SAN JOSE ASTRONOMICAL ASSOC. NOV 77

What is supposed to be

NOVEMBER IN THE YEAR 1977

Oct. 29 Indoor star party, Los Gatos Red Cross, 7:00 pm. Graze occultation expedition planning meeting.

Oct. 29 Penninsula Astronomical Society, Oak Ridge Observatory, star party. Contact Gerry Rattley for more information.

Nov. 4 General Meeting, Olinder Center, William St. Park, 7:30 pm. Gerry will give a chart numbers 5, 11, 15.

Nov. 11 Board of Directors Meeting, Allen Meyer's apartment building recreation room, 200 E. Dana, apt. B-34, Mountian View.

Nov. 12 Far-out Club star party, Henry Coe Park

Nov. 19 Close-in Public star party, Sanborn Canyon. West Valley College astronomy classes invited.

Nov. 26 Indoor star party, Los Gatos Red Cross 7:00 pm.

Dec. 2 General Meeting, Olinder Center, William St. Park, 7:30 pm. The Board hasn't decided on what to do for the meeting.

Dec. 2 Board of Directors Meeting, John Rhodes' Motor home, in the parking lot, right after the General Meeting.

Dec. 2 Jack Zeiders' birthday.

Dec. 10 Far-out and close-in star party, Henry Coe Park.

Dec. 17 Indoor star party, Los Gatos Red Cross, 7:00 pm.

history

The Lexington School FEAO was attended by a few who were willing to brave the threat of city lights. Unfortunately, the fears were well-founded, as the sky is pretty light. It will be quite acceptable for public events when we will show only bright objects, but, it is too light for general use. There were a number of local people who were shown the bright objects and were impressed, so the evening was a partial success. High clouds closed things down by midnight.

by Jim Van Nuland

BLURBS

If your telescope mirror had astigmatism, would you know what to do about it? Or would you even know if it had astigmatism? To find out, there is a telescope makers class every Friday night at Chabot Observatory. For astronomers, this is the place to go, (other than star parties and club meetings.) It's a class in telescope optics, (with 4 instructors who can answer any questions you might have,) a gab session, a planning session for future events, a machine shop, and a lot of nice, friendly people, as well as an observatory. If you have any interest in astronomy, and haven't been there, you should go, at least a few times just to see what it's like. For more information, just ask anybody who's ever been there.

Looking at this months club calendar, one might notice that December has very few events in it. This is because The Board, taking pity upon us all, decided not to schedule too many things right in the middle of everyone's Christmas and New Years holidays. So have a good astronomical vacation.

At the October General Meeting, we heard a short talk about the AANC Conference. I won't write anything more about it.

The plea goes out again - Ed Schell wants another title other than News Notez for his reports.

"A mistake is evidence that some one tried to do something."
Quoted by John Rhodes
at the last board meeting

NEWS NOTEZ Ed.Schell

LMC X-1 has been identified as a supernova remnant.
Science News, Oct. 1

The ultraviolet spectrum of quasar 3C 273 has been observed and may be evidence indicating the universe is closed.
Science News, Sept. 24

There will be a positive leap second at Dec. 31d23h59m60s 1977, Jan. 1d00h00m00s 1978.
IAU Circular 3121

The Viking Landers have detected and photographed frost on Mars.
Science News, Oct. 8

EDITORIAL

I believe anyone who doesn't attend and help with the public star party at Sanborn Canyon for the West Valley classes should not have the right to complain if West Valley comes to some of our other star parties.

Penny L. Pinschmidt

GREAT RED SPOT
ON MERIDIAN LCT

da	mo	d	h	m		
W	10	26	2	34	AM	
F	10	28	4	13	AM	
Su	10	30	4	51	AM	PDT
M	10	31	0	42	AM	PST
W	11	2	2	20	AM	
W	11	2	10	11	PM	
F	11	4	3	58	AM	
F	11	4	11	49	PM	
M	11	7	1	27	AM	
M	11	7	9	19	PM	
W	11	9	3	6	AM	
W	11	9	10	57	PM	
F	11	11	4	44	AM	
Sa	11	12	0	35	AM	
M	11	14	2	13	AM	
M	11	14	10	4	PM	
W	11	16	3	51	AM	
W	11	16	11	42	PM	
F	11	18	5	29	AM	
Sa	11	19	1	20	AM	
Sa	11	19	9	11	PM	
M	11	21	2	58	AM	
M	11	21	10	49	PM	
W	11	23	4	36	AM	
Th	11	24	0	27	AM	
Th	11	24	8	19	PM	
Sa	11	26	2	5	AM	
Sa	11	26	9	57	PM	
M	11	28	3	43	AM	
M	11	28	11	35	PM	
W	11	30	5	21	AM	
Th	12	1	1	13	AM	
Th	12	1	9	4	PM	
Sa	12	3	2	51	AM	
Sa	12	3	10	42	PM	

The Great Red Spot of Jupiter was recovered Oct. 9 by Brad Carlson, working from predictions by Jim Van Nuland. Brad reports that the spot is faint, occassionally pink, and best detected by the dents made by it in the belts north and south of it. The predicted time was off by only 5 minutes, so maybe the disturbances are settling down and we'll have our Bright Red Spot back again in the future.

by Jim Van Nuland

An Announcement
There will be a graze occultation Nov. 4th and 5th (Friday night-Saturday morning.) By now you should have gotten your notice of it in the mail - so I'll make this short. Anyone who is interested can come - even if you don't actually participate in the graze itself. Simply treat it like a star party. That is if you don't mind gazing to the tune of WWV instead of Jack Zeiders' stereo. So come, it'll be fun, and you might learn something as well. For more info. contact Jim Van Nuland 371-1307 or Gerry Rattley 732-0202.

Penny

I need items for the bulletin from everybody, even you, on anything. If I don't get very much, I'll have Ed Schell write a guest editorial.

More History

Over the weekend of October 7 & 8, there was another one of everybody's favorite past-time activities - a star party. Not just a star party, but a Fremont Peak Star Party! This "Freeky Peak" star party was a special one in that it was the post-conference star party for the September AANC Conference.

During the evening hours of Friday and Saturday nights, fellow astronomy nuts from such clubs as the San Francisco Sidewalk, San Mateo, East Bay and of course, your very own and dear San Jose group, gathered for an enjoyable time of viewing through a wide variety of homemade and commercial telescopes. The astronomy classes from West Valley College were there also. Plus the "friend,of a friend, of a friend etc..."

As you might well imagine, there were quite a few of us up there that weekend, an estimated total I heard somewhere of between 200-300 in all. This did make thigs none the less crowed. But, after about 10-11 pm, the lines at John Dobson's 24 and Kevin Medlock's 18 (among others) began to die down. That left only us true, devoted, and loyal astronomers at the telescopes observing or just gossiping. The weather was excellant on Saturday when I was there (I actually had on only 3 layers of clothes!) and, from what I heard about Friday night, it was much the same, except for a wind which came up late in the evening.

by Cathy Pinheiro

ADS ADS ADS ADS ADS

FOR SALE

6" f10 Reflector
Excellent optics
Heavy duty mount
$60.00

Norman Wild
252-8966

FOR SALE

8" Dynamax
Standard case
Coated optics
All standard accessories
2 years old
$1200 in 1975

Phil Langrell
964-7198

3 extra eyepieces
Counter weights
Off-axis tracker
Illuminated reticule
Right angle finder
Asking $875

3415 Shady Spring Ln.
Mountain View

Σ	208,AB	10 Ari	02	00.8	+25	42	5.9- 7.4	F	317	0.8	356	3↑
Σ	228	And	02	10.8	+47	15	6.5- 7.1	F	266	1.1	145	2
A	2013	Cet	02	13.3	+06	24	9.8- 9.8	K+K	155	0.2	35	2↑
Hst	1	Cet	02	13.4	-18	28	8.3- 9.3	K	126	1.0	169	4
Σ	234,AB	Cas	02	13.7	+61	07	8.5- 9.4	G	240	0.9	150	3
Joy	1,Aa	o Cet	02	16.8	-03	12	var-10.0	M+B	105	0.3	841	5↓
A	961	Tri	02	17.2	+29	35	9.3- 9.3	F	307	0.4	180	4↓
h	3494	For	02	17.8	-35	40	8.8- 9.0	G	259	1.5	261	3
Hu	425	Ari	02	18.4	+21	22	10.7-11.3	G+K	192	0.4	204	4↑
β	738	For	02	21.1	-30	06	7.5- 7.9	F	201	0.5	110	4↓
Σ	257	Cas	02	21.9	+61	20	7.7- 8.0	B	76	0.2	209	3↑
Σ	262,Aa	ι Cas	02	24.9	+67	11	4.7	A	- close -		52	-
Σ	262,AB	ι Cas	02	24.9	+67	11	4.7- 7.0	A+F	234	2.5	840	5
A	2329	Cet	02	25.1	+04	12	9.3- 9.5	K+K	222	0.2	25	2
		-- A 2329 will next be widest in 1996; θ=111°; ρ=0".6										
φ	312	ε Cet	02	37.1	-12	05	5.7- 5.7	F	- close -		2½	2
OΣ	43	Ari	02	37.8	+26	25	8.3- 9.9	F	8	1.0	475	4
Σ	296,AB	θ Per	02	40.8	+49	01	4.2-10.0	F	303	19.6	2720	5
Σ	305,AB	Ari	02	44.6	+19	10	7.4- 8.2	F	309	3.7	720	5
A	1281	Per	02	48.2	+45	47	9.4-10.9	G	83	0.5	192	4↑
β	524,AB	20 Per	02	50.5	+38	08	6.0- 6.1	F	- close -		62	2
A	2413	Cet	02	54.6	+01	41	8.5- 8.6	G	78	0.4	150	4
β	741,AB	For	02	55.0	-25	10	8.4- 8.6	G	326	0.7	137	3↑
β	525	Ari	02	56.0	+21	25	7.4- 7.4	A	268	0.4	434	4
OΣ	50,AB	Cas	03	07.6	+71	22	8.5- 8.5	F	34	0.7	626	5↑
Σ	360	Per	03	09.0	+37	02	8.1- 8.3	G	126	2.5	617	5
h	3555	α For	03	09.9	-29	12	4.1- 6.6	F	305	3.0	155	3
Jc	8,AB	Eri	03	10.7	-44	36	6.5- 6.9	F	253	0.1	47	2
		-- Jc 8 will next be widest in 2002; θ=171°; ρ=0".7										
Σ	367	Cet	03	11.5	+00	33	8.9- 8.9	F	144	1.0	790	4
OΣ	52,AB	Cam	03	13.1	+65	29	6.8- 7.3	A	69	0.4	330	5↓
OΣ	53	Per	03	14.5	+38	27	7.7- 8.2	G	265	0.9	118	3
AC	2	95 Cet	03	15.8	-01	07	5.6- 9.6	K	243	1.2	217	4
β	1177	Cet	03	16.3	-01	13	10.8-10.8	G	208	0.4	222	4
A	2909,AB	Eri	03	22.1	-15	50	8.3- 8.3	G	- close -		25	3
A	980,AB	Cam	03	24.3	+60	05	6.8- 8.0	B	- close -		260	4
Σ	400,AB	Cam	03	30.9	+59	52	6.8- 7.8	F	258	1.3	288	3↑
Σ	412,AB	7 Tau	03	31.5	+24	18	6.6- 6.7	A	6	0.6	568	3
B	52	For	03	31.9	-31	15	6.7- 7.2	F	- close -		19	2
A	1535	Per	03	32.8	+42	11	9.0- 9.4	G+G	307	0.6	221	3↑
Σ	422	Tau	03	34.2	+00	26	6.1- 8.9	G+K	266	6.6	2101	5
Kui	13,BC	Cam	03	43.1	+68	30	11.6-11.6	K	153	0.5	58	4↓
β	536,AB	Tau	03	43.3	+24	02	8.6- 9.6	A	167	0.3	1000	5↓
β	1003	For	03	43.3	-28	01	7.9-12.0	K	116	1.4	425	4
OΣ	65	Tau	03	47.3	+25	26	5.9- 6.3	A+A	207	0.6	62	2↓
Σ	483	Per	04	00.7	+39	22	7.4- 8.9	G	77	0.9	395	3↑
Σ	460	Cep	04	01.6	+80	34	5.7- 6.4	F+A	109	0.8	415	4↓
A	1710	Per	04	03.0	+43	17	8.2- 8.2	G+G	323	0.5	87	3↑
OΣ	531,AB	Per	04	04.2	+37	57	7.3- 9.0	K	3	1.5	706	4↑
A	2801	Eri	04	08.2	-05	00	8.2- 8.2	G	- close -		20	3
A	1938	46 Tau	04	10.8	+07	35	6.1- 6.1	F	- close -		7	2
OΣ	77,AB	Per	04	12.6	+31	34	8.1- 8.2	G	270	0.8	200	3
Rst	2338	Hor	04	12.7	-46	15	7.0- 7.1	F	- close -		19	2
Σ	518,BC	o^2 Eri	04	13.0	-07	44	9.4-11.1	A+M	340	6.6	252	3
Σ	511	Cam	04	13.7	+58	40	7.4- 7.8	A	107	0.4	254	3
Ho	328	Tau	04	14.1	+19	33	8.4- 8.4	F+F	11	0.4	60	3↑
Σ	520	Tau	04	15.3	+22	41	8.3- 8.3	F	223	0.2	690	4↑
OΣ	79	55 Tau	04	17.0	+16	24	7.2- 8.3	F	81	0.4	91	2↓
		-- OΣ 79 will next be widest in 2045; θ=42°; ρ=0".8										

β	744,AB		Eri	04	19.4	-25	51	6.5- 6.7	F+F	322	0.6	77	2↓
OΣ	82		Tau	04	19.9	+14	56	7.4- 8.6	F+G	359	1.4	256	3
Hu	304	66	Tau	04	21.1	+09	21	5.8- 5.9	A	- close -		52	2
β	1185		Tau	04	22.8	+18	45	8.4- 8.5	G	- close -		28	2
β	311		Eri	04	24.8	-24	12	6.7- 7.2	A	116	0.5	176	3↑
Hu	1080		Tau	04	26.1	+16	03	7.2- 7.5	F+G	262	0.3	40	2
			-- Hu 1080 will next be widest in 1988; θ=259°; ρ=0".5.										
Σ	554	80	Tau	04	27.3	+15	32	5.9- 7.9	A	17	1.8	170	3
Hu	1082		Per	04	31.5	+39	03	9.3- 9.8	K	101	0.4	54	2↑
B	2092,AB	α	Dor	04	32.9	-55	09	4.1- 4.4	A	- close -		13	3
β	1295,AB	2	Cam	04	36.0	+53	23	5.6- 7.6	F	- close -		26	4
Σ	566,AB-C	2	Cam	04	36.0	+53	23	5.4- 7.6	F	230	0.8	425	4
Σ	577		Per	04	38.8	+37	25	8.6- 8.6	F	22	1.1	655	4
h	3683		Dor	04	39.5	-59	02	7.1- 7.2	G	91	2.9	552	3↑
Hu	612		Cam	04	43.8	+53	13	7.0- 9.0	F	340	0.4	165	4
β	883		Ori	04	48.4	+10	59	7.7- 7.7	F	- close -		16	1
β	552,AB		Ori	04	49.0	+13	34	6.9- 8.5	F	7	0.3	101	3
β	314,AB		Lep	04	56.8	-16	27	5.8- 7.3	F+F	275	0.1	56	2↑
			-- β 314 will next be widest in 2010; θ=319°; ρ=1".0.										
OΣ	93		Ori	04	57.8	+05	02	8.2- 9.7	G	237	1.0	531	4
A	1844,AB		Tau	04	58.6	+26	36	7.0- 9.6	F	- close -		25	2
Hu	445		Tau	04	58.8	+20	46	8.6- 8.9	G+G	269	0.4	82	3
Don	91		Lep	05	00.4	-21	20	8.7-10.7	M	349	0.7	48	3↓
A	3010	104	Tau	05	04.5	+18	35	5.8- 5.8	G	- close -		6	5
OΣ	98	14	Ori	05	05.2	+08	26	5.9- 6.6	F	21	0.7	199	3
A	2636		Ori	05	06.3	+03	09	6.9- 8.0	A	- close -		150	4
OΣ	517,AB		Ori	05	10.9	+01	55	6.9- 7.1	A+G	236	0.5	312	3
Σ	677		Cam	05	20.0	+63	21	7.7- 8.0	G	159	1.0	370	4↑
A	2641		Ori	05	20.0	+02	34	8.4-10.9	G	239	0.4	89	3↑
A	847,BC		Ori	05	21.3	-00	55	7.7- 7.8	F	- close -		49	3
A	1034		Cam	05	26.5	+70	46	8.5- 9.0	G	138	0.5	220	4
Σ	728	32	Ori	05	28.1	+05	55	4.6- 5.9	B	44	0.9	586	5
δ	85		Lep	05	30.9	-24	17	9.0- 9.6	K	276	0.6	89	3
β	1240,AB	26	Aur	05	35.4	+30	28	6.1- 6.4	A+F	- close -		53	3
β	1032,AB	σ	Ori	05	36.2	-02	38	3.9- 5.9	O	- close -		125	4
Σ	774,AB	ζ	Ori	05	38.2	-01	58	2.0- 4.2	B+B	163	2.4	1509	5
β	1007	126	Tau	05	38.4	+16	31	5.5- 5.7	B	- close -		78	3
A	494,AB		Ori	05	40.5	-06	49	6.4- 7.1	F+F	- close -		20	2
Hu	1570		Pic	05	56.9	-52	13	9.5- 9.6	G	328	0.6	182	3↑
Hu	1399,AB		Col	05	58.5	-31	03	8.9- 9.7	K+K	321	0.9	72	3
A	2715,AB	μ	Ori	05	59.6	+09	39	4.3- 5.4	A	- close -		17	2
Kui	23,AB	1	Gem	06	01.1	+23	16	4.9- 5.2	G	- close -		13	3
Dun	23		Pup	06	03.5	-48	27	7.0- 7.4	G	113	2.5	464	4
Rst	3442		Lep	06	07.7	-22	46	6.5- 6.5	F+F	- close -		18	2
Rst	5225		Ori	06	13.3	+01	11	7.1- 7.1	F	- close -		26	3
φ	331,Aa	75	Ori	06	14.4	+09	58	6.1- 6.1	A+A	- close -		8½	3
β	895,AB		Aur	06	16.8	+28	27	7.9- 7.9	A	- close -		54	2
A	2667		Mon	06	18.8	+02	18	6.9- 7.2	A+A	154	0.4	120	3
OΣ	139		Gem	06	22.6	+22	29	7.8-10.3	A	249	0.5	514	4
Ross	614		Mon	06	26.8	-02	45	11.3-14.8	M	169	0.7	16	3
R	65,AB	z	Pup	06	28.6	-50	12	6.0- 6.0	G	275	0.7	50	3
HdO	195,CD	z	Pup	06	28.6	-50	12	9.7- 9.8	-	189	0.5	101	3
Σ	932		Gem	06	31.5	+14	48	8.1- 8.2	F	311	1.8	2360	5
Ho	234		Mon	06	32.2	-11	11	8.2- 8.2	F	357	0.3	169	4
OΣ	149		Gem	06	33.3	+27	19	7.1- 8.7	G	324	0.6	115	2↑
φ	19		Col	06	34.2	-36	02	6.9- 7.2	G	- close -		26	3
Σ	948,AB	12	Lyn	06	41.8	+59	30	5.4- 6.0	A	79	1.7	699	5
AGC	1,AB	α	CMa	06	43.0	-16	39	-1.4- 8.7	A+A	49	10.3	50	1↓

COMET UPDATE

The brightest reported visual magnitude for comet Kohler (1977m) was 7.3 with a tail 25'-30' at p.a. 65° and smaller tails to the north.

The brightest visual magnitude reported for comet Encke was 8.8.

The following comets are under observation as reported after Aug. 1st:

Encke*
Tsuchinshan*
Kojima (1970 XII)*
Schuster (1975 II)
Gehrels 3 (1975o)*
Kopff (1976b)*
Faye (1976i)*
Klemola (1976j)*
Grigg-Skjellerup (1977b)*
Lovas (1977c)
Tempel 2 (1977d)*
Kowal (1977f)*
Tempel 1 (1977i)*
Wolf-Harrington (1977j)*
Arend-Rigaux (1977k)*
Chernykh (1977l)*
Kohler (1977m)
Sola (1977n)*
Schuster (1977o)

* Periodic

International Astronomical Union Circulars
3092-3120

Predicted positions for comet Kohler from IAU Circular 3112:

Nov. 3	18h 32m	- 2° 47'	mag. 6.5
8	18 57	- 7 14	
13	19 24	-11 43	6.4
18	19 51	-16 05	
23	20 20	-20 09	6.5
28	20 48	-23 47	
Dec. 3	21 17	-26 53	6.8

Ed Schell

NEW COMET REPORTED LAST FRI.
CIRCULAR 3124 DATED OCT. 21
COMET SANGUIN (1977p)