

GIOVE

1972

Opposizione: 24 giugno 1972

Telescopio riflettore di 20 cm di ϕ

Lista dei passaggi della MACCHIA ROSSA e delle WOS
(Osservatore: F. Jetzer)

a) Macchia Rossa:

7 maggio 1972	ore 3.23 T.U.	= $w_2 = 1.5^\circ$
19 giugno 1972	ore 23.34 T.U.	= $w_2 = 0.3^\circ$
24 giugno 1972	ore 22.40 T.U.	= $w_2 = 359.8^\circ$
4 luglio 1972	ore 20.53 T.U.	= $w_2 = 358.9^\circ$
18 luglio 1972	ore 22.24 T.U.	= $w_2 = 359^\circ$
21 luglio 1972	ore 19.53 T.U.	= $w_2 = 358.6^\circ$
23 luglio 1972	ore 21.31 T.U.	= $w_2 = 358.5^\circ$
28 luglio 1972	ore 20.40 T.U.	= $w_2 = 359.2^\circ$
9 agosto 1972	ore 20.38 T.U.	= $w_2 = 1.3^\circ$

b) WOS F-A:

24 giugno 1972	ore 22.03 T.U.	= $w_2 = 337.4^\circ$
6 luglio 1972	ore 21.50 T.U.	= $w_2 = 334.1^\circ$
18 luglio 1972	ore 21.31 T.U.	= $w_2 = 326.9^\circ$
23 luglio 1972	ore 20.33 T.U.	= $w_2 = 323.4^\circ$

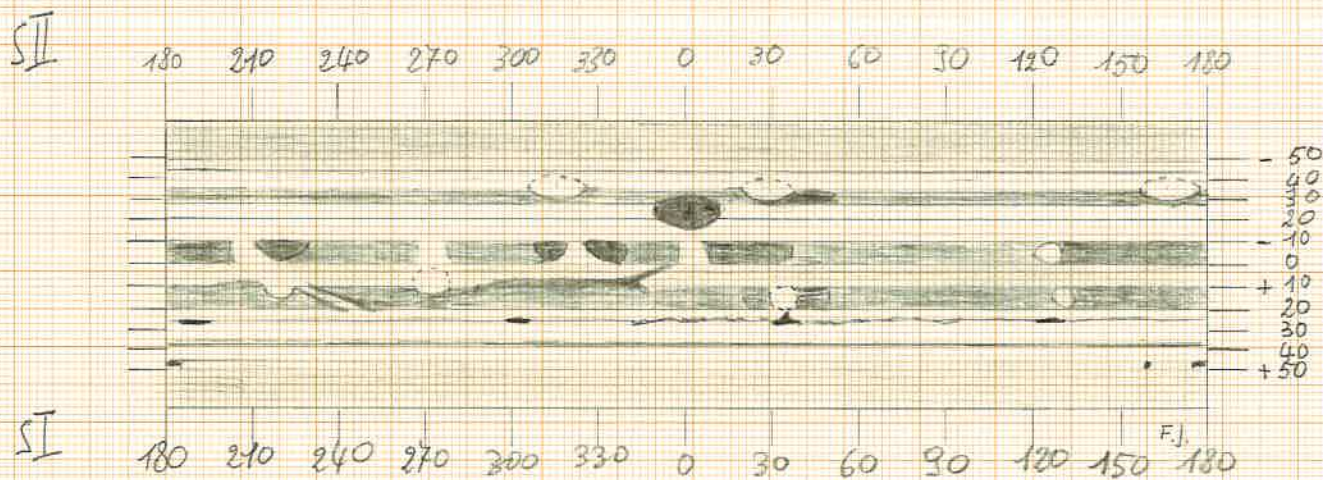
c) WOS D-E:

29 luglio 1972	ore 21.19 T.U.	= $w_2 = 173.1^\circ$
10 agosto 1972	ore 21.05 T.U.	= $w_2 = 167.9^\circ$

d) WOS B-C:

9 agosto 1972	ore 21.20 T.U.	= $w_2 = 26.7^\circ$?
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Planisfero di Grove 1972
(8 - 10 agosto 1972)

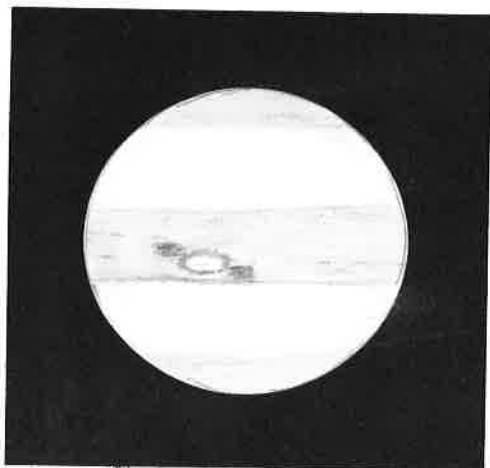


Planisfero visuale (8 - 10 agosto)

(Osservatore: F. Jetzer)

Centro: 9 agosto 1972

No. 1

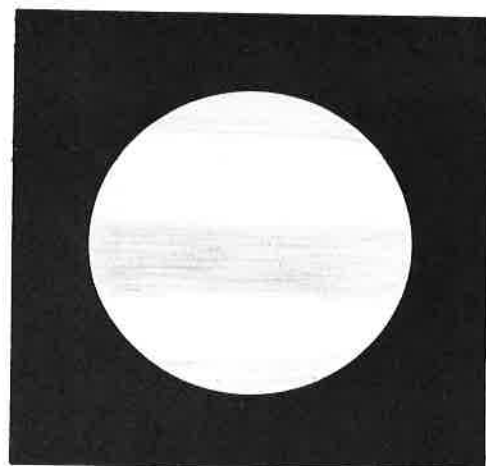


Date : 19-3-72 Heure T.U.: 5.00
 $\omega_1 = 239.5$ $\omega_2 = 255.1$ Im. 3-4 C 4
 Ouv.: 200 mm Gr. = 140x Filtres: /

Remarques:

Non ho notato la banda STB, probabilmente ha perso d'importanza e si è riolotta ad una fine banda che non ho potuto vedere causa le cattive immagini.

No.

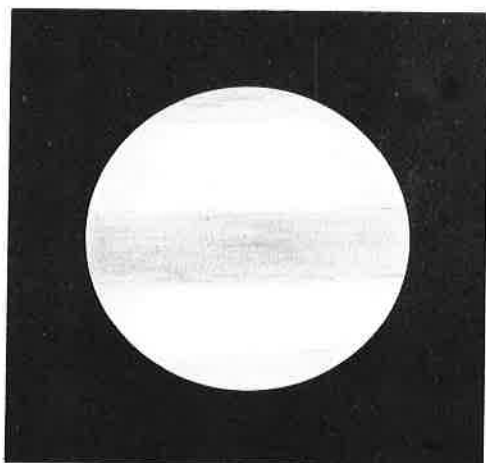


Date : 26-3-72 Heure T.U.: 5.00
 $\omega_1 = 264.7$ $\omega_2 = 226.9$ Im. 3-4 C 4-5
 Ouv.: 200 mm Gr. = 140x Filtres: /

Remarques:

Le zone STr 2 e STe 2 erano più scure di NTr 2 e NTe 2.
 Ciò è probabilmente causato dal materiale della perturbazione che si è sparso. La STB non era visibile, deve aver perso d'importanza, durante la fine della perturbazione.

No.



Date : 30-3-72 Heure T.U.: 5.00
 $\omega_1 = 176.3$ $\omega_2 = 108.0$ Im. 3 C 1
 Ouv.: 200 mm Gr. = 140x Filtres: /

Remarques:

La zona sud era un po' più scura, della parte nord.

* causa le cattive immagini.
 (Remarques sur 4).

No. 2

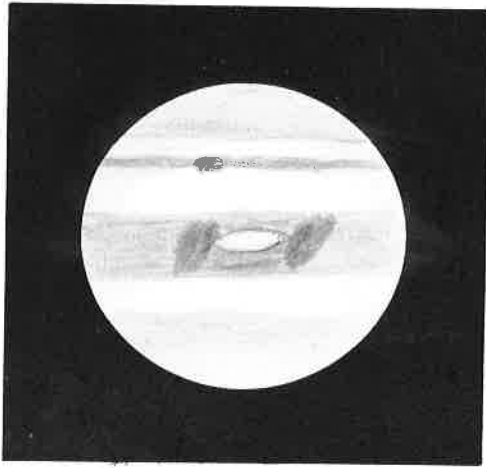


Date : 3-4-72 Heure T.U.: 4.40
 $\omega_1 = 75.8$ $\omega_2 = 337.1$ Im. 3 C 3-4
 Ouv.: 200 mm Gr. = 140x Filtres: /

Remarques:

STr 2 era più scura di NTr 2.
 Inoltre conteneva dei dettagli, che però non sono riusciti a ben vedere. STB era piuttosto fine e regolare. La TB era scura e uniforme, benché non sia riuscito a vedere il suo colore.

No. 3



Date : 3-5-72 Heure T.U.: 2.50
 $\omega_1 = 67.2^\circ$ $\omega_2 = 100^\circ$ Im. 4 C 3
 Ouv.: 200mm Gr. = 140x-187x Filtres: ✓
Remarques:

SPR. più scura che NPR.
 Parte destra di SEB = NEP più chiara.

No. 4

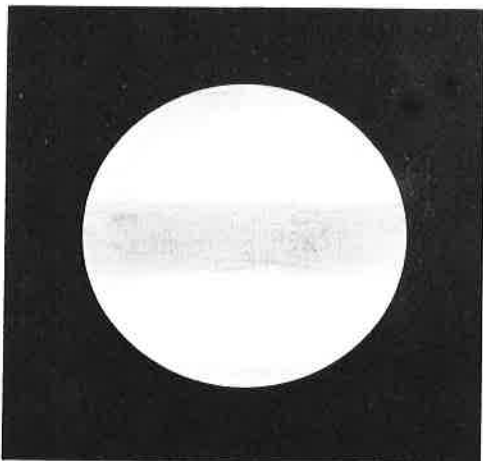


T.
3
1/5
2
6
1
2

Date : 7-5-72 Heure T.U.: 3.00
 $\omega_1 = 345.2^\circ$ $\omega_2 = 347.6^\circ$ Im. 4 C 3
 Ouv.: 200mm Gr. = 140x-187x Filtres: ✓
Remarques:

TR. color rana T. 5.5
 TR passato al m.c. alle 3.23 T.U. = 1.5°
 STR2 era un po' scura, forse non è
 rest della perturbazione
 In. Tonalità T. (dall' alto in basso)
 S. 3-1-5-2-6-1-6-1-2-N
 SPR più scura che NPR

No.

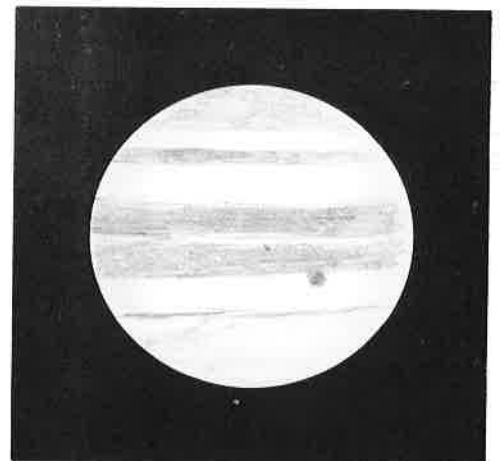


Date : 27-5-72 Heure T.U.: 23.40
 $\omega_1 = 301.6^\circ$ $\omega_2 = 146.7^\circ$ Im. 2 C 0
 Ouv.: 400mm Gr. = 112x Filtres: ✓
Remarques:

Giove è sotto alle 0.34 MEZ.
 satellite. la SB era di nuovo molto
 marcata e netta.

No. 5

Lat bande



5
15
8
13
10
10
13
15
N

Date : 3-6-72 Heure T.U.: 23.25
 $\omega_1 = 318.7^\circ$ $\omega_2 = 108.4^\circ$ Im. 4.5 C 3-4
 Ouv.: 200mm Gr. = 107x-110 Filtres: ✓
Remarques:

Ho misurato la latitudine delle bande
 S. 15-8-5-13-10-3-10-13-15-N.
 Notato anche una banda praticamente
 attaccata alla NPR, ma si vedeva
 molto meglio a sinistra (v. telesco.)
 dove mancava un po' della NPR
 Visto pure una piccola macchia forse l'ombra di un *

No.



Date : 17-6-72 Heure T.U.: 22.15

$\omega_1 = \text{---}$ $\omega_2 = 11.8$ Im. 3 C 3

Ouv.: 200 mm Gr. = 112 Filtres: /

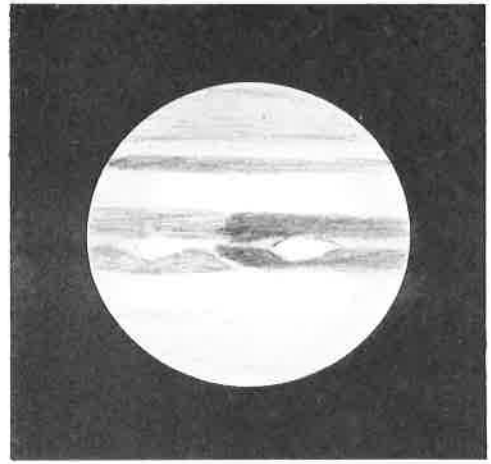
Remarques:

Alle 22.15 T.U. è passato al M.C.
l'ultimo bordo della T.R.

$\omega_2 = 11.8$

Non ho potuto misurare il centro,
poiché il pianeta non era ancora sorto.

No. 6



Date : 18-6-72 Heure T.U.: 22.10

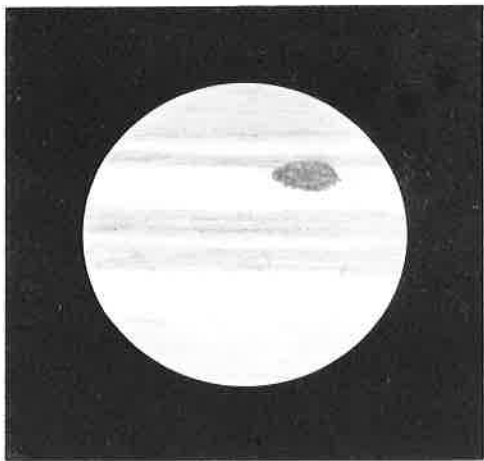
$\omega_1 = 123.5$ $\omega_2 = 158.2$ Im. 3-4 C 0-1

Ouv.: 205 mm Gr. = 187x Filtres: /

Remarques:

La NPR era molto meno marcata
della S.P.R. Non ho notato né
la NTB né NNTB. Si notino le
macchie chiare e gli altri dettagli
nelle bande e zone equatoriali.
Si noti la fessura nella NTB.

No. 7



Date : 18-6-72 Heure T.U.: 23.00

$\omega_1 = 312$ $\omega_2 = 339.8$ Im. 3-4 C 1-2

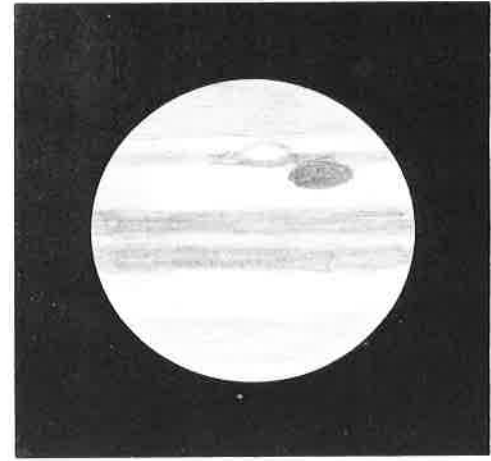
Ouv.: 200 mm Gr. = 187x 140 Filtres: /

Remarques:

T.R. passato al M.C.
bordo sinistro 23.15 T.U. = $\omega_2 = 348.8^\circ$
centro 23.34 T.U. = $\omega_2 = 0.3^\circ$

La T.R. era di color rosso.

No. 8



Date : 24-6-72 Heure T.U.: 22.00

$\omega_1 = 345.6$ $\omega_2 = 335.6$ Im. 3 C 1

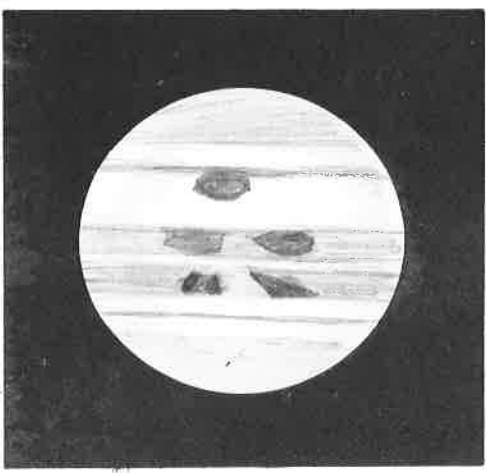
Ouv.: 200 mm Gr. = 140 Filtres: /

Remarques:

T.R. di color rosso
W.O.S. MC = 22.03 T.U. = $\omega_2 = 337.4^\circ$
TR (bordo sinistro) MC = 22.22 T.U. = $\omega_2 = 348.9^\circ$
TR MC = 22.40 T.U. = $\omega_2 = 359.8^\circ$

La W.O.S. è la F-A

No. 5
 Latitudine



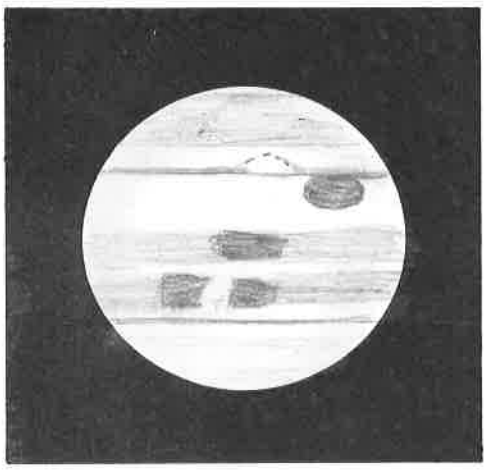
17
8
13
10
10
4
17

tonalita
T

3
1
1
6
6
4
3

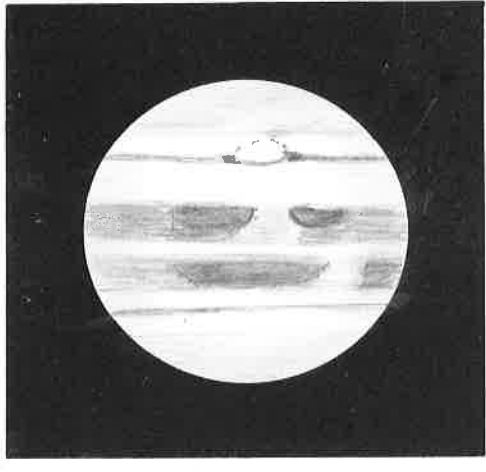
Date : 4-7-72 Heure T.U.: 21.05
 $\omega_1 = 92.2^\circ$ $\omega_2 = 6.1^\circ$ Im. 5 C 3
 Ouv.: 200 mm Gr. = 187x Filtres: ✓
Remarques:
 T.R normale al MC 20.53 T.U. = 358.9
 TR = 5.5
 - TR di colori rosa
 T-S-3-1-5-1-6-1-6-1-4-1-3-N
 Lat. S-17-8-5-13-10-2-10-6-2-4-17-N
 NPR sembra ritardata normale.

No. 10



Date : 6-7-72 Heure T.U.: 21.30
 $\omega_1 = 63.5^\circ$ $\omega_2 = 322^\circ$ Im. 4 C 0
 Ouv.: 200 mm Gr. = 187x-100 Filtres: ✓
Remarques:
 TR di colori rosa
 WOS F.A MC : 21.50 T.U. = 334.1

No. 11

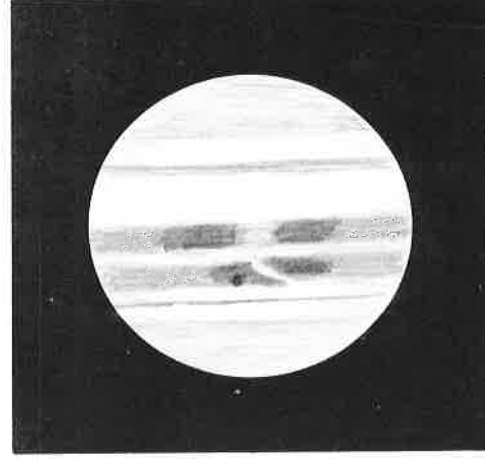


tonalita
T

3
1
0.5
6
1
6
3
2.5

Date : 7-7-72 Heure T.U.: 20.45
 $\omega_1 = 193.1^\circ$ $\omega_2 = 85.3^\circ$ Im. 5 C 0
 Ouv.: 200 mm Gr. = 187x Filtres: ✓
Remarques:
 Macchia chiara MC = 21.00 T.U. = 94.3
 Macchia chiara T = 0.5
 NMTB era meglio visibile a sinistra.
 T-S-3-1-5-0.5-6-1-6-1-3.5-1-2.5
 la macchia chiara non è una WOS.

No. 12



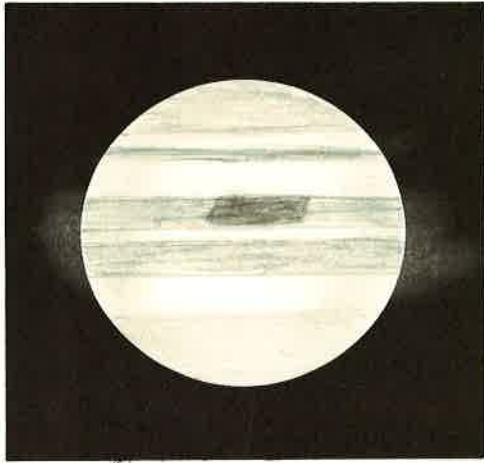
T.

3
1
5.5
1
6
6
4
3

Date : 15-7-72 Heure T.U.: 21.30
 $\omega_1 = 45.4^\circ$ $\omega_2 = 235.3^\circ$ Im. 5 C 0-1
 Ouv.: 200 mm Gr. = 187x-140 Filtres: ✓
Remarques:
 NEB
 MC = 21.40 T.U. = $\omega_2 = 241.3^\circ = \omega_1 = 51.5^\circ$
 Intensità T:
 S-3-1-5.5-1-6-1-6-1-4-1-3-N
 Sinoti l'ombra di Io.

No. 13

T.



3
1
5
1
6
1
2.5

Date : 17.7.72 Heure T.U. : 20.40

$\omega_1 = 330.8^\circ$ $\omega_2 = 145.7^\circ$ Im. 3 C 0

Ouv. : 200 mm Gr. = 140x Filtres : /

Remarques :

Intensità T.

S.3-1-5-1-6-1-6-1-2.5-N.

No. 14

T.



3
1
5
1
6
1
2.5

Date : 18.7.72 Heure T.U. : 21.00

$\omega_1 = 141^\circ$ $\omega_2 = 308.2^\circ$ Im. 4 C 0

Ouv. : 200 mm Gr. = 187x 233 Filtres : /

Remarques :

MC (grande condensazione della SEB_n)

= 20.57 T.U. = $\omega_1 = 139.2^\circ$

WOS F.A MC = 21.31 T.U. = $\omega_2 = 326.9^\circ$

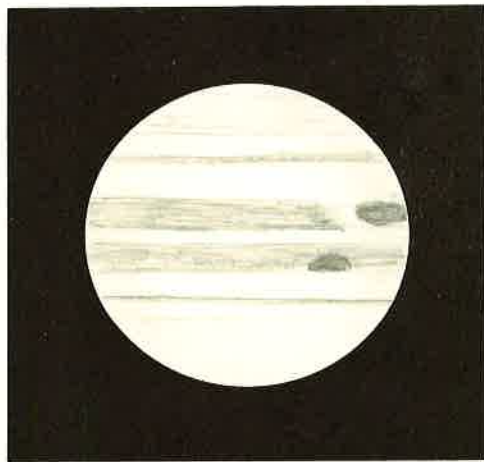
TR color rosa interno TR = 6

TR - MC = 22.24 T.U. = $\omega_2 = 353^\circ$

T.3-1-5-1-6-1-6-1-4-1-2.5-N

No. 15

lat bande



14.5
6.2
5.5
12.7
10
2.5
10
3.5
2.5
14.5

Date : 20.7.72 Heure T.U. : 20.55

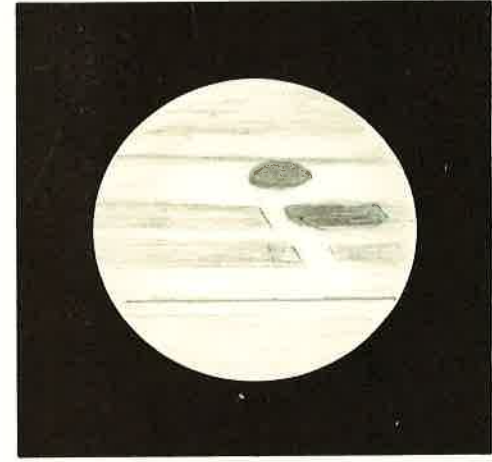
$\omega_1 = 93.9^\circ$ $\omega_2 = 245.8^\circ$ Im. 5 C 0-1

Ouv. : 200 mm Gr. = 187x 233 Filtres :

Remarques :

MC (a bordo sinistro) = 21.52 T.U. = $\omega_1 = 128.6^\circ$
 MC (centro) = 22.07 T.U. = $\omega_1 = 137.8^\circ$
 (della condensazione nella SEB_n, a destra, vista già il 12.7.72)
 la lat. delle bande è la media di 4 stime effettuate a 22.0 e 22.2.

No. 16



Date : 21.7.72 Heure T.U. : 19.45

$\omega_1 = 209.2^\circ$ $\omega_2 = 353.8^\circ$ Im. 4 C 1-2

Ouv. : 200 mm Gr. = 140x Filtres : /

Remarques :

TR - MC = 19.53 T.U. = $\omega_2 = 358.6^\circ$

TR = color rosa interno.

MC condensazione SEB_n) 20.24 T.U.

= $\omega_1 = 231.1^\circ$

No. 17



Date : 22-7-72 Heure T.U. : 20.45

$\omega_1 = 43.7^\circ$ $\omega_2 = 100.5^\circ$ Im. 3-4 C 1

Ouv. : 200 mm Gr. = 187x-140 Filtres: —

Remarques:

MC (dell'occhio in NEB vuol dire in 12)

20.54 T.U. = $\omega_1 = 43.2^\circ$

No. 18



Date : 23-7-72 Heure T.U. : 20.00

$\omega_1 = 174.2^\circ$ $\omega_2 = 303.5^\circ$ Im. 8-9 C 3

Ouv. : 200 mm Gr. = 187x-233x Filtres: —

Remarques:

El molto scuro in una da TR 5.5 color rose interno. WOS 0.5

WOS = MC = 20.33 T.U. = $\omega_2 = 323.4^\circ = F.A$

MC (bordo sinistro condensazione in (SEB_n) = 20.56 T.U. = $\omega_1 = 208.4^\circ$

T.R = MC 21.34 T.U. = $\omega_2 = 358.5^\circ$

T.S. 3-2-3.5-4-5-5-4-3.5-4-6-4-6-1-3.5-1-2-1

Lat. bando veoli foglio allaccato. e colorazioni

1.
3
5
5
5
5
6
4
6
1
3
1
2.7

No. 19



Date : 24-7-72 Heure T.U. : 19.30

$\omega_1 = 313.8^\circ$ $\omega_2 = 75.7^\circ$ Im. 6 C 1-2

Ouv. : 200 mm Gr. = 187x-233x Filtres: —

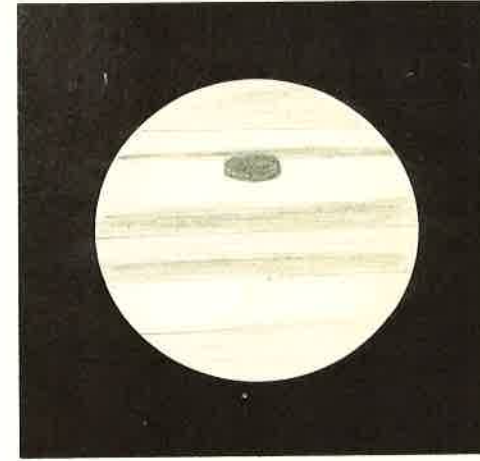
Remarques:

VIOL un po' più scuro.

1.5-3-1.5-5-1.3-1.6-4-6-2-3.5-

1.5-2.5-N.

No. 20



Date : 26-7-72 Heure T.U. : 20.45

$\omega_1 = 274.4^\circ$ $\omega_2 = 2.3^\circ$ Im. 3 C 0

Ouv. : 200 mm Gr. = 140x Filtres: —

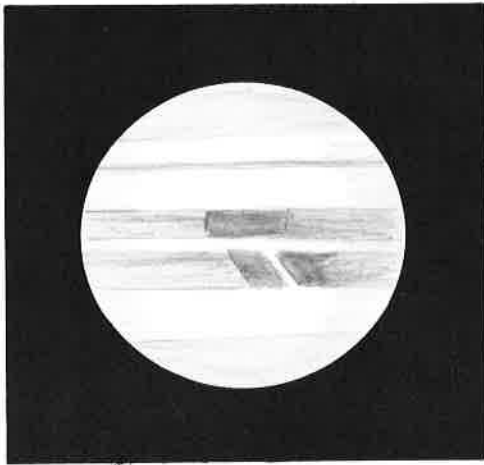
Remarques:

TR = MC = 20.40 T.U. = $\omega_2 = 359.2^\circ$

TR color rose interno.

T
3
1.5
5
5
5
6
4
6
1
3
1
2.5

No. 21



Date : 29-7-72 Heure T.U. : 19.45

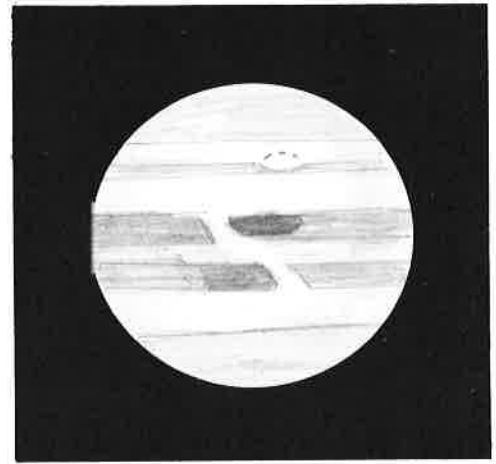
$\omega_1 = 32.7^\circ$ $\omega_2 = 176.3^\circ$ Im. 3-6 C 0

Ouv. : 200 mm Gr. = 140-187 Filtres :

Remarques :

MC (Jupp 1513) = 20.02 T.U. - $\omega_1 = 43.0^\circ$
 MC (Jupp 1513) = 20.13 T.U. - $\omega_1 = 49.3^\circ$
 11
 12
 13
 14
 15
 16

No. 22



Date : 29-7-72 Heure T.U. : 21.00

$\omega_1 = 72.4^\circ$ $\omega_2 = 164.6^\circ$ Im. 4 C 0

Ouv. : 200 mm Gr. = 127 Filtres :

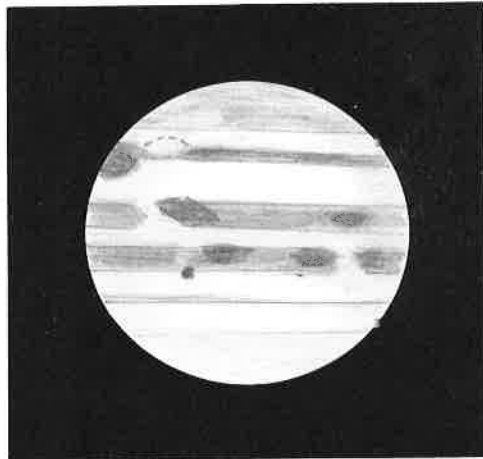
Remarques :

MC (condensation in SER₁) = 21.04 T.U.
 $\omega_1 = 80.8^\circ$
 WDS P. 6 MC = 21.18 T.U. - $\omega_1 = 173.1^\circ$

No. 23

Lat.
bande

16
8
7
10
10
10
10
16



T.

3
1.5
5.5
1
6
3
6
1.5
3.5
2.5

Date : 31-7-72 Heure T.U. : 22.00

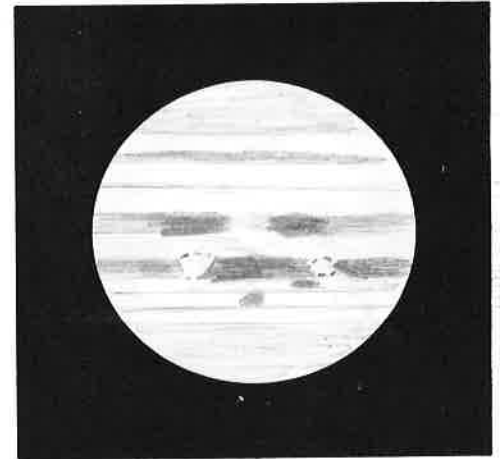
$\omega_1 = 357.6^\circ$ $\omega_2 = 65.3^\circ$ Im. 5-6 C 2

Ouv. : 200 mm Gr. = 187-233 Filtres :

Remarques :

STB plus jeunes dans la macchia
 chiara si noti l'ombra di Io.
 T. S - 3-1.5-5.5-1-6.3-6-1.5-3-15-2.5-N
 lat. S - 16-8-7-14-10-5-10-9-3-5-16-N
 la macchia chiara e la WDS 13. C.

No. 24



T.

3
1
5
3
1
2
6
2
2
2
2
2.5

Date : 5-8-72 Heure T.U. : 19.55

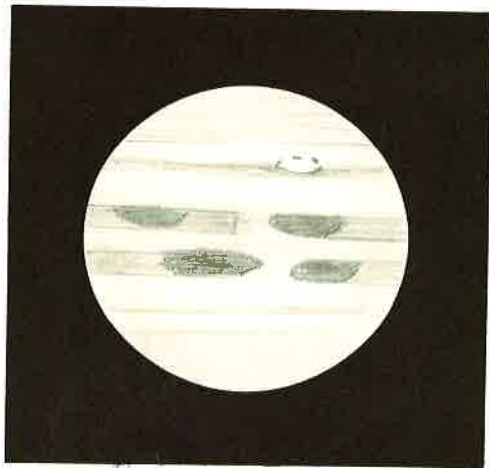
$\omega_1 = 64.1^\circ$ $\omega_2 = 94.3^\circ$ Im. 6-5 C 0

Ouv. : 200 mm Gr. = 133-189 Filtres :

Remarques :

WDS non loppa
 Condensation in SER₁ / a destra sul
 obliqua / MC = 20.33 T.U. - $\omega_1 = 87.2^\circ$
 T. S - 3-1-5-1-3-1-6-2-6-1-2.5-1-3-1-2.5-N

No. 25



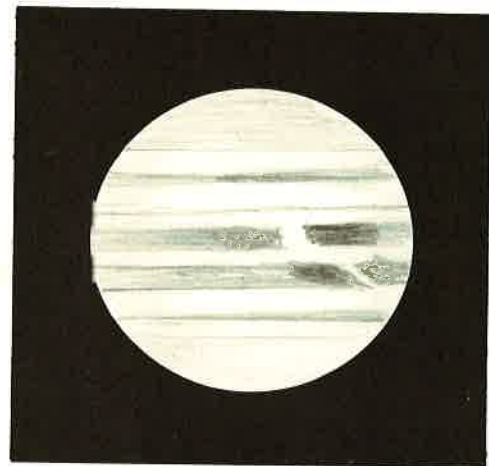
Date : 5-8-72 Heure T.U.: 21.30
 $\omega_1 = 122^\circ$ $\omega_2 = 151.7^\circ$ Im. 4 C 2-1

Ouv.: 200mm Gr. = 187x-233x Filtres: ✓

Remarques:

MC condensation zone SEB₁ (a destra) 22.12 T.U.
 $\omega_1 = 147.6^\circ$

No. 26



Date : 6-8-72 Heure T.U.: 23.15

$\omega_1 = 137.6^\circ$ $\omega_2 = 220.3^\circ$ Im. 5.6 C 1-2

Ouv.: 200mm Gr. = 187x-233x Filtres: ✓

Remarques:

MC condensation in SEB₁ (a destra)
 20.04 T.U. = $\omega_1 = 227.4^\circ$
 T.S. = 3-1.5-5-1-3-1.5-6-3-6-1-3-1.5-2.5N

T.
 3
 1.5
 1.5
 1.5
 1.5
 1.5
 1.5
 1.5
 2.5

No. 27



Date : 8-8-72 Heure T.U.: 20.30

$\omega_1 = 199.2^\circ$ $\omega_2 = 206.2^\circ$ Im. 3-4 C 0

Ouv.: 162mm Gr. = 200x Filtres: ✓

Remarques: Lunette "Antonini" Lausanne

WOS D-E a sinistra.

No. 28



Date : 8-8-72 Heure T.U.: 21.35

$\omega_1 = 238.1^\circ$ $\omega_2 = 245.5^\circ$ Im. 4.5 C 0

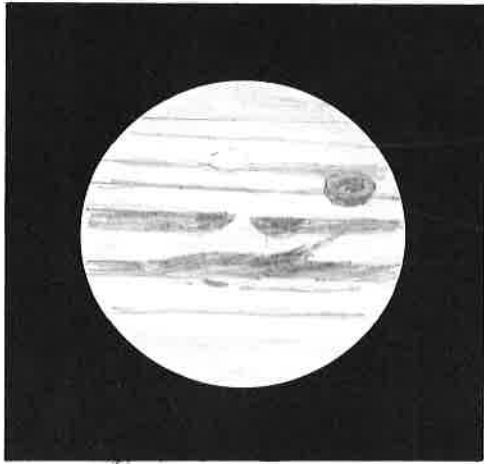
Ouv.: 162mm Gr. = 155x Filtres: giallo

Remarques: Lunette "Antonini" Lausanne

Notato da SEB₂ WOTB

No. 29

T.



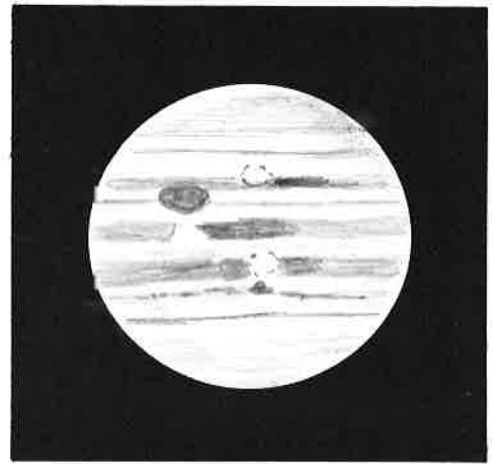
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23
24
25

Date : 9-8-72 Heure T.U. : 15,35
 $\omega_1 = 323.5^\circ$ $\omega_2 = 323.2^\circ$ Im. 4-5 C 0-1
 Ouv. : 140 mm Gr. = 184x Filtres : /

Remarques :

TR = 5,5
 TR - MC = 20.38 T.U. - $\omega_2 = 1.3^\circ$
 T.S. 3-2-1-1.5-5-4-3-1.6-2.6-1.3-1.5-2.5

No. 30



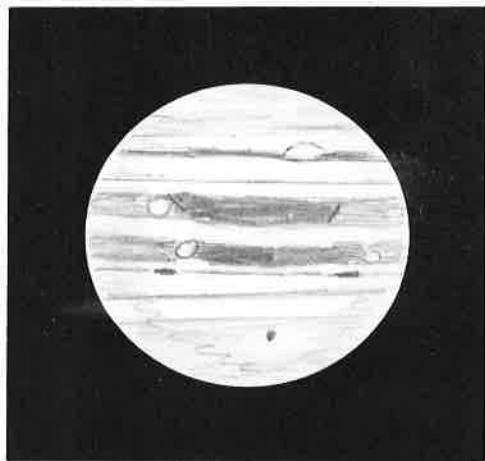
Date : 9-8-72 Heure T.U. : 21,25
 $\omega_1 = 30.5^\circ$ $\omega_2 = 29.7^\circ$ Im. 4-5 C 0
 Ouv. : 162 mm Gr. = 200x Filtres : /

Remarques :

WOS B-C MC 21.20 T.U. - $\omega_2 = 26.7^\circ$
 NTB : vista di condensazioni, però abbastanza difficile a vederle causa le immagini.

No. 31

7



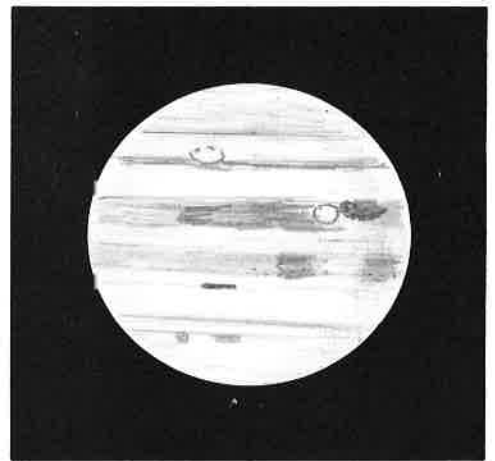
3
1
2
3
4
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6
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8
9
10
11
12
13
14
15
16
17
18
19
20
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25

Date : 10-8-72 Heure T.U. : 20,30
 $\omega_1 = 154.4^\circ$ $\omega_2 = 146.3^\circ$ Im. 4-5 C 0-1
 Ouv. : 162 mm Gr. = 200x Filtres : /

Remarques :

WOS D-E 0.5 T. = MC 21.05 T.U. - $\omega_1 = 167.5^\circ$
 T.S. 3-1.5-5-1.2-7-6-2-6-1.2.5(1-3-1.5-2.5)

No. 32



Date : 10-8-72 Heure T.U. : 21,30
 $\omega_1 = 121^\circ$ $\omega_2 = 183^\circ$ Im. 3-4 C 0-1
 Ouv. : 162 mm Gr. = 100x Filtres : /

Remarques :

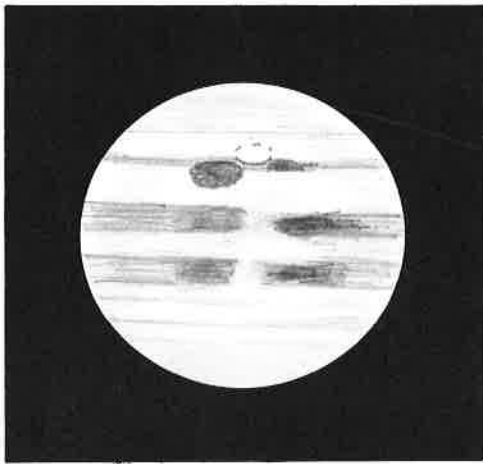
SE punto nero (sul dis. 31-32) nella IPR e l'ombra d'un satellite.

No. 33

T.

lat
hamole

16
7
6
15
10
8
10
6
13



3
1
5
1.5
6
3.5
6
1
1.5
1
2.5

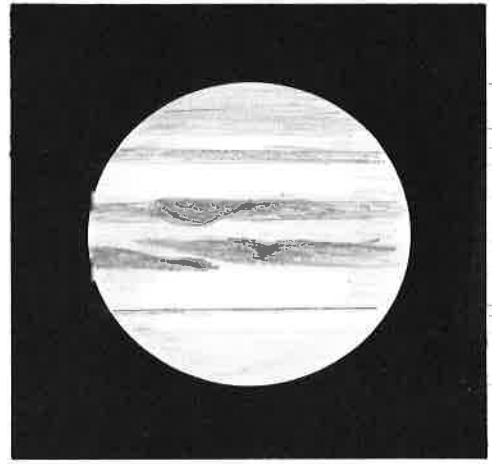
Date : 24-8-72 Heure T.U.: 18.30
 $\omega_1 = 131.6^\circ$ $\omega_2 = 17.2^\circ$ Im. 4-5 C 0
 Ouv.: 200 mm Gr. = 187x-233x Filtres: /

Remarques:

WOS R-C HC = 1831 T.O. = $\omega_2 = 17.8^\circ$
 WOS R-G T = 0.5
 TR = rose intense - rose = T = 6
 SPR - STB - SEB - VEB = Tendance vers le
 mauve (chiuso)
 NPR = grigio - bleuastro.
 Condensazione (SEB_n a destra) HC = 19.09.
 $\omega_1 = 155.4$

No. 34

T.



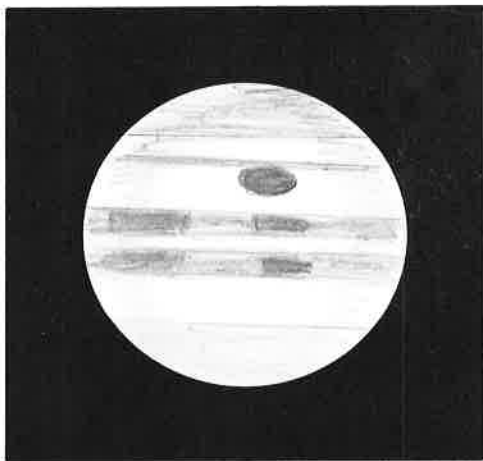
3.
1
5
1.5
6
3.5
6
1
1.5
2.5

Date : 25-8-72 Heure T.U.: 19.00
 $\omega_1 = 307.7^\circ$ $\omega_2 = 185.5^\circ$ Im. 4 C 2-3
 Ouv.: 200 mm Gr. = 233x-187x Filtres: /

Remarques:

SPR - STB - SEB_n - VEB = mauve
 (ceti dettagli in SEB_n e VEB mauve scuro)
 NPR grigio - grigio bleuastro.
 T.S - 3-1-5-1.5-6-3.5-6-1-3-1.5-2.5 N

No. 35

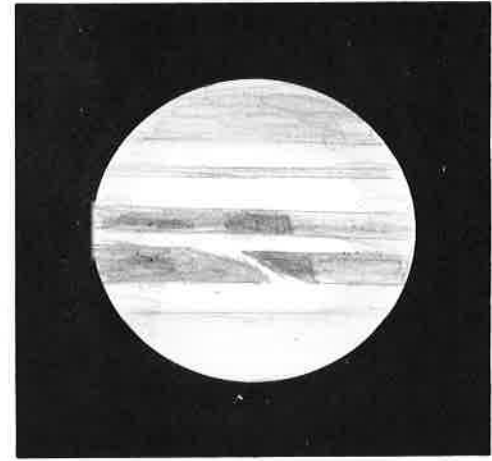


Date : 26-8-72 Heure T.U.: 19.30
 $\omega_1 = 123.8^\circ$ $\omega_2 = 353.9^\circ$ Im. 4 C 5
 Ouv.: 200 mm Gr. = 187x-142x Filtres: /

Remarques:

TR = HC = 19.43 T.O. = $\omega_2 = 1.7^\circ$

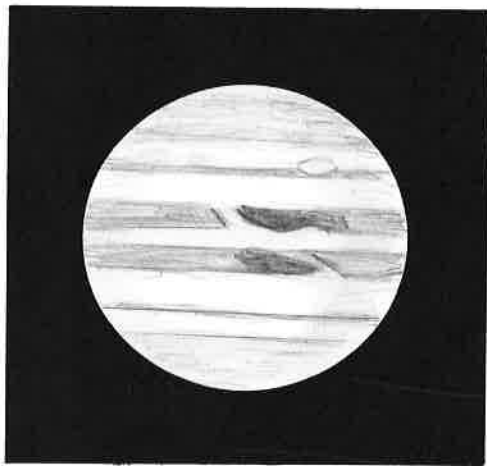
No. 36



Date : 4-9-72 Heure T.U.: 19.15
 $\omega_1 = 94.8^\circ$ $\omega_2 = 255.4^\circ$ Im. 3-4 C 1-2
 Ouv.: 200 mm Gr. = 187x Filtres: /

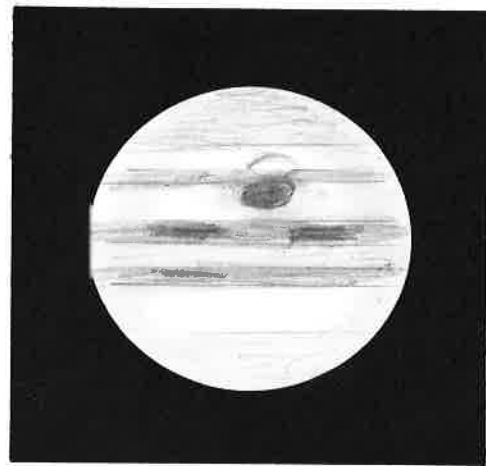
Remarques:

No. 37



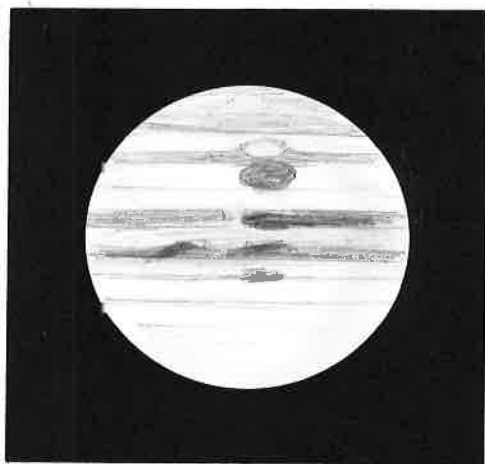
Date : 9-9-72 Heure T.U.: 18.00
 $\omega_1 = 154.6^\circ$ $\omega_2 = 278.1^\circ$ Im. 4 C 0.
 Ouv.: 200 mm Gr. = 187x Filtres: /
Remarques:

No. 38



Date : 12-9-72 Heure T.U.: 18.40
 $\omega_1 = 255.7^\circ$ $\omega_2 = 356.5^\circ$ Im. 3 C 0
 Ouv.: 200 mm Gr. = 187x Filtres: /
Remarques:

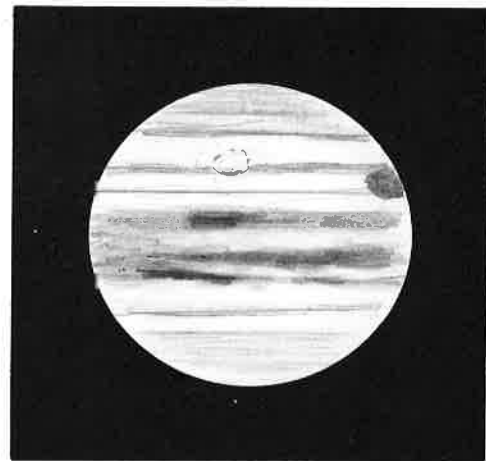
No. 39



Date : 17-9-72 Heure T.U.: 17.50
 $\omega_1 = 294.0^\circ$ $\omega_2 = 356.9^\circ$ Im. 4-5 C 0.
 Ouv.: 200 mm Gr. = 187x Filtres: /
Remarques:

WOS B-C = MC = 18.02 TU = $\omega_1 = 4.1^\circ$
 TR = MC = 18.03 TU = $\omega_2 = 4.7^\circ$
 TR = color rosso
 NNTB diminuita di intensita.

No. 40



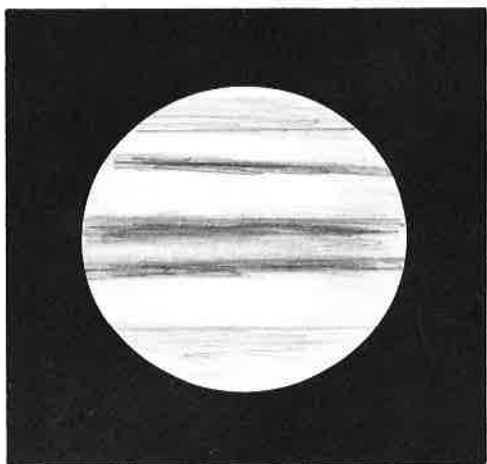
T.

3
2
1.5
1
1
1
1
1
1
1
3

Date : 18-9-72 Heure T.U.: 18.10
 $\omega_1 = 255.6^\circ$ $\omega_2 = 303.1^\circ$ Im. 6 C 0
 Ouv.: 200 mm Gr. = 187x Filtres: /
Remarques:

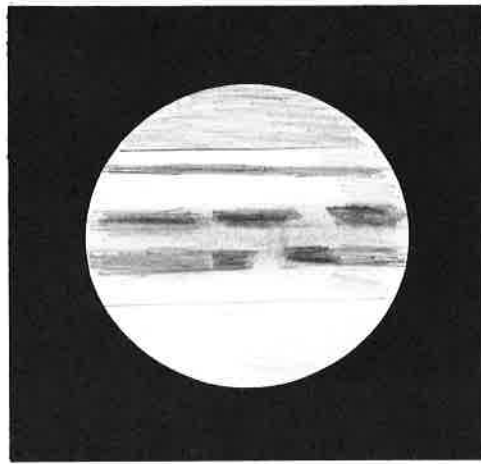
WOS E-A = MC 17.53 T.U. = $\omega_2 = 298.9^\circ$
 TR color rosso.
 T.S - 3-2-3-1.5-5-1.3-2.6-4-6-1-3-
 1-3-11
 WOS B-C = MC 19.37 TU = $\omega_1 = 1.8^\circ$
 TR = MC 19.40 TU = $\omega_2 = 36.0^\circ$
 Quando ho fatto i 2 ultimi passaggi le 4m.
 erano 3.

No. 41



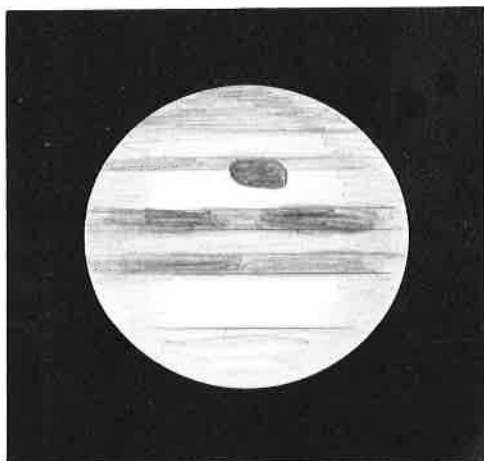
Date : 20-9-72 Heure T.U. : 19.15
 $\omega_1 = 99.1$ $\omega_2 = 138.5$ Im. 3 C 2
 Ouv. : 200 mm Gr. = 187x Filtres :
Remarques :

No. 42



Date : 28-9-72⁰ Heure T.U. : 17.30
 $\omega_1 = 216.9$ $\omega_2 = 126$ Im. 3 C 0
 Ouv. : 200 mm Gr. = 187x Filtres : GG14
Remarques : (giallo)

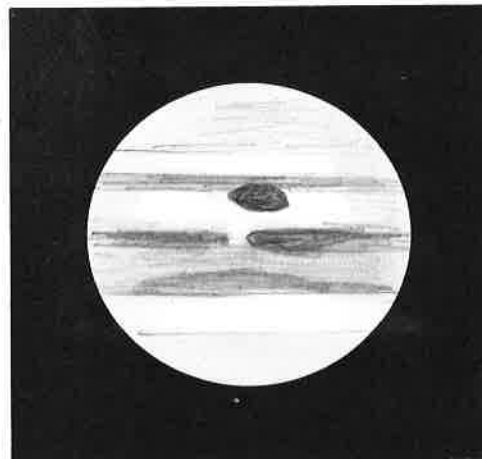
No. 43



Date : 28-9-72 Heure T.U. : 17.50
 $\omega_1 = 26.8^\circ$ $\omega_2 = 358.1$ Im. 2 C 2
 Ouv. : 200 mm Gr. = 187x Filtres :
Remarques :

TR = MC = 18.00 T.U. = $\omega_2 = 4.1^\circ$
 TR color 2020 - 20250.

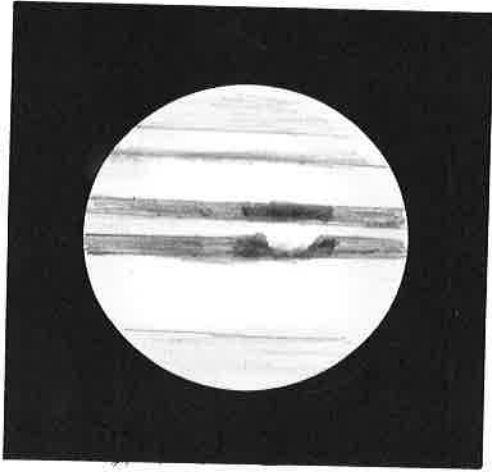
No. 44



Date : 16-10-72 Heure T.U. : 17.00
 $\omega_1 = 157.3$ $\omega_2 = 359.1$ Im. 3-4 C 0
 Ouv. : 200 mm Gr. = 187x Filtres :
Remarques :

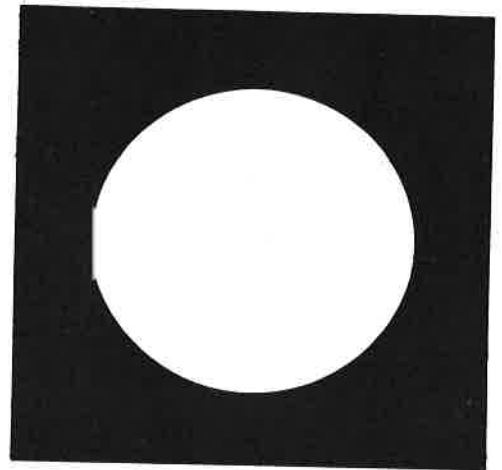
TR color : 2020 - 20250.
 TR = MC = 17.05 T.U. = $\omega_2 = 2.2^\circ$

No. 45



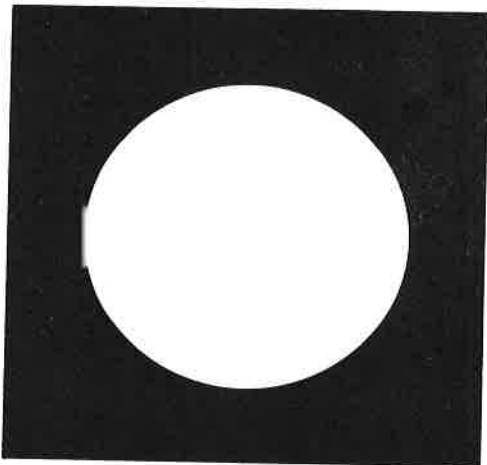
Date : 7-11-72 Heure T.U.: 16.40
 $\omega_1 = 14.9^\circ$ $\omega_2 = 148.1^\circ$ Im. 3 C 0-1
 Ouv.: 20mm Gr. = 140x Filtres: /
Remarques:

No.



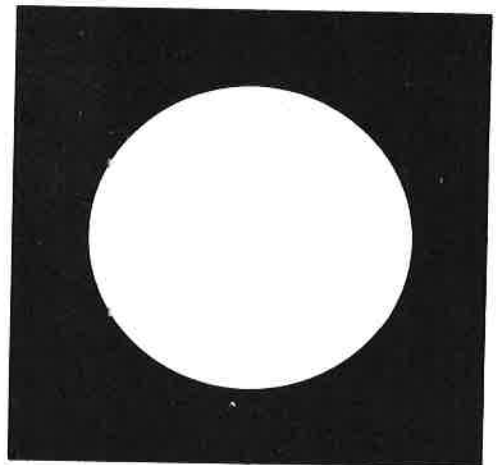
Date : Heure T.U.:
 $\omega_1 =$ $\omega_2 =$ Im. C
 Ouv.: Gr. = Filtres:
Remarques:

No.



Date : Heure T.U.:
 $\omega_1 =$ $\omega_2 =$ Im. C
 Ouv.: Gr. = Filtres:
Remarques:

No.



Date : Heure T.U.:
 $\omega_1 =$ $\omega_2 =$ Im. C
 Ouv.: Gr. = Filtres:
Remarques: