THE BATTALION Wednesday, October 23, 1968 College Station, Texas Page 3

Ag Students

Name Leaders

Officers of the 1968-69 Student Agricultural Council were elected recently after a supper at the home of Dr. R. C. Potts. Associate Dean of Agriculture for

Sam Reeves, a senior wildlife science major from Beaumont, was elected chairman of the council. He is president of the Fish and Game Club.

Vice - Chairman is Kenneth Graeber, junior from Brenham. Graeber is an agricultural economics major representing the Agricultural Communications

Diane Ruedich, a senior floriculture major from Marion, is the secretary. She is president of the Floriculture Club. Howard Hicks was elected treasurer. He is a senior from Bandera and president of the Agricultural Economics Club.

Tom Curl, a junior agricultural journalism major from San Juan, is the council reporter. Curl is president of the Agricultural Communications Club.



become acquainted with during the next six weeks. It is a polygraph machine, commonly referred to as a lie-detector. Discussing procedures with him is A&M Police Training Ag Enrollment Up

cine. Other land-grant institutions

do place such students in agricul-

tural enrollment.

POLYGRAPH INSTRUCTION

Albuquerque, N. M., police detective Don Fuller (right),

take a close look at the piece of equipment he will intimately

Total enrollment in the College Kunkel emphasized that the College of Agriculture enrollment of Agriculture amounts to 2,431 students for the fall semester figures do not include students enrolled in pre-veterinary medi-

compared to 2,215 a year ago. Dr. O. H. Kunkel, dean of agriculture, said the College of Agriculture is ranked Number 2 in enrollment, with the College of Engineering in first place. The College of Agriculture has just above 18 percent of the University's total enrollment.

Of the 2,431 for all students in the College of Agriculture, 1,661 are undergraduates. At this time last year, undergraduates num-

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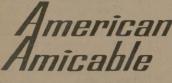


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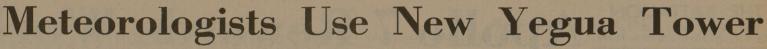
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Central Texas.

Now competing with the sighing of wind in scrub and pin oak, black jack and persimmon trees is the steady hum of air blowers. Birds chirp against the background chatter of a typewriter.

When two micrometeorological stations are calibrated and functioning properly, only an occasional visitor will disturb the tranquil

A 108-foot high tower that throbs with electronic life and a large trailer van have become a part of the East Yegua Creek watershed country.

Electrical pulses that flash along a bundle of cables from tower to van may aid the quest to more accurately predict weath-

Two of the micrometeorological stations between Lexington and Caldwell will be operated by Texas A&M's Meteorology Department as part of Project Themis, Department of Defense-funded multi-pronged reseearch program

Stations on H. H. Cauffield and W. C. Stegmiller land produce a Waco phone book-size volume of data daily on wind speed and direction, soil temperature, relative humidity and insolation, amounts of solar radiation.

Whirling anemometers measure wind speed at one-quarter, onehalf, one, two(four, eight, 16 and 32 meter levels. At the same distances above ground are drywet bulb thermometers. Cables that disappear into the ground at the foot of the tower take soil temperatures at three, six, 12, 25, 40, 65 and 100-centimeter depths.

Electronic apparatus in the van takes data from 25 instruments

is printed out automatically on an IBM typewriter and can be perforated onto tape for direct computer input and anlysis.

The automatic stations will be checked daily by George Hines, department technician. John C. Kocher, electronics technician, makes major repairs. Two stations about eight miles apart are being set up by a crew headed by Robert Rogers, research engineer with Dr. William H. Clayton.

The meteorology professors will use data to verify simulated atmospheric models.

"We'll try to use it," noted Dr. Vance E. Moyer, Meteorology Department head. The department operates the stations that were

Ransdell Files For Holleman's **Council Office**

Cliff H. Ransdell has announced his candidacy to fill the unexpired term of the late City Councilman Theo R. Holleman.

Ransdell, a resident of College Station for 31 years, is currently Assistant Dean of Engineering at the University.

In making his announcement Ransdell stated that, if elected, he would work for continued growth of the community on a sound financial basis. "With the growth in our city, I am aware of the many problems which confront us," he said, "and accept the challenge to be a part of the administration guiding its direc-

New sounds have invaded quiet on the tower and a pyrheliometer designed, built and utilized by ogical study with the department's clearing in remote woods of East on a 12-foot tall "goal-post." It Clayton in his 1960-62 Dallas dual beam radar system, also part tower project.

Data taken is at the micromet scale, which is to the oveerall weather of an area as a leaf is

"This is more search than research for us," Moyer went on, 'We'll be looking for ways to tie in with our research in the

at optimum range for meteorol- feet of the ground.

dual beam radar system, also part of Project Themis. The East Yegua is covered by a network of stream and rain guages to correlate rainfall and runoff with radar

The micromet stations are below the radar beam, which is line of sight. Meteorologists have yet to "tie" together weather up where clouds tumble and thunder-The East Yegua basin is located storms roll to that within 100

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Incidentally, we're known in the communications field as General Telephone & Electronics. But though you may not recognize our name, maybe the name Sylvania rings a bell. Pssst. It's one of our companies. Pass it on.