

ATLANTA ASTRONOMY CLUB

INCORPORATED

March 1, 1979



To All Astronomy Club Members,

The Atlanta Astronomy Club will host the 1979 Southeastern Astronomical League Convention on June 14 - 16, 1979. The convention will be held at the Camelot Inn, 1706 Clairmont Road, Decatur, GA. (Telephone 404-634-3311). This first class hotel is located three miles south of I-85 Clairmont Road Exit. In Atlanta there is much to see & do.

Special room rates given the convention are

SINGLE ROOM (1 Person only).....\$16.00/Night

DOUBLE ROOM (2 Persons).....\$20.00/Night

EXTRA PERSON.....\$ 4.00/Night.

Attached is a card for you to mail directly to the Camelot Inn to reserve a room(s). Parking is free. Pool at Motel. Shopping nearby.

Paper sessions daily, guest speakers, exhibits and tours will be apart of the convention. Agnes Scott College's 30" Beck Cassegrain and Fernbank Science Center's 36" Tinsley Cassegrain will be available for observing. A planetarium show will be given. Door prizes will be presented. The Hank Hudson Banquet concludes the program.

It is important that every Astronomical League club be represented. Ask a friend to come with you. Bring the family along for a short vacation.

We invite you to bring your telescopes and other amateur equipment for display. Photography exhibits are welcomed, too.

We request that you register for the convention by June 1, 1979. We cannot guarantee room rates after this deadline. Your Pre-Registration Form is conveniently attached to this page. So is the Motel reservation card.

Please direct your inquiries about registration, paper sessions, exhibit space, time of arrival, etc. to Mrs. Gail Speering
Rte. 4 Box 798
McDonough, GA 30253
(404-957-9653) No collect
calls, please.

What better place to make and to renew acquaintances among fellow astronomers? See you in Atlanta this June 14 - 16.

David Speering
David Speering
Convention Chairman

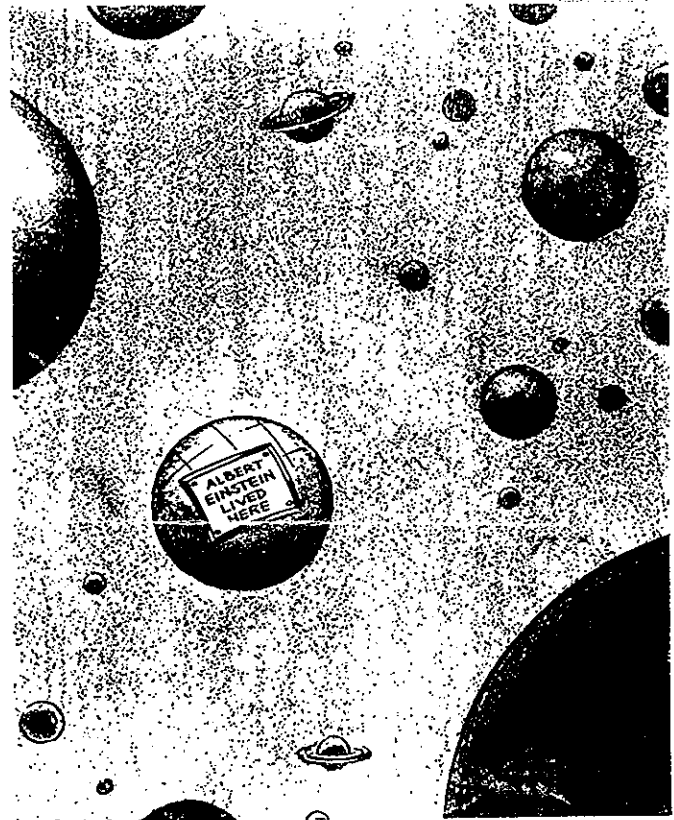
Anna Belle Close
Anna Belle Close
Board of Directors
Chairman

April, 1979



Einstein

USA 15c



Trapped like a cornered animal, I have been frantically attempting to render unto Caesar the taxes due this month. The magnitude of my panic has been such that no time was left to write the usual witty and urbane bulletin. The illustrations which I have prepared are offered without comment other than to note that it is a signal honor that Einstein conferred on us when he chose our country for a place of refuge.

Our April meeting will be at Bradley Observatory on the Agnes Scott Campus. The Festivities will begin at 8:00 pm on Friday, April 20. Our speaker will be Dr. Robert Hyde. Bob will speak on the results of the recent missions to Jupiter.

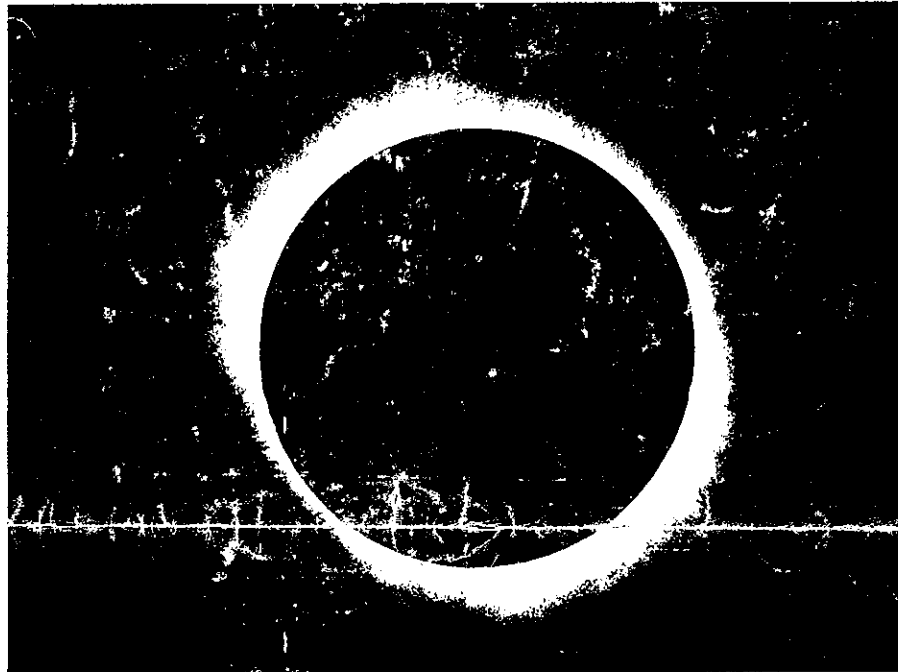
The next Observing Session will be on the weekend of April 27-28 at the Walter Barber Observatory. Come and bring a telescope and a friend.

WANTED: August 1968 issue of Sky & Telescope.

-Mark Lancaster 378-9984

Leonard Albery

March, 1979



"Nothing succeeds like success!"
says eclipse-goer Amy Fried.

SUCCESS ----- SUCCESS ----- SUCCESS

The eclipse expedition sponsored by Braeside Observatory (formerly of Atlanta, now of Boulder, Colorado) was an unqualified success. Led by the intrepid Bob Fried, other trekkers included: Margo Fried, Sarah and Amy Fried, Eugenia and Leonard Abbey, and Dr. Ralph Buice. After a careful study of climatological records, and what is more important, last minute predictions by NOAA and the Delta Airlines Weather Department; we descended upon the frozen hamlet of Fort Peck, Montana. We had the town's only motel to ourselves; other tourists having been apparently scared off by the ten-foot high snow drifts. As we hastily assembled our equipment on the night before the eclipse, the skies slowly cleared according to schedule. A scant hundred miles to either side of us viewers were foiled by heavily clouded fronts. The morning dawned with only a hint of cirrus clouds. As the partial phase began, we realized that we really were going to see it! When totality began, I was conscious of an unexpected emotion. The magnificent spectacle of the Corona seemed like the face of a long absent friend. I was intimately familiar with this countenance, yet I had seen it only twice before. It is indeed the most beautiful sight which the human eye can behold. As I wrote last month my primary camera used a $3\frac{1}{4}$ " f/12 lens from Jaegers. With Kodachrome 25 film in a Canon FTb body I obtained fourteen pictures which are as good as any that I have ever seen. I also used the Spiratone 1400 mm telephoto with Kodachrome 64 film. The images came up to the high quality level which I have come to expect from this lens. In particular it produced a very impressive image of the diamond ring effect. Bob used a 3" f/16 refractor with equally impressive results. All of these instruments were mounted on an equatorial head built by Bob for the 1970 eclipse. Ralph Buice exposed Kodachrome 64 film with a Celestron 5 and obtained a really good image of the chromosphere. On the way back to Boulder we realized how lucky we were as we listened to the radios in our caravan. Cloudy weather prevailed over almost all of the eclipse path. The "hole" through which we observed was apparently the only one in a continent-wide pattern of bad weather. This was my first serious attempt at celestial photography. It was so successful that I am tempted to never try again!

Our March meeting will be held at Bradley Observatory, and will feature a presentation by Bob Hayward on Astronomy in Georgia Week. He will bring along Dennis Lovell of the State Parks Department, who will introduce a film. Our club has assisted the State in bringing astronomy programs to the state parks for the last two years. Interest has been high and a heavy turnout is expected this year. The meeting will be held on Friday, March 16 at 8:00 pm. There will also be a showing of eclipse pictures made on the Braeside expedition. If you have pictures of the eclipse bring them along. There will be a planetarium showing conducted by Mr. Julius Staal after the meeting.

This month's observing session at the Walter F. Farber Observatory will be held on March 30 and 31. Come and bring your telescope.

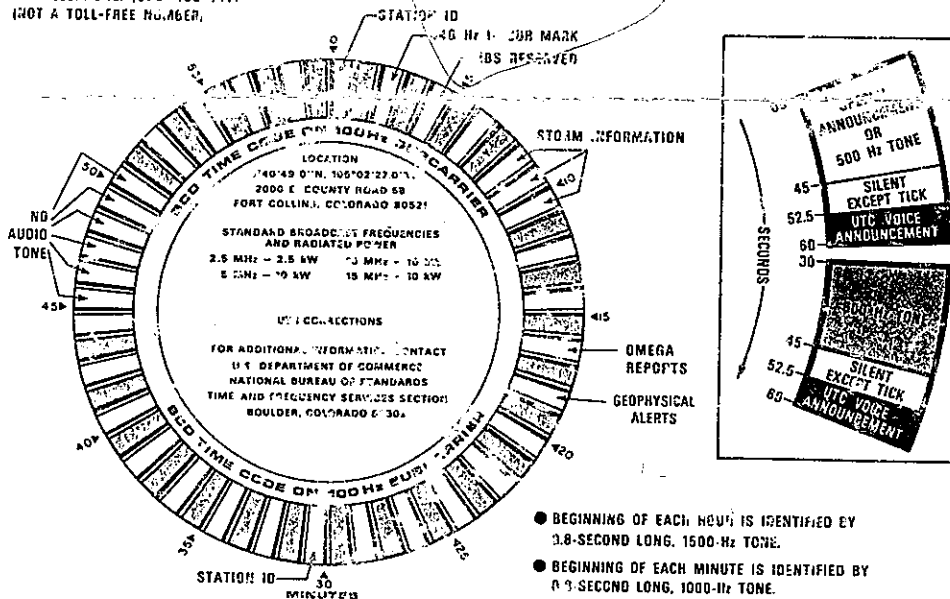
The Club Library is attempting to beef up its telescope making section. In particular we need the following: Amateur Telescope Making, Book II, Standard Handbook for Telescope Making and Making Your Own Telescope. If you have any of these books, and would like to donate them, please bring them along to the next meeting. If we cannot build up this collection through donations, the club will be asked to authorize their purchase. This is an important aspect of amateur astronomy and our library should be strong in this area.

Samuel Albery

WWV BROADCAST FORMAT

VIA TELEPHONE: (303) 498-7111
(NOT A TOLL-FREE NUMBER)

U. S. DEPARTMENT OF COMMERCE
National Bureau of Standards



- BEGINNING OF EACH HOUR IS IDENTIFIED BY 3.8-SECOND LONG, 1500-Hz TONE.
- BEGINNING OF EACH MINUTE IS IDENTIFIED BY 0.9-SECOND LONG, 1000-Hz TONE.
- THE 29th & 59th SECOND PULSE OF EACH MINUTE IS OMITTED.