

### Evaluation of Cloud-Seed Effort Explained By Thesis

By HELEN PARKS  
 FORT ROCK — "Evaluation of Southern Oregon Cascades, 1952-1957," a paper presented by Manes Barton of Portland at last month's Western Snow Conference at Bozeman, Montana, tends to substantiate the belief that cloud-seeding in Douglas and Jackson counties has resulted in increased rainfall in northern Lake County, Barton, with the Soil Conservation Service, is assistant snow survey supervisor for Oregon.

Since 1952, California Oregon Power Company has subsidized the work of North American Weather Consultants of Goleta, California, aimed at increasing mountain snowfall and the resultant summer stream-flow for the production of hydro-electric power. The weather modification program is carried on from November to March using silver iodide ground generators located at 11 points plus a mobile unit mounted in a pickup

truck. Each generator is equipped with a pulsating device to vary the quantity and size of the silver iodide nuclei.

The report stated that "for four of the six seeded years, the highest per cent of normal precipitation in the state has occurred in the Fremont-Paisley area, lending strong support to the thesis that a downward effect exists beyond the target area."

The target area comprises the west slope of the Cascades from Lake of the Woods north to the Toketee Falls project. The north Lake County area is between 40 and 60 miles beyond the target.

There are four U.S. Weather Bureau stations, ranging from Fremont, six miles southwest of Fort Rock, to Paisley. Precipitation at The Poplars weather station in the Fort Rock Basin for the five months this past winter was 6.62 inches compared with an average of 5.97 inches prior to the cloud-seeding project, according to Bud Parks, cooperative observer. Rain and snowfall during the seven years of the Copco weather project, he noted, have been steady and gentle without any violent or destructive storms. The Poplars weather station is equipped with a recording rain gauge which plots on a graph the intensity of storms as well as total amounts of precipitation.

An exception was the winter of 1954-55 when the five-month period that winter yielded only 2.49 inches of precipitation, less than half of average.

As for increasing the snow pack at the headquarters of the Rogue and Umpqua rivers, it appears there has been only a three per cent increase of April 1 snow and water content figures for the years covered by the study. Stream flow from April to July was up four per cent from that expected had there been no cloud-seeding.

During the past several years, there have been other separate attempts to disperse fog, suppress hail and increase spring precipitation in the Rogue Valley area. These activities are considered locally to have changed the weather pattern in north Lake County, also, and, according to Barton, have made evaluation of the winter project more difficult.

Co-author of the paper was Lyle D. Calvin of the Oregon Agricultural Experiment Station and water forecaster and statistician.



"He's better than a diet—I've had to give up sundaes in order to buy all his records!"

### Ronald Colman, Movie Idol, Dies In Hospital

SANTA BARBARA, Calif. (UP)—British-born actor Ronald Colman, 67, whose career spanned three decades of American and English stages and brought him fame as the star of some 100 motion pictures, died today.

The suave actor succumbed at St. Francis Hospital. He died at 5 a.m. after being taken there from his home at nearby Montecito, Santa Barbara's fashionable suburb, Sunday night.

Hospital attendants attributed death to a virus lung infection.

The white-haired and handsome Colman was best known for performances in the romantic, classic style films but turned to television toward the end of his acting life.

for the filmed video program, "Halls of Ivy."

Colman's debonair manner and the hesitating, British voice that had been imitated many times stamped him for young romantic roles until he was almost 50. But in recent years, his acting was confined to the suave middle-aged type in company with his actress wife, Benita.

"The style of what I used to do is gone — the romantic films, the classics," he told friends. "The older you get the harder you are to cast and the harder to please."

Last spring he was one of the celebrities who did fast scenes in Mike Todd's "Around the World in 80 Days," but he did it only for the fun of it.

"I won't do another motion picture role unless it adds a feather to my cap or is a lot of fun — something that tickles one's fancy," he said.

His personal preference always was for light comedy and at the peak of his long career he earned an average of \$150,000 a week for just eight weeks of work in one picture a year.

He lived quietly on his guest ranch near Santa Barbara, about 90 miles north from Hollywood on the Pacific coastline, making cottages available for tired film folk.

His first acting job was as an Indian tooting a horn.

England's post-war depression sent Colman to America in 1929 with \$37 in his pockets. His first leading role was opposite Lillian Gish in the film "The White Sister," in 1922. That was the making of his picture career.

**TV SERVICE COMPLETE**  
 All Makes - All Models  
 Call **BARABOO'S**  
 333 E. Main Ph. 4-4616  
 Motorola Dealer

### No Surprise In Primaries

By THE ASSOCIATED PRESS  
 Nearly 53 per cent of Oregon's 517,600 registered voters cast ballots in Friday's primary election.

With returns in from all but 23 of the state's 2,674 precincts, the unofficial tabulation showed a total of 429,143 votes cast for governor.

Republicans out-voted the Democrats in that contest.

Trends in nearly all races were established early in the counting, and there were no surprises as the final totals were posted.

There were 387,453 Republicans registered and returns from 2,651 precincts showed 221,572 votes cast for the six GOP gubernatorial candidates. Secretary of State Mark Hatfield won the nomination with more than 105,000 votes. State Treasurer Sig Unander was second with 65,000, and State Sen. Warren Gill third with 40,000. The other three candidates, Albert Eichman, George Livingston and Orval Rasor, had a combined total of about 11,000 votes.

On the Democratic side, 297,571 of the 439,000 registered Democrats voted. Gov. Robert D. Holmes easily won the nomination with 129,000 votes to 60,000 for Lew Wallace.

Wiley Smith, Multnomah County assessor, trailed with 19,000.

Atty. Gen. Robert V. Thornton defeated Don Metheny, 38,000 to 12,000, in the race for Democratic nomination from the 1st Congressional District.

On the Republican side, Rep. Walter Norblad easily beat Phil Hitchcock, 46,000 to 22,000.

Republicans nominated John Johnston of Portland to oppose Democratic Rep. Edith Green in the 3rd district. Mrs. Green was unopposed.

The two incumbent state Supreme Court justices, George Rossman and Gordon Sloan, won virtual election by winning sizable majorities in the primary and will be unopposed in the fall.

**California Weather**  
 By UNITED PRESS  
 San Francisco Bay Area: Fair through Tuesday except morning high fog and fog near ocean all day; high today San Francisco 62, Oakland 70, San Mateo 71, San Rafael 72, low tonight 50-55; normal westerly winds.

Northern California—Fair through Tuesday except coastal fog and a chance of a few thunderstorms extreme northern mountains today; cooler coastal sections today; coastal winds west to northwest 10-20 m.p.h.

St. Shasta-Siskiyou area: Fair through Tuesday except chance of a few thunderstorms today; little change in temperature.

Sierra Nevada: Fair through Tuesday except local afternoon cloudiness; little change in temperature.

Sacramento Valley: Fair through Tuesday; little change in temperature; high both days 78-86; low tonight 50-56; southerly winds 8-16 m.p.h.

Northwestern California: Fair through Tuesday except coastal fog; chance of a few thunderstorms in northern mountains today; cooler coastal sections; high today and low tonight Ukiah 75-80; Santa Rosa 72-48, Napa 72-50; southerly winds 8-16 m.p.h. near coast today becoming northwest 10-20 m.p.h. tonight and Tuesday.

**Oregon College Probing Space**  
 McMinnville (UP)—The National Science Foundation is sponsoring an investigation of outer space being conducted by the Linfield Research Institute.

The institute, a Linfield College agency, is attempting to learn more about the ionosphere and how it sometimes absorbs and sometimes reflects radio waves.

The foundation has provided the institute with a \$42,000 grant to be used in the study. Most of this money will be used to build receiving apparatus for picking up radio signals from man-made earth satellites.

Linfield is one of four tracking stations set up by the foundation. The others are at the University of Alaska at Fairbanks, Stanford University at Palo Alto, and at Penn State.

**GOOD INTENTIONS**  
 MASSA, Italy (UP)—Communist Giordano Alberti, 29, faced the wrath of the party today for heckling an electoral rally of Communist leader Paolo Rossi.

Embarrassed Alberti explained he mistook Rossi for a Social Democratic leader with the same name.

### NY Cops To Get Transistor Radios

NEW YORK (UP)—Within a month, foot patrolmen in Central Park will have pocket-size transistor radios to help in a new drive on crime.

At first, receiving sets only will be issued to these officers. If experiments prove successful, tiny radio transmitters will be provided for two-way communication.

The receiver weighs only nine ounces and can be carried in a case affixed to a patrolman's belt.

**OSBURN HOTEL**  
 EUGENE, ORE.  
 Mrs. J. R. Early—Joe Early Jr., Proprietors  
 Thoroughly Modern

**SUNNY BROOK**  
 The great bourbon of the Old West

THE OLD SUNNY BROOK CO., LOUISVILLE, KY., DISTRIBUTED BY NATIONAL DISTILLERS PRODUCTS CO., KENTUCKY STRAIGHT BOURBON WHISKEY, 85 PROOF

**ADDITIONS, ALTERATIONS**

Modernize Your Kitchen  
 Modernize Your Bath Room  
 Redecorate Your Living Room, Dining Room and Bed Rooms.

We Will Be Glad To Assist You In Planning, Estimating and Financing

**No Down Payment**

and up to 5 years to pay

**Basin Building Mat.**

Next to the Big Y Market  
 4784 So. 6th Phone TU 2-2563

**Ike's Power Bills Blasted**  
 EUGENE (UP)—Sen. John F. Kennedy (D-Mass.), a possible candidate for Democratic nomination as president, said here Sunday the Eisenhower administration power policies have checked Northwest development.

Kennedy told a Jefferson-Jackson Day Democratic meeting these policies—which he said had "slowed down, halted and hampered" the region's power programs were hurting the Pacific Northwest's economic growth.

Earlier at a press conference, the senator backed away from questions about his future political plans other than running for the Senate again.

He was to speak at the university, at Salem, and at Portland before leaving for Washington, D.C., Monday night.

**Valley Residents See Red Fire Ball**  
 PORTLAND (UP)—Hundreds of persons in the Willamette Valley Saturday night reported seeing a huge red ball flash across the sky.

The reports came mostly from the area between Salem to Portland.

Many reports said the ball had a long sparkling tail.

Similar sightings were reported in parts of California.

**Oregon Weather**  
 By THE ASSOCIATED PRESS  
 Eastern Washington, Oregon and Idaho — Temperatures averaging above normal with cooling trend at the beginning of the period but warming latter part of the week. A few showers mostly occurring before Thursday. High temperatures generally 75-85. Minimums 42-52.

Western Washington and Oregon — Some cooling through Tuesday with warming Wednesday or Thursday. Temperatures to average above normal through Saturday. Scattered showers mostly occurring before Wednesday. Maximums 64-74 in Western Washington and 70-80 in Western Oregon except 60-65 along the coast. Minimums 45-55.

**Boy Hit By Auto Has Leg Broken**  
 A 6-year-old Klamath Falls youth suffered a broken leg Sunday morning when he was struck by an automobile in a service station lot just south of Klamath Falls on U.S. Highway 97. The injured youth is Steven Collman, 4297 Balsam Drive.

Investigating state police said that young Collman and another youngster were kneeling down in the lot of Shorty's Service Station while counting some bottles they had collected.

At that point Steven got up and moved backwards directly into the path of the car driven by Otto Mikkelsen, 76, of 3923 Green Springs Drive. He was rushed to the hospital by Peace Ambulance.

**CRUSH FATAL**  
 OREGON CITY (UP)—Otto J. Petrich of Sherwood was fatally crushed under the wheels of his tractor Saturday.

He had stopped the vehicle on a grade to make repairs when it rolled forward over him.

Petrich was seeding farmland four miles south of Yualatin at the time of the accident.

**INDUSTRIAL AIR PRODUCTS CO. WELDING SHOW**

See all that's new! Factory specialists demonstrating latest scientific welding and cutting processes.

REFRESHMENTS  
 DOOR PRIZES

at North on Highway 99 in Medford  
 MAY 23, 24  
 2 to 9 P.M.  
 INDUSTRIAL AIR PRODUCTS CO.

**FINGER CUT**  
 A. M. Shultz, 47, 2545 Radcliffe Avenue, had a finger severely cut Sunday, when he caught it in a power mower. Shultz was taken by the Peace Ambulance to Klamath Valley Hospital, where he was released after treatment.

**TRASH FIRE**  
 The city fire department put out a small trash fire near the Balsiger Motor Company on Esplanade Sunday evening. There was no damage.

**PERFECT CHOICE**  
 TAMPA, Fla. (UP)—Miss Mary Louise Perfect tries to live up to her name. The Florida Jaycees have named her the state's outstanding teacher of the year.

**YOU AUTO BUY NOW**  
 And "CHECK WITH CHUCK"  
 For LOW COST AUTO FINANCING  
 AT The MOTOR INVESTMENT CO.  
 531 So. 6th Ph. TU 4-7783  
 THE LOAN ARRANGER

**BASIN MOTORS**  
 424 So. 6th St.

COME AS YOU are, BUT COME QUICKLY the big Beautiful MERCURY 312 COSTS ONLY \$2494 plus tax and license

Size up the BIG new Mercury 312. It has power with economy, the luxury and prestige you want — in a car priced right down with the low-priced thrash. If you can afford any new car this year, you can afford this new Mercury 312 — the BIG car that's invaded the low-priced field. Don't delay — make it today!