

NOW IN OUR 36 th. YEAR

Phoenix Astronomical Society, Inc.

PHOENIX, ARIZONA

PRESIDENT	STANLEY GORDENSKI	944-6639
VICE-PRESIDENT	RAUL ESPINOZA	948-3617
SEC/TREASURER	CHUCK NASH	242-1581
EDITOR	BILL KRIST	254-4057
	1205 E. Hubbell St.	
	Phx. Az. 85006	

MEETING SEPTEMBER 23

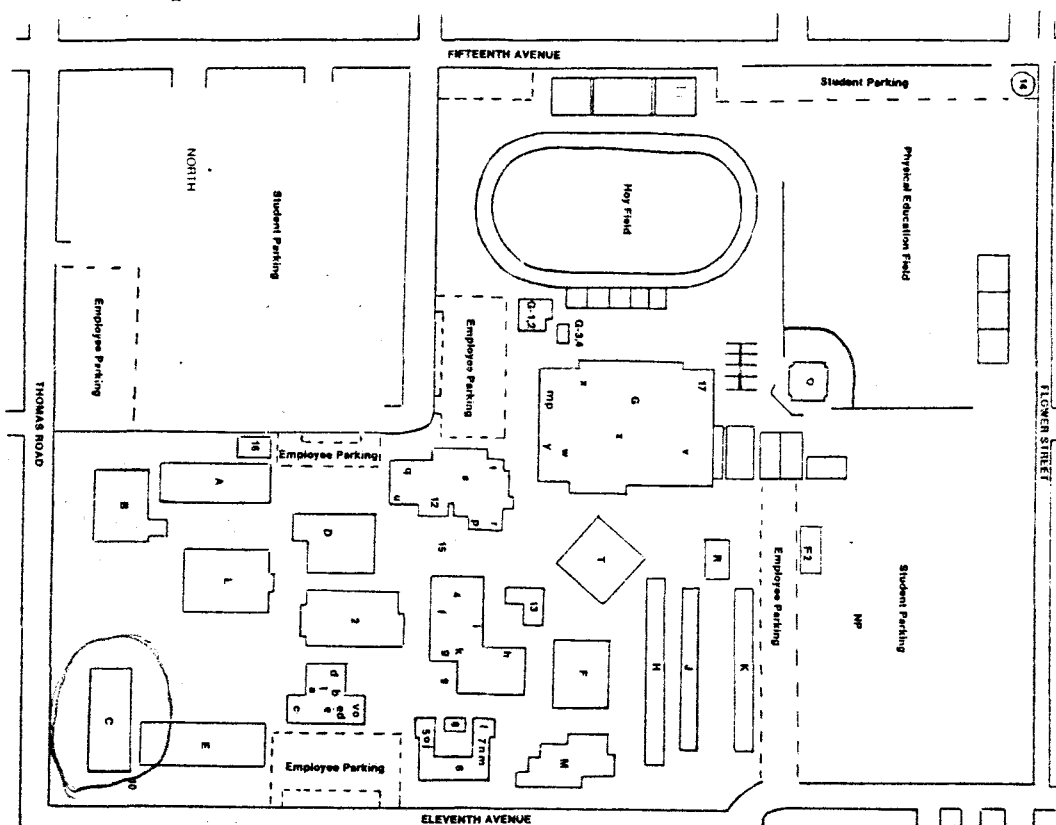
SOLAR OBSERVING FOR THE AMATEUR

Richard Hill, Resident observer of the Warner & Swasey Observatory (Kitt Peak Station) and Recorder of the Solar Section of the Association of Lunar & Planetary Observers, will give a stimulating talk on heliostatic observations the amateur can make with simple and inexpensive homemade equipment. He will discuss the optics of solar observing, thermal problems encountered and how to solve them, what to observe, and how to make observations of a professional grade. Many other important aspects of solar observing will be covered as well as more information on the ALPO and how you can fit in.

The meeting will begin at 8 pm in room C-102 of the Science Building at Phoenix College. Here's a map.

*ALPO Solar Section
R. Hill - Recorder
4632 E. 14 St.
Phoenix, AZ, 85011*

Any questions?
Call Stanley or Bill.



ABOUT THE PHOENIX ASTRONOMICAL SOCIETY

ABOUT THE PHOENIX ASTRONOMICAL SOCIETY

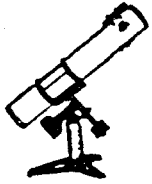
A good number of our members are "serious" amateurs, but membership is open to anyone, including the novice, with an interest in astronomy. We are confident membership will prove to be interesting, and a valuable aid in pursuing your astronomical goals.

Meetings are normally held the fourth Friday of each month at Phoenix College, 8 pm in room C-102. We make every effort possible to have stimulating and interesting speakers at each meeting, and we are proud of our accomplishments. A few examples of the many speakers we have had are: Dr. Susan Wyckoff on Quasars, Dr. Chick Capin of Lowell Observatory on the apparition of Mars, Dr. Peter Wehinger on the return of Halley's Comet, and Dr. Bradley Whitmore on Gyroscopic Galaxies. After the meetings we have informal discussions with the speaker over coffee and cookies.

Many of our members have a high degree of sophistication in areas such as deep-sky photography, designing and building photometric and other electronic equipment, complex optical systems and improved clock drive mechanisms. Our membership includes, to name a few, comet discoverers, award winners at the Riverside Telescope Makers Conference, and published authors.

We feel that the association with all our experienced amateurs that will come to you as a fellow member will prove valuable to the enrichment of your astronomical background.

Our monthly Newsletter contains activities planned for the following months, upcoming astronomical events, special articles and meetings and events of other astronomical organizations. All members are encouraged to submit for publication anything of an astronomical interest to other amateurs.



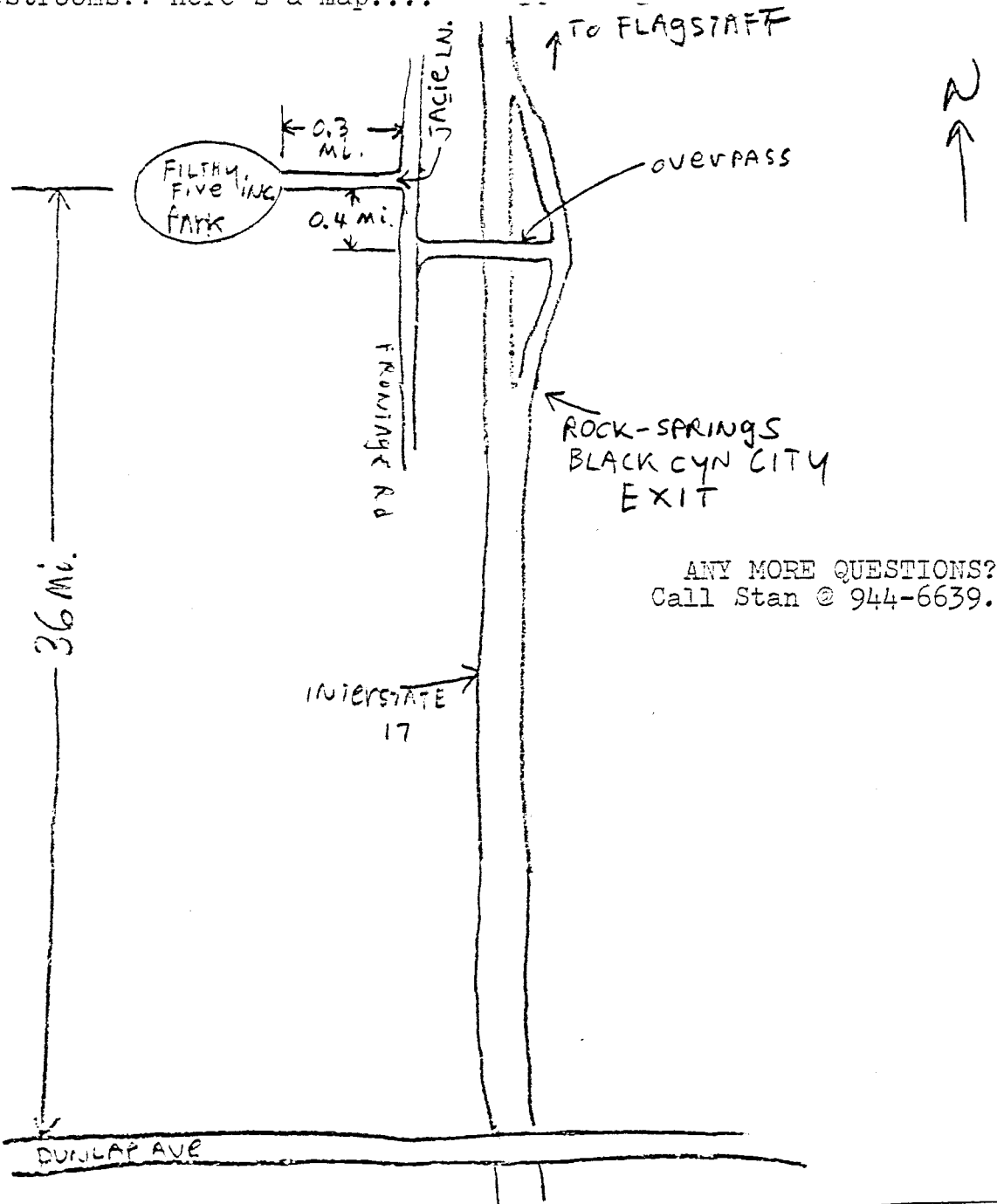
Phoenix Astronomical Society, Inc.

PHOENIX, ARIZONA



STAR PARTY OCTOBER 1

There will be a star party October 1 at the Filthy Five Inc. Park in Black Canyon City. The sun sets at about 6pm. so plan to be there by then to have ample time to set up your 'scopes. Remember, it's close, it's dark, and it has restrooms!! Here's a map....





Phoenix Astronomical Society, Inc.

PHOENIX, ARIZONA



THE AUGUST STAR PARTY

HELEN LINES

"FROM MY LITTLE BLACK BOOK - OCTOBER"

NGC 6826 $19^h 43^m +50^\circ 24'$

Before Cygnus gets away, have some fun with this planetary that's called the "Blinking Nebula" - - Look directly at the 10.8 magnitude central star, then quickly; use averted vision and look at the nebulosity. Do this rapidly and the silly thing will blink at you! This object is on Octobers Map in Sky & Telescope, which should help you to find it.....

NGC 7023 $21^h 01.4^m +67^\circ 58'$

Did you ever see any "Foggy Dark Nebula"????
We like this patch of diffuse nebula up in Cephus very much- - Since this is $18' \times 18'$ in diameter, move your 'scope around a little in order to see it all....

Deadline for the October newsletter is October 15.

OCTOBER MEETING

On October 28 Dr. David Crawford will speak to our society about the characteristics of observatory sites. Dr. Crawford comes to us from Kitt Peak Observatory and did site testing to determine where the National Observatory was to be built.

DECEMBER MEETING

On December 9 Dr. Raymond E. White will give us a talk about "Ancient Astronomy At Machupicchu". Dr. White, of Stewert Observatory in Tucson, has been researching this subject in South America.

1983-84 DUES

The board of directors met September 1, to address the dues problem. Sky & Telescope raised their subscription rate for clubs to \$13.00. It was decided by unanimous vot of the officers and directors to set the dues for the 83/84 season to:

\$20.00 for individuals
\$22.00 for families
\$25.00 for sustaining
\$ 8.00 for non S&T subscribers

Paul
#2515
9-16-83

Send dues ASAP to Chuck Nash at 2736 W. Rose Lane, Phoenix, 85017, or bring them to the September meeting with your renewal notice from S&T and the form at the bottom of this page. Make checks payable to the Phoenix Astronomical Society. We ask that all dues be paid ASAP, so that the board can budget for the coming season.

NO NEWSLETTERS SENT AFTER NOVEMBER IF YOUR DUES ARE NOT RECEIVED!!