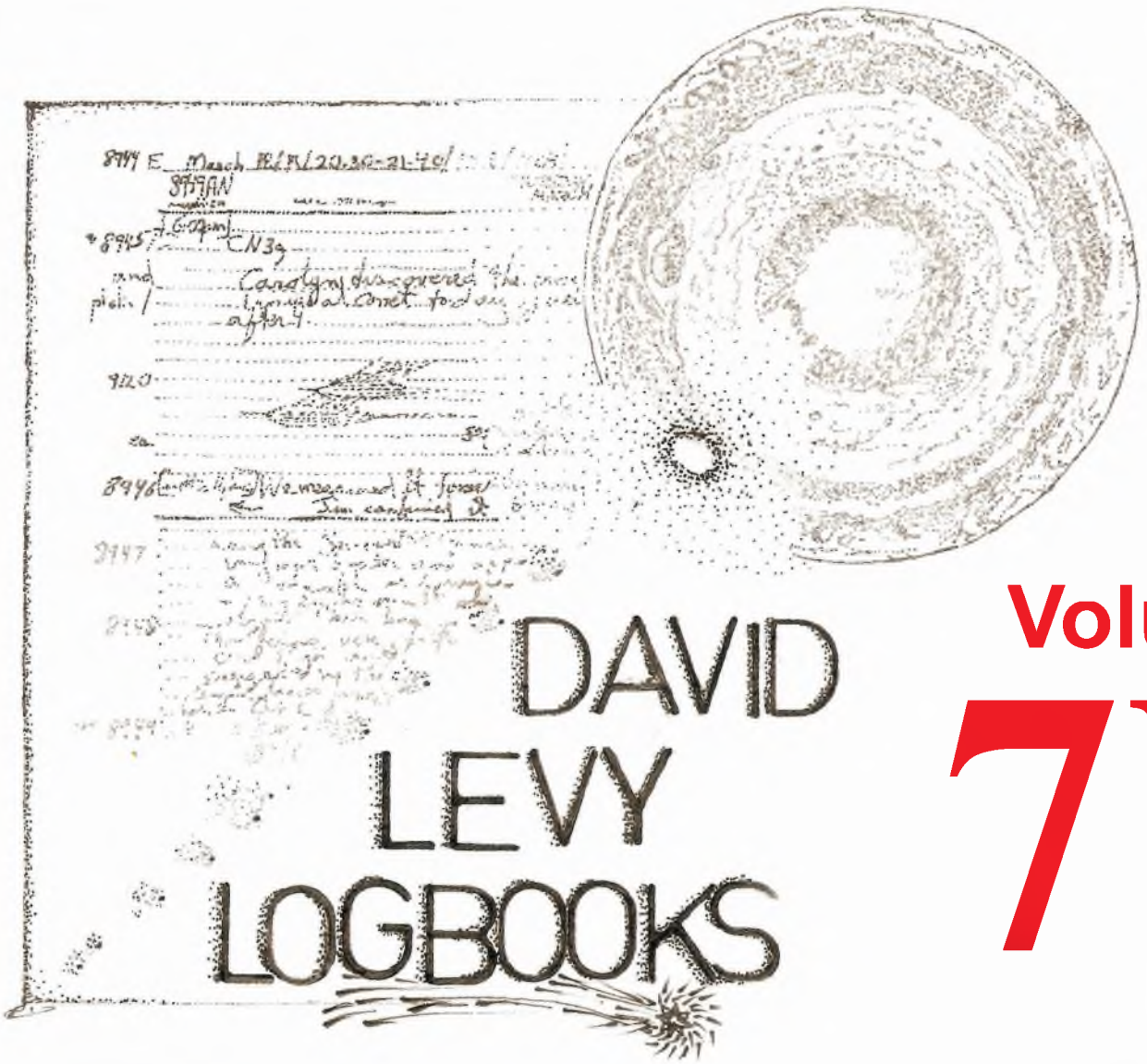


DAVID LEVY LOGBOOKS

Volume 7b

18683E. Tuesday July 21, 2015/2000 to 2215/
0-3/ Tonight I gave the lecture "They Call
Me Pluto" at the Montreal Centre of the Royal
Astronomical Society of Canada. ~~I gave~~
There were almost ~~seventy~~ people in the audience.
There were 11 people from the AAR, almost
25% of the people from the retreat. Wendee
said I had one of my best talks since pre-stroke.
"You were right on tonight." she said.
We viewed Saturn through Bellevue tonight.

Dawed
at
120
Carey St.

older picture of Milky Way.

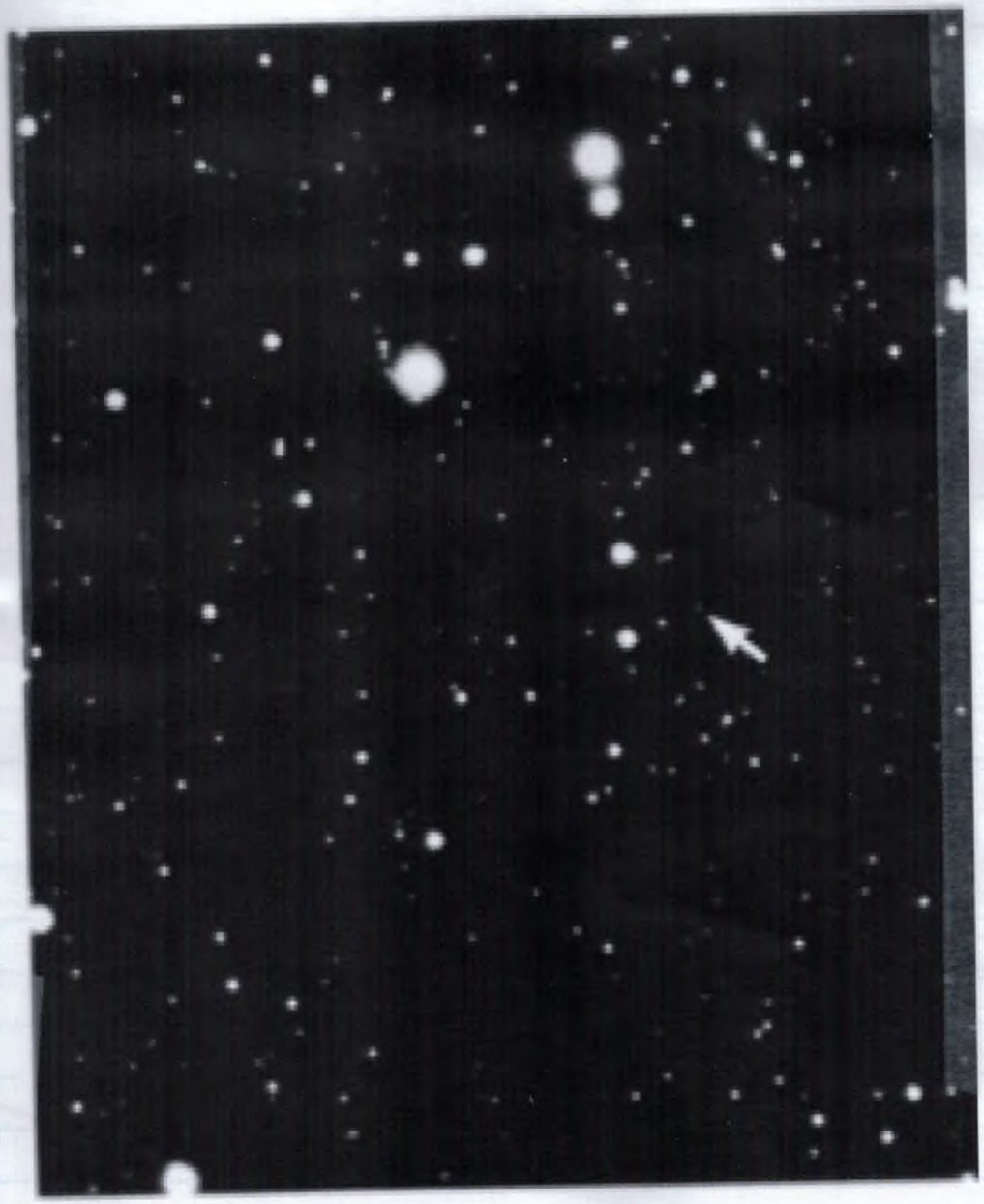
Two pictures of the discovery of Pluto, taken by

DISCOVERY OF TI

January 23, 1930

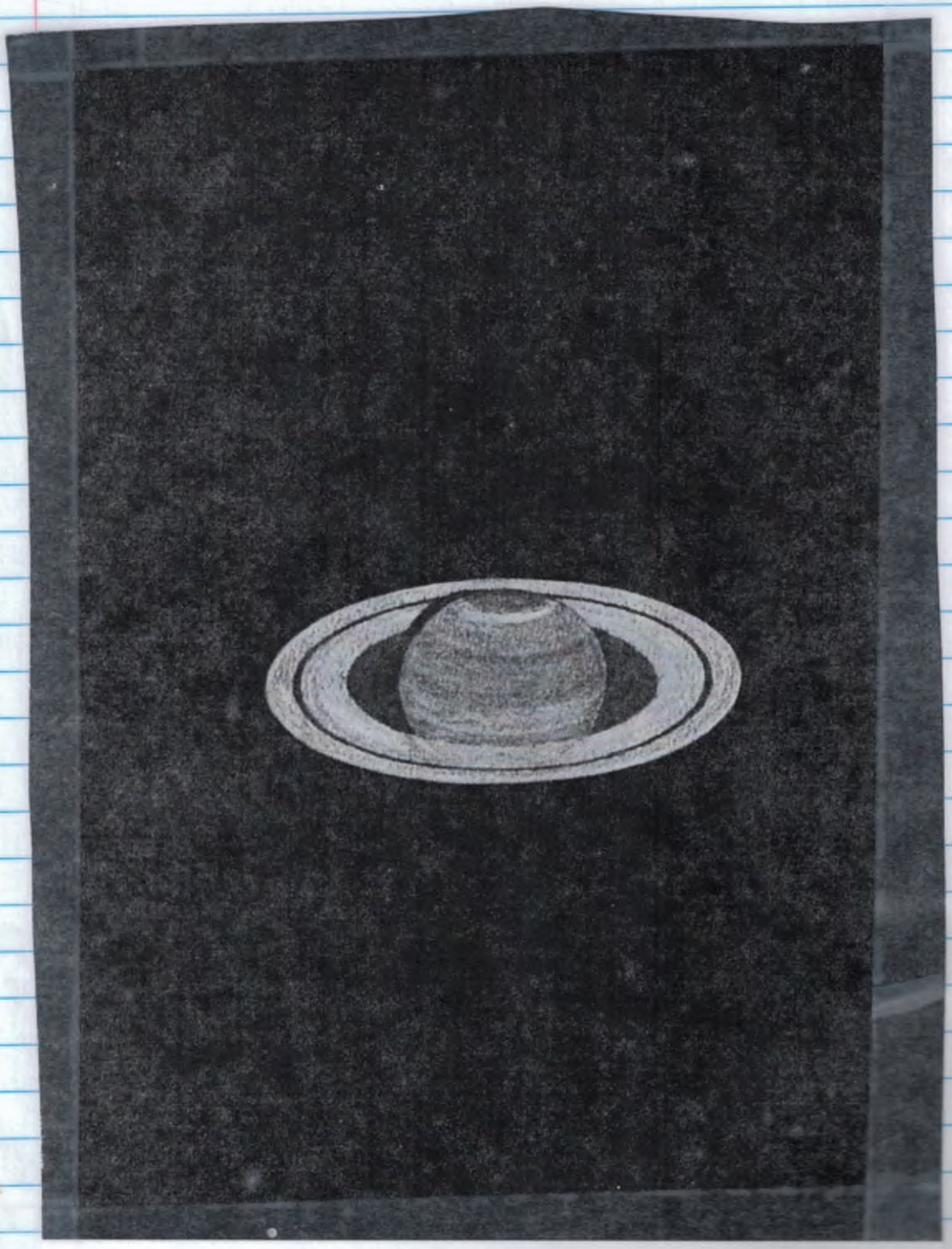
Clyde + examined by him at 4pm February 12, 1930
at 4 pm.

HE PLANET PLUTO



January 29, 1930

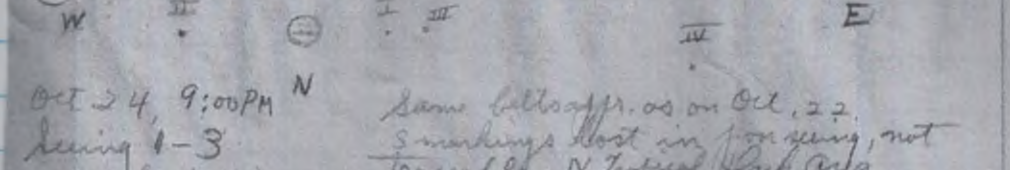
Tombaugh drawing of Pl Saturn, circa 1928



Clyde Tombaugh observing log, circa 1928.

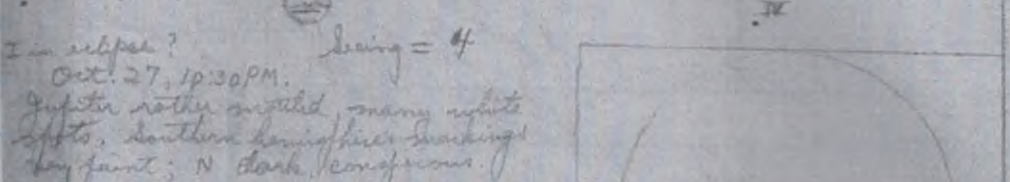
928

30 x 15 = 450 seconds of arc = 12 minutes of arc.
The error of the equatorial = 7½ minutes of arc southward
(that is the S disappears first) every 33 minutes of time
(polar axis not step enough)

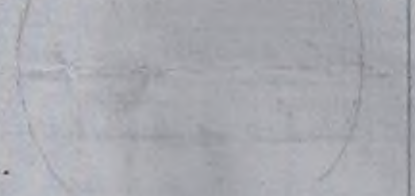


Oct 24, 9:00PM
Seeing 1-3
(rather poor)
windy, hazy, partially cloudy

Same bells appr. as on Oct. 22.
S markings lost in poor seeing, not traceable. N. Tropical Dark Area conspicuous and dark, with black spots under the prongs.



I in eclipse?
Oct. 27, 10:30PM.
Seeing = 4
Jupiter rather unsteady, many white spots. Southern hemisphere markings very faint; N dark conspicuous.



I travelled 344,000 miles in 24 hrs

Seeing 3-4
Oct. 22, 1928
11:15

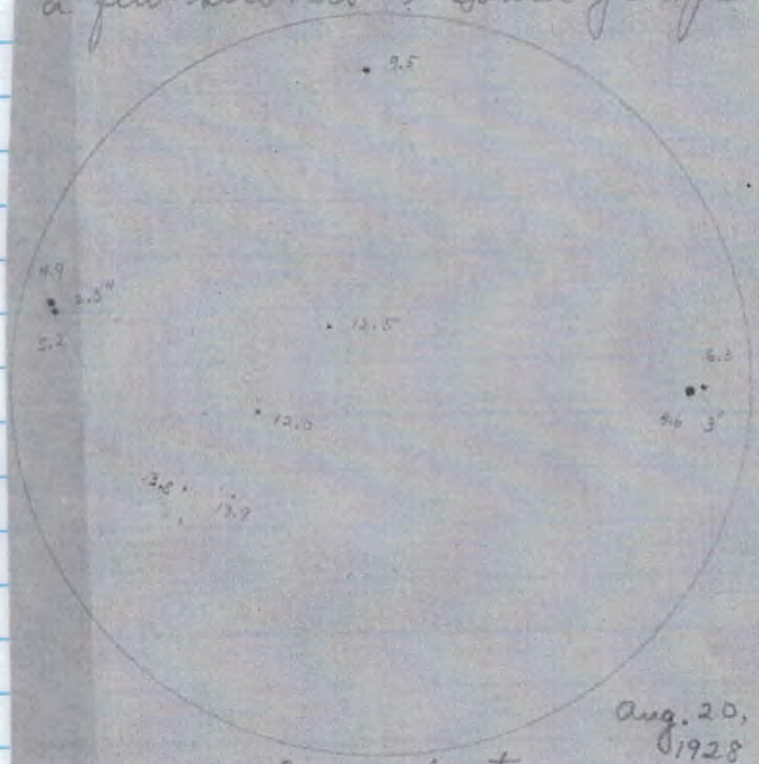
$5\% = \frac{1}{20}$ x.
$5x = \frac{480}{4}$
$5x = 120$
$x = 24$

$8 \times \frac{6}{5} = \frac{48}{5} = 9\frac{3}{5}$

$\frac{799000}{9\frac{3}{5}}$

log p. 2, circa 1928

The two stars of mags. 12.0 and 12.5 were easily seen and steady. By averted vision I could see the two fainter stars: mags. 13.8 and 13.9 at intervals for a few seconds. I could glimpse them directly.



No trace of the 15th mag. star could be glimpsed, which is really far beyond the range of a 9 inch. I dare say it would be a good test for a 15 inch aperture.

The globular star-cluster (13 M) of Hercules was well seen. The outlying part was resolved into many stars with the $\frac{1}{5}$ inch eyepiece (400 X), but not the central part.

Aug. 20, 1928

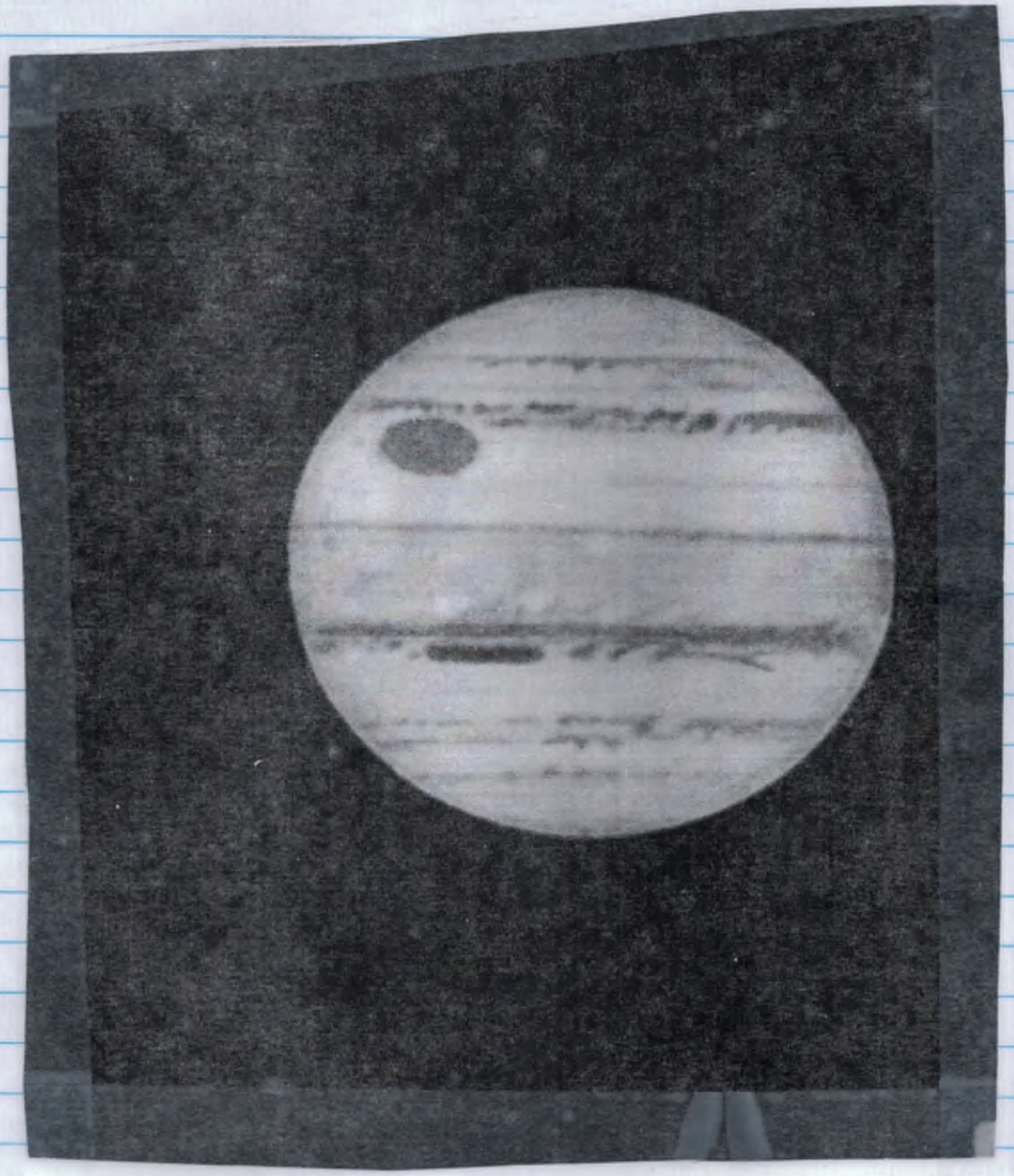
Epsilon Lyrae System
seen thru my 9 inch Newtonian; 396 X.

I believe a power of at least 1000 with a 20-inch aperture would be needed to resolve the central part of the cluster into stars.

On the morning of Oct. 3, 1928; the seeing was very good Oct. 2, PM + Oct. 3, AM, I stayed up all night looking thru my reflector. On this morning I divided η Orionis nicely. Mags.: 4, 5; and 1.2" of arc apart between centres. Here is the way I saw it: →
I used the $\frac{1}{5}$ inch eyepiece, power 396 diameters.

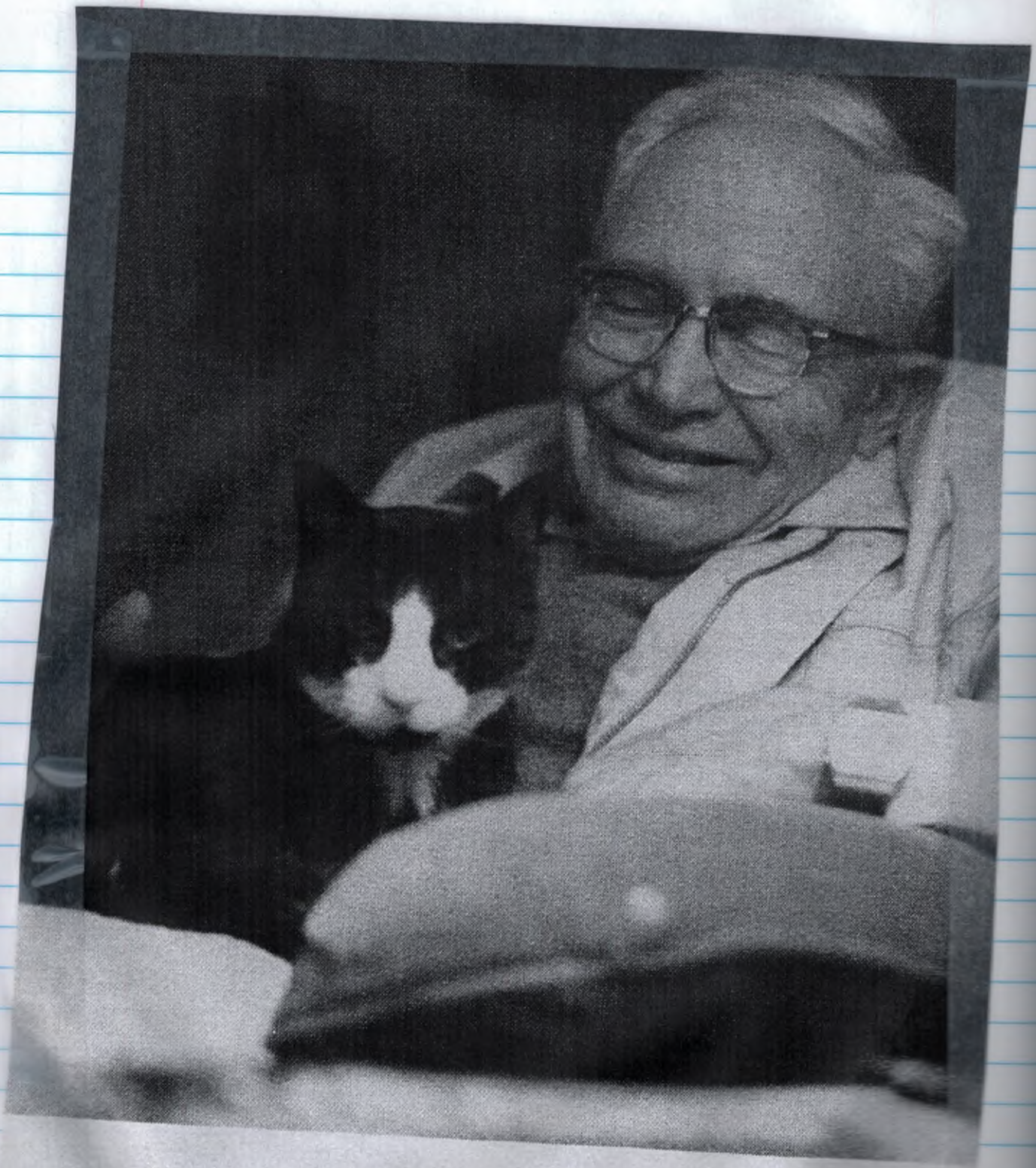
η Orionis
Oct. 3, 1928

Clyde Tombaugh's
Jupiter, circa 1936.



Streator, Illinois
Proof Pluto is a planet!

AGE TWENTY-THREE BEGA
LOWELL OBSERVATORY
ARIZONA. IN 1930, AF
STUDY OF RECKONINGS
LOWELL, TOMBAUGH DIS
NINTH PLANET IN OUR
WHICH HE NAMED PLUTO



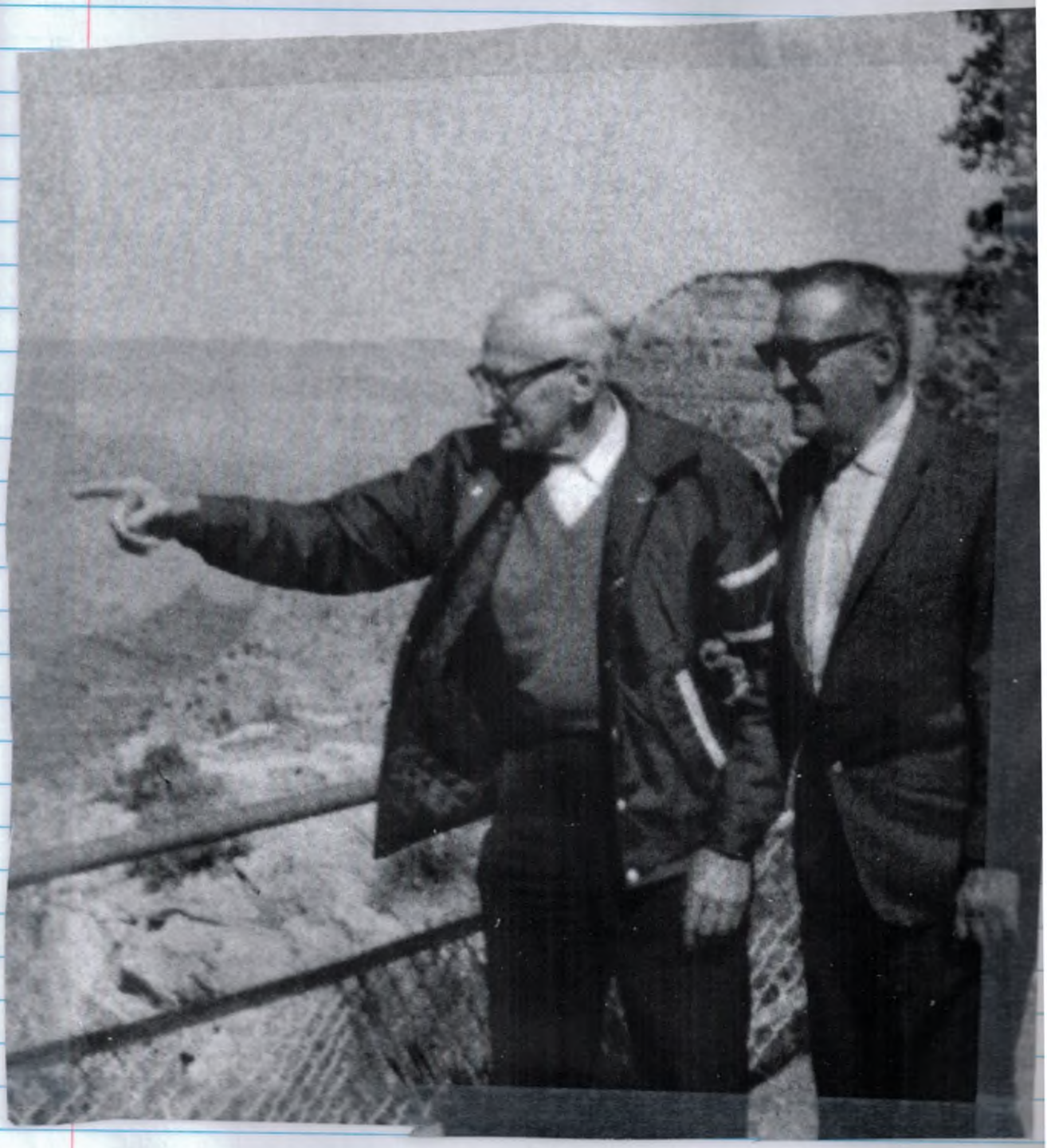
Clyde Tombaugh with cat Pluto, 1990.

PHOTO BY THE AUTHOR.

TWIN LAKE
CAMP FOR BOYS

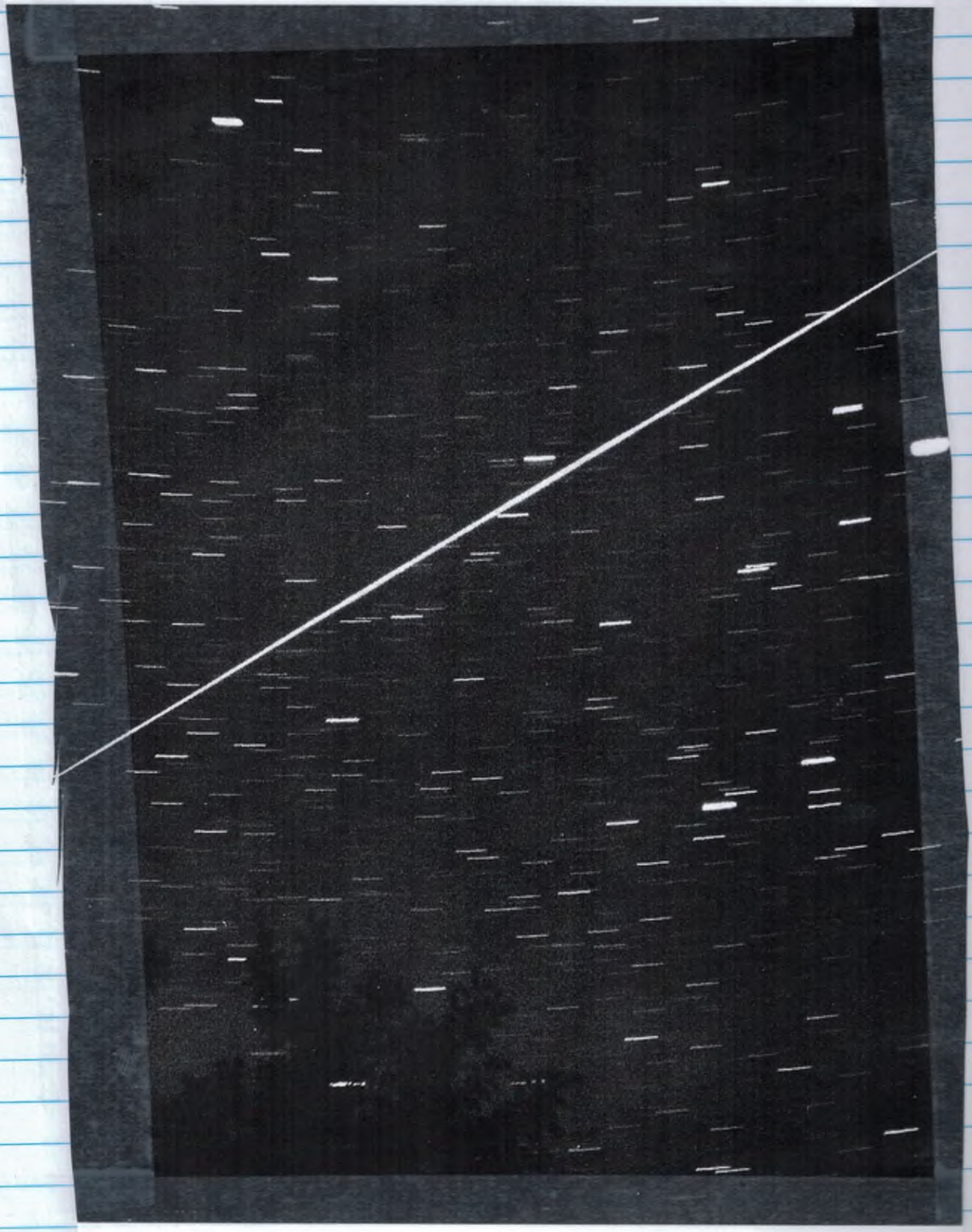
Twin Lake Camp, Bunk B 1956.

↑ me.



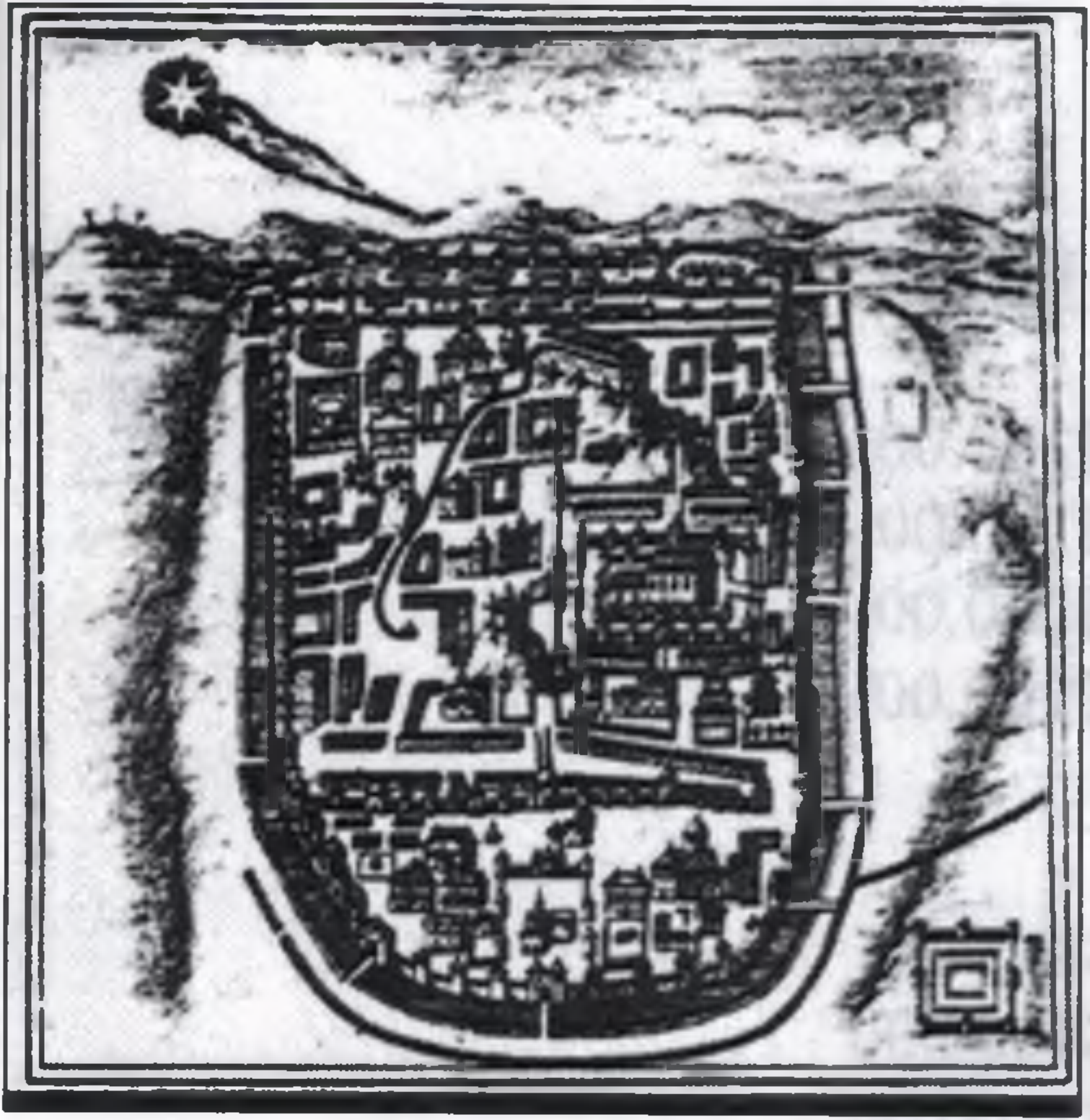
Grampas Willie & Maurice, 1967
at Grand Canyon.

Echo 1, photo by Tim Hunter.



Doweed + Dad
JNHAC 1962

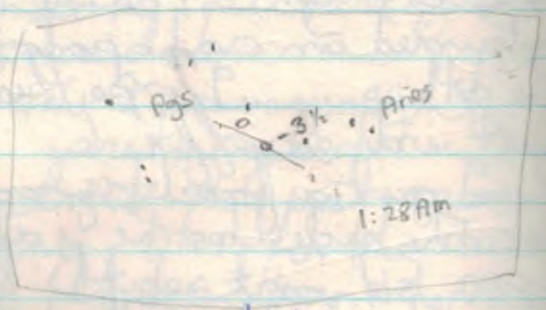

TIME
COSMIC CRASH
A shattered comet is about to hit Jupiter, creating the biggest explosion ever witnessed in the solar system. Could it happen here on Earth? Yes ...




Allan
Memorial
Institute
Entrance

Monday, August 16

MARS
0115 Aug 1
8" reflect
8mm bre

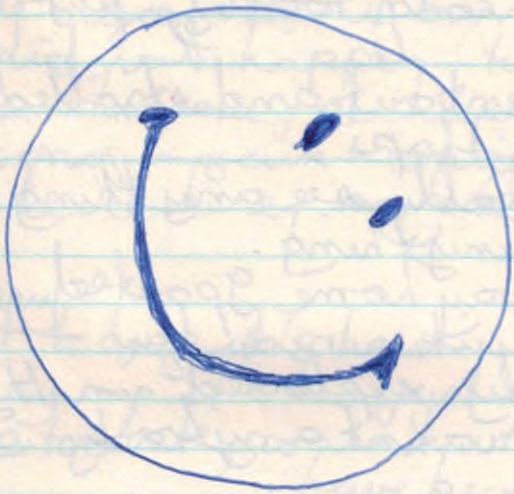


Fireball report
also tonight

Mars at 23:45
8" reflector 8
seeing 3-4 tr

I really did not want to observ
ing a walk with Clip at 11 I decided
miss and do only a Mars drawing
happy with ~~the~~ ~~Tonight~~ it. Tonight
Wendy Robbie ~~R+R~~ Richard & Ro
and Grandpa came for dinner
sation was really lively. And lo
ched with Mom the Curtis ation pre
And I talked with Ken over the p
free ~~O+H~~ choice + determinism.
Tomorrow I plan to eat wit
Uncle Sydney; I am looking forwa
(It's been ages since I did that.
Other than that, today was
a mystery. It sort of took me of
afternoon to wake up. And now it
I'm exhausted again. See you

Now about this party this afternoo
Is it family? Is it socializin
enjoy informal family gatheri
so its not family. But some
There is ~~that~~ about a party that
me off, unless I can isolate myse
with maybe one or two others, fro
group. But maybe that stat
isn't valid either.

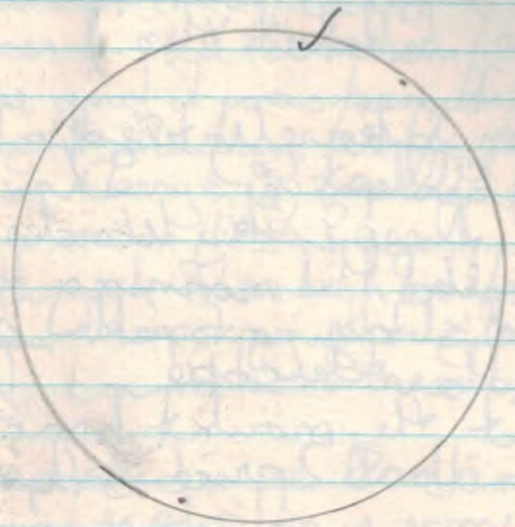


Thursda
26/7/1

Mars

August 31 1971

This afternoon I spent my time sun[illegible] myself on the lawn, Gerry and Qua[illegible] joined me for a while and I listened [illegible] ~~records~~ my cassette player.



The Sun o[illegible]
Aug 31
1750 3.5
26mm eye[illegible]
Seeing 4-5
Transp 4.

Friday, Sept. 3.

Earth at 17 hrs.
8" reflector 8mm.
detail view

SEPT.

Partly Cloudy, cool

Sept. 6 1971 ~~Ur~~
Mars at 11:00PM

8" reflector
any powe

presence of dis
imagined

Transz. O Ss

But other part of the sky wa
a bit better and I got a view of t
with the new eyepiece I ~~bought~~ got
Brown ~~w~~ as a trade for some record
We had a lively discussion th
mostly about the Royal Astronomica

Dad Looked at the letters concerni
article tonight.

One week 'till Acadia start

☮ Mars?!

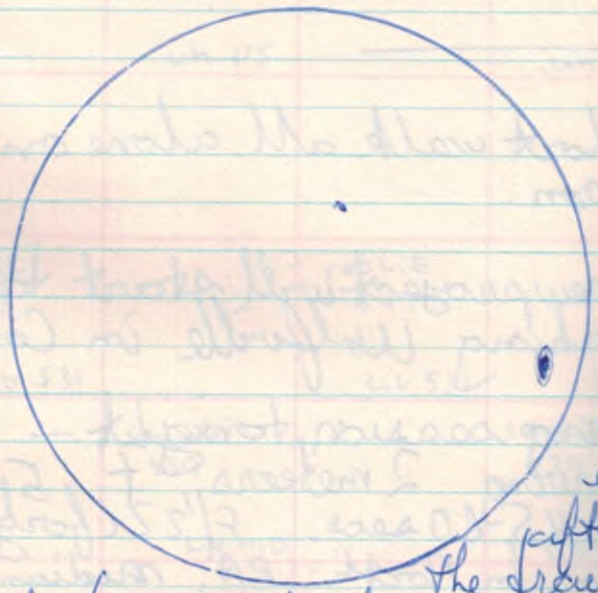
SEPT.

Saturday, Sept. 25.

I started my camera ~~on~~ program afternoon, and shot a full roll of f by the ridge. We shot ~~to~~ included two apples on a tree.

I have at last been accepted to the honours program here - something I wanted since 1966. The program - rather the degree - will not help me to much in getting into graduate scho (but maybe it will).

It was cold today but sunny - so cold that I had to wear long pa when I took my walk.



7 PM
3" d
view

Also
throug
the sun
It rose
elongate
after I fi
the drawing

it went down behind ~~a~~ a distant silhouetted pasture with some trees.

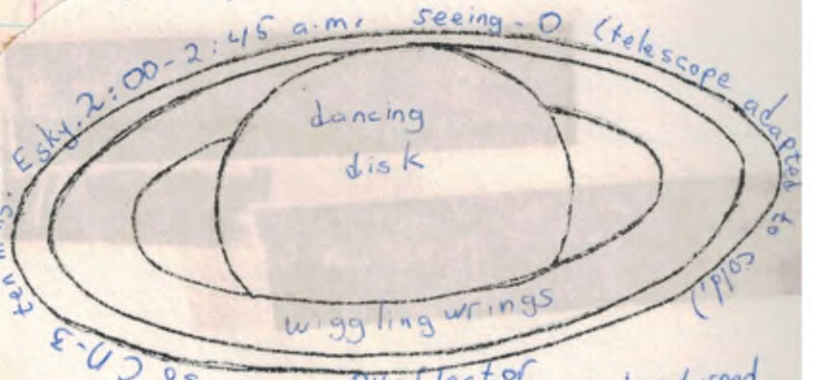
The evening begins; (so does f and I read some comic books. the start. R D Laing's "The Politic Experience.

observing session - last of 1971
full moon, haze then fog

seeing - 0 (telescope adapted to cold)

2:00-2:45 a.m.

ten mins. E sky.



also CN-3

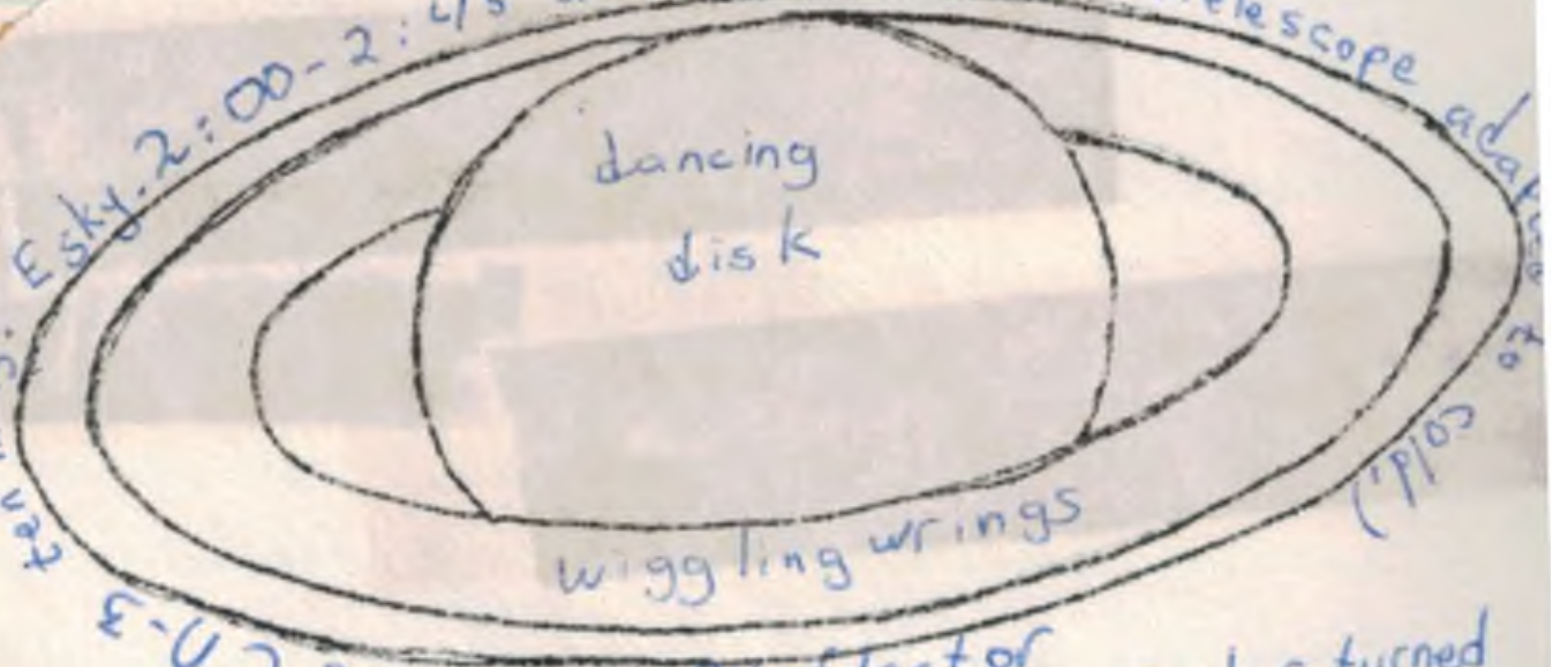
8" reflector
-exepiece Joel returned
is ok, also 8mm.

observing session - last of 1971
full moon, haze then fog

seeing - 0 (telescope adapted to cold)

2:00-2:45 a.m.

few mins. E sky.



Also CN-3

8" reflector
-eyepiece Joel returned
is ok, also 8mm.

Sunday, January 16

There was a residence council after lunch this morning. Some tore the speaker off the wall, made lots and called Bob Stegada a degenera Bob's case was so poorly put toge Council could not do much about i wanted him thrown out of Residen evidence we had was only suffice him a $10 fine.

I talked with Bud tonight o astronomy. I noticed later tha was clear so I set up my teles I enjoyed the session even th was extremely cold (5 below).

Session 7: Comet hunting Ursa Major + Leo + vicin 30 minutes. Then it clo over and my feet froze o went in.

3:15 - 4:30 am.

a couple of ob including

(one or 2) +

o

Session 7: Comet hunting
Ursa Major + Leo + vicin
30 minutes. Then it c
over and my feet froze
went in.

3:15 - 4:30 am.

a couple of
including

(one or 2)

Wednesday, January 12.

Girondins of the french revolution were influenced partly by the ideas of Rousseau: Brissot, Buzot, The Jacobin Club: Marat, Danton,

The Jacobin club was radical; the Girondins moderate.

Wordsworth's change from radicalism & conservatism originated ~~for~~ in France during these days.

a fantastic day today.

Climate table for h

January

December = February
November = March
October = April
September = May
August = June
July

Session 5 The Sun. afternoon. a few spots near the middle.

Session 6: 8:00-9:00. actually 7:45-9:00. 1 hour of comet hunting in the west.

The weather is really balmy and beautiful these days. I showed my slides tonight to Tony Trask.

I guess I don't need to do any more work for my little report for Dr Thompson tomorrow.

J, January 18.

I even went to Mr Thompson's Class today. Right after I met Bud and we walked out on the dyke to finish the black + white roll of pictures of me. It was a lovely crisp day and got warmer warmer. After these pictures I loaded the camera with color slide film and I took more shots before I noticed the mirror was out of place, thereby distorting the focus in the composing lens.

It was a lovely morning and we went to eat lunch at the "Swinging Axe" in the Sub. After I saw Mr Bishop who fixed the camera. (If every problem should be solved that easily.)

Then I talked with Dave Sheppard at the Yearbook office. He is editor of the Axe this year and I am joining his staff as a photographer. Then there was a meeting and Shep showed us the new darkrooms which I doubt I'll ever use. Then he said he'll come up to see my slides on tomorrow night at 7.

I ate dinner with Dave (Faith this time) who had thought I had killed myself or something because I was away all day.

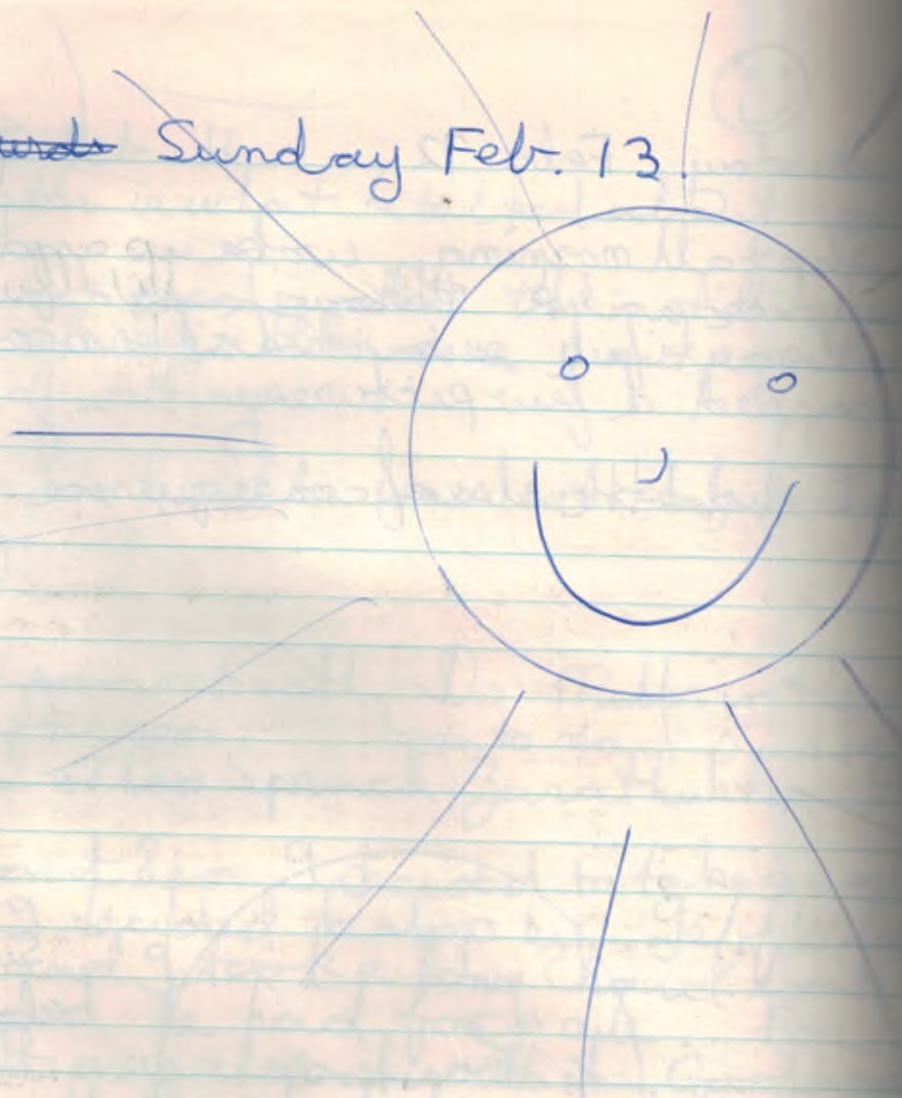
Then tonight I observed but Christ it was awfully windy. I had to hold the 'scope down.

Session 9: 7-8 Northern sky CN-3 15 min
Session 10: 11-12 sightseeing + a short Polaris photo, with Bud. a great day.

camera & telescope. Then I pl
a while and Bob Lamberton wake
10:30 to say he'd be up at 5 to s
eclipse with me. ~~Left~~
Slide show to Mike Williams.
Some clouds tonight but now
minutes before penumbral contact
clear outside. I could watch the
thing from here but it's probably
for 'scope & camera, to do it.

Session 12 The eclipse was really good.
a few clouds at during the penum
phase. I first noticed penumbra
about 4:30, ~~mos~~ The penumbra
was most noticeable to the unaided
bit less noticeable in the finder and le
with the telescope. The eclipse wa
quite dark when Robert Lamberton a
Keiler arrived about 4:45, and the
umbral stage began about 15 minu
Clouds came as totality neared, and
interrupted most of totality, just ~~as~~ like
~~This is a~~. I got 4 pictures, ~~on~~
which are ~~time~~ multiple exposu
the moon's stages in eclipse. The o
a detail through the telescope and
shows the observing site.
So we went in and warmed up
this time it was light out and to
went out on the dykes at Gran
North to watch birds - we saw ~~a~~ c
a raven & a sparrow. And so
~~we made~~ took some pictures of de
ice. And I ate breakfast
went to sleep.

~~Saturda~~ Sunday Feb. 13



It was an incredibly beautifull day Bud and I went out to the dyke (Port Williams) ~~and took pi~~ for the first time I visited the lighthouse. Allison Hooley was sunning herself there. Afterw Bud took a picture of her, after which she quietly asked him if he had ~~noticed~~ captured the dirty sign on the top of her, ~~pe~~ written on the wall.

Then Bud & I split and I proceeded to wrench my back ~~bat~~ further on, taking pictures of a fantastic ice formation that covered a stream going under the dyke.

Tonight I took shots of the campus ~~from~~ with camera & tripod. David's car ~~got~~ lights wandered into the plant, ~~a~~ which was multiple exposure of car lights.

Sunday Feb 27

It was a good day but still I did no essay work. I took a walk this afternoon taking pictures of the snow. I read Abbie Hoffman's Steal This Book tonight. Also looked at slides.

2nd day of break gone with no studying, but so far no cause for concern. See you tomorrow. Love

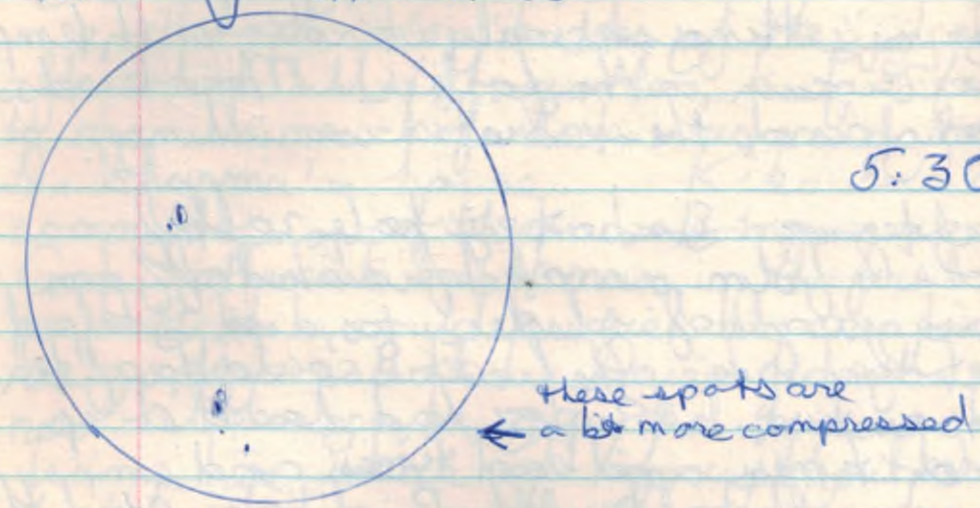
Sun about 5 p.m.

The days are getting noticeably longer, and fast!

And a short unaided eye session after supper + a superquick full moon + nose watching session on the roof just now, 3 am.

Wendell came down tonight for snacks. I think it will be a very pleasant break this week.

Monday March 20.



5:30 p.m.

Tonight's antic occurred at the residence council meeting. ~~Last~~ I don't know why Dave and I consistently make utter fools of ourselves. Anyway Mike Williams had asked me to tape the meeting, and the last 2 times I had done this he didn't use the tape for anything. So Dave suggested we set up everything and then play a tape at gradually increasing volume until it got obnoxious enough so that it . . .

Anyway, Dr Hansen did thank us for the background music.

Then Dave called up Jack downstairs on the phone & imitated in - is Sandy Hudson in de building - ~~on~~ and out of 250 people, Jack & Scott Cunningham recognized Dave's voice, "Is that Latham?" Jack answered.

Then we rapped until now, which is 3:50. I'm dead tired and I don't think I'll utilize this clear night.

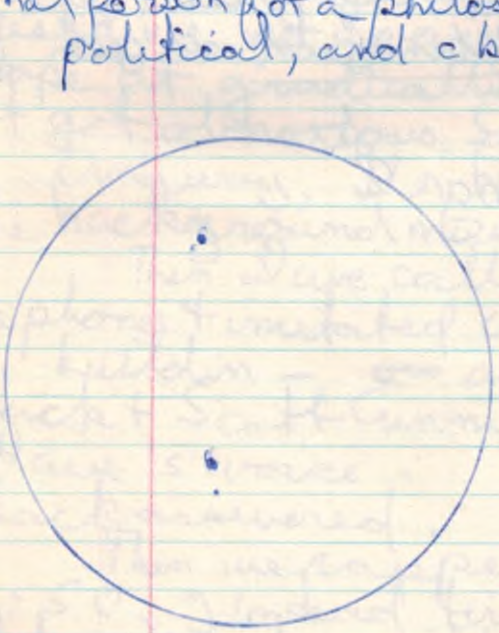
So I got dressed and did utilize this clear night. Now it's 4:20 and ~~15°~~ 13° and I had a twenty-minute unaided eye view from the roof sill. Jupiter is on its way up and it is right in

(Tuesday, March 21, 1972.)

Dr. Dairs talking about eighteenth century prose. All writing is a mixture of two kinds of prose, that called the "Ciceronian" and the "Senecan."

Never use a short word when a long word is available. The ~~Senecan style~~ Ciceronian style seemed to adapt that credo while the Senecan was shorter and pithier. Henry James' unreadable stuff is an example of Ciceronian style. It goes round in circles and is overly lofty.

No good prose lacks personality; ~~the best stands in~~. The nineteenth century neglected precision to produce an oratorical bowwow. A clever mind has gone into the prose of Mandeville but a mere plowed pen has gone into Shaftsbury. Hume is precise, "quite a normal person for a philosopher." Burke's style is political, and a bit perony like Shaftsbury's.

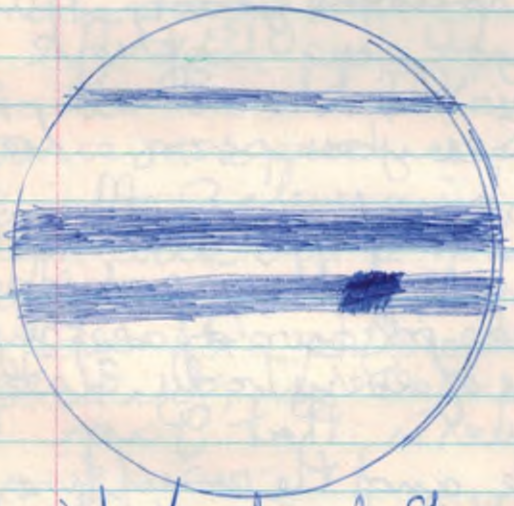


5:30 pm.
slight haze

Here it is, 3:20. I'm exhausted course I am going out to observe a short while. I cannot contin like this.

Or can I? So long as I sleep a night, which I'm hitting

At the moment, I hope to have e done by Sunday; this leaves me 2 we for the draft and one for the revision thesis. So let the pressure drop. E me are April 18-27 (Tue-Thurs.) I think



Jupiter
at
4:30-4:45 a
} - some other mar
unconfirmed.

What started a simple look at Jupiter session fun ~~with~~ as a 1hr and 25min. night the included a look at M-13 which was ful. I decided to bring the telesco to the area behind Eaton house where, in second year here (1969-70) I would co some short observing sessions. Us 6mm power detail as shown was b visible; seeing poor. The planet wa in the south. It is my first Jupi drawing of the season - I don't even have pencil and it was fun, even tho the eyepiece fogged over, but I thin better equipment, particularly amou I needed. So I'll probably wait till n before I do another drawing this time with Pe But tonight's session was fun.

rora
but
5-
se of

Sun
telescope
not working

Therefore no Sun
record
today

k from Mik.

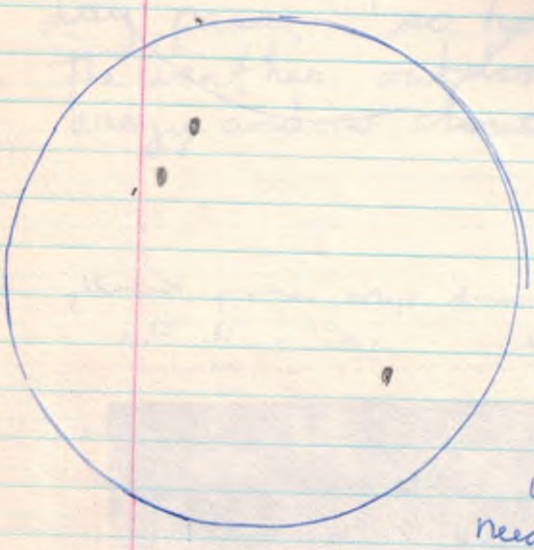
you, thankyou, thank you very kindly
seated. you too, you with the
nd the amerikan flag.
all, i'd like to welcome you all to the
is beautiful sunday afternoon. you
wondering why we called this meeting;
r of grave importance, ~~[illegible]~~ bearing meaningf
ncus, has come up. We won't tell you
t is, but our assistant on our right
the news in his hand. George

is flyer has just come in from Peking (?) The Sun ~~[illegible]~~
arisen to-morrow morning, for its
nse and umpteenth consecutive day.
(cheers)

nk you, George. Thee yo
the hors - from Geo
to be ~~[illegible]~~ international

I wrote to U of T since
practically obvious that I'll
going there. Right now the
between Queens + Sussex, with 2
far in the lead.

My thesis-rough draft
dangerously close to being



Second
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better
At lea
some spots
Used Echo
of Alberio.
instruments are
need of repairs.

David h.
Age 6½

Time ru

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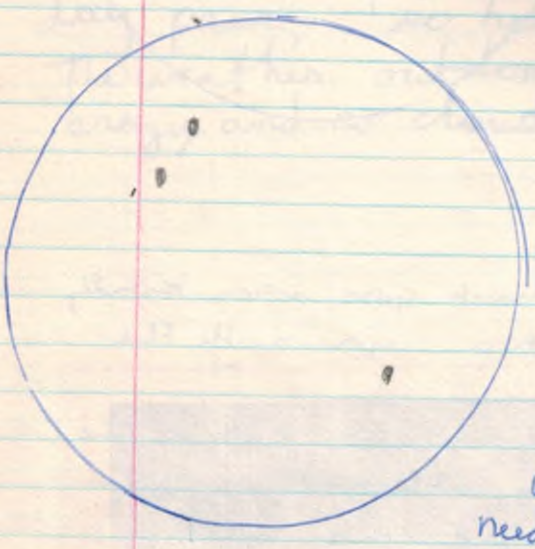


Second
only s/
better
at lea
some spots
Used Ech
of Alberio.
instruments are
need of repairs.

David h.
Age 6½

Time ru

Rain.

Now that I've developed my eclipse observation plan, I sort of hope, selfishly again, that the sky is clear both here and in Nova Scotia.

I'll miss watching the full eclipse.

Here is a summary of my plan:

EQUIPMENT: Camera with Ektacrome-X
$. ASA64 speed

$. Eclipse Eye Protector.
NOTE BOOK

WHAT HAPPENS: Watch partial eclipse

TAKE PICTURES of Sun shining on ground.

At 9:50, weather is dark and there is plenty of rain.

It is really a shame that this rain has a possibility of affecting adversely the Nova Scotia observations. All these fine days, then on eclipse day - rain.

The people there have more to lose, for their eclipse is total.

Rain.

What I miss most of all is the chance to ~~more~~ do some observing — Jupiter drawings and Comet Hunting. I look forward to resuming that hobby. I miss observing more than I miss photography. That is the way it should be, for Astronomy means a lot more to me, from the point of view of my emotions, than does picture-taking.

I love the sound of rain outside particularly when I'm inside. Yesterday I visited Grandpa. He is still very weak.

At last I am off Close Observation just in time to see the eclipse. And it is pouring rain.

Headache here just to visit. And my eyes may be able to see soon. My Largactil is being reduced at last.

Remember when in 1962-1963, I lived in Peshkin House?

4:30 Cloudy with occasional showers.
Eclipse nearing maximum.
I guess this ~~one~~ one is for me anyway, a lost cause. Since partial eclipse is not really that exciting anyway, I have nothing to mourn for.
No noticeable ~~st~~ light level change through the heavy clouds.

4:35 - checked sky. Brightness where Sun is (4:55) ~~for~~ Quickly it went outdoors with Camera, + eclipse shade and watched the five minutes of maximum eclipse. Took 7 pictures and viewed it very easily ~~from~~ with the exposed film. Then a cloud covered it the sun and ended my eclipse-watching for a while.

5:00 News announcement that astronomers were given a lucky break in the clouds. It was very, very exciting.

5:30 Pouring Rain again . . !

The luck of Ulysses.

Observing Session No. 1, From RVH.

Cool, Rain July 25.

I am guessing that tonights lunar eclipse is a wash-out. I am very tired anyway after sleeping the evening ~~aw~~ away.

These days are, or at least seem to be ~~emt~~ empty. Some happiness include in small doses.

Have a good night.

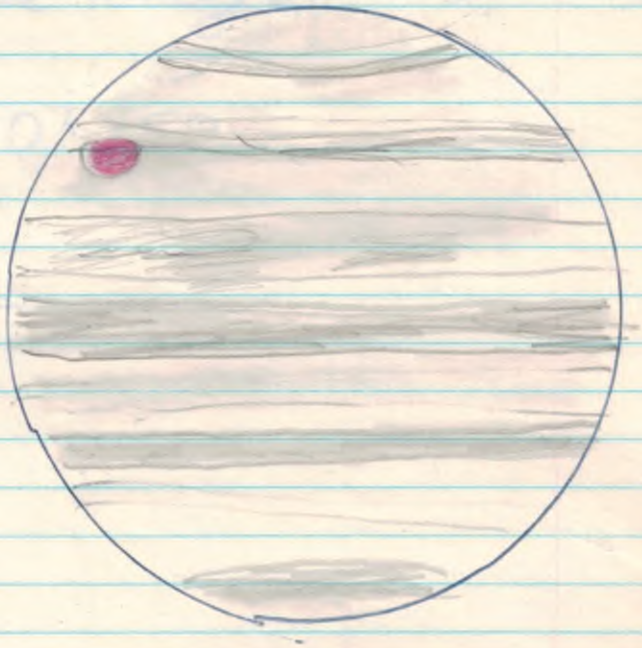
August

July 27 Thurs.

Grandpa is very much better today
- I saw him and ~~ton~~ talked with him

telescope mount got all wet.

10 PM



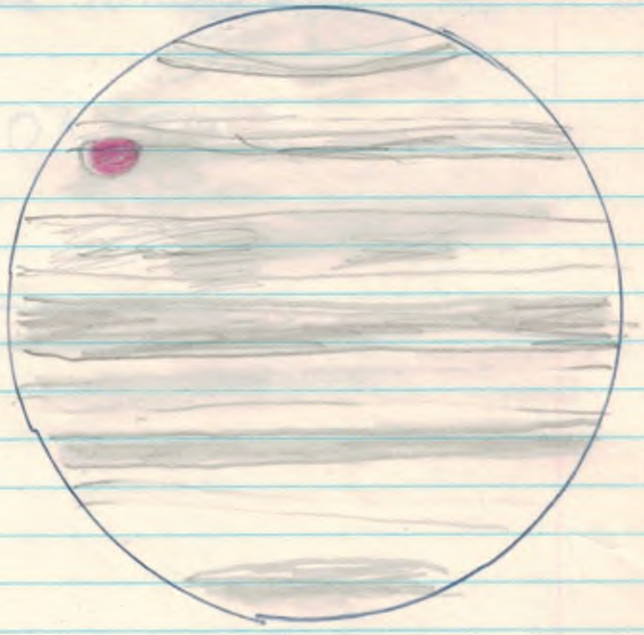
Observed for a short while. Partly cloudy.

July 27 Thurs.

Grandpa is very much better today
I saw him and ~~ton~~ talked with him

Telescope mount got all wet.

10 PM



Observed for a short while. Partly cloudy.

August 14 Monday

Picture of the Moon came out really well. A good symbol of unity of astronomy and photography. Two loyal friends coming together.

My talk with Dr Caplan was very intriguing. Also talked with Dad tonight. Everyone seems pleased with my state of recuperation.

Got to begin study for the exams.

Acadia sent me $15 today. Have no idea why.

12:50. Goodnight. Didn't sleep at all well last night.

Thursday, August 2

The Camp gro
are empty. Ca
Minnowbrook, i
over. And I'm so
better or worse, but pr
ably for better, mi
it all.

Observed tonight.
Drawing, plus view of
nearly full but waning moon.

I'm reading Rasselas.

Thursday, Oct. 19. Observations

- Mik is working at Ronprint Data Ltd. He is a phototype-setter operator.

- Once again its 12:50. Late, late

- Richard quit his job today.

- [Observed tonight.
  cn-3 $0^h 20^m$
  also looked at M-31
  and at the moon.

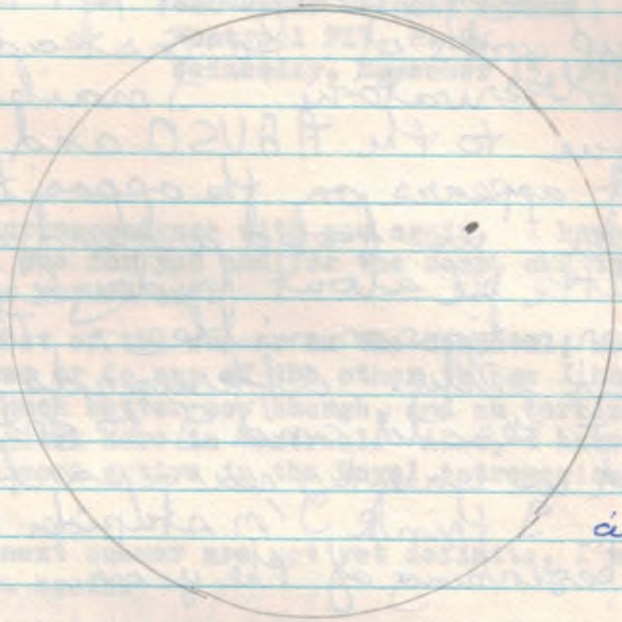
- I was very tired all day today. Can't think of anything more to say.

Goodnight.

Clear and cold all day. Temperature around the freezing mark.

Some clearing, then cloudy

Wednesday, November 15.
(5PM Thursday)



about 3 or 4

Here is the first sunspot reading I got in about six months. I used Echo in the driveway and I had some trouble with trees, but essentially everything went O.K.

Tonight, after coming home from the observatory I read parts of the first half of the 1972 Journal. The experience I went through in hospital was an utter horror! It was ~~terrib~~ terrible and I hope I never have to go through anything like that ever again. What I'm going through now is bad enough. But last spring was terrible.

Tonight I walked, before dinner, to Dr. Caplan. He said it would be a good idea to go slowly through graduate school and that working at camp might be good too. We talked of the importance of this diary (briefly) and more about my problems at graduate school.

We

2 PM

Thursday, November 16, 1972.

~~Go~~ After I got my sunspot reading, Constantine came over to show me a camera. We talked about his work at the Montreal & Toronto planetaria.

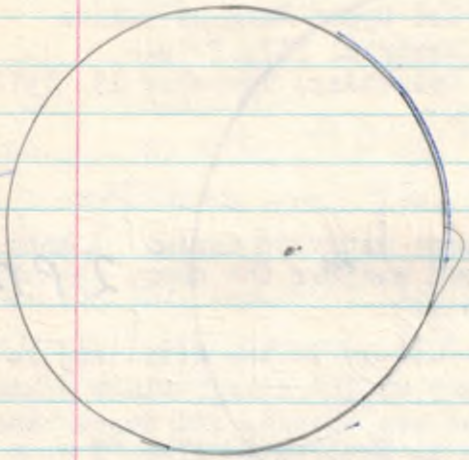
Tonight I went ~~to~~ eat with Aunt Buddy, who has had a sore foot, Uncle Sidney and Ruth Vineberg. Two others came over later. We had a nice talk - I told them a few things about the centre - and listened to Bach.

At home tonight, I ~~listened to~~ talked on the phone with Mom and Dad, then with Rona and then a long talk with Mik.

After that I comet hunted from the window and retired at 3:30 am.

[cn-3 30 min Little Ia. Leo region.

Friday November 17 1972



← Sometime this afternoon

The observation committee meeting tonight was very poorly run. We went over the list of programs but trimmed it by aurora + meteor sections ~~why~~ because he doesn't want the reports. Silly reason because those are fun sections. Si Brown may take over the meteor section later, if he can get someone to take over his lunar section. I facetiously suggested that I KW be asked to chair the meteor section.

~~After th~~ Later we voted unanimously to ~~buy~~ ~~buy~~ request the board of ~~directors~~ directors to buy an 8-inch celestron cassegrainian telescope. After this meeting I ate at Dankoff's with John Allcock and arrived ~~a~~ home ~~a~~ by taxi at 1:30.

There was a lot of talking-out of place talking - at the meeting and this forced a delay in proceedings. Also, John talked much too much - he didn't even give me a chance to talk about my own 2 sections, comet and nova search + comet observations. This didn't bother me much.

Saturday
~~Sunday~~, November 18, 1972.

I did not go to the observatory tonight. Instead, Mikael came over for dinner and then we talked.

The sky was clearish but the sun was behind trees so I couldn't get a reading today.

This afternoon I spoke on the phone for a very long time with Constantine. We talked about last night's observation committee meeting, to which he was not invited. The John is about as power hungry as Williamson was, and should be controlled. I told him of some of the things that went on at that meeting.

So at last I am back on the observation committee, for what it is worth.

Saturday, November 19.
Midnight!

about 2 PM. →

I thanked John Friday night for putting me back on the committee, he said there's many who'd never want me back on, or something like that.
I had a rather boring afternoon with Mikael at his house this afternoon.
Tonight I ate supper at Joyce's house and now I'm going to read through old Skywards. Old Journals (1968) earlier.
It's cloudy out now.
Nothing else to write at the moment...

2:30 am. sleepst. it's snowing!

May called this afternoon. Everybody's having a good time; Johnny got married last night - I sent him a telegram tonight. Goodnight.

Wednesday,
November 22.

2 PM,
- Echo.

4 spoke
2 groups

Clear, but cloudy now.

9:30 p.m.

The weather is really good (clear) for November these days.

I'm writing this, as I wrote yesterday's entry, in Victorian class. Although I'm only listening with "half an ear" I'm getting very little out of it. For now, it seems as though I have given up.

The professor just asked me to give a book report for next week. I told him I won't be able to. Just won't be able to. That's all. I'll speak to him later on in the week about my academic problems.

I spoke with Dr. Caplan again today, and we discussed the school situation again. He thinks I'm asking for too much advice. We talked also of my working at something for no salary. But where?

As to a trip, Tucson? Or, as Larry suggests, to Toronto. If I become a graduate school dropout, the first thing I'll do is take a trip somewhere.

December 1 Friday.

I called ~~to~~ New Orleans last night. Gerry and I visited Grandpa this afternoon.

I saw Dr Caplan today. Tonight I went to the observatory to help John with Skyward. Nora was there.

[5 minutes of CN-3 through hazy skies tonight.

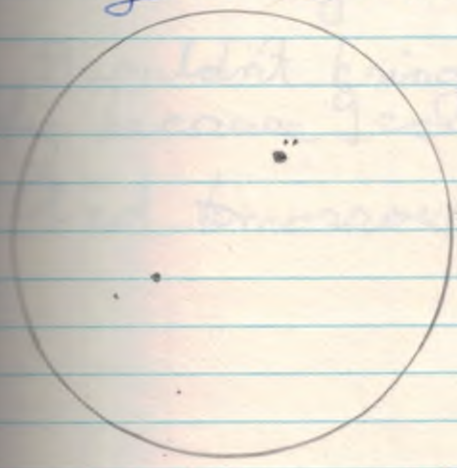
Thursday, Dec. 14, 1972.

I missed the monthly RASC meeting tonight because I made an appt. with Dr. Kaplan. We talked mostly about a letter I got from Eppstein (Lothar) this morning. I guess, but I have doubts, that I want to return to camp.

I thought today about the coming seventh anniversary of the start of CN 3. Now it is a time when I am re-evaluating the role of astronomy in my life + it is possible that the telescopic comet hunt will soon show a resurgence of activity.

At 5:53 today the two men left the moon. I photographed the launch on TV.

[I did 1 hour and 5 minutes of comet hunting tonight. First "really good" session in quite a while.



Sunday, December 11, 1972.

The seventh anniversary of the start of the telescopic comet hunt. This afternoon I figured out the total to be 488h 55m.

To celebrate, Mik + I went to eat at Pumpernik's, where he pointed out that I've done only 8½ hours in the past almost four years.

No wonder a comet has been so long in coming!

But an announcement of a change last night. I learned that although the Centre's 12½-inch F/5 reflector needs resilvering and a new diagonal, it is very usuable in its present condition. So the next clear night I'm up there I plan to set it up outside to see if it will do for comet hunting. I've rather looked forward to it but if it works it could be the start of a new era of comet hunting.

We may see as early as Wednesday when I next go up. Then I will possibly receive a set of keys and will be able to use the 12-inch any time.

Also, the 8-inch celestron has arrived. Very cute + stubby.

Wed. Dec. 20.

Saw Dr. Caplan. Went to the Observatory (dad drove me) where I finally got my keys.

It cleared for a while and it grew very cold & windy, but before I had a chance to test the 12½", it clouded over again. I did get a very hazy view of the moon with it, though.

Thurs. Dec. 28.

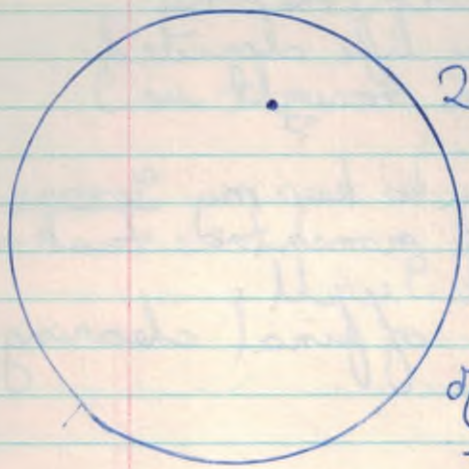
Saw Grandpa, he was half awake, said he was feeling not bad. Then we saw Milton and Evelyn Oser, both of whom are ill at the Ross. Then I read the paper. Tonight I babysat at Joyce & Larry's, talked with Mik on the phone. Goodnight. Finally, the journal is up to date. Let's keep it that way.

Lester Pearson died last ~~night~~ night.

Spoke with Robert Ballantyne on the phone. He agrees with my sentiments about the group, the RASC being too pushy towards doing professional work. "Better to sweep floors at an observatory."

[CN-3 - 5 minutes tonight.
(I think it was tonight.)

Tuesday Jan. 2. Clear.



It cleared today, so I set up Echo to get a sunspot reading and also ~~to~~ went down to Snowdon to get some clothes from Morrie Hefets. They don't sell my type of underwear anymore.

2 PM)

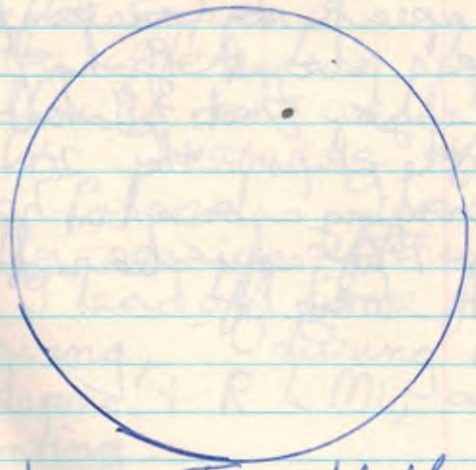
Tonight, with clear skies I decided to go to the observatory to test the 12½-inch and got in 5 mins. of comet hunting before a cloud moved in. By this time my privacy was broken by John followed by Nora, followed later by Li, Steven Smolart, their girlfriends and I waited. Then clearing again and more time on the 12-inch. Right now it isn't much better than the 8-inch for comet hunting but it's o.k. Very heavy, too, but I managed to set it up all by myself. I then looked at Saturn with the 8-inch ~~-ter~~ Celestron - terrible view - badly needs aligning. Then I went home to fulfill my promise to Pegasus ~~filled her~~ - set her up and did some CN-3. Then I used little Joe for a short while. Total hunt - 90 minutes.

I've decided to return the details of CN-3 to its own folder.

Goodnight.

Wednesday Jan 3.

entries
done
Monday.



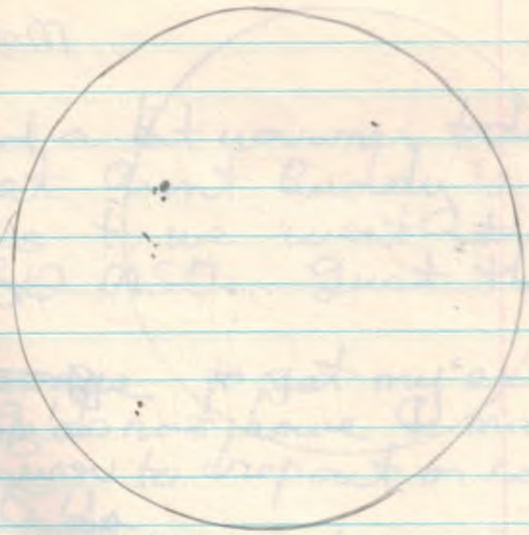
Saw Dr Caplan today. Tonight the sky began to cloud as I went to the observatory but not before I did some comet hunting for with the six-inch.

Jon Allcock has declared that we're going, as a group, to emphasize planetary work.

Saturday Jan 6

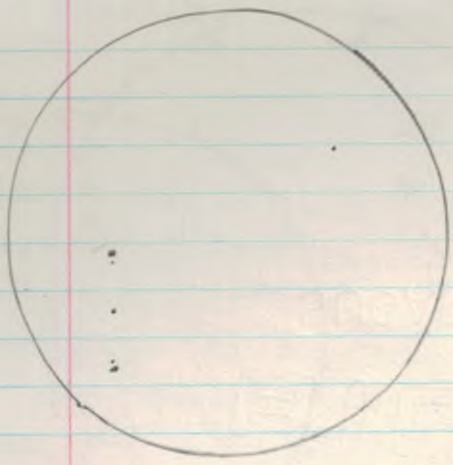
More clear sky but very very cold + windy. 1 hr of cn-3 with the 8-inch then at the observatory another 8 minutes with the 8-inch celestron there, then some more here with the six-inch.

Sunday Jan 7



For my reading today I let Echo adjust to the cold & wind outside first, so I had a later reading.

Another hour tonight of cn-3, with surprisingly good star images through the window (open). 495h now. Hunted from 1240 to 0140, then read a bit of "The Glass Giant of Palomar."



Monday Jan 8.

Entries written
Sun Jan. 21.

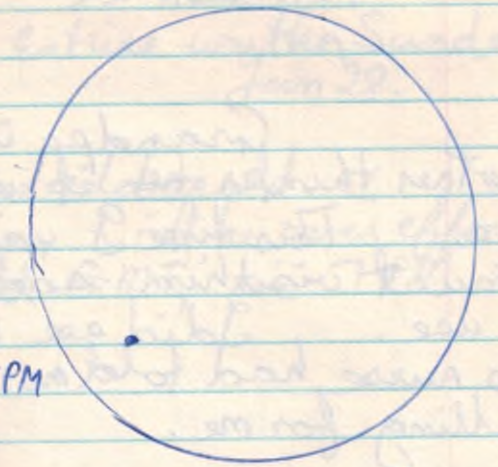
Not much. Got a good Sunspot reading, as you see. It was very cold & clear tonight, so I did 2 hours of comet hunting with the 6-inch. Total now 497h.

Thursday, Jan. 11.

Too bad, but not much. Lately I've been reading The Glass Giant of Palomar by David Woodbury. Comet hunted for an hour tonight. Total: 498h.

Monday, Jan. 15.

Not much. I have an appt. with Prof. Foster tomorrow at 2! Clear, v.s. tonight and 5 min. of cn-3. (too much haze + moonlight.)



2:15 PM

Forgot to include a few words of thanks to Foster in my letter to him.

It was clear, so I did a little observing tonight, observing Chi Cygni at a brilliant [illegible]. The last time I saw it, it was 12.8. Mikael and I had an extremely pleasant night at Howard Johnson's to celebrate achieving the five hundredth hour of hunting.

The stars shone serenely as I walked the bus stop to home. I called Dr Fink to [illegible] a report from the secretary that I [illegible] have to do the critique to get a grade in [illegible]. This was confirmed, and I, as of [illegible] no longer a student of English. [illegible] alone.

March 5 1250

two faint spots

Friday, March 7
4:35 a.m. S

I have been in New Orleans, La. since Lab
and so far it has been a quiet, relax
I had decided that the Journal would
break until I thought it was ready
more deserving way. Of a sudden,
impulse, I think that time has come.

I have spent the last hour and a half or so
examining the southern sky. Fro
front door of Grandma + Grandpa's ho
see most of the southern sky, to with
degrees of the southern horizon. I wa
few blocks to the Lake Ponchartrai
get a bit more southern sky but
was negligible. Also, from several
way, after I had been there for 5 m
the lights of two police cars began
probably not concerning me, b
to split anyway.
(Grandma's front porch)

From this site I could see ε Centauri
which at lat. −53°, was the
most star. The horizon was 2 or 3°
α + β Centauri, and Crux, are jus
from New Orleans. ε Epsilon Cen
the meridian at the time of observat
I do not believe Crux could be seen
here. But I did see the follo
for the first time:

1. The constellation Centaurus.
2. The star cluster Omega Cent
with binoculars.

March.

Fairly cool Friday, March #16
4:35 a.m. Sat.

I have been in New Orleans, La. since last Saturday, and so far it has been a quiet, relaxing trip. I had decided that the Journal would take a break until I thought it was ready to go in a more deserving way. Of a sudden, on an impulse, I think that time has come.

I have spent the last hour and a half or possibly longer examining the southern sky. From the front door of Grandma + Grandpa's house I can see most of the southern sky, to within a few degrees of the southern horizon. I walked back a few blocks to the Lake Ponchartrain levee to get a bit more southern sky but the effect was negligible. Also, from several hundred yards away, after I had been there for 5 windy minutes, the lights of two police cars began blinking, probably not concerning me, but I decided to split anyway.
(Grandma's front "porch")

From this site I could see ε Centauri (Epsilon) which ~~is~~ at lat. −53°, ~~is~~ was the southernmost star. The horizon was 2 or 3° further south, so α + β Centauri, and Crux, are just invisible from New Orleans. ~~#~~ Epsilon Centauri was just past the meridian at the time of observation, in any case I do not believe Crux could be seen at any time from here. But I did see the following landmarks for the first time:

1. The constellation Centaurus.
2. The star cluster Omega Centauri, faintly with binoculars.

3. The constellation Lupus.
4. The constellation Norma.
5. The constellation Ara.

All as marked in Norton's Atlas.

The session started about 3 am (2:45 a.m) when I looked outside of the window and observed what I later identified to be new friends, θ, η Centauri and α Lupi. I realized that I was to see some S. stars, now must be the time.

It was a very successful session; my southern star wanderings were fruitful.

The day was quiet. Mom and Dad & I crossed the Mississippi River Bridge; then we picked up Grandpa and saw the some downtown sights. Tonight there was a family get together at Aunt Beaulah's.

More of this trip's earlier days later; it's a fairly enjoyable trip so far.

It should be noted at once that Joyce is expecting her third child, in October.

And now, it is 5 a.m. and I have not gone to sleep yet. Goodnight.

Saturday, Marc

Clear, cool (65-70°)

A very interesting day. This afternoon I went with Mom, Dad and Grandma to a Plantation, then we went to City Park. Bo these sites offered beautiful oak trees for picture-taking. Tonight, we ate at oyste (and steak) at Antoine's and then we walked along Bourbon Street ~~and wat~~ which was filled with people watching bands play and girls dance. A particul sexist display was a live girl swinging se that every two seconds one could see her legs out nothing else the window. Anything for a The ~~tone~~ dancers are more conservativel dressed this time from 7 or 6 years ago, whe I was here last.

Observing sessions tonight, early tom I saw α Carinae (Canopus). Later, I picked up Corvus and Crater, Vela gr Antila. And by walking out to the levee I was able to see dimly α Cruc peeking its light above the southern horizo at −57° dec., this star is the southern most I have ever seen.

This brings the stay at New Orleans an end. Tomorrow I go back to Myrt leaving for 3 months a reasonably heal and happy Grama and Grampa.

I guess the trip to Ottawa is off. I just don't think it would be fun. I don't even want to go.

May 20.

Very pleasant afternoon
Clear, cloudy at night

planning in the future, to read diary would show activity. It is so self-and repetitive — the early years. I had it, fresh, freshly, thanks to Walter.

Also today, I gave away the tube I had planned to use for my off-coast solar telescope. The thing is, I don't really need a solar telescope, it might be fun to put one together, but I didn't intend to use that. I'm kind of glad I no longer have it over it.

I tried a double exposure trick talking to himself. I hope it comes out. You see, multiple exposures are great on most camera, but most "better" don't offer that feature. I ate some of Dr. Levi's brother. It was drink. I would rather have been. And the "stolen" things from the had only been misplaced - Leslie Levi, to be in an unsafe place, moved them expected to tell anyone about them. Night, diary.

May 22. Rain, Cloud, Sun

I wonder if it is appropriate
to keep a diary of the sun.
I think it is, otherwise I would
not be doing it.
The sun did come out later this
afternoon, and it found me in Snow-
ville buying post cards and

a very quiet birthday. I read newspapers,
television, took a little walk; everything
I do is construed as doing something for
the sake of doing something, just to fill
waking hours of a short day. I will
finally, I suppose, crawl into bed and think
of Mary, ~~which~~ a pastime which, under better
times, ~~to~~ can be quite an interesting act.

Somehow, I don't want to include the following,
since it did intrude into my plastic life, I really
don't. Gerry and Joyce are having a "dis-
cussion" over little things related to their (G.)
over I's apartment. Tonight Gerry had
an argument with Mom and Dad over it,
and left everyone upset. Nobody wins
of course, once this fact is realized, things
calm down. I can't take sides, really, I don't
know. From my own selfish point of view, I
know long before I am accused of starting it.
I know that I had nothing to do with it
so many other things ~~are~~ find their roots
maybe... oh shit. This is just plain
I should use my energy to help others, not
myself. What energy?

Thursday, May 24 Sunny.

2PM. That argument I wrote about two days ago was settled yesterday, and ~~ex~~ things are going better. Gerry is very uptight these days, however, and if this continues I may have to move out for awhile. That's all there is to it.

I wrote two regret notices, this afternoon, almost in the manner I would tear up invitations to parties when I was a little kid. There was a time when I really enjoyed parties, mostly at Acadia in my 2nd year. Now I dread them. I've decided I probably won't go to any of the pre-wedding parties, and instead save all my energy for the main event.

4 PM

3Pa.m. Tomorrow I hope to awake early 9 a.m. to watch the launching of the first Skylab visitors and repair crew. They have to put up an umbrella to help cool the heat inside the "space station" and they will also try to extend some of the power cells. It should be exciting, almost as much so as ~~t~~ Senator Ervin's Watergate hearings.

At the hearing at Dr Caplan's today we reviewed the four year history at Acadia that preceded my hospitalization at the Wolfville hospital. ~~There w rep~~ Their report was interesting in that it mentioned the fact that I was a loner & had difficulty mixing with friends. (It must have said more than that!)

Tonight I spent some time going through the attic looking for 2 old Diaries - no luck, just a bit of asthma.

SUNDAY JUNE 3.

No sunspots visible today.
of Friday, May 25 - a conclusion that this journal
too little time talking about
Tonight I found one of the
entries where this is disc
- it's ~~in No~~ on November
1968.

A lot of my time today was
spent outdoors reading. It
a fairly peaceful afternoon, ~~aft~~ followed by
good steak dinner. Joyce and Larry
got ~~w~~ me into a mood of relief, ~~that~~ knowing
I am not the only one with ideas that
does not have to do anything, and that
first responsibility is to oneself, even if this
may appear selfish or unfair. I try to
this feeling, but there is no doubt it has
validity.

Had a very short observing session
tonight.

My 1968 diary was a tale of setbacks
after setback, of problems with Dad
with a nightmare about McGill
summer that year was very faithfully
ed, almost minute-by-minute in the
and that experience helped alleviate
very ~~to~~ bitter feelings about ~~that~~ the
previous winter and spring. The McG
ended and the Acadia one began
suddenly, and residence problems
assume their important positions
life at the end of that year. Alt
it was not a particularly happy

Monday, June 25.

Joe Howard and his wife leaves tomor
I remember the last time he left (and so does he)
from Camp Skyerest, after a rough and
tiring summer. He no longer works at camp,
and for now at least, neither do I.

So yesterday was the only chance I had
meet him. And we did have a talk; he is loo
ing forward to his retirement now; ~~doing~~ maki
the most in an unhappy school situation. I
goes on, ~~so~~ complete with changes - he now owns
Hasselblad camera, which must have at least
excited him as my Yashica excited me when I fi
got it six years ago. I must keep in close
touch with him. Farewell, dear friend, h
to see you very soon - possibly later this ye

Tonight's observing session may have
an overnighter, ~~but~~ my mood at the start f
ored one, but the telescope has developed a
leak - either that or there are now too many
lights outside. The problem somehow
solved, so after about an hour out
it a night, with reluctance. Also
stand inside (more than taking it out
than my fatigued body could
looks like a binocular sum

Dr C. and I talked abo
things of obvious things.

Sunday, July 1. Hazy, warm

Life at this place is so far quite simple. My
[illegible] still awaits a good night for viewing. Rig
[illegible] it is quite cloudy. The ~~for~~ last night it
[illegible] up later - at least to a hazy sky - and
[illegible] to await a better night, and an earlier ho
[illegible] I was too particular.

Today's highlight was an hour-long speed-
[illegible] trip with mom and dad, and I must add t
I think this was the first boat excursion with the
[illegible] we stopped going to the yacht club.

The cabins here are arranged in two ~~nonpall~~
[illegible] lines, so that each cabin has a view
[illegible] of the lake. Last night we sat on the porc
[illegible] the lake; tonight we went right dow
[illegible] the beach and watched the lake from there. It's a
[illegible] very long lake.

I spend part of my time today - reading the
[illegible] of 1964 - that diary, plus '65 and '66 - descr
[illegible] my almost compulsive habit of studying.
[illegible] so many hours of studying tonight...
[illegible] it was a phase in my life, just like
[illegible] school, college and marriage.

Marriage? (Probably never.)

A strong but short-lived wind I just heard
[illegible] with possibly some rain too. I
[illegible] think I'll bother going outside to see if
[illegible] accompanied the wind.

With no lights out there the night is quite
[illegible]. Also no moon. The first clear night pro-
[illegible] to be a very interesting one. I wou
[illegible] to show mom and dad the Hercules
[illegible] cluster.

P.S. I wonder if there is at this place a
[illegible] rate for fat people. ~~Some~~ At
[illegible] the beach I kind of felt left out and
[illegible] ~~corpulence~~ corpulence.

away from some of my troubles, at least.

P.S. I have just completed (at 12:45 a.m.) a forty-five minute peaceful observing session with the 6-inch; very pleasant, but extremely hazy sky (to 3.5 or 4.5).

Sunday, July 8.

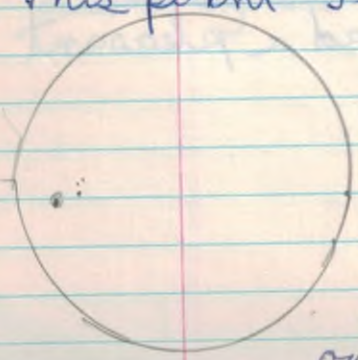
I want to clarify yesterday's words about phast observing sessions. First, they are not designed to ~~pur~~ persuade myself or others that I am still interested in observing.

Second, it is true that five years ago such a plan would hardly have been necessary. But my emotions are now playing havoc with my desire to gaze at the night sky. My hobby is not dead, but it has not been at all well. This new arrangement is designed to put some life in the hobby. The hobby is not dying either, but a little vitamin pill is needed to keep it going, even if this entails a very slow pace of activity for a while.

In addition, third, I hope to continue solar observations at their current informal level.

The whole idea is merely designed as a little push to help my beloved hobby over some of its rough times.

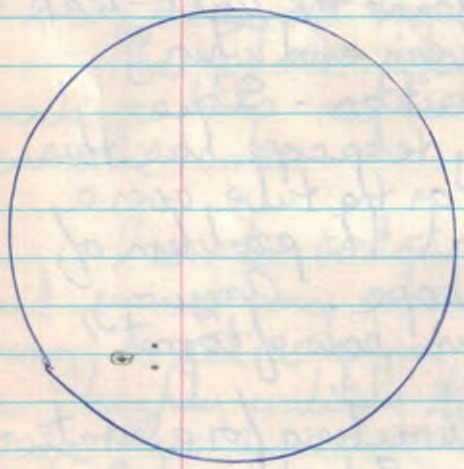
I wrote today a letter to Roy Bishop. In it I said something about the idea that since we're going to get a super treat next winter, then it would be highly unlikely that a second big comet would arrive this year. But a glace backwards shows that 2 big comets in one year are ~~not~~ possible. In 1910, a big daylight comet announced its appearance just before Halley's comet was to arrive. In 1957 came two bright comets, Arend-Roland and Mrkos. So it's possible, but not likely, and at this point I should quit dreaming.



4 spots in one group today. I wasn't out much today - it was very humid and hot. Read Saturday's papers. The sky was extremely hazy - down to 2nd magnitude or worse - so I did no real observing. I did mail all my outstanding* reports to AAVSO. (*meaning late)

to the others there. So I thought about it, and I think now he is perfectly right - and perhaps I can use my writing talents to write an periodic column for the "Star" or something. Dr Caplan encourages this, and one of these days I'll write a sample column and send it in. It probably will not be accepted, but I'll try to accept that too.

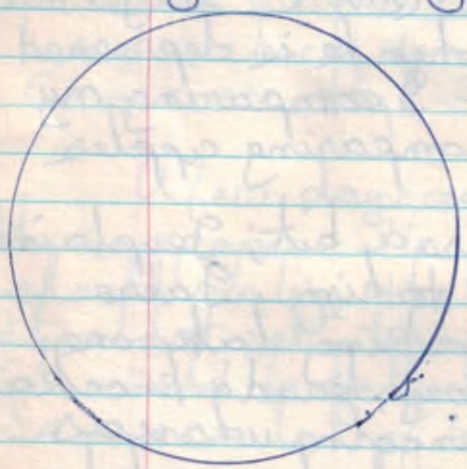
Mik had a lapse of interest in the music - he "filled the void" by buying lots of new records. Even a hobby as close to him as his music, and as close to me as my astronomy, could use a stimulant on occasion.



JULY 14.

I have arranged the fourteen stars that comprise the new list, along with 4 more that be observed more frequently. There are more than ten, but in winter the number drops to six or seven. Next clear night ~~wet~~ they make their debut as a group. I am also introducing what I hope will be a simpler recording system. Mik came for supper ~~tonight~~ and we chatted for a part of the evening.

I am having doubts as to whether this program is going to work. But we will give it a try anyway. No spots today.



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Some Sun

5, 1973

thy found in Time Magazine a more
the words of Lowell Weicker at th
Watergate hearing: (cf. June 28, 1973)
comment" "I think I express the fe
other Republican Senators, that I work
Republicans do not cover up, do not threaten
illegal acts and "God knows, Republic
their fellow Americans as enemies to
but rather as "human beings to be
For a few brief seconds, the room was
silent. Then the gallery broke into t
and longest applause of the ~~proce~~ p
drowning out the ~~applause~~ so
pounding."

the Watergate hearings "drag" on, the
seem to be getting more interesti
of humor and quite a bit of pa
the structure ~~of a co~~ that a commit
not commands, it still finds ~~t~~ r
human factor.

July 16 Monday

No spots. Clear

I recall a talk I had with Grandpa Willie some time long before his illness. He said he was satisfied with his life and wouldn't change it if he did it again.

I went back to my old way of recording the variable stars (cf. July 14.) The other way won't work, because it hinged in my obtaining total readings on only a few nights, and apparently that is not the way things are going now.

I went out tonight for almost an hour & succeeded in only reading - AR Cephei, which took up about half the session. It was a good "non-nervous" session, though.

Beautiful Mikael. When I read him the letter I wrote the other day, he said it was great & made him feel like getting interested in astronomy. He tells me when he likes & when he dislikes anything I ask him to read (that I wrote).

At Dr Caplans we ~~discuss~~ discussed the letter I wrote yesterday to Lothar. Perhaps I have included my wish to help out there for a weekend or so. I didn't, probably because I fear that he'd say no. I can't avoid painful time, Dr C. suggested.

Tuesday, July 17. Clear, very warm

I am ~~co~~ cautiously optimistic about my latest attempts at Variable Star Observing (which needn't be capitalized; & just ~~capitalized on~~ cap-italized on). Tonight I had the third session in the current cycle and, just like last night, enjoyed it. I was able to obtain two estimates - V Bootis and S U Mi. Neither posed any real problem, and the evening was fun. I did no comet hunting, and was out for about an hour. Who knows now but this try might work. If it does, I will have access to a more varied and lively observing program.

Mik and I visited Paul at his little apartment tonight. This afternoon, I bought some astron-omy accessories (flashlight, bolts + nuts ~~to~~ for the 6-inche's tripod mounting.) No sunspots.

Two cartoons today:

1). Peanuts:

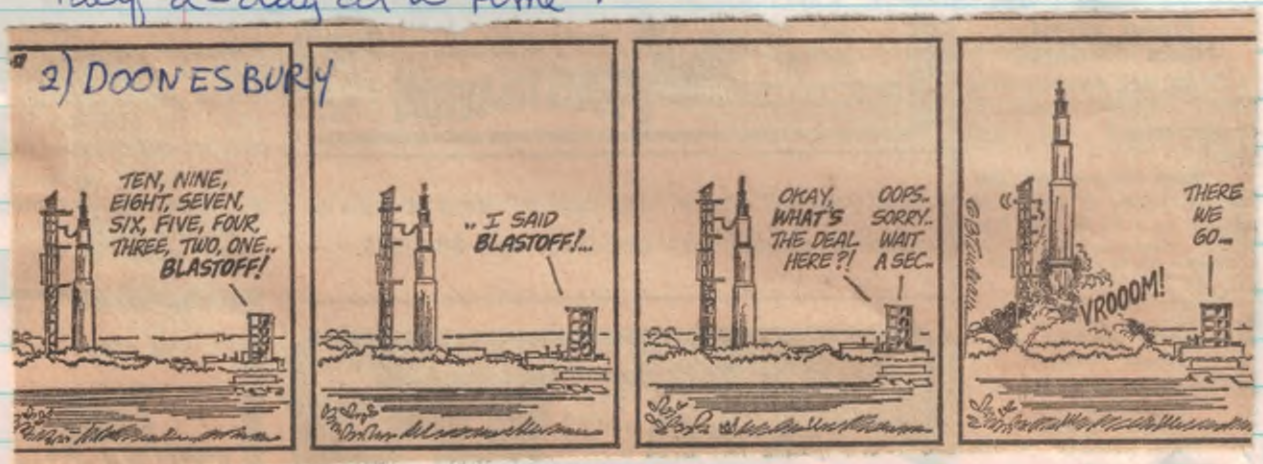
Charlie Brown: I used to try to take each days as it came

- You know live one day at a time

- My philosophy has changed

- I'm down to ~~half-a-day~~ half-a-day at a time!

2) DOONESBURY



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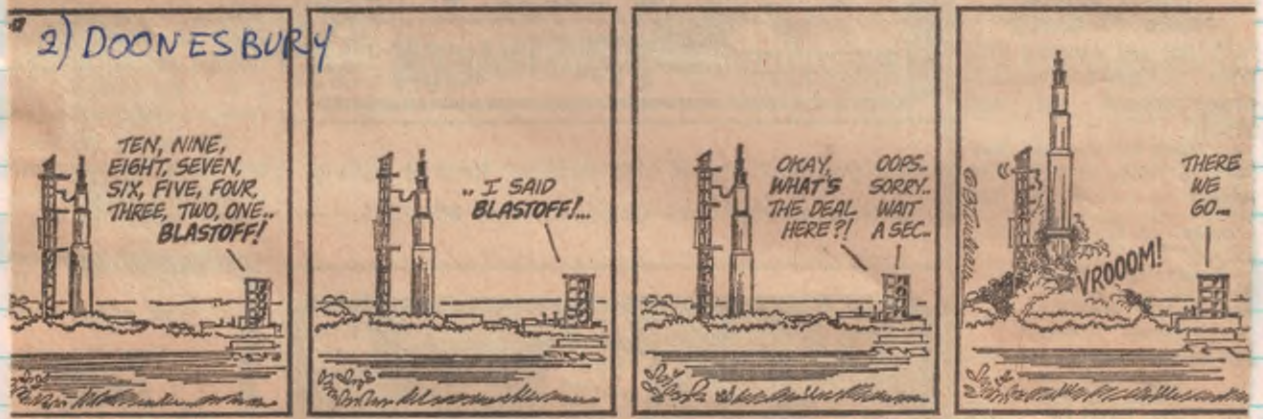


Saturday, July 21. Clea

I was out observing for about an hour a half tonight, and succeeded in getting 2 star estimates. If it is clear tomorrow I u try also to do some comet hunting as well. U were quite slow tonight.

Mik came over this afternoon; we sa sat outside for a while.

It's quite late now - already 1:30 ate w. G & A at Ruby Foo's tonight. A my good, dearest diary, is that. Good

P.S. I attempted a third variable, V U Ma but comparison stars were too ha get, and it was hard to find the st varia I have tentatively taken it off my list

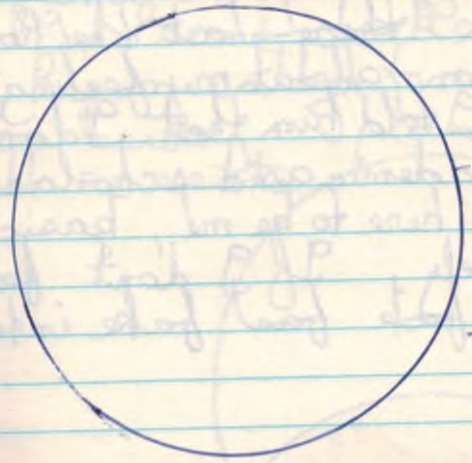
P.P.S. New talk of raising fees for the Mont Centre. I will vote against any such because I feel that much money is being wa on a too-big Skyward and other printing, not enough effort is being made to reach membership in elementary astronomy. Fifte Dollars a year is enough, besides, for am society. No spots today.

Sunday, July 22. Very nice.

I finally opened my bicycle riding season by filling the tires with air and riding around and around Summit Circle. It's a good place to ride, especially since I might tire and when that happens, there is all down hill. In my other rides I used to think, some was always ~~downhill~~ uphill - the toughest part of those rides was the end part.

And tonight I passed an enjoyable 2½ hours in a session with the 8-inch that ~~lasted~~ included an estimate of T Cephei and an hour of comet hunting, and sightseeing. I'm glad I was able to comet hunt tonight, but just two fields of view from the last field I checked, lurked a ninth undiscovered comet that will brighten to 5 in a few weeks. (& Now I want to go out - just in case!).

I sat outside for a while ~~on~~ this afternoon and made and got this view of the sun:



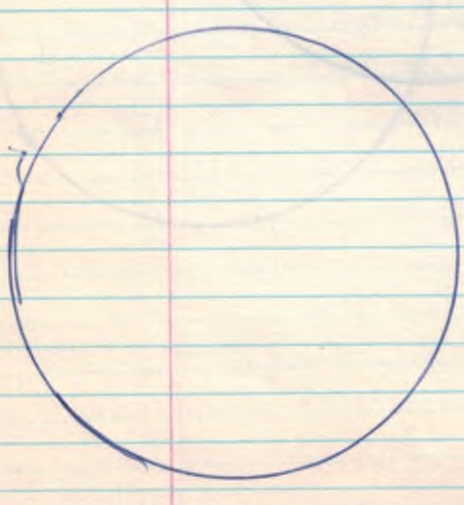
Monday, July 23. Cle

Another incredible day for a very quiet sun. Still no sunspots. It was quiet for me too; I went to Dr. Caplan, and ate dinner wi Mom, Dad, Gerry, Audrey, Ruth Lindberg & her son Bruce, who's been doing a lot of travelling They all want me to "share" my photograph & with the public by entering them in a cont

Tonight's observing session lasted abou hours - it included some variable star estim including a new one - W Cygni. Also I lo the "twin" stars of α Capricorni. I've never done much about Capricornus because it's easily usually stay hidden behind some trees in the south. I also did an hour of comet hunting - all this w. binoculars and the 6-

And now for some relaxation & sleep. G night.

P.S. At Dr. Caplan's we talked about asthma, & I told him the story of my hospi zation there at the Royal Vic in 1961. I went on about my feeling of being a nobody Also, I told him that I don't care if I don't ac too academic and scholarly at these sessions I am here to be me, basic - a bc me. He conc absolutely. If I don't feel intelligent, why fr some fake intellect on him?



~~Tuesday~~

~~Thursday~~, July 24. Hazy

I have very little to write about today, so this entry will be brief. I watched the Watergate proceedings all afternoon. Sen. Ervin announced that he was putting a 20-minute limit per senator and said that Vice-Chairman Baker must tell him when his time was up. Then followed some very tough, and at times tedious, questioning from Ervin to witness John Ehrlichman ~~(?)~~ ~~(sp?)~~. After this trying period was over, Senator Baker said he "didn't have the nerve to stop Ervin." I found it interesting, but more than a bit boring at times. Meanwhile, both the committee and Watergate Prosecutor Cox have subpoenaed (?) some of the President's files and recorded tapes.

Tonight, the haze made me decide to star gaze only with the binoculars. I stayed out for a very successful 35 minutes, just looking at stars. I found W Cygni (cf. yesterday) with no trouble. I'm glad I chose that star ~~from~~ for my program.

Tomorrow Dad and I do some work on Grandpa's Estate. Si Brown called to ask me to go on a meteor watch on Friday - I plan to go. Incredible, but still no spots.

FRIDAY, JULY 27.
Very hot + humid, hazy + partly cloudy at night.

I just thought of an idea that might be (or might not be) the reason the out-of-focus rings are unsatisfactory in my telescopes. I should let them fully acclimatize before testing.

I participated in tonight's meteor watch and saw one questionable meteor, in averted vision. The sky was bad and Si said that the watch would be cut at midnight. But later he changed his mind, saying that anyone who wished so could leave at midnight. I watched my hour, and then decided that the only ~~va~~ value in staying would be purely social, so I left, after Si assured me that the "lightness of the shower" did not require everybody's presence. I'm glad I was there. I was put with Don Alexander + Geoffrey Kennedy on South and watched as Don pointed (to ~~Ge~~ Geoffrey) the Great Square of Pegasus - in the low southern sky. And I don't think he was kidding either. (At the time, that asterism was too low - in the northeast - to be seen.) I'm glad I went tonight, and I'm also glad I didn't stay the night.

2 little ones

Today Dr Caplan and I went into the act of my drop from Dean's List back in the summer of 1971 to a capital nightmare, followed by the SGW experience. All resolution just left!

And tonight, a proposal for an examination of why I pursue astronomy? For sc-ientific value, for fame (comet) - or simply a hobby which I have grown to love and enjoy for its own sake, + for the pleasure + occasional nonpleasure it gives me?

Sunday July 29.
Cumulus clouds, mainly sunny, clear w. slight haze at night

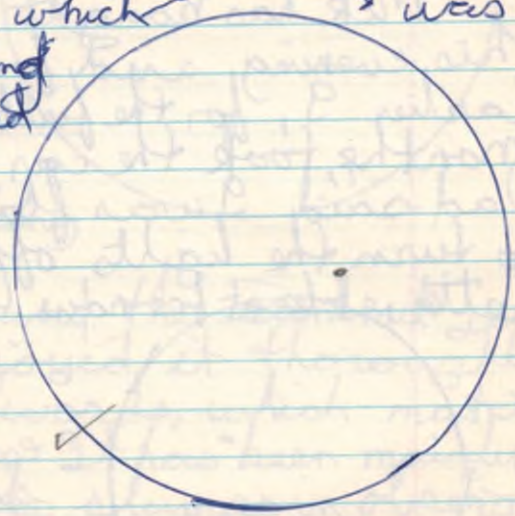
I've just finished a fabulous 2½ hour observing session. I tried 3 variables and had a little trouble with each of them. R Coronae Borealis and T CrB had respective brightnesses of 6.9 and 10.0, and R Ursae Minoris was at 9.2. I followed this with a 15-minute comet hunt and then moved the telescope to the head of the driveway to look at Jupiter - a fantastic sight.

Mik and I went out for dinner again tonight - tomorrow may be car day for him.

I rode my bike again this afternoon. I read in the paper that bicycle licences do not have to be changed each year, so I don't have to get no licences no more.

(cf. Fri, July 27) I tried the out-of-focus rings the 'scope had been out a while but still no luck. I'll have to ask Constantine about it.

I spoke on the phone with Nora this afternoon. They kept the watch on until 1:30, which was the time of birth of Marie, a young lady. That's why Si changed his mind about cutting the watch at midnight (cf. July 27). I'm glad, then, that I didn't. Too hazy as well.
A really good session tonight! (But without a birthday party at 1:30 in the morning.)



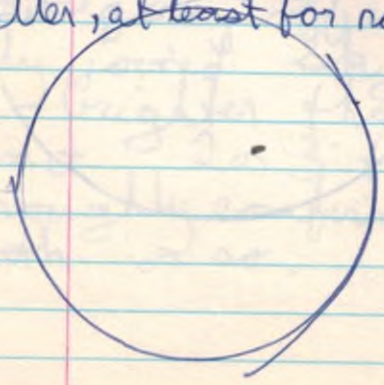
Monday, July 30.
High clouds and haze, high temperatures excessively humid.

I tried to observe just now but the h and high cloud interfered with me + my bino so I went in.

At Dr. Caplan's this afternoon I tol whole academic + social story of my tr disastrous years at McGill. The wh thing - even the fraternity (cf. Sept-Oct 1 bothers the ~~dr~~ biweekly tests in Physi which helped ~~made~~ make it mathematically impos to pass the course both times I took it. A of course, when I repeated the year I was to take all but one of the same courses I h taken the previous year, my attending cla where I had no idea of what was going o (+ that feeling was repeated last year at S George). I had wanted more basic courses + time round at McGill.

Last Weekend saw a second Woodst more limited in groups but a bigger crow 600,000 people. Watkins Glen, N.Y.

Mik has bought a Fiat! I rode in it this evening, and found it very comfortable Earlier I, for the first time in over eighteen months, took the car out for a short drive Dad said I was flawless - except I forg to turn the lights off! I am getting better, at least for now.



exaggerated size of spot

Now I'm getting m variable sp in order for the next cle night).

Tuesday, July 31.
Some Sun, lots of whispy cloud, haze - warm

It appears (9:30 pm) that the sky tonight will be acceptable for observing. I had a good talk with Mom and Dad about the RASC and its actions; my major point being that I consider observatory to ~~be~~ present a social aspect to astronomy - I don't take the society too seriously, but I do take my own observing very seriously.

The Watergate (Ervin) Committee has chosen to work longer hours to get more of a picture, through national witnesses, of what has gone on. Today H R Haldeman, top-level assistant to President Nixon. I watched for a while and I can't but wonder how confused everyone ~~is~~ must be getting the different witnesses contradict each

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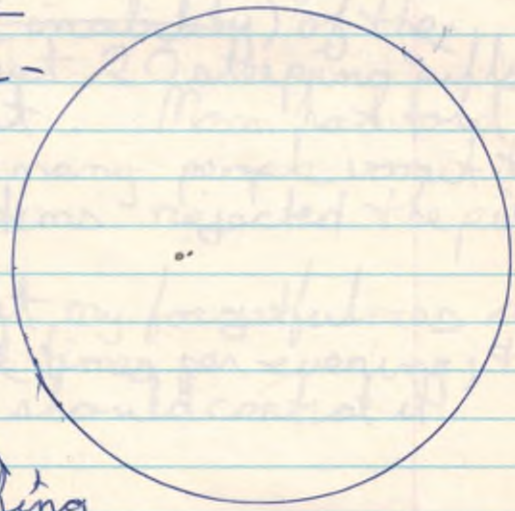
Back to my conversation with Dad and Mom. I feel that I have enjoyed it - that it has lost intensity but the interest has remained through the years since and even earlier. We enjoyed this conversation on the terrace watching the day end.



Had a nice walk around the summit just after midnight - and enjoyed it thoroughly. Thought about Dad's words, which matched with my feelings. It has been mainly in recent years that the slumps in observing interest ~~[illegible]~~ occurred.

Saturday, August 11. 1:30a

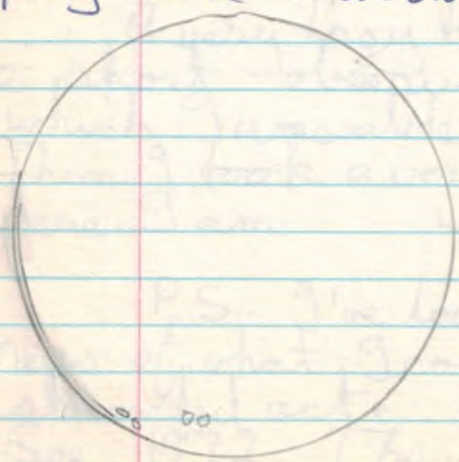
Dear Diary: first the weather – sunny + clear all day (at least all afternoon; some thin high cloud.) Clouds moving in more seriously after sunset, and a heavy rainstorm later in the evening. Still partially cloudy.)

It was because of these clouds that I decided to go to the observatory tonight; I thought that if it could clear up I'd drive home around ten to start observing. But the clouds just got worse + worse. Even now the sky has so many clouds ~~in~~ around that any form of observing is not really worth the trouble. This was supposed to be a part of a high, so the presence of these clouds is mysterious.

I'll probably go to the observatory more often now that I have a car available at least part of the time. The bus rides are a bit spastic and the walk spans busy streets, I know excuses, excuses. Next week it's my turn to talk there – subject: <u>Comet Miscellany</u>.

The day was a quiet one; I slept very late – about 1:45 or so. Tomorrow I'll try to get up earlier. Spoke to Grama on the phone, all is very well there; she especially sounds happy and pleased that I'm taking a car trip. They love travelling by car.

I'm worried about Paul. I just hope he is not as deeply involved in dealing as I think he might be.



1 group of about 4 faculae

August 12 Sunday. ~C
Mostly sunny. Partly cloudy at night. Cool +

I was out over an hour and a half in a reasonably pleasant variable star s Also a good look at Jupiter and the moon. was very pleasant, almost ideal observing weather, except for the occasional cloud just happened to get in the way of my va

I spoke with Paul on the phone, and to my relief that ~~he~~ his "dealing" is strict profit, favors for friends. He has not seem ing too well health-wise, though, and is Largactil. He is also in some sort of therapy, it's only once every two weeks. I hope to see him this week, possibly Thursday night

And it looks as though Mike + I will s our vacation with a week at Jarrac. way we won't be driving too much on the end dead weekend - one of three we must go throu on this trip.

I still am worried about Paul. He seem to be going downhill again; he said he almost a relapse. I asked him on about his dealin because I'm concerned that if somethin happened to him his health + happiness wou be seriously ~~endangered~~ endangered.

On TV Mary + I listened to Lester Pearso talk about his experiences during Centen year. It is fascinating to listen to him ramble on informally about his ~~life~~ ve rich life.

no s

Thursday, August 16.

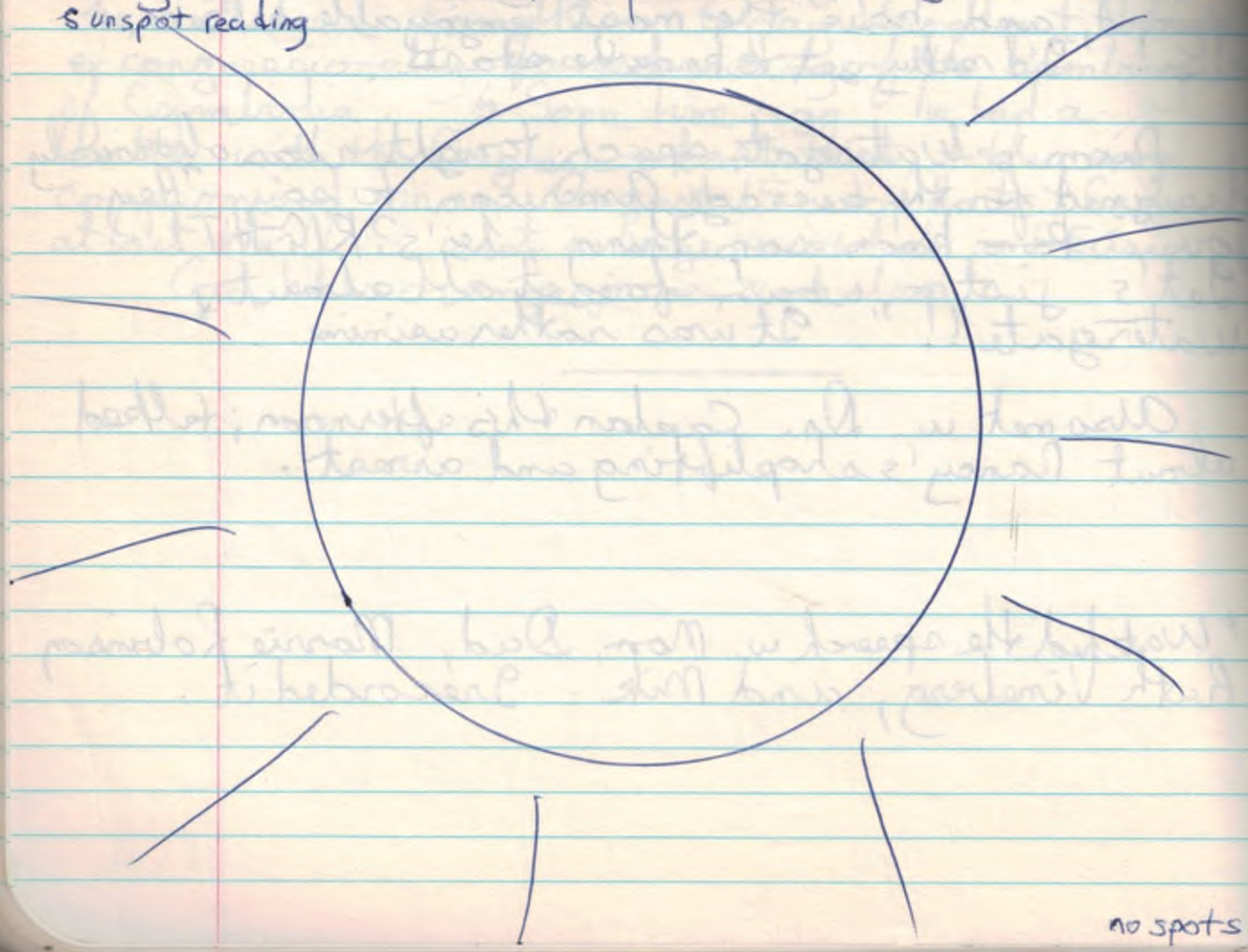
Clear with high fleecy cirrus that made the sky less than ~~its~~ perfectly clear.

That was supposed to be funny. Dixon has as his favorite expression, things should be made - or "let me make this perfectly clear." That's what his expression is.

I've begun READING. First Starlight Nights then about unemployment or underemployment for University Graduates. Even PhDs cant get jobs, but I had known that already. It's impossible to find work. Then what about a highly satisfying career?

I observed about 20 minutes under the sky which was spotted with high cirrus

sunspot reading



no spots.

August 19. Sunday.

Almost 3 a.m. again.
Very hot & humid again; rain again tonight; like yesterday. Then clearing. Short observing session with binoculars.

The day was quite miserable, — I complained to myself about everything, the heat, even the air conditioner couldn't seem to turn the ~~room~~ room cool enough.

I read a bit of the Kennedy Book. Very well-written but so sad, I don't know why I keep harping on it. Read articles about womens' prisons in the mag I never had the chance to read yesterday. I knew I was wasting away...

Tonight we watched (mau + I) the last part of the Pearson series, a restrospective of his career. Then came "Sticks + Bones," a very controversial drama about a man who returns from Viet Nam, blind, to a family who rejects him, and he kills himself. We watched the ~~two~~ first 15 minutes of it, and ~~decided~~ I decided I would watch the rest of it only if mother watched too. She thought the first 15 minutes of it made a terrible event even more terrible through bias + overdramatization and she refused to watch any more of it. I agreed, + we turned off the set.

Still in a sour mood, I just decided to go out for a few minutes. The stars were out and the unusual quiet made the short session a bit of a relaxation. Goodnight.

A Tuesday the 28th. 10:45.
Humid then clear in mountains of NH + Maine

We left Jarnac about 3:30 p.m. yesterday afternoon after cleaning up, and had an enjoyable ride home. It was deathly hot last night but the heat exploded into a tremendous thunderstorm with lightning + thunder ~~to~~ every few seconds. This morning the air was still humid but the sky had cleared a bit. The trip was great; we now are at Farmington, Maine at the Mount Blue Motel. We drove very close to Jay Peak in Vermont and the scenery there and in the first part of Maine was truly spectacular. We stopped at a park (something-or-other notch) + I took my first photograph in Maine. In fact it's the first time I've been in Maine. We ate and I've just completed an observing session under a clear but not unbelievably fantastic sky. I showed Mik M-13, 92, the Double Cluster (as usual, spectacular). Also, quite by accident, the Dumbell Nebula. I saw M71. All of these, even M71, were quite bright.

I'm not sure, but I think I ~~got~~ found T Cr B at 10.0, ~~relia~~ relying only on memory. I left the chart at home. I'll check it when I return home - it all seemed too easy - under country ~~sky~~ sky with a wide-field telescope - no wonder Leslie C Peltier has no trouble seeing the + recording variable stars.

I'm a ~~at~~ city boy.

Also, the last night at Jarnac (Sunday), Mik + I had a session of about a half-hour under + very foggy sky.

Hot

Wednesday the 29th. 10:50. Sussex, N.B.
Clear, warm, cool at night. Friar's Motel (Cabin 3)

The ride today went through Maine and into New Brunswick. The exciting part about this morning was our visit to Camp Modin, for boys and for girls. This was the place where my parents met and since it was right on our way, there was no problem visiting it. The place looked quite good, a bit run down in parts, with a beautiful lake in between the two camps.

We stopped in N.B. to get the wheels balanced. We drove through St John and stopped in the town of Sussex. It was a tiring drive but Mik says we're only a half-day's drive from Wolfville. We've done about 300 miles on each of the 3 days driving days so far.

The observing session tonight involved only 10 minutes of comet hunting. The whole thing lasted a bit under an hour. For the end we drove out to a much darker site where the sky was really something. Alpha Capricorni could be separated. The southern* sky, which does hide at home, was good here.

It's 11 and soon to bed. I'll read a little bit of the Kennedy Assassination book first.

*Lots to see in Sagittarius - M-31, 32, NGC 205 very distinct in 6-inch.

September 20, Thursday.

Nora called tonight to ask if I would help out at the "Mars Night" on October 5. It would be fine, until I learned from her it's Erev Yom Kippur. I'm going to call (who's in charge) to try to get him to change. But I've already decided I'm not going. In fact, even if he does change the date ~~doubt~~ I don't want to do it.

Billie Jean King won the "Battle of the Sexes" Match against male chauvinist Bobby Riggs - virtually no contest. Glad she won it.

I spoke with Dr Caplan about my fear of him; even though I question what good sessions have done.

Another quite depressing day.

P.S. I'm starting what may turn out to be a good book: Barbara O'Brien's Operators and Things.

1:30 - just finished a short but pleasant min. session with binoculars. The transit sky will soon be invaded by a big comet.

Life's been awfully shitty since I got back from my trip.

Tuesday, Sept. 25.
Sunny, warmer. 11:55 PM.

The weather is getting summery again.
Today is notable for the fact that so little happened inside, and so much outside.

Inside, I read the paper. I watched TV. I went with Mary to a concert with Zubin ~~Mt~~ Mehta conducting the MSO in works by Beethoven Prokofiev and Mahler. Very lively + enjoyable. And I watched TV.

Outside, the world, meaning in particular the U.S. moved quite a bit, and all while I was watching the Senate Watergate Committee hearings live late this afternoon. Two things. Evidence connecting Vice President Spiro Agnew ~~will be presented~~ to Hoffs etc. will be presented to a grand jury on Friday. And Skylab II ended with its landing safely in the Pacific Ocean.

And that's about it. I had (1:30 am) a very 5-10 min. observing session under an increasingly cloudy ~~sky~~ sky.

Saturday, October 6. 9:50 P.M.
Clear. Lots of rain last week.

Dear Diary; it's been a depressing week, and I really felt like not writing anything for a while. Last weekend Mik and Marianne and I went to Garnac. On the way we had a blowout but I was able to ease the car over off the road with no difficulty. The ~~too~~ time at Garnac was great. We had a good sky + I did a little observing. I think + hope that my 2 guests enjoyed themselves.

The week was miserable. Dr Caplan saw me Monday and Wednesday, but now is gone for a while. And just last night Mik + I took a little drive. This afternoon I accompanied Dad + Mom to the Concluding Service for Tom Kipper.

In the world around me, swirling in dust from day to day there ~~have~~ have been some developments just today, major fighting erupted between the Arabs and the Israelis, the most serious since the six-day war in 1967. Spiro Agnew is about to be indicted for bribery + tax evasion, and the Senate Watergate hearings continue.

I finished Barbara O'Brien's ~~Operators and Things~~, which I declare a first-rate book. An account of the delusions of a schizophrenic, followed by an intensive self-analysis, but with little information about her family background.

I observed for at least a few minutes on a couple of clear nights this week.

hursday. November 8, 1973. 0050PST
lear, warm; foggy in LA, cool in SF.

It started as an excellent early morning
-serving session, with a sense that something would
ppen. Something happened, diary. I thought, gee
s proves that my love for the stars still exists.
started to hunt for the comet without success,
d pressure after an hour and a half began to
uild up fast. I hadnt slept all night. I got
ustrated enough to smash the binoculars
the concrete five times. After a few minutes things
lmed down quite a bit and I resumed looking
r the comet. Feeling that a partially completed
ob is worse than useless, I looked through
hat was left of the binoculars say little, and
mashed the instrument till it broke in two.
e prisms inside were completely disintegrated, and
o ended the life of the best pair of binoculars I
ad ever owned, and also, so ended a lesson that
pression, frustration and anguish still rule me.
I slept about 4 hours. Jerry & Elaine took
e to the airport. By the time I got there my
pression had lifted somewhat. Hughes Air West
ew me in a yellow plane to Los Angeles, where I
et Joe and he took me to his home. He
howed me around; then we went to dinner
back to the airport where we met the reason
hy I couldnt stay at his home a few days —
s daughter Judy & her family came. Then
Westerly flew me to San Francisco and
arry drove me home.

Another lesson of this morning — the most
rightening one — is the danger of impulsive
ction. That. Today it was the binoculars.
ome other day it may be suicide.

First view of
Comet Kohoutek

Wednesday, Nov. 21.

Dear Diary,

Well, I just lay in bed last night fantasizing, and after a while realized it was 4:30. I thought all of a sudden, without consciously imagining this plan before, to drive up to the lookout, not with binoculars but with the six-inch. So I retraced the steps of October 1965 when I first saw Ikeya-Seki. Clouds covered large parts of the sky and seemed to be coming from all directions - but they were coming from the east, which is unusual. But after a while they just backed away and I began what ~~to~~ was shaping up to another fruitless search. It wasn't in the finder and the telescope didn't show it. So, as the first light of dawn came, I gave it a last try, Cf. style, hunting methodically all around the region I thought it was. And there in the slowly brightening sky I located the patch of haze that could only be Comet Kohoutek. Being on the verge of going up, I really was surprised. Getting home, I plotted its position (predicted) in a bigger atlas that I should have been using all along, and it agreed almost perfectly with the observed position. As a check, the only other bright hazy patch in the area was M-104, and I checked notes of my earlier observations of that object, and it wasn't what I saw this morning.

This afternoon for the first time in 6 weeks, I reacquainted myself with Kaplan, and we I told him about my trip, emphasizing my concern over that night in Tucson.

Tomorrow, a little surgery to remove something from my leg.

Just a 6 or 7 the mag. haze. It has a long way to go to become the comet of the century.

Thursday, November 22, 1973. 1:45
loudy, clearing just a short while ago.

Ten years ago President Kennedy was killed. t so happens that I agreed with many of his icisions. But more than anything else, I dmired him as a man...

I will have to have a little surgery to remove long-standing thing in my leg. I saw a doctor vout it today. Also to cut off my head.

Took a long walk tonight; ate dinner ith the Kursdbergs. ~~It's~~ They're nice eople, very intelligent.

I am beginning to make plans for the uture: ~~a to~~ inquiries into education courses ext fall; taxi-driving? if that doesn't ork out, I might enjoy that. ~~B~~ Bus ripe next spring + summer, I doubt I'll ork at camp) but I might yet.

Goodnight.

6:20 a.m.

Again, I did not sleep. The sky had been clear ll night, it seems, so I thought I'd make try g. 4 on the comet. I drove up and set up the lescope, oh, and the mount ~~yet~~ just fell apart. K. Lots of time, clear sky, so I drove back, ot the good mount for the six-inch, + drove p again, and clouds moved in, out, in, out, + n again. Even in the clear times I couldn't even ee Spica, let alone Corvus, let alone Kohoutek. t last I got Corvus and made a jab at the met before clouds moved in again. I did get a ook at the Praesepe Cluster. It was a fuck-ng frustrating session. I just can't hack it now o much haze ~~or~~ near the ground anyway. Can't take is frustration anymore, so thus ends morning sessions.

Monday, January 14. 9 PM Mon.

One of the interesting things about the Dylan concert is that I felt at home among the people in the audience. I did not feel that way at the highly commercialized MSO benefit concert late in 1973. The girl to Mik's right ~~were~~ was smoking hash; the couple one row down were doing great smelling grass. Everybody seemed happy, at least for the moment, at the end, even the policemen got into the euphoric ~~that~~ chanting of Like a Rolling Stone. Such excitement about a song that summarizes ~~the~~ the disillusionment of young people at their inherited world.

I saw the comet again last night - Mik wanted to see it so he drove me & the six-inch telescope out to the same spot as Saturday night. It was darker this time and the view of the comet through the telescope was quite beautiful. About a fifth magnitude coma, with a faint tail that fanned out almost across the large field. In the east, the sky over Montreal was almost bright as day. The two trips to the country, looking at the comet & the Orion Nebula, and at the Dylan concert, made the weekend a ~~me~~ memorable ~~one~~ one.

Jeff & Marcy were here yesterday.

From Zelda: (p. 109) "Very heated discussion about reality: if a girl has a crooked nose, but sufficient charm to give her face an appearance of beauty, which is the truthful, a photograph showing the girl ugly with her crooked nose, or a painting showing her beautiful because of her charm. Fitz and I said painting — Zelda said photo."

Tuesday, February 26. 2:30

No wind, clear, 17° now.

I've just finished a 1h 25m walk-observing session around the summit, guided by, depending on direction, Capella, Vega and Arcturus. Life really seems to be looking upwards.

Dental floss time. Will save my teeth and gums. Learned how to do it today. Dr. Grossman & his staff are o.k. I use him on Gerry's recommendation.

Phoned Grama tonight. Will visit her and Grampa on March 6. It's something to look forward to.

And finally, a generalization that the 3½-inch 'Echo' ruled from 1960 to 1964, except for a brief period in Denver with Syncom. ~~Regus~~ Pegasus reigned 64-67, and Joe from 68 until now. More or less.

Goodnight.

Tuesday, March 5. 1:30am W.

I had a rough time packing because the grips I used were too small. So now I have a grip & a little handbag & all is well. I guess for a trip as long as this one one needs a lot of things. But with my plastic raincoat doing duty as a bathrobe too, we're squeezing room. The only delicate thing I'm bringing is the camera; the binoculars stay home. The only place I'd keep them is in my handbag where they'd be added weight. So my observing will be with borrowed equipment or with unaided eye. (I have a clock too)

I had an appt. with the director of the Country Camp & Jerry tonight. I'm volunteering to help as a consultant in their astronomy program this summer, going up there 5 or 6 times for a night. Should be fun.

~~Got~~ Spoke with Richard & with Mikpel. It is likely I'll have his car when I get back, but not definite.

Went for a walk-observing session around the summit.

Wednesday, March 27. 1:30 am

High 70s, clear.

Dad is 65 today.

Finished a ~20 minute observing session tonight, the first here since that ill fated one a few months ago. ~~It was~~ This one was peaceful & pleasant, with Happy as a companion, as she was last fall and in 1967.

I rode Keith's bike to and from U of A today; and spent some time there, but the ride was very tiring.

I'd like to drive into Mexico early next week.

—

Thursday, March 28.
Clear, 70s.

Very tired today so I didn't do too much but stay at home and read. I've decided to rent a car, but so far I couldn't get one. Either there's no car or I need a credit card.

Tonight I was out observing with Jerry. I decided to look for Comet Bradfield, supposedly around fourth magnitude now, a bit over a week past perihelion. I found inside of two minutes, + then Jerry brought out the telescope so we got a better look. It's a bit like Kohoutek, faint fan-shaped tail. We were out about an hour; it was a good session.

O.K. - that's it - except for Johnny Carson tonight - which prep the high point of - the finest hour - of television - a streaker ran across the stage. Planned, sort of, but funny as hell.

FRIDAY, APRIL 12. 12:3

Clear, 60s.

I ate lunch with Joyce today; then drove into SF for the afternoon, shopping for tapes and then visited the beach. Even though it was windy lots of people (well, some people) were sunning themselves.

Then I visited the science museum in Golden Gate Park. It's funny how things - processes, animal life habits, etc. are explained to people ~~90%~~ 99% of whom will ~~leave~~ forget everything the moment they leave it.

Outside the museum two members of the San Francisco Sidewalk Astronomers were exhibiting the sun through telescopes John Dobson and a young girl were operating things very well. ~~After~~ I stood by a while, before asking a question or two. I didn't have to say a word to show I knew anything because they noticed that when someone bumped the telescope, I was able to reset it in seconds. Anyway, the discussion was short and occurred after I followed them home. They have a bus with room for their 24-inch Newtonian which was built 4½ years ago for $300. ~~It~~ The bus cost $9000 or so, + lo! Their portable observatory. Their only aim is to bring astronomy - observational - to the public. It's a great idea.

I ate a good dinner out w/ ~~I~~ + Joyce + Larry. His + phase of the trip is turning out quite well.

P.S. Still can't bind — sorry. I promise to get something better by tomorrow.

Saturday, April 13. 10:45.

Ds dear.

It has been a busy day. I got up fairly early and spent the morning at SF beach near Golden Gate Park. Then I spent a really lovely afternoon with Joyce, Larry, Wendy + Bobby near the top of Mount Tamalpais. There was a girl up there sunning herself, half nude. Larry said that's what you need a telephoto lens for! We walked around the "meadow" up there for a while, then went home. It was a very peaceful afternoon.

Then I drove to Sausalito, where I bought, in this city noted for its "art", this pen and a roll of film. I took two pens on this trip and lost them both. This is pen no. 3 and about the hundredth decent pen I have owned. No. 2 is here somewhere, no. 1 in Tucson. This is a papermate.

This is my last day in San Francisco. Tomorrow I begin my drive to Los Angeles. That should be fun. I'm planning to do it in 2 days.

So, as ~~it~~ ~~W~~ Uncle Walter says, And that's the way it is. San Francisco has been the best part of the trip so far.

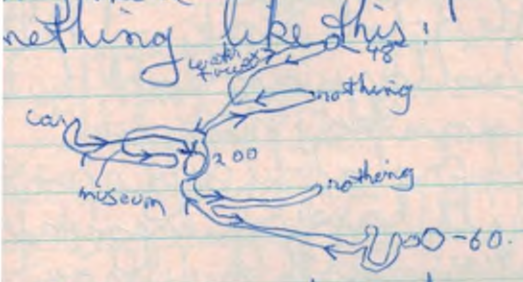
hell (or heaven) I was going so I felt my
y back down
So I spent about 30-45 minutes on the site
pretty well what I wanted to see, and left
had expected me by 4. I didn't get lost until
last few blocks but I finally got there at
45. We got jumper out and he showed some-
des. we chatted for awhile and then I drove
Kurt + Barbara Peña's place where I'm
ying.
I just forgot about lunch. Didn't get
ngry till I get to Joe's house.
It's hard to imagine that an observatory
mous at Mount Wilson is operated as a "Skyline
" by a TV station, and that when it's open,
's even an admission fee. Kitt Peak, Lick &
lomar are free, as far as I know.

I don't really need the "tour". I got it first
nd in 1967 at Kitt Peak. It's just nice to visit
pites. But I do want to see the Hale telescope
efore I leave for Palomar Mountain tomorrow,
Barbara + I are going to call ahead to
make sure ~~they're~~ their visitors gallery is
en.

8:30 - wake up
9:30 - leave
2:00 - arrive Pasadena
~2:45 - arrive Mount Wilson
~3:20 - enter mount wilson
3:55 - leave Mount Wilson
5:45 - arrive at Joe Howard's
7:00 - eat, later slide shows of N.O., P.O., + Europe
10:45 - arrive Kurt + Barbara
1 a.m. bed.

day, April 16. 12 midnight.
Los Angeles.

t was another exhilirating & exhausting day. The
to Mount Palomar took me past San
nte, where I drove up to the gate of Nixon's
. Now maybe I can get by the guard at
ilson, but nobody (except Oswald) can get
he Secret Service. There's no sightseeing
, so I went on to Palomar Mountain. The
e up wasn't nearly as beautiful as the Wilson
e, but at the top I was able to see the 200-
'reflector, pointed straight up, and the dome
conveniently pointing directly over the front door.
, a huge structure. Really, I didn't know
bservatory could be so big.
hen I walked around where visitors were not
rmed to see the domes of the 18"? Schmidt, the
inch reflector, and the 48-inch schmidt.
ing the 2 hours, I spent up there the walk went
nething like this:



The 200-inch is almost exactly as old as I am, but
tation was much longer.
It took 4 hours to get up there. I was
ite tired so I hurried back in three hours,
it was 9 hours in all. Well worth it. Finally
t to see an inside of an observatory in California.
I spent the evening with Kyst & Barbara, & we
ked mostly politics. He thinks the house will
e impeachment by a large majority. It was
n evening & these are people I enjoy being
th.
I spoke with (I think) Mrs Peltier to confirm that
Peltier would be in town Thurs. & Fri; I to leave
Delphos Thursday morning.

Thursday, April 18, 1974. 1:30am E. est
Delphos, Ohio.

It seems an interesting climax to this trip to be able to meet the man whose books I've read and admired and whose lifestyle, as described in Starlight Nights, is so much one I would want to have. The peace.

Getting to Delphos wasn't too complicated; I flew direct to Dayton, then rented a car and by 7:30 was in the Arrow Motel in Delphos. It was a pleasant ride but tiring. I said goodbye to Kurt & Barbara, paid for the car & airplane tickets, and was off.

~~I went to~~ Leslie took me out to dinner, although he didn't eat he wanted me to have a good meal. I ate, alright, and we talked mostly about light things. Later, Don & Carolyn Hurless came over and we had a good talk. She obviously loves to talk. We talked about politics, about my future, and about the need for one to do a hobby for its own sake. She said it was a very thoughtful thing for me to name my observing site after Mr. Pettler.

It was simply a pleasant evening. Nothing special, in that no ray of light shone above the man — just an elderly, homely looking ~~but kind~~ and kind person. ~~It was a very~~ Of all the things he showed me, the most impressive was the old six-inch tube with the twelve comets carved into it. He says he still uses ~~the~~ both the 6 & 12-inch telescopes equally, but comet hunts only rarely. I explained that my present phase of interest is pretty well confined to looking up at the stars a-la tropic isle. (cf. Starlight Nights).

Tomorrow morning I get to see him again for about an hour. I'm glad I was able to get to see him. I'm glad I stopped tonight in Delphos.

Saturday, April 20, 1974. 4:59 a.m. Sun.

The trip has ended.
I woke up around ten and drove leisurely along until I reach Lewis, N.Y. I decided on the spur of the moment to turn off and visit the old Adirondack Science Camp. Joe told me it's being used, and I found it in good condition, but the grounds were empty; I had the place to myself. I walked by the spots where I did so much observing in the mid-sixties, and of course the site saw some of the most contented moments of my ~~life~~ life. It was an invigorating visit, and I'm glad I went back.
The rest of the drive home was relaxing but very uneventful. I got home, and talked with Mom and Dad. Later, I went to the observatory where for some reason I got a tremendous welcome — just "the group" was there, and I told them about my trip. Afterwards we ate at Pumpernicks and Gerald Grilt I drove south for a look at a ~~to~~ sky slowly brightening. We had a good talk.
I don't know why I'm up so late. It's already light out and the days of ~~actur~~ activity will soon catch up with me. I'm glad I'm home.
Did the trip teach me anything? Yes. I think it reinforced the growing idea that I've got to be selfish and think of myself first. It was only when Joyce & Larry took me for me that things started to go well. Maybe in D.C. and Tucson I should have left when I realized that they were not going to let me be me.

Saturday, July 6.

At the observatory work is progressing in painting, washing, + general modernizing. The lights are back on after being off for about a month, at least. I confirmed with Constantine + Leo that, in 2 weeks we will have an observing weekend at Farnaq. Flora says that tomorrow, she's o.k. — so + she will be working at the observatory. ~~She showed Leo son~~ (not yet!)

Anyway, I spent another quiet day because I still do not feel too well. I need sleep!

3:30 a.m. Sat. July 6
Aurora
A few seconds w/ Hasselblad
f/5.6

pictures from the July 6/7 Aurora. from the driveway.

7-2.

Friday, July 12.
Sunny, warm

Tonight was the Deep sky blunder night at Mr Bentley's. I picked up the little yellow car at the dealer's and tonight met Nora who gave me supper. We picked up Leo & off we went to Chambly.

The sky was more suburban than country. I've had it, on rare occasions, almost as good or even as good right here. Problems with Little Joe's mount caused concern at first, but Mr. Bentley & I fixed it by drilling two holes in the platform & aluminum top. Now it's far more stable, & I used it successfully the rest of the night.

Constantine had brought Pegasus, so the two telescopes got their first use in a long time – 6 months for the 6-inch, a year for the big 8-inch.

Inside for a midnight snack with the others. I found the organ fun to play, so I entertained them for a while. I can't play but it's fun anyway.

Then came more observing – we stopped before dawn because of a moon & haze. I'm kind of surprised we didn't go on.

Second big session in a week. I drove Leo & Nora home, then waited for Constantine & his tired wife Ginette to bring Pegasus back. I wrote Mom & Dad a note, saying I had had a great time & wishing them a good time at the 1000 Islands. I join them Tuesday.

I asked Gerald C if he was thirsty while he was lying down looking through the astrograph. He said yes & opened his mouth, so I poured some ginger ale down it – but he spit it out – I felt bad about it but everybody thought it was very funny.

Tuesday, July 16. Thurs. 18.

I forgot to ~~pu~~ bring diary paper to the 1000 Islands, so I'm a bit behind, again. I drove all the way from Montreal to Lansdowne, Ont. where Mom, Dad, Richard, Marcy, Rona & Jeffrey are staying in 2 cottages at the Ivy Lea Inn.

The night was very clear; R & R and I went to Gananoque, "did the town" and after I read the paper, I did ½ hour of observing down by the dock. Not the best night, but a damn good one. Island silhouettes & the river were really weird.

This place, as Richard says, is like Camp Iwanee. More rustic than at Lake George and much cooler.

Saturday, July 20.
Jarnac.

Clear, beautiful.

7:40 p.m.

It has been a great day. I've just come in from swimming, sunning and snapshots, and some of the others are still out in the boat & the canoe fishing. Constantine and Ginette have just arrived. Earlier, we went into town for more groceries.

I don't think I've ever been up here and not had a good time. So far this time has been really terrific, ~~too~~ One can sense that everybody is having a good time. The whole thing is going well so far and I'm being redundant.

This week, Gerald & I are going to put out Skyward together, and that should be fun too. Now Nora & Marie are fixing a Chinese supper.

3:40 a.m. A rather weird night. Took a few pictures and ~~I~~ & went out in the canoe with Marie. Everyone got very tired and tripped over each other, making a funny scene before everyone went to bed. Then I tried some pictures with my camera attached to the astrograph but the drive didn't work very well. Then Constantine & I had to wake Gerald to help us put the monster away, and now I'm going to sleep.

—

Thursday, August the 8th. Minnowbrook.
Clear, nice 12:40 p.m.

A good morning. Woke up around 9:30, in my private little mansion, and of course missed breakfast. Lunch is but 20 minutes away, and I guess I'll leave after dinner. Attended a couple of Mike Day's astronomy classes in the little room I used to use. He's good, the kids are good — very intelligent. (He said one of the brightest kids, after enriching a class with his intelligence, ran away that afternoon.
It's recall now! Lunch soon! Ravenously hungry.
Anyway, it's interesting how bright kids get into so much trouble.
"Prepare for lunch!" Fantastic. Food. ~~[illegible]~~ of the morning I walked around these premises with my camera — mostly just the basic thing, no fancy stuff. It's too warm to lug around all the extra stuff for so long.
I took a walk last night around the camp, especially the sites where I used to observe, especially the baseball field where most of the sessions were, or through the window of Bunk I. How about the time I did some hours of comet hunting early one July morning from the bathroom window, to avoid getting caught outside. I think I did about 3 hours that way. With music, of course. One must be comfortable. At least there wouldn't have been a problem when I had to — oh, never mind.
People seem to remember "a year when many many people quit or were fired." I remember that — so do you. Chronicled ~~in~~ here in up-to-the-minute detail. (cf. 1968).

aturday, August 10. 9:20 S.
Stellafane.

It's Saturday night, and last night's
st camping out experience in my new
It was a fairly successful experience. I
not sleep very long, but woke up at about
30 or so, feeling quite rested, and with
st a little asthma.
Carl + Peggy, Constantine + Ginette, Leo +
ora, Gerald, and Marie are all here, and
was a beautiful day. Lots of people, and
think I took some good pictures.
When I stepped out of the tent I saw,
arked not 25 feet away, Roy Bishop
d his family! That was a surprise.
hen I met Carolyn Hurless, and Walter
cott Houston.
We ate in town for breakfast + dinner;
e here our lunch. (?!)
So now comes an evening under the
ars; observing; and tomorrow, a drive
me!

P.S. "SS Cyg coming to a max.
ase get it."

Thursday August 15. Métis 12:20 a.m.

Over 400 miles to Métis beach. It's been a long drive, over some nice country. It's the first time I've been in the northern Gaspé. Side trip to St. Louis-du Ha! Ha!

But I'm tired, and soon I get to go to sleep. It would be ~~no~~ nice.

Still leaning towards McGill — just to start.

Mailed the article on "observatory observations" to Carolyn, for her Variable Vuiw. She wanted it first, so I just cut it out of Skyward as I told her I'd do. It's in the mail now.

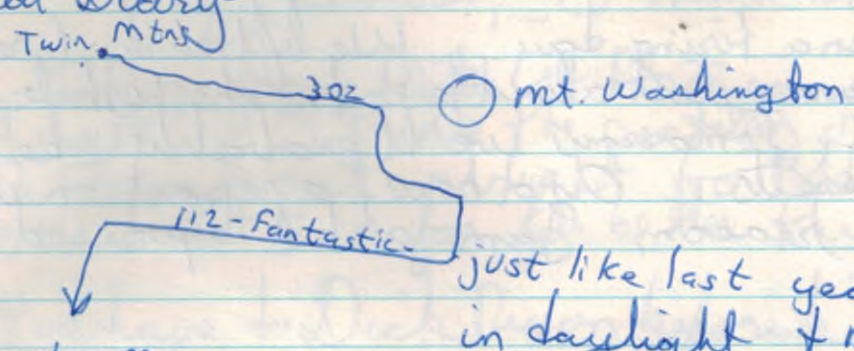
We passed a cemetery whose gate beckoned us to "Pensez y bien." There's a lot in that. Yesterday the Star carried what I hoped it would carry — a full page "Anatomy of a Suicide." Last month a 21-year-old girl reporter in Florida took out a gun and shot herself right on TV. The insights this article presented were interesting; always keep in mind that an impulsive suicide is always an option.

But I'm now at Métis. I had a short observing session with Nora & the six-inch RFT, between clouds. Tomorrow if it's nice, I'd like to do the long trip to Percé.

Bye.

Sunday
~~Monday~~, August 25. 1:50
Canton, Mass

Dear Diary-

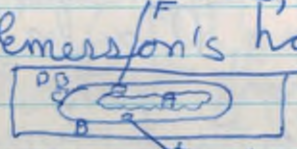


just like last year only in daylight + more traffic

to Mass.

A - Pond
B - Trail around pond
C - Trail marked "T" to
D - Thoreau's place (?) (Really?)
E - tiny pond
F - another tiny pond

→ Concord, where we saw the outside of Emerson's house. Then to Walden



Pond; we had a pleasant walk around the lake which I would have enjoyed more alone. ~~Then I went~~ Nothing against Mik - just that it was the kind of walk that is best done alone. We saw (x) what apparently was the site of Thoreau's cabin - a bit back from the water; a nice place if that was it.

Now we find ourselves at Patti's place where we had a great dinner. Tomorrow will be easy - Cape Cod and later to Dave Roy's place.

The car overheated a bit on the dullest part of fantastic Rt. 112 + we had to wait for it to cool off ~~we~~ for a few minutes. I ~~took~~ managed to take a close up of a twig and a piece of wood.

Also ~~it~~ got some shots of Walden Pond at sunset. It was a good time to get there. Not too badly commercialized - they have a swimming area + a hiking trail around the lake.

Saturday, September 7. 7:20 Jarnac

If I could spend weeks up here a unit of days, I'd probably really get to like and love this.

Today was perfect. It started with sleeping in late - then, after lunch spent the whole afternoon either lying on the inflo raft, or rowing around the lake in a boat, taking many pictures. It was just perfect.

I waited out in the lake a while till the sun went below the trees, so I could get a picture of "Sunset on Jarnac Lake" or whatever. I must have been out there at least five hours.

Now, for supper and observing.

Just spending the day in the lake, taki pictures here and there - the whole wor to myself, makes this part of life "happy." Maybe I will be able to make peace in myself sometime.

11:45 pm

A 2½ hr observing session just completed. Sky was average for here until moonrise. I did do one hour of comet hunting, the first such session in a very long time. Also looked at R and T (?) G B, and estimated (naked eye) V 2 Cam at 5.1. Meantime the camera took a picture of the stars around Polaris, & then some double exposures, which should be interesting.

It gets lonely at dinner time, then I go out & observe and everything is o.k. again.

Sunday, September 8. 2:30.

For the past 2 ½ hours I've been walking - just me, no camera or anything - thinking about things. It's a beautiful day - just a bit humid but breezy & mostly sunny. I'm on the dark row.

This year may be a bit like 1966-67. I'll be going to McGill, and I'll be active at the observatory. The big difference is that McGill will probably be less of a problem, go-or-die wise. It's just a change from my present lifestyle, and it may be fun. But no "I've got to do it" attitude.

Also, I think I'll start variable again. This time, on a more modest scale - a few one in Cygnus, and UZ Cam, both of which I could try each night. Also perhaps R and T CrB. And an experiment: now that I finally have a waterproof tarp, I'll try leaving the 8-inch mount outside. It's an idea I've had for years but I never did it 'cause I never had the tarp (except at camp in 1966.)

The coming year may even give me more time than before to do what I've wanted to do. Often, more things to do means more careful budgeting of time, meaning more time to be alone, etc. etc. Well something like that anyway.

But why not try McGill this year. I may meet new people, it may be fun. Do I want teaching as a career? I don't know. That I'll have to think about some other time. I'll just start this year for now, & see what happens.

"You don't need a weatherman to know which way the wind blows." – Dylan.
7:15 p.m. Waiting for (Godot, shades again?) dinner. Listening to Dylan philosophize ~~and~~ about jingle-jangle mornings. The country air and quiet makes me meditative. A dangerous state.

8:50 I guess the Morneau's left today – it's been quiet there all afternoon. If I broke a leg or something & couldn't get to a phone it would ~~be a~~ present a problem. But that's part of the "fun", (until it happens.)

11:50. Two and a half hours of a real treat. Especially the first part – the sky was much better than I thought it would be. I estimated V Cam as 5.0, a bit brighter than last night. Then I did another hour (& a couple minutes) of comet hunting, and then ~~a~~ mist came in – either from the lake or from elsewhere, and the moon is rising. But when I went out almost 3 hours ago I was surprised the sky was so good.

Anyway, after the hunt I took the boat out for a while and watched the stars from the middle of a ~~somewhat~~ somewhat misty pond, illuminated by the stars, airglow and a 7½ watt bulb inside the main room of the cabin. It's amazing what 7½ watts can do.

I remember telling Leslie P. that the forecast was for clouds & he answered something like "Maybe we'll ~~for the~~ 8-5 forecaster." Tonight we did.

Ca. 8 #3
have to think about some other time.
I'll just start this year for now, & see what happens.

Friday the thirteenth. 11:00 P.M.
Jarnac.

Dear Diary —
Guess where I am again, but this time I am not alone. I went up with Gerry and Audrey. They asked me yesterday if I wanted to come with them, and after a little thought I said I would. The thought was mostly about Nora & about the observatory, and I decided I could miss both.
But Nora was upset today, and she may call this weekend; in fact she may take a bus to Orillia & I'd meet her there. but I really don't think she is going to do that. Things seemed very different on the phone this morning — she was wondering if she wanted to, more than the other way around.
So ~~tom~~ another weekend up here has started. I went out in the boat for a while before dinner, and then I observed for a while (UZ Cam at 5.0). I saw, for the second time, (the first was through Roy Bishop's 5-inch) the Veil Nebula; a wispy thing in Cygnus. Also identified X ~~Cy~~ Cygni, a new variable, I'd like to watch. There were clouds, but in between the clouds the moonless sky was very clear.

3:05 a.m. Total observing time tonight just over three hours. This was a night!! It poured rain on the way up this afternoon; a front must have passed through, leaving somewhat annoying scattered high clouds but a fantastic sky. One of the best I've seen anywhere, a definite 10+ on my "scale", especially for this second half of the observing session. ~~Ori~~ Orion's up, but the clouds keep obscuring most of it. The clouds come & go — but what a night! Out in the

boat again, this time under a sky absolutely covered with either high cirrus or white star fields. Veil nebula in binoculars. Jupiter's moon's changed their configuration from earlier in the night - one moved out from the planet, and ~~the oth~~ another made its appearance. Saturn's up, too. Crab nebula, M-42; the Gemini Cluster, Double C. in Perseus, and Veil again. And again. Telescope kept very busy. A new catalogue object, ~~no~~ for CN-3, during a 2-minute comet hunt (a token) - a nebula or something very near M-81/82. And 81 + 82 were great too. This new object, Herschel II No. 44, is a longish thing, not as fat as M-81; not as long as M-82, sort of a compromise, about the same brightness. The night! The sky!

what happens

Saturday, September 14. 2 PM

Jarnac Pond again.

Last night must have been one of the best nights I've seen, excepting for one in the Rocky Mountains in 1963. Except for the scattered clouds it was perfect. It was also one of the only nights I've seen here with a breeze; the lake was not its usual mirror-like self last night.

It's chilly today and mostly cloudy at the moment. Once again I'm out in the lake. Constantine thinks I waste my time here when things are happening in Montreal. In Montreal all we're trying to do is get members. Is that what life is all about? Getting members. Maybe I spend too much time worrying about what other people say, but Constantine philosophizes so much that I can't ignore it. Anyway, while they get members, I'm up here observing a fantastic sky.*

I'm involved at the Centre a bit more than I should be, and I should keep myself from becoming an addict.

And Paul called the other night between four and five in the morning. He doesn't look well, but he is better than he was a few weeks ago.

It's chilly today. But not uncomfortable.

* My interest in the sky & my interest in the centre are two different but vaguely related entities. The first is very personal, and the second is mostly social. It's the first that has had so much to do with my life, and in a sense it embraces the second, which is the way it should be.

More blue sky. It's warming up.

Star map →

Wednesday, Sept. 18, 1974.

dear David –

I guess I'm the only one allowed to use a capital I instead of a small i because I know more about what really is you than just about anybody else. I know also that now is a more critical time of your life that than even you may think. You are acting an awful lot like you just don't care about this year. You are several assignments off already – some you'll do sometime and the one for the course you started yesterday you'll probably never do. The little assignments are not that important really, and if you remember that in the long run even the big ones are frivolous you may be o. k. Because, the whole year is in doubt, why worry too much about one course or a part of that course?

Jupiter
11 P.M.
Very good seeing
8-inch telescope
at RASC Observatory

What happened today was a mixed bag a half-decent English class followed by game playing in Communications class. The really frightening thing about the little groups & projects in that class is that they are reminiscent of the Day Hospital at the Allen. This of course is intolerable, but some of the games weren't so terrible. He asked

Sunday, October 20. Jarnac.

— Sunny, cold, but nice in the sun. We took a walk; Constantine's no wind. Allen tree that had ~~almost~~ caught two with it, so he and Rosa relocated the and the others trees, bounced back up, out of to life and limb.

Last night Constantine glued the antique together, and we fixed up the couch. He's something; as Ginette said by the fire that it's great ~~to~~ just to do nothing sometimes. Rosa seems to be enjoying herself too — cold today, temperature in the twenties. We fixed the fire; he enjoys keeping it. He got the idea when he observed that Allen tree was trying to hurt "that poor there," and we fixed all that.

—

Last night Orionids, Friday night; last nice but it clouded over just as I to start observing.

Montreal.

We left, after dinner, and arrived I've been out taking pictures street lamps etc. I fall over will match up with Squares of The neon cross on the and the St James neon sign especially appropriate.

—

Pictures were taken outside the house at McDonalds on Decarie St. in old Montreal. Very night.

Saturday, November 16. Jarnac
Cloudy, cold

3:30 P.M.

Not too cold up here; the road has some snow on it but there is none here. All the work has been completed; the place looks really nice. Just a little snow in the hills where the sun hasn't had a chance to melt it. This pond hasn't frozen yet.

As usual, the usual comment - so quiet up here.

Sun just came out - it's so close to the horizon, so early... No sound but the wind; no neighbors, no dangling conversation...

5 P.M. Very cold, both outside and in. Do a little observing; then home. So cold in here... Cleared up, more or less.

5:15 Sun

A short observing session at Jarnac, I had a depressing drive home to a depressing meeting at the R.A.S.C. You know, on Wednesday, I finally put up my picture - on the side of the pier. It's in a reasonably unobtrusive place. John Allen, by the way, & I really feel it is by the way, has resigned from everything.

2:45 a

I never got to read the editorial in this entry but I had heard about it in 1967 and in 1978 wrote the Flower garden poem, based on its idea. It was today that I finally got to read the editorial, so here it is: an excellent satire.

I've lost eight pounds recently - probably since student teaching began. The rumor wheel has been grinding away too fast, and with nothing to stop it, it is ~~to~~ liable to spin pretty well right off its axle.

Pretty soon I've got to write the article about the three wise men who saw the Christmas and didn't quite know what to do about it.

In Communications class the professor asked me if I had seen what was across the hall. There, taped high on the wall, was an article. And underneath it lay a banner headline from the Gazette sports page: "LEVY WAS RIGHT." A girl in class told me someone had said I had a lot of guts.

Tonight, or late this afternoon, the Daily decided that what I had prepared was enough for a front page article after all. Tonight I wrote up my first news story, it will appear in tomorrow's Daily.

It's past three. Tonight, for the first time since I left the mount outside month I took Pegasus out for a short observation session.

— 30 —

27-2

Friday, December 13.

Sun to vanish

by David H. Levy

To whatever mythological portents Friday the thirteenth offers, tomorrow will provide one more: a partial eclipse of the sun.

Although nearly all of North America will experience a partial solar eclipse (nowhere will it be total), Montreal is one of the prime locations. At maximum eclipse, almost three quarters of the sun will be covered by the new moon.

The eclipse will begin at 9:29 tomorrow morning. During the next hour and a half more and more of the sun will be obscured. Maximum eclipse, when 70.7 percent of the sun will be blocked out, occurs at 10:59 am, and the eclipse ends at 12:33 pm.

During this time the Montreal Centre of the Royal Astronomical Society of Canada will have a telescope set up in front of the Arts Building. The sun's image will be projected from this telescope onto a small screen for everyone to watch.

Observing by projection is the safest way to watch an eclipse. Because of the reduced light intensity, your eyes do not "stop down" enough to block dangerous infra-red rays that could blind you. If you must look at the sun directly, use No. 12 or 17 welder's glasses or at least two layers of completely exposed black and white film.

Eclipses of the sun occur when the moon places itself on the line between sun and earth. Although they occur quite frequently, a total eclipse can be seen only from a very narrow band along the earth's surface. The last total eclipse of the sun visible in Canada occurred on July 10, 1972, and the next one will not come this way until February 1979.

Chinese astrologers were the first to discover the saros cycle that eclipses tend to follow, and this finding enabled them to predict eclipses accurately. The saros cycle means that each eclipse repeats itself every eighteen years and ten days. The eclipses of '72, '74 and '79 just mentioned are part of three different saros series. The last eclipse in tomorrow's saros occurred as a smaller partial eclipse on December 2, 1956, and the next will be an eclipse of greater magnitude on December 23, 1992, but a total eclipse in this saros will not happen until May 16, 2227.

Friday's celestial event will actually be a double feature. After the sun sets the night will bring the maximum of the Germinid meteor shower. Under a good country sky, you may be able to see as many as fifty meteors per hour.

McGill Daily, Thursday, Dec. 12.

The eclipse came and went, all in cloud. ~~Hea~~ Heavy cloud, with some blue patches, but unfortunately the sun didn't come out at all during this time. ~~It~~ Mario Constantine and I set up ~~the telescope during~~ Pegasus in front of the Arts Building, and around eleven over a hundred people were looking through the telescope at a man inside a big construction crane. It was a good morning, even though we didn't get a second of the eclipse. Afterwards we ate a Christmas Buffet at the Union courtesy of the Daily. Then we went home; I rested, ate, and tonight was the Daily Christmas Bash at the Union. I went into a bummer when my Rolling Stones tape broke, but it was a good party with lots of dancing, booze & conversation. I met a new staffer, Julia & got better aquainted with her roommate Sacha.

And Joan Mandell (last year's editor) Joan Shields and Bonnie.

It ended too early, (2:30) but it was a good party.

1975

- IT OF COURSE DAWNED BRIGHT AND CLEAR

WORE ON CLOUDS OMINOUSLY APPROACHED

LIGHT SNOW WAS FALLING. UNFORTUNATELY

(IF IT HAPPENED ANYWAY HERE) .....

MEETING THIS AFTERNOON. THURSDAY

THE USUAL DISCUSSION.

-SHATTERING INTEREST. LET'S SEE

DOINGNZSF - MUSIC, SIGN ON.

TIME=16:39 PORT=058 RESTART=061

VER 2

NUMBER:

IS ALLOWED, DAVID.

IS PROGRESS/ I THOUGHT I'D TRY

TELETYPE. THAT'S IT FOR NOW.

THURSDAY, JANUARY 23,1975

TODAY IS EROS DAY. IT OF COURSE DAWNED BRIGHT AND CLEAR

BUT AS THE AFTERNOON WORE ON CLOUDS OMINOUSLY APPROACHED

AND BY NIGHTFALL LIGHT SNOW WAS FALLING. UNFORTUNATELY

I MISSED THE OCCULTATION (IF IT HAPPENED ANYWAY HERE) .....

MCGILL DAILY STAFF MEETING THIS ATERNOON. THURSDAY

IS STAFF MEETING DAY. THE USUAL DISCUSSION.

NOTHING ELSE OF EARTH-SHATTERING INTEREST. LET'S SEE

NOW THE COMPUTER IS DOINGNZSF - MUSIC, SIGN ON.

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I-/ID B6,IB23
 - MUSIC,  SIGN ON.
/ID B6,IB23
 - MUSIC,  SIGN ON.
-------/ID B6,IB23
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IN PROGRESS
SIGN ON  FRI FEB 07, 1975  TIME=16:39  PORT=058  RESTART=061
      ******
IN PROGRESS

 -- MCGILL UNIVERSITY: VER 2

PLEASE TYPE YOUR STUDENT NUMBER:

?

ARE YOU SURE IT'S 5115980


 - ONLY 1 LESSON PER DAY IS ALLOWED, DAVID.
        0


IN ******
 -BYE
```

SO IT IS NO LONGER IN PROGRESS/ I THOUGHT I'D TRY ONE ENTRY WITH THE TELETYPE. THAT'S IT FOR NOW.

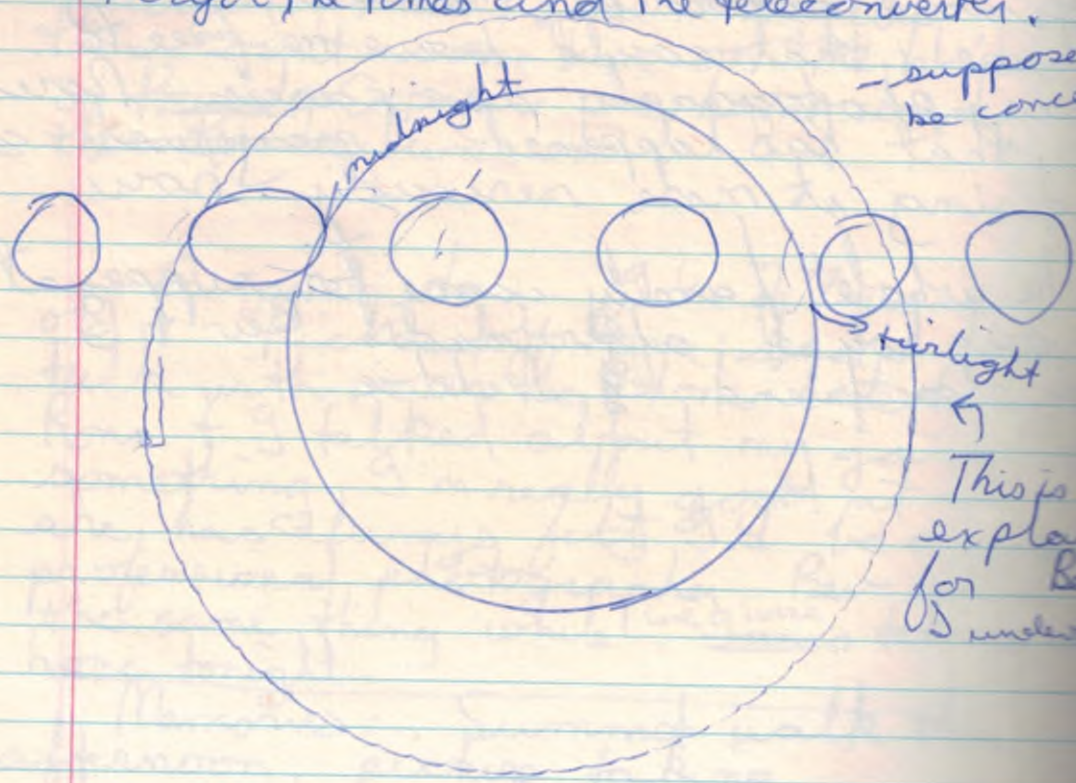
May 24, 1975 (Saturday)

Jarnac II — Eclipse Day!

5:21 p.m. What a change from February. Warm water – Bev + Peggy went for a swim. Carl + I went rowing.

7:40 – Not a cloud in the sky, and here we are at the best place in the world to observe tonight's total eclipse ~~in~~ of the moon. It's supposed to be the best total eclipse in a decade. The umbral eclipse begins at exactly midnight, the total phase a bit over an hour later. Totality is about 1½ hrs.

Forgot the times and the teleconverter.



A birthday eclipse.

45- Clear and quiet, the observing session
s. We've had a good dinner, and now
's nothing to do until the eclipse starts. The sounds
ture" (how cliché-ish) are outside - birds +
s. The full moon should soon appear over
treetops.

40- writing by moonlight. Moon full —
pictures on EX-64) at F/2.8 and 1/30 sec
UP (125) F/2.8 and 1/30 sec
and EX (64) F/2.8 and 1/15 sec.

What could I be doing now that's more
oyable? A faultless clear, warm night,
Bev + Peggy out in the boat, Carl + I
the balcony taking pictures. (Carl is
g the Lybrid at 1/15 sec at f 4.) A total
ipse is about to begin, and we have
ort row seats, the moon placed prominently
the pond.

: Tonight the sky isn't just here — something's
ing to happen to it!

11- Peg + I notice first penumbral darkening.

45- Penumbral darkening becoming quite
pronounced

58- Very dark penumbral shading.

:05- Umbra moving in fast!

:14- Sky darkening + more stars coming out
as the east limb darkens.

12:30 – Down to 1/2 moon.

1 sec at 2.8 – 64
2 secs at 2.8 – 64
1 sec at 2.8 – 125

See An experience too incredible to describe.

1:45 – This is a sight too awesome to describe. The almost invisible – greyish – brown moon surrounded by a sky full of stars – it's unreal. Even in the field of view of the telescope the Moon is (in Scorpius) is surrounded by stars. It's unreal.

2:05 – Moon occulted one star and barely grazed another around 2:01 a.m. Getting just a bit more red on the forward side.

2:10 – Exposures are 5 + 10 secs – moon reflects a bit brighter than Antares in pond – earlier the two were about equal.

L was about 1 or 1.5 on Danjon scale at mid-eclipse. Forward side getting a bit brighter. The others have gone to bed. It's quiet, peaceful, but eerie. I doubt they'll ever experience something quite like this ever again.

24-3

3:40 – Took the usual ½ frame (bottom half) to get a visible horizon.

Fourth contact is happening now – the umbral eclipse is over. There is a very heavy penumbral shading left, however.

3:45 – Mist is moving swiftly + smoothly across the pond. Easy to write entry only by moonlight.

3:51 – and at 3:45, down at the dock, dawn is coming.

So, now the sky is as it was before – a fully moonlit night – as if nothing had happened. (except for a slight darkening on an edge of the moon still visible.)

4:05 – Twilight advancing slowly. I'm getting tired now – only the very slightest tinge of darkening left.

4:08 – Is there darkening or is there not stage –

The eclipse would have been seen entirely from the dock but the balcony is much better for the camera. I tried to take good care of the camera — only one small mishap when one of the magazines fell to the grass. But I didn't even hear it land or hit and it's working fine still — so the soft ground must have provided an effective cushion.

4:10 pictures again —

Getting quite light, so I'm going to hand-grip the rest of the pictures so that only the moon gets in.

Maybe the slightest trace of darkening left.

Saw M31 rise just around 3rd contact (end of total phase) at dock.

Lots of ~~bad~~ birds again...

Picture sequence ended at 4:20.

4:33 —

I can confidently say that I can see no trace of darkening on the full moon at this point.

4:35- The sky is brightening: the moon is on the treetops.

4:40- The last trace of moon has just this minute disappeared in the trees. The eclipse is over.

Thanks, moon. You put on a first rate performance tonight.

4:50, The session is over. It was about eight hours long. I guess I could have done some comet hunting during totality but the spectacle was a bit overwhelming. (It would have been ~~too~~ too keen, anyway.)

See you tomorrow... as usual —!

Friday, June 20. 1:55 am

Jarnac III

It's been too long since we've been up here. Why so long?

We could have gone up the 30th but the bad weather kept us home. We wanted to go the 7th but the weather again was bad. And last weekend, to a party & a wedding kept us home.

But Tuesday is Jean Baptiste Day & Bev has 2 days extra off and so we are planning a 4½ day trip. Friday night, tomorrow, Sunday, Monday & Tuesday.

The moon is gibbous but the night is nice so Bev & I went out on the dock and we looked at some constellations. The moon reflecting the mist on the pond really provided an incredible sight.

I'm so glad Bev likes it up here.

3:50 am. Just outside for a short while with the six-inch. Dawn is coming. Found M-31 easily, also Mars & Jupiter, hand-held telescope. The two planets are about 2 degrees apart, in the same almost in the same field of view. Frogs are vie-bid-ding with delight and the mist is still rising from the pond.

Saturday, June 21. 2:15 am.
Barnac,

The longest day. A ~~george~~ beautiful, lovely spent almost entirely on the dock, with an supply of film, music and hash. The clouds took on really weird shapes - appearing turtles, sharks and rocket ships.

The day began when Bev pushed me into the lake, and ended with picture taking of 4 meteors (M-13), ~~Andro~~ Lyra, the Summer Triangle and ~~other~~ the moon. To complement the eclipse set I took many landscapes at ran the gamut of exposure times.

We spent lots of time on our new inflatable rafts. These are really fun for lying on the pond. Lots of fun.

A active day; its over and I'm tired.

Sunday, June 22. Saranac
6:05 pm.

Another day in the hot sun, made a bit less pleasant by more bugs than usual, made more pleasant by more dogs than usual. But neither were excessive.

Just come back from a short walk, 3 pictures. Last night (cf. last night) I took 7 Rolls of landscapes! Why so many? Just to get the right shot. Bracketing exposures may be helpful, but still, this is a pricey hobby. Residual stored effects can be costly.

---

5 to 9. The birds are singing in harmony with the Beatles. Ansel Adams is taking pictures of helicopters. Why the hell does he want a helicopter? Probably to get high. Don't get me wrong. It is a book. Camera & Lens, is really topes.

Hercules is mounted high on its trip also enjoying his trip. The world is bordered by the pond. Nothing matters but it and us.

I am. An observing session. Bev took some photographs & practiced finding things with the 6-inch; it's a hot & hazy night, also full moon.

June 27. 2:30.

Jarnac IV.

The NFB people did not think too much of the slide show. It was far too long; the music overshadowed the slides; etc. etc. They did feel that some of the photographs were remarkable, though. Constantine helped me through it and as it turned out I really needed him.

Somehow I managed through the rest of the day but I broke down at Dr. Caplan's appointment. Everything seemed to hit me all at once & and I was really upset for a while.

But now we're up at Jarnac again; Carl, Peggy, Beverley; and Carl & I have just finished a good observing session with Pegasus, Little Joe, Hercules & Arcturus (Bev's camera.). Things are looking up. Maybe.

Camp Minnowbrook

Tuesday, July 22nd. 9:20 am Wed.

Sunny and nice

A short drive down to camp and here we are — for my third official visit to Camp Minnowbrook.

I've been taking some pictures but most of the time I've been just talking to people. It's Olympics now, and last night they played Human Telegrams, with the each kid carrying a letter, the object being to see who can be the team answers a question first. They used 2 questions I had written up ages ago — Who is the Prime Minister of Canada, and — what is the name of the brightest comet of 1965. (Ikeya-Seki.)

The astronomy counsellor, Mark, got canned a kick out of Smory't message. After his OD we had an astronomy watch, which I sort of blew over. I wasn't my best, finding Messiers & double stars with ease which. They (Mark) said it was the best time this summer they had had much. He's an indoor astronomer, much, as he says, of an actual I even found them M-gel(?) it shortly after we decided to it a night.

It's kind of nice being "astronomy counsellor" again, if even for a short while.

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Sat.

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nfinite
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...ion by Beverley for Skyward

...cheaper, it was quieter, and it ca
...plete with tables, barbeque pits and c
...room facilities. We recommend it
...if we're not going to give you the
...ess until we have our reservations
...firmed for next year. And so it goes...

Friday nite

We got to Breezy Hill around 8 pm and
...ptly set up our prized entry - the
...an telescope. It drew a large crowd
...to me, the most comical sight was
...looking through the eyepiece (Bra
...) and expecting to see something
...ow much can one see with a wrinkle
...tin foil for a diagonal? However,
...editor had spent a good 3 hours
...nite) ~~on it~~ to transform the thing in
...ortically operational model, comple
...adjustable mirror, eyepiece & fo
...al length of the telescope was ft 3 inche
...rance was listed to a millionth o
... Needless to say, it was a
...ccess. And so it goes.

There were a few other telescopes being set
...at the same time and some of them
...ked real interesting. I did catch a
...se of another telescope built along
...ilar lines as ours - composed of
...coffee cans glued together. How
...effect wasn't as good ~~because~~ as the
...had chosen to paint the cans
...k (perhaps in an effort to disguise
...e origins.) —

by Beverley for Skyward

and this year the sky matched for clarity. And so it goes...

Saturday

We arrived and officially registered on, much to the amusement of regulars + one judge who happened to be on the scene. The balance of the day was spent in showing off our wonder, photographed, interviewed, questioned. Our spirit was good and, towards the day we were a happy bunch.

Reaction to Sm + T

The reaction to our newsletter was fantastic. Almost everybody on the other had or had access to a The only negative comment came from a earringed gentleman who felt he had raked his "life's work over" We are sorry we offended and hope that all staff at S+T take our little spoof in it was intended.
So it goes...

Walter Slott Houston

Stellafane just wouldn't have been Stellafane without the presence of Slott Houston. He is simply

Written by Beverley for Skyward

After the slide show came the prizes — once again, Canadians figured prominently - congratulations Ralph Rolf!!

The Ending

So Saturday night gave us a chance to see Comet Kobayashi - Berger-Milon through 20 different telescopes. That was a treat! Although it is naked eye the telescopes gave us a good view of its skinny tail. The clear sky enabled me to try some trails + regular shots with my own camera.

Lots of cameras there! And its good to see as many Twin Lens reflexes as there were. I guess that people who really are into optics are aware of the capabilities of the +lr.

The trip home was a let down - the weekend had been so...o...o good that no one wanted to leave. But we did. And so it goes.

30

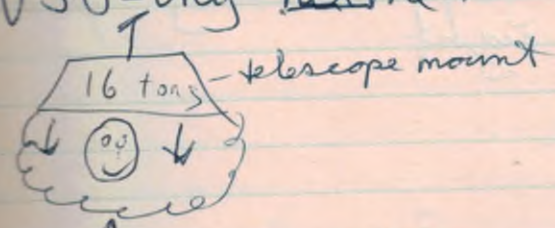
Saturday, August 16 Clear
10:30

Jarnac - 6

Up again with Gerry, Audrey, Joey and Anne - and of course Beverley; yesterday we went to La Poudriere with Alan and Paula and Camp Groebrook - the play was good all apart after intermission - and Constantine + I took two to the observatory - and on Sunday C + I cleaned out the flat and here we are.

Overall day, dry, just pleasant - fitting end to a busy week. But cloudy and our lunar observation had to stop.

I got to get back into observing on a regular basis. While showing (Joey's wife) the moon, the idea of VSO-ing hit me.

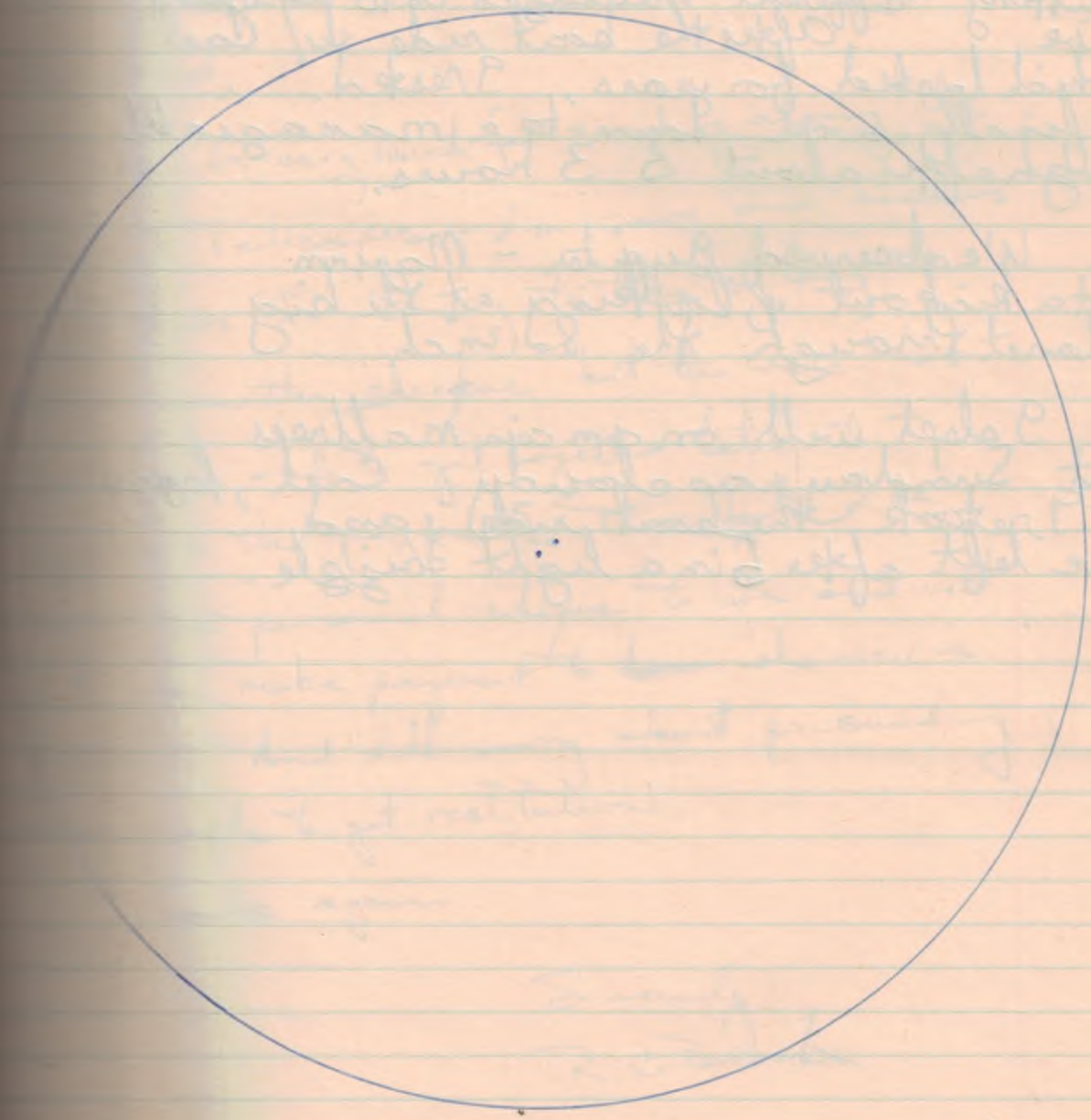


After all, I am an observer!

Saturday, August 23.
Date

Observer - david + carl
Telescope 8-inch, 5½ low power

Location: Jarnac



Just 2 spots, little ones, near the centre of the disk. It was a beautiful day until around 5 when I completely tripped out on some extremely strong hash that Marvin gave me. ...

SATURDAY, AUGUST 30 5:15am

Cygnus

Nova Cygni 1975 = 1.6 to 1.7

α 1.26

δ 2.9

γ 2.2

η

ε 2.4

ο χ

β 3.1

NOVA CYGNI 1975

21:15 - Beverley and me, Phil, Debbie and a friend, ~~go~~ get out of car at ~~to~~ Bev's house. On the drive way I look up to see that Cygnus has an extra star. My initial reaction is that it is a slow moving satellite. The others go in as I ~~am~~ go in I look again and note that the star hasn't moved at all.

21:53 Yes it's a nova all right - almost as bright as Deneb. I show it to the others. Beverly still isn't feeling well, so she decides not to go with me to the observatory.

~22:40. Arrival at observatory. The others hadn't realized. Leo and Gordon had wondered, then dismissed it. Everybody runs up or out to look at the nova.

23:05 Mag. estimate 1.6 or 1.7. Telegram written out by Nora.

00:00 Nora, Leo & I arrive at telex office and send wire to IAU.

00:30 at home, I show mother the nova. Two people have phoned (while I was out) about it. Mag. est. 1.7.

02:15 At observatory again. Mag. est 1.7. Photographed nova; camera on tripod, then piggyback on Celestron.

04:00 finished snack at Harvey's, taking Nora home. Mag est ~~&~~ 1.6. Once home, I observe alone with camera, telescope (6") and binoculars for over an hour. At 4:50 I estimate nova again at 1.7, send letter to I.A.U.

30-2

The feeling was puzzled at first, then one of shock and disbelief. There, just five degrees North of Deneb, was a new star. Surely thousands have already seen this nova but I was late - if it ~~was~~ were visible last night I couldn't have seen it through the clouds + rain. Tonight the sky was dark for about an hour before I casually looked up to be surprised by this celestial newcomer.

The first people I saw at the observatory parking lot were Boyd, Gordon + his brother. I told them there's a bright nova in Cygnus, and they dashed up the stairs to the ob field to see it. Leo + Nora simply didn't believe me until I said that there is a nova in Cygnus of about first magnitude.

Yesterday I carefully bought Beverly a get-well present - a jade ring. Tonight the sky sent her a get-well present too.

A real nova!!! Not 5 degrees from Deneb is a bright star!!

SUNDAY, AUGUST 31. 2:50

Clear, warm.

The nova is fading rapidly - tonight at midnight I estimated its brightness to be only 2.4. But finally I got out into the country. Beverly and I drove out to a roadside point about 3 or 4 miles from Ste. Thérèse, on the a ~~St. Jan~~ road to Ste. Monique. The sky was reasonably dark and the ~~a~~ rapidly declining nova was now only another part of the cross, only as bright as the other stars (excluding Deneb). We took lots of pictures, then looked at Mars + Jupiter before heading home. We were there for about 45 minutes; we finally got home at 1:30.

This afternoon we drove part way + walked through high brush, around fences and under expressways to Expo. We visited France, Greece + Switzerland; on the way ~~some~~ back to the car we met ~~some~~ an interesting couple from England.

Bye for now.

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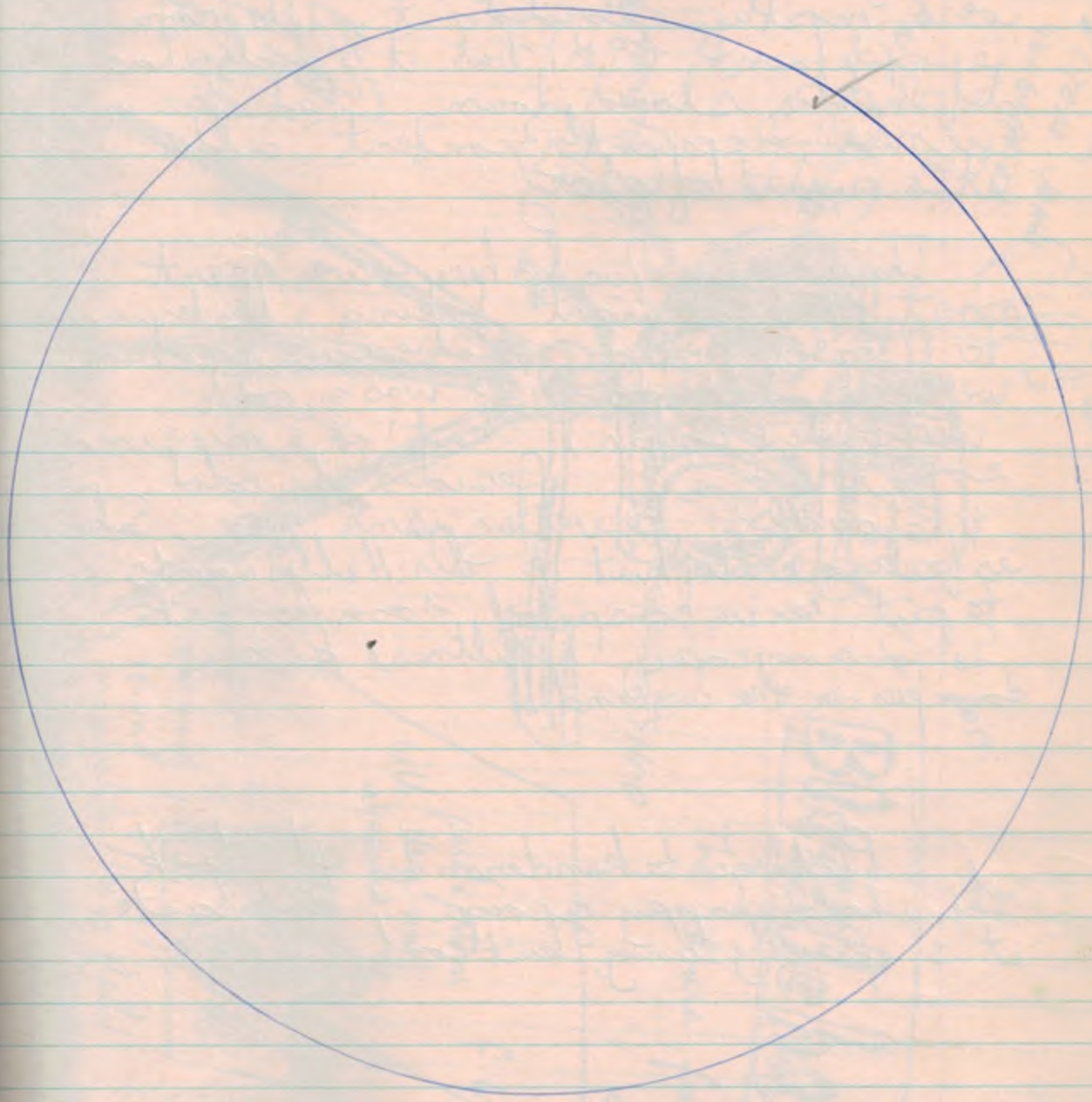

13-2.

Saturday, October 4. 3 am Sun.

For one hour (1:45-2:45) I observed with the renovated Little Joe, to be nicknamed the "red one". It's been red for years, actually. We:

- estimated the nova at 7.6.
- got checks of areas 40 and 23 and 31.
- (done check.)
- a view of Vega, Deneb, M31, M32, M42 and M43, and Alberio.

Inaugural view was of Vega. The telescope performed better + sharper than I've ever seen it. Beautiful wisps in the Orion nebula!

—

Beverley today took a definite turn for the better. She's much more ~~chipper~~ lively. Tonight I showed her the slide show. My 1974 trip + we started on a joint slide show that will document our first summer together.

—

Sunday, October 5.

A drive with Beverly, Debbie and Phil through Vermont to admire the fall foliage occupied most of this sunny day. We also ate a good supper out - the first time Bev has been out to supper in ages.

Who knows what tomorrow will bring? Do I work or not. My guess now is no. I've worked only 3 days since beginning this financially disappointing job.

And tonight, another highly successful observing session:

- Estimated the nova at 7.5, a bit brighter than last night.
- Another 15 minutes of comet hunting in the Pegasus - Aquarius region.
- CN-1 areas 40 and 23 to 5th mag.
- CN-5 - Dome check.

—

Talk of my conversation with Dad today about what I want to do — photography, writing, etc. etc.

Subst. teaching is just temporary. He felt I wasn't happy since I had nothing to do. He's partly right, because I have a part-time job.

Bev suggested that we open a store together.

Discussion of my restarting observing. Finally getting back into some useful observing again.

That I'm starting observing seems to indicate that my mood is settling down. A good sign.

C. You've described something that you've handled with an equanimity that you've never had before. re/talk with father.

2:15am Watched TV + talked with Beverley tonight. Quite cold outside. I just finished about an hour's observing under a partly cloudy sky. Nova = 7.6 mag.
CN3 = 15 min.
CN1 = areas 40 + 23 to 6th mag

Tuesday, October 7.

The fourth straight clear night resulted in these observations from 0130 to 0215:

Nova down to magnitude 7.8.
CN 1 areas 40, 23 and 16 to 6th mag.
CN 3 - 15 minutes in Orion and ven.
VZ Cam at usual 5.2.

I've now done a full hour of comet hunting this week. A bit warmer than last night but still cold at night.

Beverley and I put a shelf up in her kitchen to hold the plants.

Wednesday, October 8.

3:45 am. After Skyward was run off I took the red one outside the observatory for a 45-minute observing session which included:

CN-3 15 min. in Aquarius + ven.
CN-1 Areas 40 and 23, to 6th mag.
Area 16 to 6th mag.
Area 31, to 4th mag.
CN-5 Dome check, to 3rd mag.
Nova Cygni has dropped to 7.9.
and a look at Jupiter with the Celestron.

Finally Skyward is out. I wrote 2 articles about Nova Cygni, and a short article on the Ottawa Centre's picnic. (the one with the cops.) And, after a snack with Nora, I had the oil + oil filter change on the Fiat.

Appt with Dr. C. this afternoon →

Talk of about writing Si He not hau — Be ta — h

2:1. cold out under a partly cloudy — CN1 = [illegible]

Thursday, Oct. 9.

Beverley "feel(s) like a human, a person again"; and we're looking forward to this Thanksgiving trip to David + Donna.

We visited Debbie + Phil.

And just now, a ~1 1/4 hr observing session.
CN-3 - ~~the~~ 1/2 hour, U Mu + vcn.
CN-1 - area 16 to 6th; 31 to 4th.
Nova Cygni is up a bit at 7.8.

Other than all that, 'twas a dull day.

Tuesday, November 18. Clear, warm.

12:30. A new battery gives life to the old fiat. But we're 2 hours behind schedule so we're doing only essential mail. I'd like to see at least part of the eclipse (if it's tonight) and we're supposed to do some clothes shopping ~~to~~ late this afternoon also.

Tomorrow is Wednesday night — time to visit the Centre again.

A warm November day! Wish the strike would end.

Now, with Peerless, (paying $35/week) we have 9 companies.

---

10 am. Wed.

The eclipse in November was a long shot at best - the cloudiest month of the year, offering the poorest in predictable clear skies. ~~Even~~ So even on a clear ~~so~~ warm day like Tuesday, ~~we~~ expected only an even chance that ~~there~~ we'd see any eclipsing at all.

Sure enough, when I met Beverley at 4:45 to go shopping for a suit (we found one!) the sky had clouded. But on the way home from Beverley's place ~~at~~ an hour later I caught a glimpse of moon — just a sliver reappearing after totality. The moon kept on disappearing behind clouds.

I got home, set up binoculars and camera and took some photographs. More clouds brought me in to dinner, but

by around 6:45 the clouds began to give the eclipse a better chance. I began a sequence of pictures every 5 minutes as the shadow raced across the moon's face. I also set up the telescope (the trusty 6-inch). At around ~~third c~~ the end of the ~~p~~umbral phase I took ~~f~~ five pictures per frame every half-minute or so. The results might be interesting (but since I may have had the setting wrong, maybe not.)

And around 7:05 the eclipse was over! As the penumbra got lighter and less distinct I turned the telescope to Nova Cygni and found that it had faded to 8.9. By 7:35 the moon was practically back to normal and I went back inside.

—

At 7:45 I went to Beverly's house. We talked for a while about ~~t~~ a short conversation she had with her parents today. They feel she ~~st~~ has a tendency to avoid problems. They're also concerned about whether I will support her once she's married. They also have the wrong impression that I can't be away from my family, which would preclude my living away from Montreal.

—

Back to the eclipse. This was certainly not the event of last May. Totality was much shorter, the eclipse began before moonrise, and as I said, November is November.

But this eclipse has meaning too.

Stig an astronomical event that pregedes only four days the announcement of our gagement. ~~It~~ Eclipses can be good ons too.

And it is an eclipse that I wasable to serve. A surprise eclipse – I should we checked beforehand, instead of just essing on the date, but this is hat happened this time. The eclipse happened a very hectic time for me and still I saw it.

November isn't observing time, but the eclipse was welcome anyway. It was a pleasant observing session.

Sunday, November 23. 10:30
Clear, cold.

A weekend of excitement and joy, of smiling faces and enthusiasm. While I admit my entry of yesterday did not reflect this, the whole ~~too~~ busy weekend was one I will fondly remember.

On Sunday, we visited Lil and Max Sobel. After all, it's her fault this whole thing happened so we went over there with flowers.

Tonight's dinner at the Montefiore club was better than we had expected. Gerry went out of his way to make Beverley feel at home and she seemed to enjoy herself. Mom and Dad gave this dinner for us, and Bev's parents, ~~Marv~~ Marvin and Annie, Joyce & Larry and Gerry and Audrey were there.

And this afternoon, Mom and Dad gave us their engagement present — a ~~go~~ cheque made out to Beverley for one thousand dollars. We are going to use it for a soon-to-come trip to New Orleans and the out-islands of the Bahamas.

After the evening was over, and after Monty Python, I set up the small telescope for an observing session. The results:

Nova Cygni - 8.9 mag.
CN-1 area 31 to 4th mag.
16 to 6th mag
CN-3. UMi and vicinity - 15 mins

SUNDAY, DECEMBER 14.
10am Monday.

Mother phoned Grandma the other night (the same night we went out to the Lonchartrain Hotel for supper) to say that Ethel had been able to confirm our wedding date at the Temple Emmanuel for Saturday, October 23.

A quiet beach with only 2 groups of people on it — us and one other group of three. We spent the whole day swimming ourselves — I'm reading a book called Slan at the same time. It's about a futuristic world where a three-cornered war is going on between slan, kindrilless slan and human. The slans (true slans) seem to be the most interesting "people" so far.

Mr. Cambridge drove us up to the beach at 10 and away at 3, as the beach is 1½ miles away from our apartment.

Tonight we took a walk, wrote letters + read. Later on, for over 1½ hours I observed, concentrating on the southern constellations. I saw Vela, Canopus (+ other parts of Carina) and the stars just above the Large Magellanic Cloud. The cloud is just a bit far south for here. I also saw the Big Dipper rising out of the northeast — and Polaris, at a very low altitude.

Friday, December 19. Gregory Town, E
3:20 pm. Cloudy

First, two notes:

1) Two nights ago and last night I talked in n sleep, and Beverly wants me to write about it here. She can't remember what I said, except for one thing, t first night: "We got to do something about the pussycats."

- and -

2) Last night's observing session was short and sweet. I can hardly stand up or walk. I did get out on the balcony however and managed to identify some constellati

Traced Eridanus the river from λ, its source near Rigel, to Archernar, its mouth.

Horologium, a mass of faint stars that don't come close to resembling a clock.

Caelum

Columba, the dove (?).

Today has been slow. I haven't done much besides read Clarke's "The Lost Worlds of 2001" and I haven't been able to move much. Beverly has returned from a two-hour walk she took south of Gregory Town. Now I'm going to try to walk around a bit.

—

Thursday, December 25. Gregory Town.
12:38. Sunny.

We're at Golding Cay Beach again - our favorite, because it's almost completely private, the water is quiet and everything seems at rest. It's a good day - I think it will end up being a much happier day than yesterday.

11:30 pm. I'm reading a fascinating book - The Inverted World by Christopher Priest about a city that is always moving through countryside - but we don't know why yet.

Today was one of our better days. After sunning ourselves at the beach we visited some rocky points on the East side - Boiling hole, Glass Window, and the Bridge. This island has to earn its peace. While the west side shows quiet beaches the east side has cliffs that are forever being smashed by ocean waves.

And tonight I took an hour-long walk under a very clear, moonless sky. W Cyg is at 6.4. (3 standards used this time)

Cn-1 Area 31 to 3rd mag.
Area 16 to 6th mag.
Dome to 3rd mag.

The ecliptic crossed almost overhead, with Saturn, Mars and Jupiter marking it. In the Southwest a very distinct zodiacal light triangled its way up the sky. Three Geminids - 2 naked eye, one in binoculars. (I think they were all Geminids.)

12:50: Another hour of observing: one meteor, a fat milky way in CMa, and Z UMa estimated at 8.5 in binoculars - that's a record for me. I used 8.0, 7.6, 7.2 and 8.6 as standards. ✓ + 1 pic of Orion

SATURDAY, DECEMBER 27. Gregory Town.

10:30am. Last night's observing session consisted of three parts. The first of which was recorded in yesterday's entry. I woke up at 2:00am and went out to find a very clear sky. Geminids were falling, and the sky was beautiful; the
1:20pm) weather was still warm + a bit humid. But the stars I wanted (Crux) still either had not risen or were behind low clouds in the east. So after 45 minutes (or ½ hour) I went in. At 5am I woke up again. This time much of Centaurus was up, but Alpha + Beta were still too low. I could see 3 of the 4 bright stars of the Southern Cross. Alpha was up but managed to hide behind a cloud while I was out. More Geminids, fast ones (one was first magnitude) + Venus had risen. But before the cross could get much higher the eastern sky brightened, and at 6 I went in, had a glass of orange juice, and went to bed.

So to see Alpha and Beta ~~Centar~~ Centauri, and the Cross in all its glory; we'd have to be here in summer. Or, of course, a little further south.

We are now on a large, deserted beach near (right near) Governor's Harbor Airport. It's not the busiest airport in the world; since we arrived no one has been in the tower as far as I can see and no planes have taken off or landed. It's beautiful here, + peaceful.

Weather coming today from the west.

hink I will remember this trip very
despite the one week a which was not so
after the accident. It's been fun;
Town is an interesting, if sleepy, place and
of us learned a lot about living with
ther. It's been a good trip. Still a week

Plane's just landed.

Taken off again.

Gerry + Audrey leave for Jamaica; and
ara has given birth to a baby girl. Spoke to
nts last night: Montreal just had an
ich snow fall.

Some have missed two of winter's
d parts - a cold snap and a
nowstorm! Beverley's been building
meteor crater.

0:50 pm.

We had a good dinner at a little
taurant just north of James's ~~Goo~~ Cistern.
roposed a toast "for Beverley, to write
publishable sci-fi story, and for me,
discover a comet in 1976."
And a short observing session under
rtly cloudy, very humid, sky - area
to 3rd and 16 to 6th. Dome to 3rd.

Let's get a good sleep tonight. Good-
ght,

DECEMBER
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But I really do feel that the past few days (as opposed to the days before that and following the accident) have gone much, much better, that there was an easing of tension. But we don't just want détente. We have to be able to communicate, and if we can't do that we'll never solve problems.

If we can keep the level of communication that we had up till my accident going I know things will go well. And you are right that this trip has been an education. And except for the time in question, I think it's been fun.

Just like my education as an english major .... what? Yes, that's right There's nothing so odd about that ?!?!!

Whoops sorry. No questions.

love david

—

10:40pm A quiet day today. It was cloudy, + we were both tired. We read (& wrote) this morning, and this afternoon we took a drive. This evening we had a really good dinner at Stubby's. I ate Conch again. I love it. And I've just returned from an hour's walk. It has cleared up. One of the most thrilling things I've seen here is the way Orion completely dominates the winter sky. From when it rises on its side to when it is overhead, it really is something to marvel at. Anyway:

CN-5-Dome - 3rd
en-1-16-~~5th~~ 6th
31 - 5th.

Bye!

28-5

Tuesday, December 30. Gregory Town,
Midnight
Partly Cloudy, clear at night

The day began when I decided to walk out, in the water, to a point west of the North Eleuthera bridge. I'd get a picture of the bridge with calm water in front and a raging sea behind. Occasionally the waves went right over on to the other side. But it was too dangerous so I abandoned the idea, settling instead for some pictures of the area. ~~D~~ C (where A = space under bridge, above rocks; B = Bridge top; C = South part of island; D = North part.) That's what it would have looked like, with big waves + spray seen through A.

After that we went to the surfing beach + played with the high waves. We smoked some good grass + it was all quite exciting. Later this afternoon we spent some time at Golding Cay beach; the tide was out + I got some good ~~rock~~ pictures of rocks + water. This is the quiet side of the island - the Caribbean side.

A good conch (pronounced conk) dinner at Stubby's. ~~Before that~~ The conch tastes a bit like veal, only much better.

I observed for a total of about 3 hours tonight. Before dinner, I got some variables, afterwards Beverley + I took some pictures. It was a really successful session:

R Lyrae: 4.0 CN 1 areas 40 - 6th mag.
AF Cygni: 6.6 (all with binoculars) 31 - 5th; 16 to 6th.
After supper:
VZ Cam (unaided eye): 5.1
Photographs:
80mm: Orion, Canis Major with Canopus; Canopus trail; U Ma rising (still plus trail) M31, M-45, Road and northern Andromeda trailed, 250mm: Praesepe.
500mm: M45, Double Cluster. Beverley says this is her best session since May's Eclipse at Farnac. ✓

00:15. Happy New Year! Here in Gregory Town the church bell has just chimed over and over, and Orion (overhead) etc. etc. Otherwise 1976 has come in very quietly.

The dinner at the Arawak club was good; on the walks there + back we went through very dark countryside and under an extremely clear sky. Orion was no less a master of the winter sky than usual; his belt, sword (!) and whip (on hip right side) plus the 1000s of stars inside the quadrilateral rarely present a spectacle. And a meteor fell right through it!

The total walk (part way there; [Mr. Cambridge ~~took~~ ~~us~~ drove us the rest of the way] — and all the way back) lasted about an hour and a half. On the way there the zodiacal light outshone the milky way. On the way back all was black; except for a milky way straddling overhead through lots of stars.

Anyway we're drunk, stoned and enough of this.

— 30 —

P.S. 01:15. I've just come in from an observing session: 3 variables:

AR Cephei 7.8
RX Cephei 7.4
SS Cephei 7.6

Thursday, January 1, 1976. Toronto. Cold,
11:40 pm. clear.

No more warm weather, the sun set a bit earlier than yesterday in a clear sky whose temperature had fallen by almost sixty degrees. Can you imagine, when we left Nassau, the temperature was about 80°, here it is 20°.

Our day began with a final observing session — a quick look at Venus in the brightening sky. We were taken to the airport by a mad taxi driver, boarded a tiny wind-powered glider ~~and~~ which somehow ~~for~~ found its way to Nassau, via Governor's Harbor, despite the services of the ticket seller & taxi drivers who doubled up as air traffic controllers.

Nassau was disappointing — messy from New Year's festivities, ~~to~~ the only activity was in some hard-sell open air souvenir markets. The beach drive, however, was nice.

We then spent some time at Nassau Airport. We bumped into the people we gave a ride to yesterday. Hope we'll meet them in Montreal some day. Finally our Air Canada plane took off for Toronto, and three hours later we were here.

And all this on about 5 hours of sleep and no (thank god!!) valium. What I said in yesterday's entry about quiet New Years Eves in Gregory Town didn't wash. About 1:30 or 2 a band, complete with bass drums, started to play loud marches. I listened to this for about half an hour, before falling asleep; Beverley heard them ~~too~~ a couple of hours later. It's apparently a Bahamian tradition.

But we were sorry to leave Gregory Town. ~~It's~~ It's a lovely place.

Friday, January 9. Clearing, Colder.

Thought I would get up-to-date (Carl!!) a sudden burst of energy, waiting for temporarily clouded sky to clear, did it.

Well a week home.

Beverley's week at work was alright - she'll get used to it - too early to say if she'll enjoy it.

10 nights without ANY sleeping medication. good news - the first time in three and YEARS (Holy Christ) that I've been off especially sleeping - medication.

Supper tonight with Gerry, Audrey, Joyce + parents - Beverley came afterwards. Asked Gerry if he would be my best man at wedding.

Spoke with Constantine on the phone (Is anything so odd about that?) I lost my handbook - the other's hadn't arrived and needed to give one to CFCF + TV for weather department. OK for now. But I'll need one soon.

This year's big solar eclipse - visible in Australia, to be visible on October 23, the day of our wedding.

- Did not think I could still do it. It's 7° below zero outside, + there is a strong I have just comet hunted for fifteen, plus a dome check. Bye!

Saturday, January 10. Montreal.
2:24 am.

Yet another 15-minute comet hunt, and dome check just completed. About 5 degrees below zero, but at least no wind tonight. Earlier, at the observatory, I observed with Leo - he took a picture of ~~Leo~~ the moon. Tonight was my turn to give a talk at the observatory. Beverley was there too, of course. My subject was Meteor Observing and Meteor Societies; The thrust of the last part, of course, was ~~a~~ towards the American Meteor Society. After everyone left Nora showed us her fantastic little animated cartoon title for the telescope movie. While Leo + I were in the dome, Beverley + Nora talked downstairs.

I watched Star Trek early this afternoon; then we went to crowded Place Vertu where we fought away the rude crowd to do some shopping. We bought a carrying cage for Tigger.

And that's about all for now - get a good night's sleep, so that tomorrow I ~~wro~~ won't write in such short sentences.

Tuesday, January 15.

Still cloudy. Still cold. Beverley + I shopping tonight and we bought Wendy instamatic camera for her birthday. ~~Ro~~ And then we went to Fireside Restaurant to eat.

Marvin has offered us his car (formerly our car) while he is away in Florida. So we've ~~decided~~ take it to Toronto when we go next week. ~~Also,~~ To pick it up we drove Marvin + Annie's new house - a farm house. Marvin, after four days living there, a new self-styled expert in country living, entertained us with his pronouncements about "this is the way they do things in the country" and "when you start something in the country you have to finish it." This was a prelude to Beverley having got the car stuck in the ~~mud~~ then ~~I was~~ she asked me to go out to use the tractor pull it out. (I was out anyway seeing what possibilities the site had for farming. It was very hazy + there was an almost full moon so I couldn't tell much.)

Sunday, January 18.

More observing tonight, again under temperat of about 10 below F. Once again it was a battle between the fogging the eyepiece and breathi A compromise was finally reached (with a loss o breathing) and I finally estimated Nova Cygni a very faint 10.2. ~~Th~~ Then I looked at V2 Cam (5.1) and since I'd been out about 1/2 an hour I rushed inside.

This afternoon we visited Ed and Max; had an interesting, relaxing afternoon ~~relaxing~~ talking and showing off our cameras. Tonight we cleaned up ~~at~~ her parents house.

This cold weather is not favourable for observing variable stars. It is simply too easy to fog the eyepiece, especially when there is a breeze.

Saturday, January 24. Clear, wa
Clouds at
5:20 Monday.

An evening, and preparations for the evening, you
the order of the day. We got a brand new heater for
waterbed (free) a new set of linens, a new liner, my pa
and some food and wine. (Royale de Neuvean, a
rosé.) The weather was still cold (about zero) bu
* compared to yesterday was balmy.

So tonight, being hockey night in Canada,
devoted to watching the game. We had a little
gathering at Beverley's apartment. There were Phil
and Phil, and Carl & Peggy. The four of them
seem to get along well together. (And Montreal wo

And as the evening went on the sky cleared an
it got colder. It was about 5 below (F) when
we all went home. Clear, though, and no
wind! I set up the 6-inch and prepared for
some comet hunting. But the 4th magnitude
stars I use in the little dipper to check if the
sky is good enough for a hunt were not
really visible, so the programme was switched
to ~~do~~ variable stars. With the telescope
on the east side of the house, by the side door,
and with no wind, the work went much faster
= in fact I found and estimated R Leonis in
5 minutes:

R Leo	9.1
R L Mi	7.9
Dome	2nd mag.

Now last night the ~~sky~~ air was so cold + so
windy that I went out only with binoculars
and stayed for 5 minutes. It was about
15 below.

Dome to 3rd mag.
VZ Cam 5.1

...ion of land.
... brings up ~~and~~ D. Rossi's offer of a site.
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...yward.

...enry: Do we need a Skyward?
...ne: Many of our members get only Skyward.
...stantine: We don't offer much to these
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... the new telescope. Nora doing too
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...t there.

...ustees: Henry resigns; Nora
...s me as a trustee; Carl seconds. So
... of Centre are Constantine, Walter
...

...ion that Board of Trustees decide what
... supposed to do.

...enry talks of insurance.

...t Meeting: March 4, Thursday.

...5 a.m. Observing session with six-inch.
... good part of the evening.
... Cam = 5.1
... Leonis = 8.9

Thursday.

Discussion of land.
D: brings up ~~and~~ D. Rossi's offer of a site.
Discussion.

Skyward.

Henry: Do we need a Skyward?
Nora: Many of our members get only Skyward.
Constantine: we don't offer much to these members if Skyward is not sent out.

Hassle about ~~the whole~~ why grinds then on the new telescope. Nora doing too much telephoning.

Nora's upset about no grinding but doesn't want to join the telescope committee.

Discussion of Leo, kind of useless since Leo wasn't there.

Trustees: Henry resigns; Nora nominates me as a trustee; Carl seconds. So trustees of Centre are Constantine, Walter and me.

Motion that Board of Trustees decide what they are supposed to do.

Henry talks of insurance -

Next Meeting: March 4, Thursday.

2:30-2:45 a.m. Observing session with six-inch. The only good part of the evening.
VZ Cam = 5.1
R Leonis = 8.9

Friday, January 30.

12:45 am

Almost everyone agreed that last night's meeting was kind of useless. Few seemed to care about what is happening to the centre. No real decisions were made. Some questions were asked, however - do we need a Skyview? Do we need aluminizing equipment? A 20-telescope? Members?

Anyway, I picked up a beautiful picture of Ms. Beverley Fox this afternoon. It now graces the inside front cover of this journal. Tonight we did ~~so~~ her shopping + watched television.

Yesterday was cat day! I took Mr. Smoke ~~too~~ much in for his shots; then Mr. Tigger-Tat. Smokey ~~bare~~ being a curious kitten-cat, didn't complain until we were in the car. He wanted to know where we were going. Tigger didn't want to get into the cage but with gentle persuasion and the help of a hospital-approved cat tranquilizer ~~for~~ he got in alright.

3:20 am. A 45 minute observing session with Pegasus!

Dome to 3rd.
CN 3 - 15 cold minutes in UMi + vicinity.
2 UMa = 8.9.

0° F.

C. The important thing now is to try to resurrect your creative drive, rewrite it your novel. The filing of slides doesn't satisfy me as much as an orderly approach to a learning process.

D: That would be getting the rust off my academic abilities. Or helping, anyway.

C: Whatever depression is the ~~ap~~ antidote is a state of being ready to work, with discipline coming from the self.

(Mon)

The observatory again tonight, and a much better night it was than last night. Bruce and I (+ for a while, Nora) observed through the 8-inch celestron - it is poorly balanced + the eyepiece did not give a wide field, but we were out for an hour and a half, from 9:30 to 11. It was about 0°F 76-14 E and windy. I got R Leo at 8.6, Z UMa at 8.9 and (R ~~L Ma at 7.5~~ - No) I tried RLMi but the field was too small.

76-15 M - a three minute session, looking at Polaris through Pegasus, to show Bruce Foster + others how fast this 8-inch could be setup. We had spent at least 20 minutes opening the dome for the celestron.

76-16 M. a 20-minute session, again with Pegasus, which included a look at Jupiter and (at last) RLMi at 7.5.

Friday, February 6.

It cleared up! And it wasn't too cold. And I thought it would be a good idea to get some estimates of variables, SO... after driving Beverley home and buying paper & valentine cards at the Black & White, I set up Pegasus.

76-17E. The two ~~positive~~ positive results from this session are Nova Cygni (at 10.4) and RX Cephei (at 7.3.) It was difficult to get both these estimates - the Nova, especially, is getting quite difficult to observe.

Beverley came over here tonight to watch TV. We finished the cleanup of her house, but at considerable expense: I got asthma which kept me up much of the night. (The asthma, & the medihaler.)

76-18M: early this morning I set up Pegasus again and observed RX Cephei at 7.4. I tried for SS Cyg but a cloud moved in...

Monday, Feb. 9.
Wed.

It's a new week, with better weather than last monday. I did some shopping this afternoon for Beverley. I bought her ~~some~~ a ~~bo~~ board top for the table in her living room, and also a brand new kitty litter box for the fat cat and the kit-and-caboodle

Tigger tat the fat cat. oh, yes.

A kitten-caboodle kitten cat.

So there. Tonight Richard came in from Toronto. We ate dinner together & then he drove me to Beverley's place where, after he left, we watched TV.

Later tonight Richard and I went out for a bite to eat. I talked a blue streak about my back-to-school plans. We got home at ~~11~~ about midnight.

76-19 M. I set up Pegasus and Little Joe for teste; the 32 mm erfle that I use on Pegasus worked very well on L5, giving an enormous field. Pegasus' 8x50 finder gives much ~~more~~ fainter star limit than the 6x50 finder I use on Little Joe. What a difference 2 power makes! I estimated AR Cep & 2 others. Also, I looked at the VZ Cam field through the main instruments for the first time. I've been looking at this star since 1966, tearlier in my comet hunt. Now I'll use it to inaugurate the new telescope when it finally arrives. It wasn't too cold out either!

The sky finally cleared up today, leaving us a sunset a very ~~clear~~ pretty sky under which I walked for a while. My walk covered the usual route, the tyke, and I took some pictures. Venus was high in the west, and the quarter moon was overhead. The apollo-16 astronauts should be there by now.

Everybody at home is elated about my acceptance to Toronto, or at least I get that impression.

A 10-minute observing session tonight at midnight. The slight haze makes the sky look like a plastic bowl, with no depth to it.

Saturday, Jan. 12.

2:30 Sunday.

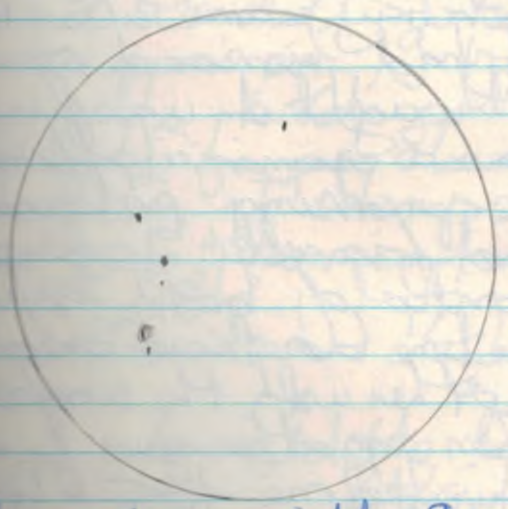
The Bob Dylan show with the Band was simply incredible. It was an experience happy interesting and thoughtful. The most intriguing moment was the last song, "Like a Rolling Stone", which had everybody (almost) on their feet, singing, shaking and dancing. A boy & a girl in front of us were smoking very good-smelling grass and he was pouring booze from his flask down her coat and she was generally enjoying herself. There were about eighteen thousand people there.

Earlier, Mr Levi and I drove out near Hudson and looked at the faint Kohoutek through the ~~10~~ six-inch telescope. I found it without much difficulty and we could dimly make out a faint tail. The policeman who stopped couldn't make out anything.

Monday, March. 13.

David's 22nd Birthday.

Last night I read an "essay" in Time on the new cult of madness and it annoyed me to the point where I wrote a letter to Time about it. It isn't a bad letter but it did get the bother off my chest. The only purpose to what is undigined.



5 pm.

A most exating night. I ~~started~~ got my slides of the ice storm & they are beautiful. I started to show them to Tim Tsaak.

I finished my Keats paper this morning. Dr. Bowen has it under his door now. It did not take long to type & Bud checked it afterwards for the paper.

Anyway, to get back to the slides. Kikot came in and threw some water in my waste-basket, so I ended the show and went out. I had left the fire extinguisher out there to be ready for use but they hadn't

February 20, Friday. Clear.
2:05am Sat.

Mira Day

A whole day devoted to picking up and testing the new telescope. I left the house a bit after 11:30 and took the bus first to the bank for money to pay the duty. Afterwards I used another bus to get to Jasco, where I picked up some photographs, and Fox & Walker where I dropped off some mail + said hello to Marvin who, in return gave us some hashish. Next stop involved dropping off some ~~letters~~ bills at Sidney Benjamin's office. And then came a walk along a route similar to the postal service route and this ended at the customs house. The sun shone happily (EFDEFD/00) as I waited my turn and finally my number was called, + I paid the duty and was presented a small box. The cost was $57.60 plus $3.24 for the lunch I ate at Victoria Square to celebrate.

It looked good when I opened it up at home, a tiny little telescope that Beverley said seemed to respond better to Mira than Megrez. The sky was clear for the opening session. (Bought at V. Sq. a small "pocket" tripod.)

76-21M*. 12:00-02:00. First, while the telescopes were adapting to temperature, I made 3 variable estimates all within about 10-15 minutes with the finder on Pegasus - a really good record. Then I sighted VZ Cam with Echo, Pegasus, Little Joe and the binoculars. But the lack of a finder prevented me from doing the same with the new Telescope, Mira, so I repeated the procedure using Polaris. This Mira picked up easily then Capella + Saturn. Slightly out of alignment, but the optics are beautiful - lovely out-of-focus rings.

Two suppers tonight. One at home and another, much later, at the Sobels with Beverley, Norman and Irene. We showed our slides of the Bahamas, + then Max showed us some pretty funny slides of Sarasota.

hursday
ug. 19 1971

00:45 edt

ctor 8mm eyepiece
: 5 Trans: 2

The darkest marking is possibly "Syrtis
but the rest of it doesn't make much sense
Slipher's Map. S+T map (June 71) - the
ice could still be Syrtis major; the ~~real~~ 4-sided
to the upper right of that might be Alcyonius N.
Utopia near the top (?).
o. The black spot ~~m~~ should be
diani. But the - Cancel that too. Black
t should be - could be either.
(P. 72 Slipher.) Almost definitely Syrtis Major.
can see a fascinating problem; in addition
bserver's bias here, the Martian atmosphere
ents me from making easy comparisons with
ps.

Also tonight, 20 minutes of Comet hunting
the eastern sky; damn hazy (but good
ing probably because of it.)

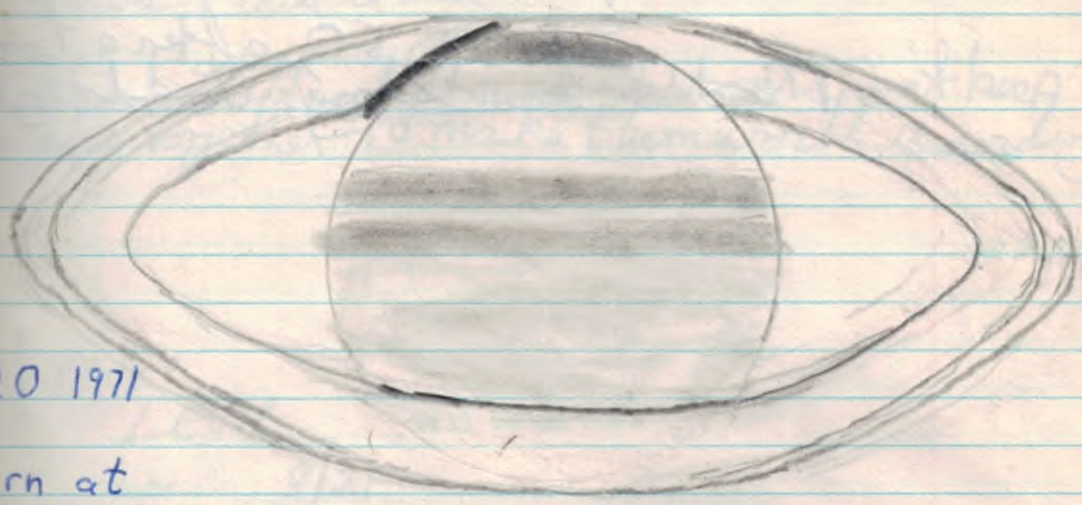
It is now 3:30. After ending the observ
ession at about 1:30, I repaired (tried to
air) echo and aligned Pegasus' mirror
Then I spent awhile, as shown above
uring out the drawing
Mars stayed in view between the trees
th a bit of telescope moving on the terra
about an hour.

0 1971

at
0040 edt

us 8mm
g 4-5 trans 4+

aturn looked at over city, hence Mars
a clearer image.



20 1971

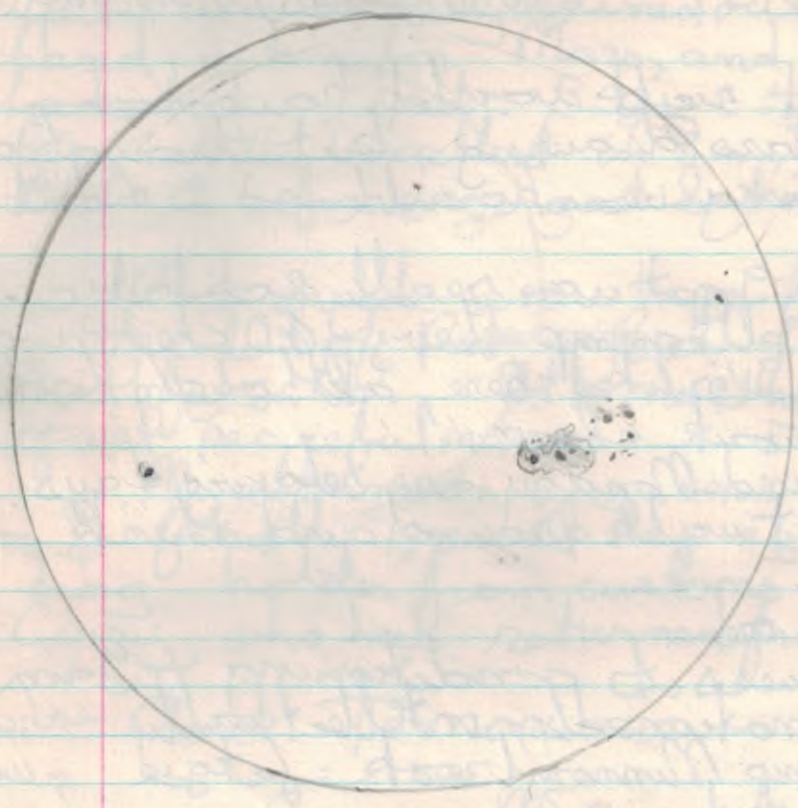
urn at
30-0145 edt

gasus 8mm
eeing 3 trans 4+

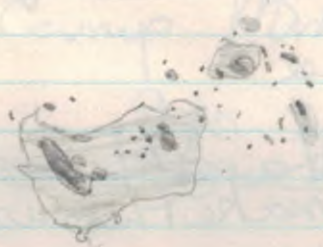
I laugh at the Saturn attempt
aps in future I'll leave out the rings)
I like the Mars drawing.

Sunday, August 22.

Through
Eric Brau
6" Crite



11:45



12:10

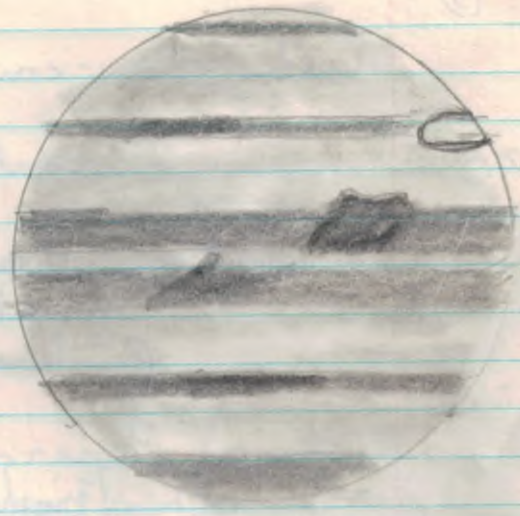
Coincidental
resemblance
to "reality"

I can't say that today was a
was a nice day, happy + pleasant for m
the time. I went around to most of the
and talked with almost all the people
from last year. ~~It was~~ This was enjo
Tomorrow plan more of the same -
find the day overly stressful.

~~Two~~ Two events occurred today
come to mind, - but first a word about
concert this afternoon. It was really
- the kids - especially the little ~~girls~~ girls in
- were quite really good.

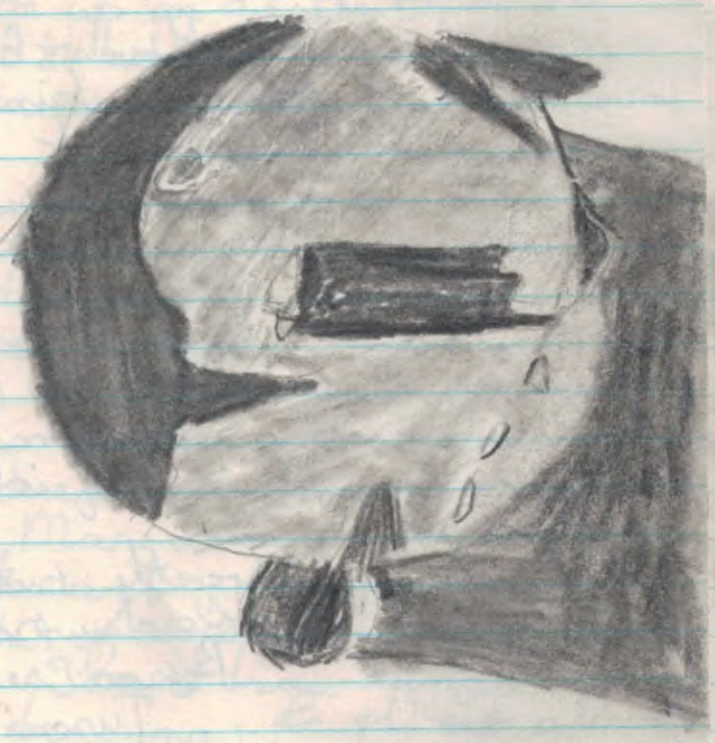
Jupiter on
August 31 1971
at 2015-2030 approx.
Pegasus 8mm.

S ~~4~~ 2-3 T 4



217 Parry
8" reflector 8mm
S 5 T 4
2100-2125

I think I forgot
some brightness on
the right wall

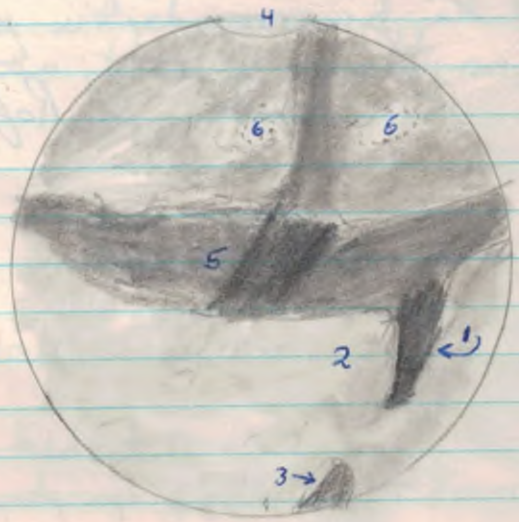


Mars 8/31/71
Pegasus 8mm
~~S5~~ S4 T4

2305-0000

1 Syrtis major
2 Isidis regio
3 nilo syrtis
4 south polar cap
5 Libya 6 clouds?

(Source: Observer's Handbook)



rings as usual

0130.

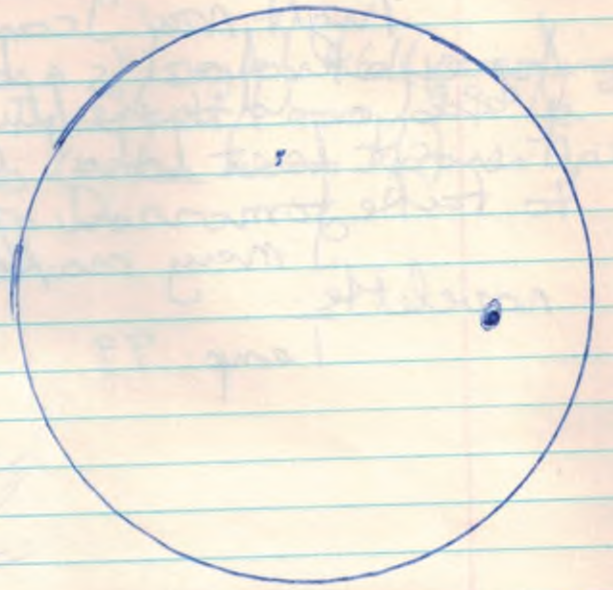
sion was really fantastic;
into several parts; I really
Jupiter drawing with the 8"
elescope up ~~on~~ at the top of the
aught it between the houses and
e seeing was pretty bad but some
le. Then I set things up
are ~~where the~~ from which
was passing through the
~~th~~ to the south. I drew a
nk it's Parry. By this time
~~+~~ I decided to go in to see
on ~~see~~ movie ~~and~~ which ended
Mars entered the south window.
e hour Mars was visible both
e out to see it; (Clipper too.)
an hour of comet hunting; then
turn - I can't draw rings
a disk drawing; ~~&~~ the ~~at~~ planet
th city smog which caused it to
l sputter so there is really not

3 8" refl. Pegasus + Tau + vcn.

7 PM

Sun

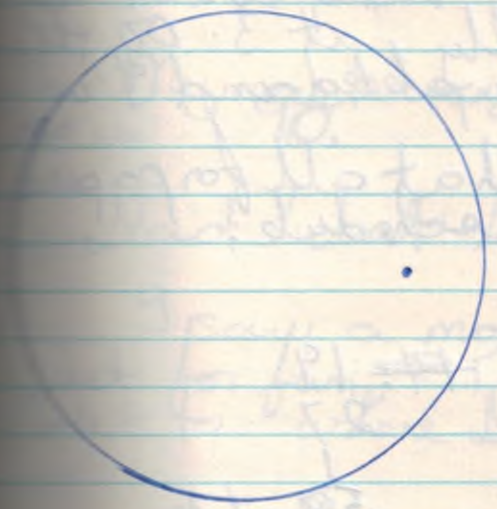
3" refl. direct view



I had a really enjoyable observing session for about an hour tonight, and earlier I rode Wendell Sidelle's bicycle along the Dykes to Grand Pré, a little beyond, then returned. I may be catching a cold now, though, so steepaway...

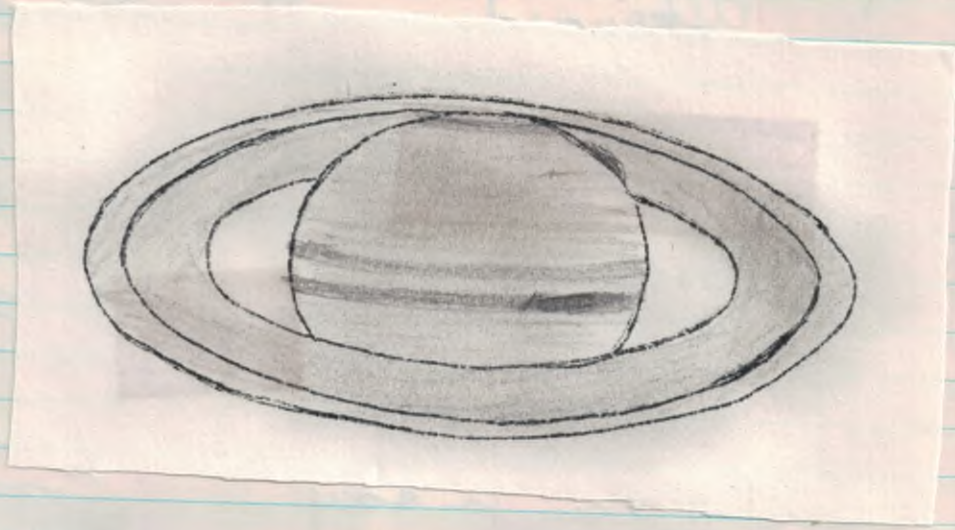
c n 3 Pgs 1 hr

Nov. 15 1971



Sun at
4:30 p.m.

My mind is dead; tonight I could not get going on my essay. I talked with Bud and Dave and read but couldn't get going. It's now 3 a.m. and I'll try again tomorrow. Goodnight.



Wednesday, Dec. 29.

Sun out today; clear tonight.

Saturn at 2130, 6" refractor at observatory; seeing fair

The interview with Elliot Dainow lasted 2½ hours and went pretty well, but I let him ask most of the questions. This way I found out something about ~~the camp~~ him and he learned something about the camp.

Tonight after a pleasant dinner I visited Grandpa who is still in hospital. We talked about his "lazyness" + about my haircut. Aside from his fatigue, his state is encouraging somewhat. His temp. was 99.3. (rectal)

And I went to the observatory where I saw Carl. We talked for awhile, the whole group was in a boisterous mood, especially when I put on a show to one of the new people, a blithering babbling show-off that I didn't know at

Clear in the afternoon, 40° Monday, Jan. 10

Sharma:

India has a population of 550 million people.

The study of literature promotes ones awareness as a member of society.

There is no difference between Lib + Cons. Government Tweedledum + Tweedledee.

You cannot have a healthy individual in a corrupt society.

Bittner

Essay on References to Music in Ulysses?

Girl hit by train.
Irish girl hit by English train.
Catholic girl hit by Protestant train.

An absolutely beautiful day. The afternoon was so nice I took, at least my 2½ hours walk on the dykes. And tonight I observe & hunted for an hour and took some pictures.

Session 2: 4:00 PM; The Sun. (?)
Session 23: 8:20-9:10 p.m. - CN-3
40 minutes etc.

Session 24 2:15-3:30 p.m. CN-3
20 minutes + 6 pictures, ~~[illegible]~~:

Ursa major	5 mins	
Leo	5 mins	
Orion	10 mins	no moon
Observing Site	20 mins	
Campus	25 mins	
Campus.	3 mins	

The two of the campus were taken right on top of the roof. I climbed up and for the first picture the camera was perched right on top of the ~~my~~ the wall. The

Monday, January 17. Partly Cloudy

Everything is backwards here.

After lunch Bud and I went upstairs to the observing deck and we took half a dozen pictures of h for the yearbook.

Then I went to Professor Rozs' class where I took the notes on pages 2+1, here.

Still no word from Sussex. It's unfortunate because Sussex is my first choice.

Session 8: Late Tonight but not too late. a little warmer than last night. ~~About~~ ~~2 a.m.~~ 1:45 to 2:45 a.m.

Cn-3, 30 minutes, same area as last night.

Some objects, including M65+'66 in Leo. and M-51 in Ursa Major, (the Whirlpool Galaxy),

Wednesday, January 19.

Session 11: 2-3:00, then left camera to finish hour-long exposure of Polaris. I saw about 14 meteors in the Leo region. Chilly + Windy; No telescope, a good session.

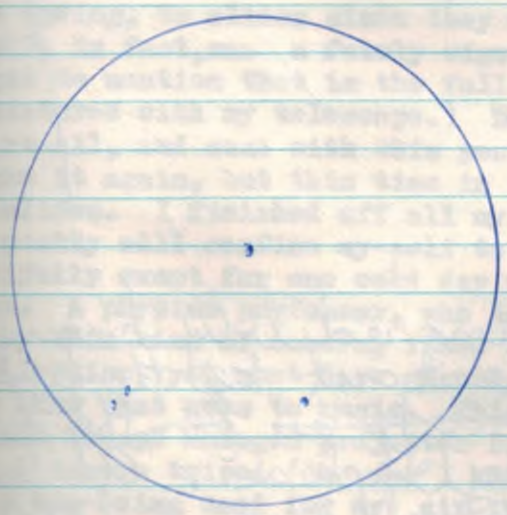
Mmmm yesterday was a good day. So was today.

Dave Sheppard squashy spiders and wants 5 copied for the Yearbook: the apples, the girl on the beach, the leviathan tree, the Wolfville sign taken with the camera on the tracks and the sunset which appears in last year's Journal. Bud thinks the girl picture is a masterpiece, "a saleable shot." Oh. Dave did not see anything consistently wrong in my photography.

Saturday, Feb. 12

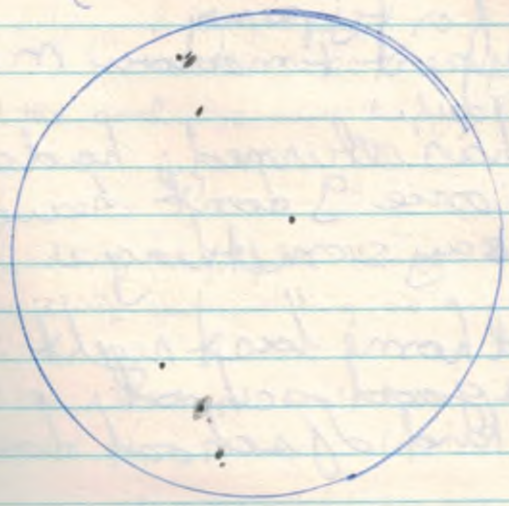
Slept all morning, woke up and took a nice walk through Wolfville in beautiful sun this afternoon. Snapped a few pictures.

I did little else of consequence.



Sun, about 4 p.m.

Saturday March 11 - 2

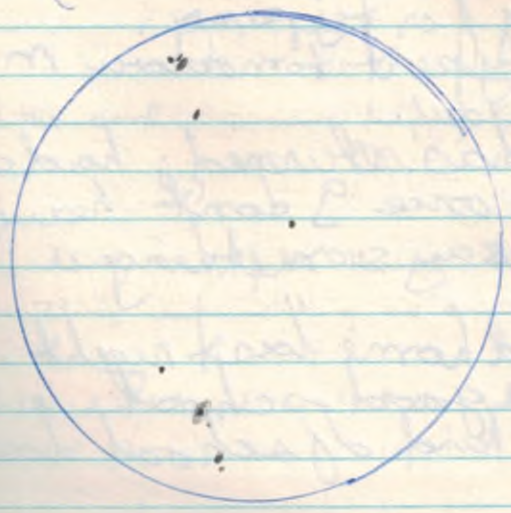


about
4:00 p.m.

have made some progress on my Sharma and I think there is a good chance it will ready by nighttime tomorrow. It 3:30 but I slept for 2 hrs this evening. Christ I sleep so. I'll retire now. Perhaps the most valuable part of the day was some musing I did like about this year being the end of a ~~[illegible]~~ life & new one starts next year. Friendships & structures form a major part of these of life. I like talking about myself. what an old fool!

I got accepted to Queen's University. I pray that at least I won't be out in the cold next year and definitely cancel out on a masters program which would have been a possibility had I not accepted anywhere else.

Saturday March 11 - 3



about
4:00 p.m.

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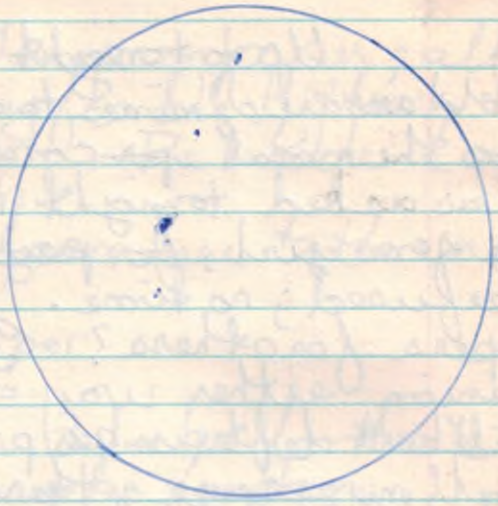
I got accepted to Queen's University. It seems that at least I won't be out in the cold next year and definitely cancels out any idea for a masters program which would have been a possibility had I gone to Lakehead or Waterloo.

3 a.m. Friday March 24.



4:45 p.m.

The only fifteen minutes all day of sun

course my discussion on death was therapeutic. doesn't get me anywhere. Grandma doesn't I only remember her. That does not mean she live. If I am to accept death as something affects (philosophically) only the person who is ng, then the imagination does not play a in deciding whether someone is dead. all this shit concerns my own fear of death. I not accept the fact that one day I will existing. Should I try to accept that I not ~~to~~ accept it (Swinburne) and then stop ing about it? Yes. But I still worry it. And the therapy continues (then t everything a therapy?)

Three pictures arrived: the one of the mud plus two for the Journal covers. The glue is now ing.

I make no pretense that anything I do, say think is worth the attention of ~~a~~ anyone

My first and last "date" this year at Acadia
- I met with Gene & Mora Smith tonight,
showed slides & we talked.

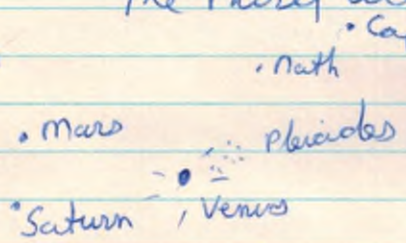
The snow continued all morning, estimated
about ten inches fall. F/ use to know bank
and everything.

But take heart h - already it is
melting; the sun came out and tonight
there was a clear "warm" sky and I
observed for 35 minutes on the roof with
a telescope.

unday, April 2. Sunny, about 45°.

5:45 pm.

wing Session after supper tonight, 8:40–
included 10 minutes of comet hunting
3 photographs. Two of these were of a
s configuration of Venus, Mars, and
, complete with the Pleiades, and
The third was another attempt at
Major.



I have completed Thoreau's confusing
Without Principle." Remember, the thesis
hacizes Thoreau as deviant; as indirdual-

Tuesday, April 18

5:45.

The final segment of my four Acadia years has begun. I'm tired now, partly because of the tranquillizers, and the rest because of everything else.

The worst is over I keep telling myself; I called home again; they want me to call each night for a while. I feel terribly guilty. Guilty because of the concern I have created for others. But perhaps I might recall that it is their choice to be concerned, and also that the person worn down most is me.

Larry half-expected that I would sign myself out of Dartmouth. I'm glad I did; at least here I have some semblance of freedom.

And at last like an old horse I am put out to pasture, waiting three weeks for a degree that culminates six years of self-evaluation that has left me almost nowhere.

esday, April 18

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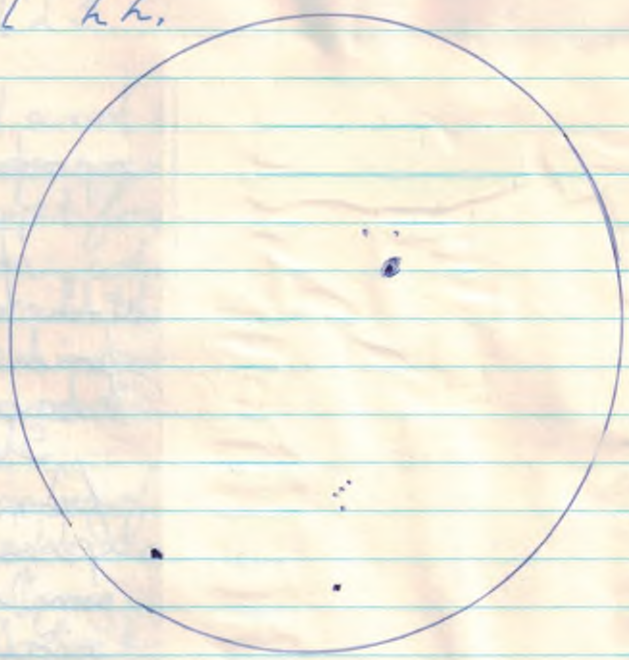
, April 22.



5:40 P.M.

If I were Hamlet, then David and Kiko
e Rosencrantz and Guildenstern, and
would be Horatio. Guildenstern left
nd I doubt I will ever hear or see him again -
t resolve my doubts about friendship. I
lose friend or two.

Last night I did not sleep at all, so at
took a walk to the dyke and back. I was
usted by all the pills I had taken that I
barely make it back to the residence. Everything
so different at sunrise; I took some railway
pictures. I then had to walk to the hospital
Dr Kinsman, who happened to be there, prescrib
me sleeping pills. If they don't help he wants
go back into hospital or the infirmary so
an study the effect of all these pills on me.
t after breakfast from 9 til 2. Michael
ams drove me out to Kingsport Beach
we took pictures.

no spots.
7 PM.
Clear Sky
around Sun.

:10PM: Back to the conversation with Dr.
rald (cf page May 1-2)(P2.) He laughed but the meeting
n a more serious and practical note. He thought
not all parents mean well. Yours seem to." and
lked about possibilities for my future care in
real. "If you were here all summer I would
mend a ~~short~~ stay at the Victoria General"; but
t know what ideas the Doctor in Montreal
t have. He said, that psychiatric care
never succeed unless there was ~~an~~ a totally
relationship between doctor & patient. If
I should be ~~a~~ in a ~~top~~ hospital I should tell
hat.
It was a fair meeting. He did mention that
ugh I gave myself permission to act
(naturally) here, I was not ~~&~~ acting so.
illiness really my natural way? He doubted it,
use my thoughts are not childish
He also suggested that this Journal could be
remely useful communicating device between dr. +
ient.
He also likes R. D. Laing's views.

Mikael is going to come this afternoon. Perhaps
a time I let him back into the on my upper level.
haps not yet. Then we'll go to Snowdon
ere I'll buy the new book for the Journal,
en comes Saturday Night. I may go to the
servatory. I may not.

I would also like to start work on
my theses soon. But maybe not. Maybe
also, but possibly not, I'll observe tonight.

This morning I took some more portraits
f Clipper.

Observing
Session 11-12:30
took 11-min exp. of
Vega + 2 pictures
of moon through 8-inch
2.5 at F/3 and 5.6.
did not enjoy
it.

Everything happened or didn't
happen as planned. Didn't go to observatory
Dick gave Crampa a lift home later today.

Pills that I started yesterday made me
extremely exhausted & nervous later today.
Stop them. Now for a good night's
sleep.

June

~~Tue~~ Thursday, April 11 12:30 a.m.

I can't find any pens around so I'll have to use this.

A tiring but good day, after getting lost around San Jose - I finally made my way up Mount Hamilton and saw the various domes of the Lick Observatory. By chance, I saw one telescope, a small Cassegrain-type thing which a mechanic was adjusting. I took some photographs and left.

It was very quiet up there - hardly any-one was around. I already knew two facts about the observatory - James Lick is buried under the 36-inch, and the 120"-mirror was originally used as the tool for the 200" down at Palomar.

A very quiet evening - Joyce & Larry were listening to Question of balance when I got home.

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Monday, Sept. 3. 9:45 p.m.
(Fleur-de-lys Motel) Louisbourg, N.S.

We left this morning in hard driving rain, at the summits of the hills was peasouper. I'm glad we were able to preview some of that yesterday. But the gloom was, as Mik observed, beautiful in it's own way. ~~The w~~ By the time we got to the south side, the rain had stopped and the sky got brighter. We visited Ingonish beach and descended, ascended & descended again Cape St Smokey. Then we decided to take Roger Sewis' advice and visit Fort Louisbourg. It was a disappointment. There was a museum with slides ~~an~~ which we went through, and reconstructed quarters for the soldiers, ~~an~~ which were of course crude, and for the governor which were lavish. Telephones all over the place explained everything but they made it look so artificial. A guide or a guide book would have been better.

Apparently when the British captured the fort on the 2nd time in 1758, two years later the place was destroyed so that should the French come again no fort would be there. Only the foundations & some original cobblestones were left, so ~~all tha~~ practically all we see now has been reconstructed. The work is still going on; given a few more years & it may really be pretty good.

A short binocular observing session tonight. Some cloud, a ~~m~~ low moon too.

Saturday, January 24. Clear, wa
5:20 Monday. Clouds a

An evening, and preparations for the evening, wa the order of the day. We got a brand new heater for waterbed (free) a new set of linens, a new liner, my pa and some food and wine. (Royale de Neuvean, a rosé.) The weather was still cold (about zero) bu * compared to yesterday was balmy.

So tonight, being hockey night in Canada, devoted to watching the game. We had a little gathering at Beverley's apartment. There were Ge and Phil, and Carl & Peggy. The four of them seem to get along well together. (And Montreal wo

And as the evening went on the sky cleared an it got colder. It was about 5 below (F) when we all went home. Clear, though, and no wind! I set up the 6-inch and prepared fo some comet hunting. But the 4th magnitude stars I use in the little dipper to check if the sky is good enough for a hunt were not really visible, so the programme was switched to ~~do~~ variable stars. With the telescope on the east side of the house, by the side door, and with no wind, the work went much faster = in fact I found and estimated R Leonis in 5 minutes:

R Leo	9.1
R L Mi	7.9
Dome	2nd mag.

Now last night the ~~sky~~ air was so cold + so windy that I went out only with binoculars and stayed for 5 minutes. It was about 15 below.

Dome to 3rd mag.
V Z Cam 5.1

Thursday.

Discussion of land.
D: brings up ~~and~~ D. Ross's offer of a site.
Discussion.

Skyward.

Henry: Do we need a Skyward?
Nora: Many of our members get only Skyward.
Constantine: we don't offer much to these members if Skyward is not sent out.

Hassle about ~~the~~ ~~whose~~ who grinds stuff on the new telescope. Nora doing too much telephoning.

Nora's upset about no grinding but doesn't want to join the telescope committee.

Discussion of Leo, kind of useless since Leo wasn't there.

Trustees: Henry resigns; Nora nominates me as a trustee; Carl seconds. So trustees of Centre are Constantine, Walter and me.

Motion that Board of Trustees decide what they are supposed to do.

Henry talks of insurance.

Next Meeting: March 4, Thursday.

2:30-2:45 a.m. Observing session with six-inch. The only good part of the evening.
VZ Cam = 5.1
R Leonis = 8.9

Friday, January 30.

12:45 am

Almost everyone agreed that last night's meeting was kind of useless. Few seemed to care about what is happening to the centre. No real decisions were made. Some questions were asked, however. Do we need a Skyward? Do we need aluminizing equipment? A 20-inch telescope? Members?

Anyway, I picked up a beautiful picture of Ms. Beverley Fox this afternoon. It now graces the inside front cover of this journal. Tonight we did ~~sto~~ her shopping + watched television.

Yesterday was cat day! I took Mr. Smoke ~~too~~ much in for his shots; then Mr. Tigger-Tat. Smokey, ~~bein~~ being a curious kitten-cat, didn't complain until we were in the car. Tigger didn't want to get into the cage but with gentle persuasion and the help of a hospital approved cat tranquilizer he got in alright.

3:20 am. A 45 minute observing session with Pegasus!

Dome to 3rd.
CN 3 - 15 cold minutes in UM. + vicinity.
2 UMa = 8.9.

0° F.

Sunday, February 1.

Let's number all the sessions like I used to! Starting with the first session in 1976. We'll even u types like in the past. Thus,

76-1E	(Unrecorded at the time) - January 1. Dome ch		
76-2M	Jan 9	CN3 15 min.	Dome 3.
76-3~~M~~E	Jan 10	(Observatory)	
76-4M	10	CN-3 15 min	Dome 3.
76-5E	17.	Nova Cyg 10.1	
76-6M	17.	Z UMa 8.8	
76-7 E	18.	Nova Cyg 10.2	VZ Cam 5.
76-8 M	23.	VZ Cam 5.1	Dome 3.
76-9 M	24.	R Leo 9.1	Dome 2
		R LMi 7.9	
76-10 M	29.	R Leo 8.9	
		VZ Cam 5.1	
76-11 M	30	CN-3 15 mins.	Dome 3
		Z UMa 8.9	
76-12 E	31	Nova Cyg 10.3	Dome 3.
76-13S	28	Sun Vicinity check!	

So! There it is for January! Just a catch- I put in the readings so I don't have to go throug these pages again, when I do the monthly reports 45 minutes of comet hunting, 6 Dome checks, 1 Sun Vic 11 variable star estimates for a total of ~~20~~21 observat It adds up!

We saw American Grafitti. We both enjoyed this film; reminded us a bit of high school days. It ignited a discussion about our high school experiences. in particulo were her parents right in not letting her take supp in Grade 8 thus making her repeat that year? We think not.

Debbie + Phil came over to see our sl show tonight. For a welcome change, it is warm outside.

C. The important thing now is to try to resurrect your creative drive, rewrite ~~it~~ your novel. The filing of slides doesn't satisfy me as much as an orderly approach to a learning process.

D: That would be getting the rust off my academic abilities. Or helping, anyway.

C: Whatever depression is the ~~ap~~ antidote is a state of being ready to work, with discipline coming from the self.

(Mon)

The observatory again tonight, and a much better night it was than last night. Bruce and I (+ for a while, Nora) observed through the 8-inch celestron - it is poorly balanced + the eyepiece did not give a wide field, but we were out for an hour and a half, from 9:30 to 11. It was about 0°F. and windy. I got R Leo at 8.6, Z UMa at 8.9 and ~~R L Mi at 7.5~~ - No! I tried R L Mi but the field was too small.

76-14 E

76-15 M - a three minute session, looking at Polaris through Pegasus, to show Bruce Foster + others how fast this 8-inch could be set up. We had spent at least 20 minutes opening the dome for the celestron.

76-16 M. a 20-minute session, again with Pegasus, which included a look at Jupiter and (at last) R L Mi at 7.5.

Friday February 6.

It cleared up! And it wasn't too cold. And I thought it would be a good idea to get some estimates of variables, SO... after driving Beverley home and buying paper & valentine cards at the Black & White, I set up Pegasus.

76-17E. The two ~~positive~~ positive results from this session are Nova Cygni (at 10.4) and RX Cephei (at 7.83.) It was difficult to get these estimates - the Nova, especially, is getting quite difficult to observe.

Beverley came over here tonight to watch TV. We finished the cleanup of her house but at considerable expense: I got asthma which kept me up much of the night. (The asthma, & medihaler.)

76-18M: early this morning I set up Pegasus again and observed RX Cephei at 7.4. I tried for SS Cp but a cloud moved in...

Monday, Feb. 9.
Wed.

It's a new week, with better weather than last monday. I did some shopping this afternoon for Beverley. I bought her ~~some~~ a ~~bo~~ board top for the table in her living room, and also a brand new kitty litter box for the fat cat and the kit-and-caboodle.

Tigger tat the fat cat. oh, yes.

A kitten-caboodle kitten cat.

So there. Tonight Richard came in from Toronto. We ate dinner together & then he drove me to Beverley's place where, after he left, we watched TV.

Later tonight Richard and I went out for a bite to eat. I talked a blue streak about my back-to-school plans. We got home at ~~11~~ about midnight.

76-19 M. I set up Pegasus and Little Joe for test; the 32 mm erfle that I use on Pegasus worked very well on L5, giving an enormous field. Pegasus' 8x50 finder gives much ~~more~~ fainter star limit than the 6x50 finder I use on Little Joe. What a difference 2 power makes! I estimated AR Cep + 2 others. Also, I looked at the V2 Cam field through the main instruments for the first time. I've been looking at this star since 1966, tearlier in my comet hunt. Now I'll use it to inaugurate the new telescope when it finally arrives. It wasn't too cold out either!

February 20, Friday. Clear.
20 Sam Sat.

Mira Day

A whole day devoted to picking up and testing the new telescope. I left the house a bit after 11:30 and took the bus east to the bank for money to pay the duty. Afterwards I used another bus to get to Gasco, where I picked up some photographs, and Fox & Walker where I dropped off some mail + said hello to Marvin who, in return gave us some hashish. Next stop involved dropping off some ~~letters~~ bills at Sidney Benjamin's office. And then came a walk along a route similar to the postal service route and this ended at the customs house. The sun shone happily (☉☉☉☉☉☉☉☉) as I waited my turn and finally my number was called, + I paid the duty and was presented a small box. The cost was $57.60 plus $1.24 for the lunch I ate at Victoria Square to celebrate.

It looked good when I opened it up at home, a tiny little telescope, that Beverley said seemed to respond better to Mira than Megrez. The sky was clear for the opening session. (Bought at V. Sq. a small "pocket" tripod.)

76-21M*. 12:00-02:00. First, while the telescopes were adapting to temperature, I made 3 variable estimates all within about 10-15 minutes with the finder on Pegasus - a really good record. Then I sighted VZ Cam with Echo, Pegasus, Little Joe and the binoculars. But the lack of a finder prevented me from doing the same with the new Telescope, Mira, so I repeated the procedure using Polaris. This Mira picked up easily, then Capella + Saturn. Slightly out of alignment, but the optics are beautiful - lovely out-of-focus rings.

Two suppers tonight. One at home and another, much later, at the Sobels with Beverley, Norman and Irene. We showed our slides of the Bahamas, + then Max showed us some pretty funny slides of Sarasota.

Sunday, February 22.

-40 Wed.

Kennedy's Children is a play that is situated in a bar. Some people, ~~mostly~~ all of our generation are reminiscing about the sixties. (A Viet Nam war veteran, who is reading from the diary he kept, an "activist", a fashion model and an actor, and a schoolteacher.) Everyone is in his or her own world and there is absolutely no interaction among the participants. We saw this play with, of course, Debbie and Phil, and afterwards we went out to eat.

76-22 M: Mira is definitely out of alignment, and more than "slightly". I cannot get the stars to focus. I also had Pegasus out and I got readings for 3 more variables.

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Tuesday, February 24.

A trip to the customs house was the big deal for today. For the first time in 5 weeks I used the fiat. After some delay the telescope has cleared customs and is now on its way back. They have a choice to refund my money or to supply me with a telescope that is in perfect optical + mechanical condition.

Beverley had to work late tonight so I met her at 8, we ate supper and watched an excellent M.A.S.H program. That must be the best series on T.V.

Clear and warm! What does that mean?

76-24E. With Pegasus. Too bad Mira is gone, but I had no other choice. Anyways, One telescopic variable, R UMi, at 9.2, + 5 minutes of comet hunting. Not an enjoyable session.