

'Acid rain' could spread west

By TIM LEDBETTER
Of the Emerald

Solving an "acid rain" problem in the eastern United States and preventing one in the West will require a reduction in the combustion of fossil fuels, says Norman Glass, director of the Terrestrial Division of the Cor-

vallis Environmental Research Laboratory.

Acid rain occurs when air pollutants — specifically sulfates and nitrates — are brought to the ground, either dry or by precipitation. Big power plants, refineries and smelters in the East contribute to the acid rain problem there, Glass says, but

the combustion of fossil fuels is the major source of acid rain.

"Some lakes and streams there have been unable to support fish life due to acid rain," he says. "The acid rain falls into watersheds there and is not neutralized."

Calcium deposits tend to neutralize acid rain, but the mineral is scarce in the eastern United States, Glass adds.

The Western states have not felt the severe effects of the East's acid rain so far.

Acid rain appears to take its toll on the land regardless of yearly rainfall averages, Glass says.

"In low-rainfall areas the acid rain would be more concentrated, thus acutely affecting forested areas," he says, "whereas a high rainfall-average area would regularly receive diluted acids, thus causing long-term soil problems."

Acid rain includes not only sulfates and nitrates falling to earth with the assistance of rain, fog, dew, or snow, but dry airborne particles that float to earth from smokestacks as well, Glass says.

The acid rain problem has prompted Pres. Jimmy Carter to approve a 10-year allocation of \$10 million annually for the study of acidic precipitation.

But preventing acid rain is a complicated process, Glass says.

No actual regulatory measures are in effect, he says. Big power plants may be the major causes of the problem, but pinpointing the individual plants which contribute the most to acid rain is very difficult, if not impossible, he adds.

At a recent hearing in Washington D.C., Environmental Protection Agency representatives expressed their concern about the acid rain.

Witnesses at the hearing emphasized that damage from acid rain could result in the deaths of small animals and fish — and in special cases, building deterioration.

The witnesses admitted, however, there was not sufficient proof to completely back up their claims, Glass says.

Even though acid rain is hitting higher levels, there is little chance of danger to humans from contact with acid rain, the witnesses concluded.

making the news

From Associated Press Reports

SALEM — Anti-nuclear protesters were to move their demonstration to the governor's office today in their efforts to force permanent closure of Trojan nuclear power plant.

Four members of the Trojan Decommissioning Alliance spent most of Monday in the offices of the state Department of Energy trying to achieve the same objective.

Gov. Vic Atiyeh said Monday he will talk to the demonstrators for a limited time as his schedule allows.

In a letter to Gov. Vic Atiyeh announcing the planned "occupation," TDA member Jim Mason accused the governor of either being ignorant of the dangers of nuclear power or "willfully choosing to take no notice."

"They are citizens, they have views of their own," Atiyeh said. But he pointed out that others in the state hold equally fervent — but opposite — views in favor of nuclear power.

STOCKHOLM Sweden — Americans again dominated the three Nobel science awards.

Two Americans and a Pakistani who took up where Einstein left off in searching for a key to the universe won the Nobel Prize in physics Monday, and an American and West German who found ways to produce new drugs, pesticides and other important organic compounds were awarded the chemistry prize.

It made 1979 another year of U.S. domination of the three Nobel science prizes. Four of the seven laureates are Americans, the same proportion as in 1978.

The selections were made by the Swedish Royal Academy of Science. Each prize carries a stipend of \$190,000 to be shared among its winners.

SAN SALVADOR, El Salvador — Pres. Carlos Humberto Romero fled the country Monday after army rebels claimed to have seized four key military barracks, diplomatic sources said.

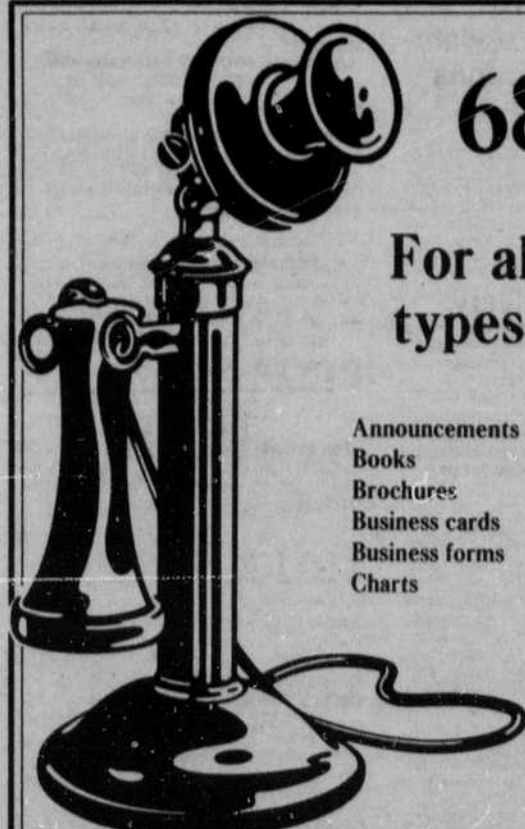
The usually reliable sources said Romero reportedly left by commercial airline bound for the United States with his family, but there was no official confirmation.

The rebels claimed they were in control of 14 departments, or states, throughout this Central American country.

A rebel spokesman said a major and two colonels, all unidentified, led the rebellion against Romero, a rightist army general, who was elected two years ago to a four-year term.

TEL AVIV, Israel — Ultra-nationalist Israelis staked out camps on the occupied West Bank Monday and played hide-and-seek with soldiers trying to end their protest against government settlement policy.

At nightfall the army and defense ministry claimed to have evacuated most of the approximately 30 campsites, but settlers in at least one camp refused orders to leave.



686-4381

For all your professional typesetting needs:

Announcements
Books
Brochures
Business cards
Business forms
Charts

Headlines
Invitations
Journals
Menus
Newsletters
Pamphlets

Posters
Programs
Questionnaires
Resumes
Signs
Stationery

**Production Department
Oregon Daily Emerald**

Dr. John Perkins and Dr. Claude Brist

Announce that they have assumed the practice of

Dr. Robert Ramp

Records will be retained at

The EUGENE VISION CLINIC

396 East 18th Avenue
Ph: 686-8321

Contact lenses

Family vision care

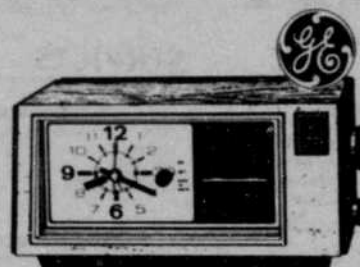
Additional locations

2101 Bailey Hill Rd.
Valley West Center

1457 G. Street
Springfield

Members American Optometric Association

General Electric



7-4550

GE FM/AM CLOCK RADIO

Compact, stylish model with highly legible dial scale and clock face.

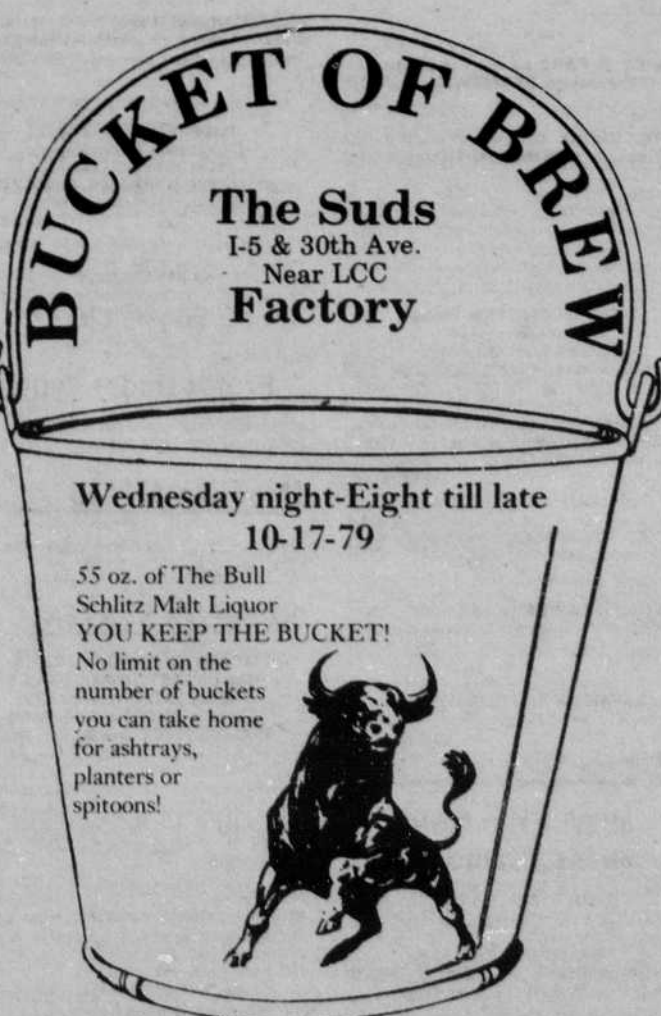
- Wake-to-Music
- Slide-rule dial
- 3 1/2" dynamic speaker
- Walnut grain finish on polystyrene cabinet.

\$28.95

**UO
BOOKSTORE**

13th & Kincaid Mon.-Fri. 8:15-5:30
686-4331 Sat. 10:00-2:00

your 'Advanced Campus Electronics' Center



The Suds
I-5 & 30th Ave.
Near LCC
Factory

Wednesday night-Eight till late
10-17-79

55 oz. of The Bull
Schlitz Malt Liquor
YOU KEEP THE BUCKET!
No limit on the
number of buckets
you can take home
for ashtrays,
planters or
spitoons!

