

It should be sunny today and Saturday with highs both days in the upper-50s. Nights will be chilly and in the 30s.

Some student tickets remain for the ECU game and can be picked up between 8:30 a.m. and 4:30 p.m. today at the Carmichael Auditorium ticket office.

## Nuclear explosion may have occurred in South Africa

WASHINGTON (AP)—U.S. intelligence has evidence indicating South Africa may have exploded a nuclear device in the atmosphere on Sept. 22, government officials said Thursday night.

Intelligence officials said the indicators, picked up by a U.S. reconnaissance satellite, were not conclusive enough to make a firm judgment and it was possible the satellite detected a natural phenomenon.

However, the officials, who asked not to be named, said the weight of opinion is that it was an explosion in the atmosphere.

U.S. officials are checking other sources of information, including various detection devices, and have contacted U.S. allies in Western Europe to determine what their intelligence may have learned.

The State Department said in a statement that it was continuing to assess evidence that a "low-yield nuclear explosion occurred on Sept. 22 in an area of the Indian Ocean and South Atlantic, including portions of the Antarctic Continent and the southern part of Africa."

Last year, the intelligence sources said the United States and the Soviet Union both independently detected through satellite photography signs that the South Africans may have built a nuclear test

structure in the Kalihari Desert. The Russians contacted the United States.

A nuclear explosion would most likely have involved a test device rather than a finished weapon, the sources said.

However, even an experimental nuclear test would be a significant and ominous development because it would raise the likelihood that South Africa was moving toward nuclear weaponry.

This could seriously inflame tensions in the African continent, where South Africa finds itself under political siege because of its apartheid racial policies. The United States already maintains a tight arms embargo against South Africa.

A spokesman for the South African government was quoted as saying that the report was "mere speculation. South Africa has insisted for some time that it has no interest in building a nuclear device."

A South African advance toward nuclear weapons would further complicate Western and Soviet efforts to limit proliferation of nuclear weapons.

The nuclear weapons club currently includes the United States, the Soviet Union, mainland China, France, Britain and India, which exploded its first nuclear device about five years ago.

There is a strong belief in the intelligence community that Israel has produced nuclear weapons, but there is no public evidence of that fact.



Newton at public hearing on Chancellor search ...disapproved of composition of committee

## Many ideas heard on chancellor hunt

By PAM HILDEBRAN  
Staff Writer

University Trustee Clint Newton criticized the composition of the Board of Trustees' chancellor selection committee Thursday at its five-hour public hearing in the Morehead building.

The committee was appointed to nominate two or more candidates to replace retiring Chancellor N. Ferebee Taylor. The public hearing, during which 17 administrators, faculty, students and local residents spoke, was held to give the general public the opportunity to suggest qualifications which they thought the new chancellor should have.

"I want to say on the record that when the trustees met to select the search committee, I voted against its make-up," Newton said. Newton, a resident of Shelby, said he feels the committee is lacking because it does not have enough black members, not enough women and no members who reside east of Raleigh.

"We've got to get this University back to closeness with the people of this state," Newton said. "I think it's a crying shame that this committee doesn't have representatives from the eastern part of the state. Is there nobody east of Raleigh capable of choosing a chancellor?"

Committee member Thomas Lambeth defended the representation, saying that there were some limitations, considering the committee had to be selected from among trustees, faculty and alumni.

Newton said that was exactly what he was dissatisfied with. "Pick a barber, pick a garbage collector," he said.

Committee Chairman Ralph Strayhorn told Newton that he should have chosen another time

than the public hearing to discuss the matter but Newton said he would make no apologies. "Nobody told me I could come at another time," he said. "I read in *The Daily Tar Heel* that there was going to be a public hearing, gave my name to Virginia Dunlap (the committee's secretary) and showed up."

Other unexpected comments came from Hillsborough resident Stewart Barbour. In listing problems the new chancellor will face, he said, "You don't criticize a fellow brave until you wear his moccasins."

Barbour said the new chancellor will have to worry about getting adequate funds from the legislature to compete academically with the University of Virginia, attracting more students to compete with the University of Maryland and attracting new faculty to replace the "ones who hang around for 60 years and then retire."

"We would like for the University to withdraw just a little bit from the community," Barbour said. "How do you feel the city has failed you that you feel the University has to dominate the political life of Orange County?"

Barbour criticized bond referendums, property re-evaluations, allowing UNC students to vote in local elections, an incident in which a flag was thrown into the dirt on the UNC campus last January and UNC faculty representation on local boards.

"There are two faculty members on the county board of commissioners," Barbour said. "I think two professors on a five-man committee is too much." Commissioner Don Willhoit is director of the UNC

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## Carrboro alderman race

# Election candidates 'get along'

By PAM KELLEY  
Staff Writer

To say that the Carrboro alderman race has been a low-key campaign so far would be an understatement.

The four candidates running for three open seats on the Carrboro Board of Aldermen haven't been calling names or slinging mud. Instead, they agree on all the major campaign issues. They compliment each other. They get along.

*An analysis*

All of them have experience in Carrboro town government. Two, John Boone and Ernie Patterson, are incumbents. The other candidates, Miles Crenshaw and Steve Rose, have worked extensively with the board in citizens' roles.

All of them support recruiting industry for Carrboro, working for planned growth, providing quality bus service and recreation facilities and encouraging housing developments in Carrboro.

If a voter wants to make an informed decision when he chooses three aldermen in the Nov. 6 election, he'll have to take a close look at the

candidates.

"It's hard to distinguish between candidates," Crenshaw said. "We sound like echoes. The town will benefit no matter who is elected in the alderman race. There are some differences between us, but it gets down to splitting hairs."

"I'm not running against anyone, and I think that's true of everyone else, too," he said. "Everyone is agreeing on the issues because of the accomplishments that have been made by the current government. No one's going to try to turn them back. Most of the campaign is concentrating on a continuation and extension of the programs already begun," he said.

Crenshaw is particularly concerned about bringing industry into Carrboro which would provide jobs and expand the town's tax base so that town services could be expanded. He worked on a town government committee which has been searching for possible industrial sites in Carrboro for the last six months. He said he has been putting so much time into that work that he has not had much time to campaign.

"If I had a choice of finishing this project or getting elected, I think I've already demonstrated that I'd rather finish it," he said.

Boone agreed that the main issue of the campaign is bringing industry into the town, because he said it would take some of the tax burden off small businessmen and property owners.

He said that he differs from the other three candidates in that he is more of a voice of the long-time residents of Carrboro. "I figure I'm a conservative, but you can look at my record and see that I've taken the liberal position on some issues, too," he said.

Although Boone supports Carrboro bus service now, he was against it in past years because he felt the town should not have to subsidize it. "I know it is here to stay, and I can see that it benefits the whole community. I still wish there was some way it could pay for itself, but I realize there isn't," he said.

Like Crenshaw, Boone said he wasn't running against anyone, and he felt the election of any of the candidates would benefit Carrboro.

But Patterson disagreed. "There are differences in the way the candidates deal with things and look at problems," Patterson said. "People have changed their minds about buses because I went out on a limb and supported them because I thought people would use them."



Crenshaw Patterson

## UNC urges duplication be studied

By JIM HUMMEL  
Staff Writer

UNC officials took another step Thursday in their battle over desegregation with the Department of Health Education and Welfare, revising and revamping their proposals for the system.

In preparation for an administrative hearing next March, the University has clarified its position on desegregation and duplicative programs within the 16-campus system.

Sources have said UNC attorneys suggested a UNC/HEW study of overlapping programs at predominantly white and black schools to determine which programs should be transferred or cut.

"We don't have any dramatic new proposals," UNC President William C. Friday said Thursday.

"This represents what I would call the next step by our lawyers in the proceedings. Our position in the matter is pretty well fixed. Now we are just beginning to get it all down on paper," Friday said.

UNC and HEW have haggled over the desegregation issue since 1969 when a suit was filed by the National Association for the Advancement of Colored People Legal Defense Fund seeking to force the system to desegregate.

Last spring, UNC went to court to prevent HEW from cutting off the \$89 million in federal aid the system receives annually. U.S. District Judge Franklin Dupree issued an order halting any cutoff until the case is heard in March.

There was speculation earlier this week that the case might be handed over to Dupree from U.S. District Judge John Pratt, who has handled the case because he heard the original suit filed by the Legal Defense Fund.

In another development, David Tatel, director of HEW's Office of Civil Rights resigned on Tuesday, fulfilling a pledge he made earlier this year.

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### Second day in a row

## Bomb threat cancels classes

By MARY BETH STARR  
Staff Writer

"I don't like classes on the grass," Associate Professor Julio Cortes said Thursday. "Only for this occasion I held them."

Cortes was one of a few professors who did not cancel classes because of bomb threats to Dey Hall Wednesday and Thursday. "I think it's a service to them (the students) to have the class," he said. "We didn't need any desks or anything."

Thursday's threat was called in at 10:45 a.m. to the Dey Hall language lab. University Police said. Hildred Grill, who received the call, said the caller was a woman with a "harsh, hard voice." Grill said she missed the first words, but heard the word "bomb." The caller further stated, "I'm mad as hell this time. I mean it. Clear the building between 11 and 12."

Most 11 a.m. classes in Dey Hall were canceled Thursday. The building reopened at 12:30 p.m. and classes were held as usual the

rest of the day.

Siegfried Mews was another professor who did not cancel his class. He moved his 11 a.m. German 111 class to the Pine Room. "A little noisy, but not too bad," Mews said. It's not quite ideal, but certainly preferable to canceling the class."

University Police reports show 15 bomb threats have been reported in various campus buildings since the beginning of July. "It's much worse than past years," University Police Lt. C.E. Mauer said. "Last year there were only eight in the whole year."

Mauer added that calling in a bomb threat is a misdemeanor, punishable by up to six months in jail, a \$500 fine or both.

One professor in Dey Hall said the last threat to the building before this week was received seven or eight years ago. At that time, the campus was experiencing a rash of bomb threats, he said. Memorial Hall was designated as a "safe building" to which all classes were moved, he said.

## Does anyone really know what time it is?

By MARTHA J. JOHNSON  
Special to the Daily Tar Heel

Ah, it's that time again. That yearly event that lets college students know that God and the government are looking out for them, that gives them a renewed sense of the possible. It's time to switch back to Eastern Standard Time, which gives an extra hour just for us. Saturday night is the big occasion.

All you need to do is wind your watch back an hour and reset your alarm clock, and that precious time is yours.

You'll be on time with the rest of the world again. Or so you think. Actually, keeping the "correct" time is no easy task.

The clocks on campus can testify to that. There are some 625 clocks in the academic and administrative buildings on campus which are all hooked up to one central circuit. But how many read the same time? The time can vary by more than an hour as you go from floor to floor in the same building.

"You really don't realize how many clocks there are until they get off," says Ed Sanders, the maintenance

superintendent of the physical plant. "They we get so many calls!"

The campus clocks are connected to the master clock system which is housed outside the University power plant, Sanders explains. A signal is sent out along the electric lines to the campus clocks every hour to adjust the second hand so that it matches the time of the master clock. An electric impulse for the minute hand is sent out twice a day. In order to set the clocks back, the entire system is shut off for exactly one hour.

The physical plant is also in charge of the Bell Tower clock. "We have to send an electrician up there to change it manually when it needs to be reset," Sanders says.

But even the time on the master clock has to be reset to remain accurate. Where does this accurate time come from? From the National Bureau of Standards in Washington, D.C., Sanders says.

The clocks in the dormitories are another matter. "Some of them are on the master system, but the ones not on the system have to be changed manually by someone within each building," says Ed Goehring, South Campus supervisor of maintenance for the

housing department.

The Chapel Hill Community Transit buses also depend on the right time.

"We have our time set with WCHL," says Otis Evans, who works for the bus system. "Every hour I give a time check to all the buses." Each driver has a block sheet that has the times they should reach each destination.

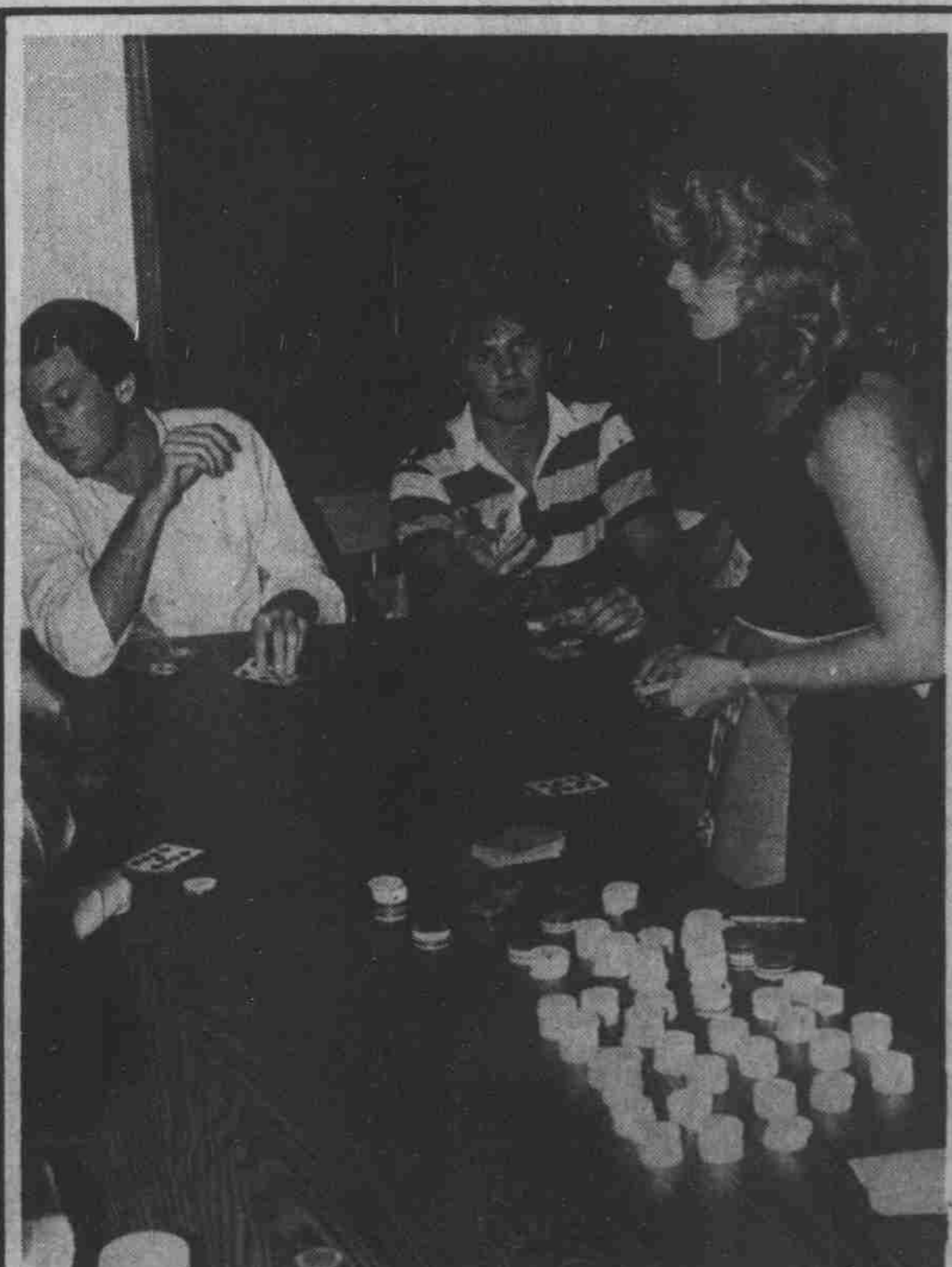
But where does WCHL get its time?

From the "Mutual News Service," the agency which supplies WCHL's national news. When the time is given on the air from the news service, the WCHL clocks are set to it.

But not all radio stations are the same.

WXYC occasionally gets its time from the time piece in Mitchell Hall. "But normally we call another radio station in the area, like WCHL, especially if our power goes off," says Tim Maloney, station manager at WXYC. "And other radio stations call us, too."

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Checking out the odds

A hand of blackjack at a recent Granville Towers' casion night