

Local and Personal

Trash Fire - Ashland firemen were called to 120 Gresham st. Sunday afternoon...

Patients - Medical patients today at Sacred Heart hospital included John S. Youkum...

Party Planned - Amethyst Rebekah lodge is sponsoring a luncheon and card party for the public at the IOOF hall...

Meeting Set - The next luncheon meeting of the Gold Hill Chamber of Commerce will be held Thursday, March 2...

Association Meets - The Oregon State Alumni association (the 30 Staters) will meet tomorrow night at Kim's restaurant...

Portland Produce - Portland-UPI-Dairy market: Eggs - To retailers: AA extra large 47-50...

Portland-UPI-Dressed chickens - No. 1 grade dressed to retail: Fryers, whole drawn, 36-38 lb...

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Obituaries

MRS GRACE SIKES - Mrs. Grace Sikes, 84, of 1015 Mary Jane ave., Ashland, died yesterday in a local nursing home...

LeROY KIRKENDALL - Funeral services for LeRoy Kirkendall, 72, who died at his residence, 2612 Dark Hollow rd., Friday, will be held at Peri Funeral home...

Mr. Kirkendall was born Oct. 18, 1888, in Weeping Water, Neb., and had been a resident of this area for 18 years...

He was married to Laura Brill, Feb. 3, 1909, in Clay Center, Kan., and moved to Medford in 1943.

Survivors include his wife, Mrs. Laura Kirkendall, Medford; four daughters, Mrs. Taft Killham, Montana; Mrs. Ed Rice, and Mrs. Metta Denman, both of Washington; Mrs. W. L. McPherson, Medford; one son, W. E. Kirkendall, Montana; two brothers, C. C. Kirkendall, Washington, Frank Kirkendall, California; two sisters, Mrs. W. E. Darby, Medford, and Mrs. Ethel Phillips, Illinois.

HUGO A. FROHREICH - Hugo August Frohreich, 68, of 304 North Holly st., died yesterday. Funeral services will be held at Conger-Morris Funeral home downtown chapel Friday at 1 p.m.

Mr. Frohreich was born April 11, 1892, in Portland. He owned and operated the Medford Saw Shop on South Riverside ave. He was a member of Crater Lake Aerie F.O.E. and of the Carpenters Union.

He was married July 2, 1950, in Reno, to Helen M. Carston, who survives. Other survivors include four sons, George Fraser, San Francisco; Jack Fraser, New York; Ray Garnier, Medford; and Phil Garnier, Susanville, Calif.; four daughters, Mrs. Julia Loftes, Mrs. Jane Carce, and Mrs. Genevieve Zelinski, all of San Francisco; and Mrs. W. F. Gregory, Medford; nine grandchildren and seven great grandchildren.

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NEWS CONFERENCE—Secretary of Agriculture Orville Freeman is shown at his first formal news conference since joining the Kennedy cabinet. Freeman said he hopes to chop several billion dollars from the \$57 billion annual budget charged against the Agriculture Department.



TRIP REENACTED - Larry Torgerson of Eureka, Calif., chats with Mayor George Christopher in San Francisco as Torgerson and his family stopped in the city while on a trip from Phoenix, Ariz., to Eureka in a 1912 Model T Ford. The trip is a reenactment of a Phoenix-to-Eureka trip made by Torgerson's grandfather, Harvey M. Harper, in 1912. From left are Mrs. Torgerson; Arne, 5; Elc, 10; Greta, 1 1/2; Torgerson; Lorna, 8; behind her father; Christopher, and Ole, 7, behind the mayor.

East Germans See Western Allies Out Of Berlin in 1961

Berlin - UPI - When the chestnuts bloom again the Western Allies will be out of the West Berlin - that's the prediction of East German Communists for 1961.

But they're not very reliable forecasters. They made the same prediction at the end of 1959. And it's doubtful whether they even believe the prediction themselves.

Eastern predictions aside, everyone from Mayor Willy Brandt on down believes the city probably will come to a head in 1961.

It's anyone's guess just what the Communists will do, but it's a good bet that the city faces interference of some sort with its vulnerable transport links to the West.

Just how far the Communists will go is a secret probably known only to their leaders. Most Western officials rule out the possibility of a full-scale blockade.

The degree of trouble probably depends on just how badly Soviet Premier Nikita Khrushchev wants a summit meeting and what happens at the meeting.

Won't Victory But no matter what happens in the future, the city won't have another victory in 1960. It remained free and the Allied troops still were in the city despite Khrushchev's demands they get out.

Khrushchev made the demand in 1959, in notes proposing that West Berlin be made a so-called free, demilitarized city.

Khrushchev came no closer to that goal in 1960 than he did in 1959, despite a few Communist harassing actions against Berlin traffic.

And city officials think Khrushchev will find John F. Kennedy an even tougher man to deal with on Berlin than former President Eisenhower was.

They were heartened by a Kennedy pledge to fight for West Berlin just as he would fight for the freedom of New York or Paris.

Showed Power The East Germans showed the power they have over the city's routes from the West last September by banning ground travel by West Germans coming to the city for a refugee rally.

They also violated other Four-Power agreements by barring West Germans from entering East Berlin without special passes.

The Soviets in reply to Al-

Jobless Benefits Cleared in House

Washington - UPI - The house rules committee today cleared for a house vote Wednesday President Kennedy's first anti-recession measure - a \$927 million extension of jobless pay benefits.

House leaders said there was no doubt it would pass. The committee acted at a closed session, with no audible news reported. Action came after the ways and means committee, which drafted the bill, said unemployment still is rising and warned that it may continue to worsen even if business turns up in the spring.

They did say, however, that the Western Allies will lose all their rights in the city once a German peace treaty is signed.

The Soviets have warned they will sign a separate peace treaty with East Germany if the German problem is not solved at a summit meeting held early in 1961. They might do it - 1961 holds the answer.

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Ocean Depths Found To Be Strewn With Valuable Minerals

New York - (Scientific American Feature) - Studies made during the recent International Geophysical Year disclosed that the depths of the ocean are strewn with manganese, copper, cobalt and nickel in amounts that could meet man's need for a million years at the present rate of consumption.

Moreover, according to John L. Mero, staff member of the Institute of Marine Resources at the University of California, these untapped riches appear to be economically recoverable.

Dr. Mero states, "It would seem desirable to give serious consideration to the one source that remains virtually unexplored and untapped. It is the sea. Sea water itself has some promise; some 60 elements have been identified in it. By conservative estimate, the water in all the oceans holds 15 billion tons of copper, 7 trillion tons of manganese, 20 billion tons of uranium, half a billion tons of silver and 10 million tons of gold. Still, sea water must be considered a lean 'ore,' except for a few materials. But the basins of the oceans are lined by these same elements in the form of conventional ores that, in my opinion, could be profitably mined by applying techniques that are available today. These ores are simply lying on the ocean floor waiting to be dredged up.

From an economic standpoint the most promising ore is manganese dioxide. In deep-sea sediments it takes such forms as grains, slabs, coatings on rocks and impregnations of porous materials. Most important, it also occurs in a strange product of sea-water chemistry: the so-called manganese nodules, which incorporate not only manganese but also iron, nickel, cobalt, copper and other metals. Generally, these lumps range in size from one to nine inches in diameter. The largest ever recovered measured about 4 feet long and 3 feet in diameter; it weighed 1,700 pounds. World-wide surveys show that the deposits cover tens of millions of square miles with concentrations running to 3.7 pounds of nodules per square foot of ocean floor.

In addition to metals oceanographers have also discovered economically interesting deposits of phosphate, for example. This material is an important source of fertilizer. Phosphate rock sells for as much as \$15.00 per ton, half of the price representing freight charges. It has been calculated that \$3.5 million would pay for the design and construction of a system to mine 400,000 tons of sea-floor phosphorite a year. The mining cost would be about \$4.50 a ton and transportation about \$1.50 a ton. At a selling price of \$13.50 per ton in California, the exploitation of deposits lying off the coast of that state would result in an annual return to investors of fifty-two per cent after taxes.

As for nodules mining, calculations, based upon techniques now used to separate copper, nickel, and cobalt from lean ores, indicate that it will cost about \$25.00 per ton to process manganese nodules into marketable materials. Adding \$5.00 for mining and \$10.00 for marketing, transportation and overhead, the profit would still be about \$20.00 per ton of nodules from the southeastern Pacific, an area in which particularly rich deposits are found. On paper this would allow an annual return of thirty per cent before taxes, on a capital investment of \$100 millions in a mining rig (a hydraulic dredge) and processing plant able to handle 5,000 tons of nodules a day. Such calculations do not, however, excite any great enthusiasm among mining men. From the business point of view there are still too many unknowns in deep-sea mining.

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Weather

Medford and vicinity: Thickening clouds, fog, with chances of occasional rain Wednesday morning. Low tomorrow morning 30. High tomorrow 35.

Western Oregon: Considerable cloudiness tonight and Wednesday. A little rain at times in the extreme north portion. A little warmer. Low tonight 36 to 46. High Wednesday 36 to 62.

Northern California: Fair to night except cloudy in extreme north tonight and in north portion Wednesday. Occasional rain in extreme north Wednesday. Little change in temperature.

LOCAL DATA TEMPERATURE: Mean yesterday 44; above normal 1. Record high this date 72 in 1923. Record low this date 19 in 1913.

PRECIPITATION: 24 hours to midnight 22 inch. Midnight to 10 a.m. none. Total this month 2.74 inches, 79 inch below normal.

HUMIDITY: Lowest, yesterday 36%. Highest this a.m. 100%. CITY Yearly Low Precip. Brookings 57 41 40

Portland 54 40 61 Seattle 45 40 66 Spokane 48 36 50 Yakima 50 30 112 Eureka 55 44 66 Red Bluff 62 45 44 Sacramento 62 44 44 San Francisco 62 43 43 Los Angeles 69 30 30

Investment Funds Non quotations on selected funds: Fund Bid Asked Bullcock 13.77 15.09 Chen Fund 12.09 13.07

Portland Livestock Portland-UPI-USDA-Cattle 250. Good steers 22-24.50; standard 21; standard-pood heifers 18-22; utility cows 14-16; canner-cutter 11-13.

Calves 50. Good-choice 28-32; few 32-35; utility-standard 23-27. Hogs 300, U.S. 1 and 2 butchers 20-25-26.50; 2 and 3 grade heavy 19-21; sows around 300, lb 17.

Shops 100. Mostly choice slaughter lambs 15.50-16; some 110 lb down to 13.50; cut-choice ewes 3-6.50.

EARLY BIRD SPECIAL Complete Dinner \$1.19 ALL YOU CAN EAT When? Mon. Thru Thurs. 5:00 P.M. to 6:00 P.M.

Why? To Express Our Appreciation What? Our Regular 1.49 Dinner only 1.19 INCLUDES: Shrimp Cocktails, Soup, Appetizers, 15 Salads, 3 Meat Dishes, 2 Desserts THE GROTTO Number 10 Front

CHARCOAL STEAKS TILL MIDNIGHT CANDLE ROOM HOTEL Medford Open Daily 5:30 P.M. to Midnight