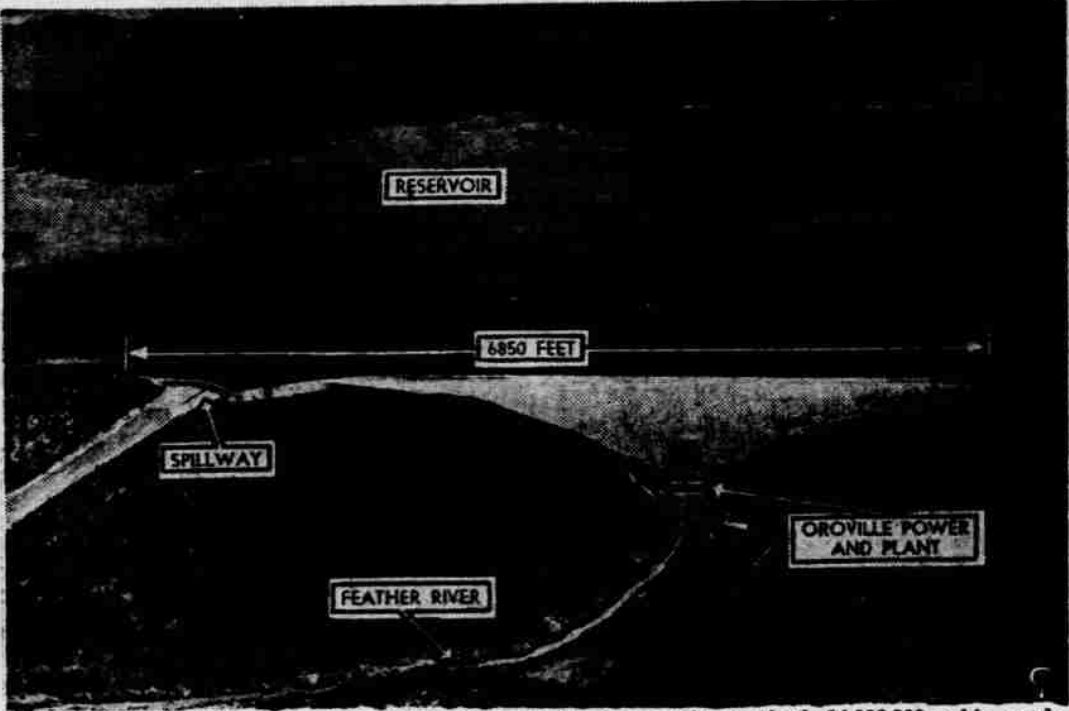




DWARLING GRAND COULEE DAM in amount of concrete required, 14,000,000 cubic yards, here is artist's sketch of proposed new Oroville Dam across Feather River, to store 3,500,000 acre feet of water for use throughout California. Funds for engineering studies of mighty project were appropriated by Legislature earlier this year.

'Earth Strain Meter' May Predict Quakes

Pasadena — (U.P.) — Scientific study entered a new phase today with a device which may predict earthquakes.

The California Institute of Technology has installed in a nearby mountain tunnel a 79-foot-long "earth strain meter" made of fused quartz tubing and designed to last 100 years.

Connected To Pier

The giant, horizontal gauge is connected at one end to a concrete pier extending deep into the rock floor. The other end can swing free and thus is sensitive to vibrations of the earth.

Dr. Hugh Benioff, institute seismologist, hopes the device will indicate earth strains of one part in 100,000,000. This is approximately a 1-1000 inch squeeze in two miles of rock or, for example, a one-inch compression between here and New York.

Might Indicate Strains

He said the one \$35,000 meter could not do a complete job of forecasting quakes, but that if it proved itself a scattered network of some 50 meters might compile enough data to indicate when strains get to a breaking or earthquake point.

Dr. Benioff believes quakes occur only after a certain point of stress has been reached. With the 50 meters placed throughout the state, preferably in pairs at right angles to each other, the seismologist said prediction as to time and place of quakes would be closer to a reality.

Benioff said the ultimate cost

of a network might reach \$5,000,000.

The tunnel itself is located near big Dalton dam a little more than five miles from near-by Glendora.



WILL FACE MUSIC — Accused bribe taker Harold J. Adonis boards ship at Southampton, England, heading home to New Jersey from Holland. He said he had evidence "to show there is nothing against me," and was returning voluntarily to face indictment against him.

Oxnam Investigation Likened to Red Purge

Washington — (U.P.) — Rep. Emanuel Celler, (D-N.Y.), charged yesterday that the House un-American Activities committee investigation of Methodist Bishop G. Bromley Oxnam was "like a Russian purge."

"It was a shame and a disgrace to American decency," he said. "The record of the hearings of that committee indicated that it was replete with errors and lies."

Charge Made in Debate

Celler made the charge during a debate with Sen. Karl Mundt, (R-S.D.). Subject of the debate was a bill introduced by Celler to turn all subversive investigations over to a single joint committee.

Mundt defended the investigation of Bishop Oxnam. "Good must have flown from that investigation," he said, "because it took out of the area of the shadow the exaggerated statements and charges and pushed them down before a committee where they were taken up carefully and he was cleared of his Communist connection."

Bishop Oxnam, a long-time critic of the committee, appeared before it at his own request last month after one of its members, Rep. Donald Jackson, (R-Calif.), charged that Rev. Oxnam "serves God on Sundays and Communist causes the balance of the week."

"That was a most intemperate, malignant remark, and it did irreparable damage to a very distinguished bishop," Celler said. Mundt conceded that Jack-

son's statement was "rather extravagant," but defended him as a "fine bird-dogging investigator."

Celler also attacked Rep. Harold Velde, (R-Ill.), chairman of the Un-American Activities committee, and Sen. Joseph R. McCarthy, (R-Wis.), head of the Senate Permanent Investigating sub-committee. Celler said their "shenanigans, antics and circus hippodrome performances" have hurt America's reputation abroad.

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ROK's Will Train During Armistice, Rhee Discloses

Seoul, Korea — (U.P.) — President Syngman Rhee said today the South Korean army will use the armistice to train its men for an offensive "when necessary."

Rhee, in a statement issued by the ROK government, indicated that he expects United Nations military help if the forthcoming political conference fails to unify Korea.

"It has been agreed that in the event the political conference fails to unify Korea after three months, the 16 United Nations, including the United States, will join in an effort to achieve unification by other means."

Rhee said, however, that there was "no definite commitment" that the 16 Allied nations would resume the Korean war.

"If we succeed in the political conference, it would be really fortunate," Rhee said,

"and if not we will have suffered no great damage. Our objective unification will have a chance to be achieved with the help from our Allies."

Rhee said "our soldiers will avail this period of rest for training, physically and mentally, for an offensive whenever necessary."

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Mental Scars Left On Returned Captives, Psychiatrist Asserts

Inchon, Korea — (U.P.) — An Army psychiatrist said today that long confinement in Communist camps had put deep scars in the minds of many American prisoners returning to freedom.

Maj. Henry K. A. Segal of Philadelphia, chief psychiatrist at this port of embarkation, said the liberated prisoners are still in a dream world.

Readjustments will be difficult, Segal said, because the prisoners now have little sense of reality.

"On the other hand, they may be able to work off this locked up emotion," Segal said.

Hero Complex

He said the Communist indoctrination has created a problem that did not exist for prisoners held in World War II.

"Men in prison camp live a fantasy," Segal said.

The psychiatrist said some of the men have a hero complex which will make it difficult for them to adjust to their new surroundings after the back slapping is over.

"This is reflected in such things as the small amount of hostility the repatriates hold toward their Chinese captors," Segal said.

Posse Loses Hope Of Catching Two Dangerous Convicts

Adairsville, Ga. — (U.P.) — A weary but watchful posse retraced its steps across the North Georgia hills today as hope faded that two armed, dangerous convicts who killed a deputy U. S. marshal and kidnapped a second guard were still in the vicinity.

"We ought to know something today," C. W. Carson, special agent in charge of the Atlanta office of the FBI, said but he added that there were "no new developments" yet.

Area Criss-Crossed

Some 200 heavily armed FBI agents, highway patrolmen and local officers aided by bloodhounds and airborne searchers have been criss-crossing the thickly wooded hills since Saturday, hunting for a trace of the fugitives, Herbert E. Jeulich, 25, and Lewis W. Larson, 31, both of St. Paul.

Being Taken to Prison

The two men, described as "dangerous and vicious," pumped five bullets into the body of a deputy marshal, Sam E. Vaughn, 54, as he and guard George Hightower, 30, were taking them from Nashville, Tenn., to the Atlanta federal penitentiary after their conviction on auto theft charges.

Jeulich and Larson tossed Vaughn's body from the marshal's car about two miles from here and drove off with Hightower as a hostage.

Thieves Break Open Pin Ball Machines

Brown's Billiard parlors, 101 East Main st., was broken into last night and an undetermined amount of money taken from three pin ball machines and a record playing machine, according to city police.

The robbery took place sometime between 12:30 a.m. and 2:15 a.m. The loss was discovered by Ivan Thomas Gilman, 1705 South Columbus st., who was notified when it was noticed that the night lights usually left on were out.

Entry was gained by breaking out a portion of the glass in the door and reaching through to unlock the door from the inside. A hammer was used to pry the front off the machines from which money was taken.

A Nichol's Worth of ... Comment On This and That

By HARMAN W. NICHOLS
United Press Feature Writer

Washington — (U.P.) — These guys who run around in shorts trying to keep cool just don't know how.

I found the best way. You have to button up.

I dragged a heavy overcoat out of the home freezer, put on a pair of boots, batted my ski cap down with

Harman Nichols, a wool scarf, and put on some fur-lined mittens. The temperature was high onto 90, but it was x-degrees cooler inside.

People gawked, like people will. A couple of perspiring characters remarked that it was only a few blocks to the Washington bug-house. But cool like, I held my ground.

Considered Loony

I made the rounds of what is left of the Capital after Congress went home to politics and to play golf. I fostered on the gate of John F. Kennedy, the Secretary of State. An attendant looked at my boots, gave me the yellow eye and said the secretary was in the Far East.

When I went to call on Arthur E. Summerfield, the Postmaster General, I made it plain to the little girl at the desk that I wasn't about to buy a three-cent stamp. Summerfield, it turned out, was picking up the mail, or something.

People thought I was not plugged in, or carrying a full

string of fish.

The idea that you have to bundle up to keep cool, I must confess, was not mine.

Dark Africa

It came during a conversation with W. Robert Moore, who as a writer for the National Geographic Society has traveled the uncounted acres of the world.

One summer he sweat it out on the deserts of dark Africa. There the temperature was 125 in the shade, and no shade about. Another summer he was in Iraq, where, as Moore put it, when it gets down to 117 "it was right coolish."

Moore laid it on the line like this:

"In places like Washington, you suffer because it is damp. But if folks were sensible, they would absorb the sweat, and in so doing provide them with a cooling system."

Cotton Saves Man on Desert

In desert lands, where it is very dry, the reporter said, a man would be done in a matter of minutes if he didn't have several layers of cotton around his head.

Not only that, but the natives in those countries put three-or-four-ply wrappings of cotton about their bodies. It tends to keep the heat out.

A man in shorts in Africa wouldn't last long," Moore told me. "If he did not have some heavy covering for his head, he wouldn't last long enough to lie down. He wouldn't have to. He'd just fall down."

Dead line Sunday Classified is at noon Saturday, 10 a.m. Monday for Monday; other days 5:30 previous day.

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