

## Curb Reporter

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now and Christmas.

We thought the Tryon Firemen's Christmas Parade was excellent Wednesday afternoon. There was five bands and all of them added to the Christmas spirit.

## The Cosmic Reporter

"Voyager 1's Exciting Encounter With Saturn"  
By Tim Linder

On the evening of November 12, after a billion mile -38 month journey, the Voyager 1 spacecraft came to within 77,000 miles of the ringed planet Saturn. During the approach phase and closest passage Voyager 1 made many new and startling discoveries about Saturn and its moons. Some of these discoveries are still unexplainable.

About two months before closest approach, during the far encounter phase, Voyager 1 discovered three new moons bringing the total of known Saturnian satellites to 15. The smallest of the newly discovered moons is 50 miles in diameter and its orbit lies just inside Saturn's thin F-ring.

Late on the evening of November 11, the day before closest approach to Saturn, Voyager 1 passed to within 2500 miles of Titan, Saturn's largest moon. Titan was a very important target for Voyager since it is the only moon in our solar system known to have an atmosphere. Unfortunately photos of Titan showed a surface totally shrouded in orange clouds. Titans atmosphere was found to contain a very high amount of hydrogern.

Voyager 1 made its closest approach to Saturn at 6:46 p.m. on November 12. Photos at this time showed extremely fine details on Saturn's cloud tops and in the ring system. Photos showed that Saturn is very much like Jupiter. Saturn is primarily a

**ONLY THE SHADOW KNOWS** where you've gone (That's because she faithfully follows your every footstep). "Shadow" is a 5 months old, small house pup, short-haired, brown with black muzzle, who thinks people are the greatest. If you'd like to see your own "Shadow", call 894-8544. Polk County Animal Protection Society. adv. 12, 16, x.

huge ball of hydrogen and helium gas. Very violent storms continually occur in Saturn's atmosphere. Some of these storms have winds of more than 900 miles per hour.

One of the more startling discoveries was of the structure of Saturn's rings. Scientist previously thought that only five or six rings encircled Saturn but Voyager photos revealed that hundreds of thin ringlets orbit Saturn. These ringlets are composed of millions of small chunks of ice, each in its own orbit around Saturn. Saturn's outermost ring, the F-ring, is actually two or three rings twisted and braided around each other. This is very unusual and is still unexplainable.

On its outbound journey from Saturn, Voyager photographed six more moons. The moon Rhea was found to have a cratered, frostcovered surface with streaks of blue. Mimas was found to have a huge crater on its surface almost a fourth as large as the moon itself. This crater, with its central peak, made Mimas appear as a huge eye in space. Photos of Tethys showed a huge trench 50 miles wide, one mile deep and 500 miles long. Dione was also found to have numerous craters with white wispy patterns on its surface.

Voyager 1 will continue looking back at Saturn until the end of December, after that it will begin an endless journey into deep space.

Voyager 2 is scheduled to reach Saturn in August of next year and if all goes well it will continue on for a January 1986 encounter with Uranus.

That's it for this week, **HAPPY STARGAZING!!!!**

## Landrum First Baptist Church Choir To Present Cantata

The Landrum First Baptist Church will present "Christmas Festival", a cantata compiled and orchestrated by John F. Wilson, on Sunday night, at 7:00 o'clock.

Under the direction of Ronald D. Searcy, Minister of Music, the cantata includes a variety of compositional styles, some of the well loved Christmas carols, and a simple narration of the Christmas story. Solists are Mrs. Bobby Bridges and Mrs. Jimmy Camp. Loran Bradey is narrator. Mrs. Jerry Blackburn will be accompanist.

## Heart Assoc. Active

Malcolm Wiltshire, President of the Polk County Heart Association, recently called an organizational meeting of the Board of Directors of the Association.

Last year Polk County was the Number One state organization in per capita giving. At the 1980 annual meeting of the North Carolina Heart Association Polk County won the President's Award for Special Achievement because of this 'Number One' accomplishment. Lydia Holley, Carrie Massey, Robert Morse, James Payne and Herman Spoerer of Polk County were granted 'Founders Awards.' The Tryon Daily Bulletin won the Willard Cole Award for newspaper support of the Polk County Heart Association."

President Wiltshire pointed out that the Association has two objectives: to raise money to support research and educational activities sponsored by the State and National Heart Associations; second, to inform the Polk County Community of the work being done and the services available to meet and overcome Heart and Cardiovascular problems. He announced that the following officers and committees would work to carry out the objectives.

Officer, in addition to President Wiltshire, are: Treasurer, Fred Schairer; Secretary, Mrs. George F. Finnie; County Fund Raising Chairman, Vernon C. Johnson.

Fund Raising Committees are: Heart Fund Chairman, Bob Bacon; Special Gifts Chairman, George Nelson; Tryon City Chairman, Larry Phillips; Columbus City Chairman, Phillip Feagan; Rural Chairman, Gordon Foote; Business Day Chairman, Allan Pruette; Corporate and Industrial Chairman, Carroll Brady.

The Public Information Committee is: Medical and Community Program Committee, Dr. Stephen Clement, Chairman; Miss Lydia Holley, Wayne M. Link and Dr. C. Lewis Wrenshall.

Serving as Directors of the Association are: Robert Bacon, Franklin C. Basler, Carroll Brady, Joseph J. Claud, Dr. Stephen M. Clement, S. J. Craig, Jr., Phillip Feagan, Gordon Foote, Miss Lydia Holley, Wayne M. Link, Miss Carrie L. Massey, Dr. Roy L. Morgan, Robert W.

Morse, George V. Nelson, James Payne, Ernest C. Peck, Jr., David Phillips, Larry Phillips, C. Allan Pruette, Sheldon A. Raiser, Hardy G. Ross, Herman J. Spoerer, Mrs. Guilford S. Turner and C. Lewis Wrenshall.

## Parade Tuesday In Campobello

The Campobello Christmas Parade will be held Tuesday at 4 p.m.

## At The Upstairs

"Earnun Magnus," the Bern Porter film which was not shown last week due to technical difficulties, will be shown Saturday at 8 p.m. at The Upstairs.

**DOG HOUSE NEEDED** for Polk Co. Animal Protection Society. If you'd like to donate one, call 894-8482. adv. 12, c.

**HELPERS NEEDED** to construct one more dog pen for the Polk Co. Animal Protection Society. If you'd like to help, call 894-8482. adv. 12, c.

**WHO'S GOT OODLES OF LOVE FOR "BOODLES?"** She's a sable-coated Shepherd dog, daintier and kinder than most. Perfect for a child or lady (why not an early Christmas present?) shots, spaying included. Call 894-8482. Polk County Animal Protection Society. adv. 12, 16, c.

**FOR SALE:** Fireplace Set — 4 pieces, 894-8678. adv. 12, 15, 17c.

**FOR SALE:** 10 x 60 trailer with 3 BRs and side extension living room. In good condition. Call 457-2366 after 6 p.m. adv. 9, 10, 11, 12, c.

**FOR SALE:** 1973 Gran Torino Squire Wagon. 9 passenger, auto., A/C, Stereo, \$425. Bill Ashmore, 457-2210, 457-2207 after 7 p.m. adv. 12, 15, pd.

**FOR SALE:** 1974 Lincoln Continental Mark IV, \$1,495. Call 457-4795. adv. 12, 15c.

**WANTED:** Lady to care for two small children in the home Monday — Friday. Call 457-2201. adv. 12, 15, pd.