

1841

III

						l	h	
β Orionis	27.6	35.3	43.4	52.4	1.1	7	5	$L=7$ 59 35 $b=-0.427$ $F=22$ 57 9 $c=+0.092$ $a=-0.165$ $\log \mu = 49$ $x=+12$ 225
β Tauri	46.5	56.4	5.6	14.7	24.6	16	5	
α Orionis	7.4	16.2	23.9	32.4	40.6	46	5	
Aug. 8 β Ulysses	1.4	33.2	3.5	35.1	7.7	32	14	Azim. - 2.0
	27.3	38.6		29.3	40.7	31	14	
α Coronae bor.	29.4	38.8	48.1	57.1	6.4	28	15	
α Serpentis			17.4	25.7	34.2	36	15	
α Scorpii	13.4	22.6	31.7	40.9	50.7	19	16	
Jovis L. I	15.8	27.8	36.1				16	
L. II				49.4	57.1	33	16	
α Herouliis	58.4	7.1	15.2	23.4	31.6	7	17	
α Serpentis	7.7	16.6	24.6	33.1	41.7	27	17	
Saturni Cent.	1.3	10.2	19.0	28.0 37.1		46	17	*filum laterale
	18	21	24	29	28		18	
α Ulysses	54.0	14.6	28.5	46.3	9.0		18	
	20	21		29	26			
	49.5	76.3		20.0	11.2		18	
α Lyrae	3.7	14.7	24.6	35.1	46.1	31	18	

						N	P	F	B		
55.50.44	46	46	48	15.3	17.9	61.38	27.527	+16.3	+15.0		
19.0.34	33	36	38	15.9	17.3	61.20	27.529	+16.3	+15.3		
40.5.44	42	44	47	15.2	17.6	61.18	27.533	+16.4	+15.9		
332.40.59	64	64	64	14.9	16.1	61.55	27.466	+17.7	+19.7		
20.13.24	25	25	29	15.1	16.0	61.23	27.465	+17.7	+18.9		F 61.54 S 16.1 N 14.6
40.32.30	30	31	34	14.2	16.7	61.46	27.464	+17.7	+18.7		
75.30.34	34	36	36	15.2	16.0	61.21	27.463	+17.6	+17.8		
68.57.12	12	11	16	14.8	16.5	61.43	27.463	+17.7	+17.5		Limb. aufser.
32.53.42	46	43	46	15.1	16.1	61.22	27.467	+17.6	+17.0		F 61.41 S 16.3 N 14.9
34.47.23	26	23	28	15.1	16.0	61.26	27.474	+17.6	+16.9		
69.54.14	14	15	16	15.0	16.1	61.30	27.474	+17.6	+16.7		Centrum.
	56	56	55	58	15.2	16.1	61.31				
20.56.46	50	52	54	14.0	16.0	61.32					16. 52
	48	54	54	55	15.0	16.0	61.28				18. 54
	55	56	55	58	15.2	16.1	61.26				21. 11
	50	52	54	55	15.2	16.0	61.29				25. 49
8.50.18	16	16	20	15.1	16.1	61.30	27.470	+17.9	+15.8		

F 61.44 S 17.0 N 15.0

	49	50	51	52	1	12	
<i>B. laevis</i>	58.7	31.1	3.2	33.7	5.1	2	<i>Arxim. aefim. - t. 8 (male visum)</i>
	50 25.5	372		273	39.0	2	+14.3 -21.2 S= 7 58.20
<i>α Bergei</i>	26.4	39.4	51.2	3.9	17.3	13	14.6 21.7 F= 22 46.58
<i>α Tauri</i>	21.3	29.8	38.6	47.1	56.1	26	4
<i>α Aurigae</i>	24.6	36.7	48.1	59.6	11.6	5	5
<i>β Orionis</i>	26.7	35.5	43.6	51.6	0.5	7	5
<i>β Tauri</i>	46.5	55.7	5.3	14.6	23.8	16	5
<i>α Orionis</i>	7.3	19.6	23.6	31.9	40.6	46	5
Aug. 9 <i>α laevis</i>		57 34.3	2 34.0	7 36.3	12 46.3	13 ^h	<i>Observatio mala sereno nubec facta, stellae nimirum iniqui- eta et tremulans.</i>
	56 38.0	58 32.0		6 45.2	8 31.5		
<i>α Virginis</i>	22.6	31.3	39.6	47.6	56.6	16	13
<i>B. laevis</i>	58.4	32.3	3.3	34.3	6.8	52	14
	37.2	38.4		28.4	40.4	51	
<i>α Scorpii</i>	12.4	22.4	31.4	40.3	49.7	19	16
<i>Joviod. I</i>	19.9	28.8	37.9				
<i>L. II</i>				48.7	58.6	33	16
<i>Saturnid. I</i>	51.7	0.8	8.8				
<i>L. II</i>				18.7	28.2	46	17

	N	P	F	B	L	e	
502.18.42	45	43	48	15.1	17.1	61.43	27.456 +16.6 +13.6
358.11.26	30	31	39	15.1	17.1	61.37	27.457 +16.6 +14.1
31.17. 8	8	5	12	15.1	17.0	61.23	27.466 +16.8 +15.5 F61.24 S17.0 N15.2
55.50.45	45	43	48	15.7	16.7	61.20	27.468 +17.0 +16.4
19.0.34	32	32	37	15.7	16.4	61.19	+16.7
40.5.44	44	43	47	15.0	17.1	61.42	27.473 +17.1 +17.7 F61.39 S17.1 N15.0
	24	25	26	26	14.2	14.5	61.39 27.407 +19.3 +23.3 F61.25 S14.6 N14.1
319.54.34	30	32	33	14.6	14.2	61.18	53. 15
	27	26	27	28	13.2	14.7	61.42 57. 0
	23	25	26	26	14.6	13.9	61.29 7. 36
	32	30	34	34	14.8	13.7	61.19 12. 45
57.47.33	33	34	36	14.1	14.0	61.43	+23.2
332.40.59	60	63	64	15.0	13.3	61.36	27.390 +19.3 +22.3
73.30.28	40	38	42	13.4	15.0	61.40	27.393 +19.4 +19.7
68.58. 2	3	3	6	14.8	13.9	61.11	27.390 +19.4 +19.3 Limb. bor.
69.54.22	24	24	28	14.5	14.6	61.40	27.400 +19.0 +18.5 Centr.

Maf. min.	—	21	22	23	24	25	26
	17.5	27.0	44.5	9.3			
	20	21	—	19.5	11.3		
	41.0	47.3					

α Lyrae 3.7 17.5 23.8 34.5 45.6 51 15

β Maf. min.	49	57.3	29.6	1.4	31.7	52	3.7	52	2
inf.		24.3	36.0	—	26.2	37.6	51	2	

Azim. aequim. — 7.8 + 14.1 — 21.1
 14.6. 20.4
 S 6 33 55
 P = 21° 17' 51"

α Bergei 25.6 38.4 50.7 3.3 16.5 13 3

α Tauri 20.7 29.6 37.7 46.3 55.2 26 4

α Aurigae 23.7 35.5 47.1 58.8 11.3 5 5

β Orionis 26.2 34.6 42.6 50.7 59.6 6 5

β Tauri 45.6 55.7 4.6 16.6 23.7 16 5

α Orionis 6.6 15.0 22.9 31.6 39.7 46 5

Veneris L. II — 52.7 1.3 9 8 18.9 11 6

Aug. 10 α Coronae 28.4 37.7 46.7 55.8 5.6 28 15

Azim. aequim. — 3.0

α Serpentis 59.6 8.3 16.3 24.6 32.9 36 15

α Scorpü 12.6 — 30.4 39.6 48.9 19 16

Jovis L. I 21.3 30.8 39.1

L. II 50.8 59.8 33 16

α Herculis 57.7 6.1 14.1 22.6 31.6 7 17

Ortus est turbo vehementer et tempestas minima
 vit, hacque ex cause attentiones observati
 liones impeditee sunt.

N P F B L e

51 55 59 37 19.1 14.0 61.41

20.92.14 56 54 56 19.0 14.4 61.20

56 59 56 57 19.1 14.6 61.22

28.50.14 14 19 18 19.2 14.1 61.10 27.393 + 18.7 + 19.2

302.18.44 44 42 46 15.1 16.3 61.42 27.400 + 17.4 + 14.5

20. 51

29. 28

Sam. ex iradentione mul.
 Noo errores comisit.
 50' 56" S 61.59 S 16.3 N 15.0

358.11.30 28 30 34 15.1 16.2 61.24 27.400 + 17.4 + 15.1

31.17. 9 10 10 12 14.5 16.9 61.40 27.401 + 17.5 + 16.4

S 61.25 S 16.3 N 15.0

55.50.45 44 44 48 15.0 16.2 61.23 27.412 + 17.7 + 17.4

19.0.34 32 31 34 15.1 16.1 61.13 + 17.6

40.5.46 44 41 48 14.7 16.5 61.25 27.420 + 17.7 + 18.3

S 61.07 S 15.7 N 15.3

26.38.26 28 29 28 15.1 16.0 61.20 27.417 + 17.8 + 19.0

Centr.

20.19.24 24 23 28 13.7 14.5 61.25 27.318 + 18.5 + 24.0

40.32.26 30 28 32 15.0 14.6 61.00 + 23.8

73.50.38 40 38 42 14.1 13.0 61.08 27.324 + 19.7 + 23.1

68.57.46 48 45 50 14.1 13.0 61.31 27.327 + 19.8 + 23.1

limb. aufer.

32.53.45 45 41 46 14.2 13.0 61.21 27.327 + 20.0 + 22.7

Star	49	50	51	52	53	54	55	56	57	58	59	60	
Aug. 13 β Urf. min	57.1	50.3	1.6	4.1	52	2 ^h	Azim. aefim. - 1.75 (Signum tremulans)						
	24.0	36.0		26.1	36.6	52	+16.2 - 22.7 $\Delta = 6^h 45' 30''$						
α Bersei	25.4	38.1	50.4	3.4	16.5	13	3	14.9 24.0 $\Delta = 21 14 39$					
α Tauri	20.7	29.7	37.6	46.2	54.9	26	4						
α Aurigae	24.0	35.7	43.4	59.0	10.9	5	5						
β Orionis	26.4	34.6	42.4	51.2	59.6	6	5						
β Tauri	45.5	55.1	4.3	13.7	23.5	16	5						
α Orionis	6.4	14.7	22.7	31.3	39.6	46	5						
Veneris II	-	-	-	19.4	28.6	29	6						
Sirius	-	48.6	56.6	5.7	14.3	38	6						
θ α Urf. min	-	57	2	7	12								
	36.5	32.3	-	42.0	34.7	13							
α Virginis	21.7	30.3	38.6	46.7	-	16	13						
α Bootis	-	-	15.3	22.6	31.6	8	14						
β Urf. min	59.3	32.1	2.0	33.5	6.3	52	14	Azim. - 2.2 + 14.8 - 21.0					
	26.2	37.4	-	27.6	39.3	51	14.3 21.1						
α Coronae	28.6	37.7	46.6	55.8	5.6	28	15						
α Serpent	59.4	8.0	16.1	24.6	32.6	26	15						

N	P	F	M	L	e						
302.18.46	45	44	48	15.0	19.0	61.50	27.526	+15.6	+10.9	F 61.45. P 18.4. N 15.1	
348.11.26	28	26	32	15.5	18.7	61.40	27.530	+15.7	+11.6		
31.17.7	5	7	11	15.1	19.0	61.30	27.544	+15.4	+12.4	F 61.24. P 18.3. N 15.2	
										F 61.24. P 18.5. N 15.4	
55.50.46	46	44	48	15.3	18.1	61.22	27.530	+15.6	+13.7		
19.0.32	32	32	34	16.0	17.9	61.11					
40.5.44	44	43	46	15.0	18.6	61.31	27.553	+15.7	+14.6		
26.32.26	25	24	30	15.1	18.0	61.20	27.562	+16.1	+15.2	Centr.	
63.57.1	3	3	3	16.1	17.1	60.99			+15.3		
	27	29	28	30	15.7	15.7	61.18	27.552	+17.2	+18.6	
315.57.31	25	30	32	16.0	15.0	60.99				56. 53	
	28	29	33	32	15.9	15.1	61.10			0. 39	
	30	28	27	32	15.6	15.6	61.18			7. 16	
57.47.30	30	32	33	15.6	15.9	61.08	27.557	+17.6	+19.1		
										F 61.25. P 16.1. N 15.1	
332.40.54	56	55	58	16.0	15.1	61.10	27.549	+17.6	+19.0	F 61.11. P 15.2. N 15.8	
20.13.24	22	24	25	15.3	15.9	61.10					
40.32.26	24	24	30	15.0	16.4	61.39	27.550	+17.6	+18.3		

Jovis L.I	39.3	46.7	56.4						
L.II				8.6	17.6	34	16		
Herculis	57.1	5.6	17.8	22.0	31.0	7	17		
Saturni Cent.	12.5	20.5	30.0	39.1	48.2	45	17		
Mars minor	18	21	27	29	24				
	52.0	11.0	25.0	43.5	6.9				
	20	21		29	26				
	46.5	36.3		17.0	9.0				

Lycæ				24.1	44.4	31	18		
Betaf. min.	56.5	28.6	0.7		2.9	52	2		
	23.5	34.7		25.4	36.3	51			
Bersei	25.4	38.5	50.3	3.3	16.5	13	3		
Tauri	20.4		37.6	46.4		26	4		
Alarigæ	23.6	35.7	47.0	59.1	11.1	5	5		
Borionis	26.3	34.5	42.7	50.7	59.6	6	5		
Tauri	45.4	54.7	3.3	13.6	22.8	16	5		
Bimis	6.3	14.4	22.3	31.0	39.6	46	5		
Betaf. min.	N u b e s			5.4		14			
Betaf. minoris	57.5	29.8	0.9	31.7	3.8	52	2		
	24.1	35.8		26.0	37.0	51			

Azim. asc. - 2.0 + 14.7 - 22.9
15.9 22.2

68.59.36	38	37	40	15.4	16.1	61.13	27.554	+17.3	+16.3		
72.53.44	45	45	46	15.0	16.3	61.31	27.533	+17.3	+16.3		
69.54.50	52	53	56	15.1	16.2	61.31	27.559	+17.2	+16.1	Centr. F 61.20. S 16.0. N 15.6	
	54	56	59	15.7	16.8	61.33					
720.53.54	54	54	58	15.1	17.0	61.49				21. 11	
	54	56	58	15.7	16.5	61.38				25. 43	
202.18.46	44	45	46	15.2	17.9	61.52	27.581	+16.2	+12.3		F 61.40 S 17.1 N 15.6
358.11.26	26	30	32	15.1	17.9	61.49	27.584	+16.2	+12.7		
31.17.6	6	9	10	16.0	17.3	61.15	27.598	+16.1	+13.1		
											F 61.10 S 17.2 N 16.1
55.50.42	42	42	46	15.9	17.5	61.20	27.601	+16.2	+14.3		lampas male
19.0.33	31	31	36	15.2	17.7	61.30			+14.5		
40.5.44	42	41	45	15.7	17.5	61.19	27.600	+16.2	+15.3		F 61.33 S 17.7 N 15.2
332.40.50	56	58	59	16.0	14.3	61.05	27.514	+18.2	+20.8	52. 33	
202.18.42	44	44	44	15.0	16.5	61.64	27.543	+17.3	+14.1		F 61.51 S 15.5 N 15.5

Limb bor.

						1	2	
α Lyrae	57.7	8.5	18.4	28.9	40.0	31	18	
γ Aquilae	11.6	20.1	28.5	36.5	45.1	38	19	+13.5 - 21.2 13.1 21.0
β Aquilae	0.7	8.5	16.6	24.6	33.4	47	19	
α Cygni	23.7	35.6	47.0	58.4	10.5	36	20	continuacionem observationum impederant nubes.
Veneris L. II			18.6	28.6	37.7	38	7	Azim. aestim. - 3.0
Sept. 2 Martis Cent.	7.0	17.4	25.9	34.6	43.3	38	15	
α Scorpii	7.6	16.7	25.8	34.7	44.3	19	16	Azim. - 3.0 bene visum.
Jovis L. I	45.8	54.9						
L. II			5.4	14.6	23.6	38	16	
α Mercurii	52.3	0.6	9.3	17.6	26.6	7	17	
α Ophiuchi	1.9	10.4	18.4	27.0	35.9	27	17	
Saturni Cent.	11.3	20.2	29.1	38.0	47.3	44	17	
Mars. min.	39.3	49.0	14.0	32.3	57.0			
	20	21		25	25			
	34.3	24.3		6.0	56.5			
α Lyrae	57.6	8.2	18.6	29.0	39.8	31	18	
γ Aquilae	11.0	19.6	27.6	36.0	44.6	38	19	
α Aquilae	31.0	39.6	47.5	55.5	3.9	43	19	
β Aquilae	59.6	8.3	16.0	24.5	32.9	47	19	

						N	P	F	b	l	e	
8.50	7	8	10	10	17.5	12.0	61.00	27.444	+18.7	+17.5		
37.14.5	12	10	13	17.0	13.0	61.11						
41.26.59	2	2	2	17.1	12.9	61.00	27.446	+18.6	+17.2			
2.45.37	39	40	38	16.8	13.1	61.22	27.452	+18.7	+17.4			
27.59.34	39	42	44	18.1	12.4	60.78	27.464	+18.2	+17.7			
68.39.53	57	57	60	17.7	11.5	60.92	27.436	+19.3	+20.5	Centr.		
73.30.32	39	34	34	17.2	11.6	61.01	27.436	+19.3	+20.1			
69.11.0	5	4	5	17.5	11.5	60.93	27.433	+19.3	+19.8	limb. austr.		
32.53.35	40	38	42	17.0	12.2	61.10	27.435	+19.3	+19.2			
34.47.19	21	19	24	17.6	11.5	60.90		+18.7				
69.57.37	40	39	40	17.8	11.2	60.80	27.442	+19.2	+18.8	Centr.		
20.57.45	50	50	50	18.1	11.2	60.85				18. 29		
44.47	45	48	18.1	11.0	60.91					20. 29		
46.50	50	49	18.0	11.2	60.90					25. 25		
5.50	7	8	9	17.5	11.9	61.00	27.446	+19.1	+17.9			
37.14.5	9	6	12	18.0	12.0	60.91						
39.0.46	46	46	50	18.0	11.7	60.90						
26.2	4	3	6	18.0	11.8	61.00	27.458	+18.7	+17.4			

						l	k
α Cygni	29.9	35.2	46.9	58.0	10.0	36	20
α Cephei	58.1	15.5	32.6	49.9	8.1	19	21
β Cephei	33.9	44.0	21.2	45.1	10.0	27	21
	9.2	17.7	25.6	34.2	42.7	59	
α Canis mj.	35.5	42.8	52.2	0.7	9.6	38	6
α Canis min.	29.7	34.7	42.5	50.6	59.6	30	7
Veneris II	47.9	56.2	4.7	19.7	22.6	3	8
Septemb. 3 ^a Ulf. minor	21.0	41.6	44.5	36.0	55.5		
	52	57	2	7	12		
	56	58			8		
	39.0	30.5			35.5		
		(40.5)					
Martio Cent.	47.6	56.4	4.8	19.9	29.0	41	15
α Scorpii	6.6	15.9	24.8	34.6	43.6	19	16
α Ophiuchi	1.7	9.6	17.4	26.5	35.0	27	17
Salurni Cent	11.8	20.9	29.7	38.4	47.3	44	17
Ulf. min.			19.5	30.3	54.5		
				25	29		
			5.5	56.0			
α Lynce	56.8	7.5	17.5	28.6	39.2	31	18

Balladem non vidi, forse in viciniam lunae

						W	P	F	B	L	e
2.45.31	34	34	36	18.0	12.0	60.96	27.466	+18.6	+16.6		
3.45.38.53	56	55	58	18.0	12.1	60.96					
3.57.37.8	7	5	7	18.0	12.0	60.99	27.472	+18.6	+16.0		
38° 33'						60.82					
63.57.0	1	59	4	17.7	13.0	61.00	27.476	+17.3	+16.2		
41.50.20	20	18	24	18.5	12.2	60.80	27.476	+18.1	+16.9		
28.3.14	17	17	22	17.6	13.0	60.90	27.476	+18.3	+17.5		Centrum.
31	34	36	36	17.5	11.5	61.07	27.440	+19.6	+21.9		
315.57.42	42	43	46	16.9	12.0	61.17				52.	52
33	35	40	40	17.9	12.0	61.00				57.	26
30	34	36	35	17.7	11.4	61.00				7.	52
30	36	36	38	18.2	11.0	60.80				12.	45
64.48.54	56	56	60	17.2	11.7	60.86	27.416	+19.6	+21.1	Centr.	F 60.73 S 11.0 N 18.0
73.30.22	31	33	35	17.2	11.5	61.00	27.416	+19.6	+20.0		F 60.88 S 16.2 N 17.3
4.47.18	20	19	24	17.4	11.2	60.91	27.417	+19.3	+19.0		
69.57.45	47	46	50	17.2	11.7	60.99	27.417	+19.3	+18.7		Centr.
320.55.46	51	51	52	17.3	11.7	61.12					Merid.
49	50	46	52	17.3	11.7	61.12				25.	30
3.50.6	6	8	10	17.2	11.2	60.92	27.420	+19.2	+18.2		

γ Aquilae 10.6 19.0 27.3 35.6 44.3 38 19 +10.7 -21.7 $P = 11^h 15' 15''$
 α Aquilae 30.3 38.0 47.0 55.1 3.4 43 19 $H = 8$ $S = 22$ 7 20
 β Aquilae 59.2 7.5 15.6 23.6 32.4 47 19
 α Cygni 22.5 34.6 43.6 51.4 9.0 36 20
 α Cephei 57.3 14.7 31.9 49.5 7.6 15 21
 β Cephei 32.4 57.5 20.6 44.1 9.1 27 21
 α Aquarii 6.3 14.7 22.4 30.6 39.2 57 21 *Trano ruber*
 46.4 54.7 4.2 11.1 18.9 33 22
 Balladis β 46.5 54.0 2.6 10.6 19.6 37 22 *planeta vix conspicit.*
 μ min. 16 20 23 25
 25.5 48.3 5.5 17.5 — β *Stella nimis pallida et vix conspicuabilis*
 — 21 25
 15.0 — — 44.0

α Can. maj. 34.4 43.6 51.6 0.6 9.4 38 6
 α Gemin. seq. 51.4 1.3 10.7 20.6 30.6 24 7
 α Can. minor. 25.7 34.4 42.1 50.0 58.6 30 7
 β Geminor. 0.3 9.6 18.6 28.0 37.7 35 7
 Veneris α 32.7 41.8 49.5 58.6 7.6 8 8
 Septemb. μ min. — — 49.5 49.6 0.0
 4 — — — 48.5 42.5
Stella nimis parva pallida et inquieta.

	N	P	F	B	L	e		
27.14.10	12	9	11	17.1	12.0	60.99		
29.0.42	42	44	48	17.2	12.0	61.00		
41.27.0	2	4	6	17.6	11.5	60.99	27.423	+19.0 +17.9
2.45.52	52	54	55	18.0	12.0	60.92	27.426	+19.0 +17.3
345.50.52	52	55	57	18.0	12.0	60.99		
597.57.7	7	6	8	17.7	12.0	61.10	27.418	+18.66 +16.7
48.32.58	54	52	54	18.5	11.6	61.00		
44.56.11	12	14	16	18.3	12.3	61.02	27.415	+18.33 +15.3
30	32	34	34	17.6	12.6	61.17		
314.5.32	34	34	34	17.7	12.5	61.00		18. 45
32	33	33	33	17.6	12.6	61.17		21. 8
63.56.57	58	58	58	18.2	12.0	60.70	27.414	+18.3 +16.6 $F_{60.98} S_{12.2} N_{17.9}$
15.14.47	48	47	50	17.2	13.0	61.11	27.410	+18.5 +17.5 $F_{60.91} S_{12.1} N_{18.0}$
41.50.18	19	19	22	17.6	12.2	60.99		
19.4.16	19	20	22	17.0	13.0	61.15	27.414	+18.5 +17.3
28.13.20	23	26	28	17.2	12.2	60.92	27.413	+18.66 +18.5 <i>Cent.</i>
26	29	27	30	18.5	9.1	60.65		
15.57.22	26	29	30	18.2	9.9	60.58	27.367	+20.3 +22.9 59. 38
24	28	28	32	18.6	9.2	60.62		6. 48

	1	2	3	4	5	6	7	8	9	10
Maas. Pal	27.4	36.4	44.8	54.0	3.5	44	15	Azim. - 3.0		
Scorpi	6.3	15.4	24.7	33.6	43.1	19	16	+12.1 - 18.9		
Jovis L.1	26.7	35.7	43.2				16	+11.1 - 19.2		
L. II				54.8	4.6	39	16			
Herculis	51.7	59.5	8.0	16.6	25.6	7	17			
Ophiuchi	0.6	9.3	17.4	25.6	34.6	27	17			
Saturni Pal	17.1	22.7	30.4	39.1	48.5	44	17			
Mercurii	38.5	58.5	12.5	29.0	52.0					
	20	21			25					
	32.0	22.7			54.5					

Lynce	56.6	6.9	17.1	27.5	38.5	51	18			
Aquile	18.1	18.5	26.6	35.0	43.6	46	19			
Aquile	29.4	38.3	46.2	54.4	3.0	43	19			
Aquile	58.6	6.7	14.6	23.0	31.6	47	19			
Cygni	22.0	34.1	45.0	56.5	8.6	36	20			
Aquarii	5.6	12.9	22.0	30.5	38.5	57	21			
Bellad	29.7	38.0	46.2	54.5	3.0	37	22			
	18.1	26.0	18.1	26.0	33.3	37	22			

	N	P	F	B	L	2				
68.57.45	48	46	52	16.9	11.0	60.80	27.333	+20.25	+21.5	Centr. F 60.60 S 11.0 N 16.8
73.30.30	30	30	34	18.0	9.5	60.68	27.330	+20.2	+20.7	
69.12.19	14	14	18	17.5	10.1	60.92	27.330	+20.2	+20.3	
32.55.36	39	33	40	17.2	10.0	60.70	27.329	+20.3	+19.5	
34.47.19	20	21	24	17.5	10.0	60.92			+19.0	F 60.81 S 9.9 N 17.5
69.57.58	58	58	60	17.4	10.0	60.91	27.326	+20.2	+18.7	Centr.
	46	48	44	18.2	9.5	60.90				Merid)
320.53.44	47	44	46	18.0	9.9	60.97			18.	39
	44	46	47	18.2	9.7	60.94			20.	52
	46	48	46	18.3	9.5	60.92			25.	29
8.50.6	8	8	10	18.0	9.9	60.90	27.327	+19.8	+19.0	
37.14.11	10	9	12	17.7	10.9	60.91				F 60.94 S 10.0 N 18.1
39.0.40	42	40	45	18.0	10.0	60.93				
41.27.1	3	3	4	18.0	10.0	61.00	27.331	+19.66	+17.5	
2.45.32	31	34	36	18.0	10.8	60.92	27.331	+19.2	+17.2	
45.32.50	54	52	53	18.9	10.1	60.79	27.336	+19.2	+18.9	
44.46.33	36	38	40	18.0	11.5	60.93	27.333	+19.3	+16.5	

Septemb. 8 *Staf. min.* ¹⁸ 34.0 ²⁰ 54.5 ²³ 8.0 ²⁵ 26.0 ²⁷ 51.5
 — ²¹ 19.0 — ²⁴ 2.0 ²⁶ 54.0

1 h

$S = 22 \ 2 \ 7 + 15.5 - 22.2 \ Azim = 5.0$
 $L = 10 \ 50 \ 21 + 14.6 - 21.7$

Lyrae 57.0 7.5 18.0 28.5 39.5 51 18
γ Aquilae 11.0 19.5 27.4 35.7 44.5 38 19
α Aquilae — — — 49.7 4.2 43 19
β Aquilae 59.0 7.5 15.4 23.8 32.5 47 19
α Cephei 57.5 15.0 32.3 49.5 7.4 15 21
β Cephei 33.2 57.5 20.4 44.7 9.0 27 21
α Aquarii 6.5 15.1 23.7 31.5 39.8 57 21
Calladio 30.6 38.6 46.6 54.7 3.7 34 22
 Septemb. 9 *Staf. min.* ¹⁸ 31.0 ²⁰ 54.5 ²³ 8.3 ²⁵ 26.8 ²⁷ 49.5
 — ²¹ 28.5 ²⁴ 19.0 — ²⁶ 0.0 ²⁸ 52.0 18

Lyrae 57.5 8.3 18.3 29.1 39.1 51 18
γ Aquilae 11.0 19.4 28.2 36.3 44.6 38 19
α — 41.3 39.5 47.5 56.1 4.5 43 19
β — 59.6 8.5 16.3 24.6 33.3 47 19

N P F B L e

40 45 44 46 19.0 12.0 60.78
 32.5 38 46 41 44 18.8 13.0 60.88 18. 40
 40 44 42 46 19.2 12.8 60.80 20. 54
 42 44 50 50 19.0 12.0 60.80 25. 10
 8.50.5 7 10 10 19.0 12.0 61.00 27.490 +17.1 +15.2
 37.14.4 4 7 10 19.1 13.0 61.00
 41.26.58 56 57 60 20.0 13.0 60.78 27.497 +16.6 +14.3
 34.5.33.46.48 50 52 20.0 13.0 60.80 27.510 +16.4 +14.6
 33.7.37.0 0 2 2 19.8 13.0 60.94
 48.32.52.56 52 54 19.0 13.9 60.99 27.503 +16.3 +14.4
 49.37.36.36 36 39 19.0 13.6 61.00 27.511 +16.3 +14.5
 46 48 45 48 19.0 12.5 61.10
 320.43.39 46 44 44 18.1 13.5 61.28 Merid 18. 38
 42 46 45 46 19.0 13.3 61.25 21. 10
 46 48 46 48 19.0 12.9 61.20 25. 0
 8.50.4 4 5 6 19.0 13.0 61.09 27.641 +17.0 +14.1
 27.14.2 2 4 6 19.5 13.0 61.10
 39.0.36.37 38 42 19.7 13.0 61.11
 126.56 58 54 60 20.0 13.0 61.19 27.674 +16.6 +12.7

	1	h					
α Pygni	29.4	45.2	46.3	47.9	9.7	26	20
α Lephei	57.9	15.6	32.5	49.6	7.9	15	21
β Lephei	55.3	47.5	20.6	44.5	9.6	27	21
γ Aquarii	7.4	15.6	24.1	32.1	40.5	57	21

$T = 11^h 11' 53''$
 $S = 22 \quad 27 \quad 40$

Ballas	46.5	45.7	49.1	10.7	20.7	57	22
Sept. 9 δ Mus. min.	-	40.0					
11 α Mus. min.	-	-	58.5	57.0	14.5		
				6.0	55.0		

Stella vix visibilis, observatio dubia
 Azim. alt. sim. - 5.0

15 Jovis L. I 9.8 18.3 26.2
 L. II

α Herculis	56.6	4.7	12.9	21.6	30.5	7	17
β Antikehi	6.4	14.5	22.5	30.6	39.5	27	17
δ Mus. min.	22.5	54.0	6.5	25.5	48.0		
	28.2	17.5		57.5	50.0		

planeta vix visus Azim. - 7.5

α Lyrae	1.5	12.0	21.9	32.6	43.7	31	18
γ Aquilae	15.5	24.1	32.0	40.5	48.8	38	19

	N	P	F	R	L	e	
2.45.30	30	34	39	19.5	13.9	60.99	27.667 +16.3 +12.1
345.55.52	55	56	56	19.0	14.5	61.10	
377.37.0	1	4	4	18.5	14.9	61.20	27.664 +16.3 +11.9
48.22.50	52	50	50	19.0	14.5	61.00	27.665 +16.3 +12.4
49.50.20	22	20	22	18.9	14.8	61.10	27.664 +16.3 +11.8
	34	37	38	18.1	14.9	61.23	27.694 +16.6 +15.6
315.57.40	40	40	40	18.0	14.8	61.28	59. 14
36.29	40	40	40	18.8	14.2	61.10	5. 22
40.40	40	42	42	18.9	15.8	61.07	7. 57
41.43	43	42	42	20.2	13.0	60.82	11. 27
69.23.26	27	25	24	18.2	15.0	61.22	27.546 +16.5 +16.8
32.53.36	37	36	40	18.0	15.0	61.25	+16.4
34.47.19	20	21	23	18.2	14.8	61.23	
48.50	50	51	19.2	13.7	61.22		
320.56.45	46	46	47	19.0	14.2	61.22	18. 32
48.50	48	50	19.0	14.2	61.30		
48.50	48	50	19.0	13.8	61.30		
5.50.6	8	8	8	19.0	14.3	62.20	27.560 +16.1 +14.7
27.14.5	8	6	8	18.7	14.9	61.22	

F 61.20. S 14.8. N 18.1

F 61.24. S 15.0. N 18.8

Limbauser.

	1	2	3	4	5	6	7	8	9	10
α Aquilae	35.3	43.7	51.6	59.6	67.5	75.4	83.3	91.2	99.1	107.0
γ Aquilae	4.2	12.1	20.2	28.5	37.5	47	57	67	77	87
α Cygni	27.5	39.0	50.4	61.7	72.6	83	94	105	116	127
Die 17. Jovis L. 1.	9.8	18.5	27.8							
L. 2				39.2	47.7	56.4	65.1	73.8	82.5	91.2
Ulf. min.	18	20	25	25	27	29	31	33	35	37
	51.0	50.5	6.0	25.0	46.7	18				
	20	21		24	25					
	56.5	14.5		58.0	49.0	18				
α Lynce	2.6	15.7	29.6	44.1	58.8	73.1	87.4	101.7	116.0	130.3
γ Aquilae	17.1	25.5	33.4	42.0	50.7	58.1	66.4	74.7	83.0	91.3
α —	36.7	45.0	53.0	61.6	70.3	78.9	87.6	96.3	105.0	113.7
β —	5.6	15.5	21.7	30.0	38.6	47.1	55.7	64.3	72.9	81.5
α Cygni	28.6	40.5	51.6	62.7	73.7	84.7	95.7	106.7	117.7	128.7
α Cephei	2.6	17.5	37.5	54.8	72.2	89.5	106.9	124.2	141.6	158.9
β Cephei	38.4	2.5	25.7	49.5	74.1	98.7	123.3	147.9	172.5	197.1
α Aquarii	15.5	21.5	29.6	37.5	46.1	54.7	63.3	71.9	80.5	89.1
Ulf. min.	5.2									
	56.5									
	57	59								
	24.5	15.5								
	18	20		25	27					
	32.5	53.5		25.0	50.0	18				
	20	21		25	25					
	29.5	19.0		0.0	55.5	18				

$S = 9^h 2' 10'' + 16.0 - 22.7$
 $S = 20 41 17 + 16.2 - 22.5$
 Die 17. Jovis L. 1. 9.8 18.5 27.8
 L. 2
 Ulf. min. 18 20 25 25 27 29 31 33 35 37
 56.5 14.5 — 58.0 49.0 18
 16 Stella vix visa, transfectio autem nullo modo profecto effectuari potuit. Atmosphaera nempe nebulosa erat.
 Azim. $-7.5 + 15.2 - 21.2$ $S = 9^h 37' 30''$
 14.6 21.6 $S = 21 24 37$

	N	P	F	B	e
	39.0	44	42	40	44
	18.0	15.6	61.42		
	11.26	56	58	56	58
	19.0	14.8	61.19	27.538	+15.66 +14.3
	2.45	30	32	34	37
	19.0	14.1	61.10	27.537	+15.66 +15.4
	32.0	53	46	49	46
	20.1	11.8	61.01		
	32.0	55	36	44	42
	19.0	12.5	61.30		
	44	44	46	46	45
	19.5	12.3	61.11		
	44	46	45	46	46
	20.0	12.0	61.01		
	44	46	44	46	46
	20.0	11.5	61.18		
	8.50	7	8	8	10
	19.0	12.2	61.20	27.344	+17.3 +15.7
	37.14	8	10	10	10
	19.0	12.0	61.20		
	39.0	39	42	41	47
	19.4	12.8	61.00		
	41.26	56	0	0	0
	17.1	12.7	61.10	27.345	+17.0 +14.7
	2.45	24	26	32	32
	19.1	13.0	61.20	27.352	+16.66 +14.4
	34.5	33	45	48	52
	19.6	12.8	61.10		
	35.7	56	59	60	62
	19.3	13.0	61.14	27.352	+16.66 +13.5
	48.72	51	52	51	51
	18.3	13.8	61.30	27.352	+16.66 +13.1
	15.57	47	48	45	50
	18.1	17.2	61.23		
	32.0	53	44	48	46
	19.5	15.3	60.88		
	40	46	44	47	47
	19.6	15.2	60.85		
	48	50	48	48	48
	19.8	15.2	60.88		

Meridi
 16. 30 His diebus jam, et praesertim hodie
 18. 31 Aer adeo vaporibus impletus
 20. 26 erat, quod stellae vix viderentur.
 25. 23

$F 61.30 S 15.0 N 19.0$
 $F 60.93 S 42.0 N 20.1$
 $F 61.22 S 15.0 N 19.2$

58. 56
 18. 37
 20. 53
 25. 25

	1	h							
α Lyrae	5.1	15.4	25.5	36.0	47.0	31	18	+17.7	-25.1
γ Aquilae	19.7	28.0	35.9	44.6	52.1	36	19	18.5	-23.7
α —	39.5	47.6	56.2	5.0	13.2	43	19		
β —	8.2	16.4	24.4	33.0	41.3	47	19		
α Cygni	—	—	53.9	5.6	17.4	36	20		
α Can. maj.	—	53.4	1.4	10.1	18.7	38	6		
α Gem. Seq.	1.7	11.3	20.6	30.6	40.3	24	7		
α Can. min.	35.5	43.6	52.0	59.9	8.6	31	7		
β Gem. min.	10.2	18.4	26.6	37.7	47.7	35	7		
Vener. d. II	2.8	11.3	19.6	28.3	36.8	33	9	Omnes Stellae dissipatae	

Vie 25. Septembris in qua signi meridionali in errorem collimationis inquirebatur.
 Circulo ad Orientem observabatur azim. + 0.6, circulo vero ad Occidentem ^{Occidentem} verso
 azim + 0.5 0.3. Circulus dein purgatus ad Occidentem collocabatur.

28. Sept. γ Draconis	27.5	41.3	54.6	7.1	20.6	53	17	Az. - 1.0.	
	18	21	23	25	27				
	38.7	2.7	19.8	34.3	56.6		18		
		21	—	29	29.25		18		
δ Urs. min.	—	28.0	—	10.0	58.5				

					N	S	F	B	L	e	
1.50.	6	8	8	8	17.3	17.1	61.20	27.677	+14.5	+7.7	
27.14.	5	5	5	5	19.0	16.2	60.97				
41.26.	54	58	56	58	19.5	16.9	61.07	27.683	+14.0	+7.0	
45.24	30	32	30	30	18.0	18.5	61.30	27.681	+14.0	+6.8	
53.56.	44	50	46	50	18.1	18.1	61.00	27.647	+13.0	+4.9	
15.14.	46	49	50	50	18.1	18.6	61.10				
1.50.	18	18	20	20	18.0	18.8	61.20				
19.4.	16	20	22	22	18.5	18.5	61.28	27.644	+12.7	+5.0	
22.42.	55	58	61	64	19.3	17.8	60.88	27.644	+13.3	+8.7	F 60.75 S 17.1 N 19.8
1.14	16	20	18	18	16.0	18.1	70.52	27.470	+15.2	+13.1	F 70.52 N 15.8 S 18.5
37	36	38	40	40	17.0	17.1	70.77	27.482	+15.2	+12.2	
9.5.	39	39	39	42	16.8	17.3	70.55				18 15 15. 18
38	37	37	38	38	17.0	17.1	70.60				21. 3
35	36	37	39	39	17.0	17.1	70.76				25. 30
36	36	38	41	41	16.4	17.9	70.76				27. 41

F 70.64 N 17.1 S 18.4

	1	2					
Sept. 29	18	21	25	25	27	18	Azim. - 0.8
Trans. min.	39.7	37.8	20.7	36.3	37.9	18	
	20	21		25	26	18	J. 7 ^h 52' 20" + 18.0 - 22.7
	38.6	30.0	—	11.6	0.4	18	J. 20 26 40" 17.9 22.8
							Posito error collim. = 0. a = +0.1776 = -0.048
							19 ^h 51' x = +1.04 Acc. 1.11
							Fertb. 7 ^h 52' x = +57.91 motus diurnus nullus.
α Lyrae	19.5	24.4	24.8	44.6	55.7	21	
α Capric.	35.6	44.1	52.5			8 20	
α ² Capric.	59.4	8.3	16.6	24.7	32.4	9 20	33.4 ⁶
α Cygni	51.5	51.5	3.0	14.9	25.9	36 20	
Oct. 10. α Aquarii	38.6	46.8	55.1	2.8	41.6	58 21	+ 20.1 - 24.0 19.0 25.1
α Piscis austr.	50.5	0.7	9.8	19.1	28.7	49 22	
α Regae	51.7	0.6	8.9	17.5	26.7	57 22	L = 10 ^h 53' 35"
Uranus centr.	31.6	40.2	48.6	56.7	5.2	30 23	L = 0 12 0
α Androm.	10.6	20.4	29.7	38.8	48.0	0 0	a = +0.326 } Staff. 23 ^h 10' x = +14.158 b = -0.397 } Acc. 0.364
γ Regae	—	13.5	21.8	29.9	38.6	5 0	Fertb. 10 ^h 54' x = +55.88 Acc. 0.182
alt. min. Rub.	58.4	58.4	3' 47.0	45.5	59.5		+ 58' 41" - 47"
alt. min.	57.5	57.5	4.5	7.5	41.6		
Sept. 18. alt. min.	49.0	11.5	22.0			18	Azim. optime visum x 2.0
	—	21	—	—	—	18	
	—	39.5	—	—	—		
Lyrae	29.4	40.6	51.5	1.4	12.2	32 18	trans Rubeo

	N	S	F	B	L	E			
	36	34	35	38	16.3	17.0	70.62		
29.5.	38	35	39	40	16.0	17.4	70.52		
	36	34	37	38	16.1	17.2	70.60		
	36	35	36	38	16.5	17.0	70.63		
	39	35	37	40	16.0	17.7	70.75		
51.9.	12	13	16	16	14.8	19.0	70.30		
							27.490 + 15.5 + 12.3		
29.30.	21	16	19	20	15.8	18.9	70.27		
							27.499 + 16.0 + 12.0		
57.12.	49	51	52	15.9	18.9	70.27	+ 11.6		
11.26.	34	36	37	36	19.6	17.5	70.58	27.491 + 13.7 + 8.5	
2	7	14	16	17	18.8	19.0	70.20	+ 8.0	
6	52	42	42	46	45	21.7	16.0	70.94	27.500 + 12.5
8	22	22	21	23	21	20.8	18.0	70.60	27.502 + 12.0 + 7.7
2	44	8	8	10	10	20.0	18.5	70.59	
5	49	32	34	38	38	20.2	18.9	70.34	27.500 + 11.7 + 7.7
									L 70.43 N 20.3 S 18.9
	33	40	38	38	19.1	18.0	70.55		
1.5.	31	38	37	37	19.0	17.9	70.55	88. 49	
	32	40	38	38	19.0	17.9	70.56	21. 45	
1.9.	11	17	19	18	18.0	19.0	70.30	27.565 + 12.6 + 10.3	

October

Die 1 st Aquarii	48.7	57.2	5.5	15.4	21.7	58	21
18 ³ Aquarii	55.5	4.2	12.5	20.5	28.7	58	21
α Bisc. aufen	17.8	17.6	27.2	36.4	46.1	49	22
α Regasi	9.1	17.5	26.5	34.5	43.0	57	22
Uranifer	50.7	59.6	7.5	15.6	23.7	29	23
α Androm.	27.8	37.5	46.6	56.8	5.6	0	0
γ Regasi	21.6	30.7	39.2	47.5	56.3	5	0
α Cassiopej	38.7	53.8	8.6	22.5	37.4	32	0
α Urf. minor	31.7	52.7	1.0	8	57.7	7.7	
	57.5	59.3		8	5.0	9.5	

α Animalium = $2^{\circ} 26'$ $L. - 24.9 + 21.1$
 $- 26.1 \quad 20.1$
 $- 24.4 + 20.9$
 $25.1 \quad 20.0$
 $L = 23 \quad 41 \quad 30$
 $a = +0.055$ $Seyff. 23^{\circ} 46' x = - 31.381$ $Acc. 2.146$
 $b = -0.295$ $Ferlb. 9^{\circ} 51' x = + 51.46$ $Acc. 0.55$

Ceresia	18.7	27.5	35.7	43.6	52.0	30	1
α Arielis	21.7	41.1	50.0	58.6	7.7	59	1
Vesta	40.0	48.8	56.8	4.8	12.2	6	2
Novemb. α Bisc. aufen	37.8	47.7	56.6	6.2	14.8	50	22
α Regasi	39.7	48.0	55.4	5.1	17.3	58	22
Uranus	48.7	56.2	4.5	12.6	21.7	28	23
α Androm.		7.7	16.7	26.2	35.6	1	0

$a = +0.107$ $Seyff. 23^{\circ} 29' x = - 1^{\circ} 1' 16''$ $Acc. 1.863$
 $b = -0.323$ $Ferlb. 9^{\circ} 20' x = + 44.08$ $Acc. 0.46$
 Meridies $43^{\circ} 23' 59' 16''$
 planeta pallidus & difformis.

	N	P	F	b	v	e			
11.26.29	30	33	31	18.7	20.0	70.02	27.380	+11.6	+6.6
14.26.29	29	31	29	17.1	20.3	69.96	27.380	+12.3	+13.3
17.7.13	9	14	13	18.6	19.0	70.17	27.416	+12.2	+11.6
16.52.40	40	43	42	19.5	18.0	70.42			
8.16.19	17	20	18	19.4	18.1	70.42	27.433	+12.0	+11.1
10.44.4	3	7	7	18.5	19.4	70.15	27.433	+11.9	+10.6
6.49.32	32	36	36	18.9	19.3	70.19			
7.10.49	46	50	51	19.9	18.1	70.50			+9.9
58.55.52	55	56	56	20.3	18.0	70.65	27.449	+11.6	+9.9
60.58.1	3	20.3	17.9	70.53					Meridies
57.53.58	59	19.8	18.7	70.47					53' 5"
55.53.57	58	19.8	18.6	70.45					57 18
56.53.57	58	19.9	18.6	70.50					7 36
58.54.57	59	18.5	19.9	70.20					13 28
6.57.35	34	35	34	19.2	19.1	70.30	27.443	+11.5	+10.2
5.13.48	49	51	49	18.6	20.0	70.04			+9.7
6.0.57	0	58	19.4	19.0	70.30	27.460	+11.3	+9.7	
2.7.25	25	28	26	19.8	19.8	69.64			+4.2
26.52.44	47	46	46	20.2	19.0	70.45	27.926	+11.0	
8.6.56	56	59	60	20.9	18.8	70.55	27.930	+10.7	+3.8
0.44.10	12	10	10	19.4	20.9	70.26			

F. 70.47 N 20.7 S 18.0

F. 70.14 N 18.1 S 19.1

F. 70.42 N 19.1 S 18.8

Stella omnis difformis, coloris tranquilla.

Turbo c. WNW.

F. 70.17 N 18.9 S 19.8.

Pegasi 52.2 0.6 9.0 17.2 26.0 6 0 $F = 9^h 20' 25'' + 21.6 - 26.7$
 $L = 0 13 47 21.9 26.2$
 α Cassiopej 11.0 71.5 32.0 57.5 91.5 + 1
 β Cassiopej 42.0 70.5 — 44.5 54.5 + 1

Novemb. 11
 α Aquarii 40.7 49.6 57.4 5.4 14.0 59 21 $+ 28.0 + 23.3 F = 9^h 23' 0'' a = +0.002$
 $L = 0 48 5 6 = -0.310$
 β Pisc. austr. — 2.5 12.4 21.7 31.5 50 22
 γ Arii 31.4 39.8 47.9 55.8 4.4 28 25 $Scyff. 23^h 30' x = -1' 16'' 716 \text{ accel. } 1,944$
 δ Androm 18.6 25.5 32.4 41.4 51.2 7 0 $Terib. 9^h 23' x = +38,41 \text{ accel. } 0,71$
 γ Pegasi 7.6 16.3 24.5 32.9 41.5 6 0 $Merid. 22^a 23^h 59' 22'' 02$
 α Cassiopej 24.4 39.9 54.0 8.5 29.2 59 0
 β Cassiopej 29.5 41.5 40.7 50.5 4.0 1
 γ Cassiopej 48.0 40.4 — 53.0 45.0

Dec. 2. α Aquarii 58.5 7.0 15.3 23.2 31.6 0 22 $Az. + 4.0 F. 6^h 32' 55'' a = +0.714$
 $L + 24.2 - 28.1 J. 23 21 23 b = -0.298$
 α Pisc. austr. 10.6 20.5 29.8 39.4 48.8 51 22
 β Pegasi 12.1 21.0 29.5 37.6 46.3 59 22 $Scyff. 23^h 12' x = -2' 35'' 156 \text{ accel. } 3,737$
 $Terib. 6 23 x = +0' 23'' 34 \text{ accel. } 0,72$
 α Andr. 71.4 41.2 50.5 59.6 8.9 9 0 $Merid. 32^a 23^h 59' 37'' 18.$
 γ Pegasi 25.4 34.0 42.6 50.6 59.6 7 0

N P B B e e 1 "

6.49.57 78 41 41 19.9 20.1 70.17 27.924 +10.4 +3.6
 26.30 37 32 33 19.1 22.6 69.61 27.476 +9.2 +6.6
 8.5.58 42 42 44 20.5 22.0 69.75 27.472 +8.6 +6.2
 0.44.2 4 9 8 20.7 22.2 69.82
 6.49.51 74 76 76 20.1 22.5 69.58 27.474 +8.6 +5.8
 10.48 50 50 54 20.8 22.0 69.90 27.477 +8.6 +5.6
 57.55 60 59 61 21.1 21.4 70.17
 57 62 64 68 20.2 22.1 69.86 54.29
 58 64 66 66 21.0 21.5 70.09 58.48
 60 60 61 62 20.9 22.0 70.10 9.52
 28.4 5 6 6 21.0 22.1 69.80 27.470 +8.5 +5.5 14.50
 26.29 30 34 31 21.2 20.9 69.81 27.439 +8.3 +7.6
 27.9 8 11 10 21.4 21.0 69.82 27.445 +8.0 +6.4.
 52.58 39 41 41 22.1 20.5 69.80
 44.7 7 10 9 21.7 21.1 69.80
 6.49.51 33 35 35 22.0 21.0 69.89 27.444 +7.8 +5.8

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		55	0	6	41	16			
Dec. 2	α UMi. nym	29.9	55.0	6.0	5.5	21.5		1	
		0			10	12			
		1.0	55.5		10.5	0.5		1	

$$A_2 + 4.0 + 26.0 - 29.3 = 7^h 47' 29''$$

$$25.4 \quad 30.5 \quad 1 \quad 8 \quad 10$$

Dec. 10	α Aquarii	29.2	27.7	45.1	55.3	2.2	1	22	
	α Bisciaupis	41.4	51.9	0.9	10.1	20.0	52	22	
	α Bezae	42.9	51.8	0.3	8.5	16.8	0	23	
	α Androm.	2.6	12.2	21.2	30.5	39.9	3	0	
	γ Bezae		5.4	15.4	22.2	30.5	8	0	
	α UMi. minor	7.5	27.5	31.7	36.0	45.0			
		0	2		10	12			
		32.0	27.0		44.0	36.0			

$$a = +0.858 \quad \text{Lev. } 23^h 12' x = 3' 6'' 170 \text{ accel. } 4'' 502$$

$$b = -0.289 \quad \text{Lev. } 7' 47' x = +23'' 27 \text{ accel. } 0.38$$

Merid. $11^h 23^m 59^s 39.99$

Decemb. 17	α Aquarii	0.1	8.6	16.3	24.7	33.1	1	22	
	α Bisciaupis	10.2	21.8	31.3	40.6	50.2	52	22	
		12.0	22.5	30.6	39.1	47.5	0	27	
21 December	α Bezae	31.4	40.6	48.6	57.1	5.6	1	23	
	α UMi. min.	46.5	5.7	13.7	16.0	51.0			
		1	3	17	11	13			
		12.0	4.0	11.7	19.0	11.0			

					N	P	F	B	L	e	
		9	4	8	8	29.2	19.8	69.86	27.435	+7.5	+5.4*
		1.8	8	11	11	22.0	21.0	69.86			10.55
		7	6	9	10	29.0	20.0	69.86			21.59
		5	5	7	8	29.0	20.5	69.87			50.9
		7	7	10	10	22.2	21.0	69.86			4.14
		26.29	30	33	33	22.0	24.5	69.59	27.256	+5.6	+7.8
		7.14	14	17	16	29.2	22.7	69.96	27.244	+5.6	+1.1
		52.39	42	42	42	24.0	22.7	70.09			
		4.6	9	10	10	23.0	23.5	69.87			
		19.29	32	31	28	24.0	22.6	69.88	27.228	+5.4	+0.8
		5	6	8	9	24.6	22.4	70.11	27.222	+4.7	+0.8
		6.5	10	11	12	24.0	23.0	70.00			56.7
		6	7	8	8	24.1	23.0	70.00			2.27
		4	7	8	9	24.1	23.0	70.01			22.56
		6.31	33	34	34	23.0	25.0	69.85	27.239	+4.2	+0.6
		7.16	16	18	22	23.0	25.1	69.89	27.235	+4.0	+0.4
		52.58	36	40	40	22.3	25.5	69.86			

1842

Janer 3	α Androm	59.7	2.4	12.2	21.6	30.6	5	0	$L=3$	1	57	+30.1	-32.7
	β Androm				22.0	21.6	10	0	$L=8$	4	4.5	28.9	34.6
	γ Androm	4.1	19.7	24.0	46.1	2.9	27	0	$a=+1.150$	$b=-0.279$			
	δ Androm		10.0	14.0	10.0	16.5		1					
	ϵ Androm	5.5	9.0		24.0	17.5		1					
	ζ Androm		6.9	17.4	25.0	22.6	7	2					
	η Androm			4.6	9.6	17.7	59	2					
	θ Androm	40.2	59.2	5.4	17.9	30.6	18	3	Die 23 ^a Jan. $a=+1.488$	$b=-0.279$			
Jan 23	α Cassiop			0.5	15.8	29.7	29	0	$L=6^h 45' 56''$	Seiff. $t^h 22' x = -7' 25'' 82$	Accel. $6' 025$		
	β Cassiop			27.5	28.0	35.0	46.0	1	$L=3$	4	35	Seiff. $6' 46' x = +40'' 54$	Retard. $= 0'' 45$
	γ Cassiop			20.0		46.0	32.0	1				Meridies die 29 ^a Januarii $= 23^h 59' 17.4$	
	δ Cassiop	29.8	24.7	12.7	52.2	1.6	6	2					
Febr 1	α Cassiop			28.4	42.4	57.5	40	0	$L=8^h 56' 45''$	$+30.0$	-35.2		
	β Cassiop	6.0	14.0	24.5	58.5	56.5			$L=5$	52	54	$a=+0.619$	$b=-0.292$
	γ Cassiop			22.0	27.0		46.0	29.5	Die 1 ^a febr. $2^h 46' x = -8' 54'' 363$	Accel. diurn. $9'' 774$			
	δ Cassiop								Seiff. $8^h 57' x = +57'' 40$	Ret. diurna 1.45			
	ϵ Cassiop								Meridies die 2 ^a 23 ^a 59' 7.82.				
	ζ Cassiop	59.5	2.8	11.5	20.4	29.4	7	2					
	η Cassiop		49.0	58.5	5.5	19.8	7	3					
	θ Cassiop	49.5	45.7	1.1	15.5	26.6	22	3					
	ι Cassiop		40.2	48.6	56.5	5.6	36	4					

Die 23^a Jan. $a=+1.488$ $b=-0.279$
 $L=6^h 45' 56''$ Seiff. $t^h 22' x = -7' 25'' 82$ Accel. $6' 025$
 $L=3$ 4 35 Seiff. $6' 46' x = +40'' 54$ Retard. $= 0'' 45$
 24^a Januarii $= 23^h 59' 19.67$
 Meridies die 29^a Januarii $= 23^h 59' 17.4$

$L=8^h 56' 45''$ $+30.0$ -35.2
 $L=5$ 52 54 $a=+0.619$ $b=-0.292$
 Die 1^a febr. $2^h 46' x = -8' 54'' 363$ Accel. diurn. $9'' 774$
 Seiff. $8^h 57' x = +57'' 40$ Ret. diurna 1.45
 Meridies die 2^a 23^a 59' 7.82.

N P F B e

40.44	5	6	7	8	24.0	26.2	69.55			
5.10.56	56	57	57	24.7	26.2	69.63	27.533	+1.4	-6.2	
1.48.18	20	29	29	24.1	27.0	69.62	27.511	+0.7	-7.0	
59.12.48	50	51	54	24.9	27.0	69.44	27.166	+0.7	-9.0	
	5	6	6	8	29.2	29.7	69.21	27.315	+0.3	-2.8
0.58.12	10	12	14	29.9	28.1	69.40			1.6	
	4	7	7	8	29.1	29.7	69.24		6.10	
	4	4	6	6	29.1	28.5	69.30		16.58	
	8	10	12	12	29.1	24.0	69.00		21.56	
59.12.42	49	49	5' 0	29.1	29.0	69.51	27.420	+0.2	-3.6	
5.59.29	28	27	25'	29.9	29.1	69.20	27.408	-0.3	-4.8	
48.18	20	26	26	24.0	29.1	69.41	27.411	-0.4	-4.8	
8.20.16	20	24	24	24.1	29.0	69.40	27.416	-0.6	-4.8	



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