

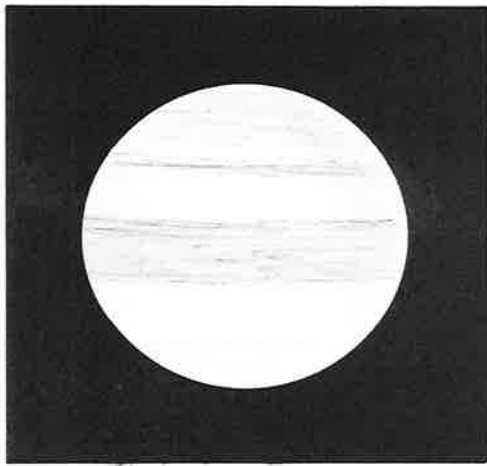
GIOVE

1973

Opposizione: 30 luglio 1973

Telescopio riflettore di 20 cm di ϕ .

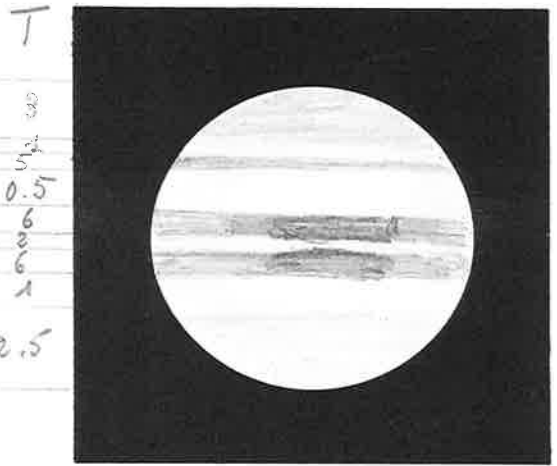
No. 1



Date : 21-4-73 Heure T.U.: 3,45
 $\omega_1 = 5,2^\circ$ $\omega_2 = 224,5^\circ$ Im. 3 C 0
 Ouv.: 200 mm Gr. = 140x Filtres: ✓
Remarques:

... O ... Positione app. dei satelliti.
 Giove è visto alle 4:20 MEZ

No. 2

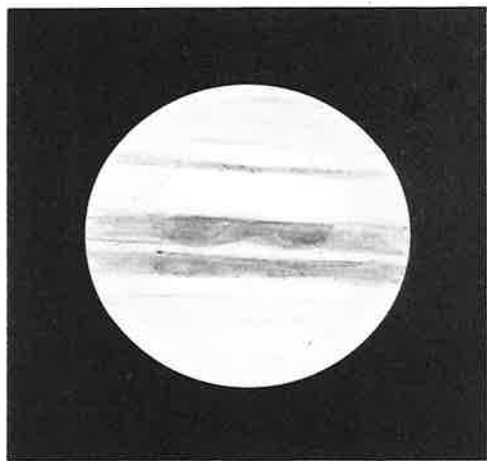


Date : 14-5-73 Heure T.U.: 3,20
 $\omega_1 = 21,6^\circ$ $\omega_2 = 65,3^\circ$ Im. 4-5 C 2
 Ouv.: 200 mm Gr. = 187x Filtres: ✓
Remarques:

Immagine buone,
 T S-3-1-5-0.5-6-2-6-1-2.5-N

T
 3
 5
 0.5
 6
 6
 1
 2.5

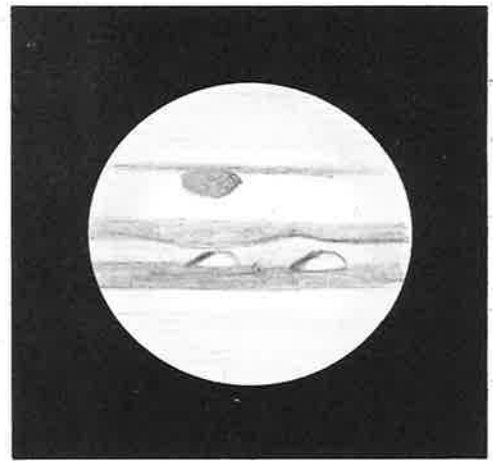
No. 3



Date : 10-6-73 Heure T.U.: 3,40
 $\omega_1 = 320,3^\circ$ $\omega_2 = 158,2^\circ$ Im. 3-4 C 0
 Ouv.: 200 mm Gr. = 140x-187x Filtres: ✓
Remarques:

A tratti ottime immagini (verso le 3.00-3.10 T.U.)

No. 4



Date : 26-6-73 Heure T.U.: 2,20
 $\omega_1 = 297,9^\circ$ $\omega_2 = 13,9^\circ$ Im. 4-5 C 5-1
 Ouv.: 200 mm Gr. = 187x Filtres: ✓
Remarques:

TR = 116 = 2.04 T.U. = $\omega_2 = 4,2^\circ$
 TR = 200 TR = 5
 T S-3-2.5-5-0.5-6-3-6-1-2.5-N

T
 3
 2.5
 5
 0.5
 6
 3
 6
 1
 2.5

No. 5



Date : 30-6-73 Heure T.U.: 11,20
 $\omega_1 = 258,2^\circ$ $\omega_2 = 207,1^\circ$ Im. 5 C 4-5
 Ouv.: 200mm Gr. = 187x Filtres: /

Remarques:

Torto alle 0,05 MEZ
 Non ho visto dettagli a causa
 delle chiazze sfavillanti.
 La SR sembra essere invece da materiali
 scuri e uniformi come SPR.

No. 6



Date : 3-7-73 Heure T.U.: 11,10
 $\omega_1 = 6,2^\circ$ $\omega_2 = 27,3^\circ$ Im. 2-3 C 0-1
 Ouv.: 200mm Gr. = 142x Filtres: /

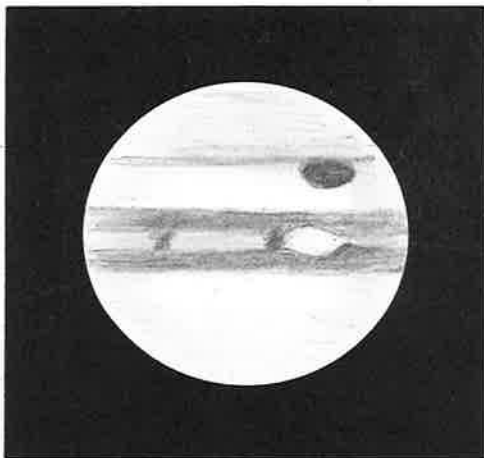
Remarques:

Causa le cattive immagini non ho
 intravisto altri particolari.
 Solo alle 11,47 ca. MEZ.

No. 7

T,

3
 4.5
 1
 5
 5
 1
 2.5



Date : 10-7-73 Heure T.U.: 22,30
 $\omega_1 = 8,0^\circ$ $\omega_2 = 330,9^\circ$ Im. 4-5 C 3
 Ouv.: 200mm Gr. = 187x-233x Filtres: /

Remarques:

TR = color rosso = T = 4.5
 $TR = MC = 23,21$ T.U. = $\omega_2 = 1,8^\circ$
 TR banda sinistra MC = 23,05 T.U. = $\omega_2 = 352,1^\circ$
 T-S-3-4,5-1-5-2-5-1-2,5-N

No. 8

Lat,

25
 5
 20
 10
 10
 10
 15
 20



T,

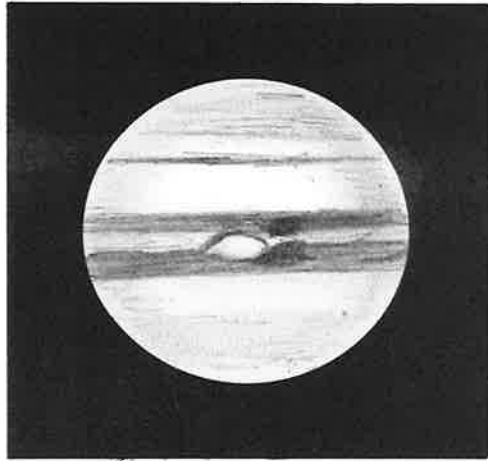
3
 2.5
 4.5
 1
 5
 2
 5
 1
 2.5

Date : 13,7,73 Heure T.U.: 22,30
 $\omega_1 = 122,1^\circ$ $\omega_2 = 62,1^\circ$ Im. 8-9 C 3
 Ouv.: 200mm Gr. = 187x-233x Filtres: /

Remarques:

TR = 4,5 T,
 Immagini eccezionali.
 T-S-3-2,5-4,5-1-5-2-5-1-2,5-N
 lat-S-25-5-20-10-10-10-15-20-N

No. 9



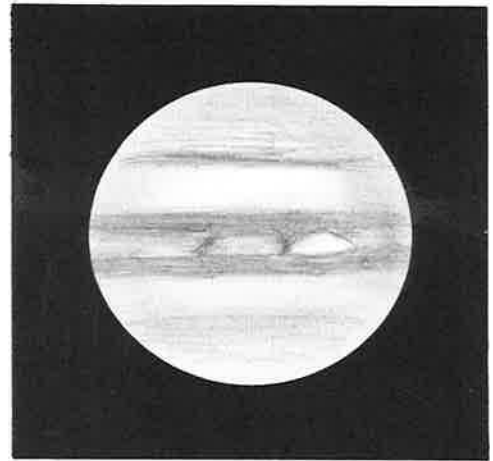
Date : 19-7-73 Heure T.U.: 22.00

$\omega_1 = 332,1^\circ$ $\omega_2 = 226,4^\circ$ Im. 3 C 0

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

Remarques: /

No. 10



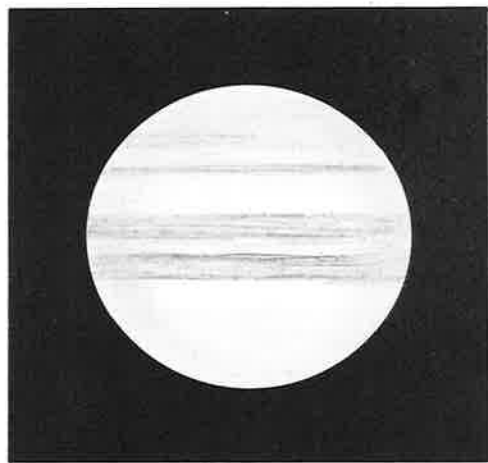
Date : 26-7-1973 Heure T.U.: 22.20

$\omega_1 = 10,5^\circ$ $\omega_2 = 211,4^\circ$ Im. 3 C 0

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

Remarques: /

No. 11



Date : 28-7-73 Heure T.U.: 22.00

$\omega_1 = 314,4^\circ$ $\omega_2 = 140,1^\circ$ Im. 2 C 0

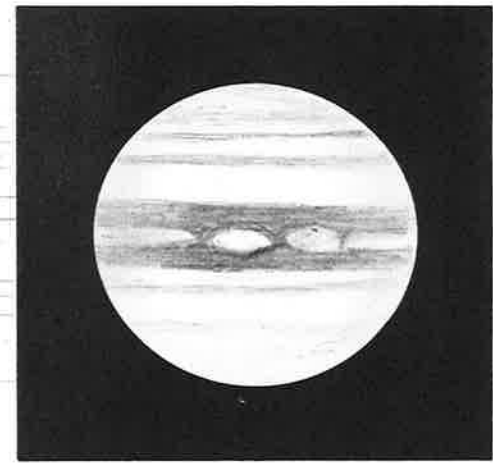
Ouv.: 200 mm Gr. = 140x Filtres: /

Remarques: /

No. 12

T.

- 3
- 1.5
- 3
- 4.5
- 0.5
- 5.5
- 2.5
- 5.5
- 0.5
- 2.5
- 2.5



SSTB

NTB

Date : 31-7-1973 Heure T.U.: 21.20

$\omega_1 = 44,1^\circ$ $\omega_2 = 207,1^\circ$ Im. 6 C 1

Ouv.: 200 mm Gr. = 187x.23x Filtres: /

Remarques:

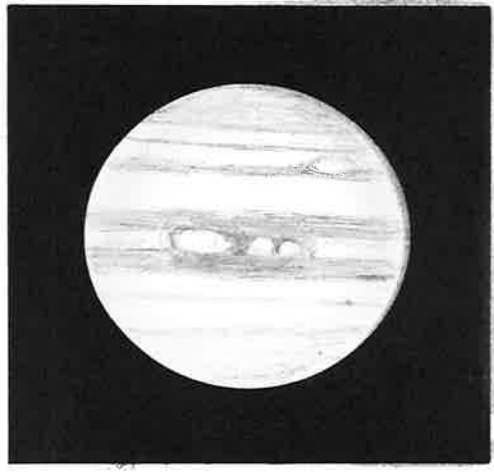
Immaginazione buona.

T. S-3-1.5-3-1-4.5-0.5-5.5-2.5-5.5-0.5-3-
- 0.5-2.5-N.

SSTB: normale

NTB: larga, per mezz'ora molto intensa.

No. 13



Date : 31-7-73 Heure T.U.: 23,15
 $\omega_1 = 114,3^\circ$ $\omega_2 = 276,6^\circ$ Im. 7 C 1
 Ouv.: 200mm Gr. = 187-233 Filtres: /

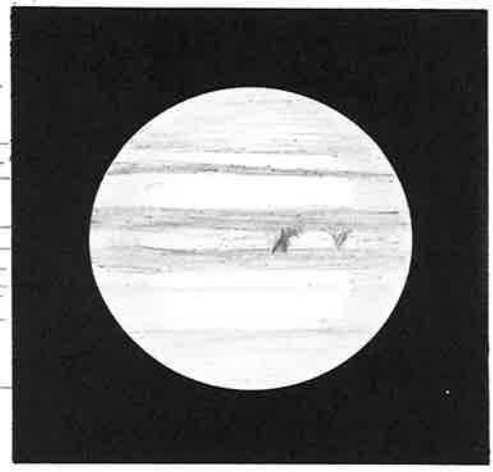
Remarques:

WOS D-E.

No. 14

T.

- 3
- 1
- 5
- 0.5
- 6
- 2.5
- 6
- 1
- 2.5
- 1
- 2.5

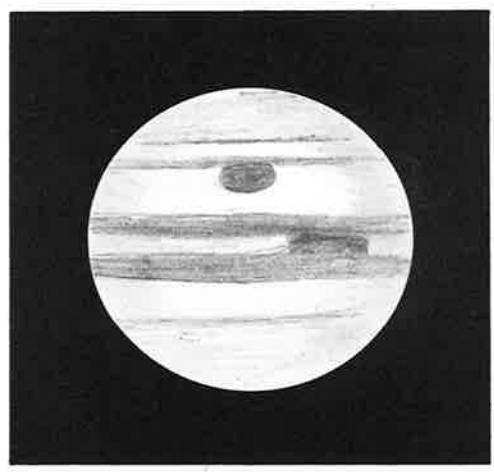


Date : 5-8-1973 Heure T.U.: 20,55
 $\omega_1 = 99^\circ$ $\omega_2 = 224^\circ$ Im. 5 C 3
 Ouv.: 200mm Gr. = 187-140 Filtres: /

Remarques:

T. 5-3-1-5-0.5-6-2.5-6-1-2.5-1-2.5-N.

No. 15

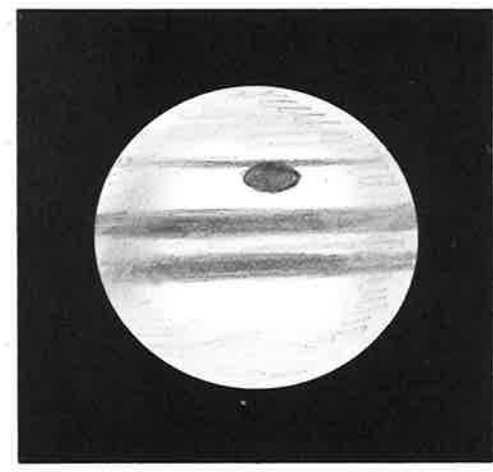


Date : 6-8-73 Heure T.U.: 1,00
 $\omega_1 = 248,4^\circ$ $\omega_2 = 12,4^\circ$ Im. 10 C 3
 Ouv.: 200mm Gr. = 187x Filtres: /

Remarques:

TR = MC = 0,57 T.V. = $\omega_2 = 10,2^\circ$
 TR = T = 5
 color rosa-rosso.
 Immagini eccezionali.

No. 16

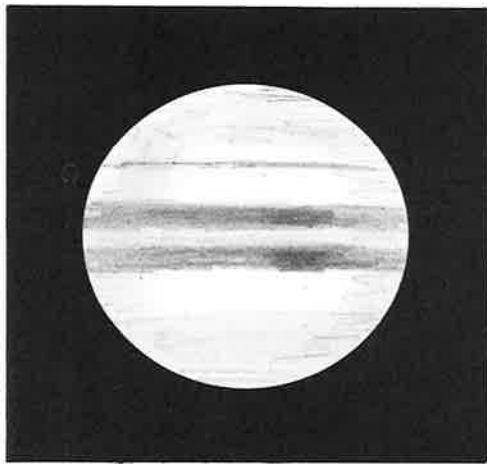


Date : 6-8-73 Heure T.U.: 20,35
 $\omega_1 = 244,8^\circ$ $\omega_2 = 2,2^\circ$ Im. 4 C 3-4
 Ouv.: 200mm Gr. = 187x Filtres: /

Remarques:

TR = MC = 20,44 T.V. = $\omega_2 = 7,6^\circ$
 TR = rosa.

No. 17



Date : 7-8-73 Heure T.U.: 20.45
 $\omega_1 = 48.9^\circ$ $\omega_2 = 158.6^\circ$ Im. 3 C 2-3
 Ouv.: 200 mm Gr. = 140-187x Filtres: /
Remarques: /

No. 18

T:

- 3
- 1.5
- 3
- 1
- 5
- 0.5
- 6
- 1.5
- 6
- 2.5
- 0.5
- 2.5



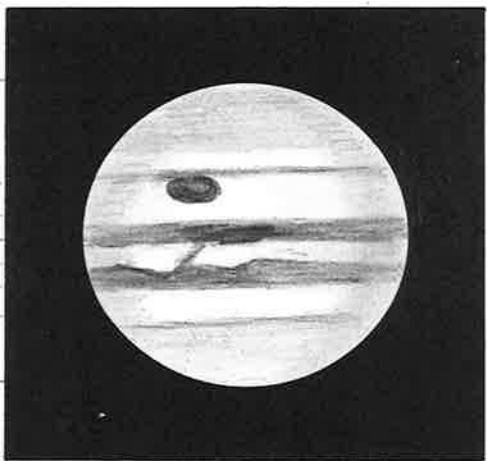
Date : 9-8-73 Heure T.U.: 21.30
 $\omega_1 = 32.3^\circ$ $\omega_2 = 176.6^\circ$ Im. 6 C 1-2
 Ouv.: 200 mm Gr. = 187-140x Filtres: /
Remarques:

$WOS = T.0.5 = MC22.37 T.U. = \omega_2 = 167.1^\circ$
 Wos a sinistra: F-A
 " a destra: B-C
 T. 5-3-1.5-3-1.5-0.5-6-1.5-6-0.5-2.5-0.5-2.5-N

No. 19

T:

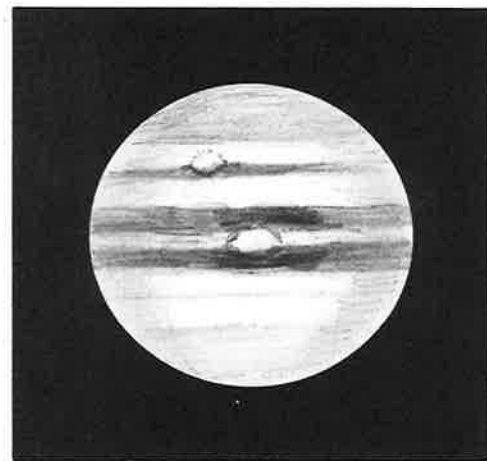
- 3
- 1
- 5
- 0.5
- 6
- 1.5
- 6
- 0.5
- 2.5



Date : 11-8-73 Heure T.U.: 20.20
 $\omega_1 = 205.7^\circ$ $\omega_2 = 25.0^\circ$ Im. 4 C 3
 Ouv.: 200 mm Gr. = 140x Filtres: /
Remarques:

TR = T.5 color rosso.
 In seguito il cielo è diventato nuvoloso, rendendo impossibili ulteriori osservazioni.

No. 20



Date : 12-8-73 Heure T.U.: 20.30
 $\omega_1 = 109.8^\circ$ $\omega_2 = 181.5^\circ$ Im. 4 C 2
 Ouv.: 200 mm Gr. = 140-187x Filtres: /
Remarques: /

WOS = B-C

No. 21

T₁

3

1
4.5
6.5
5.5
1
5.5
6.5
2
2.5



Date : 13-8-73 Heure T.U. : 20,10

$\omega_1 = 255,6^\circ$ $\omega_2 = 319,8^\circ$ Im. 4 C 0

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

Remarques:

TR = T.5 color rosso.

TR = MC = 21,32 T.U. = $\omega_2 = 9,4^\circ$

No. 22



Date : 13-8-73 Heure T.U. : 21,45

$\omega_1 = 313,5^\circ$ $\omega_2 = 17,2^\circ$ Im. 4-5 C 0

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

Remarques:

No. 23

T₁

3



Date : 13-8-73 Heure T.U. : 23,15

$\omega_1 = 8,4^\circ$ $\omega_2 = 71,6^\circ$ Im. 4-5 C 0

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

Remarques:

WOS = MC = 0,07 T.U. = $\omega_2 = 103^\circ$

WOS F.A = T_{0,5} SEB₅ = T.3.

Verso le 100 HEZ, a tratti le immagini sono state eccezionali.

No. 24



Date : 16-8-73 Heure T.U. : 22,00

$\omega_1 = 76,6^\circ$ $\omega_2 = 117,3^\circ$ Im. 6 C 3-4

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

Remarques:

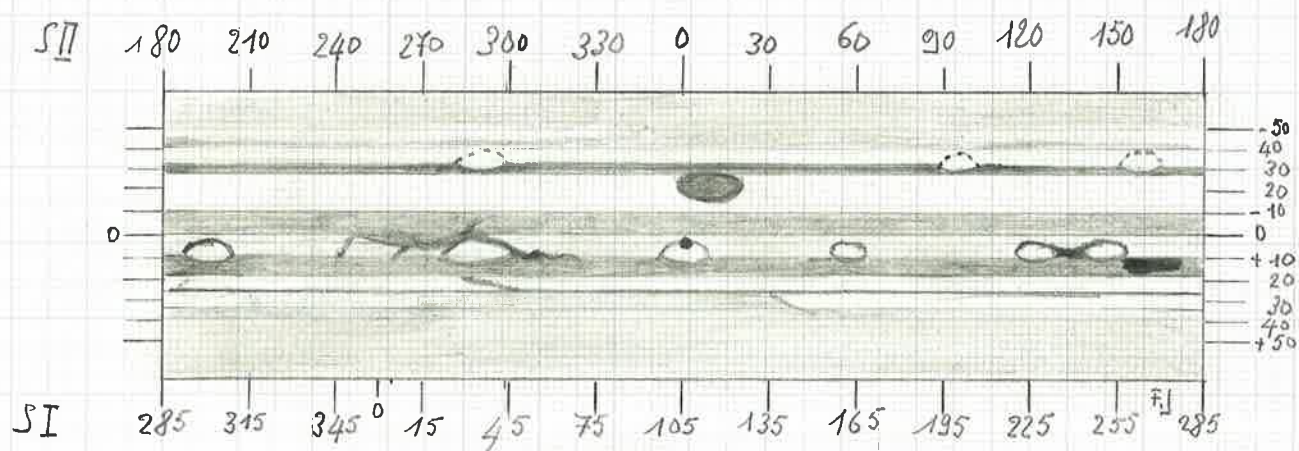
La forte clarté ha reso difficile l'osservazione.

Latitudini delle bande 1973

19.8.73

			Media
SPR	20	20	20
STZ	8	7	7,5
STB	6	5	5,5
ST,2	20	20	20
SEB _n	10	10	10
EZ	10	10	10
NEB	10	10	10
NT,2	5	7	6
NTB	2	2	2
NTZ	7	8	7,5
NPR	20	20	20

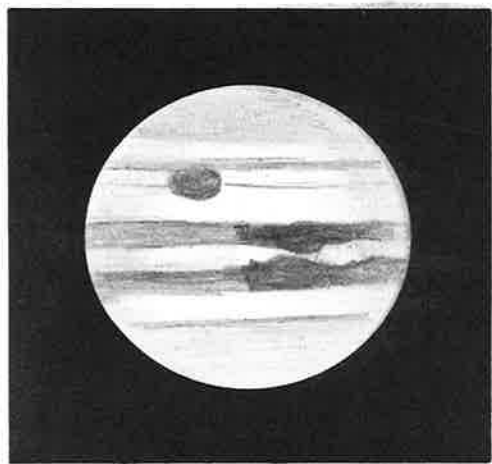
Planisfero di Giove: Centro 4 settembre 1973



Planisfero: 2 - 6 settembre 1973 (10 disegni)

Imm. 5, 6. Tel. 200 mm

No. 25



Date : 18-8-73 Heure T.U. : 21,10

$\omega_1 = 2,2^\circ$ $\omega_2 = 27,8^\circ$ Im. 8 C 4

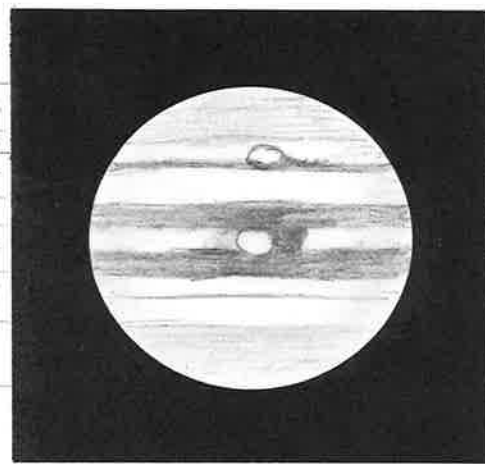
Ouv. : 200 mm Gr. = 140x-187x Filtres : /

Remarques :

TR = MC = 20,40 T.U. = $\omega_2 = 9,6^\circ$

No. 26

Lat,



Date : 19-8-73 Heure T.U. : 20,40

$\omega_1 = 141,8^\circ$ $\omega_2 = 160^\circ$ Im. 8-9 C 4

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

Remarques :

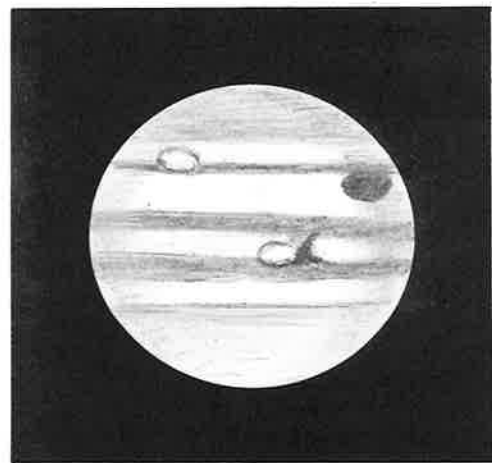
WOS B-C = MC = 20,48 T.U. = $\omega_2 = 164,9^\circ$

Macchia chiara in E2 = MC = 20,54 T.U. = $\omega_1 = 150,3^\circ$

WOS B-C = T, 0,5

Le latitudini delle bande sono la media di due serie di misurazioni.

No. 27



Date : 20-8-73 Heure T.U. : 21,00

$\omega_1 = 312^\circ$ $\omega_2 = 322,4^\circ$ Im. 4 C 1

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

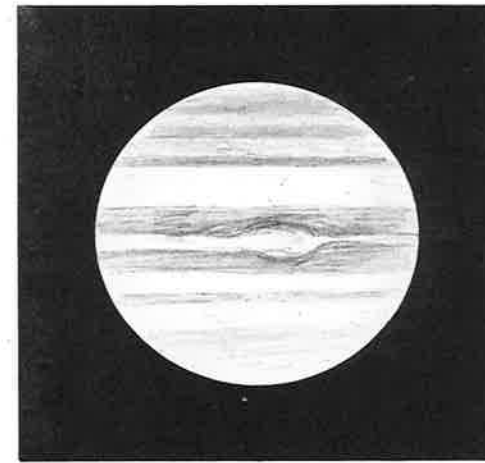
Remarques :

TR = color rosso, T = 6

TR = MC = 22,18 T.U. = $\omega_2 = 9,6^\circ$

Macchia chiara in E2 al MC = 21,14 T.U. = $\omega_1 = 320,5^\circ$

No. 28



Date : 27-8-73 Heure T.U. : 19,50

$\omega_1 = 295^\circ$ $\omega_2 = 252,4^\circ$ Im. 5 C 0

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

Remarques :

vista SSTB, poi ST2 e SST2 molto scure, tanto che con immagini attive tutto il polo sud appare scuro e la STB appare allora solo come bordo più scuro.

No. 29

T,

3

1

5

0,5

6

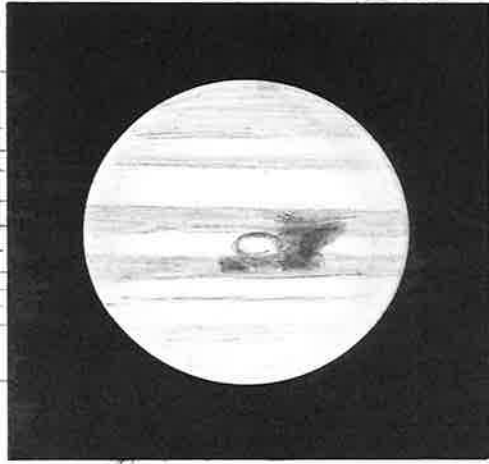
1

6

0,5

0,5

2.5



Date : 29-8-73 Heure T.U. : 21.10

$\omega_1 = 299.7^\circ$ $\omega_2 = 241.5^\circ$ Im. 4 C 0

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

Remarques :

Giove è sotto verso le 19.40 in ME2.

Mecque chiusa in E2 al MC = 21.20 T.U. =

$\omega_1 = 305.7^\circ$

No. 30



Date : 1-9-73 Heure T.U. : 22.05

$\omega_1 = 97^\circ$ $\omega_2 = 5.6^\circ$ Im. 3 C 0

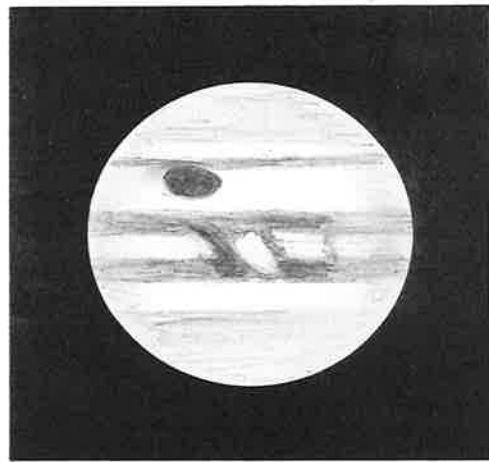
Ouv. : 200 mm Gr. = 140x Filtres : /

Remarques :

TR = MC = 22.18 T.U. = $\omega_2 = 12.2^\circ$

C'era forte vento.

No. 31



Date : 2-9-73 Heure T.U. : 18.45

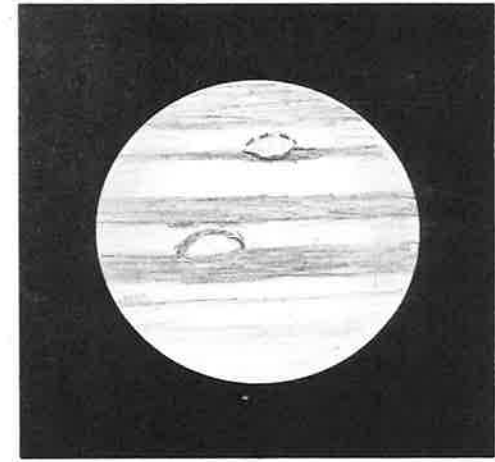
$\omega_1 = 122.9^\circ$ $\omega_2 = 35^\circ$ Im. 3-4 C 0

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

Remarques :

I contorni dei dettagli equatoriali non sono molto sicuri, a causa delle cattive immagini.

No. 32



Date : 2-9-73 Heure T.U. : 20.15

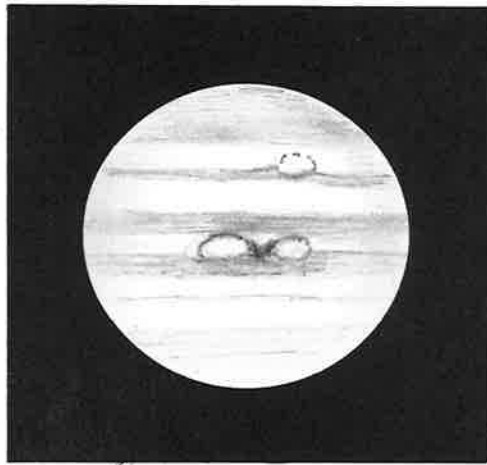
$\omega_1 = 177.8^\circ$ $\omega_2 = 89.4^\circ$ Im. 3-4 C 0

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

Remarques :

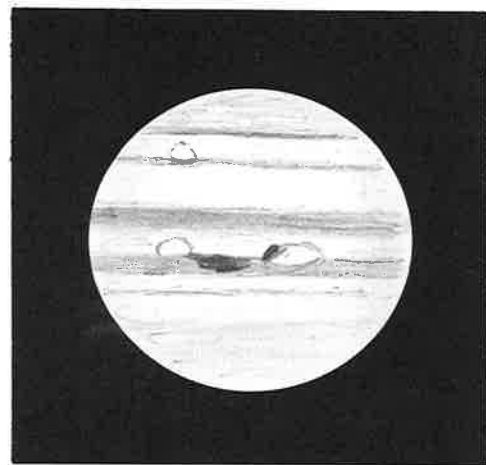
WOS F_A MC = 20.23 T.U. = $\omega_2 = 94.3^\circ$

No. 33



Date : 2-9-73 Heure T.U. : 21.50
 $\omega_1 = 235.7^\circ$ $\omega_2 = 146.8^\circ$ Im. 4 C 0
 Ouv. : 200 mm Gr. = 140x Filtres : ✓
Remarques :
 WOS B-C = MC 22.08 T.U. = $\omega_2 = 157.7^\circ$

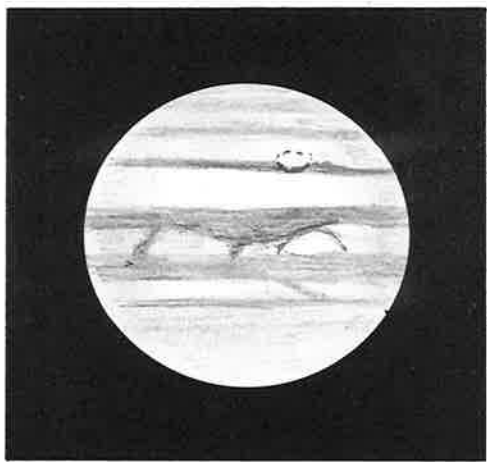
No. 34



Date : 3-9-73 Heure T.U. : 19.50
 $\omega_1 = 284^\circ$ $\omega_2 = 188.3^\circ$ Im. 4-5 C 0
 Ouv. : 200 mm Gr. = 140-187x Filtres : ✓
Remarques :

T₁
 3
 3
 1.5
 5
 0.5
 6
 1.5
 5
 2.5
 1
 20.5

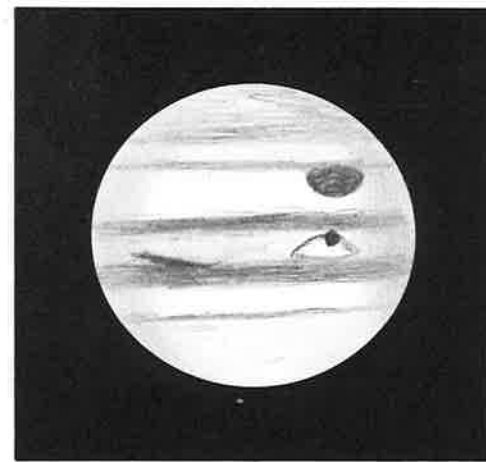
No. 35



Date : 3-9-73 Heure T.U. : 21.15
 $\omega_1 = 121.4^\circ$ $\omega_2 = 276^\circ$ Im. 6 C 0
 Ouv. : 200 mm Gr. = 140x Filtres : ✓
Remarques :
 WOS D-E T = 0.5
 MC = 21.44 T.U. = $\omega_2 = 293.5^\circ$

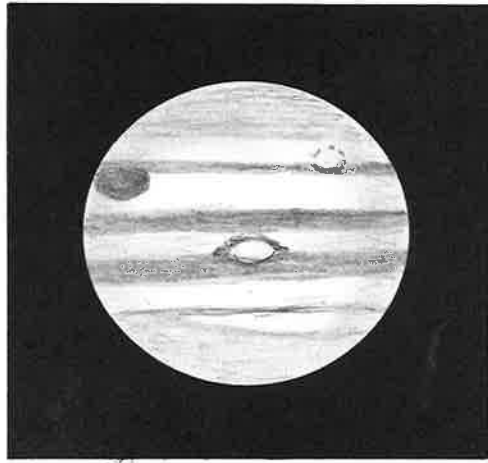
T₁
 3
 2
 1.5
 5
 0.5
 6
 1.5
 6
 0.5
 3.5
 1.5
 2.5

No. 36



Date : 4-9-73 Heure T.U. : 19.50
 $\omega_1 = 21.9^\circ$ $\omega_2 = 232.5^\circ$ Im. 8 C 1-2
 Ouv. : 200 mm Gr. = 140-187x Filtres : ✓
Remarques :
 L'ombra e del satellite Io.
 TR color rosso.
 TR MC = 19.41 T.U. = $\omega_2 = 9.4^\circ$

No. 37

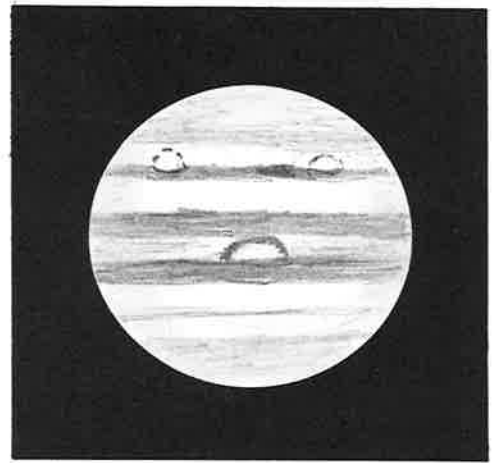


Date : 4-9-73 Heure T.U.: 21.10
 $\omega_1 = 167,3^\circ$ $\omega_2 = 63,2^\circ$ Im. 9 C 1-2
 Ouv.: 200 mm Gr. = 140-187 Filtres: /

Remarques:

Macchia chiara in EZ al MC 21.18 TU.
 $= \omega_1 = 172,1^\circ$
 WOS F-A MC = 21.58 TU. $= \omega_2 = 92,2^\circ$

No. 38

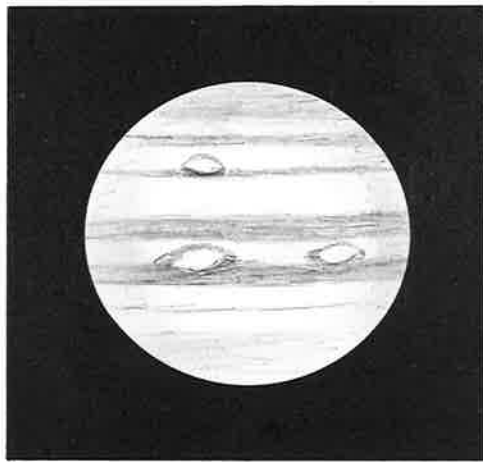


Date : 5-9-73 Heure T.U.: 18.30
 $\omega_1 = 227,6^\circ$ $\omega_2 = 116,2^\circ$ Im. 6 C 1
 Ouv.: 200 mm Gr. = 140-187 Filtres: /

Remarques:

Macchia chiara in EZ al MC
 alle 18.38 TU. $= \omega_1 = 232,5^\circ$

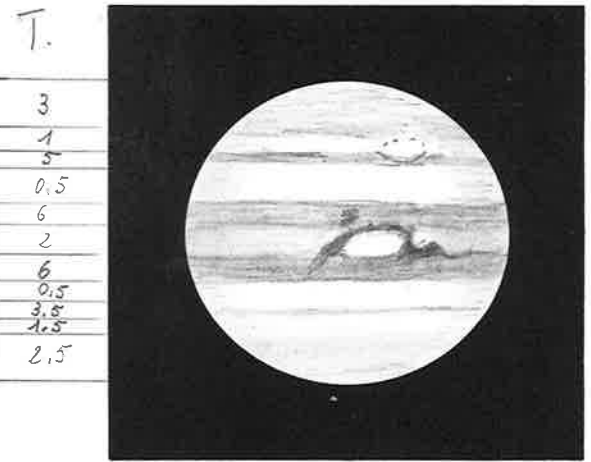
No. 39



Date : 5-9-73 Heure T.U.: 13.45
 $\omega_1 = 273,3^\circ$ $\omega_2 = 162,1^\circ$ Im. 6-7 C 1
 Ouv.: 200 mm Gr. = 140x Filtres: /

Remarques:

No. 40

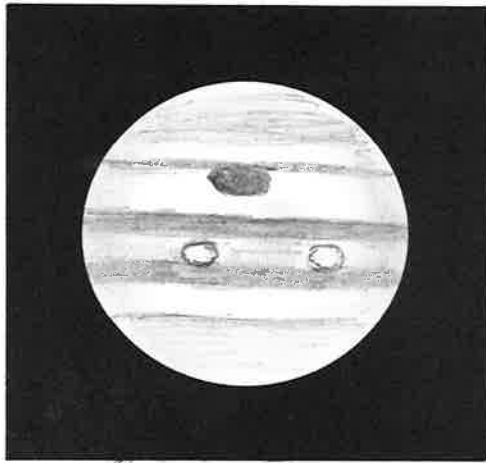


Date : 6-9-73 Heure T.U.: 18.30
 $\omega_1 = 25,5^\circ$ $\omega_2 = 267,1^\circ$ Im. 4-5 C 0
 Ouv.: 200 mm Gr. = 140x Filtres: /

Remarques:

Macchia chiara in EZ al MC = 18.47 TU.
 $= \omega_1 = 35,9^\circ$
 WOS D-E = MC 18.06 TU. $= \omega_2 = 288,8^\circ$

No. 41

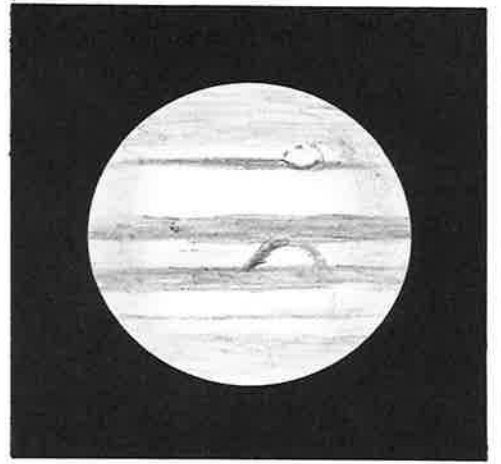


Date : 6-9-73 Heure T.U.: 21.25
 $\omega_1 = 134,2^\circ$ $\omega_2 = 12,8$ Im. 4-5 C 0
 Ouv.: 200 mm Gr. = 140x Filtres: ✓

Remarques:

TR = MC 21,20 T.U. = $\omega_2 = 9,8^\circ$
 TR = color sans $T_1 = 6$
 TR = col filtro rosso appena appena
 percettibile, col filtro blu era il
 dettaglio più scuro di tutto il
 pianeta (T.8).

No. 42

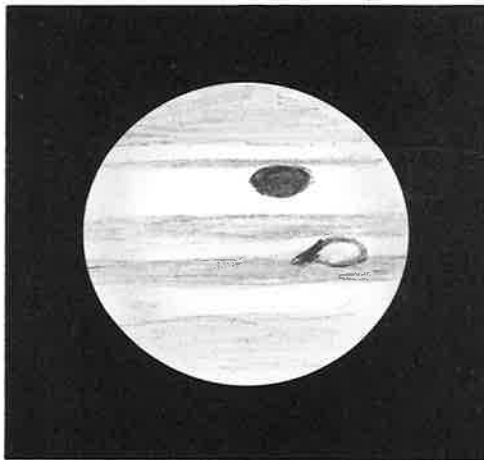


Date : 7-9-73 Heure T.U.: 18.55
 $\omega_1 = 138,6^\circ$ $\omega_2 = 72,5^\circ$ Im. 3-4 C 1
 Ouv.: 200 mm Gr. = 140x Filtres: ✓

Remarques:

WAS F-A MC 20,24 MEZ = $\omega_2 = 90^\circ$

No. 43

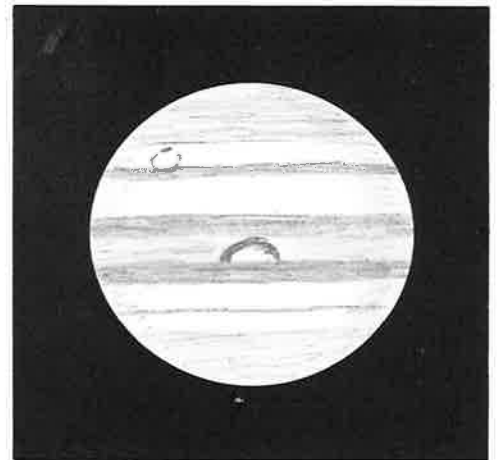


Date : 9-9-73 Heure T.U.: 18.30
 $\omega_1 = 139,2^\circ$ $\omega_2 = 357,9$ Im. 3-4 C 0
 Ouv.: 200 mm Gr. = 140x Filtres: ✓

Remarques:

TR = MC 18,50 T.U. = $\omega_2 = 9,9^\circ$

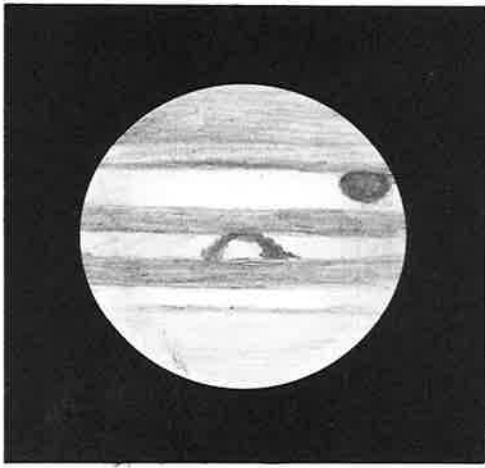
No. 44



Date : 9-9-73 Heure T.U.: 22.00
 $\omega_1 = 267,2^\circ$ $\omega_2 = 124,8^\circ$ Im. 5 C 0
 Ouv.: 200 mm Gr. = 140x Filtres: ✓

Remarques:

No. 45



Date : 11-9-73 Heure T.U.: 19,10

$\omega_1 = 119,4$ $\omega_2 = 322,5^\circ$ Im. 4 C 4

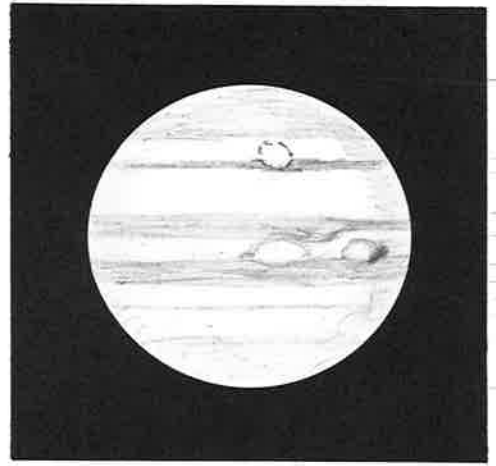
Ouv.: 200 mm Gr. = 140-187 Filtres: /

Remarques:

Macchia chiara in EC MC = 19,44 T.U.

= $\omega_2 = 120^\circ$

No. 46



Date : 22-9-73 Heure T.U.: 12,00

$\omega_1 = 13,2$ $\omega_2 = 132,8^\circ$ Im. 4-5 C 0

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

Remarques:

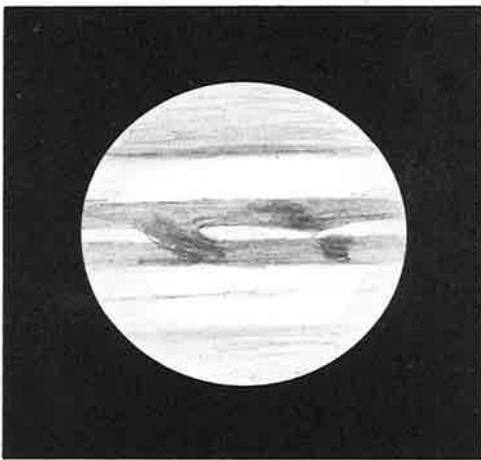
WOS molto ben visibile, WOS T = 0,5

WOS MC = 18,17 T.U. = $\omega_2 = 143,1^\circ$

WOS B-C

T.
3
1
5
0,5
6
1
6
0,5
0,5
3

No. 47



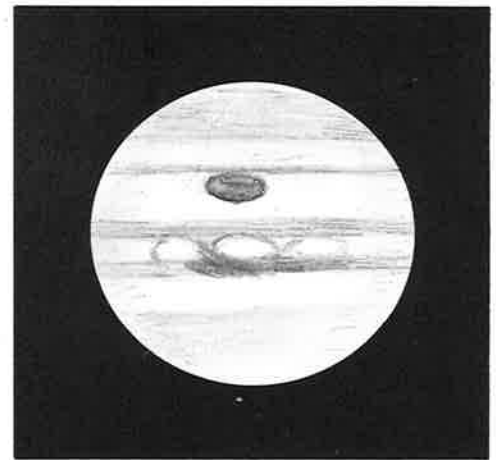
Date : 2-10-73 Heure T.U.: 19,10

$\omega_1 = 194,1$ $\omega_2 = 237,1^\circ$ Im. 3 C 0

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

Remarques:

No. 48



Date : 3-10-73 Heure T.U.: 18,50

$\omega_1 = 339,7$ $\omega_2 = 15,2^\circ$ Im. 4 C 0

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

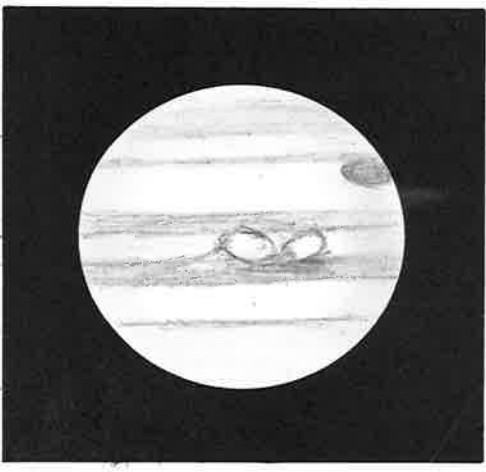
Remarques:

TR MC = 18,40 T.U. = $\omega_2 = 9,2^\circ$

No. 49

T.

- 3
- 1.5
- 4.5
- 0.5
- 5
- 1.5
- 5
- 0.5
- 3.5
- 2.5



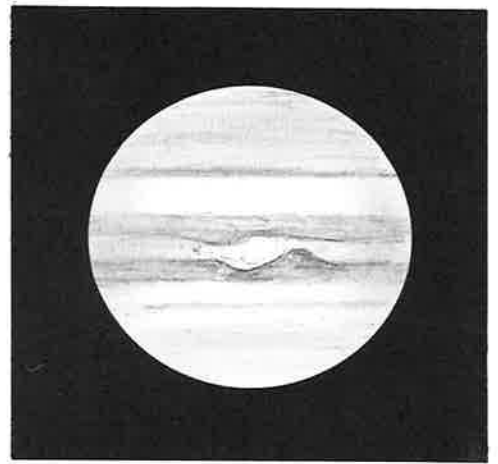
Date : 5-10-73 Heure T.U.: 18.45

$\omega_1 = 292,2^\circ$ $\omega_2 = 312,5^\circ$ Im. 4-5 C 0

Ouv.: 200 mm Gr. = 740x Filtres: /

Remarques:

No. 50



Date : 9-10-73 Heure T.U.: 19.05

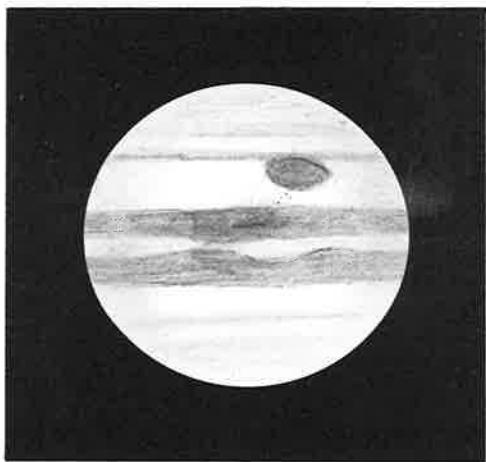
$\omega_1 = 215,6^\circ$ $\omega_2 = 205,2^\circ$ Im. 4 C 0

Ouv.: 200 mm Gr. = 740x Filtres: /

Remarques:

NTB \rightarrow molto facile da vedere, lunga e intensa.

No. 51



Date : 10-10-73 Heure T.U.: 19.00

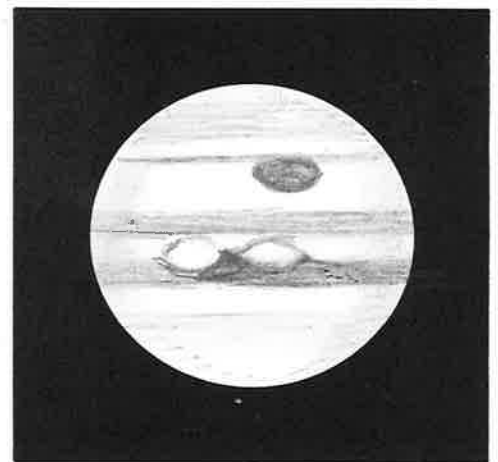
$\omega_1 = 10,4^\circ$ $\omega_2 = 352,4^\circ$ Im. 4 C 0

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

Remarques:

TR = MC 19,25 T.U. = $\omega_2 = \underline{7,5^\circ}$

No. 52



Date : 15-10-73 Heure T.U.: 18.10

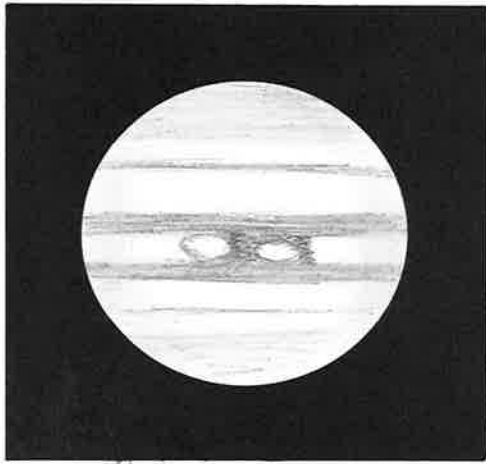
$\omega_1 = 48,7^\circ$ $\omega_2 = 352,9^\circ$ Im. 3-4 C 0

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

Remarques:

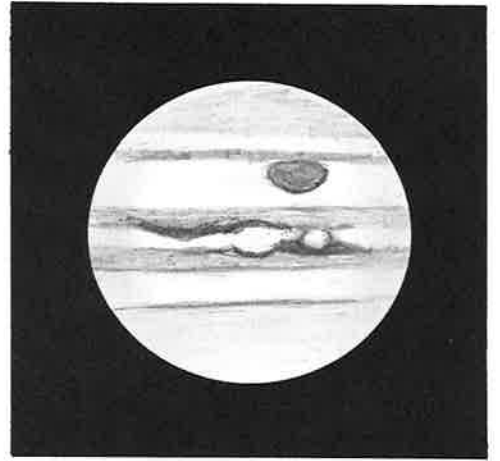
TR = MC 18,34 T.U. = $\omega_2 = \underline{7,4^\circ}$

No. 53



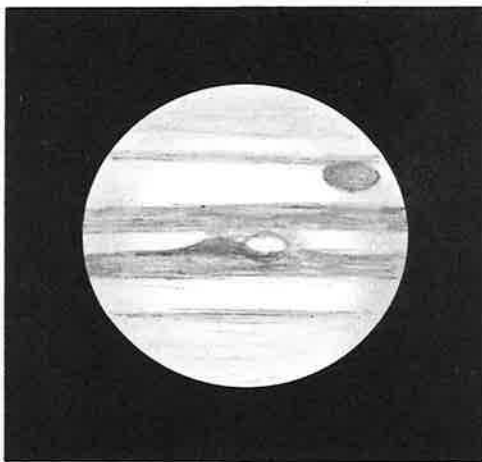
Date : 16-10-73 Heure T.U.: 18,55
 $\omega_1 = 233,9^\circ$ $\omega_2 = 170,2^\circ$ Im. 3-4 C 0
 Ouv.: 200mm Gr. = 140x Filtres: /
Remarques:

No. 54



Date : 27-10-73 Heure T.U.: 18,15
 $\omega_1 = 144,8^\circ$ $\omega_2 = 357,3^\circ$ Im. 4-5 C 0
 Ouv.: 200mm Gr. = 140x Filtres: /
Remarques:
 TR = color 200mm
 TR = MC 18.35 T.U. = $\omega_2 = 34^\circ$

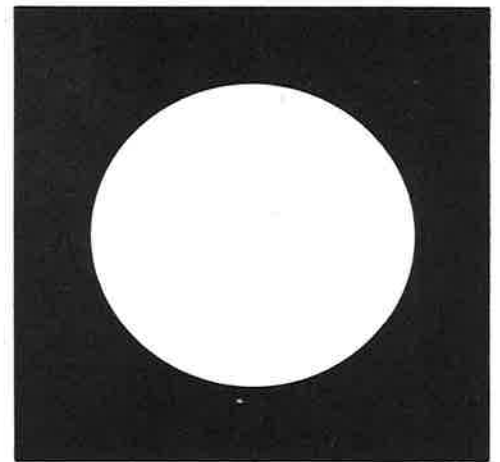
No. 55



Date : 3-11-73 Heure T.U.: 18,15
 $\omega_1 = 168,8^\circ$ $\omega_2 = 327,9^\circ$ Im. 4-5 C 0
 Ouv.: 200mm Gr. = 140x Filtres: /
Remarques:

TR = MC 19,27 T.U. = $\omega_2 = 11,4^\circ$

No.



Date : Heure T.U.:
 $\omega_1 =$ $\omega_2 =$ Im. C
 Ouv.: 200mm Gr. = Filtres:
Remarques: