

Costly storms batter N.C. coastline

By SHARON KEBSCHULL
Staff Writer

A combination of astronomical events and a severe storm on the North Carolina coast left \$6.5 million in damages over New Year's Day, according to the National Weather Service.

A rare arrangement of the moon, sun and Earth caused unusually high tides. The tides, coupled with the storm, battered residences and businesses and eroded the beach in four counties.

Twenty-three public beach accesses were damaged, said Tom Dipt of the Emergency Management Bureau. In Topsail Beach, 114 homes had damage to their main buildings, and 128 had damage to their steps or decking. Water seeped into the town hall at Carolina Beach.

Kure Beach had the worst erosion, 20 to 40 feet horizontally, he said. Topsail Beach already had \$3 million worth of damage from a Dec. 2 storm, he said.

"The water wouldn't have been so high without the coastal storm," said Joe Pelissier, meteorologist with the National Weather Service at Raleigh-Durham Airport. "It's the battering action of the waves from the storm that erodes the beaches."

The waves at Wilmington reached 5.2 feet, which is higher than normal, but only by a few inches, he said. For example, the high tides of Dec. 1 reached 5 feet, but they were just higher waves without the added battering action of the storm Jan. 1, he said.

"There was sand on the streets,

and houses that had sand washed out from under them, so that they were kind of waving," said Jeffrey Luttrell, a freshman from Wilmington. "There was lots of erosion. The main damage happened New Year's morning at 8 a.m., because that's when high tide was."

Scott Tinsley, a sophomore from Wilmington, said the storm damaged the pier at his family's house in Wrightsville Beach. "Eight boards got pushed up and the support beams rotted out," he said, adding that he did not know how much it would cost to fix the pier.

The sun's strongest pull on the tides occurred Jan. 4, and the strongest lunar pull was Dec. 30, said Lee Shapiro, director of the Morehead Planetarium. The sun's strong-

est pull usually occurs once a year, and the moon's occurs about once a month. Because they rarely occur at the same time, they normally "cancel each other out," Shapiro said.

Such alignments of the moon, sun and Earth occur only about once every 18½ years, he said.

"Those three key parts came about five days apart," Shapiro said. That stretch of time was not enough to keep the alignment from making the tides stronger because they were building up all along.

He added that the storm's effect made the low tides higher than the normal high tides. The alignment's tendency would be to make the low tides lower and the high tides higher, he said.

Lugar wins vote over Helms

From Associated Press reports

WASHINGTON — Sen. Richard Lugar of Indiana said he gained a 7-0 vote of confidence Tuesday from Republicans on the Senate Foreign Relations Committee, but Sen. Jesse Helms of North Carolina vowed to continue his campaign to become the panel's GOP leader.

"I see it as a vote of support for the leadership I've given, a vote of confidence," Lugar said.

But Helms called the vote meaningless because it came two hours before the 100th Congress

News in Brief

officially convened and before the committee had been formally constituted.

Soviet arrests target drugs

MOSCOW — More than 4,000 people were arrested as part of Operation Poppy '86, indicating that narcotics are the latest target of Soviet leader Mikhail Gorbachev's war on social ills, Pravda reported Tuesday.

Shearon Harris plant tests reactor's reaction

By PAUL CORY
Staff Writer

A chain reaction Saturday at the Shearon Harris Nuclear Power Plant near Raleigh signaled the start of the plant's low-power testing program.

"The reaction will continue for a while," Mac Harris, manager of News Services for the plant, said. "Over the next several weeks, the amount of power being produced will be gradually increased."

However, he said that the plant would not be in continuous operation. "During testing, we bring the plant on line, run it up to a certain (power) level, then shut it down." This process will be repeated many times during the testing sequence, Harris said.

The testing process will continue for several weeks, cumulating in "acceptance tests," in which the plant is run at full power for 100 hours, then shut down. If it passes these tests, the plant is considered ready to go on line as a commercial power plant, he said.

Dan Coleman, spokesman for CASH (Coalition for Alternatives to Shearon Harris), called the low-power testing a "mistake."

"It was premature for the NRC (Nuclear Regulatory Commission) to give Shearon Harris a low-power testing license before (hearing) the allegations made by a confidential informant about serious problems with the plant's workmanship that would interfere with the plant's ability to operate and respond to an emergency," Coleman said.

The confidential informant's allegations include falsification of documents, improper inspections and the improper substitution of materials, including the drawing up of blueprints to match the way the work was done, instead of working from the blueprints, Coleman said.

On Thursday, the NRC will hold a hearing with the Harris plant on the agenda. Two busloads of CASH members will be traveling to Washington, D.C., to participate.

Coleman said the hearing will probably not result in a full-power license for the Harris plant. "There is so much that needs to be done (in regards to Shearon Harris), even from the NRC's often foggy viewpoint, that the NRC would not want to go on," Coleman said.

He also pointed to the NRC's recent troubles with a plant in Texas, where NRC inspectors have been accused of improperly approving work and intimidating workers, as evidence that the NRC will be reluctant to license the Harris plant at this time.

Police begin enforcing seatbelt law

By MICHAEL A. KOLB
Staff Writer

The new year rang in with a flurry of citations for violations of North Carolina's mandatory seat belt law.

Although the law has been on the books since October 1985, officers just began to enforce it Jan. 1 with a \$25 fine. Until then, violators only received a warning.

The N.C. Highway Patrol and all local police forces — municipal, county and campus — have the authority to issue fines for not

buckling up.

The fine is an infraction that costs the driver neither insurance nor driver's license points. It can be paid through the mail or at a local magistrate's office. The violator does not have to appear before a judge unless he wants to dispute the citation.

During the first four days of the new year, the N.C. Highway Patrol issued 507 citations, Raleigh Sgt. B.W. Oakes said. Of these, 10 were issued on highways and interstates in Orange and Alamance counties.

The seat belt law requires the driver and front seat passenger of a moving car to wear a seat belt unless they are exempt from the law. There are a number of these special cases.

Exemptions are granted for medical reasons such as severe arthritis or a painful skin condition if the person has a statement from his physician with him that explains the condition. The state does not have any special forms for this, and no agency has to be notified.

Built into the law are special exemptions for rural letter carriers who are moving at less than 20 mph between stops, cars that were manufactured before seat belts were made mandatory equipment, and farm trucks hauling materials for agricultural or commercial purposes.

Chapel Hill police have given out three citations since Jan. 1, police spokesman Keith Lohmann said.

Oakes said he thought the law would help convince people to buckle up.



Nautilus
FITNESS CENTER
OF CHAPEL HILL

Featuring: 26 Nautilus Machines, Olympic Weight Room, Aerobics, Classes, Wolf Tanning Bed, Lifecycles, Sauna, Whirlpool, Open Seven Days A Week


Spring Semester Student Special
membership from now thru
May 15, 1987
for only **\$99**

Two Great Locations:
Chapel Hill Nautilus
Chapel Hill Blvd.
Straw Valley
968-3027

Durham Nautilus
Hillsborough Road
(next to Best Products)
383-0330

Nautilus — The best exercise equipment made for quick results.

KARATE CLASSES



Mon-Wed
6:30-8:30 pm
Woollen

Introductory Meeting
Mon, Jan 12 and
Wed, Jan 14

Studio B Woollen Gym, 6:30 pm
Jack Davis 942-4382 or 942-9346
UNC Okinawan Shotin
Ryu Karate Club



American Heart Association
WERE FIGHTING FOR YOUR LIFE.

ART STUDENTS

newsprint 18x24 3.50
portfolios 20x26 3.00
gesso 1 gal. 16.95
oil paints 200 ml. 3.95

G. Blakeley limited quantity

hours 10-6 mon-sat carr mill mall in carboro

BACKDOOR RECORDS
\$1.50 OFF all new LPs and tapes
(\$1.00 OFF used)
136 E. Rosemary St.
Lower Level — NCNB Plaza
Mon-Sat, 12-6 pm, 933-0019
BUY — TRADE — SELL

SPANKY'S

UPSTAIRS
Wednesday Night Live



APPEARING WED., JAN. 7TH, 10:00 P.M.
JEFF CAMPBELL & CARTER MINOR
PLAYING MOTOWN AND BLUES
Wednesday Highball Special \$1.50
\$2.00 Cover — Must be 21 and over

Put This On Your Calendar

Jan. 14 — George Hamilton V and Tim Hasper from Gumboya. Featuring Lisa Joe Tuckek on Vocals. Country Blues.
Jan. 21 — HEARTWOOD REVISITED. Acoustic Rock 'n' Roll.
Jan. 28 — JEFF CAMPBELL AND CARTER MINOR, Motown and Blues.
Feb. 4 — MICHAEL KELSH AND THE CADILLAC KIDS.

Don't Miss Our New Tuesday Draft Special \$2.50 Premium Draft Pitchers

101 E. Franklin Street

**Electrical / Electronic / Computer Engineers...
Computer Scientists...Mathematicians...
Language Specialists**

Latitude. That's what keeps a job invigorating — the chance to expand your interests, to take on unheard of challenges, to grow out as well as up. Well, that's precisely what the National Security Agency offers you as one of our people. NSA performs three all-important tasks. We analyze foreign communications. We safeguard America's vital communications. We set security standards for the government's mammoth computer systems. And we want you in on the job.

NSA offers choices upon choices. In assignments. In projects. In careers. But whatever your role, it's going to make a difference; it's going to produce immediate results.

For an **Electrical / Electronic / Computer Engineer** options abound. In fact, the entire technological and functional spectrum are yours for exploration. Microprocessor implementation and programming, communications systems, LSI/VLSI, CAD/CAM, systems architecture and optics. Among others.

To the **Computer Scientist**, we deliver opportunities across the frontier of finite state machine development. The applications realm: systems design and programs, applications and evaluation, and computer security research and design.


Mathematicians research a variety of mathematical concepts including probability theory, statistics, Galois theory and group theory.

Language Specialists in Slavic, Near Eastern and Asian languages meet the challenges of translation, transcription and analysis head on. Every day.

Whatever your field, you can be certain to find many paths cleared for you. You'll also find a competitive salary, enticing benefits and an appealing suburban location between two vital urban centers—Washington and Baltimore.

For additional information, schedule an interview with your College Placement Office. Or write to the National Security Agency.

NSA will be on campus January 20th interviewing graduating seniors.



NATIONAL SECURITY AGENCY

NATIONAL SECURITY AGENCY
ATTN: M322 (AAM)
Fort Meade, MD 20785-6000

U.S. citizenship required for applicant and immediate family members.
An equal opportunity employer.