

Carteret Battens Down for Connie

Origin of Hurricane, Course It Will Take, Defies Analysis

Red Cross Workers Move In With Storm Approach

With the information that the hurricane was moving northward to the Cape Lookout area, Red Cross workers started coming in here late Tuesday afternoon.

Headquartered at Morehead City were Frank Hollowell, Goldsboro; Lynn Warren, Southern Pines, and Mrs. Janet Benedict, Camp Lejeune.

Refugee centers were established throughout the county at the school and teacherage, Atlantic; the Sea Level Inn, Smyrna School, the courthouse at Beaufort, Queen Street School at Beaufort, the municipal building at Morehead City, and W. S. King School at Morehead.

Churches and other schools in the area were opened to take care of folks who were in the predicted path of wind and high water. Among them were the Swansboro grammar school, the Mormon Recreation Center on Harkers Island, and the Bogue Sound Club.

Irvin Davis, chairman of the County Red Cross Chapter, requested persons taking refuge in the designated centers to bring their own food and bedding and any special food needed for babies.

Moose Offer Aid
Put at the disposal of the Red Cross by members of the Moose Lodge was the lodge home on Bridges Street just west of 28th.

In charge of the refugee center at Atlantic was Cecil Morris and members of the school faculty and at Beaufort J. D. Potter.

Very few people turned up at the refugee centers Wednesday. From 20 to 25 persons from Salter Path were at the Morehead City Municipal Building, but the relatively calm weather was not conducive to urging people to safer ground.

The picture changed, however, Wednesday night. Approximately 50 people, refugees from Atlantic Beach and quite a few from Salter Path stayed at the Morehead City Municipal Building. The Red Cross served sandwiches, coffee and milk Wednesday night.

Cots Sent
Cherry Point sent 200 cots to Morehead City at 4 o'clock yesterday morning. Members of the police department set the cots up. Before they came, people were sleeping on mattresses from the jail.

Some of the cots were sent to the courthouse in Beaufort and the remainder were kept in reserve at the Morehead City Municipal Building.

Hotels in Morehead City were accommodating storm refugees. The lobby of the Jefferson was full of people all Wednesday night.

It was reported that 100 to 150 persons from Salter Path went to Cherry Point and about half a dozen persons had taken refuge in the W. S. King School.

After Hurricane Passes . . .

The United States Weather Bureau has issued eight safety measures to be observed after a hurricane passes:

1. If medical care is needed, go to a Red Cross disaster station.
2. Don't touch loose or dangling wires. Report such to power company or nearest policeman.
3. Report broken sewer or water mains.
4. Guard against spoiled food in electric refrigerators or deep freezers if power has been off for any length of time.
5. Remove any temporary shutters and store for future use.
6. Remain away from disaster areas unless qualified to furnish valuable assistance.
7. Drive cautiously as debris can be dangerous and roads may be undetermined if not flooded.
8. Be alert to prevent fires. Lowered water pressure makes fire fighting difficult.

Beaufort Plays It Safe, Removes Parking Meters

Remembering the terrific loss experienced during Hazel, Dan Walker, town clerk, had all parking meter heads removed in Beaufort Tuesday.

During Hazel, saltwater ruined the works in the meters and the town had to replace them all with rebuilt ones.

Along the Hurricane Trail

... Pelletier Creek and Coral Bay bristling with boats, looking like a miniature United States Navy had pulled in.

... Husband, who owns house on Bogue Sound: Darling, do you want to stay here or go back upstate?

Wife: Listen, the last time the insurance companies said it was water. I want to stay and SEE what it was.

... Local radio announcer doing a double take Wednesday when he starts to read, "Streets of Morehead City underwater" then adds, "It sez here."

... Standby power company crews, in their orange shirts, lolling around the CP&L office waiting for Connie.

... Dan Walker, disgusted at Connie's approach when Beaufort hasn't even recovered yet from Hazel, told General Griffin, state civil defense director, that Connie was not his idea.

... Picture of what the well-dressed man should wear in a hurricane was Dick McClain, who turned up at his office in Morehead City yesterday wearing shorts and a raincoat.

... Agassiz Coast Guardsman, puzzled at stationary tactics of Connie Wednesday, said, "She speaks Spanish and hasn't read Bowditch." (Bowditch is an American mathematician who wrote a book on how hurricanes should behave).

Fire Damages Sutton House

Three hundred dollars damage was caused to the home of Mr. and Mrs. William Sutton, Beaufort, at 9 o'clock Saturday night when hot grease caught fire in the kitchen.

Mr. Sutton said that they were getting ready to broil steaks in the back yard and Mrs. Sutton was heating fat in the kitchen to make french fries.

While she was out in the yard, however, the fat caught fire. Mr. Sutton and the couple visiting them rushed into the house and tried to put the fire out by throwing water on it, but that just caused the fat to explode and spread throughout the kitchen.

By using blankets, the flames were finally beat out, but only after most of the kitchen had been damaged. All dishes, pots and pans were lost.

The Beaufort Fire Department was not called. "We were too busy trying to get the fire out," Mr. Sutton said. He feared for a while that the whole house would go up in flames.

A fireman from the Beaufort department went to the home Sunday to inspect damage. The Suttons live in a frame house at Sunshine Court on East Front Street.

Town Officials Ponder Price Tag

Town officials throughout Carteret were concerned yesterday over how much it would cost them to pull out of this storm.

They are dreading clogged sewers, streets littered with debris and rolling equipment drenched with saltwater.

Hoyle Greene, administrator of the Morehead City Hospital, said at noon yesterday that water had not yet entered the basement of the hospital. All equipment that could be moved was taken out of the basement and patients were moved to upper floors.

Port Calendar

S. S. Atlantic Explorer — Left Aruba Saturday and is due at Aviation Fuel Terminal with jet fuel this weekend if the hurricane doesn't interfere with her schedule.

USNS Tecomic — Will unload aviation gas at the Aviation Fuel Terminal Thursday, Aug. 18. Port of departure was Marcus Hook, Pa.

By EARL UBELL
Science Editor
New York Herald Tribune
Hurricanes are the most unpredictable in behavior of all weather phenomena. Their origins and the tracks they will follow are among the thorniest question marks in the entire scientific field.

Weather scientists know little about these storms that pack more energy than a dozen hydrogen bombs. They are trying to learn more by flying Navy and Air Force bombers into their centers, using radar to track their courses, and applying high-powered mathematics to gain insight into their basic mechanisms.

They do know that late summer and fall is the hurricane season. They know that the belt of compressed air that forms across the Atlantic from Bermuda to the Azores has something to do with the gathering of wet, hot air from all over the Caribbean.

They know that there is a layer of cool air that comes from the northwest—from somewhere in upper Canada—that forms over this warm air, stirring it as a cold towel does a prizefighter's face. And they know that the spin of the earth gives the hurricane its whirl.

Energy From Sun
All the energy for the storm comes from the sun, which heats up a vast area of air and water just below Bermuda. The warm, wet air rises like steam from a kettle. The water in the air in vapor form has 550 calories for every gram of water.

As the rising warm air hits that cold overhead layer, it condenses into rain, just as if it had hit a cold window pane. The 550 calories for each gram of water are released into heat, warming the air still more and making more of it rise still faster.

Partial Vacuum
With all this air going up plus all the heat released in tons of rain, a partial vacuum is formed. Warm, wet air from all over the Caribbean rushes in to fill the vacuum.

Because the earth is spinning, the winds, now reaching velocities close to 200 miles an hour, begin to spiral counter-clockwise over a 500-mile radius. The effect is somewhat like water plunging down a drain, only in a hurricane, when the air reaches the storm area, it rises upward.

Not all the air rises in the hurricane area. At the very center, there is a down current. This dissipates the clouds and prevents the high-speed winds from coming to dead center. This center is the baffling eye of the storm where the sun sometimes shines through.

Hints, Not Evidence
But this explanation only hints at the formation of the hurricane itself.

What causes the storm to move northward? The cause lies in super-high-speed broad rivers of air at 40,000 feet. These jet streams move at speeds of more than 150 miles an hour, but they rarely get down to earth.

As the rising air from the hurricane hits one of these jet streams, the jet—in an unexplained way—takes the hurricane in its grasp and pulls it along. Most of the jet streams go north, but their courses can be erratic, making the course of the hurricane erratic, too.

Therefore the problem of predicting where a hurricane will go is really one of tracking the jet streams (a tough job at 40,000 feet), and then determining which of these jet streams will carry a hurricane along.

"The hurricane can maintain itself through its air-raising, water-condensing mechanics over water, but once it hits land, the friction of houses, trees and hills takes up much of the energy. In a rather short distance of unaccustomed land travel, the hurricane is usually spent.

Some believe that the explosion of atomic bombs has generated new weather conditions, but there is no sure evidence to relate these explosions to hurricanes.

Tide Table		
Tides at the Beaufort Bar		
HIGH	Friday, Aug. 12	LOW
2:20 a.m.		8:50 a.m.
3:05 p.m.		9:58 p.m.
Saturday, Aug. 13		
3:37 a.m.		10:02 a.m.
4:16 p.m.		10:57 p.m.
Sunday, Aug. 14		
4:52 a.m.		11:04 a.m.
5:23 p.m.		11:52 p.m.
Monday, Aug. 15		
5:56 a.m.		12:02 p.m.
6:22 p.m.		12:02 p.m.
Tuesday, Aug. 16		
6:52 a.m.		12:45 a.m.
7:13 p.m.		12:57 p.m.

Safety Record Noted



Ottis Purifoy, Morehead City member of the American Automobile Association, presents a certificate to Police Chief Herbert Griffin of the Morehead City department as Mayor George Dill looks on. The presentation marks the fifth year in succession that Morehead City has received a certificate for no pedestrian fatalities. The awards were started in 1950, and according to Chief Griffin, Morehead City hasn't had a pedestrian fatality since 1942.

James Denning, Civil Defense Official, Arrives in County

James Denning of the State Civil Defense office, arrived in the county Tuesday night.

At the request of Miss Ruth Peeling, county civil defense director, Mr. Denning helped establish on Wednesday afternoon additional emergency docking stations, to be used if the storm puts highway bridges out of operation.

Names of boatowners who volunteered their services to the civil defense director and the sites of emergency docking stations were furnished J. L. Humphrey, county road superintendent, yesterday morning.

Mr. Humphrey said that if any of the bridges go out, the state will try to set up temporary transportation by boat as it did after Hazel.

Emergency docking stations, recommended by the county civil defense director if the Beaufort bridge is unusable, are the Machine and Supply Co. dock on the causeway and the dock at the rear of the Sinclair Service Station, Front Street, Beaufort.

Emergency docking stations in Morehead City are Ottis Purifoy's and the Gordon C. Willis Seafood Co. These may be put to use if either the Morehead City draw across the Newport River or the Atlantic Beach bridge is closed to highway traffic.

The emergency docking station at Atlantic Beach will be Sonny's Boat Basin.

"We hope none of these docks will have to be used," Miss Peeling said, "but if docks are needed, the state knows which ones have already been cleared by civil defense authorities for use."

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Gov. E. F. Ruble Speaks On Resources of Rotary

Beaufort Rotarians were reminded Tuesday night of the resources Rotary has to carry it through the next 50 years. E. Frank Ruble, Washington, N. C., governor of the 279th Rotary district, commented on those resources at the club meeting at the Inlet Inn while making his official visit.

The governor, introduced by President Gerald Hill, remarked that Rotary had an abundance of manpower, 419,000 members throughout 92 countries in this, their 50th anniversary year.

He pointed out that Rotary now has a one and three-quarter million dollar headquarters in Chicago. He called it the heart and nerve center of Rotary.

Governor Ruble commented on the excellent organization of Rotary. He said the international president heads the group and is assisted by 14 directors as administrators. In addition to the president who is chairman, and the past president, five directors are elected from this country, and others from Great Britain, South

and Central America and Canada. The lawmaking body of Rotary is the international convention at which every club is represented either by a delegate or proxy.

The duties of the district governor were described as well as the Rotary program. Governor Ruble also commented on the Rotary Foundation which finances students' education in different countries.

The district official reminded his listeners that their resources cannot be hoarded or they will be lost. They can only be kept by putting Rotary to work in business and the community at large.

Club visitors were Ollie Van Nortwick, Jr., president of the Greenville Rotary Club, Dr. A. F. Chestnut, president of the Morehead City Rotary Club, James R. Sanders and Robert Howard, Morehead City Rotarians; James Fleming, and Ray Green, Tallahassee, Fla.

Following the meeting, Governor Ruble conferred with the board of directors.

Hazel's Sister Moves Toward This Coast

With Hurricane Hazel still fresh in their memory, county residents resignedly batted down this week to meet the onslaught of Connie, the hurricane which stalled and whined off Myrtle Beach for two days before moving toward this coast.

Coastal residents started getting ready for the big blow Tuesday. Until early yesterday morning, they still hoped the storm would change direction and head away from the mainland.

But in the dark of Thursday morning, wind picked up and by 9:30 a.m. lashing rain was swirling downward. The ocean was aboil, a churning cauldron of whitecaps which leaped toward land and crashed against dunes and seawalls.

Summer residents started leaving Atlantic Beach Tuesday. Evacuation of the beach, Salter Path and Emerald Island was formally ordered Tuesday night by Kenneth Baum, commanding officer of the Fort Macon Coast Guard station.

Property-owners planning to stay on the strand were asked to notify the Coast Guard that they were staying. Mayor A. B. Cooper of Atlantic Beach issued urgent pleas that sightseers stay away from the beach.

National Guard Alerted
National Guard units along the coast were put on standby order Tuesday night and members of the Morehead City National Guard unit were alerted to go on guard duty at any time.

Late Wednesday, several towns in South Carolina were hit by freak tornadoes and Swansboro reported winds up to 75 miles an hour for a brief period soon after midnight Wednesday.

J. L. Humphrey, county road superintendent, was called on an emergency job to the Carteret side of the new Swansboro bridge late Wednesday afternoon. Some of the fill had been washed out by tides. Crews soon repaired it with clay and marl.

R. Markham, Greenville, division engineer with the State Highway and Public Works Commission, phoned THE NEWS-TIMES Wednesday afternoon to report that the highway commission was standing by to help if and when Connie hit.

Mr. Markham also attempted to notify Mayor George Dill by phone of the highway commission's readiness to help, but the mayor could not be reached.

Emergency Crews
George Stovall, manager of Carolina Power and Light Co. in this area, reported that his company had seven emergency crews based at Goldsboro Wednesday, ready to move into any coastal area. Two emergency crews were also stationed at Jacksonville and two tree crews were sent into Morehead City.

By 8:45 a.m. Wednesday the power company had a set plan for rushing service to any point in its coastal territory.

Record Number Calls
L. A. Daniels, manager of Carolina Telephone and Telegraph in this county, said his crews were on stand-by alert. The switchboard was busy Wednesday, but the business didn't come anywhere near Tuesday's when a record-breaking number of long-distance calls were

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Beaufort Woman Hurt in Wreck

Mrs. Swanna Waddell, Beaufort, was taken to the Morehead City Hospital at 3:45 p.m. Tuesday after she was thrown off a motorcycle at the intersection of Highway 70 and Chestnut Street, Hancock Park.

The motorcycle collided with a car driven by Harry Padgett, Beaufort.

According to State Patrolman W. J. Smith Jr., Padgett was attempting to make a left turn and was waiting for an oncoming car to pass. The motorcycle attempted to pass him and struck his car. Patrolman Smith said no charges were filed.

Mrs. Waddell was not seriously injured and was taken to the hospital by the Adair ambulance even though she claimed she was "all right." Driver of the motorcycle was not identified.

Miss Sarah Pate Joins County Welfare Staff

Miss Sarah Pate, New Bern, a graduate of Meredith College, joined the county welfare department as a caseworker Monday.

Other staff members are Mrs. Andra Pond, a psychiatric social worker, and Mrs. Catherine Wilson, case worker.

Miss George Hughes, county welfare superintendent, said yesterday that the welfare department was ready to assist the Red Cross in any way possible during and following the storm.

Circuits to Atlantic were out of order, due to the storm, at 9 o'clock yesterday morning.

Training Steps Up as Camping Date Approaches

Training for the Morehead City National Guard Battery has become more intense as the date for summer camp approaches. From Aug. 14-28, 7,500 members of the 30th infantry division will camp at Fort Bragg and at Camp Stewart, Ga.

Morehead City men will be at the North Carolina camp. Their commanding officer, First Lt. Merrit E. Bridgman, remarked yesterday that the 15 days' active duty climaxes the year's work for men in his outfit.

Priority during the first week of camp will be given to squad and platoon training to develop leadership in unit officers and non-commissioned officers. Secondary objectives the first week will be recruit and individual specialist training and weapons firing which could not be completed during armory training periods or weekend drills.

The entire division, except for the armored, anti-aircraft, and reconnaissance elements will be at Fort Bragg. The 130th AAA Battalion, 130th Tank Battalion, 30th Reconnaissance Company, and Tank Companies of the 119th, 120th and 139th Infantry Regiments will be at Camp Stewart.

The forthcoming training is the first summer encampment for "Old Hickory" Guardsmen since the 30th Division became an all-Tar Heel division in October 1954.

The division is commanded by Maj. General Claude T. Bowers of Warrenton.

At present over 10,000 citizen-soldiers are members of the North Carolina Air and Army National Guard. Battery C, 890th FA Battalion, Morehead City had 54 officers and men.

Wyoming Girl Wants Pen Pals

A 13½-year-old girl in Wyoming would like to have a pen pal in this area.

The following letter was written to THE NEWS-TIMES by Donna Dee Baker:

386 W. Foote St.
Buffalo, Wyoming

Dear Sir:
I am writing you in hopes of your publishing my letter in your paper.

My name is Donna Baker and I would like very much to correspond with either boys or girls from your city.

I am 13½ and favorite pastimes are swimming and drawing. I have chosen your city to write to it's on the sea coast.

I have never had the privilege of seeing the ocean although it is my desire.

I close now with a thank you for publishing my letter.

Boys or girls who would like a pen pal should write to Donna at the above address.

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