

Jupiter
1961

July 18, 1961 Satellite phenomena.

III Transit ingress...predicted 03:30 U.T.

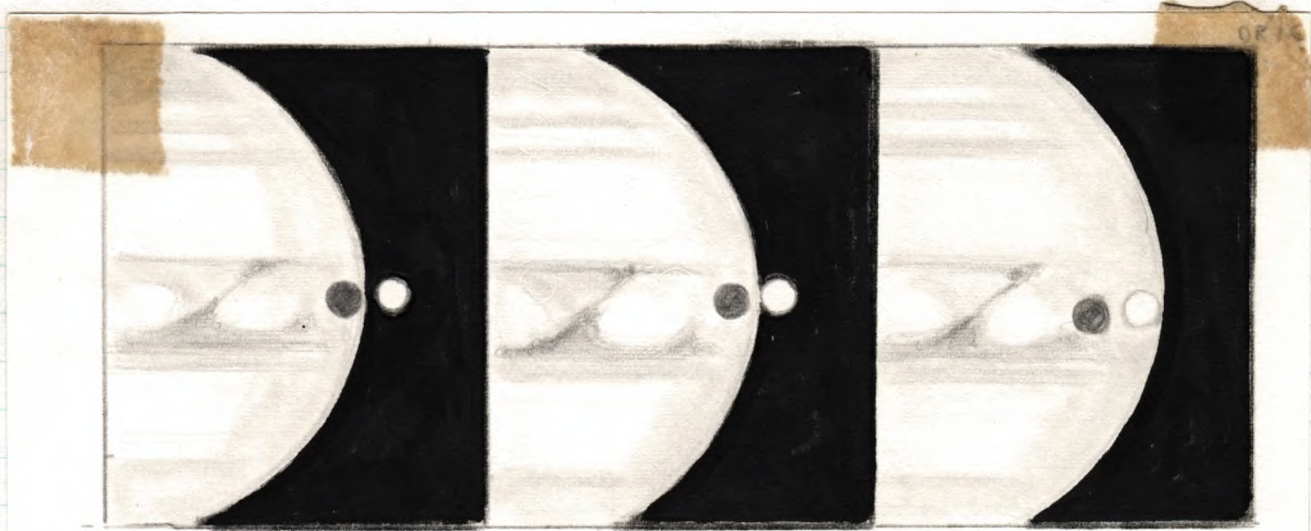
6" Refractor 220x (Observatory Montreal Centre)

			S	T
Wedge	Mid-contact observed directly	03:29.7	4-5	2
Gaherty	" " " "	03:31.9	4	2-3
Gaherty	Second contact	03:35.3	4	2-3

Note: When Wedge thought mid-contact had occurred he left eyepiece to check stop-watch. Gaherty replaced him at the telescope and decided mid-contact had not occurred. He then noted time when he thought satellite was half onto planet, and then time when satellite was fully on the planet's disk.

George E. Wedge,
3821, Mackenzie Street,
Montreal 26, Quebec.

Geoffrey Gaherty, Jr,
636, Sydenham Avenue,
Montreal 6, Quebec.



05.06 UT

05.10 UT

05.15 UT

Planet *Jupiter & II*

Observer *Klaus R. Brasch*

Local: Date *July 22* 19.61

Time *01-06 - 01-15* .. Zone *EDT*

U. T.: Date *July 22* 19.61

Time *05.06 - 05.15*

Telescope: Aperture *8" yellow filter*

Type *Refl.* Power *450x*

Seeing (0 worst-10 best) *6*

Transparency (0 worst-5 best) *3*

Central Meridian: (1)

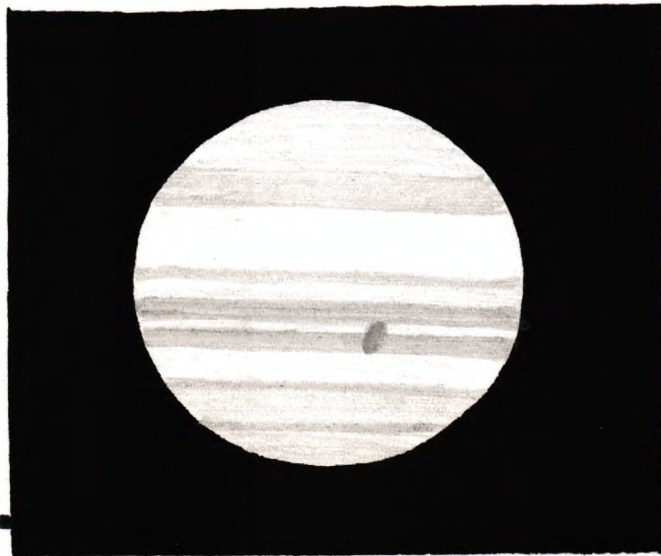
(2)

Remarks: *Timings accurate to nearest minute only*

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Montreal Centre

PLANETARY OBSERVATIONS

S



N

PLANET Jupiter.....

Date March 17/18, 1961.....

Local Time 05h.13m. + 10m. E.S.T......

Universal Time 10h.13m......

Central Meridian (1)

(2)

Telescope 4" - Reflector.....

Eyepiece 130x.....

Seeing 4.....

Transparency 5.....

Remarks:

Observer Jim Low.....

Address 411 Brixton Ave......

Telephone No. OR.1-8675.....

ROYAL ASTRONOMICAL SOCIETY OF CANADA
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PLANETARY OBSERVATIONS

S



PLANET Jupiter.....

Date April 9, 1961.....

Local Time 04h. 30m. +17m. E.S.T......

Universal Time 09h. 30m......

Central Meridian (1) 330°.....

(2) 341°.....

Telescope 4"-Reflector.....

Eyeiece 130x, 167x.....

Seeing 5.....

Transparency 4.....

Remarks:

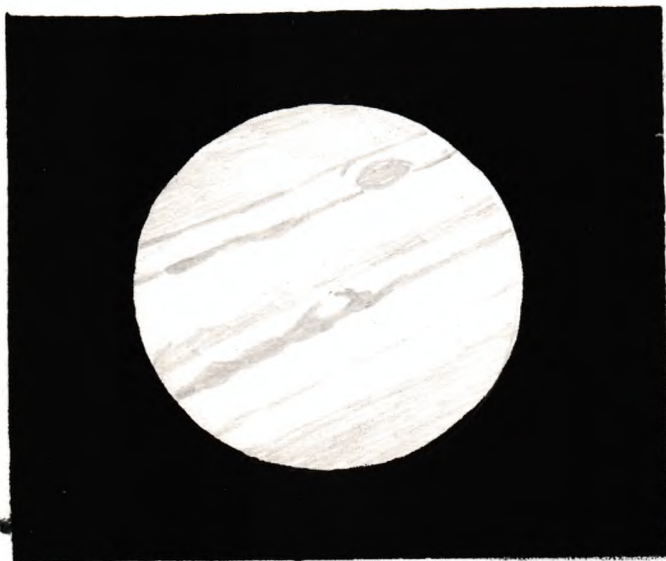
Observer Jim Low.....

Address 411 Brixton Ave.
St. Lambert.

Telephone No. OR. 1-8675.....

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Montreal Centre

PLANETARY OBSERVATIONS



PLANET Jupiter

Date .. April 30 - May 1 - 61

Local Time .. 5:00 - 5:15^{AM} EDT ..

Universal Time .. 9:00 - 1:15 U.T. ..

Central Meridian (1) 185°

(2) 289° 295°

Telescope ... 2.4 in. refractor

Eye-piece .. 144x

Seeing 5-6

Transparency 3-4

Remarks: "RS" $\lambda_2 = 329^\circ$!

Observer .. Bob Hawkins

Address 145 Lakeside Ave. P.E. Clure

Telephone No. .. OX 5-4880

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PLANETARY OBSERVATIONS



PLANET .. Jupiter

Date .. May .. 5-6 .. -61

Observer .. Bob .. Hawkins

Local Time .. 4:30 .. - 4:45 .. AM .. EST

Universal Time .. 8:30 .. - 8:45 .. U.T.

Central Meridian (1) .. 234°

(2) .. 302°

Telescope .. 2.4 in. reflector

Power .. 144X

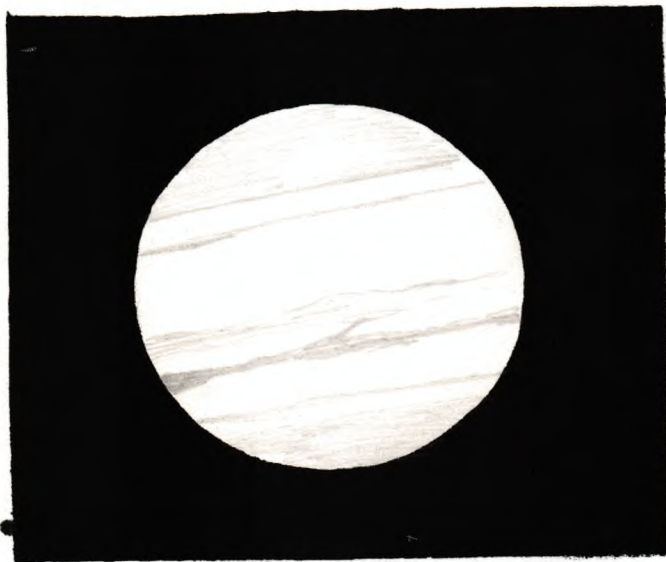
Seeing (0 worst-10 best) .. 4-5

Transparency (0 worst-5 best) .. 3-4

Remarks: "RS" $\lambda_2 = 338^\circ!$

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PLANETARY OBSERVATIONS



PLANET Jupiter.....

Date ... May 13-14 -61

Local Time ... 4:30 - 1:45 AM EDT

Universal Time 8:30 - 1:45 UT

Central Meridian (1) 76.0°

(2) 64°

Telescope 2.4 in. refractor

Eyepiece 144x

Seeing 2.5-6

Transparency 2-

Remarks:

Observer Bob Hawkins

Address 145 Lakeview Ave
Pte Claire

Telephone No. 045 4880

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PLANETARY OBSERVATIONS



PLANET JUPITER.....

Date JUNE 10/11 1961.....

Local Time 01:45-01:55.....

Universal Time 05:45-05:55.....

Central Meridian (1) 85°.....

(2) 217°.....

Telescope 6" REFRACTOR.....

Eyepiece 220X.....

Seeing 1/10.....

Transparency 2/5.....

Remarks:

Observer G. Melge.....

Address

Telephone No.

JUPITER

OBSERVER: P. HINTON.

LOCATION: N.D.G., MONTREAL.



AT 30 POWER.



AT 120 POWER

DATE: 11 JUNE 1961

TIME: 03:00 hr

TELESCOPE: 4 1/4" REFLECTOR BY P.H.

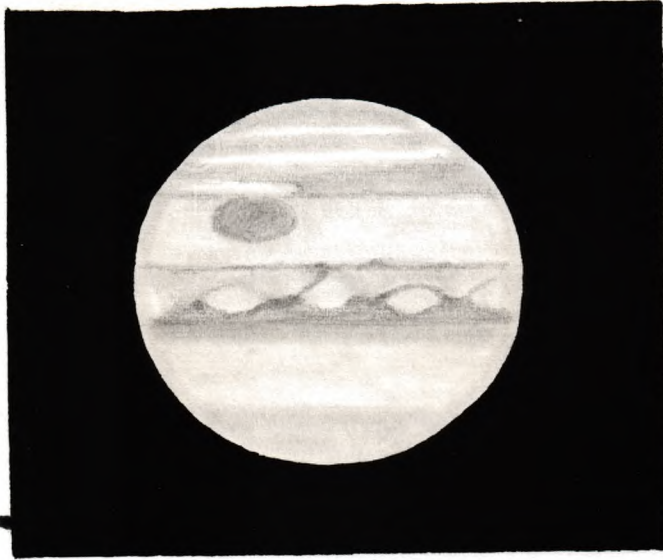
EYEPIECE: 1" + 1/4" HUYGEN

SEEING: 6

TRANSPARENCY: CLEAR

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PLANETARY OBSERVATIONS



PLANET ... *Jupiter*

Date ... *June 17 / 1961*

Local Time ... *04:15* ... *EDT*

Universal Time ... *05:15*

Central Meridian (1) ... *272°*

(2) ... *18°*

Telescope ... *8" Refl.*

Eyepiece ... *165x*

Seeing ... *3*

Transparency ... *2-3*

Remarks:

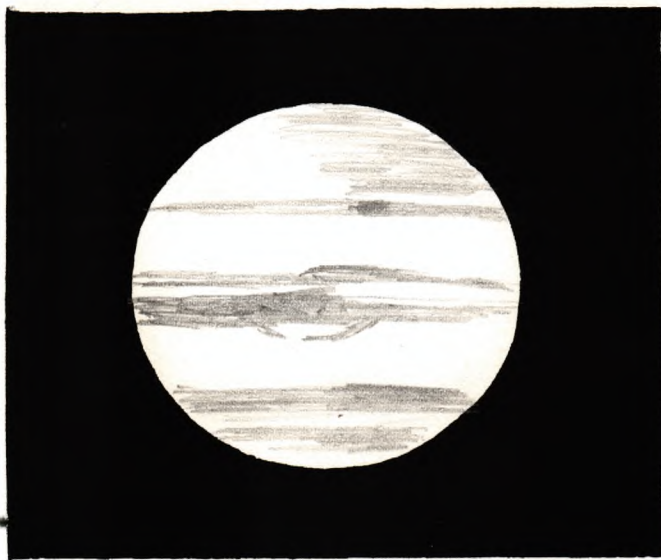
Observer ... *Klaus B. Brasch*

Address

Telephone No.

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PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *June 7/18/64* 1964 Observer *Louis R. Buchow*

Local Time *0010 EST* Universal Time *0510*

Central Meridian (1) (2)

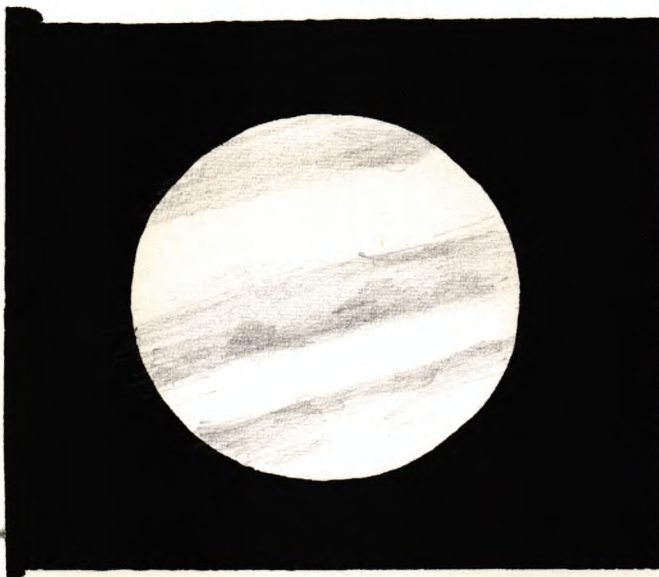
Telescope *6" Refractor* Eyepiece *X150*

Seeing *5* Transparency *2-3*

Remarks :

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PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *June 17-18*

Observer *Rita Praeger*

Local Time *0:45*

Universal Time *4:45*

Central Meridian (1)

(2)

Telescope *6" ref*

Eyepiece *150X*

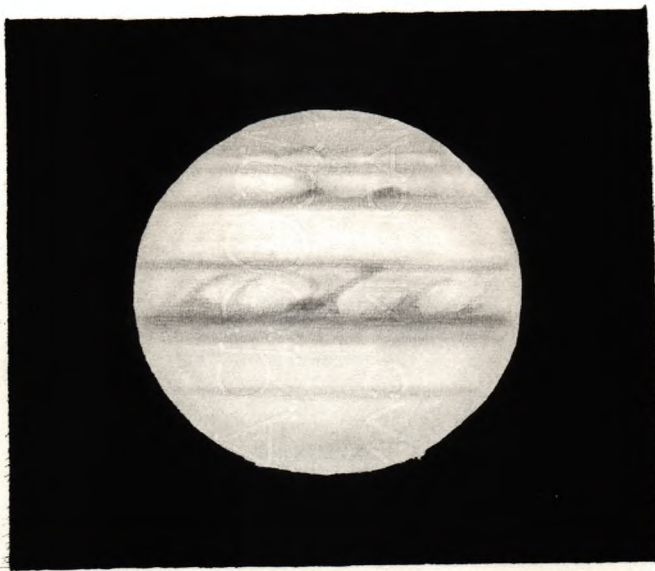
Seeing *4*

Transparency *3*

Remarks :

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Montreal Centre

PLANETARY OBSERVATIONS



PLANET *Jupiter*.....

Date *June 25 1961*.....

Local Time *2:10 EDT*.....

Universal Time *4:10:06:10*.....

Central Meridian (1) *130*.....

(2) *174*.....

Telescope *8" Refl.*.....

Eyepiece *16.5*.....

Seeing *4-5*.....

Transparency *2*.....

Remarks: *NTB seemed more intense than in previous weeks.*

Observer *K.R. Brasch*.....

Address

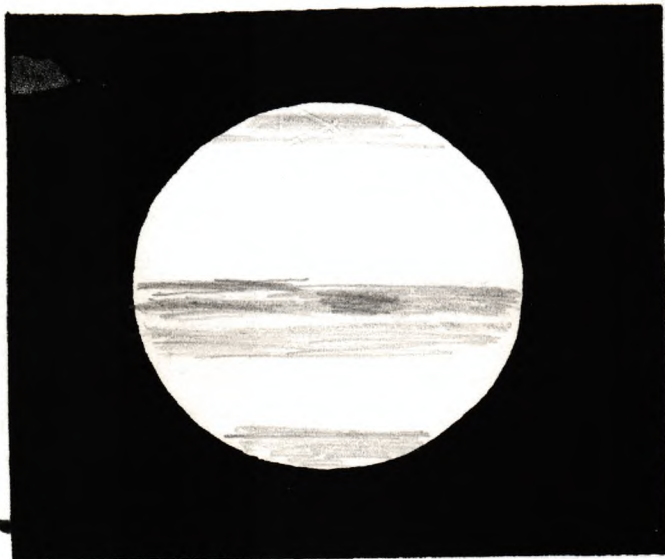
Telephone No.

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Montreal Centre

PLANETARY OBSERVATIONS



I
4
7
2 3
5
6.5
3.5



c.
4
1
2
3

PLANET

Jupiter

Date *July 6/7-61*

Local Time *23:00 EST*

Universal Time *0400*

Central Meridian (1)

(2)

Telescope *4 1/4" Reflector*

Eye-piece *X 11.5*

Seeing *4*

Transparency *2-3*

Remarks:

Satellites →



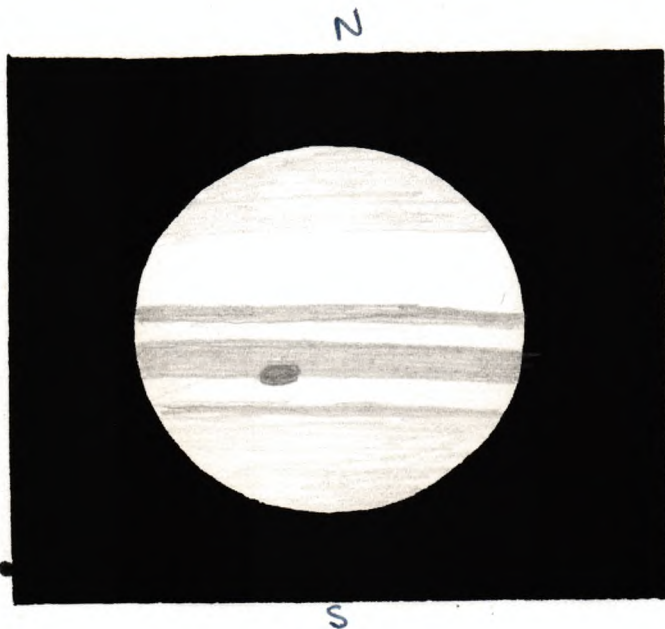
Observer *Louis Duchas*

Address *5891 MacDonal*

Telephone No. *Re-8-5531*

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PLANETARY OBSERVATIONS



PLANET Jupiter.....

Date July 8/9, 1961.....

Local Time 01 h. 24 m. + 10 m. E. S. T......

Universal Time 06 h. 24 m......

Central Meridian (1) 191°.....

(2) 129°.....

Telescope 4" - Reflector.....

Eye-piece BOX.....

Seeing 3/10.....

Transparency 4/5.....

Remarks: Bright Zone in S. was not conspicuous.

Observer Jim Low.....

Address RCAF St., St. Whale R.
P.O. Box 6121, Mtl.

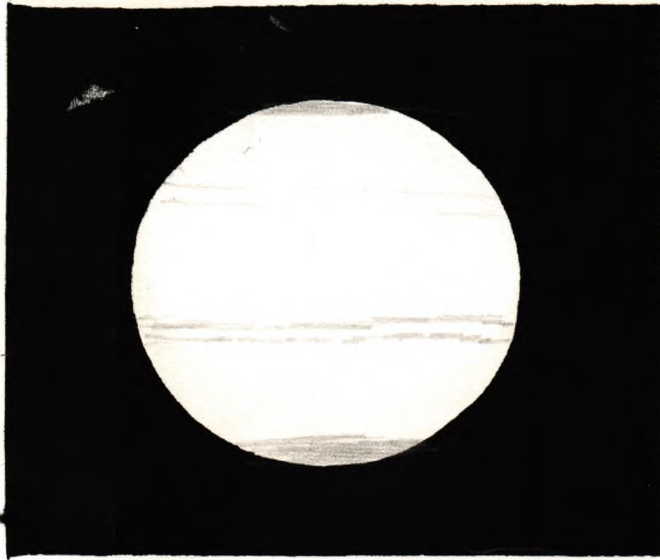
Telephone No. 236.....

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PLANETARY OBSERVATIONS

Zones

all some.



OBI

4

56 (both some)

2

1

3

estimate

4.0

6.0?

5.5?

4.0

Planet Jupiter.....

Date July 12-13, 1961.....

Observer D. ZACHON.....

Local Time 11:31 - 3.7.....

Universal Time

Central Meridian (1)

(2)

Telescope 6".....

Eyepiece 150.....

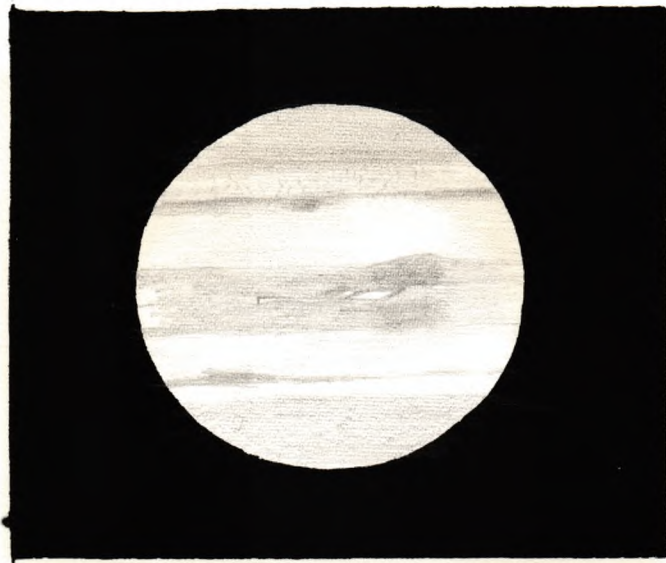
Seeing good.....

Transparency poor.....

Remarks :

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Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *July 12/13/61*

Observer *Kenneth Chalk*

Local Time *23:41 - 23:50 EDT*

Universal Time *3:41 - 3:50*

Central Meridian (1)

(2)

Telescope *6" refractor*

Eye-piece *150X*

Seeing *# 5*

Transparency *2*

Remarks :

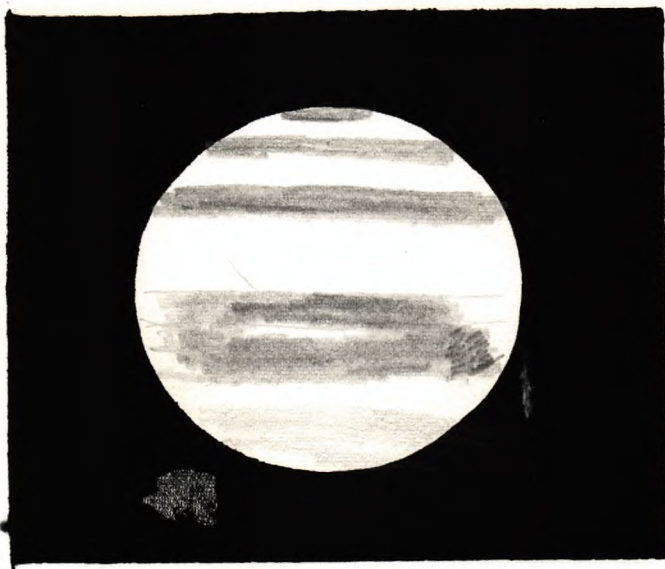
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Montreal Centre

PLANETARY OBSERVATIONS

Belts?
ZONE

Zones?
BELT

4
2
1
3



4
3
1?
2

Planet JUPITER

Date JULY 12/13/61

Observer FRANK CAMBRIA

Local Time 24⁰⁰

Universal Time 4 A.M.

Central Meridian (1)

(2)

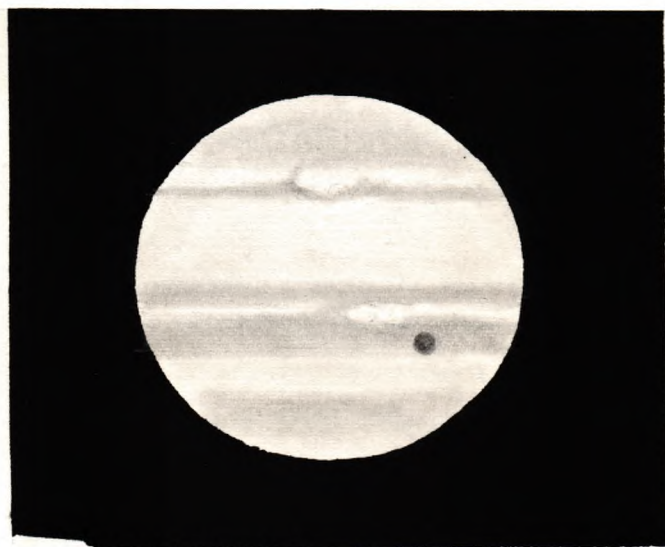
Telescope 6" REFR

Eyepiece 160X

Seeing 1

Transparency 5

Remarks :



ORIG.

Planet JUPITER.....

Date . JULY 17/18 1961

Observer . G. WEDGE

Local Time 23:35-23:45

Universal Time . 03:35-03:45

Central Meridian (1) . 73°

(2) . 303°

Telescope . 6" REFRACTOR

Eyepiece . 220X

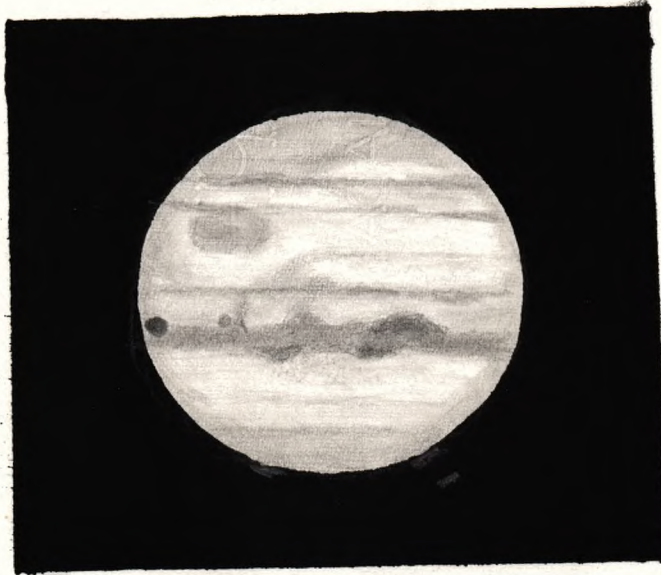
Seeing . 4-5

Transparency . 2

Remarks :

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PLANETARY OBSERVATIONS



06:19.6
sh 1/2 off

PLANET JUPITER

Date JULY 17/18, 1961

Local Time ~~06:05 - 06:25~~

Universal Time 06:15 (06:05 - 06:25)

Central Meridian (1) 167°

(2) 37°

Telescope 8" REFLECTOR

Eyepiece 240x

Seeing 4

Transparency 4

Remarks: III & Shadow on disk. ~~☉~~

Observer GEOFFREY GAHERTY, JR

Address

Telephone No.

SIMULTANEOUS OBSERVATION PROGRAM

July 18, 1961: JUPITER

Supplementary observations:

8" Reflector/240x/S-4/T-3-4/Geoffrey Gaherty, Jr:

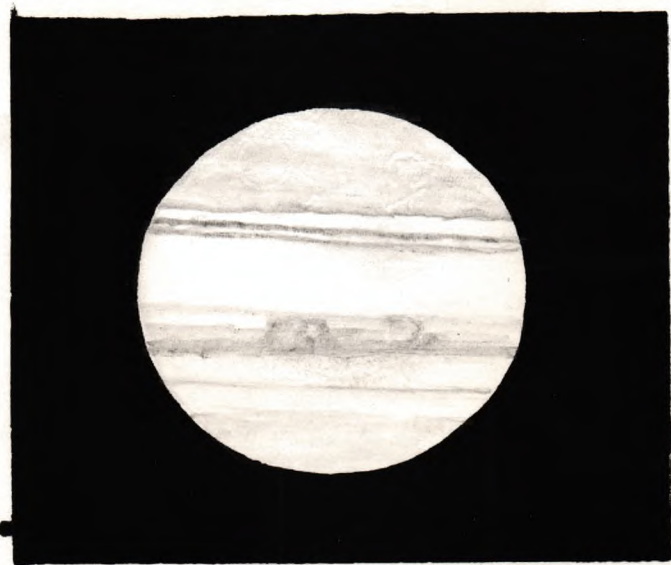
U.T.	I	II	Observation
05:14	-	-	Observations commenced
05:15	-	-	Satellite III on central meridian
05:22	-	5	Transit # 86: RSc
05:24	-	-	Intensity estimates commenced (see below)
05:28	-	8	Transit # 87: Df (sect) STB
05:36	144	13	Intensity estimates:
			NPR.....3.8 STBf.....5.0 NTeZ.....6.0
			SPR.....4.2 SEBs.....5.0 NTB.....5.2
			Sh III....0.0 NNTB.....3.7 STeZp.....6.0
			NEB.....2.5 RS.....3.8 STeZf.....5.5
			III.....1.5 SEBZ.....6.0 SSteZf....5.9
			SEBn.....3.0 STRZ.....6.5 SSteZp....4.2
			STBp.....3.3 EZ.....5.5
			SSTB.....3.6 NTrZ.....6.2
05:39	-	15	Transit # 88: RSf
05:47	-	-	Intensity estimates completed. (EZ fest missed while estimating intensities.)
05:52	-	23	Transit # 89: Df (cond) NEBn
05:54	155	-	Transit # 90: Dp (base indef fest) S edge NEB
06:00	158	-	Transit # 91: Dc (base indef fest) S edge NEB
06:02	-	29	Transit # 92: Wp (sect) SSteZ
06:06	162	-	Transit # 93: Df (base indef fest) S edge NEB
06:05	-	-	Drawing commenced (latitudes of belts plotted, etc.)
06:15	167	37	Major detail placed in drawing.
06:19.6	-	-	Shadow of III now half off limb of Jupiter.
06:25	-	-	Drawing completed.
06:30	-	-	Observations discontinued.

Note: Some other observations were made earlier in the evening by George Wedge and the writer using the 6-inch refractor of the Montreal Centre and may be had on request.

Submitted by
Geoffrey Gaherty, Jr,
636, Sydenham Avenue,
Montreal 6, Quebec,
Canada.

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



PLANET *Jupiter*.....

Date *July 19-20 / 61*.....

Local Time *10:30 - 10:40*.....

Universal Time *21:30 - 21:40*.....

Central Meridian (1) *349°*.....

(2) *204°*.....

Telescope *2.4 in refractor*.....

Eyepiece *100X*.....

Seeing *5-7*.....

Transparency *3-4*.....

Remarks: *The NEB has lost intensity since April while the SEB has gained intensity*

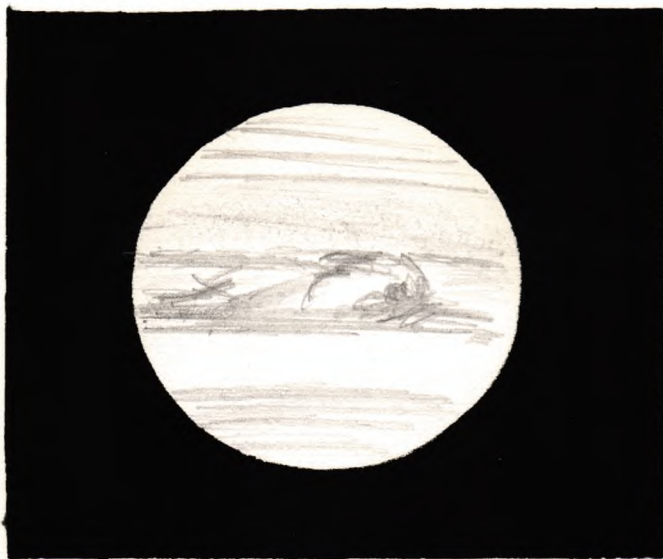
Observer *Bob Hawkins*.....

Address *145 Lakeview Ave
Pte. Claire*.....

Telephone No. *OX 5 4880*.....

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Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *July 18/70*

Local Time *22:00 EST*

Observer *Louis Buelow*

Universal Time *0300*

Central Meridian (1) (2)

Telescope *6" Refractor*

Seeing *4-5*

Eye-piece *X220*

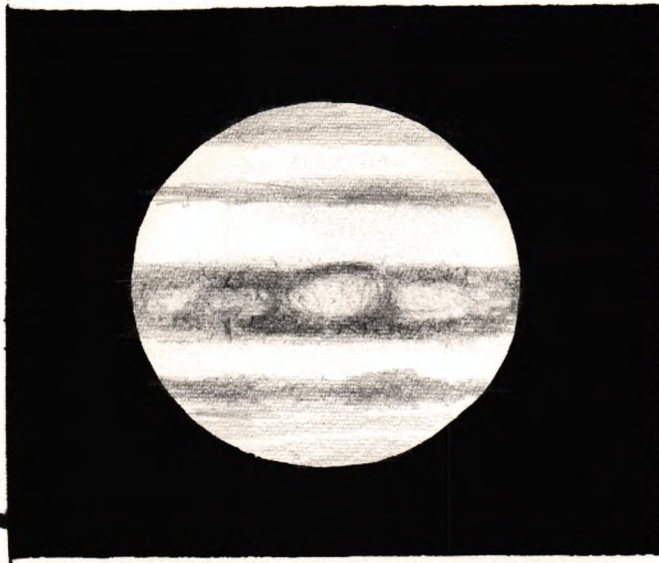
Transparency *3-4*

Remarks :

First Time out --

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PLANETARY OBSERVATIONS



Planet *Jupiter*.....

Date *July 19/20/61*.....

Observer *Rita Prezant*.....

Local Time *23:00*.....

Universal Time *3:00*.....

Central Meridian (1)

(2)

Telescope *6" Ref*.....

Eyepiece *220*.....

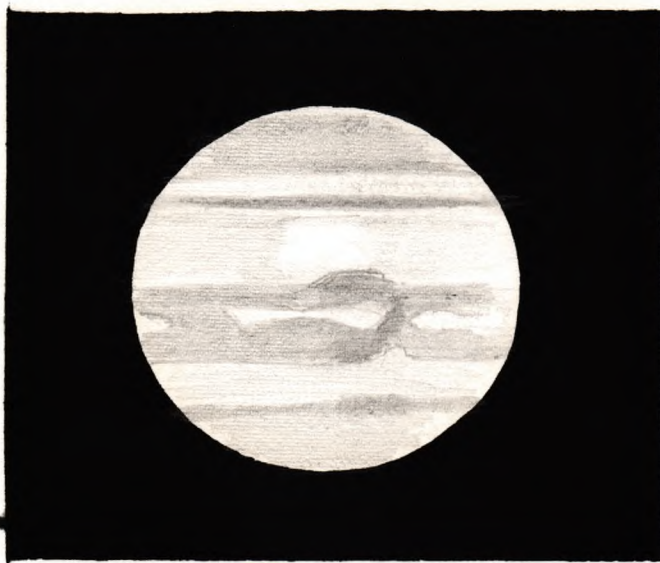
Seeing *3-5*.....

Transparency *3-4*.....

Remarks :

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Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *July 19-20/61*

Local Time *11:09 - 11:22*

Central Meridian (1) (2)

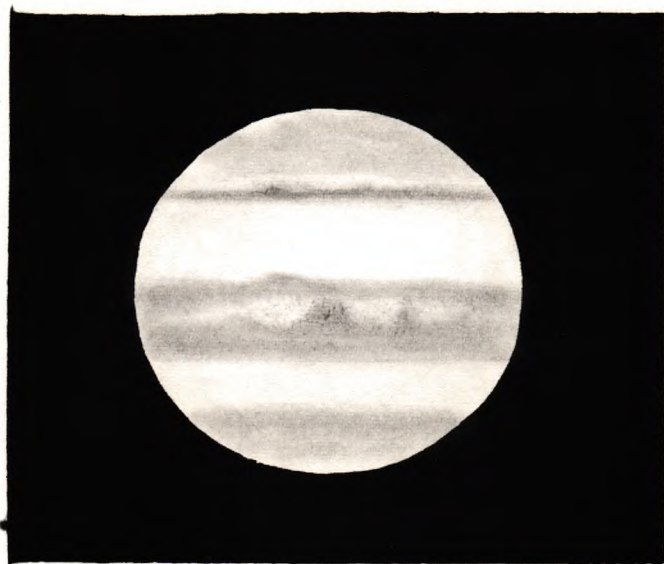
Telescope *6" refr.* Eyepiece *220x*

Seeing *3.4* Transparency *#3*

Remarks :

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PLANETARY OBSERVATIONS



Planet JUPITER.....

Date JULY 19/20 1961

Observer G. WEDGE.....

Local Time 23:40-23:50 EDT

Universal Time 03:40-03:50.....

Central Meridian (1)

(2)

Telescope 6" REFRACTOR.....

Eye piece 22X.....

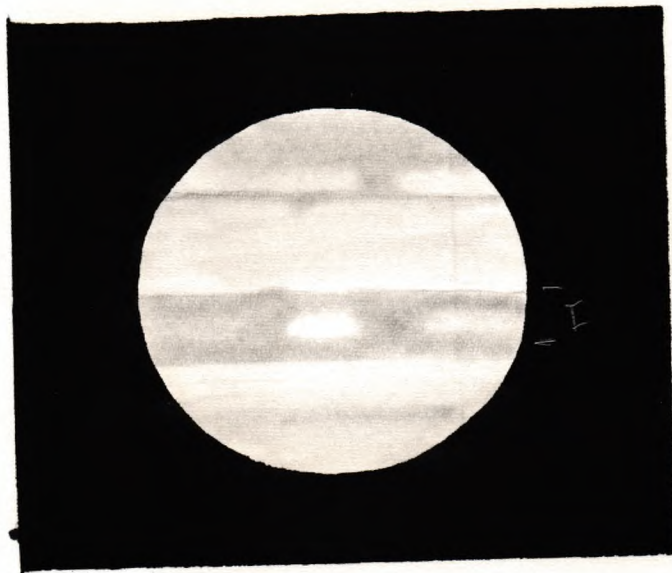
Seeing 5/10.....

Transparency 3/5.....

Remarks :

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PLANETARY OBSERVATIONS



Planet JUPITER.....

Date .. <u>JULY 21/22</u>	Observer ... <u>S. WEDGE</u>
Local Time <u>23:05-23:15</u> .	Universal Time <u>03:05-03:15</u> ...
Central Meridian (1) ... <u>327°</u>	(2) ... <u>121</u>
Telescope <u>6" REFRACTOR</u> ...	Eyepiece <u>220X</u>
Seeing ... <u>1-2</u>	Transparency .. <u>3-4</u>
Remarks :	

H-1

J-2

A-2

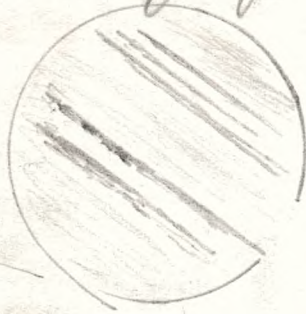
J-1

JULY 21/22 / 24

1961

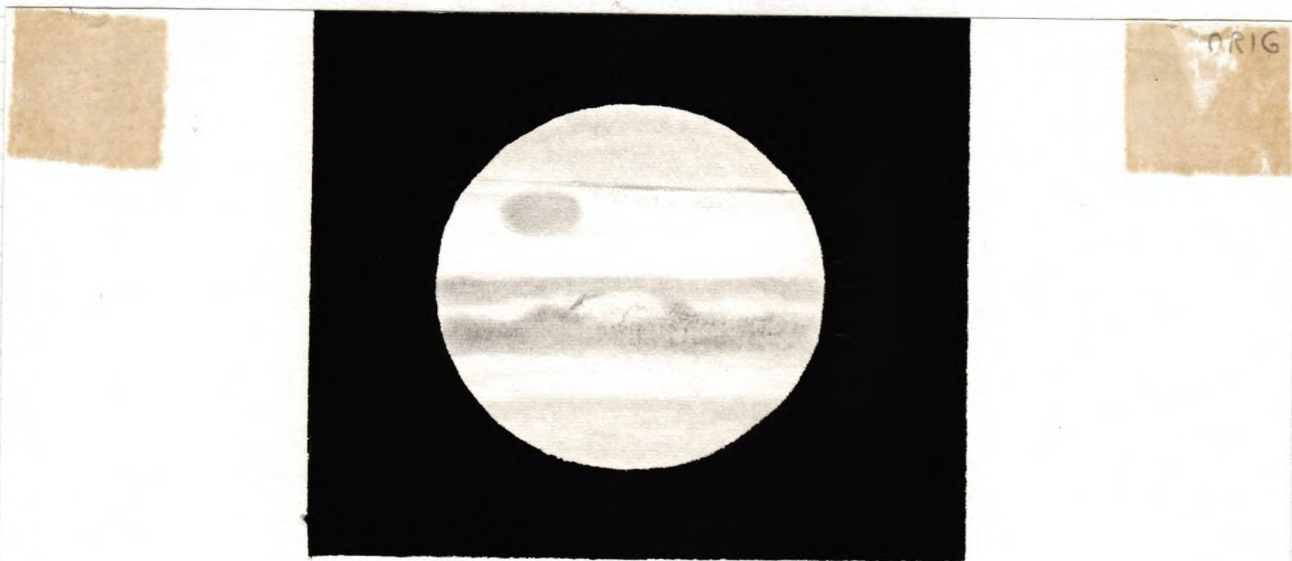
H-28

between 2:14 and 2:34 EST.
Observed Jupiter



100mm Refractor X140
Seeing 7.
Image lazy

F. J. DeKinder



Planet JUPITER.....

Date JULY 22/23 EDT.....

Observer G. WEDGE.....

Local Time 01:00-01:10.....

Universal Time 05:00-05:10.....

Central Meridian (1) 276°.....

(2) 26°.....

Telescope 6" REFRACTOR.....

Eye piece 220X.....

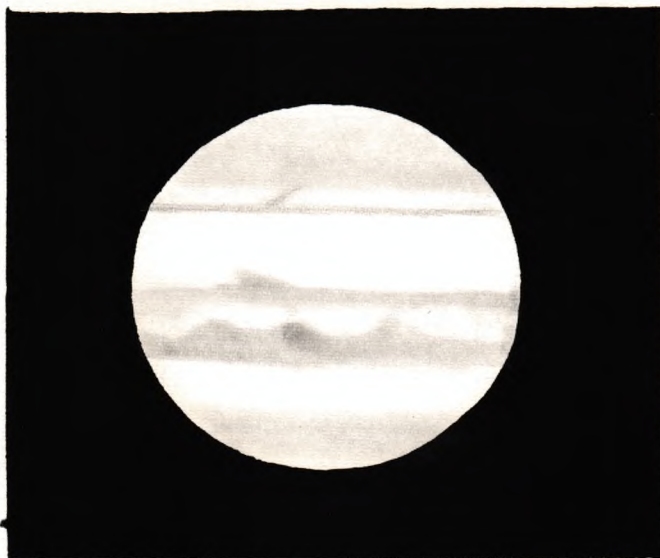
Seeing 3.....

Transparency 4.....

Remarks :

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Montreal Centre

PLANETARY OBSERVATIONS



Planet JUPITER.....

Date .. JULY 26/27.....

Observer .. S. WEDGE.....

Local Time 23:05-23:15..

Universal Time .. 03:05-03:15..

Central Meridian (1)

(2) ?

Telescope .. 6" REFRACTOR...

Eyepiece .. 220X.....

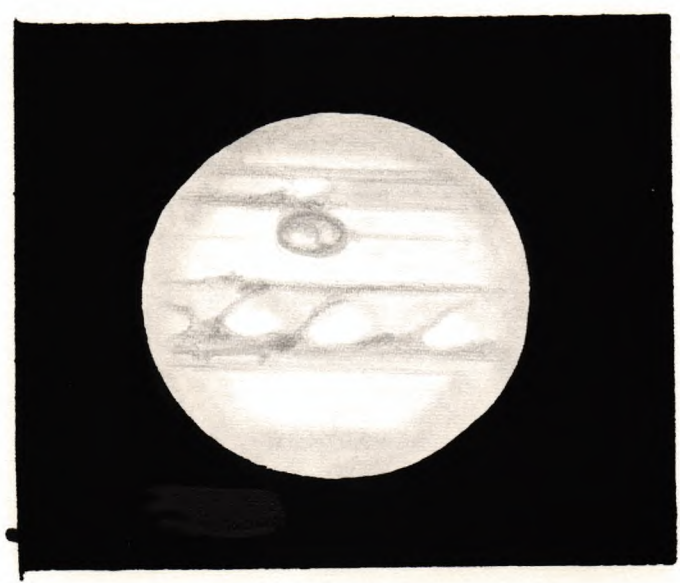
Seeing .. 4-5.....

Transparency .. 2-1.....

Remarks :

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PLANETARY OBSERVATIONS



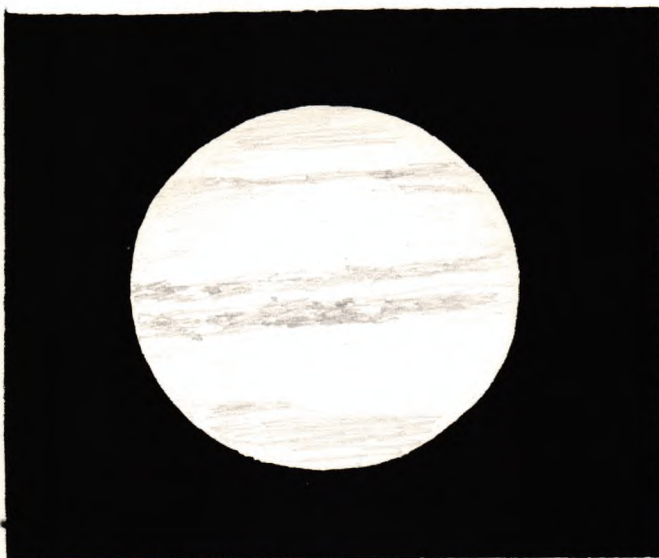
Planet *Jupiter*.....

Date ... <i>Aug. 1-2 1961</i>	Observer ... <i>R. BRASCH</i>
Local Time ... <i>22:40 EDT</i>	Universal Time ... <i>02:40</i>
Central Meridian (1) ... <i>246</i>	(2) ... <i>3</i>
Telescope ... <i>8" Refl.</i>	Eyepiece ... <i>16.5 - 300</i>
Seeing ... <i>4-6</i>	Transparency ... <i>5</i>

Remarks :
Very good conditions revealed minute detail in Red Spot as well as very conspicuous pinkish-red colour.

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PLANETARY OBSERVATIONS



Planet Jupiter.....

Date August 1, 1961....

Observer Frank J. DeKinder..

Local Time 9:25 - 9:40 EST

Universal Time 5:25 - 5:40.....

Central Meridian (1)

(2)

Telescope 6.8" Refractor

Eyepiece x145 Good.....

Seeing Fair.....

Transparency Fair.....

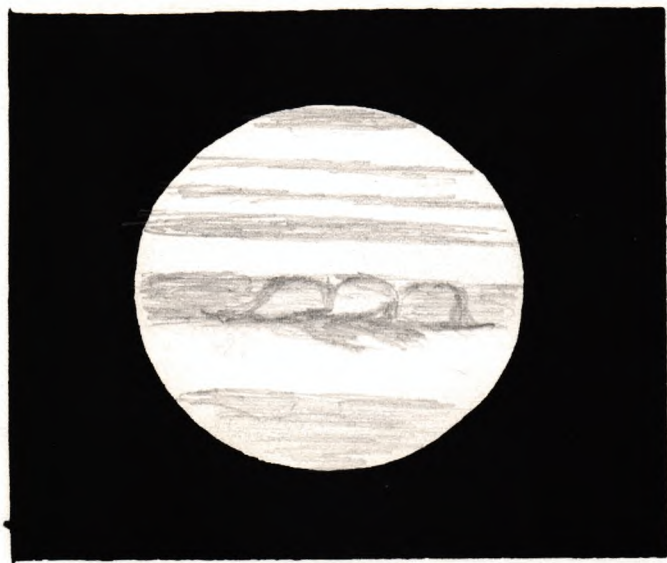
Remarks :

Passing light cirrus clouds.
Cloud bank, just below.



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PLANETARY OBSERVATIONS



Planet Jupiter

Date Aug 4/5/60

Local Time 22:55 EST EDT

Universal Time 02:55

Central Meridian (1) (2)

Telescope 6 Refractor

Seeing 3

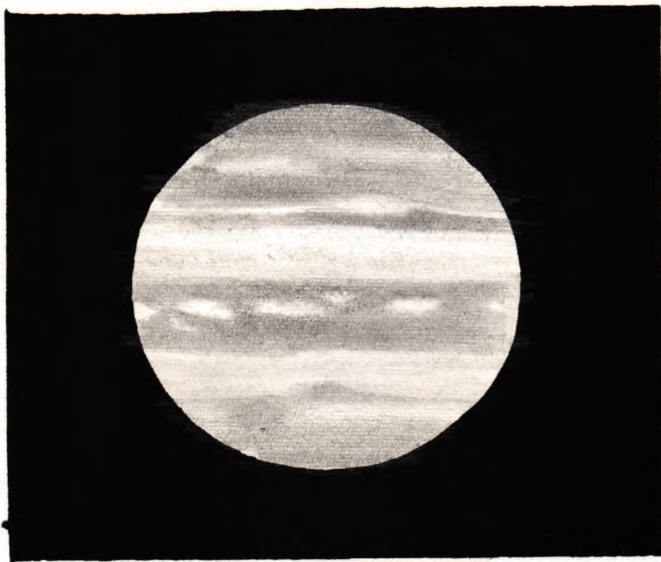
Eye-piece X220

Transparency γ

Remarks :

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PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *Aug 4/5, '61* Observer *K. Chalk*

Local Time *23:15-23:30* Universal Time *03:15-03:30*

Central Meridian (1) (2)

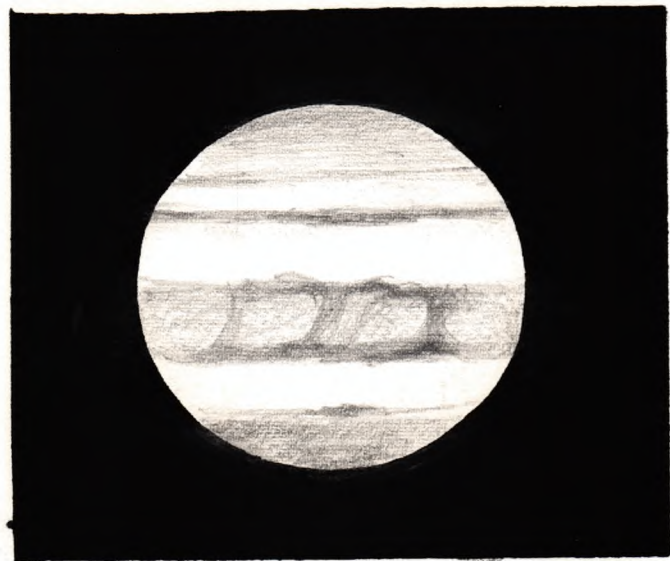
Telescope *6" refr* Eyepiece *220x*

Seeing *6* Transparency *3*

Remarks : *Hurried because George wanted to do transits.*

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *Aug 5/6 1961* Observer *Rita Prazanant*

Local Time *22:30-22:37* Universal Time *2:30-2:37*

Central Meridian (1) (2)

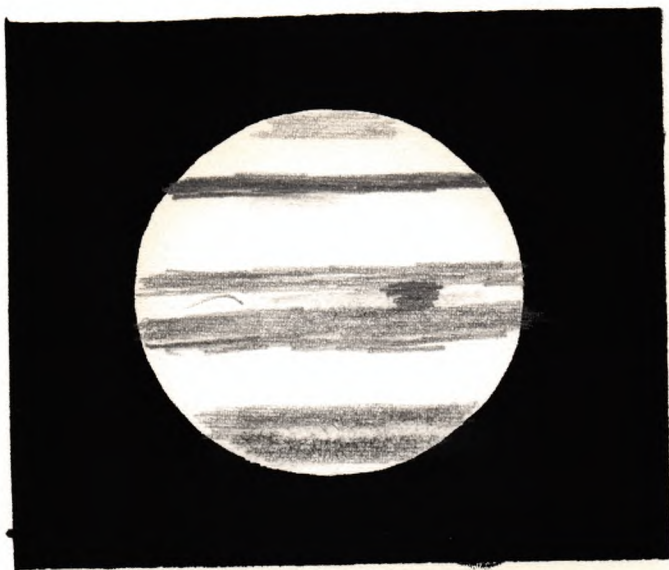
Telescope *6" Refr* Eyepiece *150*

Seeing *4* Transparency *3*

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet *JUPITER*.....

Date *5-6 Aug. 1961*.....

Local Time *2145 EST*.....

Central Meridian (1) (2)

Telescope *6" Refractor*.....

Seeing
H

Observer *Bryan Rawlings*.....

Universal Time *0245*.....

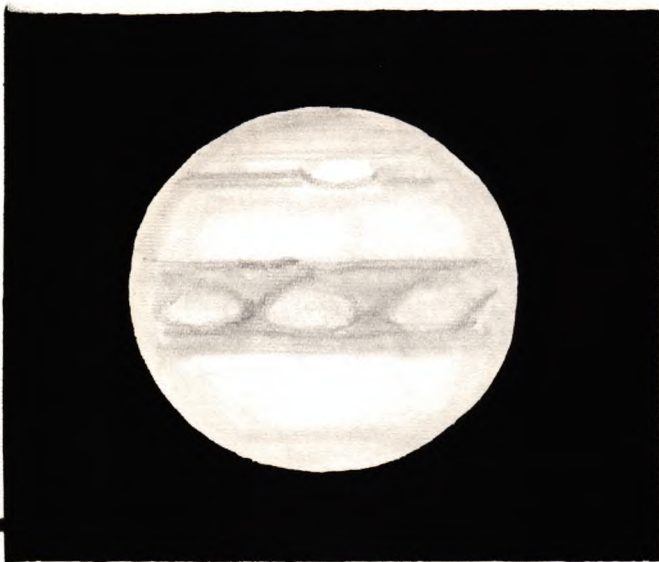
Eye-piece *150x*.....

Transparency *3*.....

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*.....

Date *Aug 6 1961*.....

Observer *K. R. Brasch*.....

Local Time *22:50 - 22:55*.....

Universal Time *02:50 - 02:55*.....

Central Meridian (1)

(2)

Telescope *6" Refr*.....

Eyepiece *150x*.....

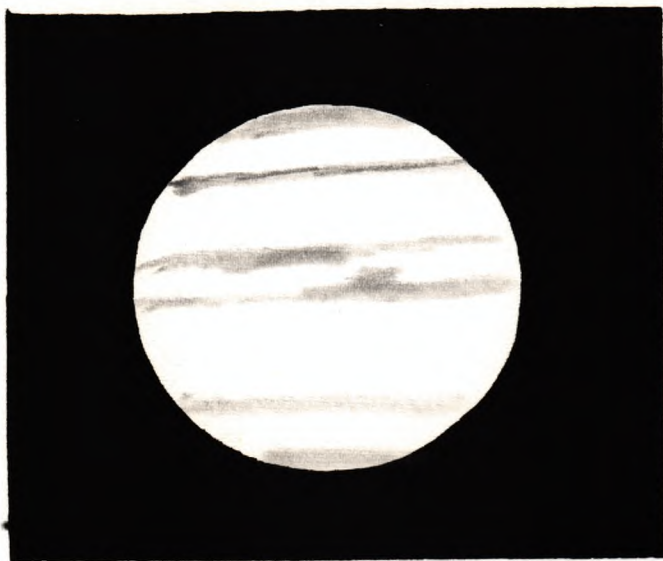
Seeing *4*.....

Transparency *3-4*.....

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *Aug. 5/6 1961*

Observer *J. mmusgrave*

Local Time *23:00 hrs.*

Universal Time *03:00*

Central Meridian (1)

(2)

Telescope *6" Refractor*

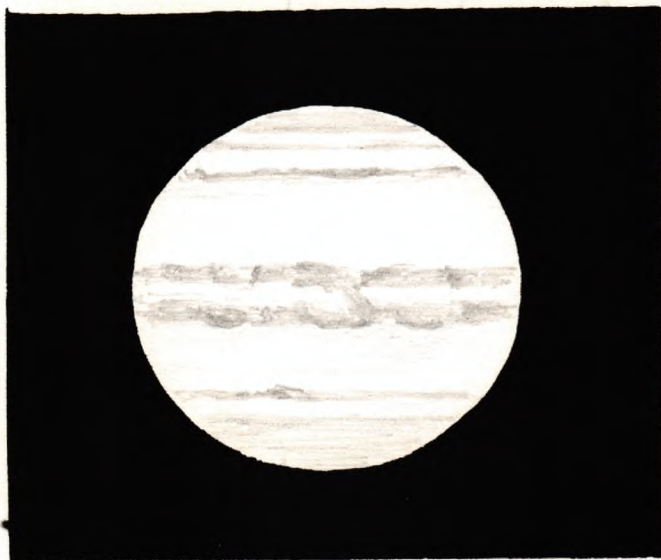
Eyepiece *1.50*

Seeing *0*

Transparency *2*

Remarks :

PLANETARY OBSERVATIONS



Planet Jupiter

Date August 5-6-1961

Observer Frank J. Jakinder

Local Time 10.05 EST

Universal Time 15.05

Central Meridian (1)

(2)

Telescope 10.8" Refractor

Eyepiece 145x

Seeing 7

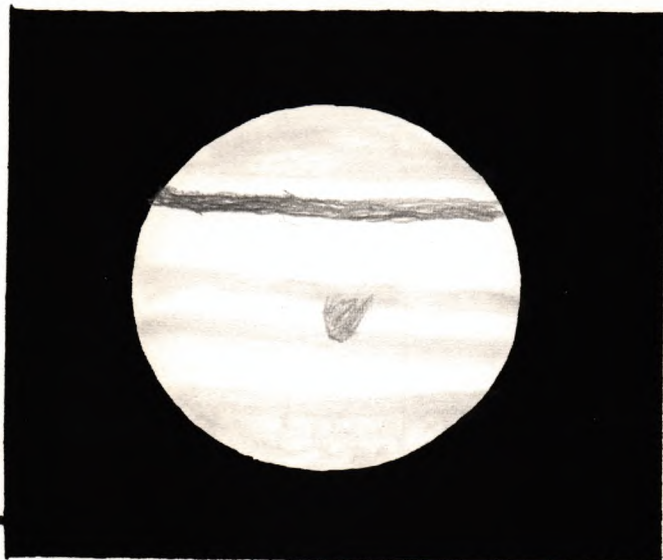
Transparency 4

?

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *August 5/6, 1961*

Local Time *23:15*

Observer *Jon Finkel*

Universal Time *03:15*

Central Meridian (1)

(2)

Telescope *6" refractor*

Eyeiece *1.50 X*

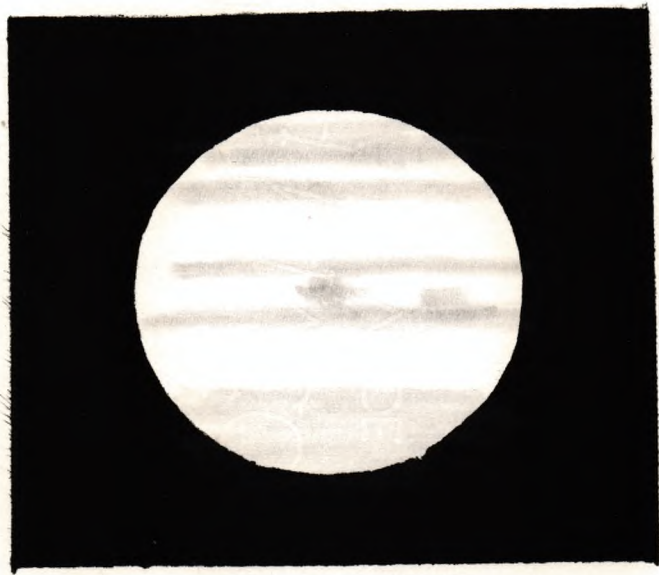
Seeing *4*

Transparency *2*

Remarks :

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



PLANET *Jupiter*

Date *Aug. 5/6 1961*

Local Time *23.35*

Universal Time *03.35*

Central Meridian (1)

(2)

Telescope *6" reflector REFR*

Eyepiece *150x*

Seeing *5*

Transparency *2*

Remarks:

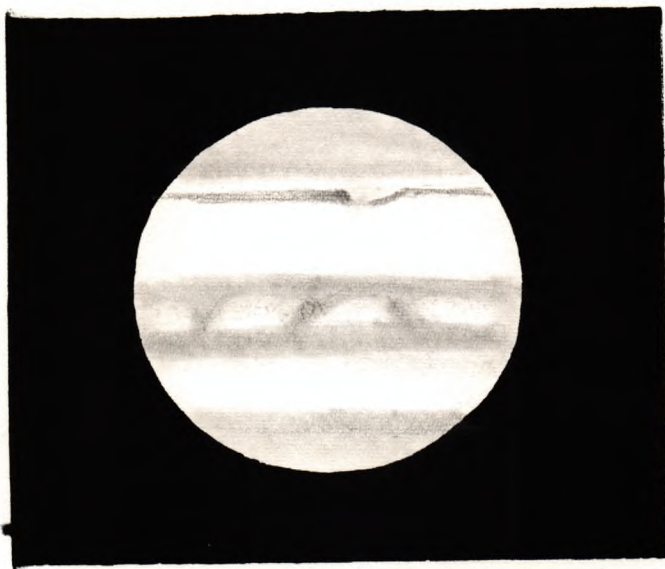
Observer *V. Williams*

Address *1857 Aird Ave*

Telephone No.

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet JUPITER.....

Date AUG. 5/6 1961

Observer S. WEDGE.....

Local Time 23:40-23:50 EDT

Universal Time 03:40-03:50

Central Meridian (1) 198°.....

(2) 283°.....

Telescope 6" REFRACTOR

Eyepiece 150x.....

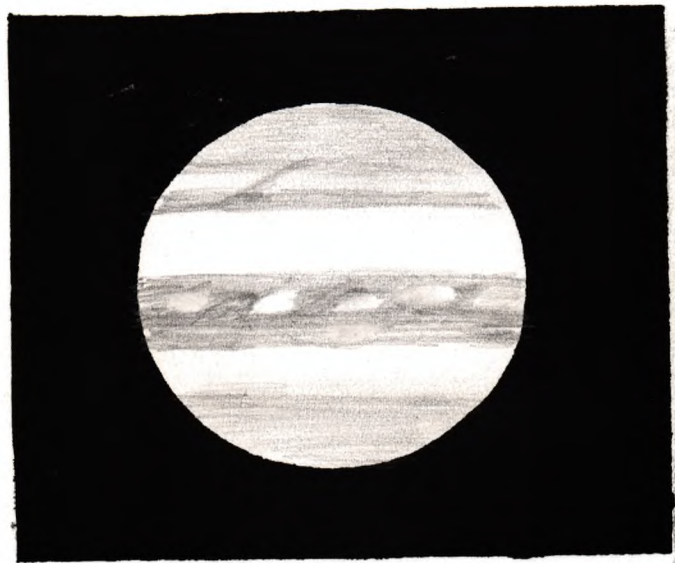
Seeing 5.....

Transparency 2.....

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



PLANET *Jupiter*

Date *Aug 7/8-61*

Local Time *2120 EST*

Universal Time *0220*

Central Meridian (1)

(2)

Telescope *6" Refractor*

Eye-piece *x220*

Seeing *3*

Transparency *3*

Remarks:

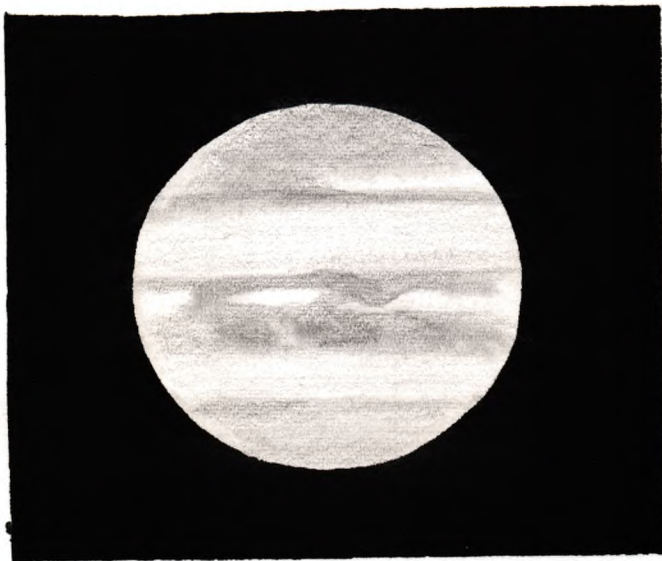
Observer *Louis Duchov*

Address *5987 Macdonald Ave*

Telephone No.

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Date *Aug 7/8 / 61* PLANET *Jupiter*

Local Time *22:38 - 22:50 EDT* Universal Time *2:38 - 2:50*

Central Meridian (1) (2)

Telescope *6" refractor* Eyepiece *220x*

Seeing *5* Transparency *4*

Remarks:

Observer *Kenneth Clark*

Address *3489 Grey Avenue*

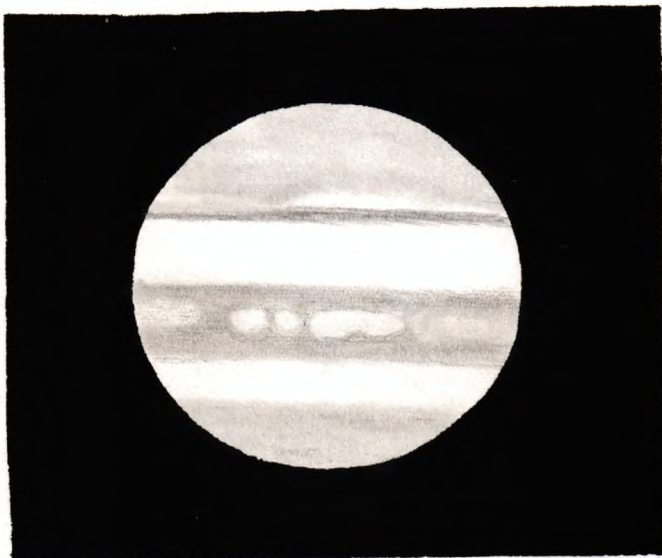
Telephone No. *406-8819*

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Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



PLANET JUPITER.....

Date AUG 7/8 1961.....

Local Time 23:00-23:10.....

Universal Time 03:00-03:10.....

Central Meridian (1)

(2)

Telescope 6" REFRACTOR.....

Eyepiece 220X.....

Seeing 2-3.....

Transparency 1-2.....

Remarks:

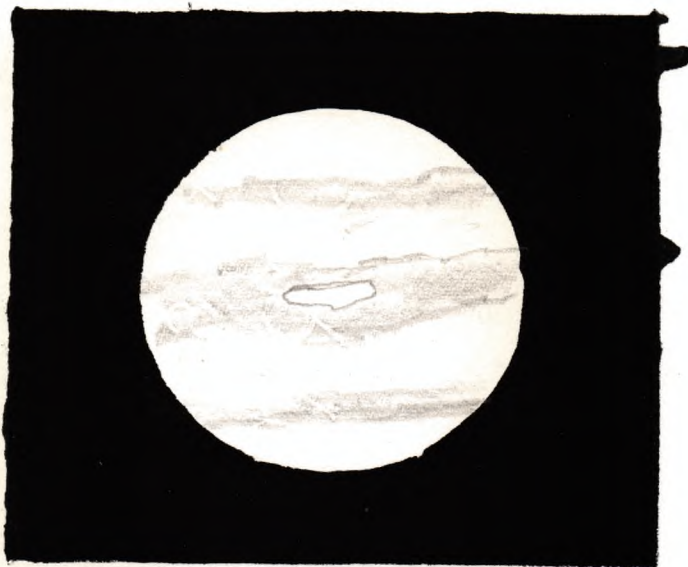
Observer J. Meda.....

Address

Telephone No.

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



PLANET

Date *Aug 9/10/61*

Local Time *21.55*

Universal Time *21.55*

Central Meridian (1)

(2)

Telescope *6" REFRACTOR*

Eyepiece *1.50x*

Seeing *FAIR*

Transparency *FAIR*

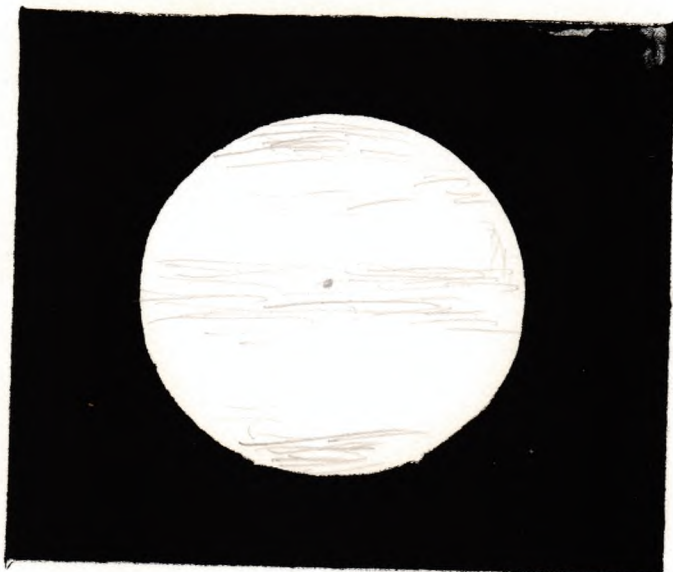
Remarks:

Observer *James Smith*
Address *5387 Coleraine St Mtl 22*

Telephone No. *WE-7-5283*

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



PLANET *Jupiter*

Date *August 9th 61*

Local Time *21:59 - 22:01*

Universal Time *01:59 - 02:01*
~~*03:59 - 04:01*~~

Central Meridian (1)

(2)

Telescope *6" Refractor*

Eyepiece *150*

Seeing *5*

Transparency

Remarks:

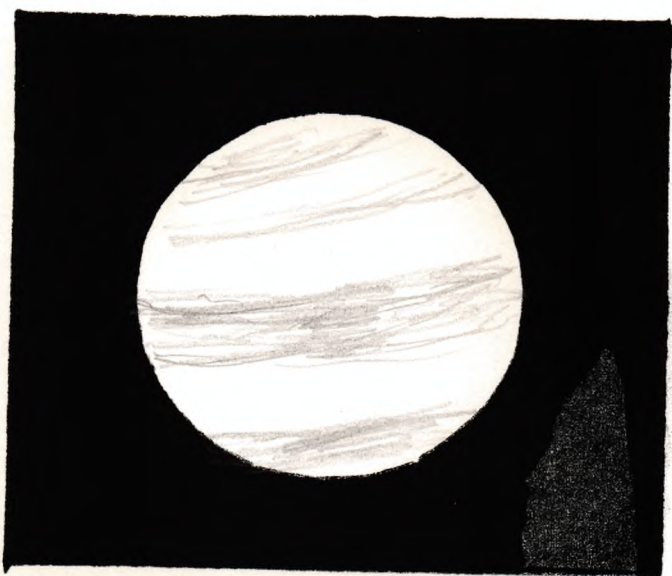
Observer *Ella Sack*

Address

Telephone No.

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



PLANET *Jupiter*.....

Date *9/18/61*.....

Local Time *22.05*.....

Universal Time *02.25 02:05*.....

Central Meridian (1)

(2)

Telescope *6" Refractor*.....

Eyepiece *150*.....

Seeing *fair*.....

Transparency *fair*.....

Remarks:

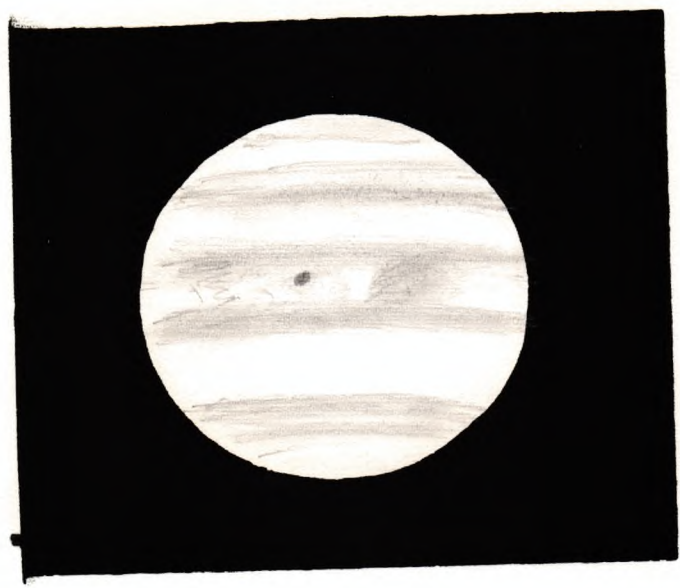
Observer *Betty Smith*.....

Address *2387 Coleraine St*.....

Telephone No. *We 7-5283*.....

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet JUPITER

Date AUG 9/10, 1961

Observer FRANK FRIEDMANN

Local Time 22:10 - 22:15

Universal Time 02:10 - 02:15

Central Meridian (1)

(2)

Telescope 6" REFRACTOR

Eyepiece 150

Seeing 4.5

Transparency 3

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet JUPITER.....

Date Aug 9/10/61..... Observer F. CAMBRIA.....

Local Time 22:30..... Universal Time 2:30.....

Central Meridian (1) (2)

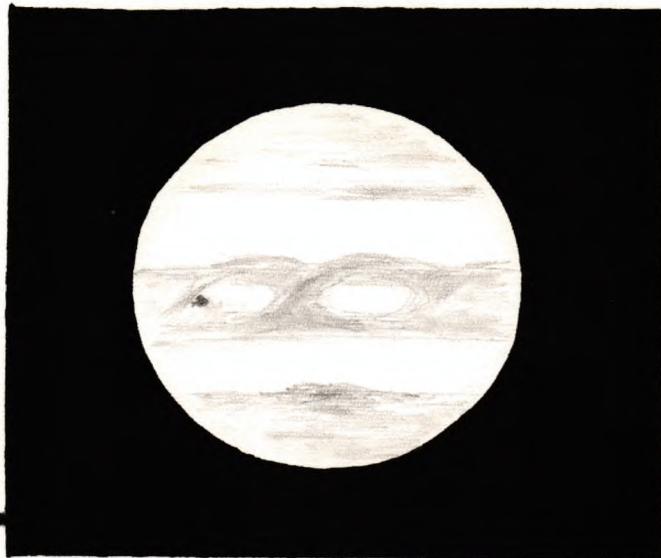
Telescope 6" REFR..... Eyepiece 150X.....

Seeing 4..... Transparency 2.....

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet .. JUPITER

Date .. AUG 9/10 1961

Observer .. I. K. WILLIAMSON

Local Time .. 22:35 - 22:45 EDT

Universal Time .. 02:35 - 02:45

Central Meridian (1)

(2)

Telescope .. 6" REFRACTOR

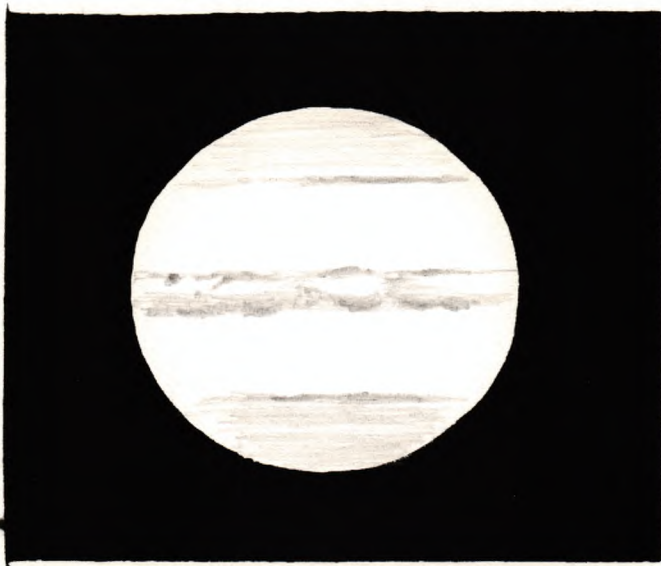
Eyepiece .. 150X

Seeing .. 4

Transparency .. 3

Remarks :

PLANETARY OBSERVATIONS



Planet Jupiter.....

Date Aug 9/10 1961.....

Observer Frank J. DeKinder.....

Local Time 21.51 EST - 22.00.....

Universal Time ~~16.51~~ 02:51 - 03:00.....

Central Meridian (1)

(2)

Telescope 108 mm Refractor.....

Eyepiece 14.5.....

Seeing 7.....

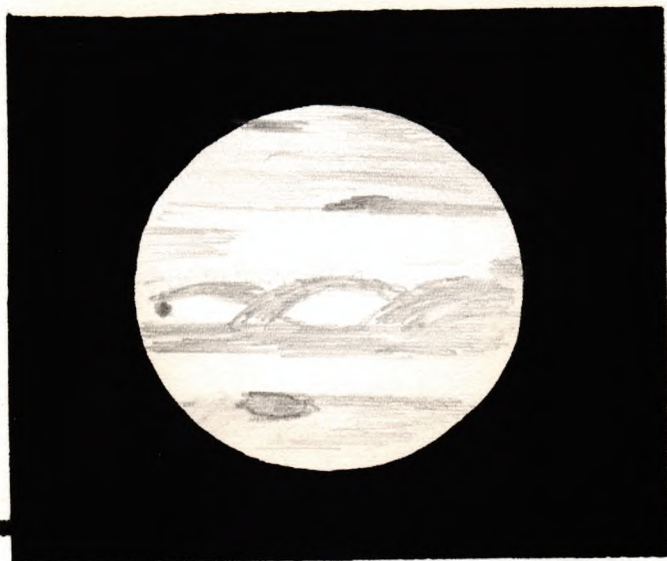
Transparency 5.....

Remarks : The 4th satellite just emerging from disk
Shadow plainly visible.

21.51 EST

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Date Aug 9/10-61 Planet Jupiter
 Local Time 22:10 Observer Lewis Tucker
 Universal Time 0310
 Central Meridian (1) (2)
 Telescope 6" Reflector Eyepiece 150x
 Seeing 6 Transparency 4

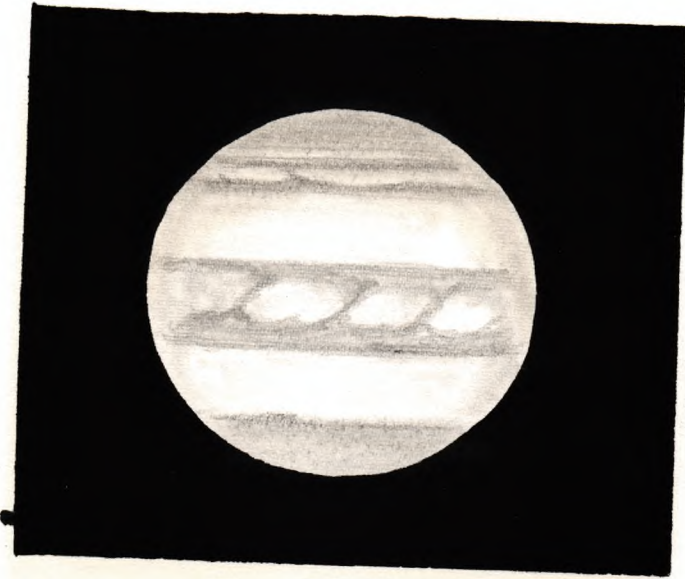
Remarks :

note shadow of satellite.
 First contact of T. E. of shadow 22:10
 Shadow placed on this drawing was made
 at start of observation.

46

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PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *Aug 9/10 1961*

Observer *K. Brasch*

Local Time *23.15 - 23.22*

Universal Time *03.15 - 03.22*

Central Meridian (1)

(2)

Telescope *6" Refr.*

Eyepiece *150*

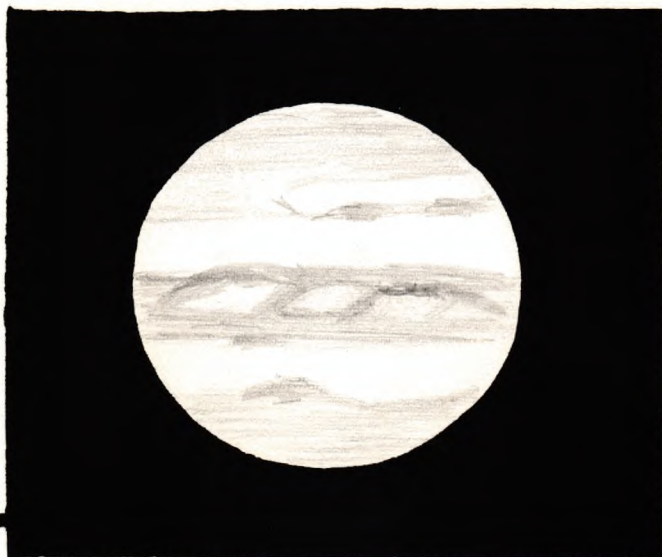
Seeing *4*

Transparency *3*

Remarks :

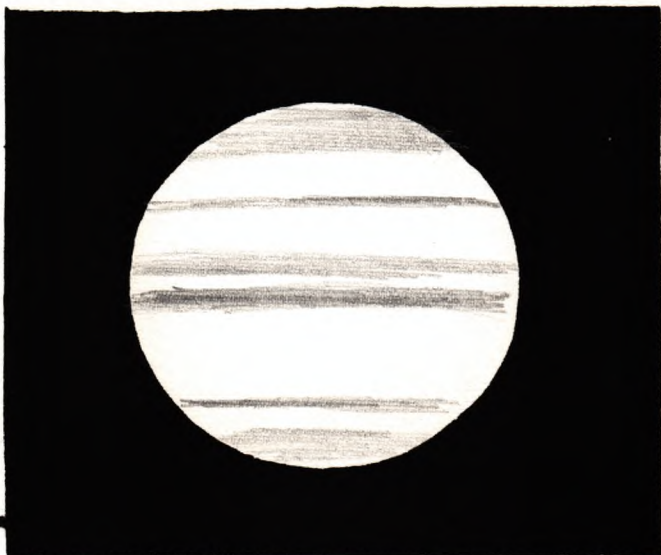
Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*.....
Date *Aug 14/15-61*..... Observer *Rensis R. Bucher*.....
Local Time *2048-2058 EST*..... Universal Time *0148-0158*.....
Central Meridian (1) (2)
Telescope *6" Refractor*..... Eyepiece *150x*.....
Seeing *3-4*..... Transparency *3-4*.....
Remarks :

PLANETARY OBSERVATIONS



6
5
3
4
1
2
5

Planet *Jupiter*

Date *Aug. 14/15-61*

Observer *Louis Duchov*

Local Time *2130 EST*

Universal Time *02:30*

Central Meridian (1)

(2)

Telescope *6" Refractor*

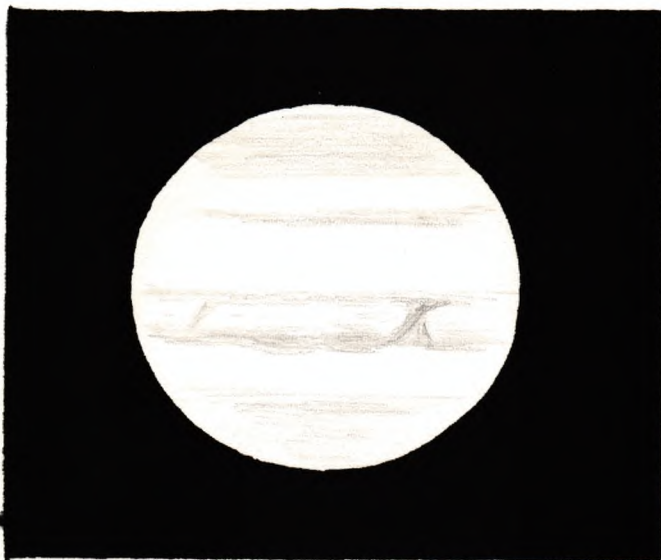
Eyeiece *150x*

Seeing *4*

Transparency *3*

Remarks :

PLANETARY OBSERVATIONS



Planet JUPITER.....

Date ..AUG. 14/15. 1961..

Observer ..I. K. WILLIAMSON.....

Local Time ..23:00 - 23:15..

Universal Time ..03:00 - 03:15.....

Central Meridian (1)

(2)

Telescope ..6" REFRACTOR...

Eyepiece

Seeing ..3.....

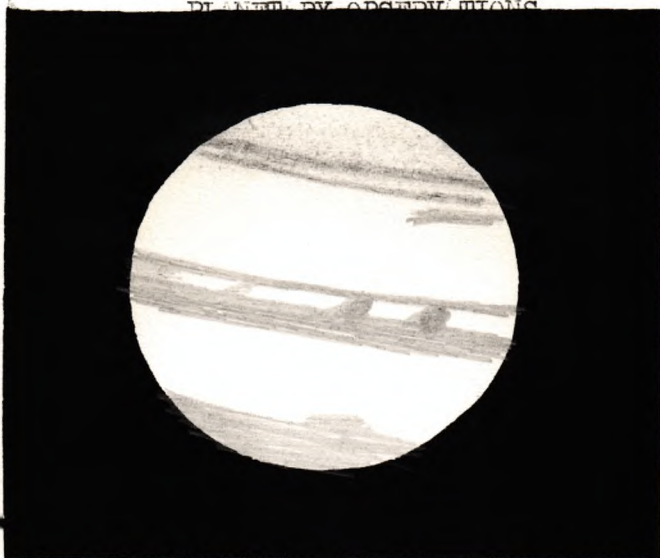
Transparency ..2.....

Remarks :

Other detail in NEB too elusive to draw.

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Montreal Centre

PLANETS BY OBSERVATIONS



Planet *JUPITER*

Date *16-17 Aug. 1961*

Observer *Bryan Rawlings*

Local Time *19:50 EST*

Universal Time *02:50*

Central Meridian (1)

(2)

Telescope *6" Refractor*

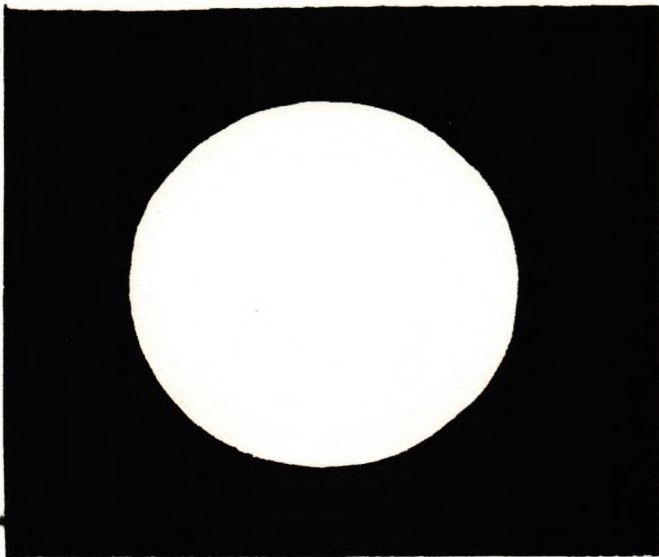
Eyepiece *150x*

Seeing *4*

Transparency *3*

Remarks :

PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *Aug. 16/1961*

Observer *F. J. De Kinder*

Local Time *21:22 EST*

Universal Time ~~16:22~~ *02:22*

Central Meridian (1)

(2)

Telescope *10.5" m. Refractor*

Eyepiece *x.14.5*

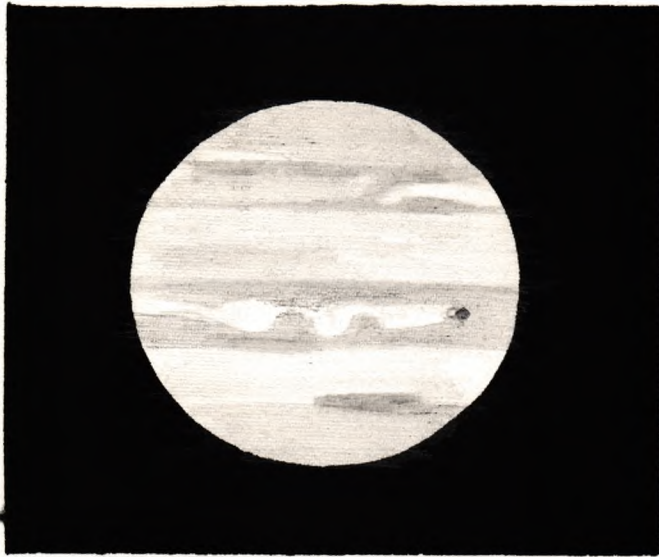
Seeing *Fair*

Transparency *not clear enough to make a satisfactory drawing*

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *Aug 16/17*

Observer *K. Chalk*

Local Time *23:05 - 23:22*

Universal Time *3:05 - 3:22*

Central Meridian (1)

(2)

Telescope *6" refr.*

Eyepiece *150X*

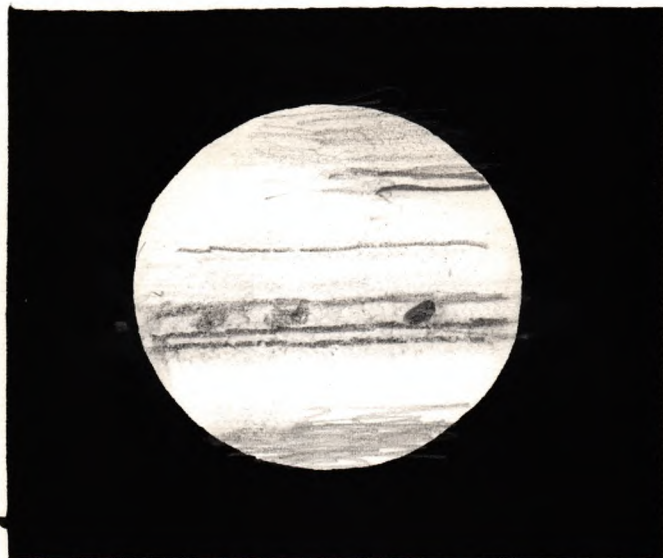
Seeing *5*

Transparency *4*

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet Jupiter.....

Date Aug. 16-17.....

Observer David Z. K. TRW

Local Time 11:34 EDD.....

Universal Time 03:34.....

Central Meridian (1)

(2)

Telescope 6".....

Eye-piece 1.50.....

Seeing 4.....

Transparency 4.....

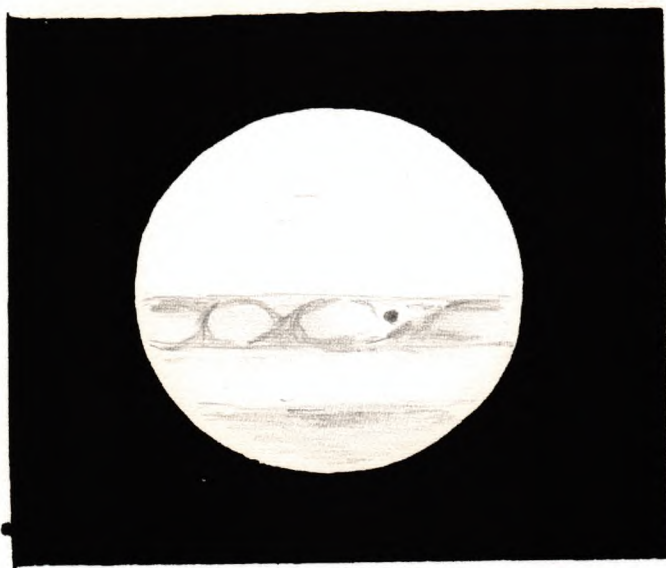
Remarks :

? = ~~Minor~~ SEBs uncertain

• Satellite shadow on following side of disk.

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Montreal Centre

PLANETARY OBSERVATIONS



Planet ..JUPITER.....

Date ..AUG. 16/17. 1961..

Observer ..I.K. Williamson.....

Local Time ..23:35 - 23:45.....

Universal Time ..03:35 - 03:45.....

Central Meridian (1)

(2)

Telescope ..6" REFRACTOR..

Eyepiece150X.....

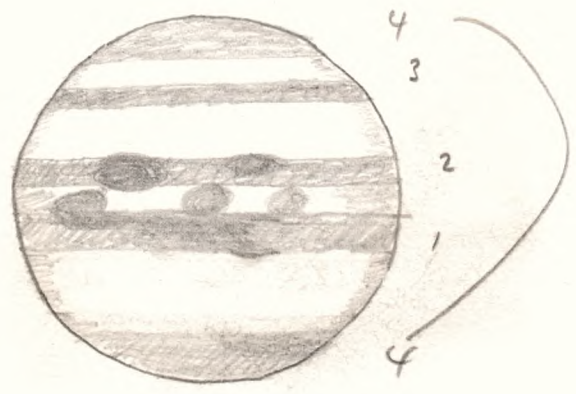
Seeing3.....

Transparency ...3.....

Remarks : could not finish drawing. Jupiter lost in trees.

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



PLANET ... *Jupiter*

Date ... *August 17th - 18th 1961*

Observer ... *Peter Foukal*

Local Time ... *9:33 PM - 9:46 PM*

Universal Time ... *01:33 - 01:46*

Central Meridian (1)

(2)

Telescope ... *4" refractor*

Power ... *124x*

Seeing (0 worst-10 best) ... *7*

Transparency (0 worst-5 best) ... *4*

Remarks:

f

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ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



PLANET JUPITER

Date AUG. 17/18 1961

Local Time 21:45 - 22:00 E.D.T

Universal Time 01:45 - 02:00

Central Meridian (1)

(2)

Telescope 80mm. Refr.

Eyepiece 173X

Seeing 4

Transparency 4

Remarks:

NEB a little too broad & a little too high, but surprising amount of detail for 80mm refr.

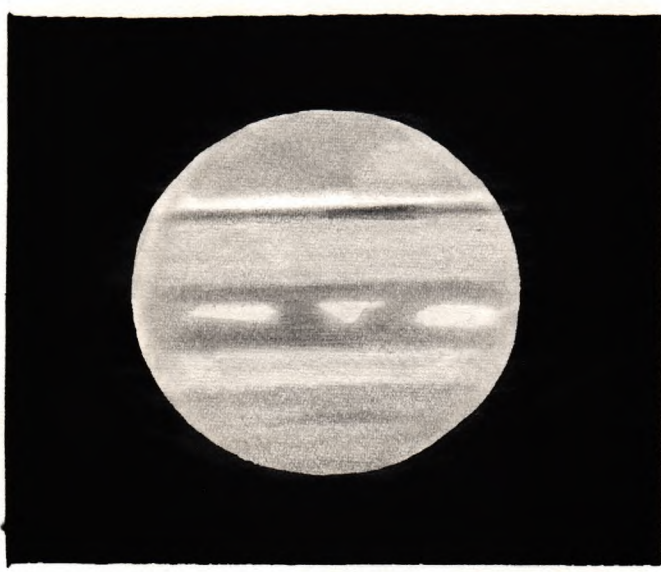
Observer I. K. WILLIAMSON

Address

Telephone No.

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *AVG 17/18, 1961*

Observer *R. Chall*

Local Time *20:45-20:50-21:01 EST*

Universal Time *01:45-01:50-02:01*

Central Meridian (1) (2)

Telescope *6" refractor*

Eyepiece *220x*

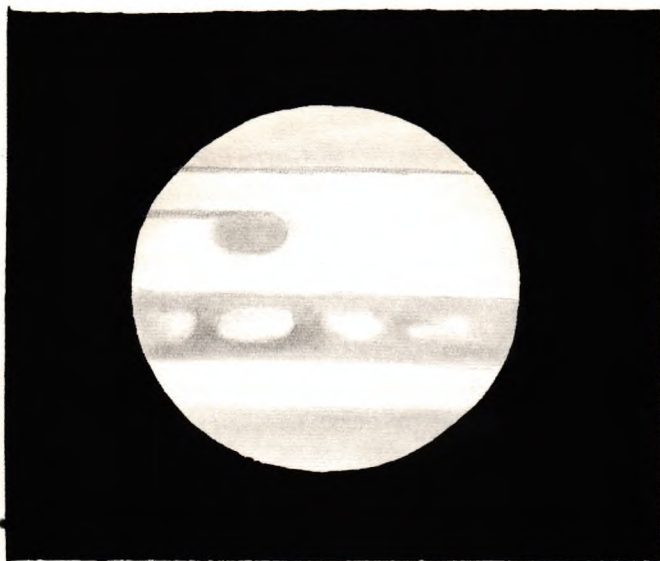
Seeing *4.5*

Transparency *3*

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet JUPITER.....

Date AUG 18/19.....

Observer G. WEDGE.....

Local Time 22:05-22:15.....

Universal Time 02:05-02:15.....

Central Meridian (1) 34°.....

(2) 21°.....

Telescope 6" REF.....

Eyepiece 220x.....

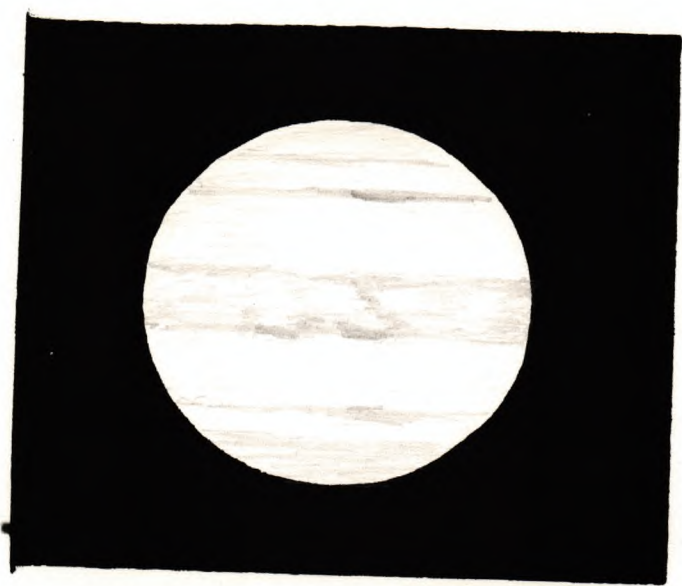
Seeing 3.....

Transparency 3.....

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet Jupiter

Date August 19-20 1961

Observer Fr. J. DeKinder

Local Time ~~22:25~~ 22:35 EST

Universal Time ~~17:25~~ 17:35 3:25 - 3:35

Central Meridian (1)

(2)

Telescope 10.5" Refractor

Eyepiece X14S

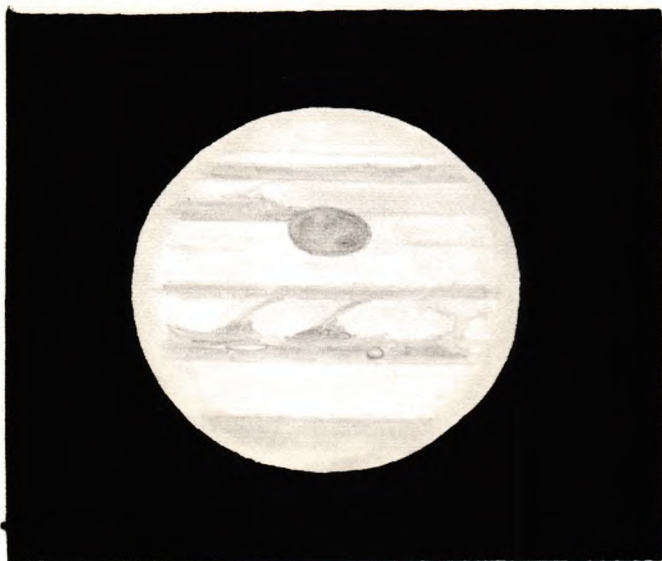
Seeing Very Good

Transparency good

Remarks : Fairly hazy

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*.....

Date *Aug 20/21/61*.....

Observer *K. Brasch*.....

Local Time *23:25*.....

Universal Time *03:25*.....

Central Meridian (1) *36*.....

(2) *7*.....

Telescope *8" Refl.*.....

Eyepiece *300x*.....

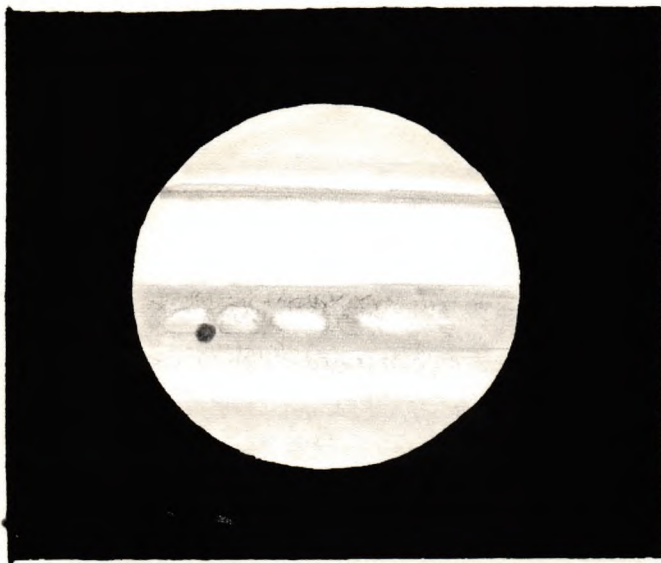
Seeing *6*.....

Transparency *3*.....

Remarks : *Diffuse condensations noted in Red Spot*

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PLANETARY OBSERVATIONS



Planet JUPITER.....

Date AUG 22/23 1961.....

Observer S. WEDGE.....

Local Time 21:40-21:50.....

Universal Time 01:40-01:50.....

Central Meridian (1) 291°.....

(2) 247°.....

Telescope 6" REF.....

Eye piece 220x.....

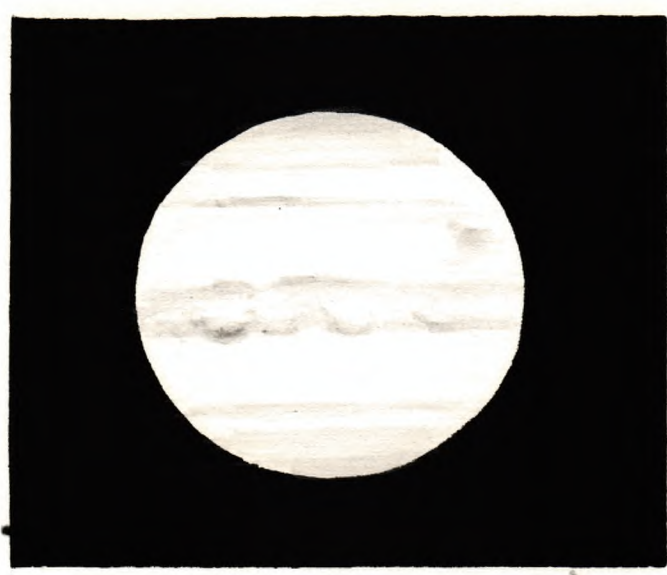
Seeing 2.....

Transparency 3.....

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



☉
23.00

Planet Jupiter.....

Date Aug. 22-23, 1961.....

Observer Frank J. Jakinder.....

Local Time 23.00 to 23.15.....

Universal Time ~~18.00~~ ~~18.15~~ 4:00-4:15.....

Central Meridian (1)

(2)

Telescope 10.5" Refractor.....

Eyepiece 14.5x.....

Seeing fair.....

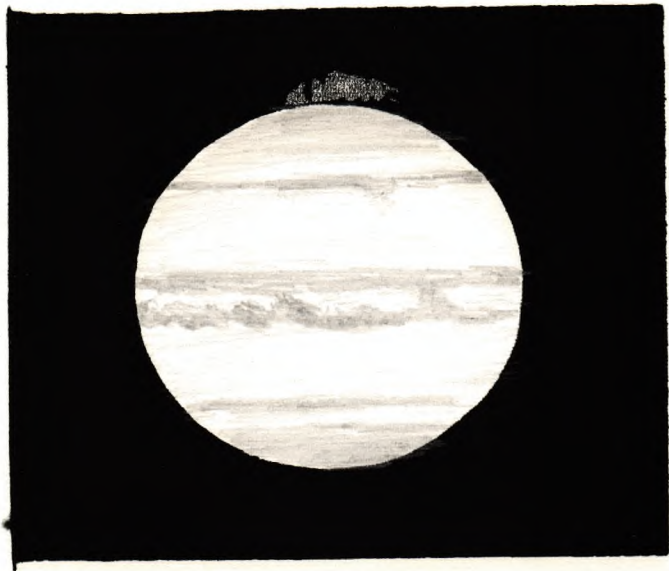
Transparency good.....

Remarks :

☉
23.20

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*.....

Date *Aug. 29. 1961*.....

Observer *Frank J. DeKinder*.....

Local Time *20.25 to 20.40*.....

Universal Time *15.25 to 15.40*.....

Central Meridian (1)

(2)

Telescope *108mm Refractor*.....

Eyepiece *x. 145*.....

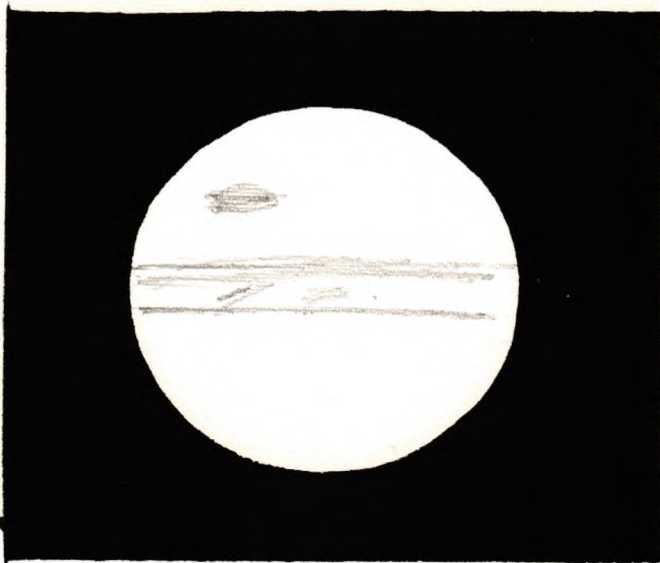
Seeing *Fair*.....

Transparency *Fair*.....

Remarks :

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*.....
 Date *Aug. 30/31-61*.....
 Local Time *21:18 EST*.....
 Central Meridian (1) (2)
 Telescope *6" Refractor*.....
 Seeing *0-1*.....
 Observer *Lewis Buelow*.....
 Universal Time *0218*.....
 Eyepiece *x150*.....
 Transparency *1/2*.....

Remarks :

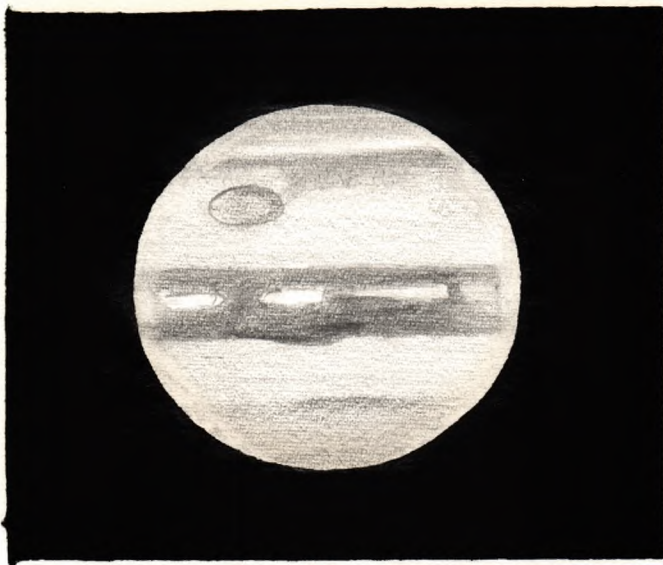
Seeing Terrible, and I forgot my glasses, but could make out Red Spot, but no detail -

7

66

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Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *August 30/31*

Observer *Kenneth Chalk*

Local Time *22:25-22:35*

Universal Time *2:25-2:35*

Central Meridian (1)

(2)

Telescope *6" refr.*

Eyepiece *150X*

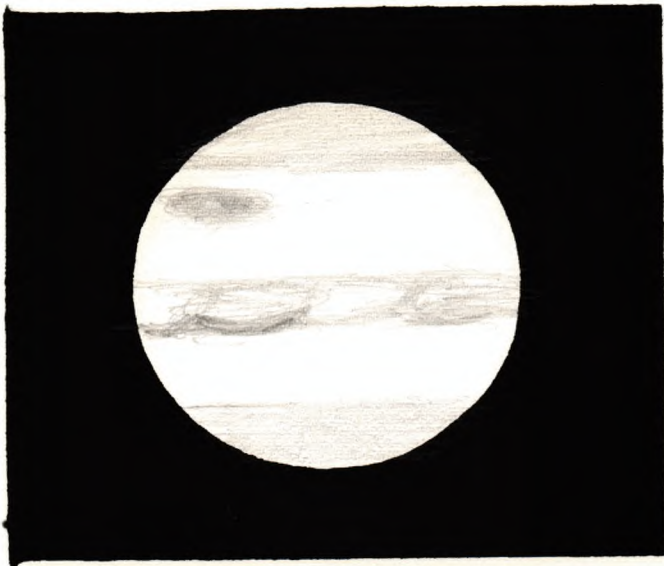
Seeing *6*

Transparency *0-2*

Remarks :

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Montreal Centre

PLANETARY OBSERVATIONS



Planet Jupiter.....

Date Aug 30/31-61.....

Observer R. PREZAMENT.....

Local Time 22:45.....

Universal Time 2:45.....

Central Meridian (1) 151.....

(2) 46.....

Telescope 6" Refr.....

Eyepiece 150X.....

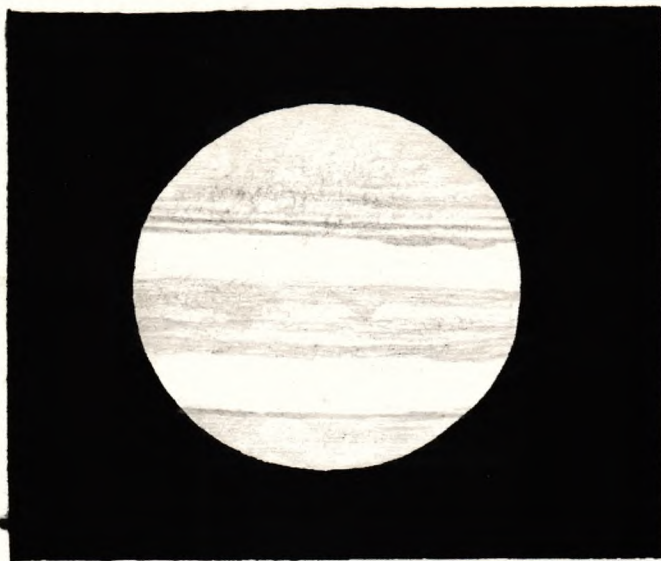
Seeing 4.....

Transparency 2-3.....

Remarks :

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Montreal Centre

PLANETARY OBSERVATIONS



Planet .. *Jupiter*

Date .. *Aug. 31 - Sept 1*

Observer .. *Bob Hawkins*

Local Time .. *10:05 - 120 PM EDT*

Universal Time .. *2:05 - 20 UT*

Central Meridian (1)

(2)

Telescope .. *6" reflector*

Eyepiece .. *22.88x*

Seeing .. *5-6*

Transparency .. *2-4*

Remarks :

[Handwritten scribbles in blue ink]

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Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*

Observer *Bob HAWKINS*

Local: Date *Sept 3-4* 19*61*

Time *10:50 - 11:05 PM* Zone *EDT*

U. T.: Date *Sept 21* 19*61*

Time *2:50 - 3:05*

Telescope: Aperture *6* "

Type *reflector* Power *28PX*

Seeing (0 worst-10 best) *5-6*

Transparency (0 worst-5 best) *2-3*

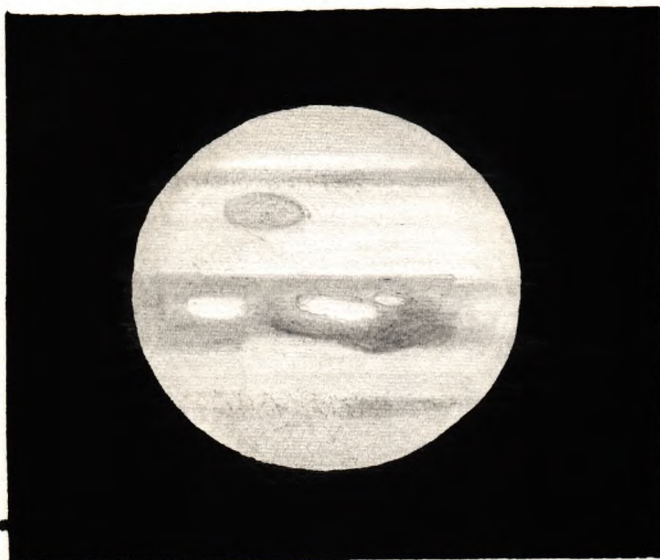
Central Meridian: (1)

(2)

Remarks:

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 Montreal Centre

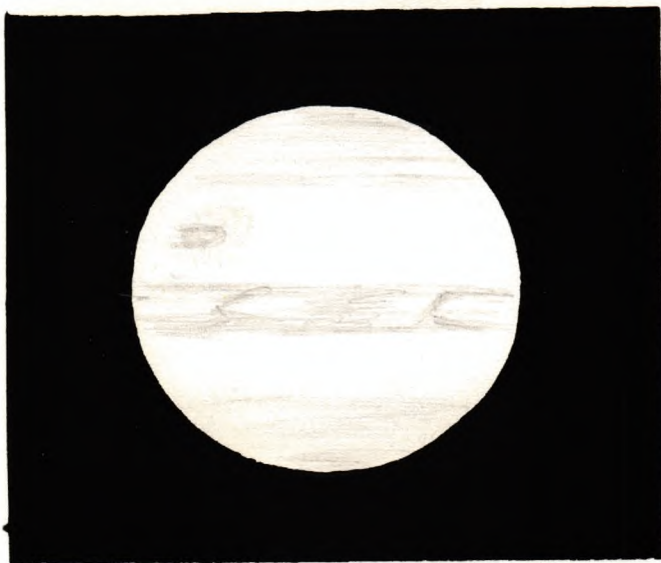
PLANETARY OBSERVATIONS



Date *September August 4-5* Planet *Jupiter*
 Observer *K. Chalk*
 Local Time *21:09 - 21:14 - 21:24 EDT.* Universal Time *1:09 - 1:24*
 Central Meridian (1) *168°* (2) *25°*
 Telescope *6" refractor* Eyepiece *150X*
 Seeing *3* Transparency *3*
 Remarks :

Royal Astronomical Society of Canada
Montreal Centre

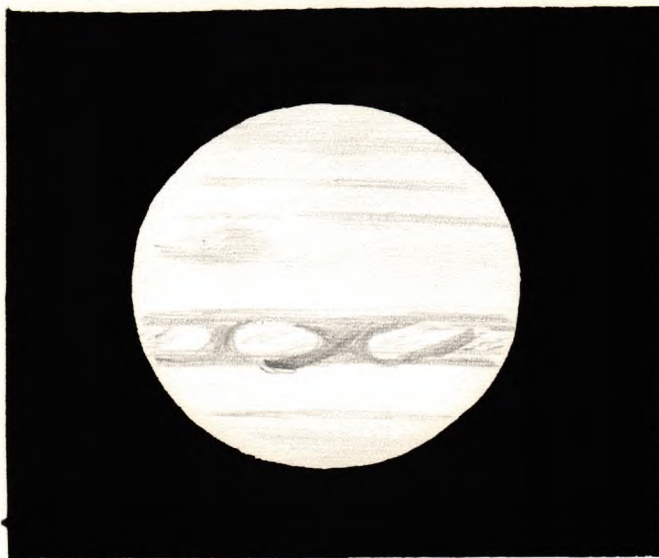
PLANETARY OBSERVATIONS



Date *Sept 4/5-61* Planet *Jupiter*
 Local Time *2029 EST - 2036* Observer *Lucien St. Rochow*
 Central Meridian (1) *176°* Universal Time *0129 - 136*
 Telescope *6" Refractor* Eyepiece *x150*
 Seeing *4* Transparency *5*
 Remarks :

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Montreal Centre

PLANETARY OBSERVATIONS



Planet JUPITER

Date SEPT. 4/5 1961

Observer I. K. WILLIAMSON

Local Time 20:39 - 20:49 EST

Universal Time 01:39 - 01:49

Central Meridian (1) 184°

(2) 41°

Telescope 6" REF.

Eyepiece 150X

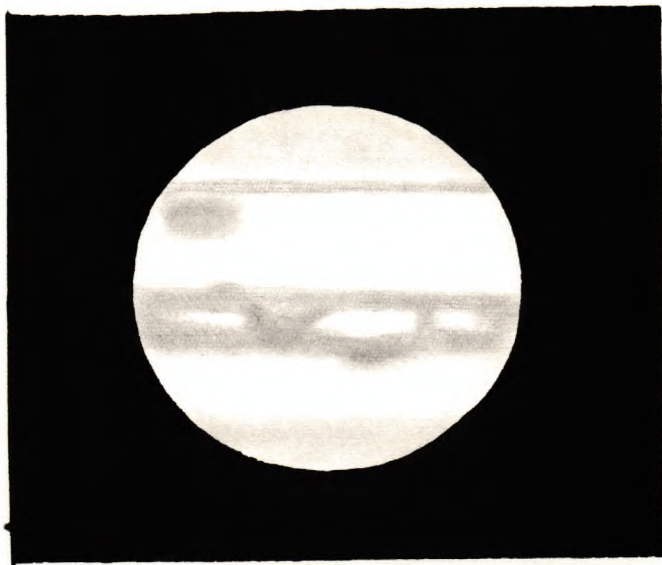
Seeing 3

Transparency 3

Remarks :

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Montreal Centre

PLANETARY OBSERVATIONS



Planet JUPITER.....

Date SEPT. 4/5 1961 Observer S. WEDGE.....
 Local Time 21:50-22:00 EDT Universal Time 01:50-0200.....
 Central Meridian (1) 190° (2) 47°.....
 Telescope 6" REFRACTOR..... Eyepiece 220X.....
 Seeing 3-4..... Transparency 2-1.....

Remarks : N.E.B. and S.E.B.^N much darker than observed.
 during early part of apparition.

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PLANETARY OBSERVATIONS



Planet Jupiter Observer Bob Hawkins

Local: Date Sept 5-6 19. 61 Time 8:25 - 40 PM Zone EDT

U. T.: Date Sept 6 19.... Time 01:25 - 01:40 UT

Telescope: Aperture 6" Type REFLECTOR Power 288

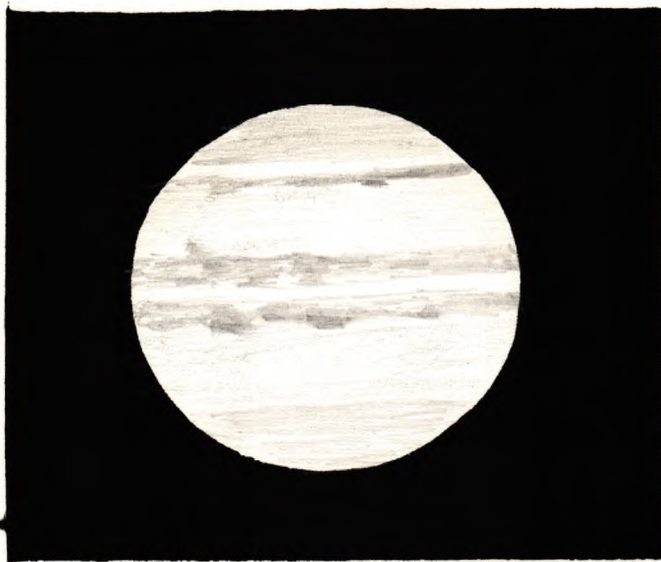
Seeing (0 worst-10 best) 5.7 Transparency (0 worst-5 best) 4

Central Meridian: (1) (2)

Remarks:

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PLANETARY OBSERVATIONS



10,0,35
suburb on
planet

position of satellites at 22.0.

Planet Jupiter.....

Date Sept. 5/6.....1961

Observer Frank J. DeKinder.....

Local Time 21.50.....E.S.T.

Universal Time 2.50.....

Central Meridian (1)

(2)

Telescope 10.8"m Refractor.....

Eyepiece x.145.....

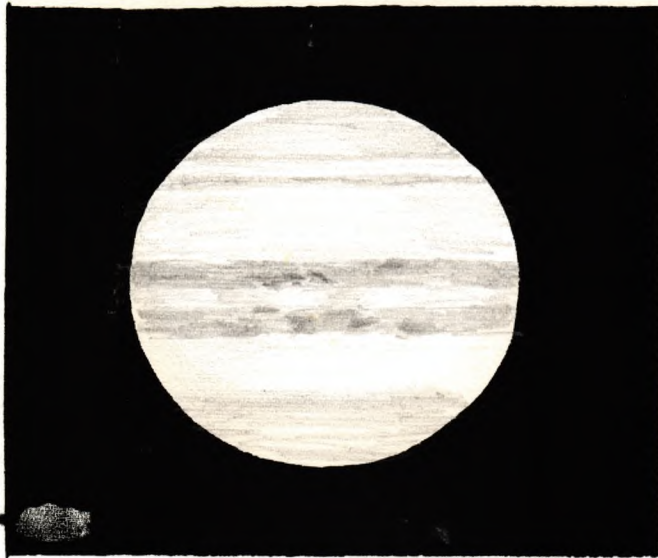
Seeing good.....

Transparency Fair.....

Remarks :

Disappearance of Satellite at East edge
of Jupiter at 22.0.35

PLANETARY OBSERVATIONS



Planet Jupiter



Date September 6/7, 1961

Observer Frank J. DeKinder

Local Time 19.35-19.45 E.S.T.

Universal Time 0.35 to 0.45

Central Meridian (1)

(2)

Telescope 6" Refractor

Eyepiece x 220?

Seeing 6

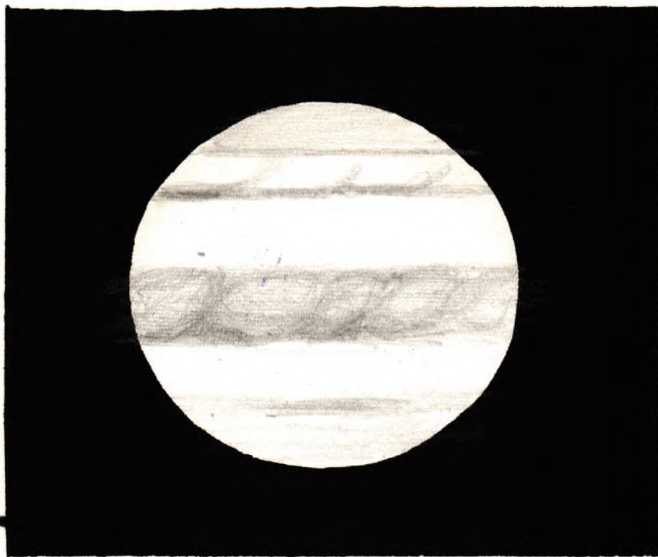
Transparency 4

Remarks :

*8.55
F.V. 8/21.6*

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Montreal Centre

PLANETARY OBSERVATIONS



Planet *Jupiter*.....

Date *Sept 6-7/61*.....

Observer *P. A. P. P. P.*.....

Local Time *20:47*.....

Universal Time *0:47*.....

Central Meridian (1) *304*.....

(2) *306*.....

Telescope *6" Refr*.....

Eyepiece *220*.....

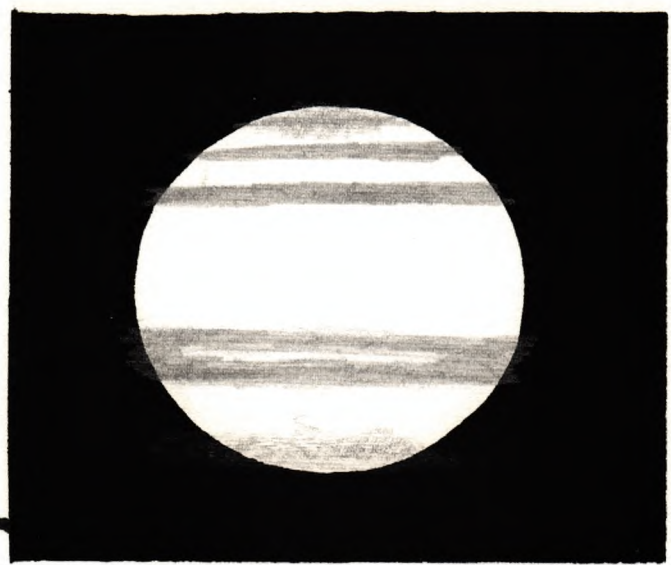
Seeing *5*.....

Transparency *4*.....

Remarks :

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Montreal Centre

PLANETARY OBSERVATIONS



Planet JUPITER.....

Date Sept 6/7/61.....

Observer FRANK CAMBRIA.....

Local Time 21:10.....

Universal Time 1:10.....

Central Meridian (1) 118.3.....

(2) 320.0.....

Telescope 6 REFR......

Eyeiece 220.....

Seeing 5.....

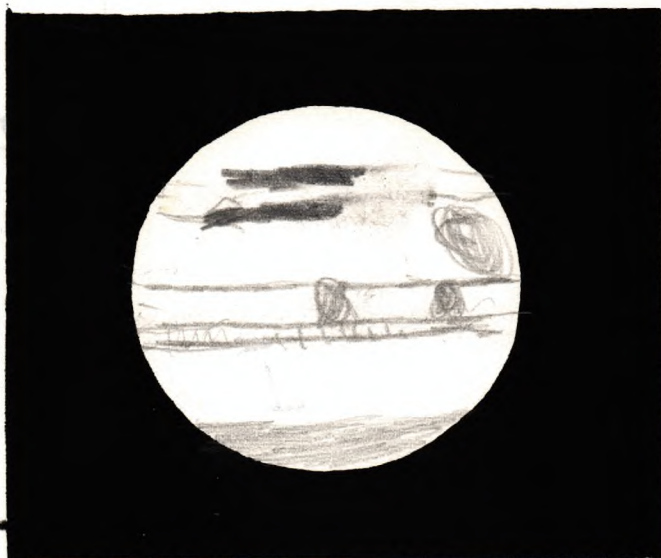
Transparency 4.....

Remarks :

N

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PLANETARY OBSERVATIONS



Planet JUPITER

Date Sept 6-7, 1967

Observer D. Zackor

Local Time 21:22 EDT

Universal Time 01:22

Central Meridian (1) 125.6

(2) 327.3

Telescope 6"

Eyeiece 22.0

Seeing P.O.O.V.

Transparency 4

Remarks :

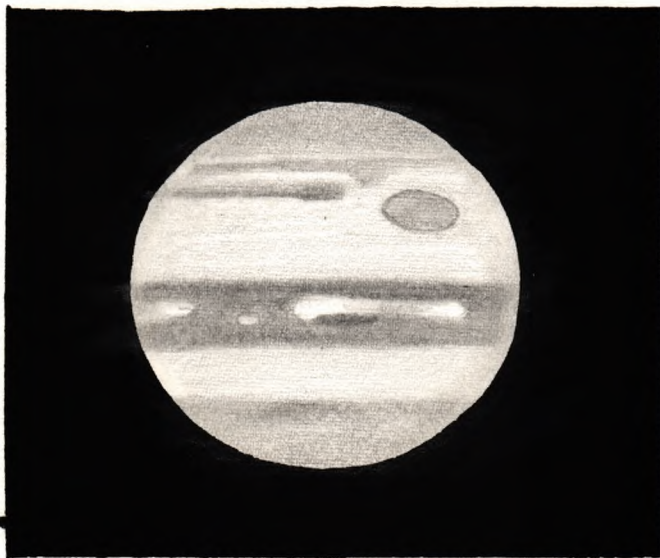
indefinite markings between



to do

to do

PLANETARY OBSERVATIONS



Date *Sept. August 6/7/68* Planet *Jupiter*
 Observer *Kenneth Chall*
 Local Time *21:25 - 21:30 - 21:42 EDT* Universal Time *1:25 - 1:42*
 Central Meridian (1) *@ 1:30 UT 131°* (2) *332°*
 Telescope *6" refr* Eyepiece *220X*
 Seeing *3-4* Transparency *4*

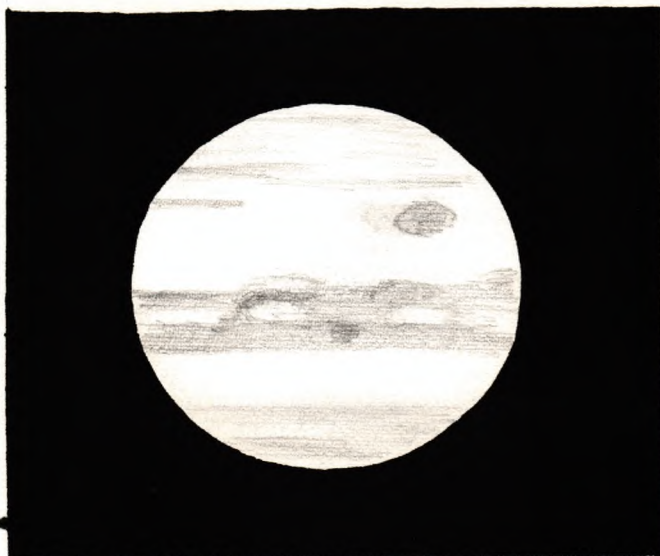
Remarks :

Small spot on NEB appeared indistinct; it may have been larger & more complex, but was not usually visible except as a lighter area between the two adjoining ovals.

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⊙ ⊙

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PLANETARY OBSERVATIONS



Planet *Jupiter*

Date *Sept 6/7-61*

Local Time *2045 - 20:58 EST*

Central Meridian (1) *143°*

Telescope *6" Refractor*

Seeing *6-7*

Remarks :

Observer *Loeish Suchow*

Universal Time *0145 - 0158*

(2) *344°*

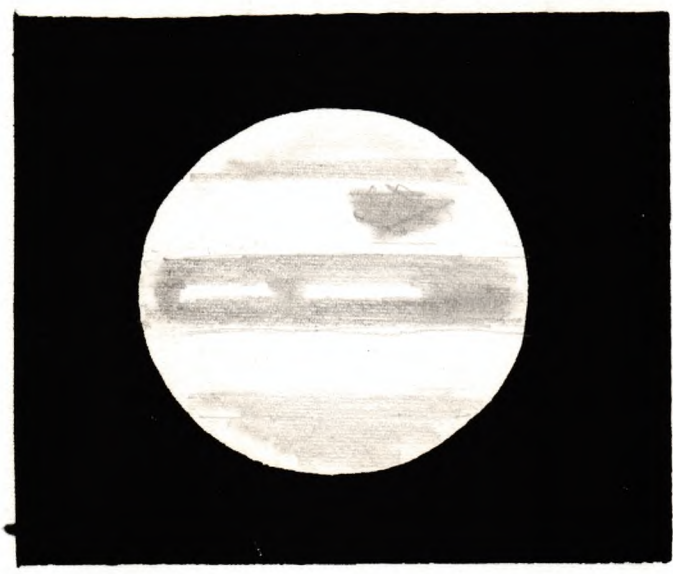
Eyeiece *250x*

Transparency *3*

E

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Montreal Centre

PLANETARY OBSERVATIONS



Planet Jupiter.....

Date Sept 6/7, 19.....

Observer S. M. Sundell.....

Local Time 22:00 - 22:10.....

Universal Time 02:00 - 02:10.....

Central Meridian (1) 152.....

(2) 353.....

Telescope 6" refractor.....

Eyepiece 220x.....

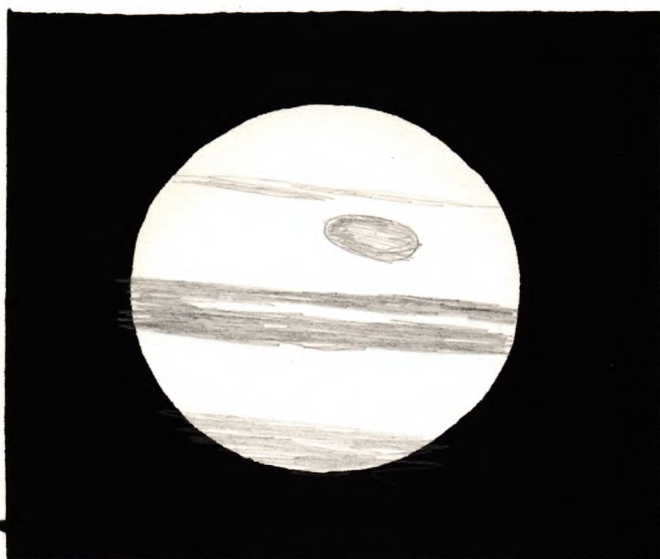
Seeing 3.....

Transparency 3.5.....

Remarks :

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PLANETARY OBSERVATIONS



Planet *JUPITER*.....

Date *6-7 Sept 1961*..... Observer *Bryan Rawling*.....

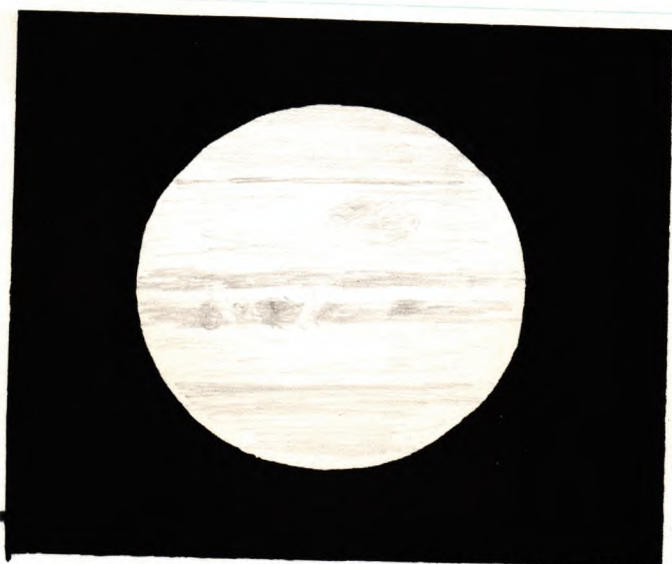
Local Time *2115 EST*..... Universal Time *0215 Z*.....

Central Meridian (1) (2)

Telescope *6" Refl.*..... Eyepiece *220x*.....

Seeing *2*..... Transparency *4*.....

Remarks : *Southern hemisphere not complete due to planet passing behind trees*



Planet ..Jupiter.....

Date ..Sept. 6/7, 1961.....

Observer ..Frank J. DeKinde.....

Local Time ..21:15.....21:20 EST

Universal Time ..2:15+2:30.....

Central Meridian (1) ..158°.....

(2) ..359°.....

Telescope ..108mm Refractor.....

Eyepiece ..1.45.....

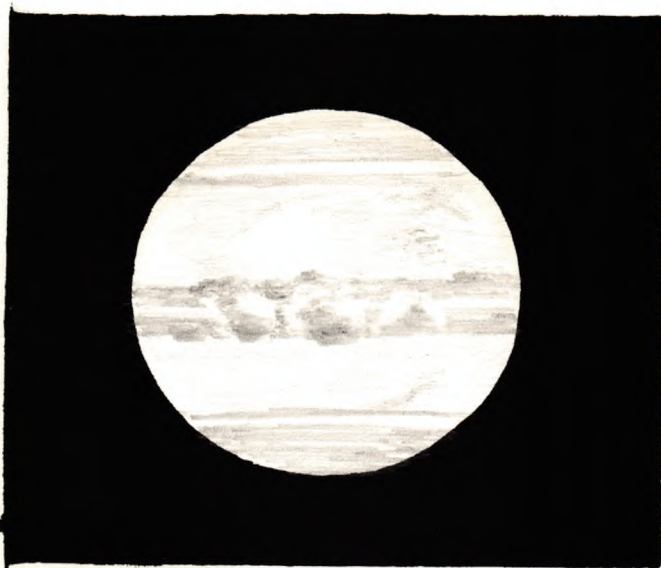
Seeing5.....

Transparency ..6.....

Remarks :

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PLANETARY OBSERVATIONS



22.37 EST.

Planet *Jupiter*.....

Date *Sept. 8/9 1961*.....

Observer *Frank J. DeKinder*.....

Local Time *22.25/22.35*.....

Universal Time *3.25/3.35*.....

Central Meridian (1)

(2)

Telescope *100mm Refractor*.....

Eyepiece *x145*.....

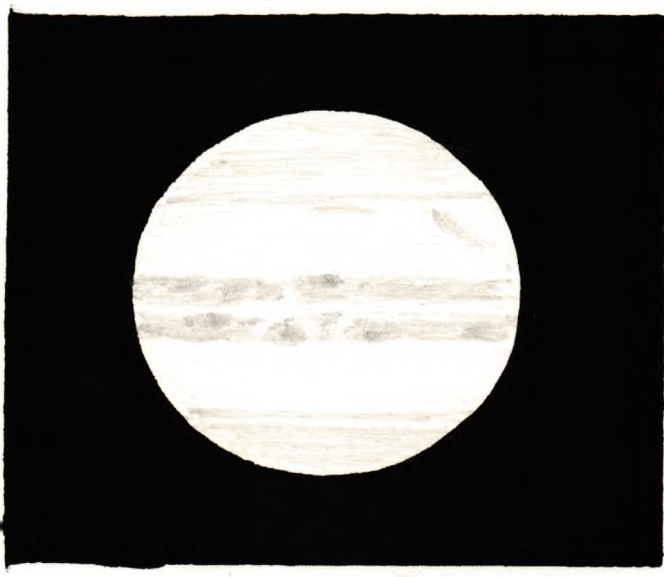
Seeing *6*.....

Transparency *4*.....

Remarks :

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PLANETARY OBSERVATIONS



☉
21.30 EST

Planet *Jupiter*

Date *Sept 9-10, 1961*

Observer *Frank J. Dekinder*

Local Time *21.30 / 21.30*

Universal Time *1.30 - 1.30*

Central Meridian (1)

(2)

Telescope *12.5"m Refractor*

Eyepiece *X 145*

Seeing *6*

Transparency *2*

Remarks :

41

Transits

1 Red spot transits
at 09:42 EDT ~~$\lambda_2 = 17.2^\circ$~~

Tropical ^{zone} disturbance
at 10:07 m 30sec $\lambda_1 = 33^\circ$
10:08

Dc (log prop) S edge NEB

planet Jupiter

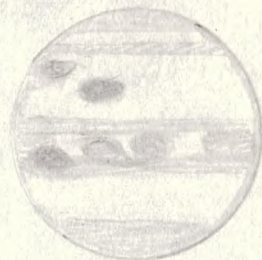
Date August 18th 1961

TIME see above

between

E. 09:40 -

P. FOUKAL



Planet _____

Date AUG 18/19, 1961

Time 09:46 - 10:00 P.M. EDT

Seeing _____ Trans. _____

Notes _____

P. FOUKAL

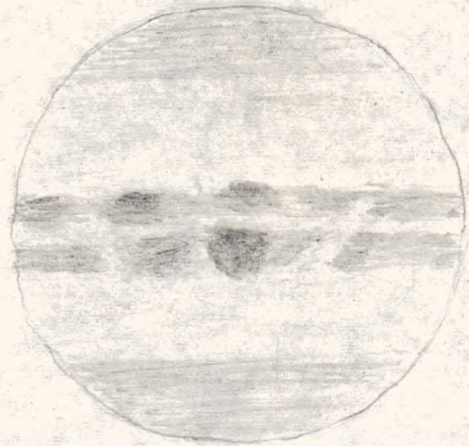
13

Construction

FORM TIES & WEDGES - FORM CLAMPS
 - INNER RODS - PIGTAIL ANCHORS &
 COUPLINGS - SOFFIT SPACERS -
 ADJUSTABLE INSERTS, ANCHOR SLOT &
 ANCHORS - BEAM WRAPPING - JOIST
 HANGERS & WIRE MESH - TECO
 TIMBER CONNECTORS - REINFORCING
 STEEL CHAIRS.

STERNSON:- CEMENT PAINTS - FLOOR
 HARDENERS - EXPANDING METALLIC
 GROUTS - METALLIC WATERPROOFINGS
 - CONCRETE CURING COMPOUND -
 FLEXCELL EXPANSION BOARD - CAULKS
 - FORMASEAL - ASPHALT COATINGS
 SONOTUBE - SONOAIRODUCT -
 SONOVOID

Specialties



Sept. 15.61

22.20 EST
22.30

Seeing F
Transp. E

108 m X 150

F. J. De K



22.30

Drew, Brown Ltd.
 5410 Ferrier St., Montreal

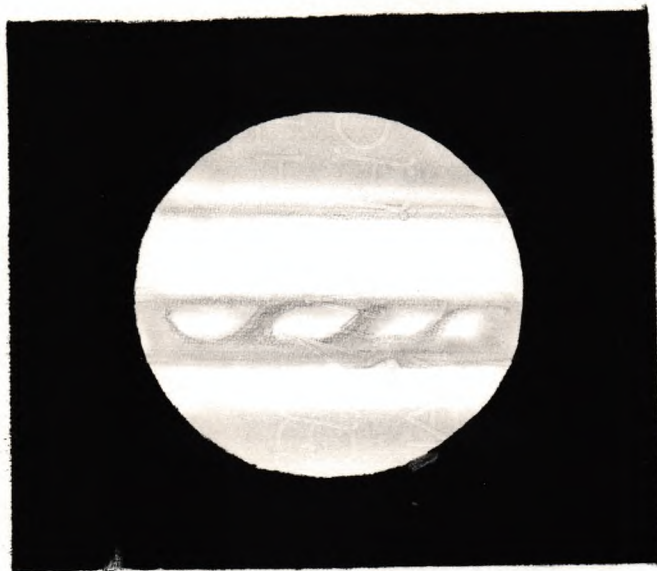
Ri-4-2821

13

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ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



PLANET JUPITER.....

Date ..SEPT. 17/18 61.....

Local Time ..22:25-22:35..

Universal Time ..02:25-02:35..

Central Meridian (1) ..104°.....

(2) ..121°.....

Telescope ..8" REFLECTOR.....

Eyepiece ..240x.....

Seeing ..1-2.....

Transparency ..4.....

Remarks:

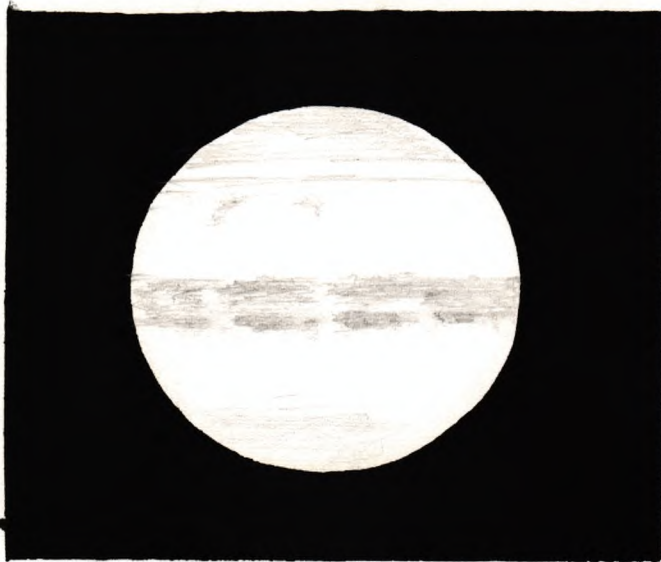
Observer ..G. Wadge.....

Address

Telephone No.

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



☉
at 22.12

Planet .. *Jupiter*

Date .. *Sept. 18/19 1961*

Observer .. *Frank J. De Kinder*

Local Time .. *22.00 - 22.10 E.S.T.*

Universal Time .. *3.00 - 3.10*

Central Meridian (1)

(2)

Telescope .. *10.8" Refractor*

Eyepiece .. *X.145*

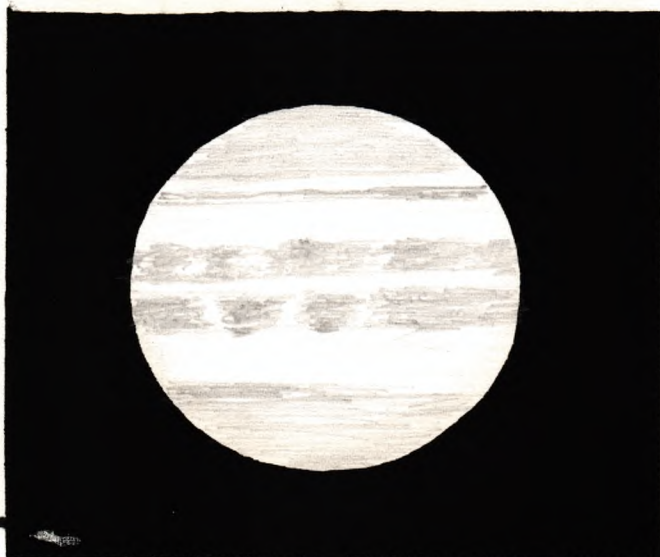
Seeing .. *7*

Transparency .. *3*

Remarks :

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Montreal Centre

PLANETARY OBSERVATIONS



☉
21.45 EST

Planet Jupiter.....

Date Sept. 19-20 1961..

Observer Frank J. Dekinder..

Local Time 21.40 - 21.48 EST..

Universal Time 2.40 / 2.48.....

Central Meridian (1)

(2)

Telescope 108 cm Refractor.....

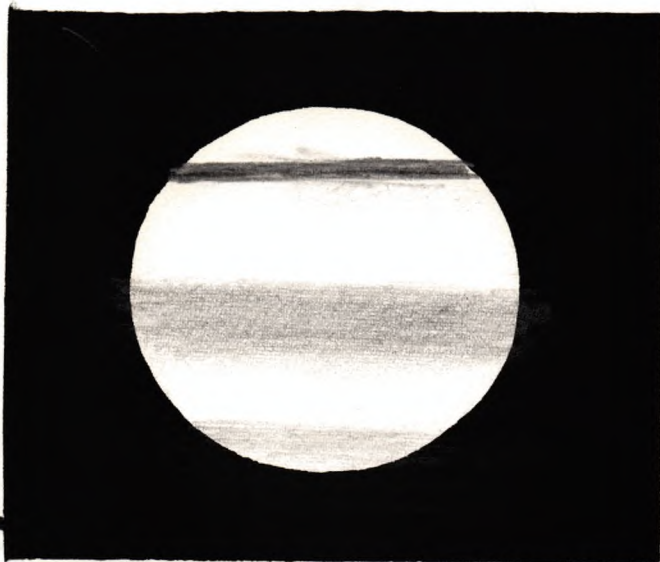
Eyepiece 145x.....

Seeing 7.....

Transparency 3.....

Remarks : Moon in immediate proximity.

PLANETARY OBSERVATIONS



Planet JUPITER
Date SEPT 27/28/61 Observer F. CAMBRIA
Local Time 21:44 Universal Time 18:44
Central Meridian (1) 213.80 (2) 218.9
Telescope 4" REFR Eyepiece 90
Seeing 5 Transparency 3
Remarks :

PLANETARY OBSERVATIONS



Planet JUPITER.....

Date SEPT. 27/28 1961.....

Observer MME A BIEN.....

Local Time 21:52 E.S.T......

Universal Time

Central Meridian (1)

(2)

Telescope 4 1/4" REFR.....

Eyepiece 90x?.....

Seeing

Transparency

Remarks :

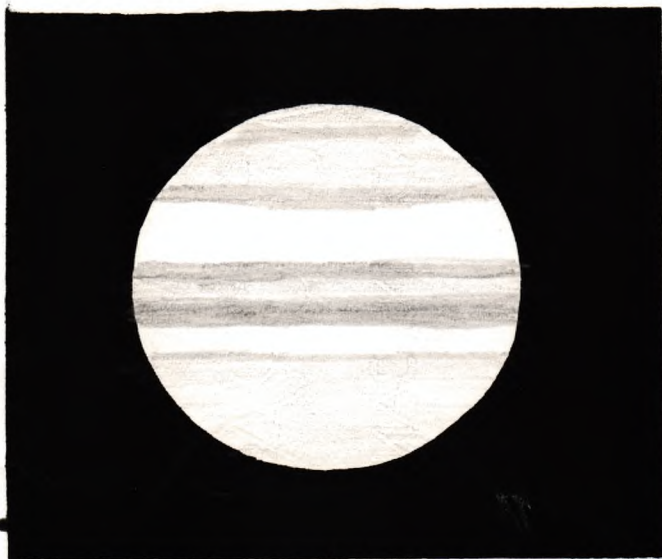
4

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Montreal Centre

PLANETARY OBSERVATIONS

S



N

PLANET Jupiter

Date October 3/4, 1961

Local Time 20h. 48m. + 15m. E.S.T.

Universal Time 01h. 48m.

Central Meridian (1)

(2)

Telescope 4" - Reflector

Eye-piece 130X

Seeing 5

Transparency 4

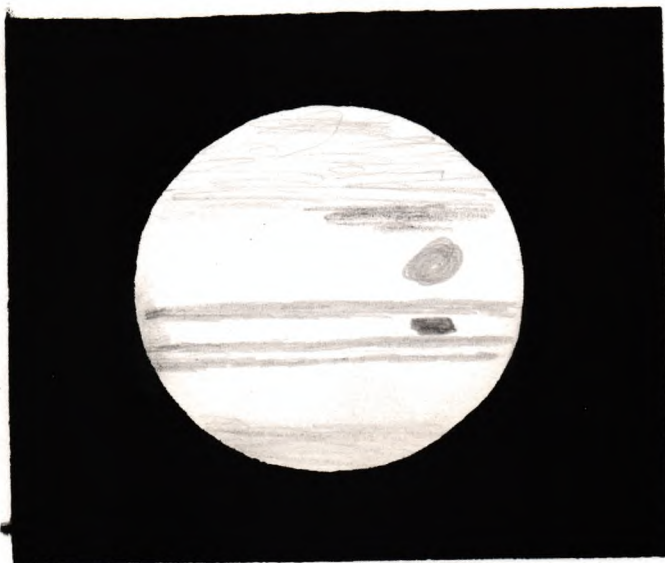
Remarks:

Observer Jim Low

Address RCAF Stn., Gt. Whale R.
P.O. Box 6121, Montreal

Telephone No. 236

PLANETARY OBSERVATIONS



PLANET *Jupiter*.....

Date *Oct 7-8, 1961*.....

Local Time *22:31 EDT*.....

Universal Time *02:31*.....

Central Meridian (1)

(2)

Telescope *15" refr.**.....

Eyeiece *130*.....

Seeing *3-4*.....

Transparency *4-5*.....

Remarks:

*Planet low in sky
atmospherics getting worse,
towards end*

*DOMINION OBSERVATORY

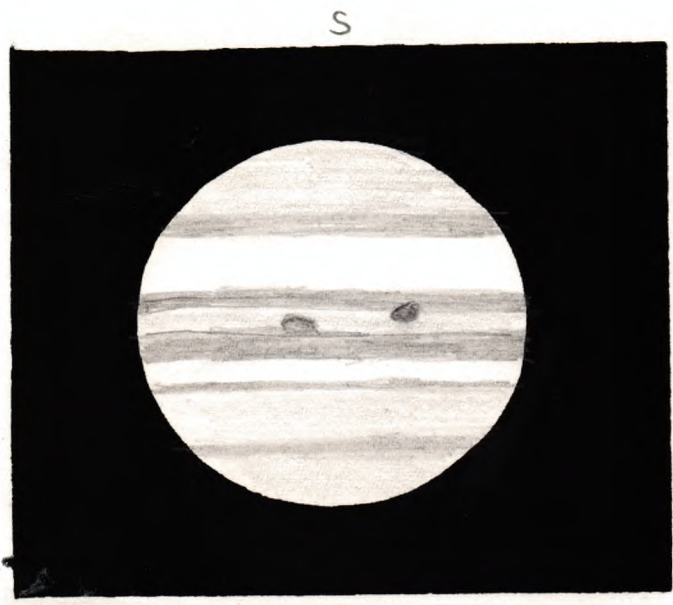
Observer *Zackay*.....

Address *3650 Mountain #301*.....

Telephone No. *11-5-1503*.....

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Montreal Centre

PLANETARY OBSERVATIONS



PLANET Jupiter.....

Date Oct. 14/15, 1961.....

Local Time 18h.28m. +27m. E.S.T.

Universal Time 23h.28m......

Central Meridian (1) 293°.....

(2) 205°.....

Telescope 4"- Reflector.....

Eyepiece 130x & 167x.....

Seeing 7.....

Transparency 4+.....

Remarks:

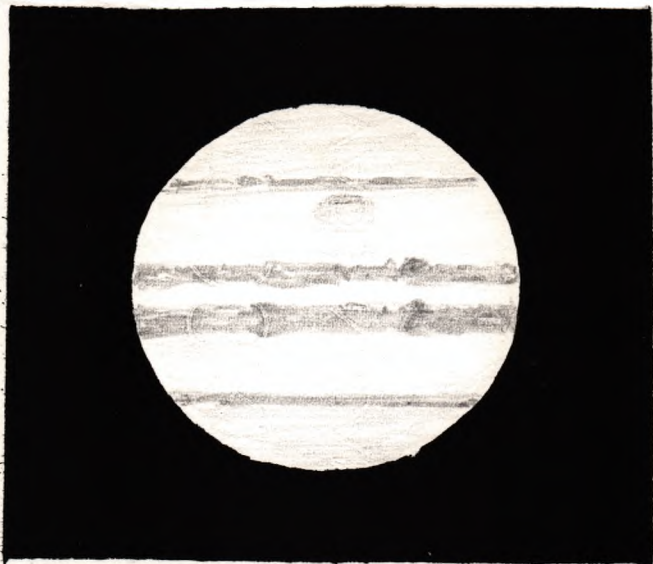
Observer Jim Low.....

Address RCAF Stn., Gt. Whale R.
53°18'N 77°44'W.

Telephone No.

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



at 17.35 E.S.T.

PLANET Jupiter.....

Date October 19/20 1961

Local Time 17.35 - 17.42 E.S.T.

Universal Time 22.35 - 22.42.....

Central Meridian (1)

(2)

Telescope 105mm Refractor

Eyepiece 1.45x.....

Seeing good.....

Transparency 7.....

Remarks:

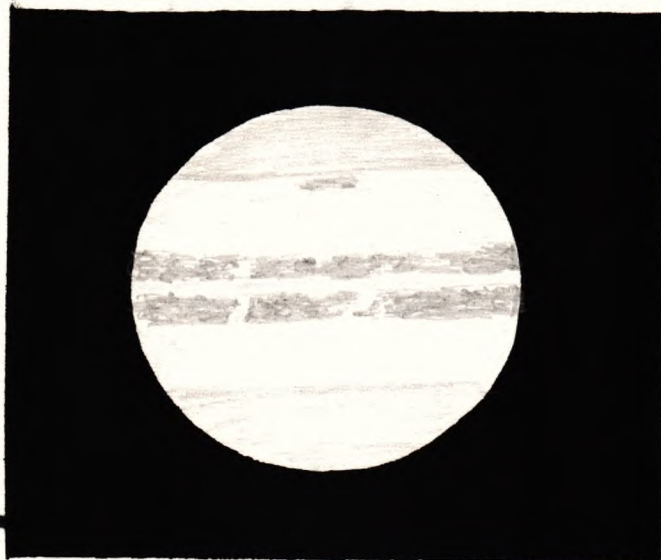
Observer F.J. Dekinder.....

Address 10724 Emily St.
Montreal

Telephone No DU-8-0681

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



⊙
18.07 EST

Planet Jupiter.....

Date November 10/11/1961

Observer Frank J. DeKinder

Local Time 18.00 - 18.07 EST

Universal Time 1.00 - 1.07

Central Meridian (1)

(2)

Telescope 10.5" Refractor

Eyepiece 1.45x

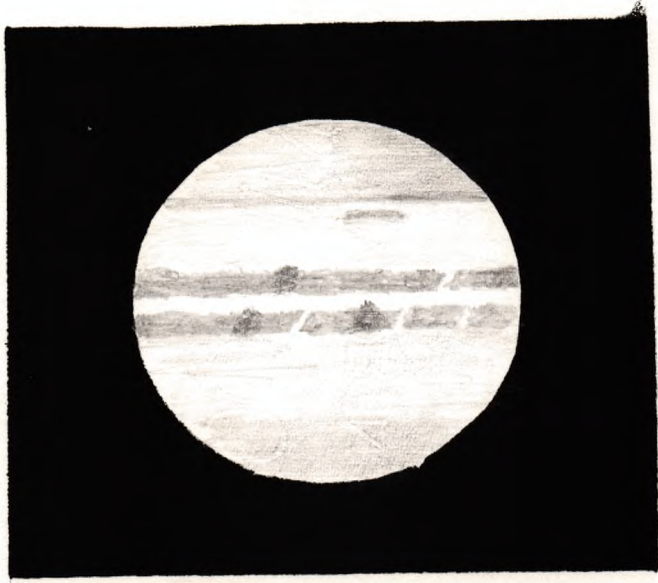
Seeing 4

Transparency fair

Remarks :

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



position of Satellites
at 17:17

PLANET Jupiter

Date November 25/26 1961

Local Time 17:17 to 17:28 EST.

Universal Time 22:17 to 22:28.

Central Meridian (1)

(2)

Telescope 102 mm Refractor

Eye-piece 140x and 180x

Seeing very good

Transparency very good

Remarks: Temperature Observatory 43°
outside 35°

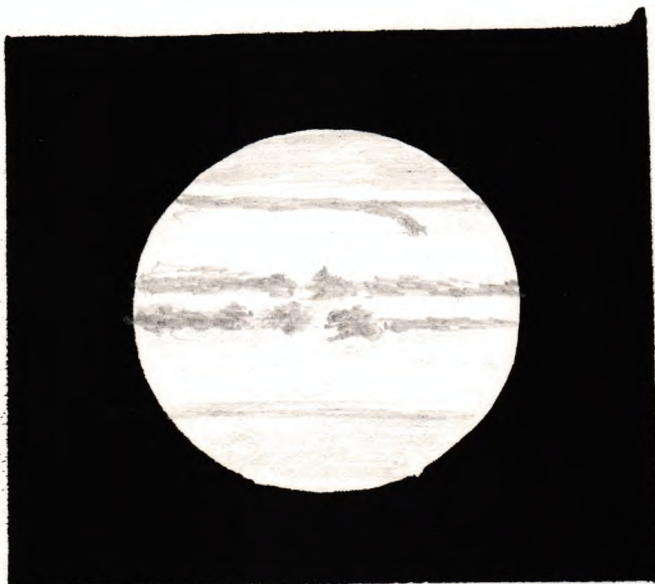
Observer Frank J. DeKinder

Address 10724 Emile Street,
Montreal.

Telephone No. DU-8-0682

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



PLANET *Jupiter*

Date *December 11/1961*

Local Time *17.20 EST*

Universal Time ~~0.20~~ *22:20*

Central Meridian (1)

(2)

Telescope *108 mm Refractor*

Eyepiece *X145*

Seeing *Fair*

Transparency *Fair*

Remarks: *Have to make my observations through a steel fence, 6'-0" from the lens of the telescope.*

Observer *Frank J. DeKinder*

Address *10724 Emile Street*
Montreal 12

Telephone No. *30-8-0682*