

## Location of Fish Indicate Pacific Ocean Warming Up

San Francisco—UPI—Not long ago an Indian in Juneau, Alaska, landed a fish he had never seen before. It was a white sea bass, rarely found north of San Diego, Calif.

At about the same time a warm water albacore tuna and barracuda were spotted off the Washington state coast.

And the once-famed "cannery row" of Monterey, Calif., began stirring this summer with the re-appearance of sardines after several years' absence.

All of which points to a dramatic change in the mighty Pacific—it's heating up. At least, it's getting warmer in coastal water stretching from Peru to the Gulf of Alaska.

The trend began in the south in 1955 and gradually spread northward until, by late summer of 1957, the water ranged up to eight degrees warmer than the 30-year average. The average increase in temperature was four degrees.

**Effects Not Limited**  
Effects of the phenomenon have not been limited to the northward migration of warm

water fish. Some scientists believe the warmth of the ocean has resulted in increased rainfall and higher temperatures on land.

Dr. Robert C. Miller, director of the California Academy of Sciences here, also pointed out that on the western edge of the Pacific the tropical rainy season lasted almost six weeks longer than usual; Hawaii had its first recorded hurricane and at Point Barrow, Alaska, the ice went out on July 1 last year, the earliest date in history.

What's the reason for the warm-up?  
Miller believes the temperature of the water depends a good deal on the strength of the prevailing northwesterly winds.

"When these winds are strong they speed up the California current and the upwelling of cold water from the ocean bottom," he said. "If the winds slow down there is less upwelling and the water is warmer along the coast, as usual in the past few years."

Winds have been lighter than usual in the past few years.

**Smog Accumulation**  
Another possible reason for warmer water is the increased accumulation of smog and other carbon dioxide products of combustion in the atmosphere.

"This forms a blanket in the atmosphere that absorbs solar radiation in a greenhouse effect," Miller said. "The heat gets in but can't get out. Any increase in solar radiation over the ocean tends to heat up the water."

Regardless of the cause, the California fisheries industry has been profoundly affected by the change in the Pacific's temperature.

Last year was far and away the best year for Southern California sport fishermen who made record catches of warm water barracuda, yellowfin tuna, skipjack and dolphin. Many were taken much farther north.

The warm water also was credited with a tremendous increase in anchovies off the central California coast. Marine biologist Donald P. Abbott, of the Hopkins marine station, Pacific Grove, reported that some 4,000 schools of the herring-like fish were spotted in a recent aerial survey.

**Evaporation Increased**  
As for the effect on land temperatures, Miller explains it this way:

"The warm water heats the air above it. Warm ocean and warm air increase the rate of evaporation. Warm air holds more moisture than cold air. As it moved toward shore and inland across the continent it thus increases the amount of warming rain that is dropped."

Miller noted that the winter of 1957-58 was not only the wettest of the century for California, but a warm one too.

## Air Power Ready For Berlin Threat

Detroit—UPI—America's air might in Europe is on the alert to "promptly and properly respond" to any Communist threat to West Berlin, the commander of the United States Air Force in Europe declared Wednesday night.

Gen. Frank F. Everest said West Berlin has been a shining example of heroic efforts to create a free and prosperous city in the midst of a land where poverty and misery abound under the Communist regime.

He said the "almost frantic Communist efforts" to rid themselves of the deep-seated thorn of West Berlin is evidence of the trouble which the island of freedom has been to the Communist world around it.

Gen. Everest indicated the North Atlantic Treaty Organization is a major military alliance "necessary to the survival of the free world."

Although he said he was convinced that Russia does not want to provide a major war, the four-star general said "we must stay ready for global war or face military disaster."

## Portland Family Still Missing

Portland—UPI—The fate of Mr. and Mrs. Ken Martin and their three daughters remained a mystery today.

The Portland family has been missing since Sunday on a Christmas tree gathering trip. Searchers have checked out numerous tips without finding a trace of them or their white 1954 Ford station wagon trimmed in red.

Search switched back to the Larch mountain area again Wednesday after a report that the family had been seen on the mountain Sunday. But a check of back roads, already covered earlier by sheriff's deputies, located nothing.

Sheriff Francis Lambert of Multnomah county said "I wish to God I knew where to look. I fear they are either in a deep canyon or in water."

Martin, 54; his wife, Barbara, 48, and their daughters, aged 14, 12 and 11, were last seen Sunday when they told friends they were going to get Christmas greens.

Canada had eight deaths from diphtheria in 1958, compared with 2,075 in 1921.

## Los Angeles Air Pollution Officials Increase Efforts

Los Angeles—UPI—Los Angeles air pollution officials, confronted with the worst December smog siege on record, stepped up their efforts today to rid the area of aerial contamination.

Two smog alerts already have been declared this month, marking the first outbreak of warning-level pollution ever to be recorded in the Los Angeles Basin during December.

The alerts increased to seven the number called so far this year as compared with only one for the entire year of 1957. In 1956, 10 alerts were declared, while 15 were necessary in 1955.

"The source of pollution," according to S. Smith Griswold, chief of the county Air Pollution Control District, "We are waging an all-out effort to control exhaust fumes."

Griswold said earlier efforts had resulted in the "cleaning up" of oil refineries and other industries. Elimina-



**GORILLA LIKE?**—This is the new statue of Sir Winston Churchill that critics in England have assailed as a "gorilla-like caricature." Sculptor David McFall (left) was commissioned to make it by Churchill's constituents in the Woodford District, but there is doubt as to its ever being installed.

India has about 40 births a year for every 1,000 of her people. The current figures show 16 births per 1,000 in Great Britain and 15 in Sweden.

One out of every four persons killed in traffic accidents in the United States is a pedestrian.

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## Pioneer Roseburg Home to be Moved For Parking Lot

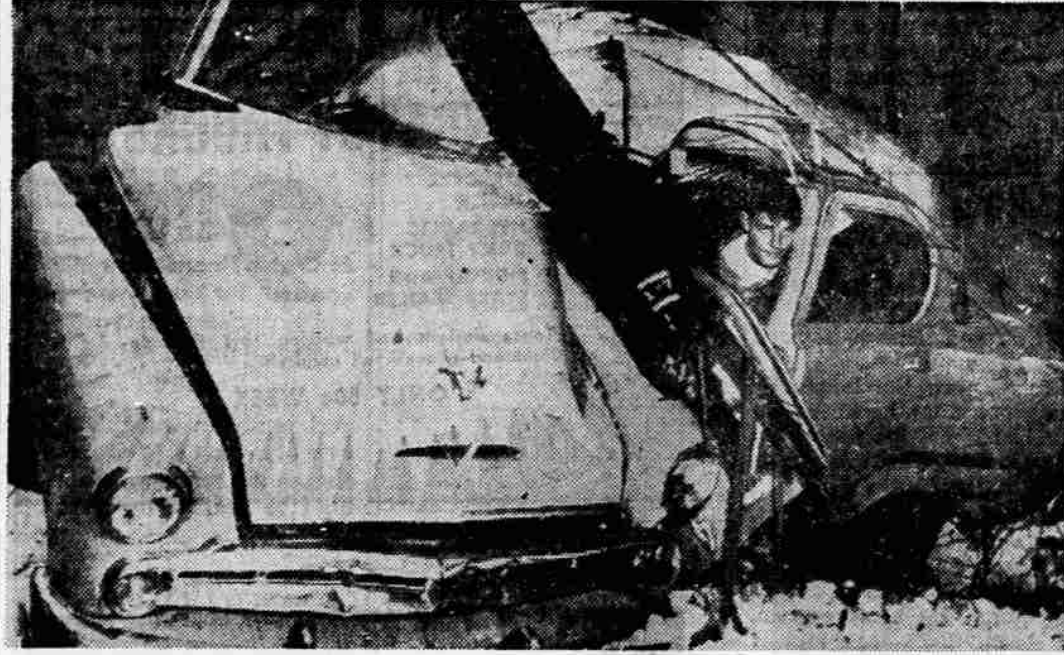
Roseburg—UPI—The 100-year-old home of Lillie Lela Moore, located near downtown Roseburg, will be moved to make way for a parking lot.

Five local businessmen submitted a high bid of \$37,775 to the General Services Administration at a public sale Wednesday for the property. The included Emil Ramberg, president of the Chamber of Commerce; Hans Hensen, automobile dealer; George West, a hardware store owner; Roland West, a jeweler; and L. E. Garrison, manager of the Douglas County State Bank. They said they planned to build a lot to relieve congested downtown conditions.

**Eisenhower Contacted**  
Mayor Arlo Jacklin recently contacted President Eisenhower in an effort to get GSA to postpone sale of the property in hopes Congress would convert the Moore home into a museum. The Douglas County Historical society had been trying to acquire the estate so it could be made into a museum.

Mrs. Moore named the federal government as heir to her property in 1927, some 13 years before she died.

The historical group's only recourse now would be rejection of bids by GSA because of congressional pressure.



**'LUCKIEST MAN IN TOWN'**—Claude Gordiener, 18, of Great Barrington, Mass., is "the luckiest man in town" according to local police after he tied his car around a utility pole. Gordiener, who complained only of minor pains, smiles as he waits to be freed.



**EVERYBODY GETS IN ACT** as car is stalled in more than 10 inches of snow at Vancouver, B. C. Family is trying to get car into ruts from which it skidded

## 4-H Club News

**Desert Pegasus**  
The Desert Pegasus met Saturday, Dec. 6, at the home of Mr. and Mrs. Dunn.

The meeting was called to order by president Harlin Stinson. We discussed the Christmas party. We decided to have it Dec. 20, at Pogues' barn. Harlin asked for volunteers for the refreshment committee. They are Bill Morgan, Regina Krambeal, Vickie Vaughn, Carolyn Hackney, Shirley Six, and Don Arnold. The club drew names for the Christmas party.

There was a skating party Nov. 22, at Ashland Skateway. Harlin gave a report on it.

Mr. Dunn gave a discussion on horse judging and also talked with the first year members.

The next meeting will be Jan. 3 at the Dunn ranch.

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