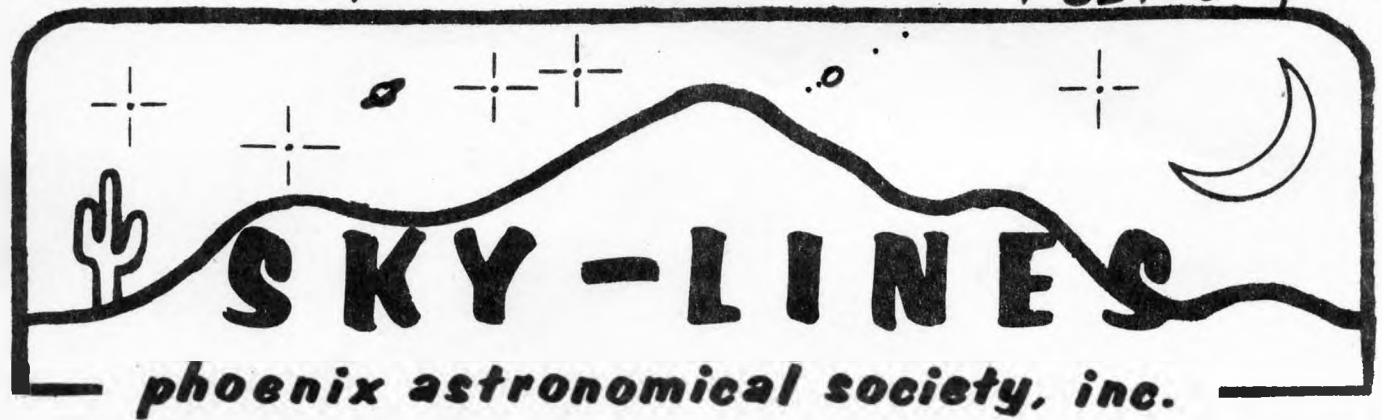


Star Party February . .



Star Party & Meeting -- Parizek's ... Feb. 24

With all the liquid sunshine we have been having of late, some might think that the February meeting is evidence that we are a bit optimistic in planning a star party. But we can hope that by our showing faith and hope for good weather we might influence the outcome of the frontal patterns.

Keith Parizek will be hosting the get-together at his home at 3229 East Mescal starting at 7:30 on February 24. To get to the site of the star party, drive north on 32nd Street about 1/2 mile north of Shea to Desert Cove. Turn east on Desert Cove, go one block to 33rd Street, then turn north on 33rd one block to Mescal. About 6 houses down on the right (south) side of the street is 3229, the Parizek Observatory/Workshop/Museum- Phoenix Division. He suggests that it might be a good idea to bring some folding chairs as space is no problem but seating is. If the weather is cooperative, the planets are in good position for viewing as well as the usual items of winter interest.

One final comment about the weather might be interesting. A winter visitor from the New Jersey area was overheard in Carefree bemoaning the fact that the lack of sunshine put a crimp in the plans for a suntan for which the trip was taken. The reply was made that at least we didn't have to dig ourselves out of snowbanks.

Phoenix is still a good place to live. See you on the 24th.

Bill Anderson

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FILTER TECHNIQUES FOR PLANETARY OBSERVATIONS

Anyone who has been outside after midnight recently or arisen before sunup knows there are several very bright "Morning Stars" in the sky. In fact there have been several mornings within the past month where all 5 necked-eye planets could be seen ! ! !

In a few more weeks MARS, JUPITER and SATURN will all be visible around midnight. With this kind of heavenly show, why not dust off those 4mm Ortho's and start some serious observing ?

As anyone who has ever looked through a telescope at a planet knows, they don't look like their pictures! This is because the eye sees all colors while film can be made selective. There is no reason not to use this same technique with your 'scope and eyeball.

The following collection of hints and suggestions are from the booklet by Charles Capen, Jr.

COLOR CONTRAST : Affected by sharpness of boundaries and shade. Light Yellow and Orange filters are useful in judging the colors of the low-hue cloud belts on Jupiter and Saturn. To bring out a white area on a reddish background, a green filter is useful. For example, a light Yellow-Green filter will sharpen the boundary of a white frost area on Mars by darkening the ochre desert, while allowing adequate penetration of the Martian atmosphere. A Blue-Green filter will similarly increase the contrast of an atmospheric cloud above an ochre desert region (or the Red-spot of Jupiter). A very light Blue filter is useful for faint Jovian and Saturnian cloud formations. A most effective colored filter for observing the hues of blue and red in the Jovian atmosphere is Green, Wratten #58.

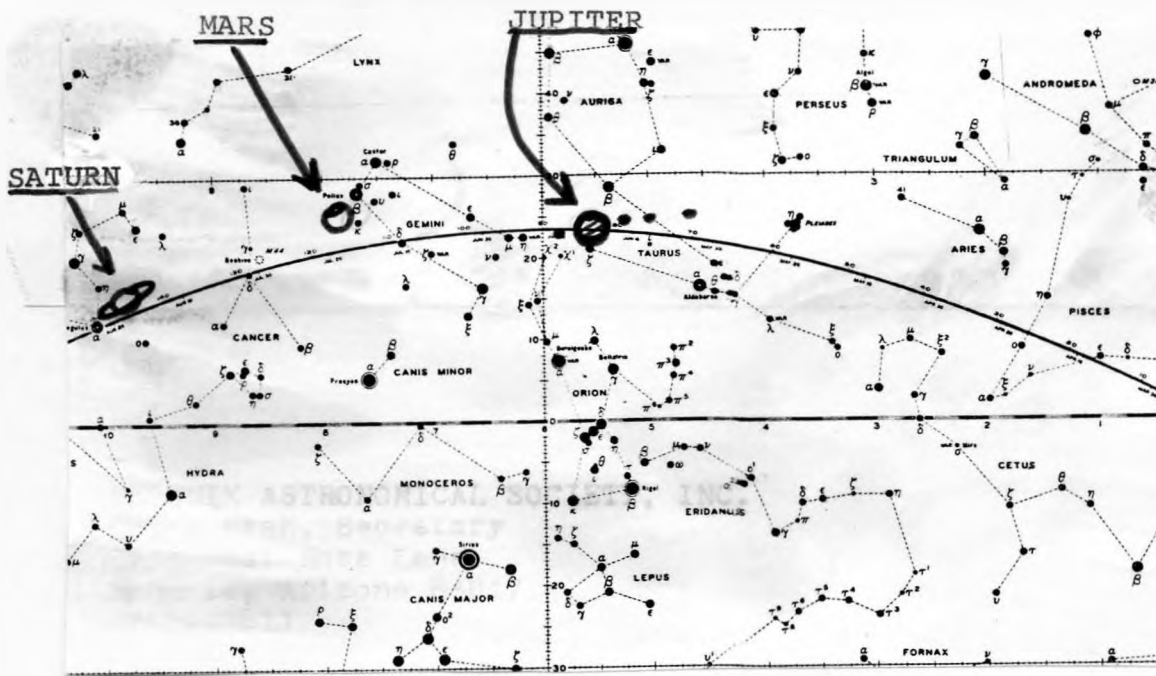
To be continued in the next issue .C.V.



P.A.S. members may list telescopes, optical equipment, books, charts, & other astronomical material FREE up to three lines per issue. Sorry, NO commercial listings accepted.

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? ? Interested in some good used or experimental new telescopes ? ? ? ? ?
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PLANETS for the
Star-Party are
SATURN: +.3mag
Rings= 46" extension
Planet= 20"
MARS: -.3mag
Dia.= 12"
JUPITER: -2.mag
Dia.= 40"

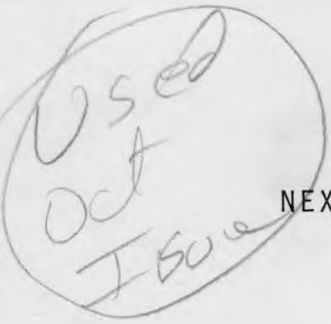
WATCH FOR THE MOONS
OF SATURN AND JUP-
ITER, IS MARS POLAR
CAP VISABLE ? ? ?

Phoenix Astronomical Society, Inc.
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Phoenix, Arizona 85017
(242-1581)

This month's meeting on the 22nd will be a combination meeting. Mr. Neil Hopkins, who runs the planetarium of the Buckeye Union High School, has graciously consented to act as host for a show at the planetarium. Because of show times being taken until 9:00, we will not be able to see the program until that time, so another activity has been suggested between 7:00 and 9:00. An area is being set aside for us to set up a number of scopes for a star party. A number of Buckeye residents are being invited, so this will give us a chance to get to know a number of very enthusiastic people. The Buckeye area may be a possible site for the 24" telescope, so this star party will provide an opportunity to see what viewing is like in that area. Several people have already promised to bring scopes, but we would like to see a lot of scopes there so all can be able to enjoy the sights. A map shows how to get there.

See you at 7:00 on the 22nd!

Bill Anderson



NEXT MEETING AT BUCKEYE HIGH SCHOOL

OCTOBER 22 MEETING TO BE AT BUCKEYE HIGH SCHOOL

OCTOBER 22 MEETING AT PLANETARIUM

PLANETARIUM VISIT PLANNED

PLANETARIUM VISIT, STAR PARTY NEXT

OCTOBER MEETING AT BUCKEYE HIGH SCHOOL