

GARDEN TIME

By M. E. Gardner

Duplin county neighbor writes: "Several months past you gave in your column the average date of the first frost in the fall and the last frost in spring. I have misplaced this information and would appreciate your sending it to me." For his section, Wallace, the average date of the last frost in spring is between Mar. 25 and 30; and the first frost in the fall between Nov. 5 and 10. Between these average dates, the length of the freeze-free season (number of growing days) would be approximately 215.

In contrast, let's have a look at Ashe county along the border of Southwest Virginia and East Tennessee. Here the average date of the last spring frost is Apr. 30 and the first frost in fall, Oct. 10. In between we would have a 160 day growing season of approximately 160 days. These extremely variable conditions make North Carolina an interesting state climatologically and weather-wise, and suggest that we distinguish between weather and climate.

According to "Chick" Carney, our local U. S. weatherman, weather is the sum total of what is happening in the atmosphere at a particular time—temperature, sunshine, wind and rain. Climate represents the long time averages and extremes of these weather conditions for a given area.

If you are as interested in weather as I am, you may wish to write for Bulletin 396, Weather and Climate in North Carolina. Direct your request to the Division of Agricultural Information, N. C.

State college, Raleigh, N. C. You might first check by your county farm agent's office.

Just about space enough for one or two more questions. The weather has been so bad that I was late pruning my muscadine grapes. Now they are bleeding. What can I do? Nothing. Will it hurt them? No. The severity of bleeding will depend upon the temperature. They will stop when the leaves begin active growth. I have recommended that muscadines be pruned in the late fall, as soon as the leaves have fallen, as this is the best time and will prevent bleeding.

Has the extremely cold weather this winter reduced the insect population? With certain classes of insects, there has possibly been some reduction, but this does not mean that you will be justified in relaxing either your vigil or your protection program of spraying or dusting.

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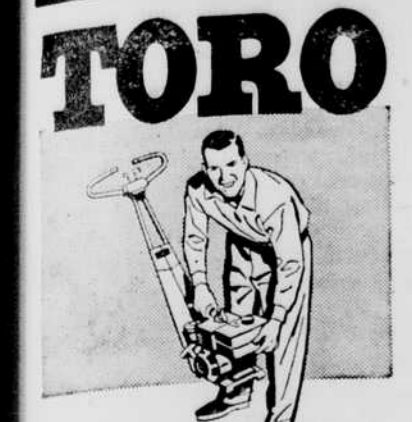
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LUMBER and BUILDERS' SUPPLIES

BLACK MOUNTAIN, N. C.

As you look about during these early spring days, think of the advantages you have to sing about. You'll probably see new playgrounds and parks. Perhaps Main Street has a new look following a general "face-lifting" project. In the residential area, notice the results of a clean-up and beautification program.

If a lack of accomplishment in your town doesn't inspire you to song, there is still time to join in the chorus. Now, during these early spring days when all things seem to take on new and renewed life, offer your energy toward the completion of the many improvement projects in your town.

In over 100 Finer Carolina towns right now the projects for this contest period are reaching the final stages. Your interest and aid could be the factor which would cause your town to win honors in the competition.

Join the chorus of thousands of other Carolinians who are singing the praises of their cooperative effort to build A Finer Carolina.



Local Physicist Offers New Theory

A discovery that the earth often begins to tremble in a certain way about 24 hours before large earthquakes, has put a Chicago physicist, who is a former Black Mountain resident, on the track of a possible new earthquake prediction, according to a London dispatch.

The physicist is Dr. Cecil A. Nanney, son of Mr. and Mrs. Cecil C. Nanney of Black Mountain. He is with the Physics department of the University of Chicago.

The theory of Dr. Nanney has been published in the current issue of the British science journal, "Nature." Dr. Nanney, whose theory was stated to be as yet unproved, has interested himself in possible relationships between earthquakes and the earth tremors known to seismologists as microseisms. These are attributed to a variety of causes, including "tides" below the crust of the earth, reflection of the pounding of sea waves on beaches and cliffs, collisions between storm waves and, perhaps, the reflected pressure of the atmosphere on the earth and the sea. The tremors travel through the earth at a velocity of about a mile per second. By comparing the strength of microseisms recorded in different places at the same time, physicists have had some success in predicting storms. Dr. Nanney reported he found, during the past three years, that microseism frequencies begin to increase 24 hours before the occurrence of many large earthquakes, and decrease afterward. He wants physicists all over the world to keep an eye on the tremors.

Dr. Nanney was graduated from Black Mountain High school and Berea college and took his MA degree from the University of Chicago.

N. C. SELF-SUFFICIENT IN EGGS

North Carolina poultry producers now supply enough eggs to meet the demands of the people of the state. There is a little shortage in the fall and a little surplus in the spring.

Seaman William E. Craig, son of Mr. and Mrs. Hardy Craig of Black Mountain, has returned to duty after spending 14 days at home. He is scheduled to board the USS Helena (CA75) at San Francisco, Calif.

Local Physicist Offers New Theory

CHURCH NOTICES

CHURCH OF GOD
Lakely Street
James Morton, pastor.
Sunday school, 10 a.m.
Morning worship 11 a.m.
Evening worship 7:30 p.m.
Tuesday evening prayer meeting 7:30 p.m.
Young People's meeting Thursday, 7:30 p.m.

BLACK MOUNTAIN FIRST CHRISTIAN CHURCH
Cor. Church and Connally Streets.
Rev. Bruce Nay, pastor.
Glen Morgan, superintendent.
Sunday School, 11:00 a.m.
Preaching service 9:45 a.m.
Evening service 7:30 p.m.

CHRISTMOUNT CHRISTIAN CHURCH
One mile South of Black Mountain at Christmout Assembly grounds. Bible School at 10:30. Communion at 11:00 each Sunday.

ST. JAMES' EPISCOPAL CHURCH
417 Vance Ave., Phone 7126
The Rev. Kenneth Donald, Rector.
SERVICES:
Sunday, 8 a.m., Holy Eucharist.
Sunday, 10:00 a.m., family service.
11:15 a.m., 1st and 3rd Sundays: Holy Communion and Sermon.
2nd, 4th and 5th Sundays: Morning Prayer and Sermon.
WEEKDAY SERVICES:
10 a.m. Prayer Book Feast Days and Holy Days; Holy Communion. Other services as announced.

FIRST FREE WILL BAPTIST
Rev. E. L. Beachboard, pastor
Sunday school, 10 a.m.; church service, 11 a.m.; Sunday night service, 7:30; Prayer meeting Thursday at 7:30 p.m.

LAKEY GAP PRESBYTERIAN CHURCH

Pastor, Rev. William Klein
10:00 a.m. Morn. Worship
11:00 a.m. Sunday School

BLACK MOUNTAIN PRESBYTERIAN CHURCH
Montreat Road—Dial 5271
William R. Klein, Pastor
SUNDAY:
Sunday School, 10:00 a.m.
Worship Service, 11:00 a.m.
Wednesday evening 7:30, Prayer meeting.

VANCE AVENUE BAPTIST CHURCH
D. C. Hardin, Pastor.
Sunday school at 10:00 a.m.
Morning worship at 11:00 a.m. every 2nd, 4th and 5th Sundays.
Evening worship at 7:30 p.m.
Prayer service, Wednesday at 7:30.
B. T. U. at 6:30 p.m.

LAKEWOOD BAPTIST CHURCH
The Rev. Eugene Byrd, Pastor.
Sunday School, 10:00 a.m.
Preaching, 11:00 a.m.
At the A. A. Byrd Homestead.
Just off Hiwassee Ave.

BLACK MOUNTAIN METHODIST CHURCH
Corner State and Church Streets
JOHN L. McWHORTER, Minister
SUNDAY SERVICES:
Sunday School at 9:45 a.m.
Morning worship at 11:00 a.m.
Methodist Youth Fellowship 6:30

TABERNACLE METHODIST CHURCH
George Culbreth, Pastor.
Preaching service, 9:45 o'clock.
Sunday school, 11 o'clock.
MYF, 6:30. Worship, 7:30.
W. S. C. S., third Tuesday evening—7:30 p.m.

MONTREAT PRESBYTERIAN CH.
Gaither Chapel
Stanley L. Bennett, Pastor
Sunday school, 9:45 a.m.; worship service, 11:00 a.m.; vespers, 7:15 p.m.; Wednesday prayer meetings, 4:00 p.m., Sun Parlor—7:15 p.m., Gaither Chapel.

BLACK MOUNTAIN FIRST BAPTIST CHURCH
Montreat Road
W. A. Huneycutt, Pastor.
SERVICES
Sunday school at 9:45 a.m.
Morning worship 11:00 a.m.
B.T.U. 6:45 p.m.
Evening worship 8 p.m.
Wednesday Bible Study at 7:30 p.m.

FRIENDSHIP PRESBYTERIAN CHURCH
Montreat Road
Rev. C. R. Stegall, pastor
Sunday school, 9:45 a.m.; Worship service, 11 a.m.; Young people, 6 p.m.; Evening service, 7 p.m.

MOUNTAIN VIEW BAPTIST CHURCH
Rev. Robert Clayton, pastor
Sunday school, 10 a.m.; preaching, 11 a.m.; B.T.U., 7:00 p.m.; evening service, 8:00.

BEE TREE CHRISTIAN CHURCH
Pastor, Rev. Bruce Nay.
Services each Sunday at 11 a.m.

HOMER'S CHAPEL FREE WILL BAPTIST
Rev. Wilco Melton, Minister
Sunday School, 10:00 a.m.; morning worship, 11:00 a.m.; Young People League, 6 p.m.; evening worship, 7:30 p.m.; Wednesday rayer service, 7:30 p.m.

BLUE RIDGE CHAPEL FIRST CHURCH OF GOD (Non-denominational)
Blue Ridge Road, Black Mountain, N. C. Rev. Elbert Osteen, pastor.

FREE WILL BAPTIST CHURCH
Rev. R. C. Stockton, pastor
Sunday School, 10 a.m.; Morning worship, 11:00 a.m.; Evening worship, 7:30 p.m.; Prayer meeting Thursday, 7:30 p.m.

EAST BLACK MOUNTAIN FREE WILL BAPTIST CHURCH
Rev. Thomas Fred Silvers
SERVICES:
Sunday School, 10 a.m.
Preaching service, 11 a.m.
Prayer meeting each Wednesday evening at 7:30.

KERLEE BAPTIST CHURCH
Ridgecrest Road
Rev. Clyde H. Parham
Sunday school, 10:00 a.m.; Morning worship, 11:00 a.m.; B. T. U. 7:00 p.m.; Evening worship, 8:00 p.m.
Prayer service Wednesday at 7:30 o'clock.

CHRISTIAN CREEK BAPTIST CHURCH
C. A. Hensley, Pastor
Sunday School 10:00 o'clock.
Preaching service, 11:00 a.m. and 7:30 p.m. Gospel Singing every First Sunday evening, 7:00 p.m.

OLD FORT PRESBYTERIAN CHURCH
Sunday
10:00 a.m. Sunday School.
11:00 a.m. Morning Worship.

TALENT SEARCH BEGINS ON APRIL 12

Western North Carolina talent is in for a big treat. Talent hunts are now beginning all over our mountain region, and the time, place and date will be advertised in this newspaper. Watch this newspaper for details.

The sponsor is Heinz Rollman, who feels that it will help to bring more tourists and more industry to know about our wonderful mountains if we can get some of our outstanding talent on nationwide TV networks where so many million people can see it.

Preliminary contests will be held in each of the ten counties and the finalists will be chosen on Saturday, May 24, in the Asheville City auditorium.

The idea behind it, Rollman said, is to "sell" Western North Carolina, until every child, woman and man in the United States knows this is "tourist and industry paradise, U.S.A.", and maybe also "talent paradise, U.S.A."

The first talent hunt contest will be held Saturday, April 12, in Murphy, at the Old Murphy school gym.

"HORN IN THE WEST" TRYOUTS ON APRIL 12

BOONE. — Tryouts for cast members of "Horn in the West" will be held here Saturday, April 12.

Two 2-hour sessions will be held and director William C. Ross will be in charge. Tryouts for the speaking roles in the play at the Daniel Boone theatre will be held in two periods, from 10 a.m. to 12 noon and 2 to 4 p.m.

Scheduled simultaneously are the tryouts for singing parts in the "Horn" chorale.

Members of the choral group

SWANNANOVA PRESBYTERIAN CHURCH

The Rev. G. B. Talbot
Sunday school 10:00 a.m.
Church service 11:00 a.m.
Youth Fellowship 7:00 p.m.
Prayer service Wednesday 7:30 p.m.

BEVERLY HILLS MISSIONARY BAPTIST CHURCH
777 Tunner Rd. Asheville, N. C.
William A. Snyder, Pastor.
SUNDAY SERVICES:
9:45—Sunday School.
10:50—Morning worship.
6:30—Training Union.
7:30—Evening worship.

SWANNANOVA FREE WILL BAPTIST CHURCH
Rev. Wayne Smith, Pastor.
SERVICES:
Sunday School, 10:00 a.m.; Preaching, 11:00 a.m.; Evening service: League, 6:15; Worship in song, 7:00; Message, 7:30.
Wednesday, Prayer Service, 7:00 p.m.

SWANNANOVA METHODIST CHURCH
Swannanoa, N. C.
William T. Ratchford, Minister
10:00, church school; 11:00, morning worship; 6:30, youth fellowship; 7:30, evening worship.

FIRST BAPTIST CHURCH
Swannanoa, N. C.
C. W. Smith, pastor
Sunday school, 9:45 a.m.; church services, 11 a.m.; Training Union, 6:30 p.m.; evening services, 7:30 p.m.; prayer meeting Wednesday, 7:30.

STONE MOUNTAIN BAPTIST CHURCH
Rev. Cecil Smith, pastor.
Sunday School every Sunday 10:30 a.m. Preaching service 11 a.m. every second and fourth Sunday. Prayer meeting every Wednesday evening at 7:30.

WILKIE BAPTIST CHURCH
Clifford Burnett, pastor
Sunday School, 10 a.m.; morning service, 11 a.m.; Prayer meeting, Wednesday night at 7:30.

OLD FORT METHODIST CHURCH
Old Fort, N. C.
SERVICES:
Sunday, 10:00 a.m., Church School; 11:00 a.m., morning worship; 6:30 p.m., MYF.
Wednesday, 7:00 p.m., midweek service and choir practice.

BROAD RIVER BAPTIST CHURCH
Rev. Bill Bryant, Pastor
SUNDAY SERVICES:
Sunday School, 10:00 a.m.
Preaching, 11:00 a.m.
Evening, 7:30.

CHESTNUT HILL MISSIONARY BAPTIST CHURCH
Rev. L. O. Vess, Pastor
Sunday School, 10:00 a.m.; Preaching, 11:00 a.m.; Evening Service, 7:30; Prayer meeting Wednesday, 7:30 p.m.

CHURCH OF GOD
Moffitt Hill, Old Fort, N. C.
Rev. Lloyd Camp, pastor
SERVICES:
Sunday: Sunday School, 10 a.m. 7:00 p.m., evening service.

CATAWBA FALLS BAPTIST CHURCH
Rev. Virgil Bradburn, Pastor.
Sunday School 10:00 a.m.; Church Service, 11:00 a.m.; Evening Service 7:00 p.m.
Wednesday Prayer Ser. 7:00 p.m.

LAUREL SPRINGS BAPTIST CHURCH
Pastor, Rev. Paul F. Dotson.
10 a.m. Sunday School; 11 a.m. Worship service; 7:30 p.m. Tuesday night, prayer meeting.

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SOUTHERN PULPWOOD CONSERVATION ASSOCIATION

900 Peachtree Street, N.E.
Atlanta 9, Georgia

PULP and PAPER DAY—April 15

Pulp and Paper Day will be celebrated throughout the South on April 15. This event will focus public attention on the economic importance to the region of the pulp and paper industry, its role in the South's modern agricultural development... and the tremendous economic opportunities more productive forests offer in the years ahead.

in the South... THE WOODS ARE FULL OF PROSPERITY

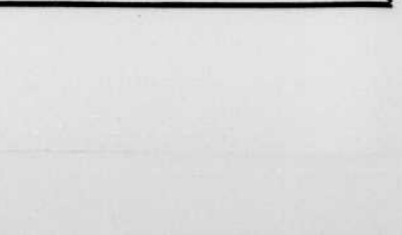
The rate of industrial growth in the South during the past 20 years has led the nation. The pulp and paper industry is a leader in this Southern progress.

Sixty-three primary pulp and paper mills are located in Dixie. They employ over 77,000 persons in the woods, mills and offices. Another 81,000 harvest pulpwood.

The pulp and paper industry annually contributes over one billion dollars to the South's economy at the rate of three million dollars a day. It also is giving new impetus to the region's agriculture because pulpwood has become a vitally important new cash crop to Southern farmers.

Farmers and other landowners are assured an expanding market for their trees since paper consumption is growing by leaps and bounds each year. It is predicted that 50 to 60 percent more pulpwood will be needed by 1967.

Growing trees—like growing any other crop—requires sound management. Forests that are cut properly go on producing trees generation after generation. Forests that are now non-productive can be converted into money-making areas.



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The rate of industrial growth in the South during the past 20 years has led the nation. The pulp and paper industry is a leader in this Southern progress.

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Send for FREE booklet

The exciting story of the pulp and paper industry's growth in the South, its current role in the economy, and the opportunities it offers.

