than when occurs when fresh vegetables

stand for a time in a store. Hence it is no surprise that American soldiers can relish scrambled eggs made from a dehydrated powder. Or that Englishmen eat and like meat loaves and stews that crossed the Atlantic as tiny shreds of dried meat. Thus milk, butter, citrus juices, as well as potatoes, peas, spinach and a host of other food products are being successfully dehydrated.

quettes. Thus it is possible to have has already caught hold with the cia vest-pocket serving of meat, carrots, cabbage, milk and eggs that would provide all the elements of a hearty meal and yet take up no

If dehydration offers challenging



Corn from the field is manufactured into a substitute for tinfoll, a quick-drying printing ink or a wallpaper coating under the transforming magic of Chemurgy. Or thanks to the new science of Dehydration it is compressed to only a fraction of its weight and shipped overseas to feed our armed forces.

opportunities as a contributor to fu-ture farm prosperity.

Already the products of 40 million acres of American farm land are go-ing into our industrial plants. And this is but the beginning. Already chemical engineers have come to think of all America as an industrial farm and of farm products as the raw materials for factories.

Perhaps the classic example of chemurgy's effort to turn farm crops into vitally needed industrial products lies in the field of synthetic rubber. It took the world a century to raise the production of crude rubber to a billion tons a year. The United States now expects to develop a like capacity for synthetic rubber—much of it is made from corn and other farm products —within the next year and a half.

The chemurgic scientist busy among his test tubes performs such miracles as turning milk into kitch-en curtains; corn into a tinfoil substitute; sunflowers into paper; sor-ghum into insulating board; barley and sweet potatoes into ethyl alco-

Furfural made from oat hulls is now being used in oil refining and in the processing of wood resin. Anti-freeze fluids and fuel alcohol come from cull potatoes. Glycerol from animal fats is being used in the production of dynamite for the production. war purposes. Then there is Zein, a protein product of corn starch which lends itself to the manufac-ture of yarn, buttons, wall-paper coating and quick-drying ink. Soybean Source of Plastics.

In the field of plastics, gluten, a residue of corn, is being effectively used, as is casein, a by-product of milk. But perhaps the biggest con-tribution to plastics is being made by soybeans. Thanks to soybeans, the automobile of the future may be grown from the soil. Already, gear shift handles, steering wheels, win-dow frames, distributors and a considerable variety of other parts are made of soybeans. The basic molding material for numerous plastics is a soybean compound. Thus radio cabinets and plumbing fixtures in postwar America may be merely a mold of soybean cakes.

Yes, farms can be made the source of our future prosperity. Sci-entists and industrialists can get farm materials from which to make new commodities and promote in-creased factory production from which prosperity springs.

In this era of definitely new agricultural development, one factor will loom big in determining success or failure. That factor is productivity of the soil. For the extent to which our farms can continue to yield crops for the new dehydration industry, for chemurgic utilization into industrial products or to help feed the world in the critical postwar period, will depend on the fertility of the soil that produces those crops.

Vincent Sauchelli, agricultural re-search expert of Baltimore, Md., in an address before a Farm Chem-urgic conference once said: "Chemurgy can succeed only on farm land where plant foods are returned to the soil in the form of commercial fertilizer at a rate which at least balances the amount removed each year by growing crops and live-

"One of the significant steps forward," he added, "is that which helps the farmer learn more about his particular soil and its plant food needs. State agricultural experiment stations are prepared to assist farmers not only in soil tests to determine the proper fertilizer analyses for various crops, but also inform them on the placement to insure best results."

The importance of Mr. Sauchelli's observations is evident when it is considered that after the war America will be faced with the greatest soil rehabilitation job in its history. This is because vast wartime farm production demands are draining fer-tility resources on an unprecedented scale and because fertilizer applications at present cannot balance

"Growing crops to win the war is, of course, the farmers' No. 1 job," said a statement of the Middle West Soll Improvement Committee. "A heavy draft on the farmer's 'sav-ings account' of plant food elements is a relatively small contribution to victory, if proper steps are made to repay the borrowed soil wealth when the war is over."

# Who's News This Week

NEW YORK.—Some day a hard-pressed U-boat commander may surface to find a dozen airplanes riding herd on his craft in mid-

Looks as If This ocean. If he finds, in ad-Backer of Blimps' dition, a Moment Is Nigh mother blimp drifting aloft until her birds do their job

and come back to roost, all the blame will be Rear Admiral Charles

E. Rosendahl's.
Rosendahl, a captain but up for promotion, has been ordered back to his favorite post, the Naval Air Station at Lakehurst, N. J., after a tour of sea duty. All through this war he has been asking for blimp plane-carriers.

Since the wreck of the Shenan-doah Rosendahl has been accepted as one of the best informed men on lighter-than-air craft. When that big dirighle broke in two he drifted away in the bow section, no motors, no rudder, no anything. He and a few helpers free-ballouned the fragment until he could land her.

Rosendahl is a Chicago-born citizen of Texas who finished Annapolis in '14, served eight years on surface craft and then volunteered for a tour at Lakehurst, then as now the navy's chief station for experiments with dirigible.

dirigibles.

He helped develop the stationary and mobile stub masts, he worked out mooring problems and ground-handling and he never stopped preaching the virtue of the big gas hags.

For a long time, catastrophes, such as the loss of the Los Angeles, the burning of the Hindenburg and the Shenandoah accident kept him from Shenandoah accident kept him from getting far. But now congress has ordered 200 blimps for anti-U-boat

Y EARS ago the Kansas City base-ball team was in a slump and had no bat boy to boot. Somebody remembered a smart kid making Bat Boy to Baker sandwiches in the re-In 13 Steps; Now freshment Deputy Food Chief stand. That team sprayed hits all over, won hands down and the kid got a steady job, though he had to quit finally because he needed more money.

Now the War Food administration, judged by some to be slumping and certainly lacking a deputy administrator, remembers the same kid, a solid citizen these days, and E. Lee Marshall is drafted again. Since the old Kansas City days, Marshall has held a baker's dozen of jobs and in his last was, actually a baker. He quit the chairmanship of the Continental Baking company to go with the food company to go with the food administration.

He was born on a Missouri farm 58 years ago. When he was only 20 years old he owned his own food brokerage company. Later he man-aged a bakery, and after a merger was called east to become, eventu-ally, head of Continental.

tened at the tip lends an accent of good nature to his round aggressive face. On his family tree is a notable ancestor, John Marshall, first chief justice of the Supreme court.

In This year of grace the Bellamy blueprint for Utopia is like Hit-ler's uglier new world, behind sched-ule. After "Looking Backward"

75, He Heads Big reached its first wide-Project for Less eyed readers
Than \$1 Per Year 1888, figured

that 50 years would be plenty for his happy revolution. Fifty-five have rolled along and we haven't even those superheterodyne houses, stateowned and suited to the tenant's "taste and convenience wholly."

Closest to them, maybe, are the different but promising projects of the private enterprise Bellamy snubbed. Consider the huge new construction with which the Metropolitan Life Insurance company and Chairman Frederick H. Ecker, mean to rerive a blighted East side area on the still far from Utopian island of Manhattan.

This will be a major unit in a

This will be a major unit in a nation-wide apartment community program that Chairman Ecker is directing at the age of 75. And he is working for nothing.

He is working for only a little less than he got when he joined Metropolitan 60 years ago. He was a \$4 a week office boy then. At 20 he had charge of all the company's real datate transactions and later was the treasurer and finally, president.