

Rainfall And Snow Can Be Artificial

Heavy rainfall, snow, and the dissipation of cloud formations have all been accomplished by the application of dry ice in a powdered form to certain types of clouds.

At a meeting of the American Meteorological Society and the Institute of Aeronautical Sciences Dr. Irving Langmuir, associate director of the General Electric Company's research laboratory, revealed that extensive cloud study has been made by General Electric in conjunction with the Army Signal Corps and the Office of Naval Research.

Dr. Langmuir said that the seeding of clouds with dry ice might prove of economic value by enabling certain areas to produce crops in normally dry seasons.

Rain is artificially produced by seeding cloud areas with dry ice which will change those areas into billions of ice crystals. As the crystals fall below the freezing line, they melt and the resulting water starts an automatic chain reaction rainfall, Dr. Langmuir said.

A high degree of success has been achieved with the experiments and in 35 cloud-seeding flights positive indications of cloud modification or conversion into rain or snow were obtained.

In discussing the cloud dispersion experiments, Dr. Langmuir said that definite patterns were cut in layers of stratus clouds by the dry ice method. Portions of the clouds so treated completely disappeared within forty minutes, leaving breaks in the clouds through which the ground was distinctly visible.

Dr. Vincent J. Schaeber, in another talk, explained his theory by which he hopes to simulate artificially in the laboratory different types of clouds for the purpose of gaining greater knowledge of cloud behavior.

"The end result of these research studies is the attempt to reach a better understanding of the various physical processes which combine to cause the genesis, growth, maturity and decline of clouds and in particular the basic features which combine to form various types of precipitation," Dr. Schaefer said.



MR. AND MRS. TOM TAYLOR are the co-owners of Taylor's Variety Store which opened in its new North Gate location last week.

Ramblers Are In Search of Talent

By BUDDY LUCE

"My kingdom for a fiddler," is the cry echoed by the remains of A&M's gift to the world of music, the Aggie Ramblers, as they comb the campus for recruits. Fiddlers, steel guitar players, and accordionists with hillbilly ears are in great demand.

The gist of the situation is that the ranks of the Ramblers have been thinned to the barest of minimums by the forces of graduation, matrimony, and other powers beyond the control of ordinary "hoo-mans."

A course in personnel management and membership in Petrillo's union should be the requirements for all band leaders. Keeping together such a small group of only five musicians has been for the

Ramblers nothing but an enactment of the old song "Here Today and Gone Tomorrow."

The beginning of the fall semester found the group fully equipped with steel guitar, fiddle, base fiddle, electric guitar, accordion and other diversions from these time-tested weapons.

The end of the semester found two Ramblers trying to keep up a tune and enough noise to make themselves heard over WTAW. A guitar and base fiddle still furnish accompaniment for a few song sessions on the little 5-watter in College Station.

Somewhere among the piles of humanity on the campus there should be a grappa-tutored Aggie who doesn't see anything wrong with "dragging a horse's tail across the insides of a cat."



CHARLIE OPERSTÉNY and his son CHARLES reopened the community's oldest grocery and the community's newest store when Charlie's Food Market officially reopened last week.

Government Survey Reveals Demand for College Graduates

The next few years will see an increased demand for college graduates in the fields of medicine, psychology, kindergarten and elementary school teaching and certain phases of electricity, J. R. Varnell, veterans advisor, has announced.

At the same time, Varnell said, competition will grow keener for positions in the fields of engineering, chemistry, pharmacy, law, and personnel relations.

Varnell cited these conclusions from a report prepared for the Veterans Administration by the Occupational Outlook Service, Bureau of Labor Statistics, U. S. Department of Labor.

The study is being used by VA advisory and guidance officers as an aid in counseling disabled veterans planning to take educational and training courses.

The report concluded that: 1. The demand for health service is outstripping the supply of newly graduated doctors and dentists.

2. Despite a record-breaking number of awards of bachelor degrees in psychology in the past year, the need for psychology experts is still great.

3. In the next 10 years, one million teachers must be trained if goals of educational leaders are to be met.

4. There will be a "moderate increase" in employment in the electric utility industry over the next decade.

5. Despite employment opportunities in electrical engineering, engineering graduates generally will find stiffer competition for jobs.

6. There is increasing competition for jobs among chemists with only bachelors' degrees, but holders of advanced degrees have better chances.

7. Pharmacy graduates are still in strong demand but the 1951 graduating number probably will be twice the 1948 total of 1,971 and larger graduating classes are in prospect for several years.

8. "Many law graduates are already having trouble getting positions. The number of bachelors' degrees in law, already at a peak of 10,025 this year, is expected to rise even further because of a record enrollment of more than 50,000."

9. Job chances for newcomers in the personnel field are "not expected to be good" in the near future the report stated.

One hundred dollars will be offered for the best essay entitled "Why I Chose Air Conditioning Engineering As My Profession," L. S. O'Bannon, mechanical engineering department, announced today.

The contest is being conducted for the first time this year, and is being held in conjunction with the Fifth Annual Air Conditioning conference to be held on the Campus March 28-30, O'Bannon said.

The person writing the best essay will present his paper at the Conference. Deadline date for submitting an essay in the contest is March 15. Fifteen hundred to 2000 words has been set as the length for the essays, O'Bannon said.

Judges for the contest will be the conference chairman and the presidents of the Houston, Dallas, San Antonio, and Shreveport chapters of the American Society of Heating and Ventilating Engineers.

Only students who are members of an ASHVE student chapter at their school are eligible for the contest.

O'Bannon asked that anyone interested in submitting an essay in the contest contact him in room 104, mechanical engineering shop Non-student chapter members may also come by for information or eligibility requirements, he added.

Other officers of the class are Jack Fuller, vice-president, and Ray Haggis, secretary-treasurer.

Officers elected to the Junior AVMA were Joe Cox and John Wilkins, council; Joe Doak, program; John Gupton, membership and finance; Mahlon Huffman, publicity; Dee Jenkins, social; and Leon Gibbs, special.

Overstreet Wins Bull Riding First

Maxie Overstreet, a sophomore veteran student from Haslet, won first place in Brahman Bull riding last Friday at the Southwestern Exposition and Fat Stock Show at Fort Worth. Overstreet is a member of the Aggie Rodeo Club.

MIXED DRINK LAW BILLED IN HOUSE
AUSTIN, Feb. 8 (AP)—A bill permitting sale of liquor by the drink was filed Saturday for introduction in the House of Representatives.

Adam Injured By Fall While Enroute to La.

D. A. "Andy" Adam, extension radio editor, is in St. Joseph's hospital in Houston with serious neck and back injuries sustained in a fall January 30, Louis Franke, extension editor, said recently.

"Andy" Adam and Ken Gaten in charge of the new USDA radio service were enroute to Baton Rouge, Louisiana to attend a meeting of the Southern Agricultural Workers. In changing trains at Houston Adam slipped and fell on the ice covered pavement.

He went on to Baton Rouge, but began to suffer severe pains and was brought back to Houston Wednesday morning, accompanied by Jerry Seaman, Chicago, in Texas to make a report of the National Wool Growers Association meeting in San Antonio. His report will be broadcast over the NBC national farm and home hour. Adam had planned to interview Stanley Davis of the Texas Agricultural Experiment Station on this broadcast.

Mrs. Adam, who joined her husband upon his return to Houston, called Frances Arnold, assistant editor, and reported that X-rays showed that Adams has a broken neck and possible back injuries. He will be hospitalized for at least a month.

Jarvis Miller Heads Methodist Student Board

Jarvis Miller was elected chairman of the Student Board of Stewards of the A&M Methodist Church Thursday night, according to Gerald York, publicity chairman.

Other officers elected were Bobby Bland, vice-chairman; Cleve Walkup, secretary, and Jody Dameron, treasurer and chairman of the finance committee.

Committee chairmen named were Chuck Pickens, study and worship; Howard Holloway, fellowship; Charles Hendricks, ushering; Gerald York, publicity; Herbert Kauffman, building and grounds; Jimmy Harris, social actions; Don Jarvis and Tom Price, music; and Sam Barnes, evangelism.

Associate Pastor Asbury Lennox pointed out that this new student board would be in charge of all student work in the church.

Other members of the board include Leland Neeper, Louis Youngblood, Dick Scott, Paul Walenfelz, Tom Ogden, George Thomas, Robert Hinckley, Charles Owens, Walter Henslee, Correll Blair, Ted Pitzer, Guy Daniel, Fred Davis, John Olson, Don Kaspar, Tom Field, and Ken Garrett.

What Price Cowpoker?

Champ Cowboy to Swap Spurs for Shot Glass

By BILL BILLINGSLEY

Put away your cap pistols, kiddies, the Lone Ranger is just a farce.

You know how he and Tonto are always riding over the hill into the setting sun? Well, they aren't really riding away into another adventure next week which you should-be-sure-and-hear-a-and-also-eat-Puffie-Toasties' like the man says. We found out recently that they're just knocking off for a short beer.

This unnering revelation came from Denver, the tall, cool, rugged city which is supposed to produce cowboys that answer the same general description. But here is the ungarish truth as issued by the Associated Press:

"There's no ranch waiting at the end of the rodeo trail for Gerald Roberts. The nation's top cowboy is saving his money for a night club. The 28 year old Strong City, Kansas, cowpoke was picked the best all-around cowboy for 1948 by the Rodeo Cowboys Association with a total of 21,776 points—one for each dollar he won."

A night club! What has American cowpoker come to? How the Wild West's Winchester wielders of days gone by must shiver in their saddles at this latest travesty on their good name!

When William S. Hart raced an oncoming locomotive to rescue the fair damsel from her cross-tie cradle, provided through the courtesy of the villainous Jack Dalton, was it all done to procure pesos for a pilsner palace?

As Tom Mix plinked 13 successive painted savages with his six shooter with one hand and dealt himself a round of cold deck stud with the other, was his mind on the weeks paycheck from Republic, which he would promptly plunk down for a payment on a drink dispensary?

And while Buck Jones was splintering assorted furniture over the heads of the meanest looking set of heavies the casting office could dig up, did he mutter in his beard, "Each one I maim, each one I kill makes another payment on Jones' Bar and Grill?"

No! Several thousand times, no! The horse-borne heroes of days gone by were above that sort of thing. There's was a more noble cause.

But perhaps we're allowing fool-

Ex-Aggie Exhibits Prize Angus Herd

Arnold Spitzer, former student from Meridian, won his nineteenth blue ribbon Wednesday at the Southwestern Fat Stock Show in Fort Worth.

Spitzer, manager of the J. Garrett Tolan Farm, won the blue ribbon with a herd of Aberdeen Angus cattle.

While an animal husbandry major at A&M in 1936, Spitzer first hit the exhibition circuit with the Sunbeam Farms of Miami, Okla.

While at A&M Spitzer was a member of both junior and senior livestock judging teams.

ish sentiment to interfere with reality. After all, 21,000 potatoes would buy lots of Old Fashion glasses. And, too, you probably wouldn't get half so saddle sore on a chromium bar stool as on Five Minutes to Midnight. This old business of coming out of chute number 9 on Turpentine isn't all the RCA's publicity department would have us believe.

And after trying to bulldoze one of Madison Square Garden's range hardened steers under 9 seconds for three seasons, it might be pleasant to watch one of your customers wrestling the same critter on a platter with French fries. Even if the contesting customer got a "dog fall"—you still get the day money.

Tilling the soil with your hands is fine; but soiling your hands with a till is much more profitable.

It was really romantic when a strong son of the outdoors used to say, "Reach for the sky and hand over that gold dust, this is a stick up!" But now it's so much easier to say, "That check will be \$642.23, sir!"

Barnes Joins Department of Visual Aids

Walter Nelson Barnes has been named assistant director of the department of photographic and visual aids laboratory of A&M. He will be in charge of motion picture and film strips section, which includes utilization, and production and distribution, Howard Berry, director of the department announced.

Barnes came to A&M from Indiana University where he was supervisor of photographic service in the audio visual center. He is a graduate of the University of Texas and the University of Chicago. The author of several publications, he has been staff photographer for the research museum, Globe, Arizona, and technical representative of the Eastman Kodak Co.

His publications include Responsibilities of a Producer in University Film Production, Audio Visual Guide; A University Should Produce 16 mm. Films, School and Society; Teachers Can Make Filmstrips, a series, part one in Audio-Visual Guide for March.

Barnes is a native Texan. Born at Smithville, he attended Breckenridge high school in San Antonio where his parents live.

Senior Accountant Will Join College Insurance Agency

John K. Carr, 23, senior accounting student from Bryan, will join the American General Life Insurance Company on March 1, according to Sidney L. Loveless, College Station agent for the firm.

Carr will be on part-time basis until June, at which time he will be a full-time representative associated with the College Station agency. On March 1, the American General will open a branch office in Rooms 37 and 38, Astin Building, in Bryan.

Carr entered A&M in the Class of 1946, but his education was interrupted by military service. He served four years in the Navy and was discharged with the grade of lieutenant, junior grade.

The son of Mr. and Mrs. J. N. Sheppard of Bryan, Carr is a member of the Accounting Society, Brazos County Reserve Officers' Association.

Caltech Opens Rivalry For Hughes Awards

Advanced technical students at A&M may apply for the Howard Hughes Fellowships in Creative Aeronautics at the California Institute of Technology, Dr. Lee A. DuBridge, president of Caltech, announced recently.

Dr. DuBridge says that the awards are open to persons who school at Caltech.

Those qualified to enter the graduate awards consist of a gift of \$1,500 to Caltech to cover tuition and research expenses; a gift to each fellow of \$1,500 or more, depending on his qualifications; and a salary of not less than \$2,000 to each recipient for actual development work at Hughes' Culver City, California, aircraft plant.

Applications received before February 15, 1949, will be considered by a committee including representatives of Caltech and Howard Hughes.

Awards will be announced by April 1, 1949, and those selected will begin the program July 1, 1949, with a 10-week project at the Hughes' plant, DuBridge said.

Following the summer period, the fellows will be enrolled at Caltech in a program of study and research and will continue with their project work with the aircraft engineers.

Applications for the fellowships are available from the Dean of Graduate Studies, California Institute of Technology, Pasadena 4, California, DuBridge stated.

L. M. Blank Named Pathology Head

Dr. L. M. Blank, plant pathologist for the USDA and the Texas Agricultural Experiment Station, has been elected president of the Southern Division of the American Phytopathological Society.

The Southern Division of this society includes persons interested in plant diseases and their control who are located in the area below a line from Arizona northeast to Maryland.

New officers were elected by the society at its annual meeting held in Baton Rouge, La., in connection with the yearly meeting of the Southern Agricultural Workers Association.

At the meeting Dr. Blank presented two scientific papers which dealt with the bacterial blight disease of cotton.

EE Relay Course Planned in March

The electrical engineering department is sponsoring a short course on protective relays March 14, 15 and 16, according to an announcement by L. M. Haupt, chairman of the course.

The meetings will be conducted in Bolton Hall with different speakers presiding.

Approximately 150 electrical engineers are expected to attend, He concluded.

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