

WEATHER

Fair today with an expected high of 64. High yesterday, 68; low, 40.

The Daily Tar Heel

SUCCESS

Those who have gotten ahead had a certain birth-right. See editorial on page 2.

VOLUME LXII NUMBER 55

Complete AP Photo and Wire Service

CHAPEL HILL, N. C.

TUESDAY, NOVEMBER 24, 1953

Complete AP Photo and Wire Service

FOUR PAGES TODAY



COSMIC RAY physicists, meeting next week at Duke, will be talking about cosmic ray particles reported to have roughly 16 billion times the energy of a particle released in an A-Bomb explosion like this one. This photo of an atomic explosion was taken during experiments at Eniwetok proving ground in the Pacific—NEA Telephoto.

Leading Physicists To Meet

Tiny, Yet Powerful Cosmic Rays Are Here, But Hard To Catch

By Charles Childs

Some of the world's leading cosmic ray physicists will hold an international conference at Duke University for three days beginning next Monday.

Dr. E. D. Palmatier, Dr. A. H. Masket, and Dr. E. Merzbacher of the Department of Physics of the University are among the 70 invited scientists, along with representatives from France, England, Sweden, Mexico, Canada, Puerto Rico, Bolivia, and Brazil.

The conference will evaluate the current status of cosmic ray research, research which is considered important due to the nature of the cosmic ray particles. These particles are constantly bombarding the earth's atmosphere. One of these particles may have a billion times the energy of a single particle released in the H-bomb. They may cause biological changes, and these changes are currently being investigated by the Armed Forces at Pensacola, Randolph Field, and Fort Knox. Not only are the effects of cosmic rays of vital importance to us, but their properties are most unusual.

Cosmic ray particles (there are more than 16 different ones) have tremendous weight and energy. If enough of the lightest ones were assembled to equal the size of a grain of salt, the grain would weigh more than thirty-one Fleetwood Cadillacs (four-door, with radios and air-conditioning units.) To give an idea of their size: It would take more than 20,000,000,000,000,000,000,000,000,000,000 to equal this grain of salt.

The energy of the heavier particles may be more than fifteen billion electron volts, but don't worry about being electrocuted. Only about one of these high-energy particles enters the atmosphere each day. If one has or does hit you, it would take less than one millionth of a second to go through you. It can penetrate 600 feet of solid rock, so don't try to catch one. Even if you did, you wouldn't have it very long. Anytime between a millionth of a second and three seconds, it would disintegrate.

By the way, from the time you started reading this article up to now, two light particles

have passed through your "solid" body.

Today very little is known about the source of cosmic rays, and more research is needed before this, along with other im-

portant facts, can be determined. Although the Duke conference is to be concerned with the rays' physical aspects, it will have a profound influence on future research in this field.

U. S. Has Survived Cold War, Ahead In Atomic Race -- Groves

The United States has survived the tensions of the "Cold War" for only one reason—it is still ahead of Russia in the race for the development and production of atomic weapons.

This view was expressed yesterday by Lt. Gen. Leslie R. Groves, who during World War II was responsible for all activities involved in the development, production and use of the Atomic Bomb and who is now vice-president and director of Remington Rand, Inc., Stamford, Conn.

General Groves spoke at the luncheon session of the 14th annual Symposium on Accounting and Taxation here.

In his address, General Groves declared that "as long as we have the power to destroy Russia if she strikes at us, she will not strike. Once we lose that power, we are lost."

Pointing out that the task of maintaining this superiority is basically a job of research and development, he said, "we have got to keep going and build weapons whose destructive threat would make an attack against us by any nation a virtual decision of suicide."

Security Race

In this total race for world security, General Groves said that "our development of new devices for speeding up industry and business is just as necessary as the development of the super A-bomb and the hydrogen bomb. The continued improvement of our economic and industrial production must run parallel with improvement in our military equip-

ment. One cannot survive without the other. The day we begin to lose the advantage we now have, our enemies will close in like devouring wolves.

"With the development of modern electronic data handling devices, such as the electronic brain," General Groves said, "we are enabling our industries and business organizations to keep pace with the advancing requirements of the atomic age—for both military and industrial purposes.

"In this all-out struggle for survival—and in this total war—whether you want to call it 'hot' or 'cold'—the machines and methods that speed up business are as vital as the plants that turn out bombs."

General Groves explained that, contrary to popular belief, the new electronic machines do not turn people out of jobs. "Instead," he said, "they create jobs."



LT. GEN. LESLIE GROVES

Did Harry Do Right?

Phi To Debate HST's Actions

The Philanthropic Assembly, one of the University's two debating societies, will delve into the Harry Dexter White case tonight when it meets at 8 o'clock in the Phi Hall on New East's fourth floor.

The controversy which has covered the front pages of newspapers for almost two weeks will be dealt with in the form of a resolution commending former President Harry S. Truman for his refusal to testify on the matters before the House Un-American Activities Committee.

The bill congratulates the former chief executive for his "courage in standing by the principle of the separation of powers." It says that he was right in refusing to testify and answer questions

on his conduct during the period he was in the White House.

The measure also calls for the resignation of Attorney-General Herbert Brownell who started the national debate with a speech before a Chicago gathering two weeks ago, and it castigates Velde of Illinois for issuing a subpoena to Truman "without consulting any of the members of the committee of which he is chairman, the House Committee on Un-American Activities."

Opponents of the bill contend that the committee and the Attorney General were legally and patriotically right in their actions. They say that Truman, as a private citizen, should answer the subpoena as any other private citizen is required.



Overheard on campus: "Sure the department will get rid of him by next year, but by that time I will have failed his lousy course."

Underweight student looking a little on the green side as he stuffs himself with Lenoir Hall food in an effort to make the Air Force ROTC weight limit.

Coed throwing mug of beer on Rathskeiler employee after he shoots her with water gun.

New, Private Music Series Being Planned

By Richard Creed

A series of at least four—maybe six—symphonic and operatic attractions may come to Chapel Hill during the school year starting next September.

A group of 13 people, including faculty, townspeople and administration, met yesterday and decided to "give it a try." The group proposed to set up a civic music association. Membership in the association will be open to students, University personnel, and residents of Chapel Hill.

The new concert group here is independent of the Student Entertainment Committee series of a half dozen or so attractions given annually and paid for by students through their \$15 yearly block fee. Neither is it connected with the recently announced plan of President Bob Gorham to bring in one subscription concert a year "extra" for students wanting to buy it.

A membership drive for the new association will be carried out sometime this spring, the group decided. Only members will be admitted to the performances, which would be held in Memorial Hall if arrangements can be worked out with the University.

No tickets will be sold for individual performances. Price of membership for faculty and town adults will be \$6 per year. The student and town children price will be \$3 yearly.

The group met with a representative of Concert Service, Inc., which arranges such series for cities all over the United States. Greensboro, Raleigh, and Durham are among the North Carolina cities using the service.

Talent for each season will be selected by ballot by the association members. The number of attractions (six is the maximum) and the quality of them will be determined by the response to the membership drive, it was pointed out.

Among the attractions arranged by Concert Service, Inc., are Patrice Munsel, Blanche Thebom, Marian Anderson, Burt Baum, Jan Peerce, Robert Merrill, Ezio Pinza, Sandler's Wells Ballet, Detroit Symphony Orchestra, Artur Schnabel, and the Vienna String Symphony.

Elected officers yesterday were President Jimmy H. Davis, proprietor of University Florists; Vice-President J. P. Harland of the UNC Classics Department, and Jimmy Wallace, director of the Carolina student union.

UP Meets Tonight In GM, Asks Candidates Attend

The University Party will hold an important meeting tonight at 7:15 in the Roland Parker Lounge of Graham Memorial.

All candidates nominated by the University Party for class officers and Legislature seats are especially urged to attend, UP officials said.

A Breather

Tomorrow's issue of The Daily Tar Heel is the last one until after Thanksgiving holidays.

Deadline for this issue is the same as for all week days, 3 p.m.

Leaflets, Parade, Buttons, Queen, Pep Rally--All Will Say 'Beat Dook' As UNC Whomps Up Spirit Today

Tar Heels will be given the "beat Dook" spirit by a shower of beat Dook leaflets from the sky this morning, a "beat Dook" parade this afternoon at 3 o'clock, a "beat Dook" pep rally tonight at 9 o'clock, a deluge of "beat Dook" buttons all day, and a "beat Dook" queen.

"It looks to me as if it is going to be the greatest," said Bill Calvert, chairman of the "beat Dook" parade, yesterday. "We've got about 30 floats, plus the NROTC color guard, drill team, drum and bugle corps, the University Band and the Lincoln High School Band," he said. The parade is sponsored by Pi Kappa Alpha fraternity.

The "beat Dook" queen was picked last Thursday and will ride in the parade with a court of six. And about all Head Cheerleader Jim Fountain would say about the "beat Dook" pep rally tonight was, "It'll be a whooper."

"Although it will be four days before the game, the spirit which we generate at this rally should more than survive the holiday," he added.

"Since this is the last pep rally of the year," said Fountain, "we've gone all out to make it the best. Head Coach George Barclay will be on hand with the entire team. The University Band will pep it up. We've invited Chancellor House and the entire coaching staff to appear and make brief talks," he said.

Floats for the "beat Dook" parade this afternoon will line up in front of Woollen Gym facing west.

The parade will start moving down Raleigh Street at 3 o'clock, proceed to Franklin, go through the downtown district and up to Hazzard Motor Company. It will turn left there, go up to Cameron Avenue, and back to Woollen Gym where it will disband.

Awards will be given for the best float sponsored by men's dorms, women's dorms, fraternities and sororities. Judges for the contest will be Chancellor R. B. House, Colonel George Smith of the AROTC, and E. Carrington Smith, manager of the Carolina Theater. Judging will take place at 2:30.

The pep rally will begin at 9 p.m. with a car caravan leaving Woollen Gym, and winding through the campus. The cars will park behind Graham Memorial, and students will walk down to Franklin Street. The street will be blocked off from Columbia Street to the post office, and no cars will be allowed.

Prizes won this afternoon will be awarded at the pep rally tonight.

"Beat Dook" leaflets will be dropped from a plane this morning between classes at 10 and 11 o'clock. "Beat Dook" buttons and cards will be given out.

Hugh Sample Will Lead State College Freshmen

RALEIGH, Nov. 21 (AP)—Hugh Sample of Greensboro has been elected president of the freshman class at North Carolina State College.



POSING FOR PHOTOGRAPHERS on his arrival at Andrews Air Force Base, Washington, D. C., Cpl. Edward Dickenson, the G. I. who changed his mind about staying with the Communists in Korea, talks with his father, Van Buren Dickenson (right) while his mother, (2nd from left) tries to comfort her daughter Rose who burst into tears. The family drove 15 hours from their farm at Cracker's Neck, Va., to greet their son—NEA

TAKE NOTICE

TAR HEELS

help

BEAT DOOK

and

Win Back 'V' Bell

GIGANTIC CAR CARAVAN

Beginning at Gym - 9 o'clock Tonite

Followed By

PEP RALLY DOWN TOWN

HERE'S ONE OF THE handbills that UNC's Twentieth Century Paul Revere, a low-flying airplane, will shower over the campus this morning between 10 and 11 o'clock. Purpose of the several thousand sheets of paper is to bring out a large crowd of Carolina guys and gals for tonight's Beat Dook Rally. Sponsors are hoping that the University year's biggest gridiron battle will see the year's biggest pep rally.

Levine, Myers Place Second In USC Forensic Tournament

Al Levine and Ken Myers, negative team for UNC's varsity debate squad placed second out of fifteen negative participants in the 1953 forensic tournament last weekend at the University of South Carolina. Thirty teams, fifteen affirmative and fifteen negative, entered the tournament to debate the topic:

"That the United States should Adopt a Policy of Free Trade."

Beverly Webb, president of the squad, and Dave Lieberman placed fifth in the negative group. The president was second in an impromptu speaking contest held in connection with the debate contests.

Representing the University were Webb, Lieberman, Al Levine, and Myers, negative; John Moore, Bill Moore, Dave Tannanbaum, and Dave Burrows, Affirmative. Other schools participating were South Carolina, Kentucky, Georgia, Virginia and Mississippi.

Try-outs for the debate squad will be held today at 4:30 in the Grail Room. Members will be chosen in anticipation of the fourth annual Hall of Fame tournament to be conducted by New York University on Dec. 12. Two teams from Carolina will attend the tournament to debate with teams from other schools all over the country.

Di Will Debate Revolt's Evils

Senator Stanley Shaw of Greensboro will introduce a bill condemning the Industrial Revolution at the Dialectic Senate debate tonight at 8 o'clock.

Shaw will call for the Di to abandon the Revolution for its creation of a cultural lag, for its causing philosophy, religion music and art to take a secondary place in relation to the quest for the dollar and struggle for power.

Proponents of the measure point out that causes of world wars can be traced directly to the competition that arose as a result of so-called scientific "progress". Opponents to the bill feel that the Industrial Revolution has been a miraculous achievement of human genius.

Yule Program At Planetarium

"Star of Bethlehem" most popular of all Morehead Planetarium programs, opens tonight at 8:30 p.m., and will continue through January 4.

The combined religious, scientific and historic nature of this presentation has, in past years, attracted visitors from far and near. This year, larger and more beautiful scenes and special effects, will provide greater enjoyment for all who attend, according to Anthony Jenzano, Planetarium manager.