

Jupiter

1962

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Montreal Centre

Planetary Observations - Jupiter's Satellites

Date June 28, 1962 Satellite I

Time Used U.T. Phenomenon Sh. E.

	Observed:	Mean:	Predicted:
	h. m. s	h. m. s	h. m. s
Time: 1st Contact	<u>6:11.0</u>	<u>06:12.7</u>	<u>06:14</u>
2nd Contact	<u>6:14.4</u> .....	.....	.....

Remarks:

Telescope 8" refl. Power 240x

Seeing 1 Transparency 4

Observer Geoffrey Gaherty, Jr.

Address

..... Telephone No

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ROYAL ASTRONOMICAL SOCIETY OF CANADA

Montreal Centre

Planetary Observations - Jupiter's Satellites

Date June 28, 1962 Satellite I

Time Used U.T. Phenomenon Tr. E.

	Observed:	Mean:	Predicted:
	h. m.	h. m.	h. m.
Time: 1st Contact	<u>07:22.4</u>	<u>07:24.5</u>	<u>07:28</u>
2nd Contact	<u>07:26.6</u>		

Remarks:

Telescope 8" refl. Power 240x

Seeing 1 Transparency 4

Observer Geoffrey Gaherty, Jr

Address

..... Telephone No

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Montreal Centre

Planetary Observations - Jupiter's Satellites

Date August 8, 1962 Satellite ~~III~~ II

Time Used UT. Phenomenon E.C.D.

	Observed:	Mean:	Predicted:
	h. m. s.	h. m. s.	h. m. s.
Time: 1st Contact	<u>06:37:-</u>	<u>06:38:-</u>	<u>06:40:-</u>
2nd Contact	<u>06:39:-</u>		

Remarks:

Telescope 9 1/2" refr. (Princeton U.) Power ~150x

Seeing 3 Transparency 2-3 (on scale 0-10?)

Observer William J. Cahill, Jr

Address 320 Hillcrest Avenue,

Wood-Ridge, New Jersey, U.S.A.

Telephone No _____

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ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre
Planetary Observations - Jupiter's Satellites

Date August 12, 1962 Satellite IV
Time Used U.T. Phenomenon Ec. R.

	Observed:	Mean:	Predicted:
	h. m. s	h. m. s	h. m. s
Time: 1st Contact	<u>05:21.4</u>	<u>05:24.9</u>	<u>05:27:—</u>
2nd Contact	<u>05:28.4</u>		

Remarks:

Telescope 8" refl. Power 240x
Seeing 5 Transparency 3
Observer Geoffrey Gaherty, Jr
Address
..... Telephone No

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Observation of Jovian Satellite Phenomenon

Details of Predicted Phenomenon (see Observer's Handbook):

Local: Date 19.... Predicted Time ~~06~~ h m Zone
U. T.: Date August 12 19.62 Predicted Time 06 h 02 m
Satellite IV Phenomenon Occ. D.

Details of Observation:

	Local Time:	U.T.
1 st Contact	..... h m	<u>05</u> h <u>54</u> m <u>8</u>
2 nd Contact	..... h m	<u>06</u> h <u>02</u> m <u>7</u>

Do not write in this space.

$$T_o = \frac{T_1 + T_2}{2} = \dots 05 \text{ h } 58 \text{ m } 8$$

$$T_o - T_c = \dots -3 \text{ m } 2$$

$$T_2 - T_1 = \dots 7 \text{ m } 9$$

Record times to nearest 0.^m1 using 24-hour system.

Remarks on back of form.

Telescope: Aperture 8 inch Type reflector Power 240x
Seeing (0 worst-10 best) 4 Transparency (0 worst-5 best) 3
Observer Geoffrey Caherty, Jr Mailing Address:
Station Montreal 2800 Hill Park Road
R.A.S.C. Centre Montreal Montreal 25.

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre
Planetary Observations - Jupiter's Satellites

Date *Aug. 13* 1962 Satellite *I*
Time Used *U.T.* Phenomenon *Transit ingress*

	Observed:	Mean:	Predicted:
	h. m. s.	h. m. s.	h. m. s.
Time: 1st Contact	<i>04.42.50</i>	<i>04.44.05</i>	<i>04.47</i>
2nd Contact	<i>04.47.00</i>		

Remarks: ✓ *CM timing of shadow of sat H
p 05.29 f. 05.32*

Telescope *8" Refl.* Power *245x*

Seeing *4-2* Transparency *4-5*

Observer *K. Brasch*

Address

Telephone No

2

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Observation of Jovian Satellite Phenomenon

Details of Predicted Phenomenon (see Observer's Handbook):

Local: Date 19.... Predicted Time h m Zone
U. T.: Date Aug 13 1962 Predicted Time 05 h 31.6 m
Satellite .. ~~II~~ I Phenomenon Sh. C.M. Transit

Details of Observation:

	Local Time:	U.T.
1 st Contact	..... h m	<u>05</u> h <u>29</u> m
2 nd Contact	..... h m	<u>05</u> h <u>32</u> m

Do not write in this space.

$$T_o = \frac{T_1 + T_2}{2} = \dots 05 \text{ h } 30 \text{ m } 5$$

$$T_o - T_c = \dots 1 \text{ m } 1$$

$$T_2 - T_1 = \dots 3 \text{ m } 0$$

Record times to nearest 0.1^m using 24-hour system.

Remarks on back of form.

Telescope: Aperture 8" Type refl Power 245
Seeing (0 worst-10 best) 4-2 Transparency (0 worst-5 best) 4-5
Observer K. Brasch Mailing Address:
Station Rosemere 224 Montee Sanche
R.A.S.C. Centre Montreal Rosemere, Que.

Planetary Form No 2

Calculation of ~~the~~ predicted time:

$$I \text{ Sh. I: } 4:19 \quad T_1$$

$$I \text{ Sh. E: } \underline{6:35} \quad T_2$$

$$\text{diff: } 2:16$$

$$\text{diff}/2: 1:08$$

$$\text{Mean: } 5:27$$

$$i = 3.99 \hat{=} 4^\circ$$

$$\text{corr} = (T_2 - T_1) \left(0.5 \cos i + \tan \frac{i}{2} - 0.5 \right)$$

$$= \overset{136}{\cancel{136}} (0.5 \times 0.9976 + 0.0349 - 0.5)$$

$$= \overset{136}{\cancel{136}} (0.4988 + 0.0349 - 0.5)$$

$$= 136 \times 0.0337$$

$$= 4.6 \text{ min.}$$

$$4988$$

$$0349$$

$$\hline$$

$$5337$$

$$\therefore T_c = 5:27 + 4.6^m$$

$$= 5:31.6$$

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre
Planetary Observations - Jupiter's Satellites

Date *Can Sept. 3 / 62* Satellite *Europa (II)*
Time Used *EST* Phenomenon *Transit egress Te*

Observed: Mean: Predicted:
h. m. s. h. m. s. h. m. s.

Time: 1st Contact
2nd Contact *20 31 15* *20 31*

Remarks: *1st contact was missed because of its uncertainty.*

Telescope *3" refr.* Power *160x*
Seeing *5-6* Transparency *4-5*

Observer *Andrew Laur*

Address *5460 Coronation Ave*
..... *Montreal 29*

Telephone No *HU-8-3433*

ROYAL ASTRONOMICAL SOCIETY OF CANADA
 Observation of Jovian Satellite Phenomenon

Details of Predicted Phenomenon (see Observer's Handbook):

Local: Date SEPT. 12..... 1962 Predicted Time 22 h 27 m Zone EST
 U. T.: Date SEPT. 13..... 1962 Predicted Time 03 h 27 m
 Satellite ... I..... Phenomenon ... O. D......

Details of Observation:

Local Time: EST U.T.:
 1st Contact 22 h 22 m 03 h 22 m
 2nd Contact 22 h 26.3 m 03 h 26.3 m

Record times to nearest 0.^m1 using 24-hour system.

Remarks on back of form.

Do not write in this space.

$$T_o = \frac{T_1 + T_2}{2} = \dots 03 \text{ h } 24 \text{ m } 2$$

$$T_o - T_c = \dots 2 \text{ m } 8$$

$$T_2 - T_1 = \dots 4 \text{ m } 3$$

Telescope: Aperture 6 inches..... Type REFRACTOR..... Power 150 X.....
 Seeing (0 worst-10 best) 2..... Transparency (0 worst-5 best) 2.....
 Observer G. WEDGE..... Mailing Address:
 Station OBSERVATORY..... 3821 MACKENZIE ST.....
 R.A.S.C. Centre MONTREAL..... MONTREAL 26.....

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ROYAL ASTRONOMICAL SOCIETY OF CANADA

Montreal Centre

Planetary Observations - Jupiter's Satellites

Date .. *Sept. 14, 1962* .. Satellite .. *I (Io)* ..

Time Used .. *EST* .. Phenomenon .. *Eclipse Reappearance* ..

Observed:
h. m. s.

Mean:
h. m. s.

Predicted:
h. m. s.

Time: 1st Contact *19.30.35*

19.31.22

19.32

2nd Contact *19.32.10*

Remarks:

Telescope .. *3" refractor* ..

Power .. *120 x* ..

Seeing .. *2-3* ..

Transparency .. *4 (twilight)* ..

Observer .. *Andrew Lawe* ..

Address .. *5460 Coronation Ave* ..
Montreal ..

Telephone No *HU-8-3433*

NOV - 2 REC'D
NOV - 2 1962

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Observation of Jovian Satellite Phenomenon

Details of Predicted Phenomenon (see Observer's Handbook):

Local: Date Sept. 19/20 1962. Predicted Time 20^h 09^m Zone EST
U. T.: Date Sept. 20 1962. Predicted Time 1^h 09^m
Satellite ... II (~~Europa~~) (Europa). Phenomenon .. Eclipse...Reappearance

Details of Observation:

	Local Time:	U.T.:
1 st Contact	<u>20</u> ^h <u>06</u> ^m <u>3</u>	<u>1</u> ^h <u>06</u> ^m <u>3</u>
2 nd Contact	<u>20</u> ^h <u>08</u> ^m <u>6</u>	<u>1</u> ^h <u>08</u> ^m <u>6</u>

Record times to nearest 0.1 using 24-hour system.

Remarks on back of form.

Do not write in this space.

$$T_o = \frac{T_1 + T_2}{2} = \dots h \dots m$$

$$T_o - T_c = \dots m$$

$$T_2 - T_1 = \dots m$$

Telescope: Aperture 2.4" Type refractor Power 100x-150x
Seeing (0 worst-10 best) 5 Transparency (0 worst-5 best) 4
Observer Larry Pohjola Mailing Address:
Station same as address 2379 Rossini Blvd
R.A.S.C. Centre Windsor Windsor, Ontario

Planetary Form No 2

ROYAL ASTRONOMICAL SOCIETY OF CANADA
 Observation of Jovian Satellite Phenomenon

Details of Predicted Phenomenon (see Observer's Handbook):

Local: Date October 6/7 1962 Predicted Time h m Zone EST
 U. T.: Date October 7 1962 Predicted Time 01 h 10 m
 Satellite I Phenomenon Sh. I.

Details of Observation:

	<u>Local Time:</u>	<u>U.T.:</u>
1 st Contact	..... h m	..... h m
2 nd Contact	..... h m	<u>01</u> h <u>13</u> m

Record times to nearest 0.^m1 using 24-hour system.

Remarks on back of form.

Do not write in this space.

$$T_o = \frac{T_1 + T_2}{2} = \dots h \dots m$$

$$T_o - T_c = \dots m$$

$$T_2 - T_1 = \dots m$$

Telescope: Aperture <u>8"</u>	Type <u>refl</u>	Power <u>220</u>
Seeing (0 worst-10 best) <u>2-5</u>	Transparency (0 worst-5 best) <u>4</u>	
Observer <u>Jim Low</u>	Mailing Address:	
Station <u>Great Whale River</u>	<u>RCAF Stn., Gt. Whale R.,</u>	
R.A.S.C. Centre <u>Montreal</u>	<u>P.O. Box 6121, Montreal</u>	

Planetary Form No 2

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Observation of Jovian Satellite Phenomenon

Details of Predicted Phenomenon (see Observer's Handbook):

Local: Date NOVEMBER 20 1962 Predicted Time 18 h 48 m Zone E.S.T.
U. T.: Date NOVEMBER 20 1962 Predicted Time 23 h 48 m
Satellite .. III .. Phenomenon .. OCC. REAPPEARANCE ..

Details of Observation:

Local Time: U.T.:
1st Contact h m h m
2nd Contact 18 h 45.1 m 23 h 45.1 m

Record times to nearest 0.1^m using 24-hour system.

Remarks on back of form.

Do not write in this space.

$$T_o = \frac{T_1 + T_2}{2} = \dots h \dots m$$

$$T_o - T_c = \dots m$$

$$T_2 - T_1 = \dots m$$

Telescope: Aperture 8 inches Type Reflector Power 250X
Seeing (0 worst-10 best) 3 Transparency (0 worst-5 best) 1
Observer G. WEDGE Mailing Address:
Station MACKENZIE 3821 MACKENZIE ST
R.A.S.C. Centre MONTREAL MONTREAL 26. QUE.

Time recorded in mean. Satellite was estimated
to be half behind disc of Jupiter.

ROYAL OBSERVATORY GREENWICH
Observation of Jupiter and its Satellites

Name of Observer (see Appendix A)

Local Sidereal Time

U. T. Date and Time

Latitude

Details of Observation

Local Mean Time

Hour Angle

Altitude

Right Ascension

Declination

Remarks on each of the

Remarks on the

Remarks on the

Remarks on the

Remarks on the

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Remarks on the

Remarks on the

Remarks on the

Remarks on the

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date May 21/22 1962 Time 3:25 5:36 EDT Zone EDT
 U. T.: Date May 22 1962 Time 10:25 11:36 UT
 Telescope: Aperture 8" Type refl. Power 250
 Seeing (0 worst-10 best) 4 Transparency (0 worst-5 best) 3.5 m.m.
 Central Meridian: I II
 Observer ZACKON Mailing Address:
 Station 3650 Mount Airy #301 MtL 25
 R.A.S.C. Centre MTL

Drawing:

Intensity Estimates:

caps
3
shows
1, 2
4



6
8.5
0
3, 5, 6
satellite
8.5
6

Observer's Remarks:

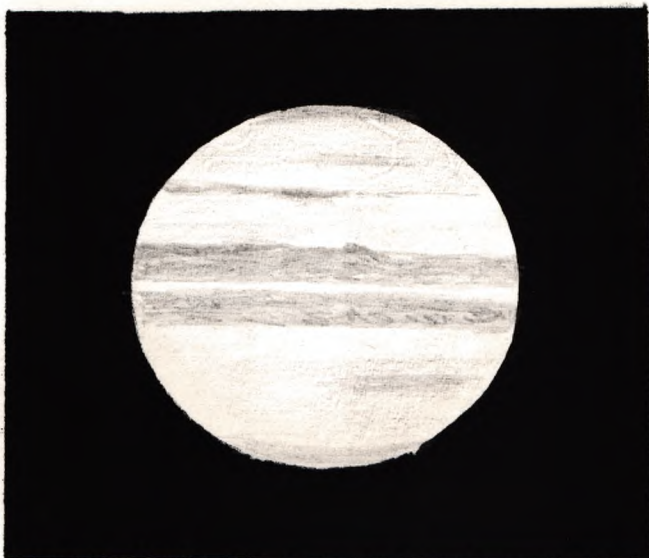
large SPOT C.M. PREceding 5:38 - 3:45 am EDT
 3:46 satellite on
 Flying RHS was out



3:50 EDT SPOT

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



PLANET *Jupiter*.....

Date ..*July 22, 1962*.....

Local Time*2.12 EST*.....

Universal Time ..*7.12*.....

Central Meridian (1)

(2)

Telescope ..*10.8 mm*.....

Eyepiece ..*145 & 130*.....

Seeing ..*Fair*.....

Transparency ..*fairly good*.....

Remarks: *E Z reddish*

*Temperature in observatory
66° F.*

Observer ..*T. J. DeKinder*.....

Address ..*10724 Emile St*.....


Telephone No. ..*DU-8-0682*.....

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



PLANET *Jupiter*.....


Position of Satellite
at 0.45

Date ...*July 23, 1962*.....

Local Time ...*0.35*.....

Universal Time ...*5.35*.....

Central Meridian (1)

(2)

Telescope ...*10.5 mm*.....

Eye-piece ...*1.45 X*.....

Seeing ...*Very good*.....

Transparency ...*Very good*.....

Remarks: *Definitely of a reddish tinge*

*Beautifully clear sky.
Moon in last quarter.
Absolutely no wind.
Temperature of Observatory 62°F*

Observer ...*J. De Kinder*.....

Address ...*10724 Amherst*.....

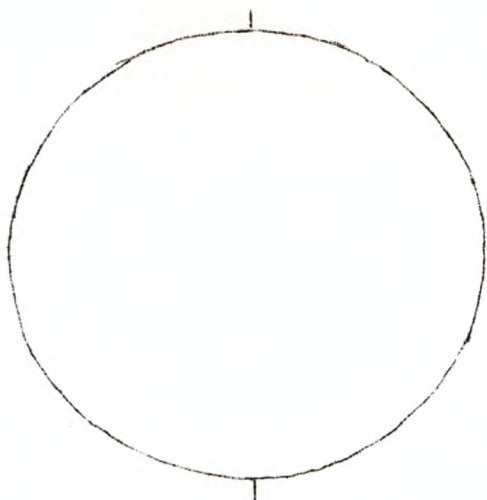
Telephone No. ...*40-8-0682*

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date July 22/23 19.62 Time 02:04 - 02:52 Zone E.D.T.
 U. T.: Date July 23 19.62 Time 06:04 - 06:52
 Telescope: Aperture 8" Type refl. Power 240x
 Seeing (0 worst-10 best) 2 Transparency (0 worst-5 best) 3 1/2 m
 Central Meridian: I 238° II ~~164°~~ 164° (at 06:25 U.T.)
 Observer G. Gaherty, Jr Mailing Address:
 Station Montreal
 R.A.S.C. Centre

Drawing:



Intensity Estimates: (06:20-06:30)

NPR = SPR = 4.0 EZ = 3.2
 SEB_n = 2.5 STrZ = 8.0
 STB = 3.0 NTe-TrZ = 5.8
 NEB_n = 3.0 SEBZ = 7.8
 SEB_s = 4.2 STeZ = 6.7
 SSTB = 3.8

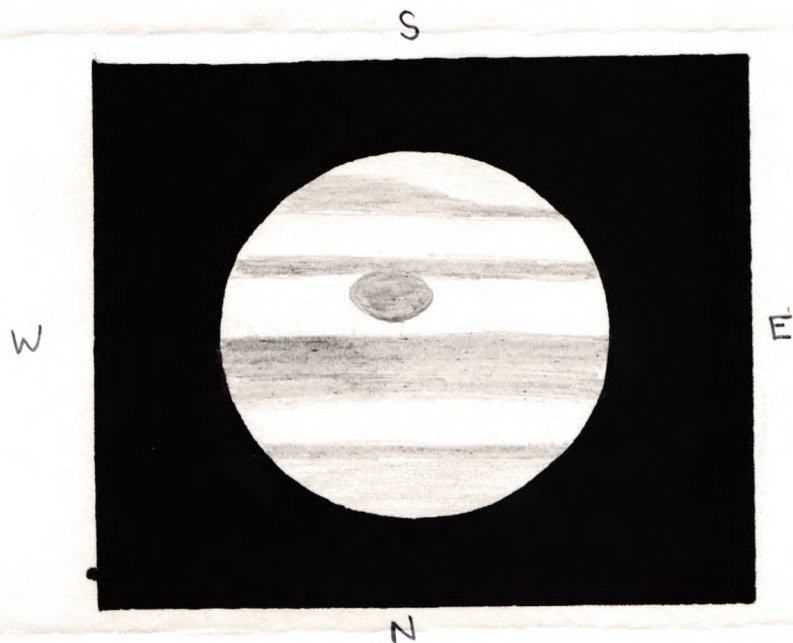
NNTB only detectable as a boundary between NPR & NTeZ. NEBs not distinct at this longitude.

Observer's Remarks:

I've never seen Jupiter look so bland - one has the feeling of the calm before the storm. SEB's strongly suspected, NTe~~Z~~-TrZ quite heavily shaded. EZ shows a mottled effect, but next to impossible to make out anything definite.

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



CENTRAL MERIDIAN
TRANSIT OF "RED SPOT"

Center = 00h. 36m. EST
Following = 00h. 44m. EST

PLANET Jupiter.....

Date July 26/27, 1962

Local Time 00h. 32m. + 20m. E.S.T.

Universal Time 05h. 32m.

Central Meridian (1) 117°

(2) 13°

Telescope 8" Reflector

Eyepiece 220x, 390x.

Seeing 5

Transparency 4

Remarks: North-equatorial belt(s) one large one, instead of the two separate ones observed last year. "Red-spot(?)" (actually seemed dirty orange) was very prominent.

Observer Jim Low

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

Telephone No. 236

ROYAL ASTRONOMICAL SOCIETY OF CANADA

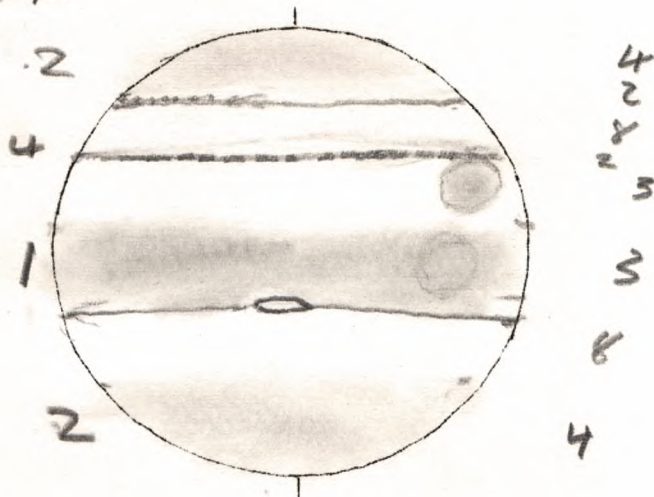
Observation of the Planet Jupiter

Local: Date Aug 2/3 1962 Time 1:10-1:20 Zone E.D.T.
 U. T.: Date Aug 3 1962 Time 5:10-5:20
 Telescope: Aperture 8" Type REFL Power 250
 Seeing (0 worst-10 best) 2-3 Transparency (0 worst-5 best) 3
 Central Meridian: I 346.7 II 190.5
 Observer Z. H. K. O. N. Mailing Address:
 Station Mountain St. 3651 Mountain #301
 R.A.S.C. Centre Montreal M.T.L. 25

Drawing:

Intensity Estimates:

CSPS



Observer's Remarks:

Structure noted on STB + SSB
 nothing worth timing i.e. ~~could~~ couldn't tell
 accurately SEB faint not sure

CM at 8:15 = II 145.2
 + 31.5
 + 29
190.5

I 301.0
 56.8
 + 9.1
346.7

drawing traced

NEB should be ~~_____~~

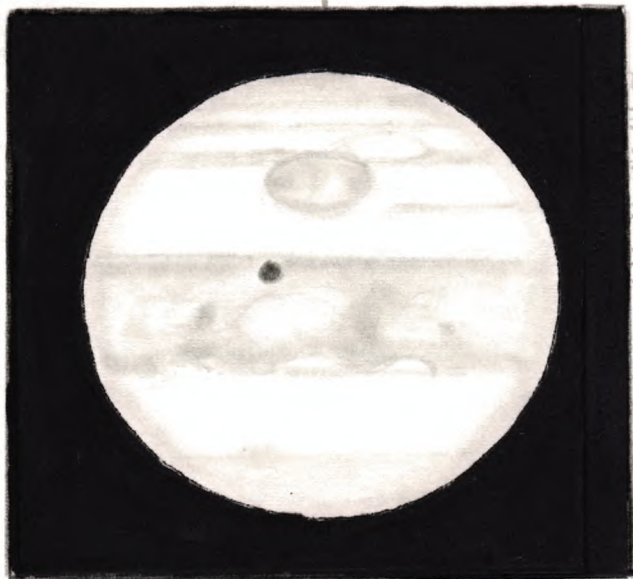
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date August 6 19.62. Time 23:48 Zone .D.S.T...
 U. T.: Date August 6 19.... Time 03:48
 Telescope: Aperture 8 inch Type Refl Power 245x
 Seeing (0 worst-10 best) 5 Transparency (0 worst-5 best) 2.3
 Central Meridian: I 194° II 15°
 Observer H. Baarsch Mailing Address:
 Station Rosemere
 R.A.S.C. Centre Montreal

Drawing:

Intensity Estimates:



4.5
4.5
6
4
5.5
5
8.5
3
4
3.5
8
5.5

Red Spot interior - 4
 circumference - 3.5
 Shadow of sat II - 0

Observer's Remarks:

- Observation made under very good seeing but poor transparency due to hazy sky.
- Red spot interior was rusty pink while circumference was reddish.

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

PLANETARY OBSERVATIONS



PLANET *Jupiter*.....

Date *August 8/9, 1962*.....

Local Time *22:49 + 31m.*..... *E. S. T.*

Universal Time *03:49*.....

Central Meridian (1) *309°*.....

(2) *106°*.....

Telescope *8" - Reflector*.....

Eye-piece *220x, 390x*.....

Seeing *5*.....

Transparency *4*.....

Remarks: *Black spot is a shadow of sat. III. White spots are not satellites.*

Observer *J. M. Low*.....

Address *RCAF Str., St. Wab R.*
P.O. Box 6121, Montreal

Telephone No.

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date Aug. 11..... 1962 Time ...22.30/23.00 Zone E.S.T....
 U. T.: Date Aug. 13..... 1962 Time ...17.30/18.00 03:30-04:00
 Telescope: Aperture 108mm..... Type Reflector..... Power 180x...
 Seeing (0 worst-10 best) ...8..... Transparency (0 worst-5 best) ...4.....
 Central Meridian: I II
 Observer Frank J. DeKinder..... Mailing Address:
 Station 10724 Emile Str. Montreal......
 R.A.S.C. Centre Montreal.....

Drawing:

Intensity Estimates:



• • ⊖ •
 position of satellite
 at 23.04.

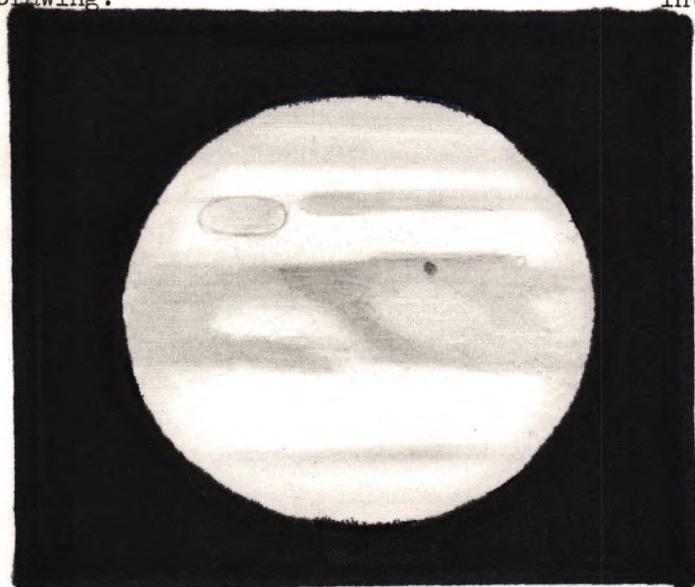
Observer's Remarks:

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date *August 12/13* 19. *62* Time *Detail: { 02:05-02:15 Eq. Region, Belt Pass: 01:05 } Belt latitudes fin: 02:05* Zone *EDT*
 U. T.: Date *August 13* 19. *62* Time *6:05 - 6:30* Zone *21:30 (S region)*
 Telescope: Aperture *6"* Type *Refl.* Power *175*
 Seeing (0 worst-10 best) *3-4* Transparency (0 worst-5 best) *4*
 Central Meridian: I *303.8° (06:05 UT)* II *75.8° (06:20 UT)*
 Observer *K. Chalk* Mailing Address:
 Station *3489 Grey Avenue,*
 R.A.S.C. Centre *Montreal* *Montreal 28, Quebec*

Drawing:



Intensity Estimates:

Observer's Remarks:

The satellite in transit about $\frac{1}{2}$ inch to the right of the shadow was very difficult to make out by the time the drawing was completed. However, its ingress was noted before the drawing was made. For a while it appeared conspicuously brighter than the right end of the bright zone on which it was superimposed. All detail on the ~~XXXXXX~~ N-SEB was very faint, as compared with last year's. The festoon near the centre of the disc was the darkest marking on the disc; no intensity estimate was made on account of the necessity to get up the next morning.

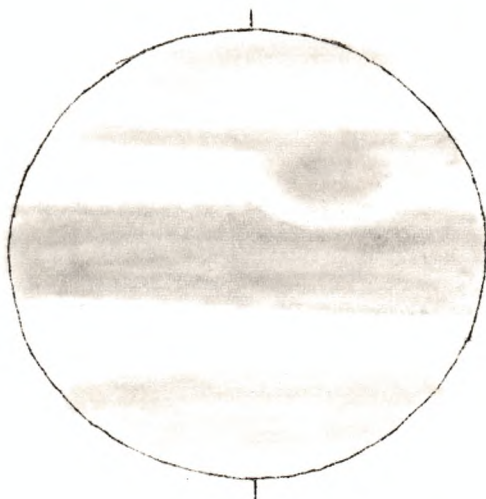
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date ... *AUG 17* ... 19*62* Time ... *23:16* ... Zone *E.D.T.*
 U. T.: Date ... *AUG 18* ... 19*62* Time ... *03:16* ...
 Telescope: Aperture *6 inches* Type *Reflector* Power *220X*
 Seeing (0 worst-10 best) ... *1* ... Transparency (0 worst-5 best) ... *2* ...
 Central Meridian: I ... *271°* ... II ... *360° - 0°*
 Observer ... *G. WEDGE* ... Mailing Address:
 Station ... *W*
 R.A.S.C. Centre *MONTREAL*

Drawing:

Intensity Estimates:



Observer's Remarks:

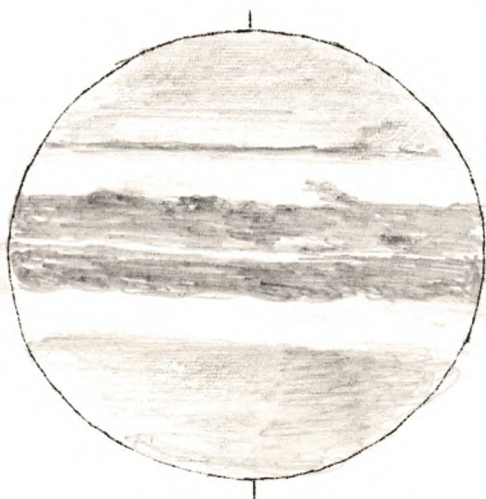
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date August 17 1962 Time 22.45 Zone E.S.T.
U. T.: Date August 18 1962 Time 13.45
Telescope: Aperture 105 mm Type Refractor Power 145x
Seeing (0 worst-10 best) 6 Transparency (0 worst-5 best) 3
Central Meridian: I II
Observer F. J. D. Kindt Mailing Address:
Station 10725 Emile St.
R.A.S.C. Centre Montreal

Drawing:

Intensity Estimates:



Position of Satellites

Observer's Remarks: Fairly reddish.

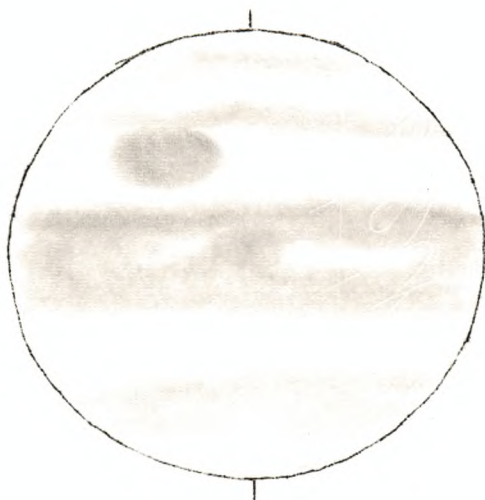
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date *AUG. 18*..... 19*62*. Time ...*00:35*..... Zone *EDT*..
 U. T.: Date *AUG. 18*..... 19*62*. Time ...*04:35*.....
 Telescope: Aperture *6 inches*..... Type *Refractor*..... Power ...*220X*..
 Seeing (0 worst-10 best) ...*3*..... Transparency (0 worst-5 best) ...*2*.....
 Central Meridian: I ...*319°*..... II ...*37°*.....
 Observer ...*G. WEDGE*..... Mailing Address: ..
 Station
 R.A.S.C. Centre ...*MONTREAL*.....

Drawing:

Intensity Estimates:



Observer's Remarks:

*3 N edge NEB unresolvable. note bay above RS
 on S edge S.T.B.*

ROYAL ASTRONOMICAL SOCIETY OF CANADA


Observation of the Planet Jupiter

Local: Date August 23..... 1962 Time ..23.10..... Zone E.S.T...
 U. T.: Date24..... 19.62 Time4.10.....
 Telescope: Aperture ...108 mm..... Type Refractor..... Power 180X...
 Seeing (0 worst-10 best)8..... Transparency (0 worst-5 best) ...4.....
 Central Meridian: I II
 Observer F. J. DeKinder..... Mailing Address:
 Station
 R.A.S.C. Centre ..Montreal.....

Drawing:

Intensity Estimates:



.....
 Position of Satellites 
 at 23.15

Observer's Remarks: Definitely reddish.

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date *Aug 25* 19. *62*. Time *09:25* Zone *DST*

U. T.: Date *Aug 25* 19. *62*. Time *04:25*

Telescope: Aperture *3 inch* Type *R.C.R.* Power *160x-250x*

Seeing (0 worst-10 best) *5-3* Transparency (0 worst-5 best) *3-4*

Central Meridian: I *339* II *14°*

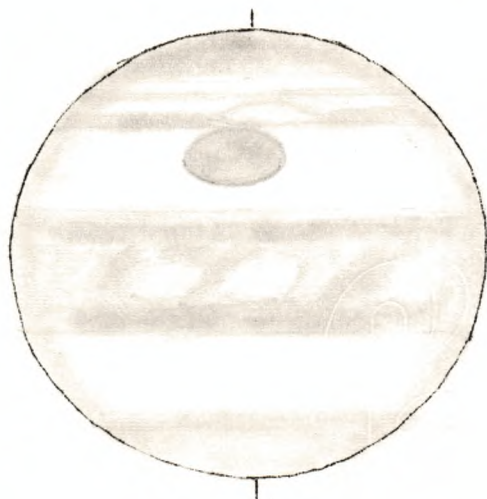
Observer *H. Branch* Mailing Address:

Station *Lake, Mississippi*

R.A.S.C. Centre

Drawing:

Intensity Estimates:



Observer's Remarks:

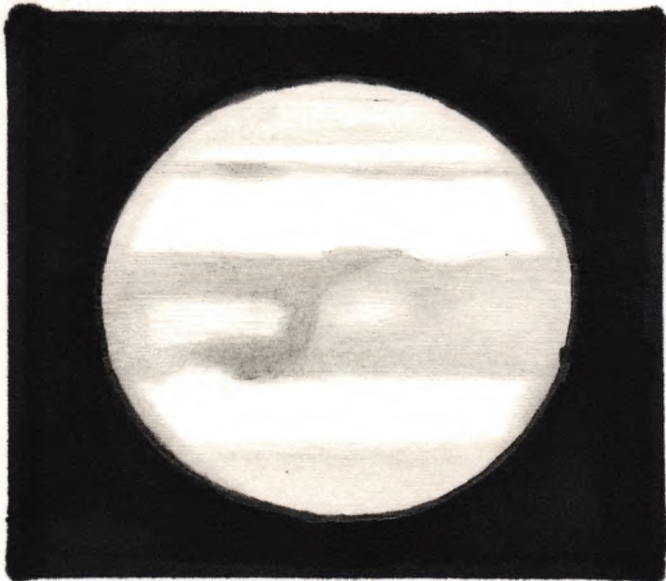
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date *August 26/27* 19*62* Time *latitudes: 00:06*
Syst. I: 00:17 Zone *E.D.T.*
Syst. II: 00:20
 U. T.: Date *August 27* 19.... Time *04:06, 04:17, 04:20*
 Telescope: Aperture *6"* Type *Reflector* Power *175*
 Seeing (0 worst-10 best) *A* Transparency (0 worst-5 best) *4*
 Central Meridian: I *290°:8* II *311°:8*
 Observer ... *K. Chalk* Mailing Address:
 Station ... *Messoujige Lake, Quebec* *you know bloody well*
 R.A.S.C. Centre ... *Montreal*

Drawing:

Intensity Estimates:



Observer's Remarks:

00:06 - latitude
Syst. I, 00:17 fr.
II 00:20 fr.

ROYAL ASTRONOMICAL SOCIETY OF CANADA

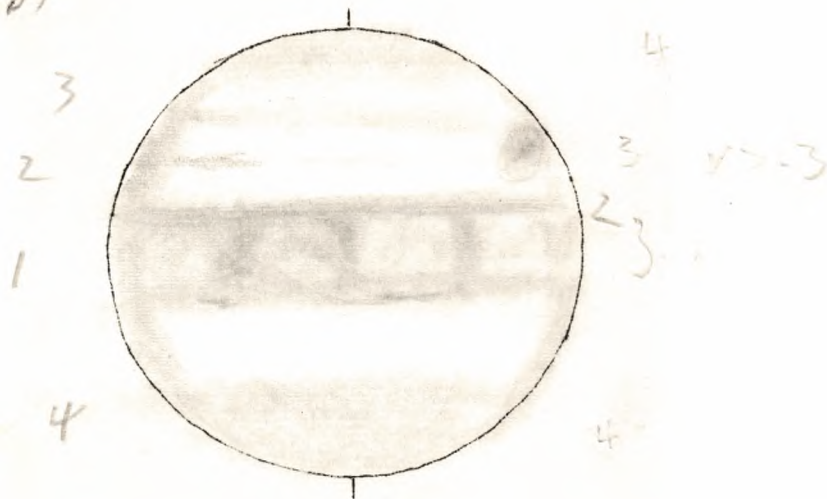
Observation of the Planet Jupiter

Local: Date Aug 28/27 1962 Time 09:45 Zone EDT
 U. T.: Date Aug 27 1962 Time 04:45
 Telescope: Aperture 6 Type refl Power 175
 Seeing (0 worst-10 best) 3-4 Transparency (0 worst-5 best) 3
 Central Meridian: I 160.2 II 182.1
 Observer ZACHOV D. Mailing Address:
 Station Massachusetts 3650 Mountain #301
 R.A.S.C. Centre Montreal Montreal Que.

Drawing:

Intensity Estimates:

CSOS



Observer's Remarks:

equatorial zone markings very faint, unsure

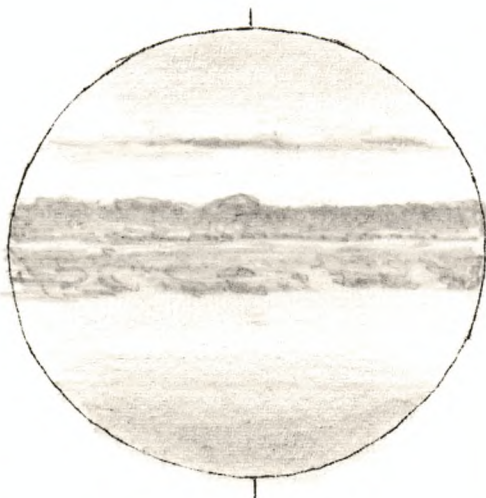
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date Aug. 29 1962 Time 10.30 Zone E.S.T.
 U. T.: Date Aug. 30 1962 Time 2.30
 Telescope: Aperture ... 10.8" f/11 Type Refractor Power 140x
 Seeing (0 worst-10 best) ... 7 Transparency (0 worst-5 best) ... 4
 Central Meridian: I II
 Observer F.J. deKinder Mailing Address:
 Station Montreal
 R.A.S.C. Centre

Drawing:

Intensity Estimates:



Position of Satellites
 10.38 EST.

Observer's Remarks:

7

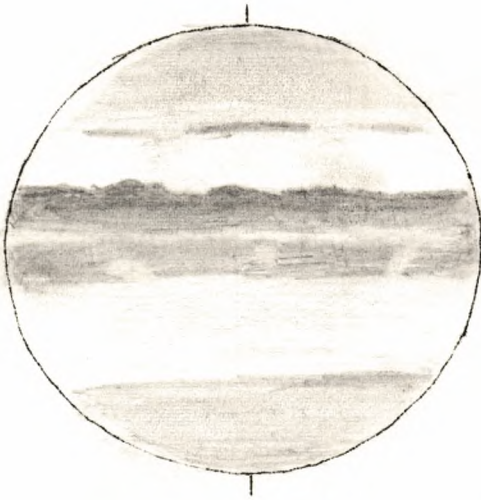
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date .. Sept 1 1962 Time ... 23.00-23.10 Zone EST...
 U. T.: Date .. 1 1962 Time ... 4.00-4.10...
 Telescope: Aperture .. 4" (10.8 cm)... Type Refractor... Power 140X...
 Seeing (0 worst-10 best) ... 3..... Transparency (0 worst-5 best) .. 3.....
 Central Meridian: I II
 Observer .. F. J. Dekinder..... Mailing Address:
 Station .. Montreal.....
 R.A.S.C. Centre .. ✓.....

Drawing:

Intensity Estimates:



position of Sat. 23.10

Observer's Remarks:

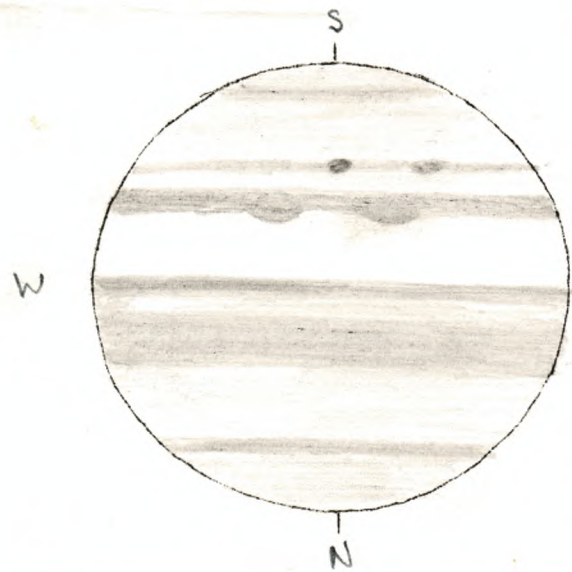
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date ..September 1..... 19.62 Time ..23h. 43m. +25m... Zone E.S.T.
 U. T.: Date ..September 2..... 19.62 Time ..04h 43m. +25m...
 Telescope: Aperture ..8"..... Type Refl., f. 7.7 Power 220X
 Seeing (0 worst-10 best) ..5..... Transparency (0 worst-5 best) ...4.....
 Central Meridian: I ...175°..... II ...148°.....
 Observer ..Jim Low..... Mailing Address:
 Station ..55° 18' N; 77° 44' W..... RCAF Stn., Gt. Whale R.
 R.A.S.C. Centre ..Montreal..... P.O. Box 6121, Montreal.

Drawing:

Intensity Estimates:



Observer's Remarks: Central Meridian transit on other sheet.

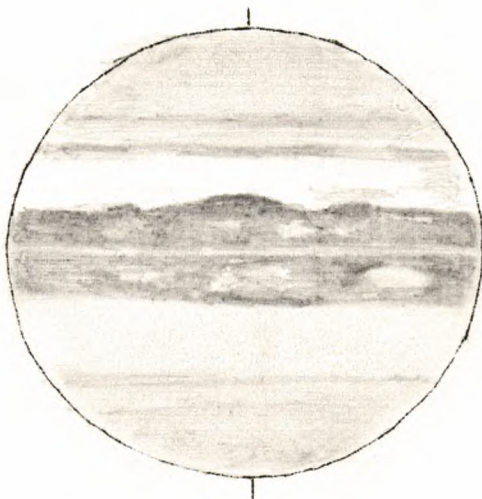
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date September 2 1962 Time 22.40 to 22.50 Zone E.S.T.
 U. T.: Date ✓ 3 1962 Time 3.40 to 3.50
 Telescope: Aperture 128 mm Type Refractor Power 145X
 Seeing (0 worst-10 best) 3 Transparency (0 worst-5 best) 3
 Central Meridian: I II
 Observer Frank J. DeKindt Mailing Address:
 Station Montreal
 R.A.S.C. Centre ✓

Drawing:

Intensity Estimates:



Observer's Remarks:

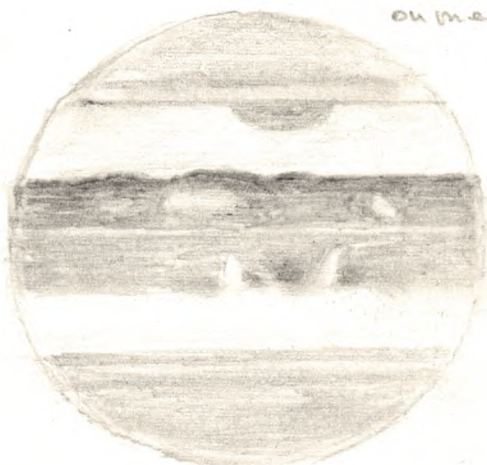
Construction

FORM TIES & WEDGES - FORM CLAMPS
- INNER RODS - PIGTAIL ANCHORS &
COUPLINGS - SOFFIT SPACERS -
MALLEABLE 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. 3, 1962, 21.40 EST
Leading edge of red spot
on meridian.



U.T. 2.40

Transp. 7

Seeing 3

108 mm Refr.
145x

position of Satellite at 21.53 EST:

F. J. Bekinder Montreal.

Drew, Brown Ltd.
5410 Ferrier St., Montreal

Ri-4-2821

ROYAL ASTRONOMICAL SOCIETY OF CANADA

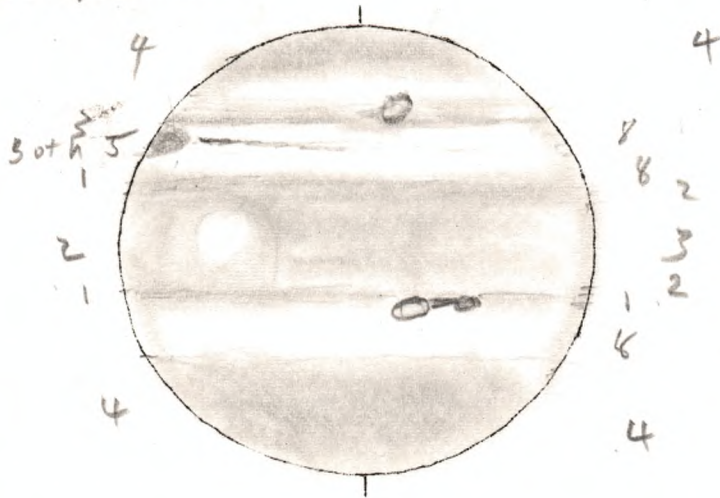
Observation of the Planet Jupiter

Local: Date Sept 3/4 19. 62 Time 0017 - 0030 Zone EDT
 U. T.: Date Sept 4 19. 62 Time 0417 - 0430
 Telescope: Aperture 8" Type refl Power 250x
 Seeing (0 worst-10 best) 2-3 Transparency (0 worst-5 best) 2-3
 Central Meridian: I 336.4 II 296.2
 Observer ZACKOV D.L. Mailing Address:
 Station Montreal 3650 Mountain #201
 R.A.S.C. Centre Montreal MTL 251 QUE

Drawing:

Intensity Estimates:

Conspicuousness



Observer's Remarks:

OVALS drawn and ARE really and sorry for inconvenience edge darkening put in after (forgot)

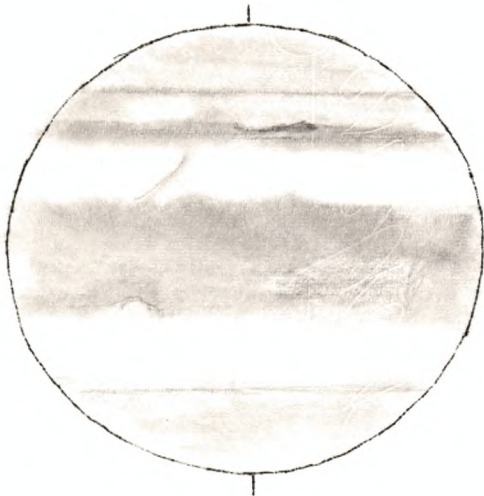
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date SEPT 7 1962 Time 23:45-00:00 Zone EDT...
 U. T.: Date SEPT 8 1962 Time 03:45-04:00...
 Telescope: Aperture 6 inches Type Refractor Power 220X...
 Seeing (0 worst-10 best) 3 Transparency (0 worst-5 best) 2...
 Central Meridian: I 120° II 300°...
 Observer G. Wedge Mailing Address:
 Station OBSERVATORY 3821 MACKENZIE ST...
 R.A.S.C. Centre MONTREAL MONTREAL 26 QUE....

Drawing:

Intensity Estimates:



Observer's Remarks:

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date Sept 8/9 1962 Time 22:15 - 23:30 Zone EST
 U. T.: Date Sept 9 1962 Time ~~01:15 - 01:30~~ 03:15 - 03:30
 Telescope: Aperture 6" Type refr Power 220
 Seeing (0 worst-10 best) 3-4 Transparency (0 worst-5 best) 3
 Central Meridian: I 16° II 298.0
 Observer ZACHAR D.L. Mailing Address:
 Station MtL 3650 Mountain #30
 R.A.S.C. Centre Montreal MtL 25.400

Drawing:

Intensity Estimates:

Conspic.

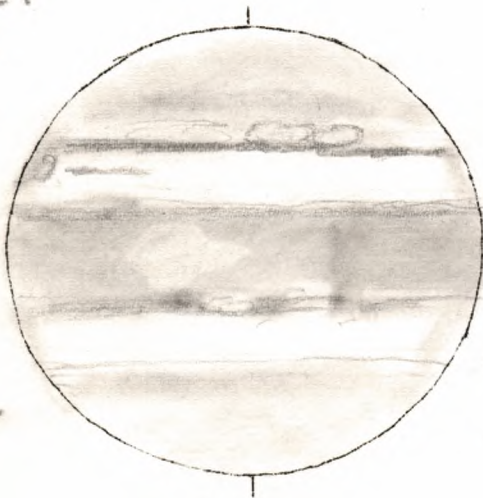
2

3

4

1

2



4

2

3

2

4

Observer's Remarks:

I 28.2
 + 12.2

 16.0

II 310.1
 - 12.1

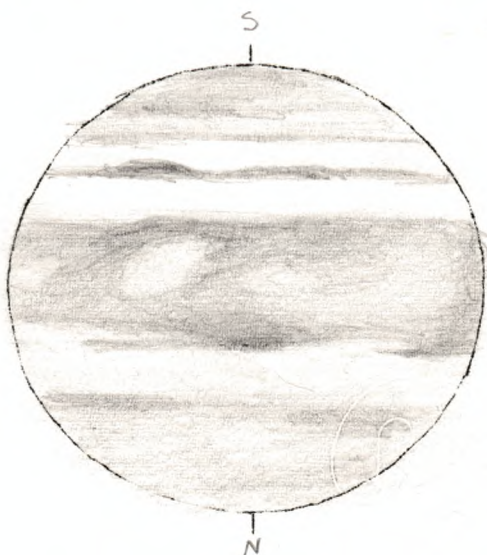
 298.0

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date Sept 12/13 1962 Time 21:05-21:23 Zone EDT.....
 U. T.: Date Sept 13/62 1962 Time 1:05 - 1:23.....
 Telescope: Aperture 6-inch Type 6" Refr. Power 150X.....
 Seeing (0 worst-10 best) 5 Transparency (0 worst-5 best) 4.....
 Central Meridian: I 343 II 234.....
 Observer Rita Prezant Mailing Address:.....
 Station Observatory 4601 Royal Ave.....
 R.A.S.C. Centre Montreal Montreal 28, P.Q......

Drawing:



Intensity Estimates:

Conspicuousness

1. equatorial zone
2. south temperate belt
3. dark knots in south temperate belt
4. white spots in equatorial zone
5. whitish drifting patches in north equatorial belt zone
6. S. polar zone
7. S.S temperate belt
8. N Temperate Zone

Observer's Remarks:

Equatorial zone appeared a pinkish grey at first sight but as more detail became apparent the pink tone disappeared and the area seemed more of a yellowish grey. The Northern section of the equatorial zone appeared to have whitish patches drifting across, cutting the belt open, and the area between the two patches seemed much darker than the other dark parts. The N. Temperate zone did not reveal as much detail as the other sections of the planet.

ROYAL ASTRONOMICAL SOCIETY OF CANADA

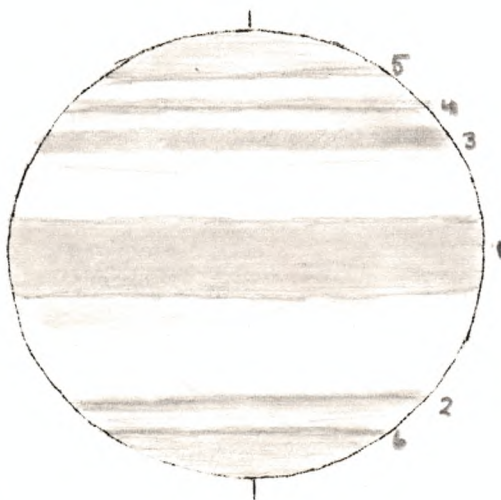
Observation of the Planet Jupiter

Local: Date .SEPT. 12/13... 19.42 Time 21:25-21:40... Zone E.D.T...
 U. T.: Date .SEPT 13... 19.42 Time 01:25-01:40...
 Telescope: Aperture ...6... Type REFRACTOR... Power ...150...
 Seeing (0 worst-10 best) ...3-4... Transparency (0 worst-5 best) ...3...
 Central Meridian: I ...355... II ...246...
 Observer ...BRIAN NEYSMITH... Mailing Address:
 Station ...CENTRE... 3409 LACOMRE AVE...
 R.A.S.C. Centre ...MONTREAL... MONTREAL 26 PQ...

Drawing:

Intensity Estimates:

conspicuousness



Observer's Remarks:

I THINK THAT THE CENTRAL BAND HAS A REDDISH TINT TO IT, AND ALL SIX BANDS OBSERVED HAD A REDDISH OVERTONE, RATHER THAN JUST BLACK AND WHITE.

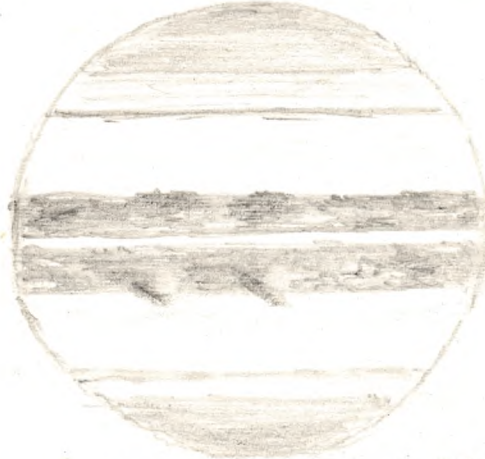
Construction

FORM TIES & WEDGES - FORM CLAMPS
 - INNER RODS - PIGTAIL ANCHORS &
 COUPLINGS - SOFFIT SPACERS -
 MALLEABLE 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

Jupiter



Sept. 12, 1962

20.40 - 20.50 EST

Seeing 6

Transparency 3

Sept. 13, 1962

1.40 - 1.50 U.T.

Satellite position at 20.50 EST.

F. J. DeKinde

Drew, Brown Ltd.
 5410 Ferrier St., Montreal

Ri-4-2821

ROYAL ASTRONOMICAL SOCIETY OF CANADA

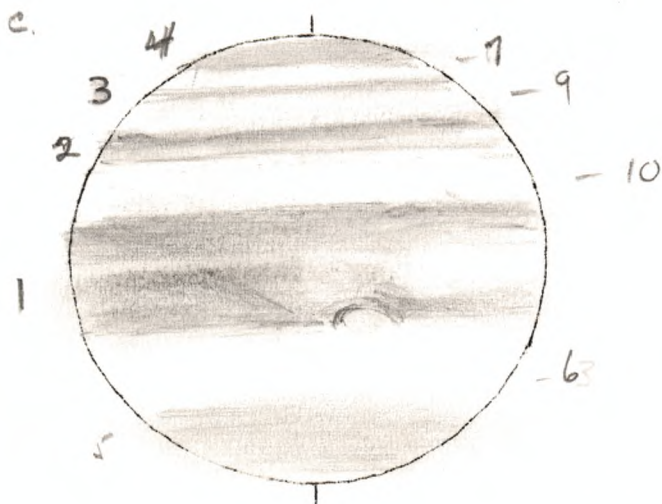
3191.6
7216
364.2

Observation of the Planet Jupiter

Local: Date *Sept 12* 19*62* Time *21:55 - 22:13* Zone *E.D.T.*
 U. T.: Date *01:55:02:13* 19*62* Time *Sept 13*
 Telescope: Aperture *6" REFRACTOR* Type Power *X150*.....
 Seeing (0 worst-10 best) *4-5* Transparency (0 worst-5 best) *2-3*.....
 Central Meridian: I *168°* II *26.7°*.....
 Observer *Louis R. Duchow* Mailing Address:.....
 Station *5987 MacDONALD AVE.*.....
 R.A.S.C. Centre *MONTREAL*.....

Drawing:

Intensity Estimates:



*Intensities only for zones.
Conspicuousness for Belts.*

Observer's Remarks:

*Pinkish Brown
appearance of Belts.
with a division direct-
ly at the equator.*



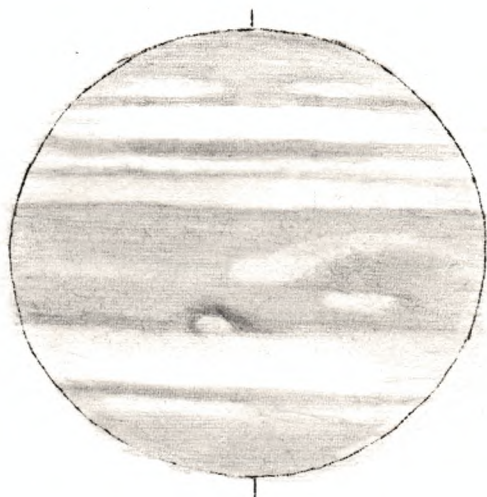
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date *Sept 12* 19*.62* Time *21:30-21:40* Zone *EST*
 U. T.: Date *Sept 13* 19*.62* Time *2:30-2:48*
 Telescope: Aperture *6"* Type *refr.* Power *150x*
 Seeing (0 worst-10 best) *4-5* Transparency (0 worst-5 best) *4*
 Central Meridian: I *35° 5'* II *285°*
 Observer *Andrew LAUR* Mailing Address:
 Station *Mont. Centre Obs.*
 R.A.S.C. Centre *Montreal*

Drawing:

Intensity Estimates:



Observer's Remarks:

*60% of detail visible represented with
 about 80% accuracy, no notable
 colour visible.*

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date ..Sept...12/13..... 19.62 Time 23:00..... Zone E.D.T.

U. T.: DateSept...13..... 1962 Time 03:00.....

Telescope: Aperture6..... Type ...refr..... Power 150-220

(FOR Lenticular)

Seeing (0 worst-10 best) ...3-4..... Transparency (0 worst-5 best) 2-3 m.p.m.

Central Meridian: I II

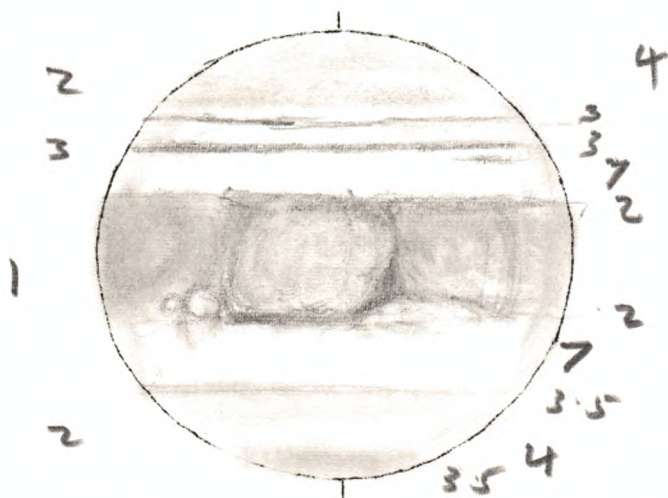
ObserverZ. H. C. T. W. Mailing Address:

StationM.T.L. 3.650 Mountain St.

R.A.S.C. CentreM.T.L. M.T.L. 25, 640

Drawing:

Intensity Estimates:



Observer's Remarks:

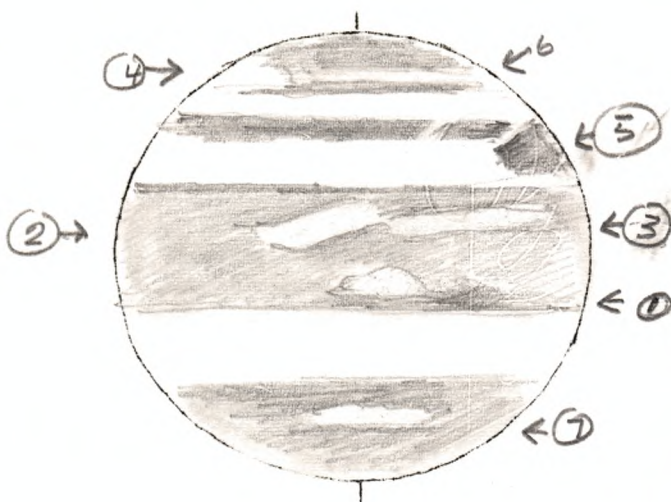
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date Sept 12/13 1962 19.... Time 23:10 - 23:35 Zone EDT
 U. T.: Date Sept 13 1962 19.... Time 3:10 - 3:35
 Telescope: Aperture 6" Refrac Type Refractor Power 150x
 Seeing (0 worst-10 best) 4 Transparency (0 worst-5 best) 3
 Central Meridian: I II
 Observer S. M. SUNDELL Mailing Address:
 Station Montreal 3300 Ridgewood Ave
 R.A.S.C. Centre Montreal Montreal 26

Drawing:

Intensity Estimates:



Conspicuousness

Observer's Remarks:

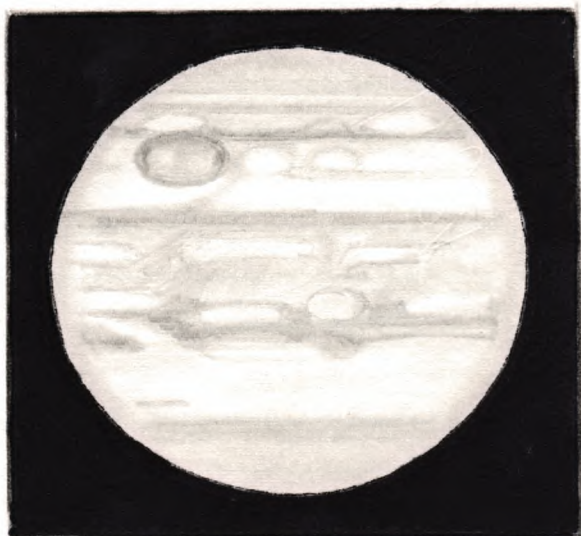
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date Sept. 13 1962. Time 01.55 Zone ..DST...
 U. T.: Date Sept. 13 1962. Time 25.55 (noon time)
 Telescope: Aperture 8 inch Type Refl. Power 245
 Seeing (0 worst-10 best) 3-4 Transparency (0 worst-5 best) 4-5
 Central Meridian: I 156 II 46
 Observer K. Braach Mailing Address:
 Station .. Rosemere
 R.A.S.C. Centre .. Montreal ..

Drawing:

Intensity Estimates:



Observer's Remarks:

- Excellent conditions gave finest view of planet to date, much of the finer detail may not be too accurately placed as it was at the limit of visibility
- Both red spot and equatorial region showed distinct rusty red colours
- NNNTB seemed to be distinguishable from the general north polar darkening

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date Sep. 22 19. 62 . Time 22:30 Zone

U. T.: Date Sep. 22 19. 62 . Time 02:30

Telescope: Aperture 8 inch Type .. Refle. Power ... 245

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

Central Meridian: I II

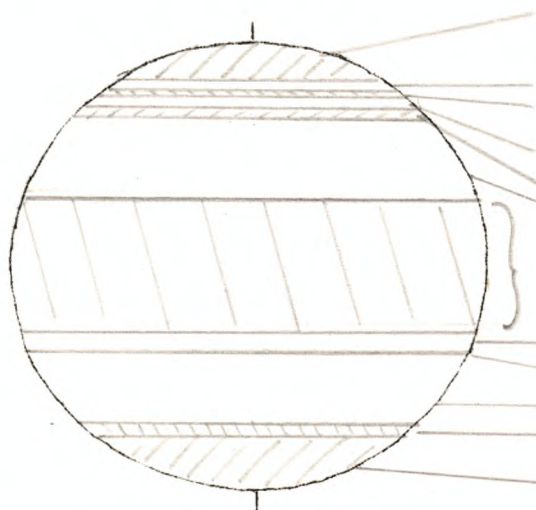
Observer K. Braash Mailing Address:

Station

R.A.S.C. Centre

Drawing:

Intensity Estimates:



S.P.	-	4.5
? SSTZ	-	6
SSTB	-	4
STZ	-	7.5
STB	-	3
STZ	-	8.5
SEB _n	-	3.5
NEB	-	
NTZ	-	varies
NTB	-	5
NTZ	-	7
NTB	-	4
NP.	-	5.5

Observer's Remarks:

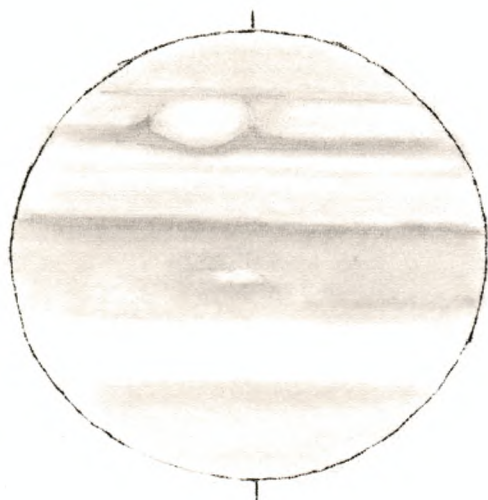
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date SEPT 21 1962 Time 23:30-23:45 Zone E.D.T.
 U. T.: Date SEPT 22 1962 Time 03:30-03:45
 Telescope: Aperture 8 inches Type Reflector Power 250x
 Seeing (0 worst-10 best) 1-3 Transparency (0 worst-5 best) 2
 Central Meridian: I 54° II 236°
 Observer G. WEDGE Mailing Address:
 Station 3821 MACKENZIE ST
 R.A.S.C. Centre MONTREAL MONTREAL 26 QUE.

Drawing:

Intensity Estimates:



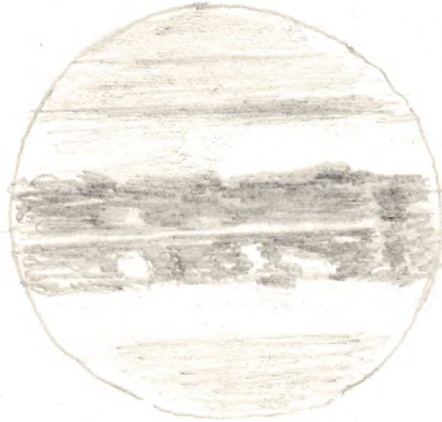
Observer's Remarks:

12
Construction

FORM TIES & WEDGES - FORM CLAMPS
- INNER RODS - PIGTAIL ANCHORS &
COUPLINGS - SOFFIT SPACERS -
MALLEABLE 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



Jupiter

Oct. 2. 1962

21.15 - 21.25
EST

U.T. Oct. 3. 1962

2.15 - 2.25



Position of
Satellites at
10.25 EST

108mm Refractor 145x
Seeing V.G. Transparency 3

F. J. DeKinder

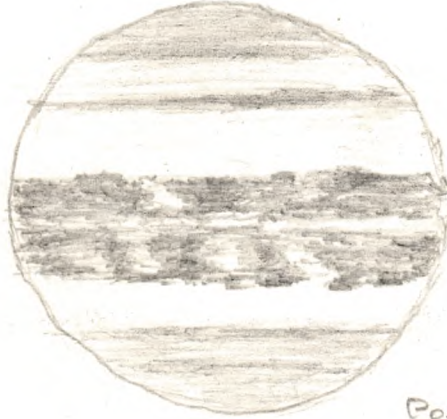
Drew, Brown Ltd.
5410 Ferrier St., Montreal **Ri-4-2821**

Construction

FORM TIES & WEDGES - FORM CLAMPS
- INNER RODS - PIGTAIL ANCHORS &
COUPLINGS - SOFFIT SPACERS -
MALLEABLE 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



Jupiter
Oct. 1, 1962
21.05 - 21.15
EST.

U.T. Oct. 2, 1962
21.05 - 21.15

Position of Satellite,
21.15 EST.



Instrument 108mm Refractor 145X
Seeing V.G. Transparency 3.

F.P. Dekinder

Drew, Brown Ltd.
5410 Ferrier St., Montreal **Ri-4-2821**

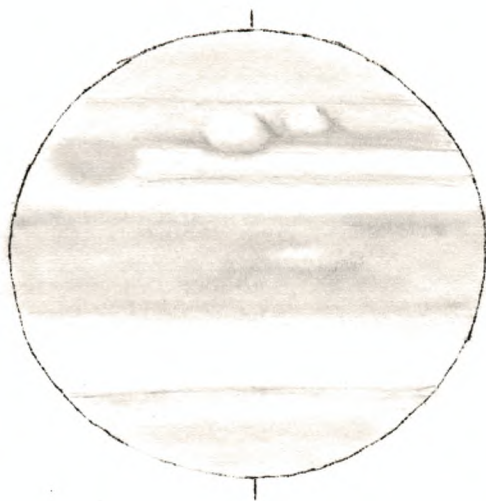
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date OCT 2..... 1962 Time 22:50:22:58... Zone EDT...
 U. T.: Date OCT 3..... 1962 Time 02:50-02:58...
 Telescope: Aperture 8 inches..... Type Reflector..... Power 250x...
 Seeing (0 worst-10 best) 3..... Transparency (0 worst-5 best) 2 (light)...
 Central Meridian: I ~~326~~ 326° II 64°.....
 Observer G. WEDGE..... Mailing Address:
 Station MACKENZIE..... 3821 MACKENZIE ST.....
 R.A.S.C. Centre MONTREAL..... MONTREAL 26.....

Drawing:

Intensity Estimates:



Observer's Remarks:

Star

ROYAL ASTRONOMICAL SOCIETY OF CANADA
Montreal Centre

Star



The regular monthly meeting of the Montreal Centre of the Royal Astronomical Society of Canada will be held in:

at 19.30 EST,
Oct. 3, 1962.

Jupiter



... study of colour and the various ways in which it is perceived and affected. It has been arranged and will be carried out by Messrs. David Sands and Stephen Harold. ... 19.30 - 19.40 EST.
6 Refractor X 60 ... 0.30 - 0.40 U.T.

F. J. De Kinder

... the TOWNSEND lecture on March 8, 1962. This year the speaker will be the well-known Astronomer, Dr. G. C. McVittie of the University of Illinois. His topic, "Some Recent Developments in Cosmology," should prove to be a highlight in the list of presentations in this series devoted to the memory of the benefactor of our Centre. You are especially invited to bring non-members with you. It should prove an ideal introduction to Astronomy for them.

W. J. Gullinan, Secretary
Montreal Centre, RASC
5099 King Edward Avenue
Montreal 29, Quebec

ROYAL ASTRONOMICAL SOCIETY OF CANADA
M o n t r e a l C e n t r e

The regular monthly meeting of the Montreal Centre of the Royal Astronomical Society of Canada will be held in:

The Macdonald Physics Building
McGill University

on

Thursday, February 8, 1962

at

8:15 p.m.

The program will consist of a demonstration entitled:

LET THERE BE LIGHT AND
LET'S LOOK AT IT

This is a spectroscopic study of colour and the various ways in which it is perceived and affected. It has been arranged and will be carried out by Messrs. David Sands and Stephen Harrold. This is an expanded version of one of our Saturday night programs which proved so popular a short time ago. An interesting evening is assured.

Plan now to attend the TOWNSEND lecture on March 8, 1962. This year the speaker will be the well-known Astronomer, Dr. G. C. McVittie of the University of Illinois. His topic, "Some Recent Developments in Cosmology" should prove to be a highlight in the list of presentations in this series devoted to the memory of the benefactor of our Centre. You are especially invited to bring non-members with you. It should prove an ideal introduction to Astronomy for them.

W. J. Cullinan, Secretary
Montreal Centre, RASC
5009 King Edward Avenue
Montreal 29, Quebec

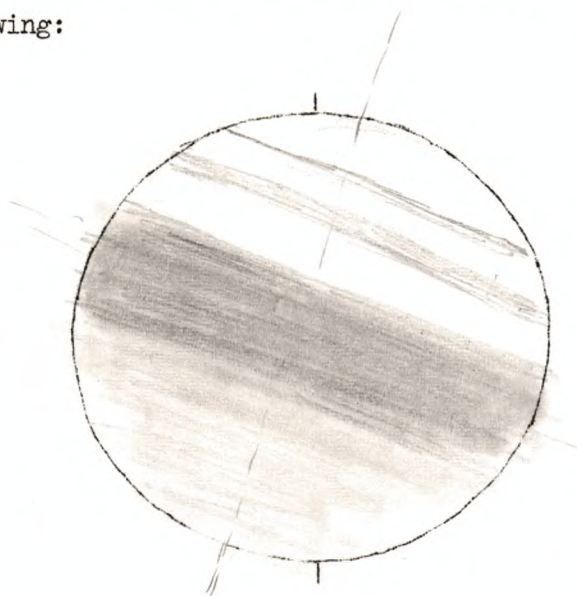
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date ... *October 3/4* 19. *62* Time ... *2115* Zone *EDT* ...
 U. T.: Date ... *Oct 4th* 19. *62* Time ... *0115*
 Telescope: Aperture ... *6"* Type *Refractor* Power *170*
 Seeing (0 worst-10 best) *Fair/Good* Transparency (0 worst-5 best) *Fair/Good*
 Central Meridian: I II
 Observer ... *LR Hasell* Mailing Address:
 Station ... *Montreal* *90 Centre -*
 R.A.S.C. Centre ... *"*

Drawing:

Intensity Estimates:



Observer's Remarks:

ROYAL ASTRONOMICAL SOCIETY OF CANADA

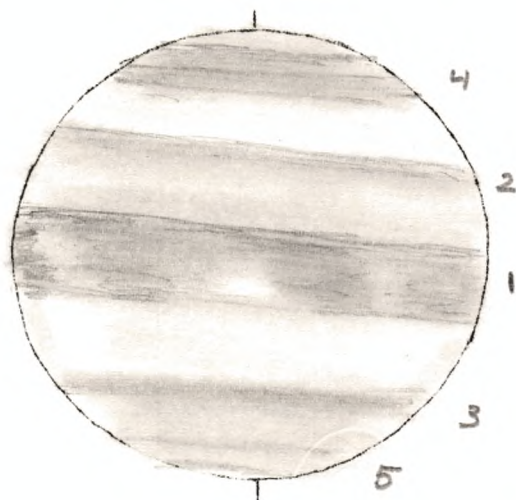
Observation of the Planet Jupiter

Local: Date Oct 3/62..... 1962. Time ...21:30..... Zone EDT
 U. T.: Date Oct 4..... 1962 Time ...0130.....
 Telescope: Aperture6"..... Type REFRACTOR... Power ..170.....
 Seeing (0 worst-10 best)6..... Transparency (0 worst-5 best) ...3.....
 Central Meridian: I II
 Observer BRIAN NEWMITH Mailing Address:
 StationMONTREAL.....
 R.A.S.C. Centre11.....

Drawing:

Intensity Estimates:

CONSPICUOUSNESS



Observer's Remarks:

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date 3 OCT 19.62 Time 21 43 Zone EDT
U. T.: Date 4 OCT 19.62 Time 01 43
Telescope: Aperture 6 inch Type Refractor Power 170
Seeing (0 worst-10 best) 6 Transparency (0 worst-5 best) 3
Central Meridian: I II
Observer K.E. McNamee Mailing Address:
Station MONTREAL
R.A.S.C. Centre MONTREAL

Drawing:

Intensity Estimates:



Observer's Remarks:

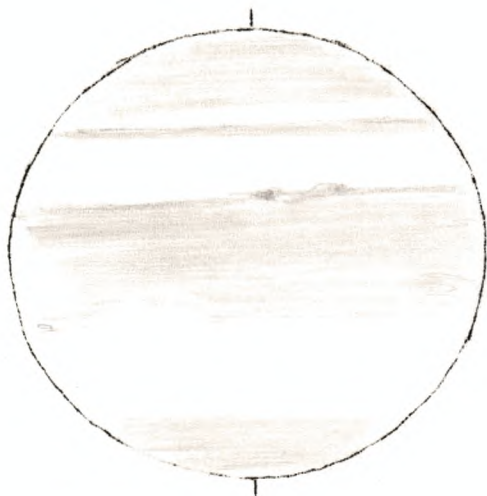
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date Oct 3/4 1967 Time 22:15 Zone EDT...
 U. T.: Date Oct 4/1 1967 Time 02:15
 Telescope: Aperture Type REFRACTOR Power X170
 Seeing (0 worst-10 best) 5 Transparency (0 worst-5 best) 2-3
 Central Meridian: I 257.70' II 351.5
 Observer LOUIS R. DUCHOW Mailing Address:
 Station MONTREAL
 R.A.S.C. Centre MONTREAL

Drawing:

Intensity Estimates:



Observer's Remarks:

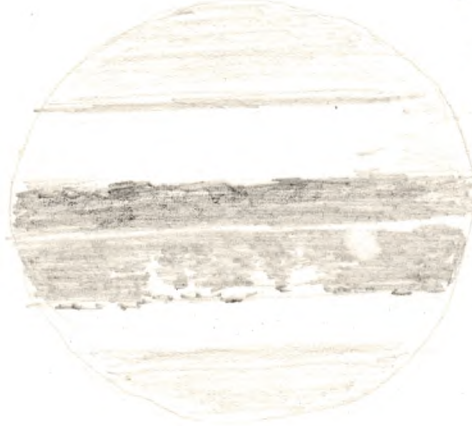
14

Construction

FORM TIES & WEDGES - FORM CLAMPS
 - INNER RODS - PIGTAIL ANCHORS &
 COUPLINGS - SOFFIT SPACERS -
 MALLEABLE 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



Jupiter

21.35-21.45 962
EST. Oct 3

2.35-2.45 UT.
Oct. 4.

F. J. DelCinder
 108 Wm. Reppeler
 X 145.

Drew, Brown Ltd.
 5410 Ferrier St., Montreal **Ri-4-2821**

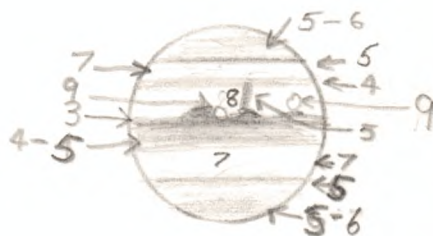
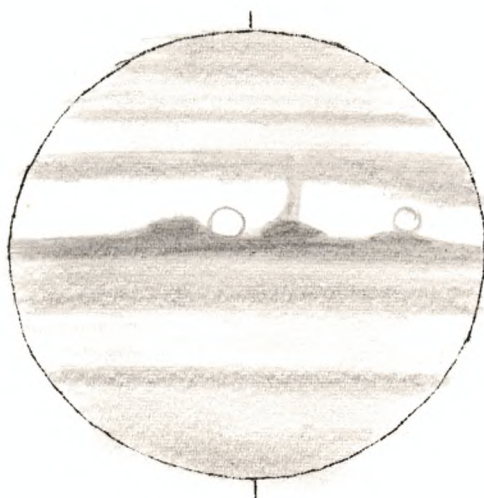
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date October 6/7 1962 Time 19:50 + 35m. Zone E. S. T.
 U. T.: Date October 7 1962 Time 00h 50m. + 35m.
 Telescope: Aperture 8" f 7.7 Type Reflector Power 220X (390X ^{test} 780X)
 Seeing (0 worst-10 best) 2-5+ Transparency (0 worst-5 best) 4
 Central Meridian: I 162° II 230°
 Observer Jim Low Mailing Address:
 Station 55°18'N; 77°44'W. RCAF Stn., Gt. Whale R.
 R.A.S.C. Centre Montreal P.O. Box 6121, Montreal

Drawing:

Intensity Estimates:



Observer's Remarks:

Central Meridian Transit:

Oct. 7, 1962 00:54 U.T. Dc, proj. E.Z. *VL*

Satellite phenom.

Oct. 7, 1962 01:13 U.T.

	1st	2nd	mean	
	?	01:13	?	I III

VL

VL

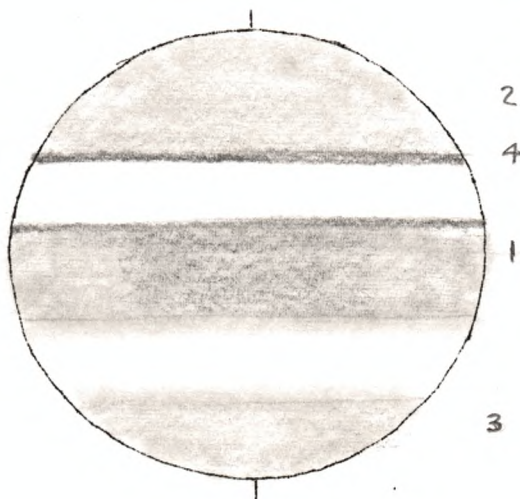
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date ...17... OCTOBER... 19.62. Time ...21:15..... Zone
U. T.: Date ...18... OCTOBER... 19.62. Time ...01:15.....
Telescope: Aperture ...6"..... Type .REFRACTOR..... Power .220.....
Seeing (0 worst-10 best) Transparency (0 worst-5 best)
Central Meridian: I II
Observer ...PETER HINTON..... Mailing Address:
Station
R.A.S.C. Centre

Drawing:

Intensity Estimates:
CONSPICUOUSNESS.



Observer's Remarks:

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date ... *Oct 17/18* 19.62 Time ... *21:20* Zone *EDT*

U. T.: Date ... *Oct 18* 19.62 Time ... *1:20*

Telescope: Aperture ... *6"* Type ... *Ref.* Power *220x*

Seeing (0 worst-10 best) ... *5* Transparency (0 worst-5 best) ... *2*

Central Meridian: I II

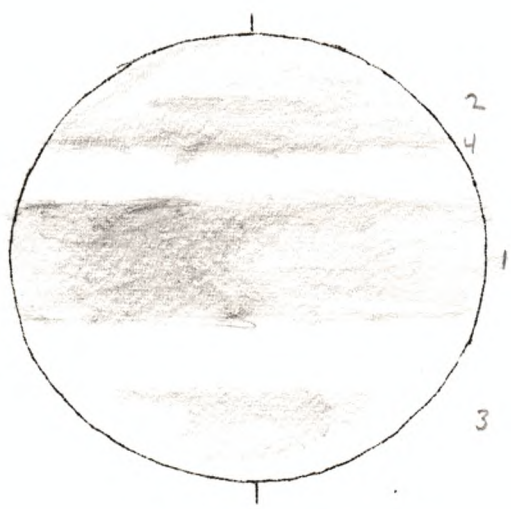
Observer ... *Rita Pruzament* Mailing Address:

Station ... *RASC Centre* *4601 Royal ave*

R.A.S.C. Centre ... *Montreal* *Montreal x*

Drawing:

Conspicuousness
Intensity Estimates:



Observer's Remarks:

ROYAL ASTRONOMICAL SOCIETY OF CANADA

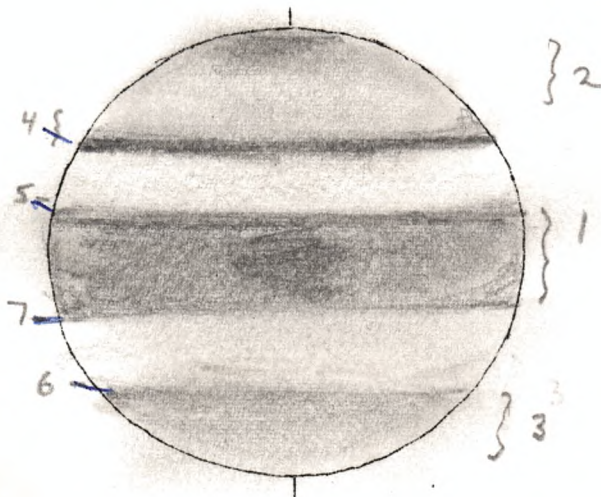
Observation of the Planet Jupiter

Local: Date Oct 17-18 19 62 Time 9:23 Zone EDT.
U. T.: Date Oct 18 19 Time 01:23 ~~2:22~~
Telescope: Aperture 200 6" Type Refr Power 220 x
Seeing (0 worst-10 best) 3 Transparency (0 worst-5 best) 3
Central Meridian: I II
Observer FRANK FRIEDMANN Mailing Address:
Station MONTREAL CENTRE
R.A.S.C. Centre
.....
.....

Drawing:

Intensity Estimates:

CONSPICUOUSNESS



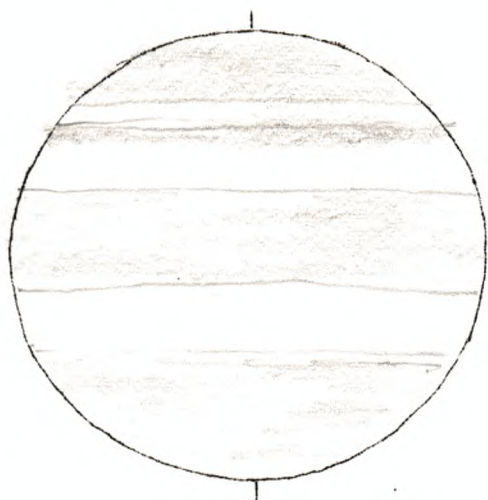
Observer's Remarks:

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date 17 OCT 19.62 Time 21.30 Zone EDT
 U. T.: Date 18 OCT 19.62 Time 1.30
 Telescope: Aperture 6" Type Refractor Power 220
 Seeing (0 worst-10 best) 4 Transparency (0 worst-5 best) 2
 Central Meridian: I II
 Observer K.E. MCNAMARA Mailing Address:
 Station MONTREAL
 R.A.S.C. Centre

Drawing: *Conspicuousness*
~~Intensity~~ Estimates:



3
2
1
4

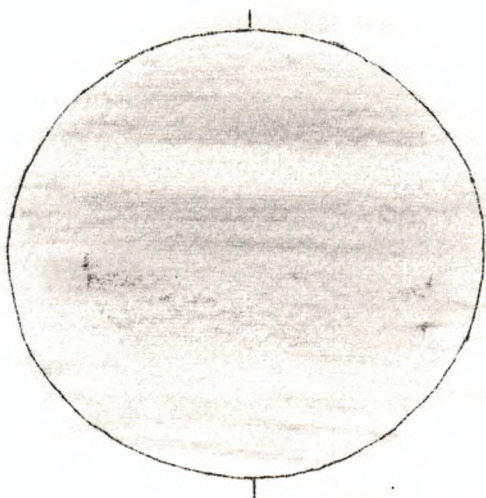
Observer's Remarks:

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date 17 OCTOBER 1962 Time 21h 40m Zone EDST
 U. T.: Date 18 OCTOBER 1962 Time 01:40
 Telescope: Aperture 6" Type 6" REFRACTOR Power 220
 Seeing (0 worst-10 best) 1 Transparency (0 worst-5 best) 3
 Central Meridian: I II
 Observer PETER KIRKBY Mailing Address:
 Station
 R.A.S.C. Centre MONTREAL

Drawing:



Intensity Estimates:

CONSPICUOUSNESS

— 1

— 2

Observer's Remarks:

SEEING POOR DUE TO LARGE CHIMNEY

PRODUCING TOO MUCH HOT AIR!

ROYAL ASTRONOMICAL SOCIETY OF CANADA

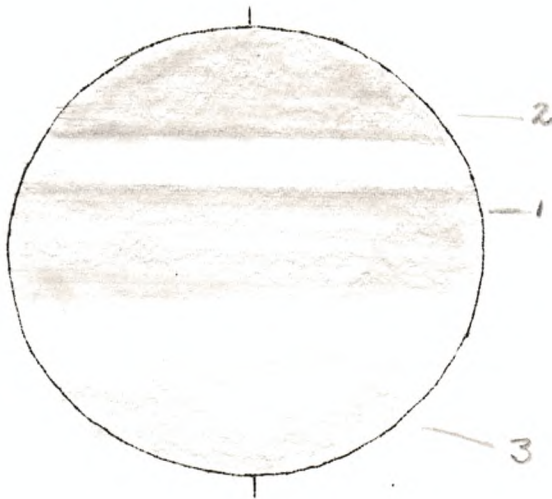
Observation of the Planet Jupiter

Local: Date 17 OCTOBER 1962. Time ? Zone
U. T.: Date 18 OCTOBER 1962. Time ?
Telescope: Aperture Type 6" REFRACTING Power 220
Seeing (0 worst-10 best) 1 Transparency (0 worst-5 best) 3
Central Meridian: I II
Observer .. JOAN McEVoy Mailing Address:
Station
R.A.S.C. Centre

CONSPICUOUSNESS.

Drawing:

Intensity Estimates:



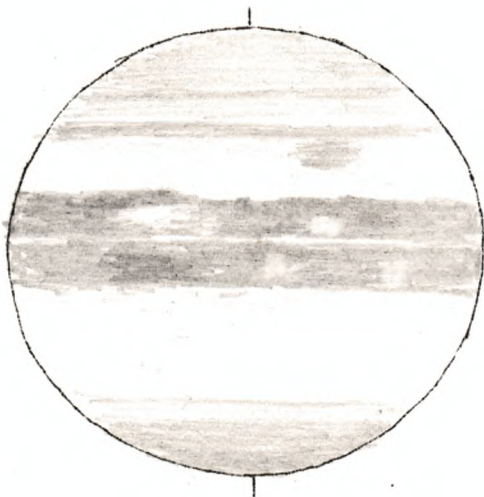
Observer's Remarks:

ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date October 19 1962 Time 19.00-19.15 Zone E.S.T.
 U. T.: Date October 20 1962 Time 0.00 to 0.15
 Telescope: Aperture 108 mm Type Reflector Power 13.5x
 Seeing (0 worst-10 best) 6 Transparency (0 worst-5 best) 3
 Central Meridian: I II
 Observer Frank J. DeKinder Mailing Address: same
 Station 10724 Emile 45° 34' 51" N, L. - 73° 39' 9" W.L.
 R.A.S.C. Centre Montreal

Drawing:



Intensity Estimates:

North Tropical and North Temperate zone } brightest.
 South Tropical zone next ✓
 South Temperate zone ✓ ✓
 South Equatorial region ✓ ✓
 North Equatorial region ✓ ✓
 ✓ Temperate belt ✓ ✓
 South South ✓ ✓ ✓ ✓
 South ✓ ✓ ✓ ✓
 Red ✓ ✓ ✓ ✓
 South Equatorial ✓ ✓ ✓
 North Equatorial ✓ darkest.

Observer's Remarks:

19.09 EST.
 position of satellites



ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter.....

Local: Date Oct. 24..... 1962 Time 19.30 - 19.40... Zone E.C.T...
 U. T.: Date Oct. 25..... 1962 Time 0.30 - 0.40..
 Telescope: Aperture 6"..... Type Refractor.. Power X135..
 Seeing (0 worst-10 best) 6-7..... Transparency (0 worst-5 best) 3.....
 Central Meridian: I 114°..... II 45°..... k.....
 Observer T. J. De Kinder..... Mailing Address:.....
 Station Montreal Centre.....
 R.A.S.C. Centre Montreal.....

Drawing:

Intensity Estimates:



position of satellites at 19.45

Observer's Remarks:

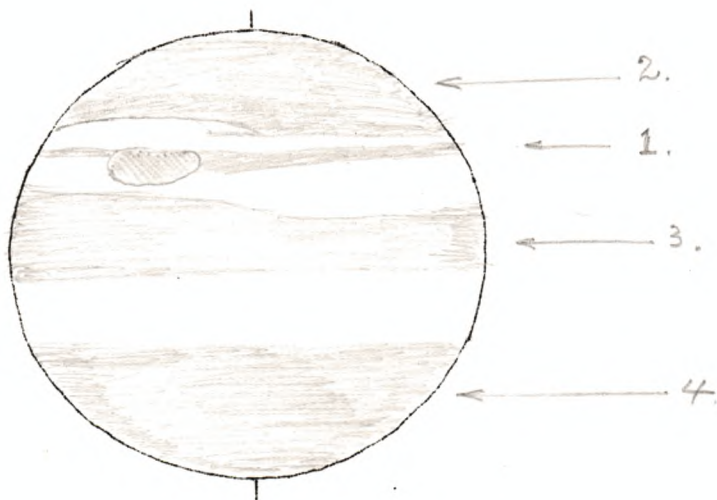
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date 24 OCT 19.62 Time ~~2143~~ 20:43 Zone EDT
 U. T.: Date 25 OCT 19.62 Time ~~0143~~ 00:43
 Telescope: Aperture 6 inch Type Refractor Power 135
 Seeing (0 worst-10 best) 5-6 Transparency (0 worst-5 best) 3
 Central Meridian: I II
 Observer K.E. MCNAMARA Mailing Address:
 Station
 R.A.S.C. Centre MONTREAL

Drawing:

Intensity Estimates:



Observer's Remarks:



at 2143 EDT

ROYAL ASTRONOMICAL SOCIETY OF CANADA

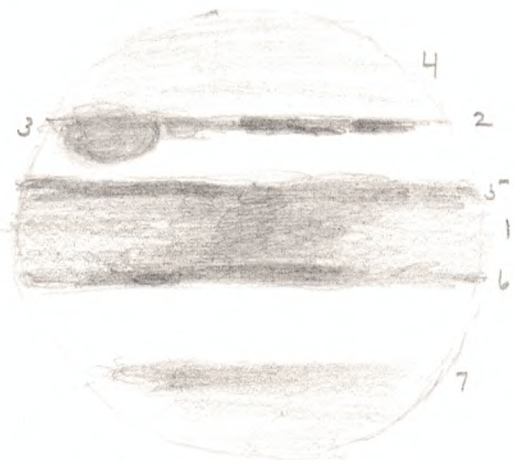
Observation of the Planet *Jupiter*

Local: Date *Oct 24/25* 19*62* Time *20:45* Zone *EDT*
 U. T.: Date *Oct 25* 19*62* Time *0:45*
 Telescope: Aperture *6"* Type *Refr.* Power *135X*
 Seeing (0 worst-10 best) *4-6* Transparency (0 worst-5 best) *3*
 Central Meridian: I II k
 Observer *Rita P. S. Amant* Mailing Address:
 Station *Montreal Centre* *4601 Royal ave*
 R.A.S.C. Centre *Montreal 28 P.O.*

Drawing:

Intensity Estimates:

conspicuousness



Observer's Remarks:



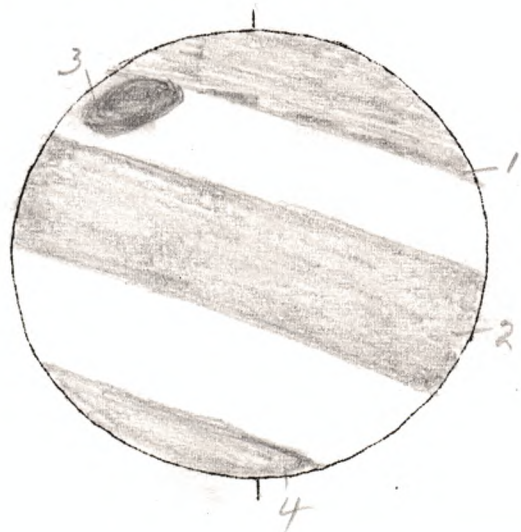
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date ... OCT. 24/25 1962 Time ... 21:00/21:07 Zone ... E.D.T.
 U. T.: Date ... OCT. 25 1962 Time ... 01:00/01:07
 Telescope: Aperture ... 6 ins. Type ... R. REFRACTOR Power ... 135
 Seeing (0 worst-10 best) ... 3 Transparency (0 worst-5 best) ... 3
 Central Meridian: I II
 Observer ... E. Ross Mailing Address:
 Station ... MONTREAL CENTRE ... 94815 QUEEN MARY RD.
 R.A.S.C. Centre ... MONTREAL ... MONTREAL 26 P. QUE.

Drawing: JUPITER

Intensity Estimates:



Observer's Remarks:

CLOUDY OVER - COULDN'T FINISH

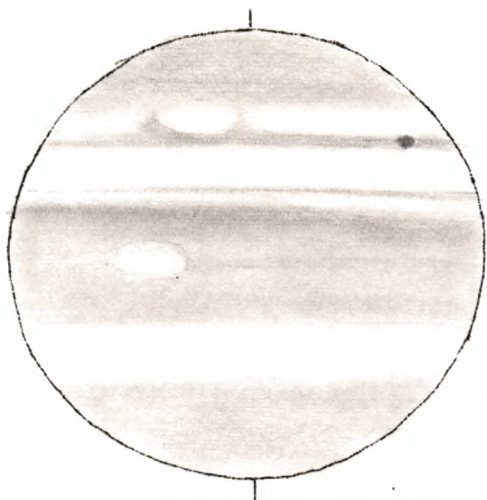
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date ..OCT 25/26..... 1962 Time 21:20-21:25 Zone EDT...
 U. T.: Date ..OCT 26..... 1962 Time 01:20-01:25...
 Telescope: Aperture ..8 inches..... Type Reflector..... Power 250.....
 Seeing (0 worst-10 best) ..1-3..... Transparency (0 worst-5 best) ..1.....
 Central Meridian: I300°..... II223°.....
 Observer ..G. WEDGE..... Mailing Address:
 Station ..MACKENZIE..... 3821, MACKENZIE ST.....
 R.A.S.C. Centre MONTREAL..... MONTREAL QUE.....

Drawing:

Intensity Estimates:



Observer's Remarks:

Objects first recorded are, W oval EZ, Dk condensation STB, and W oval S edge STB. The position of the Dk condensation on the STB was estimated to be $\frac{1}{10}$ the diameter of the Disk from E limb.

Conspicuousness estimates.
Belts

1. SEB	1 ST+Z
2 STB	2 NT+Z
3 NEB	3 STeZ
4 NPR	
5 SPR	
6 SEB ^s	

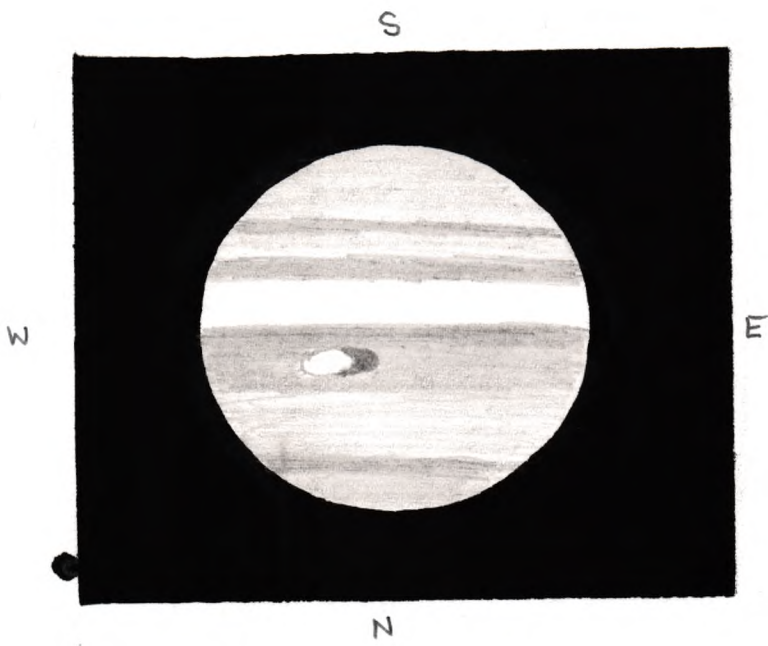
Zones

5

NOV - 1 REC'D
NOV - 1 1962

Royal Astronomical Society of Canada
Montreal Centre

PLANETARY OBSERVATIONS



PLANET Jupiter.....

Date Oct. 27/28, 1962

Local Time 19h.12m. +20m. E.S.T.

Universal Time 00h.12m.

Central Meridian (1) 213°

(2) 121°

Telescope 8" f7.7 Reflector

Eyepiece 220x

Seeing 2-4+

Transparency 4+

Remarks: Wind increased during observation, decreasing seeing. White spot with adj. dark spot were very distinct.

Observer Jim Low

Address RCAF Stn., St. Wake R.
P.O. Box 6121, Montreal

Telephone No.

HV

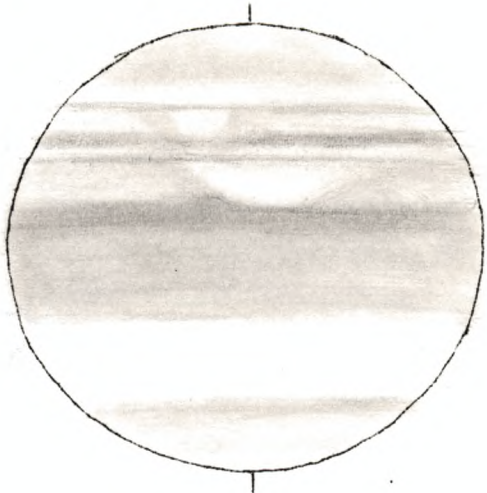
ROYAL ASTRONOMICAL SOCIETY OF CANADA

Observation of the Planet Jupiter

Local: Date *NOVEMBER 20* 19*62* Time *18:45* Zone *E.S.T.*
 U. T.: Date *NOVEMBER 20* 19*62* Time *23:45*
 Telescope: Aperture *8 inches* Type *Reflector* Power *250X*
 Seeing (0 worst-10 best) *3-4* Transparency (0 worst-5 best) *2-1*
 Central Meridian: I *6* II *91°*
 Observer *G. WEDGE* Mailing Address:
 Station *MACKENZIE* *3821 MACKENZIE STREET*
 R.A.S.C. Centre *MONTREAL* *MONTREAL 26 QUE*

Drawing:

Intensity Estimates:



Observer's Remarks:

Note shading in STRZ. During periods of good seeing there appeared to be feature activity in this region.