

The Carlisle Mercury

Volume 108, Number 15

Carlisle, Ky. 40311, Thursday, April 10, 1975

20 Cents per copy

10

APR

10



Spring is busting out
"Spring" has sprung... and so has this pretty 4-H lass, Carol Chamberlin, who is one of three winners in Thursday night's Solo and Small Group 4-H Talent Show. Carol is a member of the Guess What's Teen 4-H Club. The two-night show was held at Nicholas County Elementary School.—Duncan photo



Soloist
Ernestine's "One-ring-dingy" captured a blue ribbon, and one of the winning Solo and Small Group acts for the 4-H Club during Thursday night's 4-H Talent Show.—Duncan photo



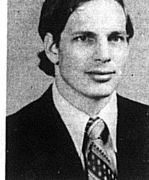
Ringy-dingy
Ernestine's "One-ring-dingy" captured a blue ribbon, and one of the winning Solo and Small Group acts for the 4-H Club during Thursday night's 4-H Talent Show.—Duncan photo

Sommer named new vice president of BGI research and development

At a recent meeting of Blue Grass Staff personnel, Wayne Sommer, chairman of the Board of Blue Grass Industries, Inc., announced that the board of directors has named Scott Sommer as vice president of Research and Development.

Sommer has been with the company for six years. He joined the staff in 1969, as a Research Design Engineer. In 1970, he became Director of Research. While serving in this capacity, he also acted for short time as Plant Manager of the Cynthiana operation. During the past six years, he has been innovative in the technological expansion of the Research and Development Department; and responsible for the incorporation of numerous automated and semi-automated procedures in the manufacturing process.

Sommer is a graduate of Maine Central Institute of Pittsfield, Maine where he received the prized Rosenbaur Physics Award. He also attended Berea College Polytechnical Institute, and Parsons College. He is married to the former Karen



Legion calls meet
There will be an important meeting of the American Legion Friday, April 11 at 7:30 p.m.

Lodge degree work
Dougherty Lodge No. 6, F.A.M. will hold its regular monthly meeting Friday, April 11 at 7:30 p.m. There will be work in the following Degree.

Haney announces Blue Grass Industries to resume five-day 40-hour work week

On Monday, April 7, Donald Haney, president of Blue Grass Industries, announced to the personnel that the local plants would be going back on a regular five day work week beginning Monday, April 14. This will also apply to the company's other operations in the Cynthiana, Paris, Maysville, and Mount Sterling.

In February, Blue Grass was asked by its customers to cut back production by 20%. The personnel voted to work four days a week rather than

Adult training center may be established here

The public is invited to attend the Monday, April 14 meeting of the Carlisle Junior Woman's Club. The topic of discussion will be the possibility of establishing an Adult Training Center in Nicholas county. This would be done to extend the EMR classes now being held at Nicholas County High School.

Speaking to the group at 7:00 p.m. in the basement of the Library will be C.M. Brooking and Phyllis Bandy, Mr. Brooking is former County Judge of Scott county, now employed by the State Office of Local Government. He is also chairman of the Board of Directors of the Scott County Adult Training Center. He will instruct Nicholas County citizens as to how they can help their child, but unable to attend the conference, may call the school for an appointment.

BOARD ANNOUNCEMENTS Pumphrey head football coach; schools to dismiss June 6

Nicholas County Schools will dismiss June 6 to end the 1974-75 school year, it was decided at the April meeting of the Nicholas County Board of Education Saturday.

Eight days missed due to snow will have to be made up according to Superintendent Don Elder. The board passed a motion to amend the calendar to include those days.

The board also approved a trip to Kings' Island May 23 for the senior class. The trip is in conjunction with an area celebration held each year by Kings' Island for the senior classes of high schools in the Tri-State area.

The class will leave at 6 p.m. Friday, May 23 on a school bus with two chaperones. The event will last until early Saturday morning and will include entertainment by nationally-known bands. Approximately 45 seniors are expected to attend.

A motion was approved by the board to purchase new curtains for the stage in the gym at the high school at a cost of \$745. The high school and the elementary school were the subject of a school plant operations survey recently. Superintendent Elder reported to the board that both schools were awarded a score of two. Three was the highest score possible, Elder said, and the local schools scored among the highest in this area.

In other business the board: gave permission to the Department of Pupil Personnel to hold a School



Ben Pumphrey will coach the Nicholas County High School football team next fall, replacing Paul Hampton who resigned. He is presently coach at Bath County. Prior to Bath County, he coached at Fleming County from 1968 to 1972, and at Bellevue from 1966-1968. He is a member of the First Christian Church where his son, Ben Pumphrey Jr., is minister. He and his wife, Florine, also have a daughter, Laura, who is a student at the University of Kentucky.

*Please turn to page 16

Nicholas countians can help in Project Dustorm

BOULDER, COLO.—Can dust from North America's arid southwest influence the severity of spring storms which bring torrential rains, hail and tornadoes to the central United States? The question may not be as strange as it seems at first glance. For years, scientists have known that airborne particles—known as aerosols—influence the formation of rain and hail. They cloud droplets are too light and small to fall. Droplets must coalesce, or come together, usually on a solid particle, in order to grow large enough to fall from a cloud. Particles of dust, certain chemicals, ice, and even airborne ash can serve as nuclei for the growth of raindrops and hail.

According to Dr. Edwin Danielson of the Boulder-based National Center for Atmospheric Research (NCAR), who is sponsored by the National Science Foundation, there is a strong

connecting link between the soil particles picked up in the Southwest and the severity of some major storm systems. To test his hypothesis, Danielson has designed Project Dustorm, a combination aircraft and field experiment. Project Dustorm began on April 7, when aircraft stationed at several locations around the country were placed on alert waiting for the "right" storm formation.

People in Nicholas county who may observe a hailfall of unusually large hailstones are asked to do the following:

1. Put on a football helmet or other protective headgear, if hail is still falling, before venturing out.
2. Gather a sampling of hailstones—no less than 25 stones—place them in a plastic bag to minimize evaporation, and place them in their home freezers.

rain and other variables. The National Oceanic and Atmospheric Administration (NOAA) will provide aircraft measurements and special radar data from its National Severe Storms Forecasting Center (NSFC) in Kansas City and National Severe Storms Laboratory in Norman, Okla., which will be combined with information from numerous cooperating agencies to produce a valuable addition to our ability to forecast, with increased accuracy, when tornadoes and hail storms may occur.

"Spring storms in this country provide a unique combination of forces and circumstances," Danielson says. "There's strong heating over the arid Southwest. When this is combined with a fast moving upper level jet of air, duststorms are created. They are a common occurrence in the Texas panhandle, where we've studied spring duststorms for the past three years."

When this very dry, dust-laden air meets a mass of cooler moist air moving in from the Gulf of Mexico, the result is a storm front. The air is increased," Danielson explains. These large air masses are familiar to us as regular readers of weather maps, and most people know that such converging air masses create a storm front.

At this point, Danielson's focus changes from the large-scale motions of air to the role that dust plays in the air—the microphysics of clouds. He and other NCAR researchers have de-

veloped numerical models which simulate in a computer the physical processes that occur in storms in the atmosphere. These mathematical models indicate that the rate at which water droplets grow—coalesce—within a cloud in the first 15 minutes of their life is critical in determining how severe a storm will be.

Project Dustorm is designed to establish just what role the dust particles play in these critical minutes. The role of dust in storms is critical for severe storms in general, and to final size and distribution, as well as the downdrafts created by the falling moisture, may depend directly on the soil aerosol particles.

Project Dustorm is scheduled to begin with a three-day forecast predicting the storm conditions which will produce the dust laden air in conjunction with a

*Please turn to page 16