

# Spectators cautioned for May 30 solar eclipse viewing

One of nature's most dramatic events, a solar eclipse, occurs on Wednesday, May 30th. According to the National Society to Prevent Blindness-North Carolina Affiliate, the safest ways to watch this late-morning event are by indirect viewing, on television, or at a professionally sponsored eclipse watch.

"Viewing the eclipse directly can be dangerous," says Harold Megreedy, Eye Safety Chairman of the North Carolina Affiliate. "When you look at the sun, your eye's lens focuses the intense light on the retina-that delicate layer of cells at the back of the eye that sends visual images to the brain.

"The retina does not feel pain. You don't know it is being burned. But it can be, at the very center of your field of vision and nothing can be done about it!"

Unlike the total eclipse of 1979, this May's eclipse will be annular. Even though the moon will cross over the sun, an outer ring or annulus of the

sun's atmosphere will be visible at all times.

The Astronomical League reports that the eclipse will cross directly through the southeastern United States, and will be in partial view throughout the rest of the continental U. S., Hawaii and Puerto Rico.

At about 11:00 a.m., the moon's shadow will race northeastward at 1,400 miles per hour, beginning in Louisiana, crossing Mississippi, Alabama, Georgia, the Carolinas and Virginia, and reach the Maryland shore less than one hour later.

To view the eclipse indirectly, the Society recommends the following:

1. Get two sheets of white cardboard.
2. Make a pinhole in the center of one of them.

3. Stand with sun at your back.

4. With one sheet of cardboard in each hand, hold the sheet with the pinhole so that the sun shines through the hole onto the other sheet.

5. Adjust the sheets to focus the light. (You can change the size of the image by changing the distance between the sheets.)

6. Now, by looking at the bottom sheet, you can see an exact image of the sun and its eclipse. As the moon slowly crosses in front of the sun, you can see it all happen!

The Society cautions that people using this method should not look at the eclipse through the pinhole. Similarly, photographers shooting this event are cautioned not to look at the sun through their camera viewfinder.

The Society has printed instructions on safe eclipse viewing. To receive a free copy, write: National Society to Prevent Blindness-North Carolina Affiliate, 1033 Wade Ave., Suite 208, Raleigh, NC 27605 (919)821-2420. All requests should be accompanied by a self-addressed, stamped, business-sized envelope.

For information about professionally sponsored eclipse watches, contact local planetariums or science museums.

Established in 1908, the National Society to Prevent Blindness is the oldest voluntary health agency nationally engaged in preventing blindness through a comprehensive program of community services, public and professional education and research.

## SBA disaster program changed

The Small Business Administration's disaster loan program has been changed by federal legislation recently signed into law by President Reagan. The changes are as follows:

Disaster loans now carry an interest rate of eight percent per year for renters, homeowners and businesses who can get credit elsewhere. The rate is four percent for those unable to get credit elsewhere.

The limits for homeowners have

doubled, to \$100,000 for real property, and \$20,000 for personal property. The maximum combined loan is \$120,000.

For businesses, disaster loans are for 100 percent of the uninsured loss up to \$500,000.

The new rates and limits apply to

the tornado disaster assistance program being carried out now in North Carolina.

Media inquiries may be referred to Jim Jennings, Public Affairs Office for the Small Business Administration in Washington. The number is 202-653-6822.

GARLANDS

CALL

426-5729

1984

### Official Democratic Primary Ballot for U.S. Senate & State Officers

INSTRUCTIONS

a. To vote for a candidate on the ballot, make a cross  mark in the square at the left of his name.

b. If you tear or deface or wrongly mark this ballot, return it and get another.

---

FOR UNITED STATES SENATOR  
(You may vote for one)

THOMAS L. (TOM) ALLRED

JAMES B. (JIM) HUNT, JR.

HARRILL JONES

---

FOR GOVERNOR  
(You may vote for one)

THOMAS O. (TOM) GILMORE

JAMES C. (JIMMY) GREEN

ROBERT L. (BOB) HANNON

JOHN INGRAM

H. EDWARD (EDDIE) KNOX

GLENN MILLER

J. D. WHALEY

J. A. (ANDY) BARKER

RUFUS EDMISTEN

D. M. (LAUCH) FAIRCLOTH

---

FOR LIEUTENANT GOVERNOR  
(You may vote for one)

ROBERT B. (BOB) JORDAN, III

STEPHEN S. MILLER

CARL J. STEWART, JR.

---

FOR SECRETARY OF STATE  
(You may vote for one)

BETTY ANN KNUDSEN

THAD EURE

---

FOR COMMISSIONER OF INSURANCE  
(You may vote for one)

BILLY MARTIN

JAMES E. (JIM) LONG

---

FOR COMMISSIONER OF LABOR  
(You may vote for one)

RICHARD W. (DICK) BARNES

JOHN C. BROOKS

DONALD G. (DON) WISEMAN

---

FOR ASSOCIATE JUSTICE OF SUPREME COURT  
(You may vote for one)

RAYMOND M. TAYLOR

HENRY E. FRYE

---

FOR JUDGE OF COURT OF APPEALS  
(You may vote for one)

ROBERT L. CECIL

JOHN C. MARTIN

MEYRESSA HUGHES SCHOONMAKER

---

Primary Election  
May 8, 1984  
NORTH CAROLINA

Chairman, State Board of Elections

1984

### Official Democratic Primary Ballot for President of the United States

INSTRUCTIONS

a. To vote for a candidate on the ballot, make a cross  mark in the square at the left of his name.

b. If you tear or deface or wrongly mark this ballot, return it and get another.

---

FOR PRESIDENT  
(You may vote for one)

JOHN GLENN

GARY HART

ERNEST F. HOLLINGS

JESSE JACKSON

GEORGE S. McGOVERN

WALTER F. MONDALE

NO PREFERENCE

REUBIN ASKEW

ALAN CRANSTON

---

Primary Election  
May 8, 1984  
NORTH CAROLINA

Chairman, State Board of Elections

1984

### Official Republican Primary Ballot for U.S. Senate & State Officers

INSTRUCTIONS

a. To vote for a candidate on the ballot, make a cross  mark in the square at the left of his name.

b. If you tear or deface or wrongly mark this ballot, return it and get another.

---

FOR UNITED STATES SENATOR  
(You may vote for one)

GEORGE WIMBISH

JESSE HELMS

---

FOR GOVERNOR  
(You may vote for one)

JAMES G. (JIM) MARTIN

RUBY THOMPSON HOOPER

---

FOR LIEUTENANT GOVERNOR  
(You may vote for one)

WILLIAM S. (BILL) HIATT

FRANKLIN (FRANK) JORDAN

ERICK LITTLE

BARBARA S. PERRY

JOHN H. CARRINGTON

---

Primary Election  
May 8, 1984  
NORTH CAROLINA

Chairman, State Board of Elections

# SAMPLE

## for May 8th Primary

### Polls Open - 6-30 a.m.

1984

### Official Republican Primary Ballot FOR MEMBER OF CONGRESS (First Congressional District)

INSTRUCTIONS

a. To vote for a candidate on the ballot, make a cross  mark in the square at the left of his name.

b. If you tear or deface or wrongly mark this ballot, return it and get another.

---

FOR MEMBER OF CONGRESS  
First Congressional District  
(You may vote for one)

GENE LEGGETT

HERBERT W. LEE

---

Primary Election  
May 8, 1984  
NORTH CAROLINA

Chairman, State Board of Elections

SAMPLE BALLOT

### PERQUIMANS COUNTY BOARD OF EDUCATION

"Non-Partisan"

INSTRUCTION

A To vote for a candidate on the ballot, make a cross (X) mark in the square at the left of the candidate's name.

B If you tear or deface or wrongly mark this ballot, return it and get another.

---

FOR COUNTY BOARD OF EDUCATION  
BETHEL TOWNSHIP  
(You May Vote For One)

EMMETT B. LONG

---

HERTFORD TOWNSHIP  
(You May Vote For One)

PRESTON R. STEVENSON

---

PARKVILLE TOWNSHIP  
(You May Vote For One)

CLIFFORD P. TOWE

---

Primary, May 8, 1984

William L. ...

Chairman, Perquimans County Board of Education