HURCH



1984 GRADUATES-Palmetto F.W.B. Church honored 1984 graduates on June 10th. Each graduate was presented a gift from the church. Shown left to right: Lynn Drake, Joy Parker, Buddy Whitford, Sunday School teacher, Maria Urrejola, Exchange Student from Guatemala who is living with Mr. and Mrs. Milton Gaskins and Lisa Arnold, visitor.

Hot, Lazy River Algae Breeding Ground

The slower the Neuse River flows across North Carolina's coastal plain, the greater the chance of it developing unsightly and potentially harmful algal blooms, say a pair of biologists from East Carolina University.

Drs. Robert R. Christian and Donald W. Stanley say the growth of Microcystis algae that periodically paints the river between Goldsboro and New Bern with a blue-green scum is triggered by a combination of low water flow and by the presence of nutrients that trickle into the river from farm fields, and from urban and industrial sites. The scientists hope to further verify their observations and devise a method of predicting the occurance of algal blooms in research they are conducting on the river this summer.

Algal blooms become a nuisance about once in every three years and only during the months of July and August. Christian noted. When it occurs, it affects an area of the river starting near the Cliffs of the Neuse in Wayne County stretching to within a few miles of New Bern. It covers the river with a smelly, blue-green scum that may be responsible for fish kills and threatens the use of the river for fishing, boating, drinking water and for agricultural and industrial purposes.

'In 1982, we were out there and there was no bloom of algae in the river even though the concentration of nutrients in the river was very high," Christian said.

"In 1983, the water was essentially the same in terms of nutrients but there was a massive bloom of algae," he said.

"The one big difference between the river in those two years was the actual flow of the river. In 1983, the river's flow was much slower than in 1982," Christian said.

He noted that there are a couple of factors at work. One is that when the river is in a "low flow condition" the algae floats to the surface where it gets more light which enhances its growth.

"The other factor and the one in which we'll be studying this summer" he says, "is the fact that when you have low flow, the water stays in the river longer giving the algae more time to develop.⁴

In their study, the scientists plan to examine the growth rates of the algae under a variety of light and temperature conditions and compare it with dilution rates and times of travel for a variety of river flow conditions.

The ECU scientists have received a \$24,085 grant from the Water Resources Research Institute for further study of the relationship between river flow and blue-green algal blooms in the Neuse River. The grant is a continuation of a Neuse River algae study begun by the scientists several years ago.

Christian is an associate professor of biology at ECU and Stanley is an associate scientist with the ECU Institute for Coastal and Marine Resources (ICMR).

Happy Birthdav

Bible School is now in progress from 7-9 each night.

Come and bring your children. There is also an Adult Bible

Classes will continue

Get acquainted Revival by

new pastor, Rev. Larry Smith

beginning July 4-8. Service

Dinner in Fellowship Hall on

Sunday School - 10:00 a.m.

Morning Worship-11:00 a.m.

Evening Service - 6:30 p.m.

Wednesday night prayer

You are invited to worship

service - 7:30 p.m.

through Friday night.

each night at 7:30.

Regular Service:

class.

Sunday.

with us.



June 28: Candy Caldwell Leonard Taylor, Jr. **Robert L. Whitford Doris Lewis** Wayne Forbes Ellen Cox

Judy 29: Judy Whitford Sharon Morris Bland Carol Ann Worley **Carol Glenneice Worley** Michael Weatherington **Gwvn Respess Beth Jones** Lovie Toler

June 30: Kendall Gaskins Michael Gaskins **Randy Fillingame** Fountain Simpkins **Debbie Smith Bert Jones** Otis C. Buck, Sr. Lynette L. Todd Michael Hatcher **Oscar Toler** Donna Waterman July 1: Aubrey Spear Hobson Jones Effie Barrow Lou Anne Moore Peggy Marie Lawrence July 2:

Nancy McLawhorn



Tabernacle Holiness Church News

Rev. and Mrs. Larry Small

Weekend Revival

Yes, starting July 4, through the weekend the Tabernacle Holiness Church will hold a revival nightly at 7:30 p.m. with Reverend Larry Small. Each and everyone is cordially invited to come out and meet Brother Small and his fine family and let's worship the Lord together. Brother Small is a man called by God to preach the Gospel. He is very concerned for the young and old alike. Special singing nightly. Let's make a joyful noise unto the Lord with song and praises.

been employed by the Craven

County Schools Maintenance

Department for 15 years. He

attended the Tabernacle

Surviving are a step-

daughter, Mrs. Hilda Carmady

of Grantsboro, N.C.; a step-

son, Robert S. Tripp of Rt. 2.

Vanceboro; three sisters: Mrs.

W.L. Ipock and Mrs. Linwood

M. Lewis both of Vanceboro

and Mrs. Lillian M. Gaskins of

Rt. 2, Vanceboro; and four

Holiness Church.

step-granchildren.

Glenda Lewis

Obituary FLOYD MATTHEWS

Mr. Floyd A. Matthews, 58, served in the U.S. Navy. He had died Saturday, June 23, at his home in Vanceboro.

The funeral service was conducted at 3:00 p.m. Monday in the Wilkerson Funeral Chapel at Vanceboro by Rev. Larry Small, Tabernacle Holiness Church & Rev. Earl Smith, New Hope Holiness Church.

Burial was in the Vanceboro Cemetery.

Mr. Matthews, a native of Craven County, spent most of his life in Vanceboro. He was a veteran of World War II having

Kathy Smith Nina Dunn

July 3: Lori Ann Anderson Nancy Caprara Gerrick Ipock Joyce Woolard Mary Ann Moore Marlene Copeland

July 4: **Carl Register** Judy Roe Brenda Sutton Robert S. Whitford Betty Gladson Michael Sutton

Anniversary June 30:

Happy

Mr. & Mrs. Mack Williams Mr. & Mrs. Michael Sutton Mr. & Mrs. David Freeman

July 2: Mr. & Mrs. Lester Waters

July 3:

Mr. & Mrs. Larry Wade Norman July 4:

Mr. & Mrs. Corbett Holland Mr. & Mrs. Richard Gray



located on Clarks Rd., 5 miles west of New Bern

Bicentennial Fair and Bazaar

June 30, 10 a.m. - 7 p.m. 200 years of fashion 11-2-4 **Horseshoe Tournament**

Barbecued Chicken Plates 11-1 Crafts