

BUILDERS START CONCRETE WORK ON SHASTA DAM

Actual Building of Second Largest Masonry Dam in World Is Now Underway

Sacramento, Cal. (Sp)—Actual building of the second largest masonry dam in the world, as a water conservation structure for one of the nation's most important agricultural areas—the central valley of California—began on the upper Sacramento river near Redding July 8 when the first concrete was placed for Shasta dam and power plant.

Walker R. Young, supervising engineer of the United States bureau of reclamation, revealed that almost 4,000,000 cubic yards of earth and rock have been removed from the site since work was started in September 1938 and that some portions of the exposed bedrock had been approved for concreting.

Mr. Young said concrete placement also was to begin soon on Friant dam, the other central valley project storage dam located on the upper San Joaquin river near Fresno. Friant will be the fourth largest concrete dam in the world.

Special Cement Plant
Preparatory to concrete placement at Shasta, trainloads of cement have been shipped in from the specially-built cement manufacturing plant near San Jose. Thousands of tons of sand and gravel have been delivered from Redding via the 10-mile belt conveyor system which extends over the hills between the aggregate processing plant and the dam site.

The 6,000,000 cubic yards of concrete to go into Shasta dam and power plant will be placed by a huge cableway system centering around a 460-foot high structural steel-head tower located just upstream from the axis of the dam on the west abutment.

Five of the seven cables have been strung, three of them a half-mile long and the other two about 1,800 feet long. They extend from the top of the head tower to smaller movable tail towers which travel on curved runway tracks on the east side of the river.

The fresh concrete, mixed in a five-unit plant alongside the head tower, will be moved out to a loading dock by an "end-

less" railway operating on a circular track, then transferred into big buckets which will be picked up by the cables, carried to any part of the dam site, and dumped into place as needed.

"Dental Work" for Dam
What construction men call "dental work"—that is, gouging out soft spots in the exposed foundation—has been in progress for some time. To complete the cleanup, workmen have been barring off every piece of loose rock in sight and washing the excavated foundation, using hydraulic monitors or high pressure nozzles mounted on tripods.

To seal the foundation, preliminary low pressure grouting has been completed on portions of the dam site. This is a process of forcing a mixture of cement and water, or grout, into specially drilled holes to solidify all the tiny seams and cracks in the natural rock. The preliminary grouting has been done to a depth of 20 to 60 feet. Mr. Young said that after the dam is partly completed, additional intermediate and high pressure grouting of the foundation will be done to a depth of at least 200 feet.

FARMERS OF IOWA LEAD IN INCOME

Washington, July 9. (P)—Iowa farmers led the nation last year in gross income, with Texas second and California third.

The bureau of agricultural economics reported today that the Iowa income totaled \$696,192,000, Texas \$646,208,000, and California's \$590,550,000. The figures included cash income from marketings, government payments, and value of products kept for farm consumption.

Gross income figures for other states included: Montana, \$105,398,000; Idaho, \$101,127,000; Wyoming \$86,380,000; Washington, \$161,960,000; Oregon, \$119,932,000.

RED CROSS CHAPTER WILL MEET JULY 18

Annual meeting of the Jackson county chapter of the American Red Cross will be held at 12 noon Thursday, July 18 in the Hotel Medford.

New officers and advisory board are to be elected. George T. Frey is chapter chairman now.

All members of the Red Cross are invited to attend. Persons who contribute to the Red Cross for membership cards are members.

NORTHWEST GRAIN YIELD PER ACRE WILL SET RECORD

Total Prospect for Area 119,792,000 Bu. Compared With 104,255,000

Portland, Ore., July 9. (P)—The Pacific Northwest apparently is facing one of the largest per-acre yields of grains in its history.

Hyman H. Cohen, market editor of the Oregon Journal, returning from a 3500-mile tour of producing areas in Oregon, Washington and Idaho, and touching northern California, reported today:

"The season of 1940 will not show the greatest output of grains and breadstuffs in history for the Pacific Northwest trio of states, but it will show one of the biggest, if not the biggest, production per acre. The drawback to producing the greatest total volume is the decreased area of wheat, which is created by action of the government itself through the U. S. department of agriculture."

Big Supply of Food
Mr. Cohen said he found that the area, through its grain fields, orchards and farms, generally "is in a position to supply the most intimate food needs of a very large percent of the world."

He placed the total grain prospects at 119,792,000 bushels compared with 104,255,000 bushels for the larger increase of 1939, and 131,652,000 bushels for the much greater area planted in 1938.

His estimate of wheat production, including nearly every important producing section in the Northwest except extreme south Idaho, was 80,000,000 bushels — Oregon, 21,245,000 bushels, Washington, 38,742,000, and Idaho, 21,183,000 bushels.

This yield is expected if recent favorable weather conditions continue, he explained. "If extreme dry winds come," he continued, "the crop will be maybe 10 per cent less if there is practically a full output of spring wheat — which could happen if the growing season is abnormally long — then the output may be 15 per cent larger than currently shown."

BIG TRUCK LINES SEEK EXPANSION

Portland, Ore., July 9. (P)—Two of the west's biggest freight truckers sparred today for interstate commerce commission sanction to serve territory now served by the other.

ICC Examiner C. I. Kephart of Washington, D. C., opened hearing yesterday on the application of Consolidated Freightways to extend services from Marshfield, Medford, Klamath Falls and Lakeview over four routes to San Francisco, Oakland and Sacramento.

At present Consolidated Trucks freight to these Southern Oregon points where its rival in the hearing, Oregon-Nevada-California Fast Freight, Inc., of San Francisco, picks it up and takes it south.

Fast Freight, Inc., countered the Consolidated application with a request for a permit to extend its California service into Oregon and Washington.

DRIVERS IN MISHAPS FOUND EXPERIENCED

Salem—(U.P.)—Records of the secretary of state's office show that the bulk of drivers involved in auto accidents have had at least six years of driving experience.

In most instances, the records show, drivers and pedestrians are apparently normal at the time of the accident. Drinking, mechanical defects and law violations cause only about 10 per cent of the mishaps.

Use Mail Tribune want ads.

TWO MAGAZINES CARRY YARNS BY LOCAL WRITERS

Liberty Has Story by Helen Hedrick—Life Story Has One by Eileen Reinking

Two Medford writers are represented in internationally-distributed magazines that will reach the newsstands this week.

In the July 20 issue of Liberty, available here Wednesday, Helen Hedrick's latest short story, "They Sing and Go Away," will appear. Mrs. Hedrick, who resides at 503 South Oakdale avenue, has had her short stories published regularly in the Saturday Evening Post, Colliers and Liberty for the past couple of years.

In the August number of Life Story, due on the newsstands Friday, Eileen Reinking will have another of her absorbing true-life stories. The author resides at 28 Washington street.

Mrs. Reinking's latest story is titled "He Led Me Into Crime" and appears on page 26 of Life Story under the name of Isobel McCoy, principal character, who tells of her dramatic career through Mrs. Reinking. Isobel is the girl whose young husband committed a number of robberies here a few years ago. The story is replete with photographs, some of Medford scenes.

STRATOLINERS SET CONTINENT MARKS

New York, July 9. (P)—A giant, new air transport, called a stratoliner, roared into La Guardia field at 9:29 a. m. (EST)

today to set a new west-east transcontinental record for commercial planes.

It had taken off from Burbank field, Los Angeles, at 9:15 p. m. (EST) last night and stopped briefly at Kansas City on its flight through the so-called stratosphere — an altitude of about 17,000 feet. It was an hour and eleven minutes ahead of schedule.

The 4-motored Boeing, a 23-ton, \$450,000 craft, spanned the continent in the elapsed time of 12 hours, 14 minutes; the former eastbound transport record was 18 hours, 42 minutes.

A sister ship reached Los Angeles from New York at 7:42 a. m., PST, today, in the elapsed time of 14 hours, 9 minutes, also a new westbound record.

Both inaugurated TWA coast-to-coast passenger flights at the new high level.

going, even should invasion come. BBC representatives in this country report.

These underground studios, it is explained, are so constructed that artillery could be in action overhead without disturbing a broadcast. Locations of the studios are kept secret.

Tonight: Europe, CBS 4:55, 6:30; MBS 5, 6; WJZ-NBC 6. WABC-CBS—6:15 Sen. J. M. Mead on "America's preparedness program"; 7:45 Gen. Geo. C. Marshall and Adm. Harold R. Stark on defense.

WJZ-NBC—5:30 Former Sec. of War H. H. Woodring on "viewpoints of national issues" before Topeka, Kan., chamber of commerce.

Fall From Tree Fatal
Vancouver, Wash., July 9. (P)—Jack Egan, 65, manager of the local state liquor store, fell to his death from a walnut tree in his yard yesterday. He lost

his balance while trimming the tree and suffered a fractured skull.

New Under-arm Cream Deodorant Safely Stops Perspiration



1. Does not rot dresses, does not irritate skin.
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3. Instantly stops perspiration for 1 to 3 days. Removes odor from perspiration.
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39¢ a jar. At all stores selling toilet goods (also in 10¢ and 5¢ jars).

Radio Highlights

By Associated Press (Ti meis Pacific Standard)
New York, July 9.—Bomb proof studios dug deep into England's earth are all ready to keep the British short wave

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If your motor heats or radiator leaks, see or call
HOOPER'S
RADIATOR SERVICE
53 S. Bartlett Phone 497



ELECTRIC COLD FOR 1940 GIVES YOU

- 1 PLUS POWER TO KEEP FOOD SAFE EVEN DURING SEVERE HEAT WAVES.
- 2 Twice the ice cubes in half the time. They freeze in minutes instead of hours.
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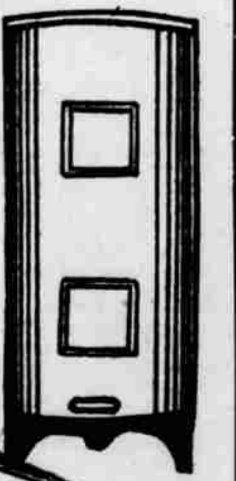


Automatic Electric HOT WATER HEATER

\$59.50 Installed

PAY \$5.03 DOWN AND \$1.74 MONTHLY

A hot water faucet connected to an automatic electric water heater always delivers hot water, at any time of the day or night. For the electric water heater is entirely automatic, keeps the water always at the same temperature. And because the heating element is in the water, the heater operates inexpensively.



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BIG RANGE CAPACITY
This compact range has the SAME CAPACITY as larger, more expensive ranges... the only difference is the reduced storage and working surface space.

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