GIOVE

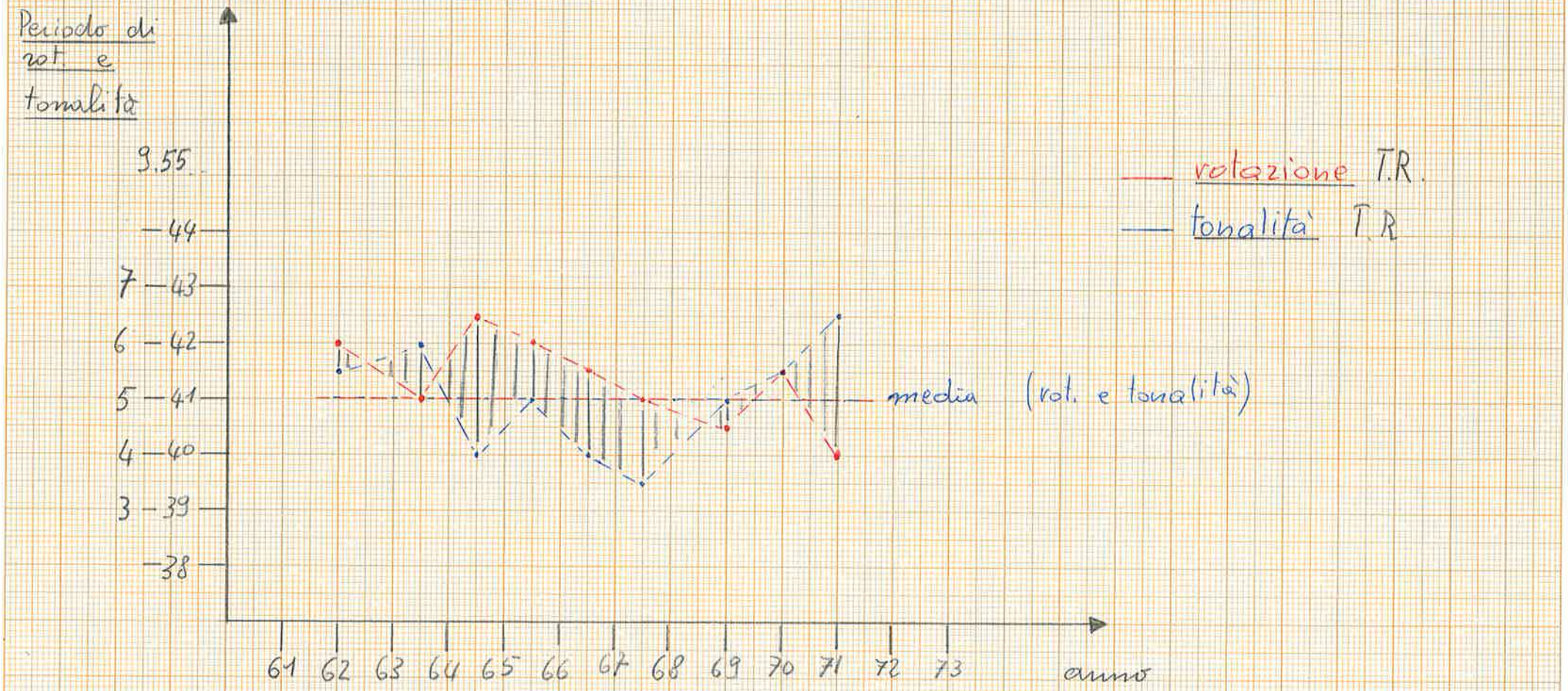
1971

Opposizione : 23 Maggio 1971

Telescopio riflettore di 20 cm di ϕ

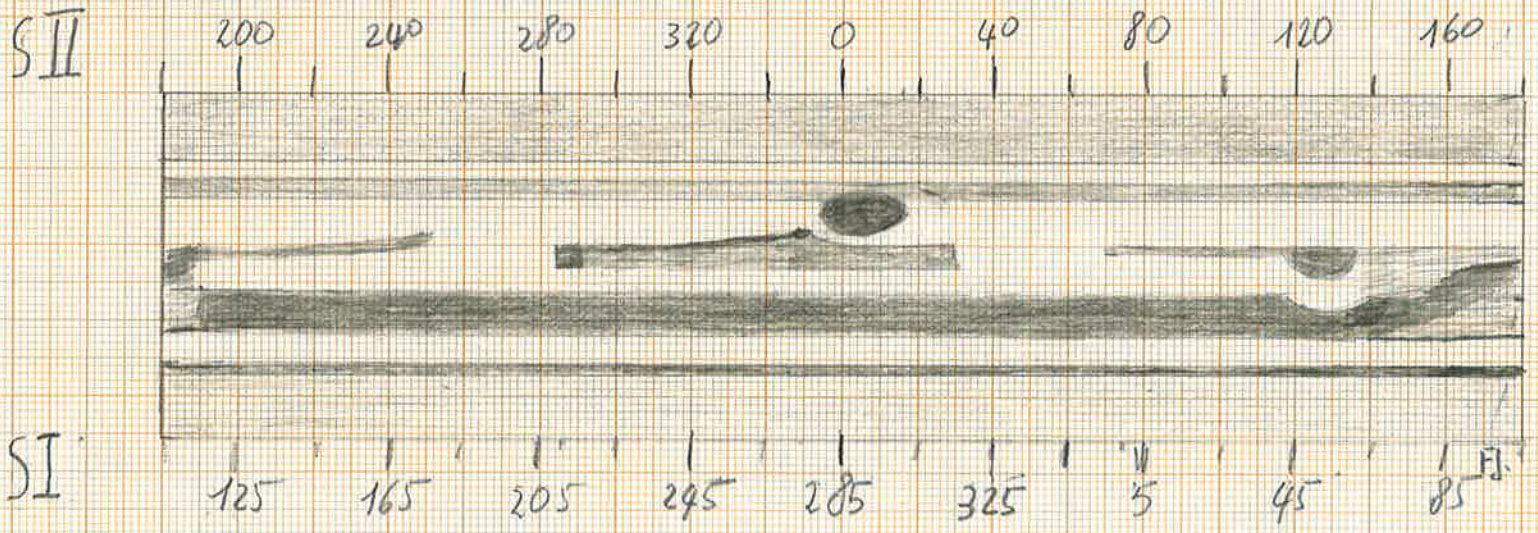
Grafico sulla tesi esposta sul rapporto di Giove del 53_54

Questi dati sembrano avvalorare in pieno quella tesi



Periodo di rot. medio T.R. 56_71 = 955.41.05 - periodo rot. medio 53-71 = 9.55.41.1

Planisfero di Giove



Planisfero visuale 3_4_5 settembre 1971.

Osservazioni di F. Jetzer.

La posizione della T.R. è stata fatta esatta grazie ad un passaggio al meridiano eseguito il 4_9_71. La latitudine delle bande e la loro ellitticità sono state fatte dopo aver eseguito le valutazioni all'oculare il 3_9_71.

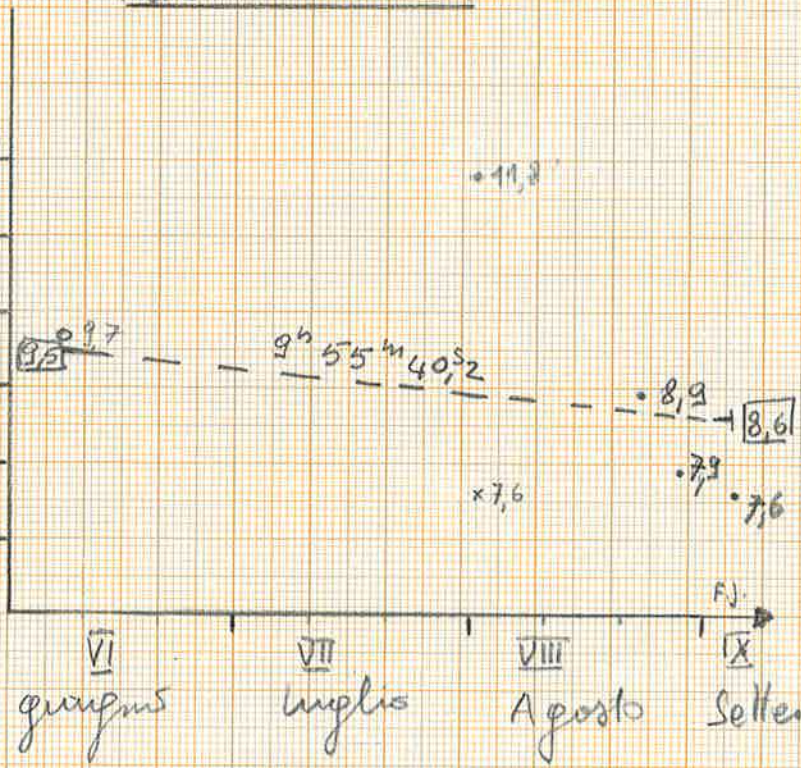
Periodo di rotazione

Macchia Rossa

Cortesi: 1 agosto 7,6°

F. Jetzer: 1 agosto 11,8°
23 " 8,9°
28 " 7,9°
4 settembre 7,6°

F. Meyer: 7 giugno 9,7°



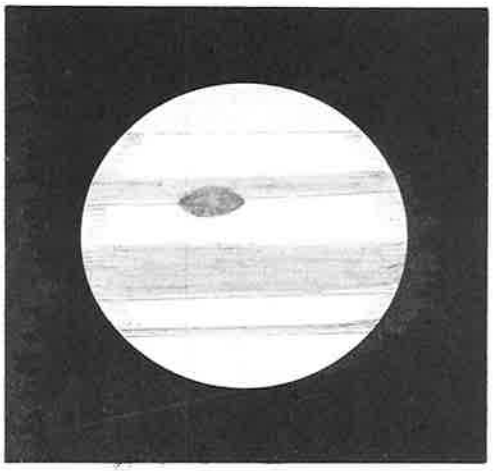
1971

Scarto e.q. sul grafico: ± 1°,34
(solo per F. Jetzer)

Risultati gruppo plom SAS.

1. gennaio – 23 maggio = 9h 55m 39s,3
2. 23 maggio – settembre, ottobre = 9h 55m 40s

No. 1



Date : 12-6-71 Heure T.U.: 20.10

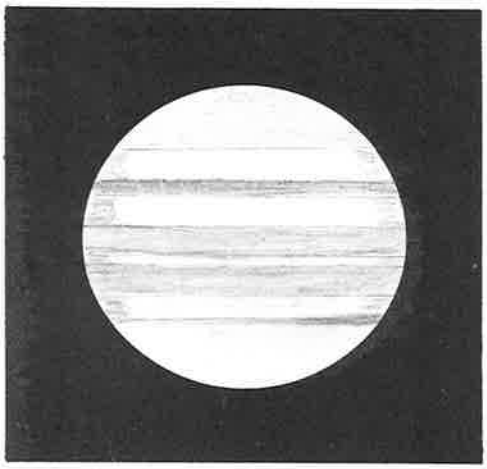
ω_1 = 25,6° ω_2 = 20,3° Im. 3 C 1

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

Remarques:

La macchia Rossa appariva al telescopio come una macchia rossastra leggermente intaccata dal grigio.
Visto 8 particolari (tra bande e zone) + la macchia rossa.

No. 2



Date : 13-6-71 Heure T.U.: 20.50

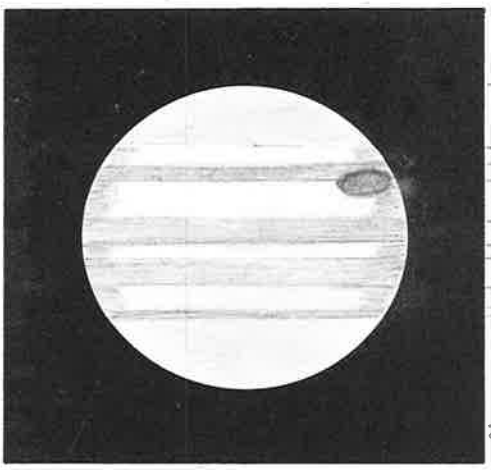
ω_1 = 208° ω_2 = 194,8° Im. 4-5 C 2

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

Remarques:

La zona NTZ era leggermente intaccata dal grigio.
Visto 10 particolari tra bande e zone)
La NTB era più marcata, nella parte destra (vedi disegno)

No. 3



13,8 0.308
7,2 0.161
9,6 0.213
11,4 0.255
10 0.225
3,6 0.080
10 0.223
7 0.156
3 0.067
14 0.312
Σ 83.6 2,00

Date : 16-6-71 Heure T.U.: 22.00

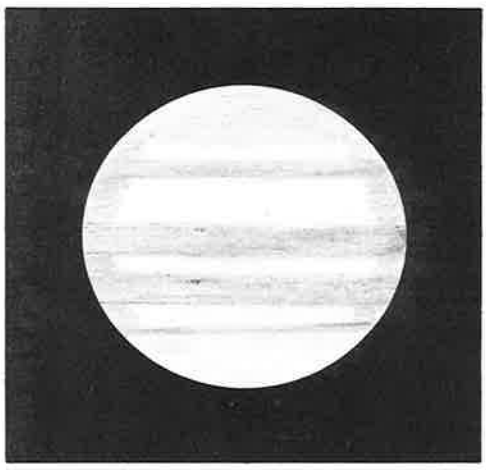
ω_1 = 4,5° ω_2 = 328,3° Im. 5 C 2-3

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

Remarques:

Visto 10 particolari (Tra bande e zone) + la macchia rossa, che aveva un colore rosa.
I valori delle latitudini è la media fra 5 valutazioni. I valori sono (partendo dall'alto):
13,8 - 7,2 - 9,6 - 11,4 - 10 - 3,6 - 10 - 7 - 3 - 14.
La NTZ era anche questa volta intaccata dal grigio

No. 4



Date : 18-6-71 Heure T.U.: 21.15

ω_1 = 293° ω_2 = 279,5° Im. 3-4 C 2

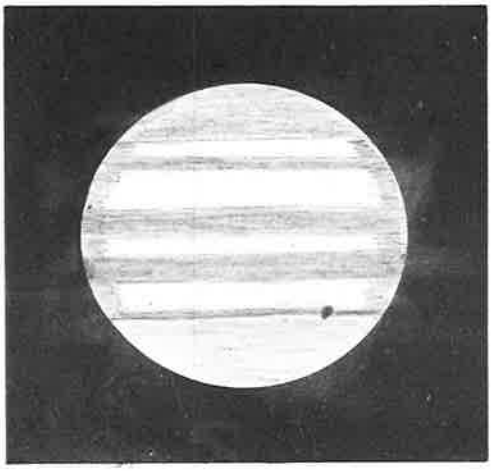
Ouv.: 200 mm Gr. = 233x Filtres:

Remarques:

La zona NTZ era anche questa volta leggermente grigiastra. Visto 10 particolari (Tra zone e bande)

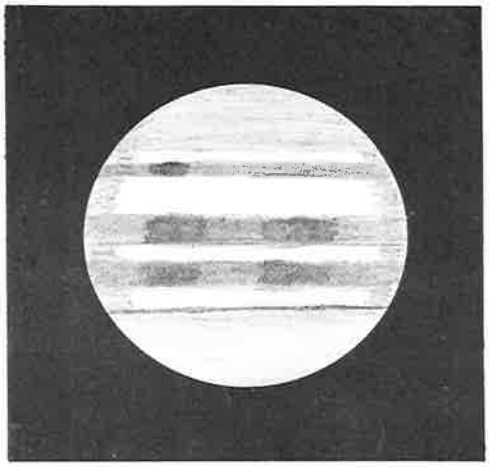
Observateur : F. Jetzer Lieu: Bellinzona Instr.: 200 mm

No. 5



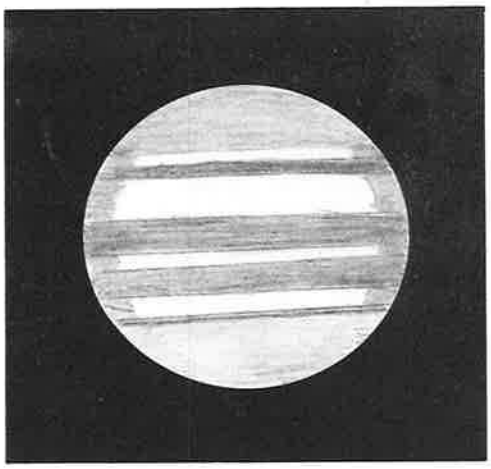
Date : 21-6-71 Heure T.U.: 20.45
ω_1= 28,5° ω_2= 314,5° Im. 6 C 2-3
Ouv.: 200 mm Gr.= 233x Filtres:
Remarques:
Vista l'ombra di Europa.

No. 6



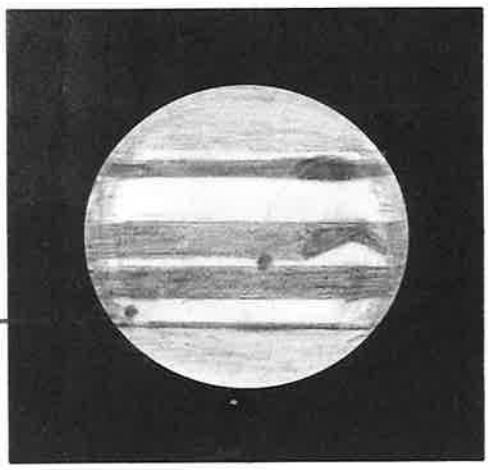
Date : 22-6-71 Heure T.U.: 20.50
ω_1= 183,6° ω_2= 107,8° Im. 4-5 C 2-3
Ouv.: 200 mm Gr.= 233x Filtres:
Remarques:

No. 7



Date : 23-6-71 Heure T.U.: 20.20
ω_1= 329,7° ω_2= 240° Im. 4 C 4
Ouv.: 200 mm Gr.= 187x Filtres:
Remarques:
A causa di condizioni atmosferiche pessime non ho notato altri particolari.

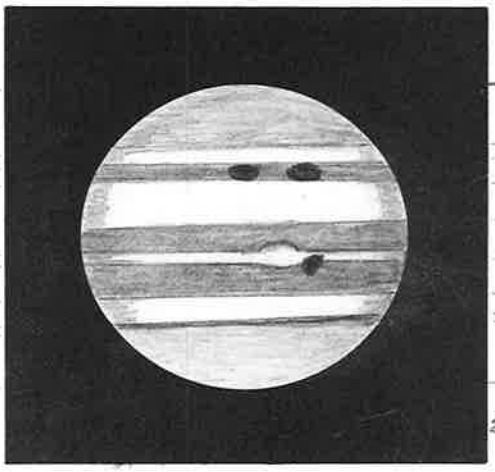
No. 8



Date : 27-6-71 Heure T.U.: 20.50
ω_1= 259,2° ω_2= 139,4° Im. 4 C 1
Ouv.: 200 mm Gr.= 233x Filtres:
Remarques:

Observateur : F. Jetzer Lieu: Bellinzona Instr.: 200 mm

No. 9

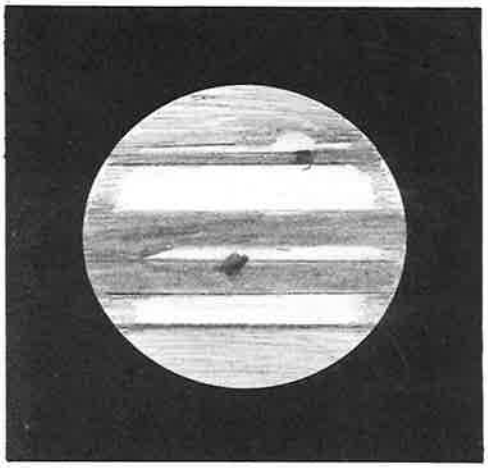


T	Lat. bande	
3	17	0.357
1	9,5	0.200
6-7	7	0.147
0,5	11	0.231
6	10	0.210
½	2,75	0.058
6	10	0.210
1	8,5	0.178
½	3	0.063
2	16,5	0.346
	Σ 95,25	2,000

Date : 28-6-71 Heure T.U.: 20.30
ω_1 = 45° ω_2 = 277,5° Im. 4-5 C 2-3
Ouv.: 200 mm Gr. = 187x-233x Filtres:

Remarques:
I valori della latitudine delle bande sono (partendo dall'alto):
-17-9,5-7-11-10-2,75-10-8,5-3-16,5-
I valori di T sono (partendo dall'alto):
|3|1|6-7|0.5|6|1|6|½|4|2|

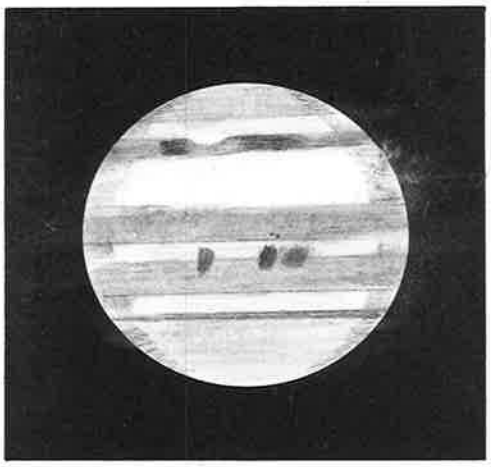
No. 10



Date : 2-7-71 Heure T.U.: 20.10
ω_1 = 304,4° ω_2 = 146,6° Im. 4 C 2
Ouv.: 200 mm Gr. = 187x Filtres:

Remarques:

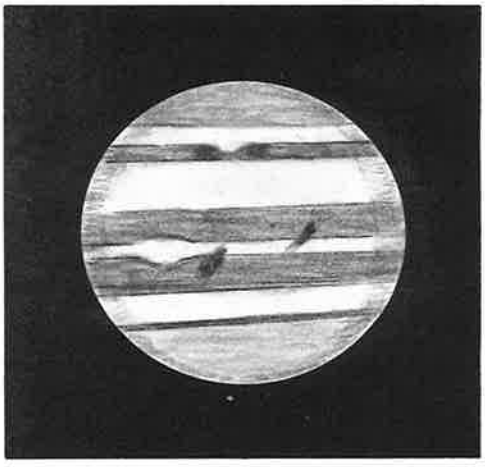
No. 11



Date : 3-7-71 Heure T.U.: 20.15
ω_1 = 105,3° ω_2 = 300° Im. 5 C 2-3
Ouv.: 200 mm Gr. = 187x Filtres:

Remarques:
Condizioni di visibilità della W.O.S. B-C 2.

No. 12

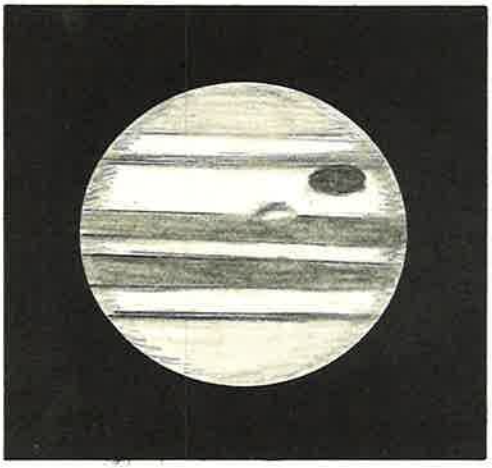


Date : 15-7-71 Heure T.U.: 19.45
ω_1 = 181,6° ω_2 = 284,8° Im. 4-5 C 2
Ouv.: 200 mm Gr. = 187x Filtres:

Remarques:
W.O.S. B-C, condizioni di visibilità 2.

Observateur : F. Jetzer Lieu: Bellinzona Instr.: 200 mm

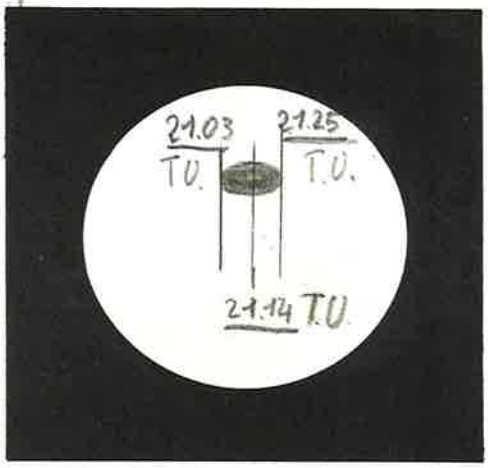
No. 13



Date : 1-8-71 Heure T.U.: 20.10
ω_1= 0° ω_2= 333,2° Im. 4 C 2
Ouv.: 200 mm Gr. = 187x Filtres:

Remarques:
La macchia Rossa era di un colore rosa intenso

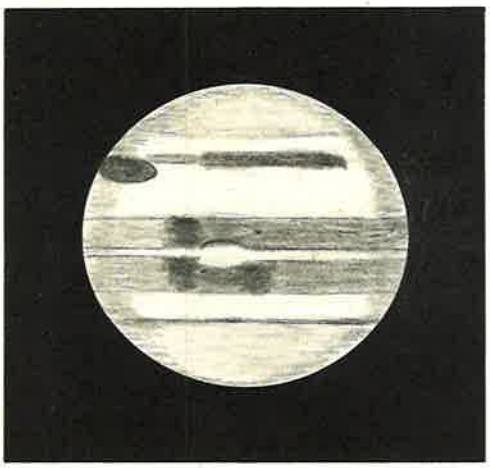
No. 14



Date : 1-8-71 Heure T.U.:
ω_1= ω_2= 11,8 ore Im. 3 C 2
Ouv.: 200 mm Gr. = 187x Filtres:

Remarques:
Passaggio al meridiano del bordo sinistro: 21.03 T.U.
Passaggio al meridiano del centro: 21.14 T.U.
Passaggio al meridiano del bordo destro: 21.25 T.U. * Del centro.

No. 15



Date : 4-8-71 Heure T.U.: 20.15
ω_1= 116,4° ω_2= 66,7 Im. 4-5 C 1
Ouv.: 200 mm Gr. = 187x Filtres:

Remarques:
La macchia rossa aveva un colore rosa intenso.

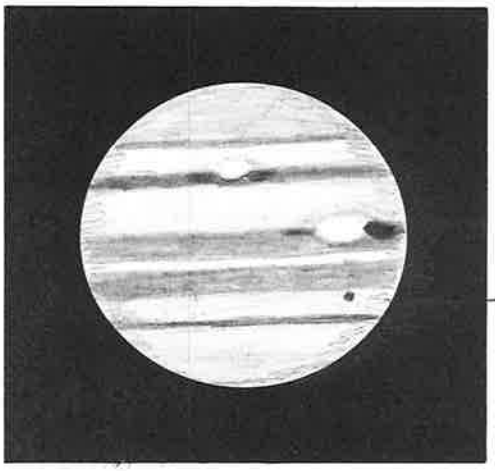
No. 16

Date : 7-8-71 Heure T.U.: 19.50
ω_1= 214.5° ω_2= 142,1° Im. 4 C 1
Ouv.: 200 mm Gr. = 187x Filtres:

Remarques:

Observateur : F. Jetzer Lieu: Bellinzona Instr.: 200 mm

No. 17



Date : 12.8.71 Heure T.U.: 19.45

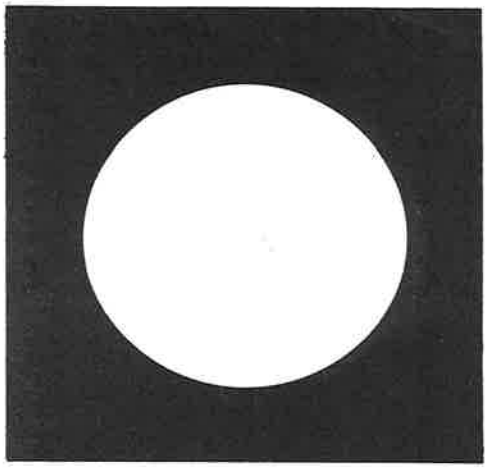
ω_1= 289,3° ω_2= 169,8 Im. 4 C 1

Ouv.: 200mm Gr.= 187× Filtres:

Remarques:

Si noti l'ombra del satellite Jo.
Visibile la W.O.S. F.A

No.



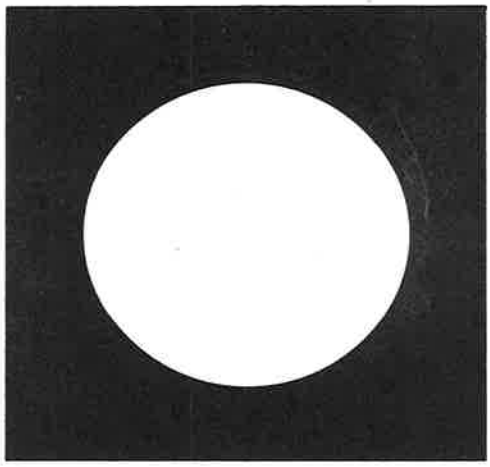
Date : Heure T.U.:

ω_1= ω_2= Im. C

Ouv.: Gr.= Filtres:

Remarques:

No.



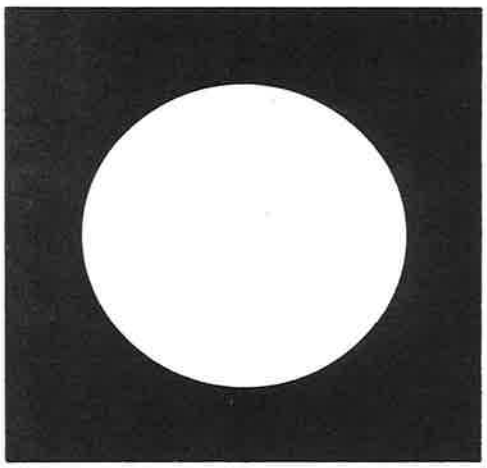
Date : Heure T.U.:

ω_1= ω_2= Im. C

Ouv.: Gr.= Filtres:

Remarques:

No.



Date : Heure T.U.:

ω_1= ω_2= Im. C

Ouv.: Gr.= Filtres:

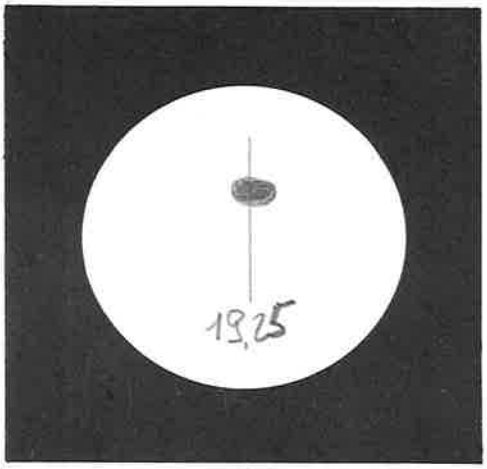
Remarques:

Observateur : F. Jetzer Lieu: Bellinzona Instr.: 200mm

No. 18 X

Date : 17-8-71 Heure T.U.: 19.30
ω_1= 340° ω_2= 191,4° Im. 3-4 C 2
Ouv.: 200mm Gr.= 187x Filtres: /
Remarques:

No. 19

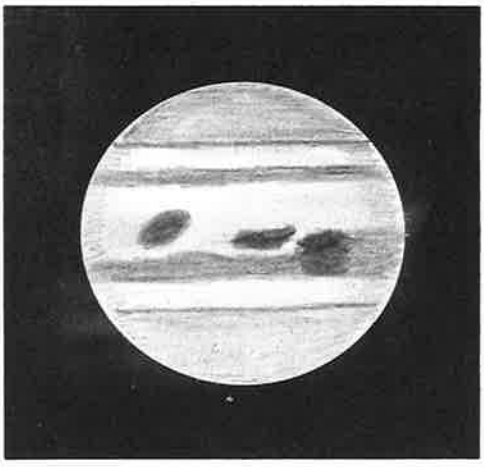


Date : 23-8-71 Heure T.U.: 19.25
ω_1= ω_2= 9,1° Im. 3 C 0-1
Ouv.: 200mm Gr.= 187x Filtres: /
Remarques:
Passaggio al meridiano centrale della macchia rossa il 23-8-71 alle 19.25 T.U. 8°.9
Colorazione della T.R.: rosa intenso.

No. 20

Date : 28-8-71 Heure T.U.: 18.33
ω_1= ω_2= 8,1° Im. 3 C 0
Ouv.: 200mm Gr.= 187x Filtres: /
Remarques:
Passaggio al meridiano della Macchia rossa: longitudine del centro 8,1°. 7.9
Colorazione T.R.: rosa intenso-rosso biancastro

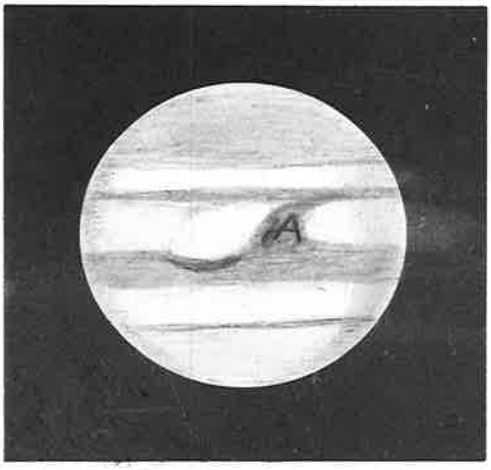
No. 21



Date : 29-8-71 Heure T.U.: 18.40
ω_1= 42,4° ω_2= 162,5° Im. 4 C 1
Ouv.: 200mm Gr.= 187x Filtres: /
Remarques:

Observateur : F. Jetzer Lieu: Bellinzona Instr.: 20 cm

No. 22

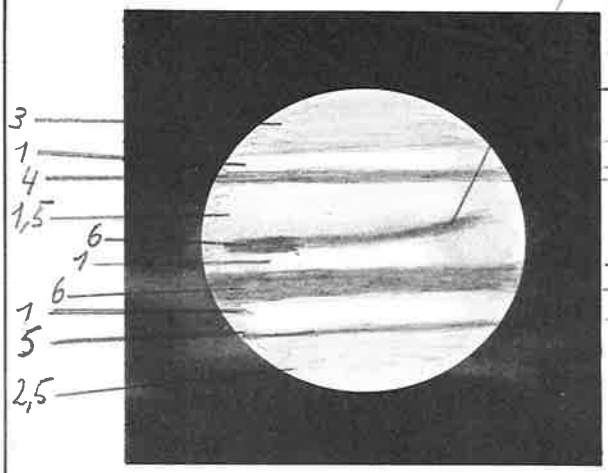


Date : 1-9-71 Heure T.U.: 18.30
ω_1= 149,5° ω_2= 146,7° Im. 4 C 0-1
Ouv.: 200mm Gr.= 187x Filtres: —

Remarques:

(A) Passato al meridiano centrale alle 18.40. Essendo compreso tra il sistema I e II i meridiani centrali sono: ω_1: 155,6° ω_2: 152,7°

No. 23



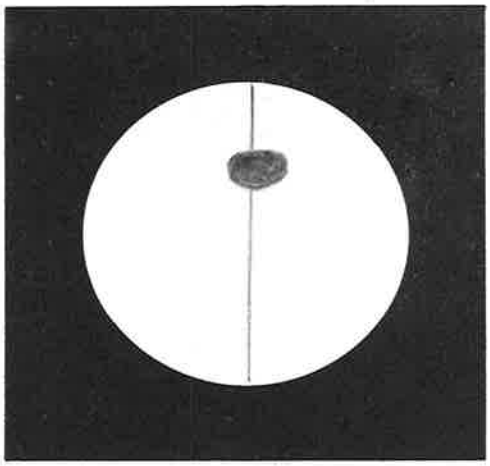
Latitudine delle bande
18
5
5
25
10
9
19

Date : 3-9-71 Heure T.U.: 18.40
ω_1= 111° ω_2= 192,3 Im. 4 C 1
Ouv.: 200mm Gr.= 187x Filtres: —

Remarques:

I numeri dopo la linea indicano l'intensità di Tonalità T, mentre gli altri a destra indicano la latitudine delle bande

No. 25

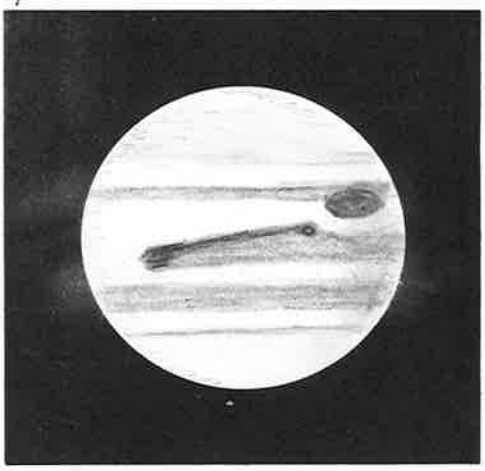


Date : 4-9-71 Heure T.U.: 19.21
ω_1= ω_2= 7,8° Im. 3 C 1-2
Ouv.: 200mm Gr.= 187x Filtres: —

Remarques:

Passaggio al meridiano centrale della macchia rossa il 4-9-71 alle 19.21: meridiano del centro 7,8 . 7.6

No. 24



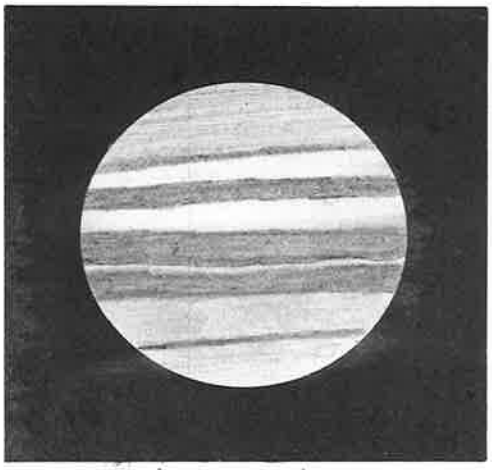
Date : 4-9-71 Heure T.U.: 18.50
ω_1= 262,7° ω_2= 336,9° Im. 4 C 1
Ouv.: 200mm Gr.= 187x Filtres: —

Remarques:

La macchia rossa aveva un alone rosa intorno.

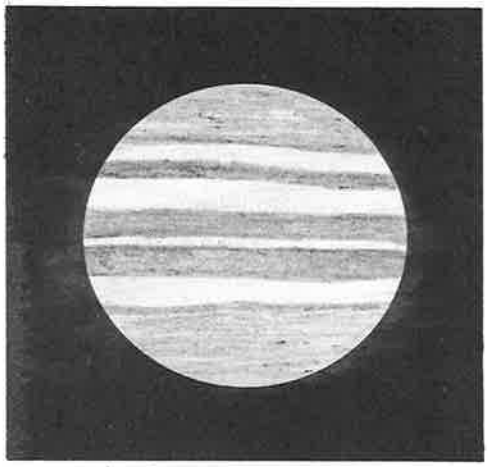
Observateur : F. Jetzer Lieu: Bellinzona Instr.: 200mm

No. 1



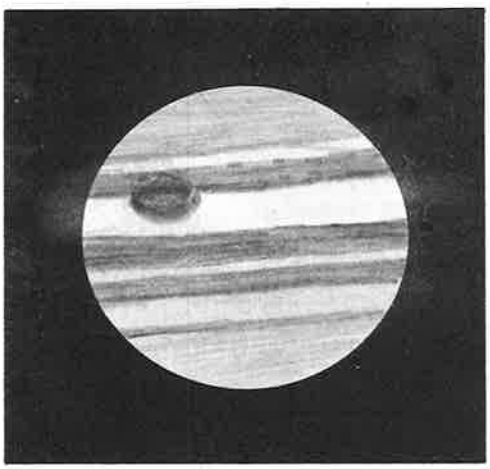
Date : 12/6/1971 Heure T.U.: 23h00
ω_1= 129°,3 ω_2= 123° Im. 3 C 2-3
Ouv.: 20Ø Gr.= 180X Filtres: —
Remarques:
11 régions (bandes + zones)

No. 2



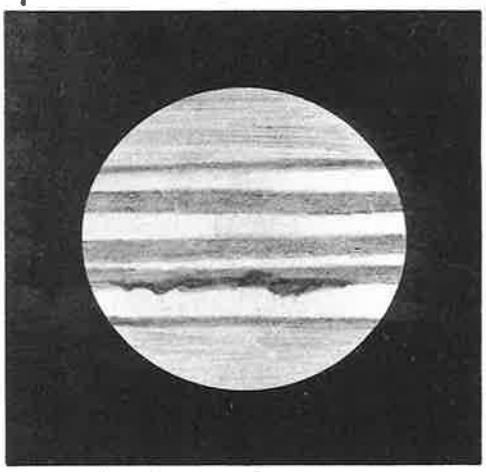
Date : 18/6/1971 Heure T.U.: 20h55'
ω_1= 242,7° ω_2= 21,1 Im. 3-4 C 2-3
Ouv.: 20Ø Gr.= 180X Filtres: —
Remarques:
11 régions (bandes + zones)

No. 3



Date : 19/6/1971 Heure T.U.: 20h55'
ω_1= 42°,1 ω_2= 343°,6 Im. 2-3 C 3
Ouv.: 20Ø Gr.= 180X Filtres: —
Remarques:

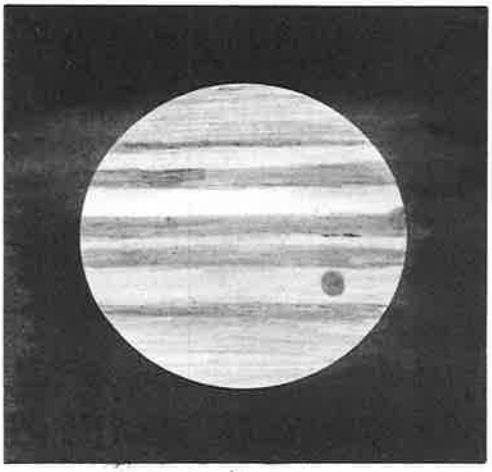
No. 4



Date : 22/6/1971 Heure T.U.: 20h00
ω_1= 153°,1 ω_2= 77,6° Im 6-7 C 1-2
Ouv.: 20Ø Gr.= 180X Filtres: —
Remarques:
15 SPR
5 SSTB
10 STZ
10 STB
12 STrZ
16 SEB
3 EB
10 NEB
11 NTZ
4 NNTB
15 NPR
11 régions (bandes + zones)

Observateur : A. MATERNI Lieu: BELLINZONA (TI) Instr.: Ø 20 Newt

No. 5



Date : 27/6/1971 Heure T.U.: 19h30'

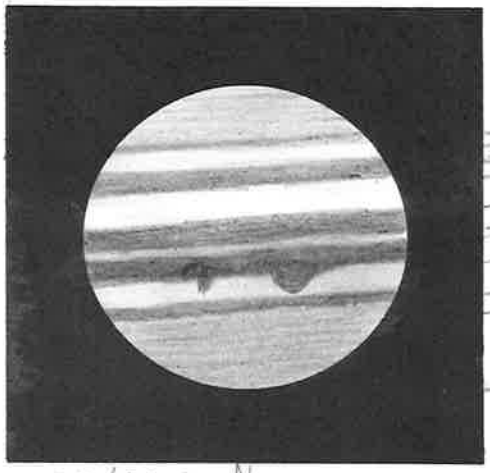
ω_1= ω_2= Im. 7 C 1-2

Ouv.: 20 Gr.= 180X Filtres: verde

Remarques:

S.T.B BEN MARCATA
IO IN PASSAGGIO
PASS. MER. CENTR. 20h05' T.U.

No. 6



Date : 28/6/1971 Heure T.U.: 20h15'

ω_1= 358° ω_2= 268,4° Im. 5-6 C 2

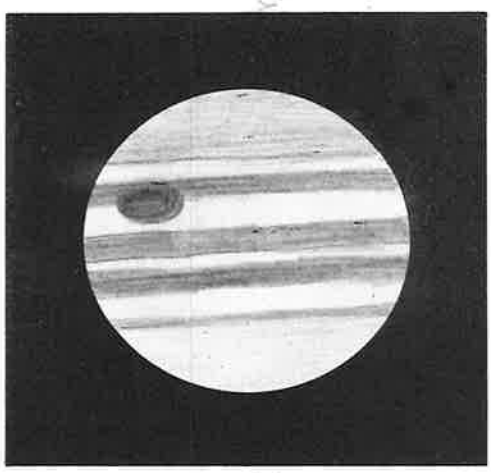
Ouv.: 10 Gr.= 180X Filtres: —

Remarques:

LATITUDINE DELLE BANDE

SPR	: 13	
SSTB	: 4	
STZ	: 6	PARTICOLARI
STB	: 7	NON RIPPO
STRZ	: 11	DISCERNIBILI
SEB	: 10	
EZ	: 2	IN N.E.B
NEB	: 10	
NTZ	: 3	
NNTB	: 2	11 zones + bandes
NPR	: 16	

No. 7



Date : 29/6/71 Heure T.U.: 19h30'

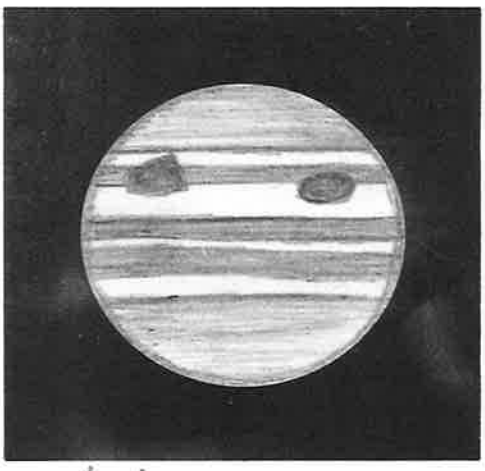
ω_1= ω_2= Im. 3 C 2-3

Ouv.: 10 Gr.= 90X Filtres: —

Remarques:

T.R. BEN MARCATA
COTES D'INTENSITÉ T.R = 6,3

No. 8



Date : 1/7/1971 Heure T.U.: 19h45

ω_1= ω_2= Im. 3-4 C 2-3

Ouv.: 20 Gr.= 180X Filtres: vert

Remarques:

LATITUDINE DELLE BANDE

SPR	: 13
SSTB	: 3
STZ	: 7
STB	: 9
STRZ	: 12
SEB	: 10
EZ	: 3
NEB	: 10
NTZ	: 2
NNTB	: 2
NPR	: 16

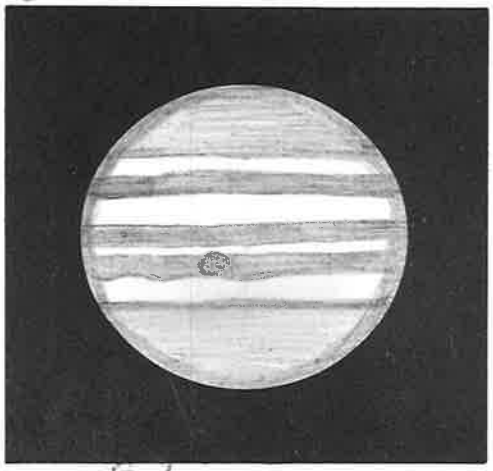
19h50' ME2

COTES D'INTENSITÉ (MOYEN)

3 SPR	6 NEB
4 SSTB	2 NTZ
2 S+Z	3 NNTB
5 STB	
0,5 STRZ	3 NPR
6 SEB	
1 EZ	T.R = 6,7

Observateur : A. MATERNI Lieu: BELLINZONA (TI) Instr.: Ø 20 NEW

No. 9



Date : 21/7/1971 Heure T.U.: 20h05'

ω_1= ω_2= Im. 6 C 1-2

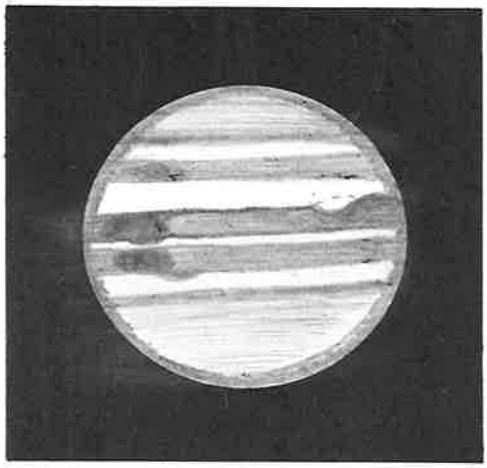
Ouv.: 20 Gr.= 180X Filtres: —

Remarques:

LATITUDINE DELLE BANDE: — COTES D'INTENSITÉ (MOYEN)

SPR: 2	3 SPR
SSTB: 4	4 SSTB
ST2: 6	2,5 ST2
STB: 7	4,5 STB
STR2: 12	0,5 STR2
SEB: 10	6 SEB
EZ: 3	1,5 EZ
NEB: 10	6 NEB
NT2: 11	2 NT2
NTB: 3	4 NTB
NPR: 15	3 NPR

No. 10



Date :22/7/1971 Heure T.U.: 21h05'

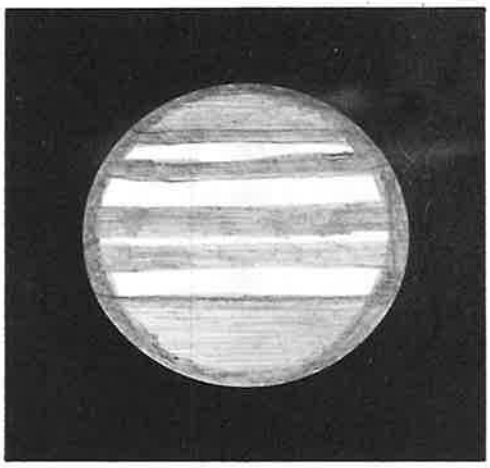
ω_1= ω_2= Im. 7 C 1-2

Ouv.: 20 Gr.= 180X Filtres: —

Remarques:

(T) ST_R2: 0,5

No. 11



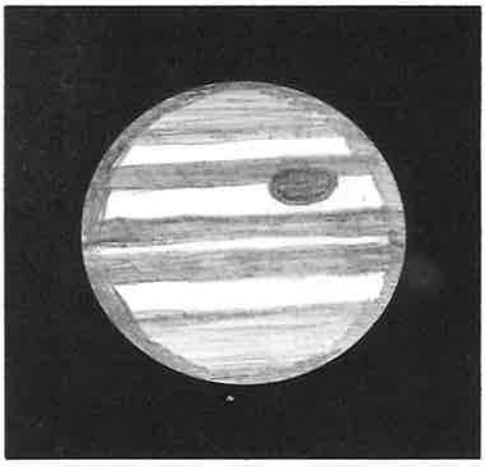
Date :24/7/1971 Heure T.U.: 20h10'

ω_1= ω_2= Im. 5-6 C 2

Ouv.: 20 Gr.= 180 Filtres: —

Remarques:

No. 12



Date :25/7/1971 Heure T.U.: 19h40'

ω_1= ω_2= Im. 7-8 C 1-2

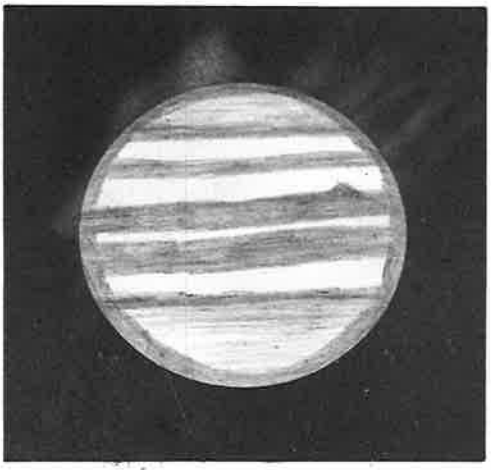
Ouv.: 20 Gr.= 128X Filtres: —

Remarques:

(T) T.R. = 6,5 n

Observateur : A. MATERNI Lieu: BELLINZONA(TI) Instr.: 20ϕ NEWTON

No. 13



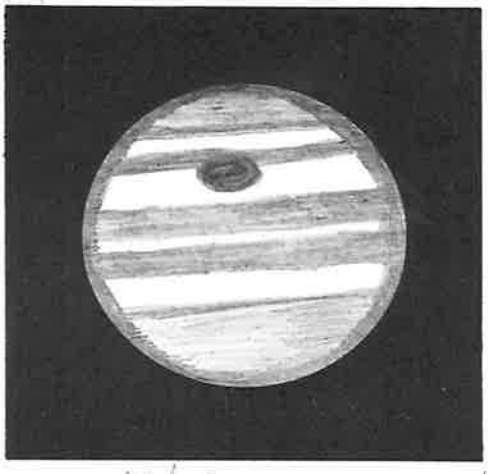
Date : 26/7/1971 Heure T.U.: 20h25'

ω_1= ω_2= Im. 6' C 1-2

Ouv.: 20 Gr.= 180 Filtres: ✓

Remarques:

No. 14



Date : 30/7/1971 Heure T.U.: 19h45'

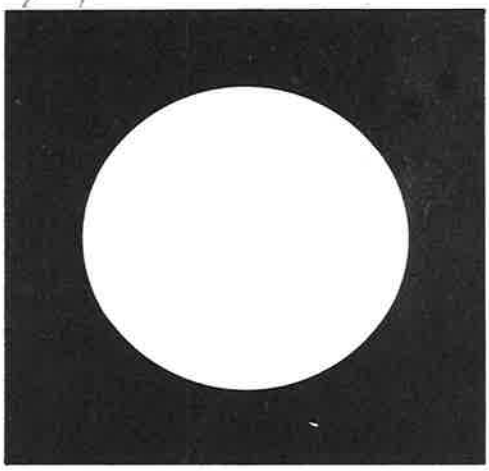
ω_1= ω_2= 17,8° Im. 3-4 C 2-3

Ouv.: 10 Gr.= 128X Filtres: ✓

Remarques:

T-R = M.C.

No. 15



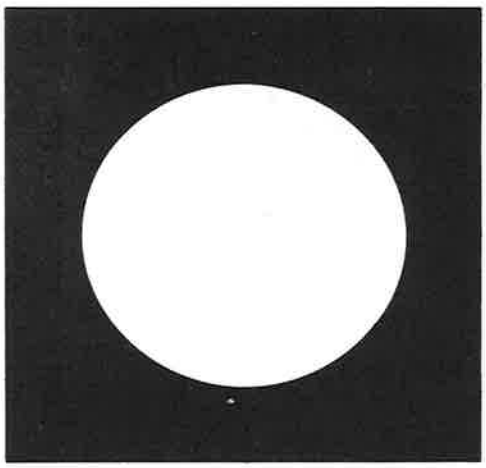
Date : Heure T.U.:

ω_1= ω_2= Im. C

Ouv.: Gr.= Filtres:

Remarques:

No. 16



Date : Heure T.U.:

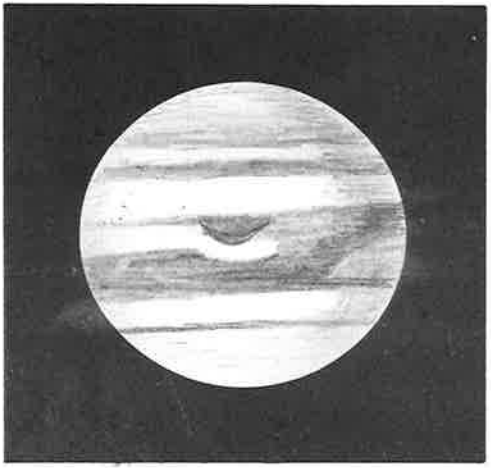
ω_1= ω_2= Im. C

Ouv.: Gr.= Filtres:

Remarques:

Observateur : Lieu: Instr.:

No. 26



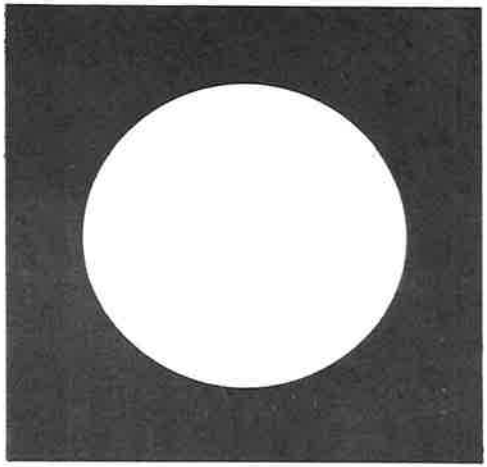
Date : 5_9_71 Heure T.U.: 18,40

ω_1= 66,5° ω_2= 133,1° Im. 4 C 0_1

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

Remarques:

No.



Date : Heure T.U.:

ω_1= ω_2= Im. C

Ouv.: Gr.= Filtres:

Remarques: