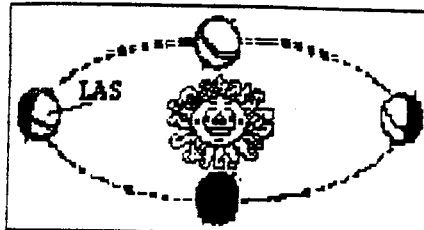


# the ECLIPTIC

**SPECIAL SUMMER  
FUN EDITION!!**



**VOL 21 NO 2  
JULY-AUGUST  
1995**

**SPECIAL DOUBLE ISSUE  
NO 3-4 COMING SOON!!**

Newsletter of the LACKAWANNA ASTRONOMICAL SOCIETY, Scranton, Pennsylvania

## **LAS OFFICERS and BOARD MEMBERS FOR 1995**

**PRESIDENT** John D. Sabia    **VICE PRESIDENT** Steve Mazurik?  
**SECRETARY** Carol Leola    **TREASURER** Cindy Krott  
**AT-LARGE MEMBERS** Phil Cruikshank/Joe Krott/  
Bob Maleninsky

### **NO JULY MEETING!!**

Instead come on up for the big **JULY 8-9, 1995 (SAT-SUN)**  
**COOK-OUT, ALL NIGHT OBSERVING SESSION & CAMP-OUT!!!**

Be up there from 5:30 on, or drop in any time you choose. Stay over night or just for an hour. There will be grills set up. We'll be supplying hot coffee and iced tea. Bring snacks or serious food, including a little to share, or just come up to observe!!

We'll be observing the sun in white light and H-alpha. The moon will be prominent before midnight. Jupiter will be spectacular then too. Saturn will be best seen in the early morning hours. Once the moon sets the summer Milky way should be great!!

Look through the club's library and atlases to comparison shop before you buy. There will be two computers set up so you can try out some software or take the ASTROQUIZ (Earn a certificate, suitable for taking home to show your Mom!)

Bring up your new scope, learn how to use it. Check out the club's new 8" f/10 Dob-mounted reflector on the moon and planets. Get to use the club's other Newtonian reflector scopes too ---the 6" f/8

**ON ALL OFFICIAL CLUB NIGHTS, A KJCO/LASO KEYHOLDER WILL BE PRESENT. IF THE WEATHER IS IN QUESTION, PLEASE CALL EITHER JOHN D. SABIA AT 586-0789, OR JOE & JO-ANN KAMICHITIS AT 343-4006, TO SEE IF ANYONE IS GOING TO CHANCE IT. ON OTHER CLEAR NIGHTS CHECK WITH THE KEYHOLDERS OR CALL THE OBSERVATORY NUMBER, 945-3665. LET THE PHONE RING A WHILE.**

**TO GET TO KJC/LASO, TAKE I-81, EITHER EXIT 61 OR 62 AND HEAD TOWARDS FLEETVILLE. THE OBSERVATORIES ARE LOCATED AT THE INTERSECTION OF ROUTE 107 AND HACK ROAD. IF YOU FIND YOURSELF AT FLEETVILLE CORNERS, YOU'VE GONE TOO FAR!!**

loaner Dobsonian, the 17" f/4.5 Coulter Dob, and the home-built 12" equatorially mounted scope out in the freshly painted LAS roll-off roof observatory. There's also the colleges scope to try - an 8" Meade Schmidt-Cass, a 10" Dob. (The Clark is still in the shop!) and of course LASer's are always happy to show off their scopes too.

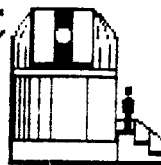
There is space to set up tents in the compound, sleep on a cot in the classroom building, or sleep out under the stars, if you prefer.

If the weather permits we should all have a great time!



## THE USUAL GREAT SUMMER STUFF!!

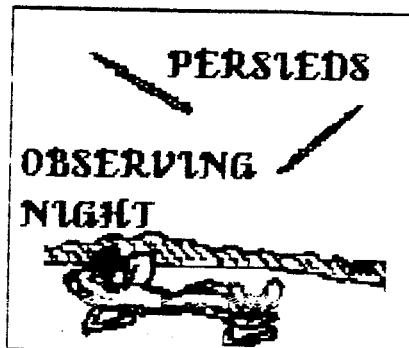
### PUBLIC NIGHTS AT KEYSTONE OBSERVATORY



These will run on Mondays and Wednesdays from July 10 to August 2. There is a different lecture each week, starting at 8:00 PM, rain or clear. In the event of severe thunderstorms or flash flood warnings the session will be canceled. Call the observatory if you're not sure. Members are encouraged to come on up. Bring a scope if you'd like to help out with the observing session after the lecture. Your help is always appreciated and you'll find that the astro-public is fun to deal with!!

STELLAFANE is the weekend of July 28 so most of the keyholders may be in Vermont. If you want to try to catch some dark skies or early Persieds that

weekend contact either John Sabia or Jo-Ann Kamichitis in advance, to see if someone with a key will be around.



The peak period this year is almost exactly at full moon so we're going to schedule this a bit earlier. (Actually sometimes the most spectacular meteors show up pre-peak!) This will coincide with our August 5, 1995 Club Observing session at LAS/EJCO. Bring a lounge chair, blankets or sleeping bag, binoculars for sight seeing, snacks, bug repellent, and warm jacket. We'll provide open skies, warm up rooms and rest rooms, coffee, tea, and cocoa. (Bring throat lozenges just in case you should get hoarse from yelling "WOW!")

**STAR PARTIES IN THE PARKS**

**PROMISED LAND STATE PARK**



We are scheduled for 2 sessions at Promised Land State Park - both are Thursdays, July 20, 1995 and August 17, 1995 at 8:30 PM for the slide show. (Observing will follow, weather permitting).

At Promised Land, the slide show and scope exhibit in the auditorium goes on no matter what! If you're bringing a scope, please try to be there by 8:00PM to set up. We also need people to watch the scopes and help out with the crowd. We always have at least 50 people show up for this.

Both sessions are dark sky nights so here's your chance to elude the skyglow from Scranton, AND bring astronomy to the public! Just head to

Promised Land State Park, Greentown PA, and rendezvous with us at the auditorium near the Nature Museum.

Take scenic Route 84 East to Exit 7 (Promised Land), go south (right) a pleasant 4.6 miles on 390, turn left at the Park Office for a rustic 1.0 mile to the Pickerel Point Contact Station. The Nature Museum, which is close to where the programs are held, is just on your right and telescopes are set up in the field a few feet further on.

**LACKAWANNA STATE PARK**



On Friday, August 4, 1995, we'll be taking our show just down the road to Lackawanna State Park. All LASers planning to help out are asked to meet at the park amphitheater by the campground area at 8:00PM or so. We'll be able to set up scopes

in a field there. Bring your scope or just your expertise.

LASers planning to just attend be up there at 8:30 PM for the slide show; observing will follow.

Go north on I 81 to exit 60. There are signs for Lackawanna State Park on 81 and at the exit.



























This event will be held cloudy or clear, since we have a chance, even with clouds, of glimpsing the quarter moon and Jupiter, BUT ... since it will be strictly an outdoor activity, RAIN WILL CAUSE US TO CANCEL!

**BEEN THERE? DONE THAT?**

Bet you haven't seen 9 satellites in half an hour! We did this spring.

When was the last time you saw the star clouds of the summer Milky Way? An Aurora? A -9 fireball? A double shadow transit on Jupiter? Saturn's rings nearly edge-on? The "Dumbell" or the "Ring"?

Join us this summer, there's always something new under the stars!!

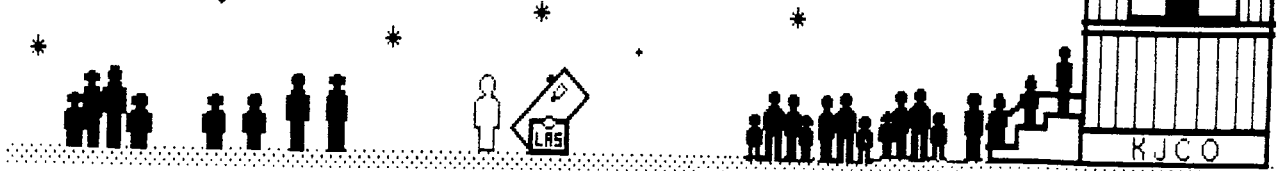
SUN	MON	TUES	WED	THURS	FRI	SAT
JUNE 25	26	27	28 NEW 	29	30	JULY 1
2	3	4 HAPPY  FOURTH!	5 1ST  QTR	6	7	8 COOK-OUT ALL NIGHTER 6 PM 8 ON 
9	10 PUBLIC NIGHT 8:00 PM 	11	12 PUBLIC NIGHT 8:00 PM 	13	14	15
16	17 PUBLIC NIGHT 8:00 PM 	18	19 PUBLIC NIGHT 8:00 PM 	20 STAR PARTY PL SP 	21	22
23	24 PUBLIC NIGHT 8:00 PM 	25	26 PUBLIC NIGHT 8:00 PM 	27 NEW 	28	29
30	31 PUBLIC NIGHT 8:00 PM 	AUG 1 7:30PM LAS MEETING 	2 PUBLIC NIGHT 8:00 PM 	3	4 STAR PARTY LSP 	5 CLUB NIGHT 8:30 PM 
6	7	8	9	10 FULL 	11	12
13	14	15	16	17 STAR PARTY PL SP 	18 3RD QTR 	19
20	21	22	23	24	25	26 NEW 
27	28	29	30	31	SEPT 1 1	2 1ST QTR 
3	4 LABOR Day!!	5 7:30PM LAS MEETING 	6	7	8	9 CLUB NIGHT 8:30 PM 
10	11	12	13 PUBLIC NIGHT 7:30 PM 	14	15	16 3RD QTR 

Board Meetings are held at the call of the chair. Any LAS member may attend. Call 586-0789 for directions, date and time of the meeting.

All LAS events shown on the calendar are held at KJC/LAS observatories in Fleetville, Pa. unless otherwise noted.

# LACKAWANNA ASTRONOMICAL SOCIETY

## 1995 MEMBERSHIP LIST



### LAS OFFICERS and BOARD MEMBERS FOR 1995

PRESIDENT John D. Sabia      VICE PRESIDENT Steve Mazurik?  
 SECRETARY Carol Leola      TREASURER Cindy Krott  
 AT-LARGE MEMBERS Phil Cruikshank/Joe Krott/  
 Bob Maleninsky

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 Clyde Christian, 3 Starlight Drive, Clarks Summit, PA 18411 587-2455  
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 Joseph Gatelli, 709 Connell St., Scranton, PA 18505  
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 Ciris & Joyce Fowell, 3200 Birney Avenue, Scranton, PA 18505 344-4104  
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If there is a mistake in your listing,  
please notify the treasurer

- Cindy Krott

419 Highland Avenue  
Clarks Summit, PA 18411

LAS  
is here



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