

## XV.

De

Altitudine Speculae astronomicae regiae,  
 quae prope Monachium est, supra mare internum, quam  
 mille quingentis Observationibus a se habitis atque ad  
 calculos revocatis mensus est

CAROLUS FELIX SEYFFER.

Commentatio lecta in Consessu academico Idibus Augusti cfo DCCC VIII.

1807.

*Observationes.*

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.	
Janua- rius.	4	1.	Vesp. 1.	323, 0.	Janua- rius.	♀ 9.	matut. 7.	319, 3.
	♀	2.		323, 6.		♄ 10.		319, 3.
	♄	3.	Matut. 8.	321, 8.	☉	11.	vesp. 1.	320, 0.
			v. 6.	320, 2.			m. 7.	320, 7.
	☉	4.	m. 9.	318, 6.	♄	12.	— 7.	319, 7.
				319, 0.			v. 2.	319, 0.
	♄	5.	— 9.	320, 4.			— 6.	318, 4.
			v. 3.	321, 3.	♂	13.		314, 0.
	♂	6.	m. 9.	322, 5.			m. 11.	314, 9.
	♄	7.	merid. 12.	321, 7.				314, 4.
		v. 11.	321, 1.				313, 5.	
	4	8.	m. 7½.	319, 8.	♄	14.	v. 1.	315, 6.
				320, 3.				316, 8.

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## Observationes.

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.		
Janua- rius.	4 15.	Matut. 10.	318, "" 6.	Janua- rius.	4 29.	Matut. 8.	320, "" 9.		
		Mrd. 12.	319, 0.			— 11.	321, 0.		
	♀ 16.	m.	7½. 313, 1.		Februa- rius.	♀ 30.	m.	8. 317, 0.	
		—	8½. 313, 1.				Mrd. 12.	319, 2.	
	♄ 17.	m.	11. 318, 3.			♄ 31.	—	12.	316, 8.
		v.	10. 316, 7.				☉ 1.	m.	7. 312, 0.
	☉ 18.	Mrd.	12. 314, 4.			Mrd.	12.	313, 6.	
	☾ 19.	m.	8. 314, 4.			☾ 2.	m.	8. 315, 4.	
		v.	9. 314, 2.			Mrd.	12.	315, 1.	
	♂ 20.	m.	9½. 310, 8.			♂ 3.	m.	7. 307, 7.	
	♀ 21.	—	9. 310, 15.			v.	3. 308, 0.		
		—	10. 310, 5.			♀ 4.	m.	9. 312, 7.	
	—	Mrd.	12. 310, 3.			4 5.	v.	4. 311, 8.	
		v.	10. 308, 3.			♀ 6.	m.	9. 311, 7.	
	4 22.	Mrd.	12. 312, 0.			♄ 7.	—	9. 311, 8.	
	♀ 23.	m.	9. 312, 0.			v.	2. 312, 5.		
		Mrd.	12. 312, 5.			☉ 8.	m.	9. 317, 1.	
	♄ 24.	m.	9. 316, 5.			v.	1. 317, 7.		
		Mrd.	12. 317, 2.			—	11. 316, 6.		
	v.	4. 318, 4.	☾ 9.			m.	9. 315, 7.		
m.		9½. 320, 8.		v.		4. 315, 5.			
☉ 25.	v.	11. 321, 6.	m. n.	12. 314, 0.					
	☾ 26.	m.	9¾. 322, 3.	♂ 10.	m.	9. 313, 85.			
v.	4. 321, 9.	♀ 11.	m.	1. 314, 1.					
	♂ 27.		m.	8. 321, 4.	—	4. 314, 9.			
—	Mrd.	12. 321, 1.	—	11. 317, 2.					
	media nocte	12. 320, 5.	♀ 11.	m.	8¾. 317, 4.				
♀ 28.	m.	8. 321, 4.	v.	1. 316, 85.					
	Mrd.	12. 321, 8.	m. n.	12. 318, 9.					
—	v.	4¾. 321, 7.	4 12.	m.	10. 320, 45.				
	—	11. 321, 8.	v.	1. 320, 8.					
			—	10½. 322, 1.					

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.					
Februa- rius.	♀	13.	Matut. 8.	222, 7.	Februa- rius.	♂	26.	Matut. 2.	316, 0.			
			Vesp. 11.	321, 0.					— 10.	315, 9.		
	♄	14.	m.	7.		321, 0.			— 11.	315, 9.		
			v.	4.		322, 4.			Vesp. 11.	315, 9.		
			—	11.		322, 5.	♀	27.	m.	8.	316, 3.	
	☉	15.	m.	8.		322, 1.			v.	8.	317, 3.	
			v.	6.		321, 0.	♄	28.	m.	8.	319, 2.	
			m. n.	12.		320, 5.			mrtd.	12.	319, 8.	
	☿	16.	m.	7.		320, 3.			v.	11.	321, 2.	
			—	10.		320, 5.						
	♂	17.	—	7.		317, 6.	Martius.	☉	1.	—	5.	322, 5.
			—	10.		317, 6.		☿	2.	m.	8.	320, —
	♀	18.	—	9.		312, 7.				v.	6.	321, 6.
			v.	5.		310, 6.		♂	3.	m.	8.	318, 0.
			—	10.		310, 8.				—	11.	319, 6.
	♂	19.	m.	7.		312, 2.		♀	4.	mrtd.	12.	315, 8.
			mrtd.	12.		313, 0.				v.	10.	313, 8.
			v.	10.		315, 75.		♂	5.	—	—	312, 2.
	♀	20.	m.	9.		319, 3.		♀	6.	m.	8.	313, 9.
			mrtd.	12.		319, 8.				v.	1.	314, 5.
			v.	4.		319, 8.				—	9.	314, 6.
	♄	21.	m.	11.		317, 6.		♄	7.	m.	7.	313, 9.
			v.	1.		316, 9.				v.	5.	314, 6.
		—	9.	317, 4.				—	10.	315, 75.		
☉	22.	v.	1.	318, 5.	☉	8.		m.	8.	315, 1.		
		—	7.	317, 45.						312, 6.		
		—	9.	316, 9.	☿	9.		m.	9.	311, 4.		
☿	23.	m.	10.	315, 7.				v.	11.	313, 3.		
		v.	11.	316, 8.	♂	10.		—	8.	314, 3.		
♂	24.	m.	9½.	317, 7.	♀	11.		—	8.	317, 4.		
		v.	11.	318, 4.	♂	12.		m.	8.	318, 2.		
				318, 7.	♀	13.		mrtd.	12.	317, 4.		
		mrtd.	12.	318, 4.				v.	7.	317, 1.		
		v.	1.	317, 9.	♄	14.	m.	8.	317, 4.			
		—	4.	317, 2.	☉	15.	—	8.	314, 8.			
		—	10.	316, 8.								

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## Observationes.

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.
Martius.	☾ 16.	Matut.	8. 315, 5.	Aprilis.	♀ 1.	Matut.	9. 313, 5.
		m.	11. 315, 5.			Vesp.	1. 313, 3.
		Vesp.	11. 314, 4.			♃ 2.	m.
	♂ 17.	m.	6. 313, 3.		v.		10. 314, 8.
		—	10. 312, 9.		☉ 5.	—	3. 320, 2.
		v.	3. 312, 4.		☾ 6.	—	8. 319, 4.
	♀ 18.	m.	6. 314, 5.		♂ 7.	mrd.	12. 319, 1.
		—	10. 314, 8.		v.	8. 318, 6.	
		mrd.	12. 315, 65.		♀ 8.	m.	8. 319, 4.
	♃ 19.	m.	11. 316, 9.			—	10. 319, 8.
		v.	11. 318, 0.		v.	2. 319, 6.	
	♀ 20.	m.	9. 319, 3.		♃ 9.	m.	10. 321, 2.
		v.	11. 319, 9.			v.	1. 320, 7.
	♃ 21.	m.	9. 319, 9.		—	9. 320, 2.	
		☉ 22.	—		9. 321, 4.	♀ 10.	m.
	☾ 23.	v.	10. 321, 9.		v.		2. 318, 6.
		m.	6. 321, 8.		—	5½. 318, 0.	
	v.	6. 322, 0.	—		8. 318, 0.		
	♂ 24.	m.	6. 321, 5.		♃ 11.	m.	6. 317, 5.
		♀ 25.	—			8. 319, 4.	v.
	—		10. 319, 6.		—	6. 316, 7.	
	v.		10. 318, 8.		☉ 12.	m.	8. 315, 7.
	♃ 26.	m.	8. 318, 0.		—	10. 315, 5.	
		♀ 27.	—		8. 316, 5.	mrd.	12. 315, 1.
	♃ 28.		—		9. 313, 75.	v.	9. 314, 6.
		v.	9. 314, 1.		☾ 13.	m.	8. 314, 1.
	☉ 29.	m.	8. 312, 8.			—	11. 314, 0.
v.		1. 312, 1.	v.	2. 313, 4.			
—		3. 312, 0.	—	5½. 312, 7.			
☾ 30.	m.	10. 313, 1.	♂ 14.	m.	8. 311, 5.		
	v.	5. 313, 1.		v.	2. 312, 4.		
	—	11. 313, 4.		—	9. 312, 4.		
♂ 31.	m.	10. 314, 1.	♀ 15.	m.	9. 310, 5.		
		—		v.	4. 308, 4.		
—	—	—	10. 307, 3.				

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## Observationes.

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.	
Aprilis.	4 16.	Matut. 5.	308, "" 3.	Aprilis.	⊙ 26.	Matut. 6.	320, "" 9.	
	♀ 17.	mrd. 12.	312, 1.		— 9 $\frac{1}{2}$ .	321, 6.		
		Vesp. 10.	313, 0.		Vesp. 3.	321, 2.		
	♄ 18.	m. 6.	313, 4.		☾ 27.	mrd. 12.	321, 8.	
		— 8 $\frac{1}{2}$ .	313, 9.		v. 6.	321, 2.		
		v. 10.	315, 0.		♂ 28.	m. 11.	320, 48.	
	☉ 19.	m. 1 $\frac{1}{2}$ .	315, 3.		v. 3.	319, 7.		
		v. 5.	315, 3.		— 11.	319, 9.		
		— 10.	315, 6.		♀ 29.	m. 7 $\frac{1}{2}$ .	319, 9.	
	☽ 20.	m. 7.	315, 8.		mrd. 12.	319, 9.		
		— 8.	315, 8.		v. 3.	319, 6.		
		v. 10 $\frac{1}{2}$ .	316, 9.		— 5.	319, 5.		
	♂ 21.	m. 8.	317, 2.		♀ 30.	m. 11.	319, 5.	
		v. 3.	317, 7.					
		— 10 $\frac{1}{2}$ .	318, 05.		Majus.	♀ 1.	— 11.	318, 7.
	♀ 22.	m. 5.	317, 8.		♄ 2.	v. 10.	318, 2.	
		— 8.	318, 1.		☉ 3.	m. 7.	318, 0.	
		v. 3 $\frac{1}{2}$ .	317, 8.		v. 6.	316, 0.		
		— 9.	318, 2.		☽ 4.	m. 6.	316, 55.	
	♀ 23.	m. 11.	319, 35.		♂ 5.	— 7 $\frac{1}{2}$ .	315, 3.	
		v. 3.	319, 0.		mrd. 12.	314, 4.		
		— 6.	318, 7.		♀ 6.	m. 9.	311, 5.	
		— 11.	319, 0.		m. 10 $\frac{1}{2}$ .	311, 25.		
	♀ 24.	m. 7.	319, 1.		v. 6.	312, 3.		
		— 11 $\frac{1}{2}$ .	319, 4.		♀ 7.	m. 9.	312, 4.	
		v. 3.	319, 2.		m. n. 12.	315, 9.		
		— 4 $\frac{1}{2}$ .	319, 1.		♀ 8.	v. 10.	317, 7.	
	— 11.	319, 4.	♄ 9.	m. 6.	317, 3.			
♄ 25.	m. 7.	319, 2.	— 8 $\frac{1}{2}$ .	317, 0.				
	— 10.	319, 7.	v. 4.	315, 8.				
	mrd. 12.	319, 6.	— 10.	315, 1.				
	v. 4.	319, 6.	☉ 10.	m. 7 $\frac{1}{2}$ .	313, 65.			
	— 4 $\frac{1}{2}$ .	319, 6.	— 9 $\frac{1}{2}$ .	313, 85.				
	— 6.	319, 9.	mrd. 12.	314, 1.				
	— 10 $\frac{1}{2}$ .	320, 3.	☽ 11.	m. 4 $\frac{3}{4}$ .	315, 5.			

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## Observationes.

Mensis.	Dies.	Hora.	Altitude observata.	Mensis.	Dies.	Hora.	Altitude observata.
Majus.	☾ 11.	Vesp. 3.	317, "65.	Majus.	☉ 24.	Vesp. 10.	319, "06.
		— 10½.	319, 25.		☾ 25.	Matut. 6½.	318, 6.
	♂ 12.	m. 6.	319, 3.			v. 9.	318, 0.
		— 10½.	319, 1.		♂ 26.	m. 10.	318, 7.
		Mrd. 12.	318, 45.			v. 5.	317, 6.
	♀ 13.	v. 10½.	317, 2.			— 10.	319, 1.
	4 14.	m. 6.	317, 5.		♀ 27.	m. 5.	319, 1.
		— 8½.	318, 0.		4 28.	— 7.	319, 2.
		mrd. 12.	318, 3.		♀ 29.	— 6.	315, 65.
		v. 10.	318, 5.			v. 7.	314, 3.
	♀ 15.	m. 5½.	318, 7.			— 11.	314, 1.
	h 16.	m. 7.	319, 9.		h 30.	— 4.	316, 45.
		mrd. 12.	320, 06.			— 7.	316, 45.
		v. 5½.	320, 24.			— 11.	318, 6.
		— 6.	—		☉ 31.	m. 8.	320, 0.
		— 10.	320, 9.			v. 7.	319, 7.
	☉ 17.	m. 6.	320, 5.			— 10½.	319, 45.
		m. 11.	320, 65.				
		v. 10.	320, 35.	Junius.	☾ 1.	m. 7.	319, 3.
	☾ 18.	m. 7.	320, 35.			v. 1.	318, 85.
		v. 10½.	319, 8.			— 3.	318, 45.
	♂ 19.	m. 5¼.	319, 6.			— 7.	318, 4.
		— 8.	319, 8.			— 10.	318, 5.
		v. 9¼.	320, 4.		♂ 2.	m. 5.	318, 9.
	♀ 20.	m. 5½.	320, 2.			mrd. 12.	319, 3.
		v. 10½.	319, 5.			v. 3½.	319, 15.
	4 21.	m. 7½.	319, 25.		♀ 3.	m. 7.	318, 7.
		mrd. 12.	319, 25.		4 4.	v. 8.	—
		v. 11.	318, 9.		♀ 5.	m. 8.	—
	♀ 22.	m. 7.	319, 9.		h 6.	— 8.	319, 5.
		— 9½.	320, 45.			— 9½.	319, 35.
		v. 10.	320, 7.			v. 3½.	319, 0.
	h 23.	m. 6¼.	321, 0.			— 5½.	319, 43.
	☉ 24.	— 8½.	320, 5.			v. 7.	318, 90.

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.
Junius.	☉ 7.	Matut. 8.	318, 05.	Junius.	♂ 16.	Vesp. 7.	317, 85.
		— 11½.	317, 8.		♀ 17.	Matut. 7.	318, 15.
		Vesp. 5½.	317, 25.			— 9¾.	318, 2.
		— 8.	317, 6.			— 11½.	318, 3.
		— 10.	317, 4.			v. 6½.	318, 2.
	☾ 8.	m. ½7.	317, 35.			v. 7¾.	318, 53.
		urd. 12.	317, 35.		♂ 18.	— 8.	319, 0.
		v. 6.	317, 6.			v. 1.	318, 58.
		— 11.	317, 3.			— 11.	320, 2.
	♂ 9.	m. 7.	316, 8.		♀ 19.	m. 6.	320, 7.
		v. 1.	316, 6.			v. 1.	320, 7.
		v. 5½.	316, 65.			— 4.	320, 4.
	♀ 10.	urd. 12.	321, 35.			— 11.	320, 2.
		v. 11.	322, 3.		♄ 20.	m. 4¾.	319, 7.
	♃ 11.	m. 8.	322, 3.			— 9.	319, 7.
		v. 1.	322, 0.			v. 1.	319, 35.
		— 3.	321, 75.			m. 6.	319, 2.
		— 11.	321, 2.			— 8.	319, 0.
	♀ 12.	m. 7.	320, 65.			— 10.	319, 1.
		v. 7.	320, 15.		☉ 21.	m. 10.	321, 0.
		— 10½.	320, 15.			urd. 12.	321, 2.
	♄ 13.	m. 6.	320, 1.			v. 8.	321, 3.
		— 9.	320, 55.		☾ 22.	urd. 7.	320, 55.
		urd. 12.	320, 8.			v. 5.	319, 4.
		v. 6.	321, 0.			— 5½.	319, 3.
		— 8.	321, 0.			— 10.	319, 05.
	☉ 14.	m. 8.	321, 1.		♂ 23.	urd. 7.	317, 5.
		urd. 12.	320, 74.			v. 8.	319, 0.
		m. n. 12.	320, 1.			— 10.	319, 15.
	☾ 15.	m. 7.	319, 85.		♀ 24.	m. 8½.	319, 15.
		— 9½.	319, 85.			urd. 12.	319, 1.
		v. 3.	319, 70.			v. 10.	318, 9.
		— 5.	319, 10.		♃ 25.	m. 6.	318, 7.
		— 10.	318, 9.			— 10½.	318, 6.
	♂ 16.	urd. 12.	318, 37.			urd. 12.	318, 55.

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## Observationes.

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.	
Junius.	4	25.	Vesp. 4.	Julius.	♀	8.	Matut. 6.	
			— 11.					320, 8.
			318, 6.					— 10.
	♀	26.	Matut. 7.					321, 0.
			mrd. 12.					Vesp. 7.
			v. 5 $\frac{3}{4}$ .					320, 9.
			317, 6.			4	9.	m.
			— 10.					6.
			317, 65.					320, 8.
	♄	27.	m.					v.
			4.					1.
			317, 4.					320, 45.
			— 11.			♀	10.	ul.
			317, 9.					7.
		v. 6.				319, 85.		
		318, 8.				— 11.		
		— 8.				319, 55.		
		318, 5.		♄	11.	m.		
☉	28.	m.				6.		
		9.		☉	12.	v.		
		318, 1.				10.		
		mrd. 12.				319, 3.		
		318, 2.		☾	13.	m.		
☾	29.	m.				7.		
		6 $\frac{1}{2}$ .				319, 85.		
		317, 5.				— 10.		
		mrd. 12.				319, 9.		
		317, 25.				v.		
		v. 11.				1.		
		316, 6.				319, 9.		
		— 11.		♂	14.	m.		
		315, 6.				6 $\frac{1}{2}$ .		
♂	30.	m.				320, 9.		
		v.				v.		
		8.				3.		
		315, 5.				320, 2.		
Julius.	♀	1.	m.	♀	15.	m.	2.	
			8.				319, 85.	
			316, 25.				— 8.	
			v. 8.				319, 25.	
			316, 8.				v. 1.	
			— 3.				318, 45.	
			317, 7.				— 3.	
			— 8.				318, 2.	
			317, 9.				— 5 $\frac{1}{2}$ .	
	♄	3.	m.				318, 1.	
			10.				— 4.	
			318, 85.				318, 65.	
			v. 7.				— 11 $\frac{1}{2}$ .	
			318, 7.				319, 1.	
♄	4.	m.				— 9.		
		7 $\frac{1}{4}$ .				319, 7.		
		319, 4.				v. 3.		
		mrd. 12.				319, 7.		
		319, 15.				— 10.		
		v. 7 $\frac{1}{2}$ .				319, 9.		
		318, 8.				— 1.		
		— 11.				319, 3.		
		319, 1.				m. n. 12.		
		— 11.				318, 8.		
		319, 4.				— 6.		
☉	5.	m.				319, 15.		
		v.				v. 3 $\frac{1}{2}$ .		
		10 $\frac{1}{2}$ .				319, 35.		
		318, 5.				— 1.		
☾	6.	m.				318, 9.		
		5.				— 11.		
		317, 7.				318, 3.		
♂	7.	—				m.		
		8.				7.		
		318, 35.				318, 3.		
		mrd. 12.				v.		
		319, 1.				10.		
		v. 8.				318,		
		320, 6.				3.		
		— 9 $\frac{1}{2}$ .				318,		
		320, 65.				1.		



Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.									
Julius.	♀ 22.	Matut. 1 $\frac{1}{2}$ .	318, " 1.	Augustus.	4 6.	Matut. 11.	320, " 15.									
		Vesp. 1.	318, 0.			mrđ. 12.	320, 1.									
	♂ 23.	—	7. 317, 8.		Augustus.	4 6.	v.	1. 320, 03.								
		m.	7. 317, 5.				—	2. 319, 9.								
	♀ 24.	mrđ. 12.	318, 3.			Augustus.	4 6.	—	3. 319, 9.							
		v.	6. 318, 0.					—	4. 319, 85.							
	♄ 25.	—	7. 318, 7.				Augustus.	4 6.	—	5. 319, 80.						
		⊙ 26.	mrđ. 12.						317, 9.	—	6. 319, 9.					
	☾ 27.	m.	7. 318, 7.					Augustus.	4 6.	—	7. 319, 9.					
		v.	1 $\frac{1}{4}$ .							318, 85.	—	8. 319, 9.				
	♂ 28.	m. n.	12.						319, 05.	Augustus.	4 6.	♀ 7.	m.	6.	320, 0.	
		m.	6.						319, 15.			—	7.	320, 14.		
	♀ 29.	mrđ.	12.						318, 0.		Augustus.	4 6.	—	8.	319, 0.	
		v.	1.						317, 6.				—	9.	320, 35.	
	♂ 30.	m.	11.						318, 1.			Augustus.	4 6.	—	10.	320, 30.
v.		7.	317, 15.	—					11.					320, 3.		
Augustus.	♄ 1.	m.	7.	318, 55.					Augustus.				4 6.	mrđ.	12.	320, 3.
		⊙ 2.	—	10.	317, 0.									v.	1.	320, 19.
	♄ 3.	—	1.	316, 4.	Augustus.								4 6.	—	2.	319, 95.
		—	6.	316, 5.		—								3.	319, 85.	
	☾ 3.	v.	12 $\frac{1}{2}$ .	318, 55.		Augustus.							4 6.	—	4.	319, 65.
		—	10.	319, 2.			—							5.	320, 1.	
	♂ 4.	m.	8.	319, 0.			Augustus.						4 6.	—	6.	319, 6.
		—	10.	319, 1.				—						6 $\frac{1}{2}$ .	319, 55.	
	♀ 5.	v.	1 $\frac{1}{4}$ .	319, 0.				Augustus.					4 6.	—	7.	319, 50.
		—	11.	318, 9.						—				8.	319, 45.	
	♂ 5.	m.	7.	318, 7.						Augustus.			4 6.	♄ 8.	m.	6.
		v.	0 $\frac{1}{2}$ .	319, 6.							—			7.	319, 25.	
	♂ 6.	mrđ.	5.	319, 85.							Augustus.		4 6.	—	8.	319, 25.
		—	6.	319, 80.								—		9.	319, 375.	
	♂ 6.	—	7.	319, 80.								Augustus.	4 6.	—	10.	319, 4.
—		8.	318, 5.	—					11.					319, 35.		
♂ 6.	—	9.	319, 9.	Augustus.					4 6.				mrđ.	12.	319, 28.	
	—	10.	320, 15.		v.								1.	319, 20.		
♂ 6.	—	—	—		Augustus.				4 6.				—	2.	319, 05.	

1807.

## Observationes.

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.
Augustus.	7	8.	Vesp. 3. 318, 95.	Augustus.	8	11.	Matut. 5. 318, 85.
			— 4. 318, 90.				— 6. 319, 0.
			— 5. 318, 9.				— 7. 319, 1.
			— 6. 318, 85.				— 8. 318, 0.
			— 7. 318, 84.				— 9. 319, 1.
	9.	☉	Matut. 6. 318, 3.				— 10. 319, 1.
			— 7. 318, 0.				— 11. 319, 05.
			— 8. 318, 0.			mrđ.	12. 319, 05.
			— 9. 318, 5.			v.	1. 318, 95.
			— 10. 318, 95.				— 2. 318, 80.
			— 11. 318, 7.				— 3. 318, 75.
		mrđ.	12. 318, 6.				— 4. 318, 50.
		v.	1. 318, 5.				— 5. 318, 60.
			— 2. 318, 3.				— 6. 318, 6.
			— 3. 318, 15.				— 7. 318, 6.
			— 4. 317, 9.				— 8. 318, 6.
			— 5. 317, 9.		8	12.	m.
			— 6. 317, 9.				7. 317, 0.
			— 7. 317, 9.				— 8. 317, 0.
			— 8. 318, 6.				— 11. 318, 2.
	10.	☽	m.			mrđ.	12. 318, 15.
			6. 318, 6.			v.	1. 318, 15.
			— 7. 318, 55.				— 2. 318, 15.
			— 8. 318, 5.				— 3. 318, 10.
			— 9. 318, 35.				— 4. 318, 0.
			— 10. 318, 1.				— 5. 317, 9.
			— 11. 318, 05.				— 6. 318, 0.
		mrđ.	12. 317, 8.				— 7. 317, 9.
		v.	1. 317, 7.				— 8. 317, 9.
			— 2. 317, 5.		24	13.	m.
			— 3. 317, 3.				6. 317, 0.
			— 4. 317, 24.				— 7. 317, 4.
			— 5. 317, 6.				— 8. 317, 5.
			— 6. 318, 0.				— 8½. 317, 3.
			— 7. 318, 2.				— 10. 318, 35.
			— 8. 318, 35.				— 11. 318, 35.
						Mrđ.	12. 318, 35.

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## Observationes.

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.
Augustus.	4 13.	Vesp.	1. 318, 25.	Augustus.	4 20.	Matut.	5. 318, 3.
		—	2. 318, 10.			Vesp.	1. 318, 65.
		—	3. 318, 0.		♀ 21.	m.	7. 318, 8.
		—	4. 317, 9.			—	11. 319, 1.
		—	5. 317, 7.		v.	6. 319, 1.	
		—	6. 317, 7.		♄ 22.	m.	7. 318, 75.
		—	7. 317, 5.			—	10½. 319, 1.
		—	9. 318, 3.		☉ 23.	m.	9. 319, 45.
		—	11. 318, 0.		☽ 24.	—	7. 319, 6.
	♀ 14.	m.	7. 317, 0.		♂ 25.	—	7. 319, 25.
		—	8. 317, 1.			—	10. 319, 85.
		—	9. 317, 3.		v.	1. 319, 7.	
		—	10. 317, 45.		♀ 26.	m.	6. 320, 2.
		—	11. 317, 45.		v.	2. 320, 3.	
		mrđ.	12. 317, 45.		—	5. 320, 2.	
		v.	1. 317, 40.		4 27.	—	12½. 320, 3.
		—	2. 317, 25.		♀ 28.	m.	7. 319, 0.
		—	3. 317, 10.		v.	1. 319, 2.	
		—	4. 316, 0.		♄ 29.	mrđ.	12. 319, 2.
		—	10. 317, 45.		v.	1. 318, 85.	
	♄ 15.	m.	6. 318, 1.		☉ 30.	m.	9. 319, 25.
		—	7. 318, 3.		☽ 31.	—	7. 318, 9.
		—	9. 318, 4.		v.	1. 318, 9.	
	☉ 16.	—	9. 319, 1.		—	5. 318, 7.	
		mrđ.	12. 319, 3.		—	10. 319, 05.	
		v.	1. 319, 35.				
		—	4. 319, 4.	Septem- ber.	♂ 1.	m.	8. 319, 48.
	☽ 17.	m.	7½. 320, 05.		v.	3. 319, 7.	
		—	10. 320, 2.		—	10. 319, 9.	
		—	11½. 320, 1.		♀ 2.	m.	9½. 320, 3.
		v.	3. 319, 9.		v.	12½. 320, 2.	
		—	5. 320, 15.		—	5. 320, 15.	
	♂ 18.	m.	9. 318, 95.		4 3.	m.	6. 320, 3.
		v.	1. 318, 85.		v.	1. 319, 95.	
	♀ 19.	m.	8. 318, 25.		—	7. 319, 4.	
		v.	1. 318, 3.				

1807.

## Observationes.

Mensis.	Dies.	Hora.	Altitude observata.	Mensis.	Dies.	Hora.	Altitude observata.
Septem-ber.	4 3.	Vesp.	9. 319, 3.	Septem-ber.	☉ 13.	Vesp.	5. 316, 75.
	♀ 4.	Matut.	8. 318, 48.		☾ 14.	Matut.	7. 317, 4.
		v.	2. 318, 0.		—	11.	317, 65.
		—	6. 317, 6.		v.	5. 317, 35.	
	♄ 5.	m.	7½. 317, 5.		♂ 15.	m.	7. 317, 4.
		v.	2. 317, 4.			v.	1. 317, 25.
		—	10. 317, 1.		♀ 16.	m.	7. 317, 65.
	☉ 6.	m.	9. 317, 0.			v.	1. 317, 25.
		v.	1. 316, 7.		♄ 17.	m.	7. 316, 8.
		—	3. 316, 25.			—	10. 316, 88.
		—	6¾. 315, 7.			v.	2½. 316, 60.
		—	9. 315, 3.			—	10. 316, 3.
	☾ 7.	m.	3. 314, 3.		♀ 18.	m.	7. 316, 58.
		—	8. 316, 0.			v.	1. 316, 25.
		v.	5¾. 316, 05.			—	9½. 314, 5.
		—	10. 317, 1.		♄ 19.	m.	6. 314, 8.
	♂ 8.	m.	9. 319, 28.			—	9½. 314, 7.
		—	11. 319, 4.		☉ 20.	—	7. 319, 9.
		v.	7½. 320, 2.			v.	1. 320, 15.
		—	9. 320, 2.		☾ 21.	m.	7. 320, 4.
	♀ 9.	m.	8. 320, 2.			v.	4. 319, 6.
		—	10. 320, 15.		♂ 22.	m.	5½. 318, 5.
		v.	1. 319, 3.			—	8. 318, 4.
		—	5½. 318, 5.			v.	10. 317, 8.
		—	9. 318, 2.		♀ 23.	m.	7. 317, 45.
	♄ 10.	m.	7. 317, 55.			v.	1. 317, 6.
		—	10. 317, 8.		♄ 24.	—	1. 317, 04.
		v.	1. 318, 05.			—	9½. 316, 4.
	♀ 11.	m.	6. 318, 7.		♀ 25.	m.	9¾. 313, 0.
		v.	5¾. 318, 5.			v.	1. 314, 7.
	♄ 12.	mrtd.	12. 316, 45.			—	10. 313, 5.
		v.	1. 316, 2.		♄ 26.	m.	9. 313, 7.
		—	7. 315, 45.				
		—	10. 315, 65.				
	☉ 13.	—	1. 317, 0.				

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## Observationes.

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.
October.	☾ 5.	Vesp. 1.	320, 3.	October.	☾ 26.	Vesp. 7.	315, 2.
	♂ 6.	Matut. 10.	319, 4.		♂ 27.	Matut. 7.	313, 25.
	♀ 7.	— II.	320, 0.		♀ 28.	v. 10.	316, 4.
		v. 1.	319, 85.		♂ 29.	m. 11.	315, 6.
	♂ 8.	m. 6½.	319, 45.			v. 1.	315, 0.
		— II.	319, 1.		♀ 30.	m. 11.	313, 69.
	♀ 9.	m. 10.	319, 6.			v. 3.	313, 2.
		v. 4.	319, 85.		♂ 31.	— 7.	312, 9.
	♂ 10.	m. 7.	320, 3.			m. 7.	308, 7.
		— 10½.	320, 3.			— 10.	309, 9.
	☉ 11.	v. 9.	321, 6.			v. 1.	310, 8.
	☾ 12.	m. 7.	321, 1.			— 7½.	314, 4.
		v. 5.	320, 7.				
	♂ 13.	— 1.	321, 3.	Novem-	☉ 1.	m. 7½.	319, 25.
		— 4.	321, 1.	ber.		v. 1½.	319, 6.
		— 10.	321, 65.		☾ 2.	m. 8.	319, 2.
	♀ 14.	— 3.	322, 3.			v. 5.	317, 8.
		— 11.	322, 2.		♂ 3.	m. 8.	316, 3.
	♂ 15.	m. 7.	321, 85.			— 11.	315, 5.
	♀ 16.	— 7.	321, 1.			v. 3.	313, 7.
	♂ 17.	— 7.	321, 2.			— 10.	313, 1.
		v. 10.	320, 2.		♀ 4.	— 2.	313, 85.
	☉ 18.	— 1.	319, 8.			— 8.	314, 3.
	☾ 19.	— 3.	321, 7.		♂ 5.	— 4.	315, 4.
	♂ 20.	— 1.	319, 5.		♀ 6.	m. 8.	314, 9.
		— 5.	318, 85.			— 9.	314, 9.
	♀ 21.	m. 11¼.	317, 7.			v. 4.	314, 7.
		v. 4¾.	317, 3.			— 7.	315, 35.
	♂ 22.	m. 7.	313, 7.		♂ 7.	— 1.	314, 05.
	♀ 23.	— 11.	313, 0.			— 10.	314, 65.
		v. 10.	314, 6.		☉ 8.	m. 7½.	314, 05.
	♂ 24.	m. 11.	314, 0.			v. 12½.	313, 6.
		v. 12½.	316, 1.			— 11.	314, 15.
	☉ 25.	— 1.	317, 2.		☾ 9.	m. 8.	313, 8.
	☾ 26.	m. 10.	316, 4.			— 10.	313, 7.

1807.

## Observationes.

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.		
Novem- ber.	♂ 10.	vefp.	10. 314, 75.	Novem- ber.	☾ 23.	matut. 10.	315, 4.		
	♀ 11.	—	1. 313, 2.			v.	3.	314, 9.	
			8.		314, 4.		—	8.	314, 8.
	♄ 12.	matut.	8. 314, 45.			♂ 24.	m.	10. 315, 67.	
		v.	1. 314, 4.				v.	3. 314, 80.	
		—	7.		314, 5.		—	8.	315, 65.
	♀ 13.	m.	9. 315, 2.			♀ 25.	—	4.	317, 8.
		v.	3. 315, 9.			♄ 26.	m.	11. 316, 2.	
	♃ 14.	—	8.		319, 4.		v.	2½.	315, 8.
	☉ 15.	m.	8. 318, 6.			♀ 27.	—	2.	316, 2.
		v.	4. 318, 15.				—	9.	316, 1.
		—	8.		317, 35.	♃ 28.	m.	8. 316, 1.	
	☾ 16.	m.	8. 316, 1.				v.	1.	315, 8.
		mrtd.	12. 316, 0.				—	5.	315, 4.
		v.	9. 316, 1.				—	10.	314, 55.
	♂ 17.	m.	6½. 317, 0.			☉ 29.	m.	8. 313, 5.	
		v.	1. 316, 5.				v.	3. 314, 6.	
		—	5.		316, 1.		—	8.	315, 0.
		—	10.		315, 8.	☾ 30.	m.	7. 313, 3.	
	♀ 18.	m.	6. 314, 5.				v.	2. 314, 95.	
	v.	4. 314, 45.			—	10.	316, 6.		
	—	8.	314, 2.	Decem- ber.	♂ 1.	m.	8. 317, 15.		
♄ 19.	m.	8. 314, 9.				v.	1½. 318, 4.		
	v.	1. 314, 6.			♀ 2.	m.	8. 318, 3.		
	—	2½.	314, 45.			v.	3. 317, 5.		
	—	10.	312, 6.			—	8.	316, 15.	
♀ 20.	m.	6. 311, 65.			♄ 3.	—	1.	314, 3.	
	v.	12½. 313, 0.				—	8.	315, 8.	
	—	4.	313, 45.		♀ 4.	m.	11. 317, 1.		
	—	10.	314, 4.			v.	1. 317, 0.		
♃ 21.	m.	11. 314, 6.			♃ 5.	—	2.	316, 75.	
	v.	8. 315, 35.				—	9.	316, 0.	
☉ 22.	m.	8. 316, 6.			☉ 6.	—	1.	315, 0.	
	v.	8. 316, 4.							

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.	
Decem-ber.	☉ 6.	vesp.	9. 314, "" 9.	Decem-ber.	4 24.	vesp.	8. 320, "" 5.	
	☾ 7.	matut.	9. 313, 7.		♀ 25.	—	6. 320, 4.	
		v.	4. 312, 6.		♄ 26.	matut.	8. 320, 4.	
		—	11. 312, 15.			v.	8½. 319, 9.	
	♂ 8.	—	1. 311, 0.		☉ 27.	—	1. 318, 3.	
		—	3. 310, 6.		☾ 28.	m.	8. 319, 4.	
	♀ 9.	m.	8. 312, 55.			v.	9. 320, 6.	
		v.	10. 314, 2.		♂ 29.	m.	10. 320, 4.	
	4 10.	m.	9. 314, 6.			v.	1. 320, 0.	
		v.	1. 314, 4.			—	10. 319, 4.	
	♀ 11.	—	10. 318, 4.		♀ 30.	m.	8. 319, 1.	
	♄ 12.	m.	10. 319, 8.			—	11½. 318, 6.	
		v.	7. 320, 35.		4 31.	v.	11. 317, 95.	
	☉ 13.	—	1. 321, 1.					
	☾ 14.	—	8. 318, 15.		1808.			
	♂ 15.	m.	11. 319, 35.		Janua-rius.	♀ 1.	m.	10. 315, 9.
		v.	1. 319, 0.			♄ 2.	—	8. 313, 2.
		—	8. 319, 25.				v.	1. 312, 7.
	♀ 16.	—	4. 319, 15.			—	8. 313, 35.	
		—	10. 319, 75.			☉ 3.	m.	11. 313, 1.
	4 17.	m.	8½. 319, 85.				v.	10. 314, 7.
		v.	8. 320, 0.			☾ 4.	m.	8. 317, 0.
	♀ 18.	m.	9. 319, 45.				v.	6. 319, 3.
	m. n.	12. 318, 6.		♂ 5.	m.	8. 320, 55.		
♄ 19.	m.	9. 318, 9.			v.	1. 320, 55.		
	v.	8. 320, 19.		—	4½. 320, 25.			
☉ 20.	m.	11. 321, 45.		♀ 6.	m.	8. 320, 25.		
	v.	6. 321, 85.			—	11. 320, 5.		
☾ 21.	—	1. 321, 6.			v.	8. 321, 55.		
	—	5. 321, 4.		4 7.	—	8. 323, 6.		
	—	8. 321, 3.		♀ 8.	m.	10. 323, 72.		
♂ 22.	m.	8. 320, 5.			v.	11. 323, 7.		
	v.	10. 319, 65.		♄ 9.	—	1. 322, 65.		
♀ 23.	m.	8. 319, 4.			—	10. 322, 95.		
	v.	4. 319, 4.		☉ 10.	m.	6½. 323, 2.		

1808.

## Observationes.

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.				
Janua- rius.	☉	10.	vesp. 11.	320, 6.	Janua- rius.	☉	24.	matut. 8.	316, 95.		
	☾	11.	matut. 6.	317, 8.				vesp. 7½.	317, 1.		
			—	9½.		317, 3.	☾	25.	m.	5.	315, 96.
			v.	3.		316, 0.			—	8.	315, 4.
			—	6.		315, 7.			v.	10½.	313, 1.
	♂	12.	m.	8½.		314, 7.	♂	26.	m.	8.	311, 77.
			v.	7.		315, 6.			—	11¼.	311, 2.
			—	10½.		315, 7.			v.	9½.	310, 9.
	♀	13.	m.	5.		316, 0.	♀	27.	m.	5.	311, 35.
			v.	3.		315, 8.			v.	5.	314, 4.
			—	6.		315, 8.	♂	28.	m.	8½.	316, 0.
	♂	14.	m.	9½.		314, 9.			v.	1.	315, 35.
			—	11.		314, 45.			—	6½.	314, 5.
			v.	1.		313, 5.	♀	29.	m.	9.	314, 4.
	♀	15.	—	1.		312, 3.			v.	9.	315, 9.
	♄	16.	—	1.		316, 4.	♄	30.	—	4.	316, 7.
			—	10.		317, 0.			—	11.	316, 9.
	☉	17.	m.	9.		317, 4.	☉	31.	m.	10½.	318, 0.
			v.	1.		317, 65.			v.	1½.	317, 7.
	☾	18.	—	1.		320, 8.					
♂	19.	m.	10.	320, 05.	Februa- rius.	☾	1.	m.	9.	319, 0.	
		v.	1.	319, 5.				v.	1.	319, 0.	
♀	20.	m.	1.	317, 75.				—	4.	319, 25.	
		—	7.	316, 5.		♂	2.	m.	7.	318, 7.	
		v.	1.	315, 25.				—	8.	318, 7.	
		—	4.	314, 6.				v.	10.	318, 1.	
♂	21.	urd.	12.	314, 1.		♀	3.	m.	9.	318, 65.	
		v.	4.	314, 25.				v.	10.	319, 8.	
		—	8.	314, 9.		♂	4.	m.	8.	320, 6.	
		m. n.	12.	315, 7.				v.	1.	321, 0.	
♀	22.	m.	11.	318, 3.	♀	5.	m.	8.	321, 75.		
		v.	11.	318, 6.			v.	1¼.	321, 45.		
♄	23.	m.	8.	318, 05.			—	8.	321, 2.		
		v.	1.	317, 65.	♄	6.	—	6.	319, 5.		
		—	4.	317, 3.			—	10.	319, 25.		



Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.					
Februarius.	☉	7.	matut. 9.	318, 9.	Februarius.	♂	23.	vesp. 10.	319, 05.			
			vesp. 7½.	319, 35.		♀	24.	matut. 7.	319, 15.			
	☾	8.	m.	10½.		318, 5.	♄	25.	—	7.	322, -8.	
			—	11¾.		318, 1.			—	11.	323, 15.	
			v.	8.		316, 7.			v.	11½.	323, 35.	
	♂	9.	m.	7.		314, 6.	♀	26.	m.	7.	322, 5.	
			—	10¼.		314, 8.			—	8.	322, 5.	
			v.	12½.		314, 8.			v.	8.	320, 8.	
	♀	10.	—	6.		317, 1.	♃	27.	m.	7.	319, 5.	
	♄	11.	—	1.		317, 5.			—	8½.	319, 5.	
			—	10.		316, 4.	☉	28.	m.	7.	319, 5.	
	♀	12.	m.	7.		313, 9.			v.	3½.	321, 1.	
			v.	1.		311, 3.			—	11¾.	318, 95.	
	♃	13.	m.	9½.		310, 7.	☾	29.	m.	9.	315, 8.	
			v.	9.		312, 95.			v.	4.	318, 3.	
	☉	14.	m.	8.		314, 73.			—	6½.	318, 3.	
			v.	5.		316, 1.	Martius.	♂	1.	m.	7.	320, 95.
	☾	15.	m.	8½.		317, 4.				v.	4½.	321, 5.
	♂	16.	—	8.		316, 1.				—	11.	321, 3.
			v.	7.		315, 0.		♀	2.	m.	7.	321, 3.
	♀	17.	m.	7.		316, 5.				—	9.	321, 0.
			mrtd.	12.		317, 7.				v.	1.	320, 3.
	♄	18.	v.	9.		314, 45.				—	10.	319, 5.
♀	19.	m.	11.	318, 55.	♄	3.		m.	7.	319, 8.		
		v.	10.	320, 7.				v.	1.	320, 6.		
♃	20.	m.	7.	321, 4.				—	5½.	320, 3.		
		v.	10.	322, 3.				—	10.	320, 3.		
☉	21.	m.	7.	322, 0.	♀	4.		m.	7.	320, 15.		
		v.	1.	321, 9.				—	9.	320, 25.		
		—	5.	321, 7.			v.	5.	321, 2.			
		—	10.	322, 15.			—	10.	321, 55.			
☾	22.	m.	7.	321, 75.	♃	5.	—	1.	321, 9.			
		—	11½.	321, 1.			—	6.	321, 85.			
		v.	5.	320, 6.	☉	6.	m.	10.	320, 6.			
♂	23.	—	1.	319, 2.								

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.		
Martius.	☉	6.	velfp. 5.	Martius.	♂	22.	mat. 10 $\frac{1}{4}$ .		
			320, 35.					317, 7.	
			—					v.	11. 316, 9.
	☾	7.	matul. 7.		♀	23.	—	10. 315, 6.	
			7. 319, 7.		♂	24.	m.	7. 315, 9.	
	♂	8.	m.		11. 319, 95.			v.	11. 316, 5.
			v.		5. 319, 95.	♀	25.	m.	7. 316, 5.
	♀	9.	—		10. 320, 1.			v.	12 $\frac{1}{2}$ . 316, 45.
	♂	10.	m.		5. 319, 4.	♂	26.	m.	7. 317, 3.
			—		7 $\frac{1}{2}$ . 319, 5.			v.	12 $\frac{1}{2}$ . 317, 7.
			—		8 $\frac{1}{2}$ . 319, 5.	☉	27.	m.	7. 318, 0.
	♀	11.	m.		7. 320, 4.			—	8. 318, 0.
			v.		1. 320, 27.			—	10. 318, 1.
			—		9 $\frac{1}{2}$ . 320, 0.			v.	12 $\frac{1}{2}$ . 318, 2.
	♂	12.	m.		7 $\frac{1}{2}$ . 319, 65.			—	4 $\frac{1}{2}$ . 318, 05.
			v.		11. 318, 7.			—	9. 318, 1.
	☉	13.	m.		8. 318, 45.	☾	28.	m.	6 $\frac{1}{2}$ . 318, 0.
			v.		6. 318, 4.			—	11 $\frac{1}{4}$ . 317, 9.
	☾	14.	m.		7 $\frac{1}{2}$ . 318, 3.			v.	11. 317, 9.
			v.		10. 318, 2.	♂	29.	m.	6. 317, 7.
	♂	15.	m.		7 $\frac{1}{2}$ . 318, 0.			v.	11. 317, 55.
			v.		1. 317, 95.	♀	30.	m.	6 $\frac{1}{2}$ . 316, 8.
♀	16.	m.	7 $\frac{1}{2}$ . 317, 3.	♂	31.	—	6. 314, 8.		
		v.	1. 316, 1.			v.	11. 314, 4.		
♂	17.	m.	7. 315, 7.	Aprilis.	♀	1.	m.	6. 313, 8.	
		v.	5. 316, 05.				v.	6. 312, 7.	
♀	18.	m.	11. 317, 2.				—	10 $\frac{1}{2}$ . 312, 7.	
		v.	11. 316, 9.		♂	2.	m.	8. 313, 7.	
♂	19.	m.	6. 317, 0.				v.	10. 317, 3.	
		—	9. 317, 0.		☉	3.	m.	7. 318, 0.	
☉	20.	m.	7. 316, 2.				v.	10. 319, 4.	
		—	10. 316, 2.		☾	4.	m.	7. 320, 1.	
		v.	10. 316, 5.				v.	10. 319, 6.	
☾	21.	m.	7. 316, 7.		♂	5.	m.	7. 319, 1.	
♂	22.	—	6 $\frac{1}{2}$ . 317, 45.						

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.	
Aprilis.	♂ 5.	vesp.	3. 318, 7.	Aprilis.	4 21.	vesp.	5½. 314, 30.	
	♀ 6.	matut.	6. 318, 3.		—	6½. 315, 4.		
	—	7½.	318, 4.		—	9. 315, 75.		
	—	11.	319, 3.		♀ 22.	matut.	6¼.	316, 7.
	4 7.	v.	9½. 318, 1.			v.	10.	316, 2.
	♀ 8.	m.	8. 315, 6.		♄ 23.	m.	9.	314, 3.
		v.	4. 312, 8.			v.	6.	314, 2.
	—	10.	314, 2.		☉ 24.	m.	8½.	314, 75.
	♄ 9.	m.	6. 316, 9.			v.	6.	315, 1.
		—	9½.		317, 5.	☾ 25.	m.	8½.
	v.	1¼.	317, 85.		v.		9.	315, 0.
	☉ 10.	m.	7. 320, 1.		♂ 26.	m.	8.	314, 0.
		v.	7.			321, 1.	—	11¼.
	☾ 11.	m.	7. 319, 4.		v.	9½.	315, 6.	
		♂ 12.	v.		7. 317, 5.	♀ 27.	m.	8.
	♀ 13.		m.		8. 319, 45.		—	11.
		mrd.	12.		319, 75.	v.	3.	316, 2.
	4 14.	m.	7. 319, 0.		—	6.	316, 3.	
	♀ 15.	—	6. 318, 6.		—	10.	316, 7.	
		v.	3. 317, 45.		4 28.	m.	9.	316, 4.
	♄ 16.	—	3. 316, 55.		—	v.	1½.	316, 1.
		—	10.		317, 00.	—	11.	315, 3.
	☉ 17.	—	1. 318, 0.		♀ 29.	m.	6.	315, 15.
		—	5½.			318, 3.	v.	9½.
	☾ 18.	m.	6. 318, 05.		♄ 30.	m.	6¾.	316, 1.
		v.	1. 317, 2.			v.	1½.	316, 55.
		—	7.			316, 7.	—	8.
—		9½.	317, 6.					
♂ 19.	m.	6. 315, 65.	Majus.	☉ 1.	m.	5. 318, 0.		
	v.	10. 314, 8.			v.	7. 318, 65.		
♀ 20.	—	3. 315, 2.		—	9½.	318, 85.		
	—	7. 314, 6.		☾ 2.	m.	6. 319, 2.		
4 21.	m.	6. 315, 35.			mrd.	12.	319, 05.	
	v.	2½.		313, 9.	v.	9½.	318, 5.	
—	5¼.	313, 85.		♂ 3.	m.	4. 318, 3.		

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## Observationes.

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.
Majus.	♂ 3.	vesp.	6½. 317, 0.	Majus.	☉ 22.	vesp.	9½. 314, 6.
	♀ 4.	matut.	10. 317, 3.		☾ 23.	matut.	8. 316, 65.
	♄ 7.	v.	2½. 317, 1.			—	10½. 317, 0.
	☉ 8.	m.	8. 316, 2.			v.	10. 318, 75.
		v.	6. 315, 15.	♂ 24.	m.	7½. 319, 5.	
	☾ 9.	m.	7. 315, 75.		mrđ.	12. 319, 5.	
		v.	5. 316, 5.	♀ 25.	m.	9. 319, 45.	
	♂ 10.	m.	9. 319, 3.		v.	1. 319, 0.	
		v.	4. 319, 3.		—	6. 318, 6.	
	♀ 11.	m.	6. 320, 4.	♄ 26.	m.	7. 317, 7.	
	♄ 12.	v.	8¼. 322, 2.		—	10½. 317, 4.	
	♀ 13.	—	6. 321, 9.		v.	3. 316, 85.	
	♄ 14.	m.	4. 321, 6.		—	7. 316, 3.	
		v.	5. 321, 3.		—	11½. 316, 7.	
	☉ 15.	m.	5. 320, 85.	♀ 27.	m.	6. 316, 7.	
		v.	10. 320, 2.		v.	12½. 316, 9.	
	☾ 16.	m.	7. 320, 6.		—	11. 317, 5.	
	♂ 17.	—	7. 320, 1.	♄ 28.	—	1. 317, 8.	
			320, 0.	☉ 29.	m.	8. 320, 3.	
	♀ 18.	—	6. 318, 4.		—	10. 321, 0.	
		v.	3. 317, 9.	☾ 30.	m.	7. 320, 85.	
		—	5½. 317, 65.		v.	1. 320, 65.	
		—	10. 318, 55.	♂ 31.	—	5. 319, 35.	
	♄ 19.	m.	11. 320, 25.				
	♀ 20.	—	7. 319, 0.	Junius.	♀ 1.	m.	11. 317, 35.
		v.	6. 318, 3.		♄ 2.	v.	5. 317, 9.
		—	10. 317, 9.		—	9. 318, 2.	
	♄ 21.	m.	7. 317, 7.	♀ 3.	m.	10. 318, 65.	
		v.	5. 316, 8.		v.	1¼. 318, 3.	
		—	10. 316, 6.		—	7. 317, 8.	
	☉ 22.	m.	6. 314, 9.	♄ 4.	m.	7. 317, 7.	
		—	8. 314, 9.		v.	12½. 317, 7.	
		—	11. 314, 5.		—	7. 317, 2.	
		v.	6½. 314, 25.		—	10. 317, 7.	

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.
Junius.	☉	5.	matut. 6. 317, 3.	Junius.	☾	20.	matut. 10. 318, 15.
			vesp. 4. 316, 7.				vesp. 6½. 318, 4.
			— 5. 316, 7.		♂	21.	m. 7. 318, 3.
	☾	6.	m. 5½. 316, 05.		♀	22.	v. 5. 318, 2.
			v. 6. 317, 2.				m. 7. 316, 9.
	♂	7.	m. 8½. 318, 2.				v. 1¼. 316, 55.
			v. 1. 318, 2.				— 5. 316, 2.
			— 7. 318, 54.		♄	23.	— 10. 316, 45.
	♀	8.	m. 5. 318, 75.				m. 7. 316, 5.
			— 9. 318, 90.				— 8½. 316, 7.
	♄	9.	— 5½. 318, 45.		♀	24.	— 7. 317, 9.
			v. 7. 317, 7.				v. 12½. 317, 5.
			— 11¼. 317, 1.		♃	25.	m. 7. 316, 8.
	♃	11.	— 1. 317, 0.				— 11. 317, 15.
			— 8. 316, 5.				v. 3½. 317, 2.
			— 11. 316, 85.		☉	26.	m. 7½. 317, 2.
	☉	12.	m. 7½. 317, 7.				v. 8. 317, 6.
			v. 1. 318, 45.		☾	27.	m. 7. 317, 8.
			m. n. 12. 319, 2.				— 11. 317, 7.
	☾	13.	v. 6. 319, 5.				v. 1. 317, 6.
♂	14.	m. 8. 319, 6.			— 8. 317, 4.		
		— 11½. 319, 4.			— 10. 317, 2.		
		v. 4. 319, 0.	♂	28.	m. 7½. 317, 65.		
		— 8. 318, 6.			v. 5. 318, 05.		
♀	15.	m. 8½. 318, 1.	♀	29.	m. 7. 318, 9.		
		v. 1. 317, 7.			— 10. 319, 2.		
♄	16.	m. 8. 319, 3.			v. 7. 319, 6.		
		v. 4½. 319, 45.			— 10. 319, 7.		
♀	17.	— 12½. 320, 4.	♄	30.	m. 7½. 320, 2.		
		— 6. 319, 85.			v. 1. 320, 15.		
♃	18.	m. 7½. 319, 7.			— 11. 320, 2.		
☉	19.	— 8. 319, 9.	Julius.	♀	1.	m. 7. 319, 85.	
		v. 12½. 319, 65.			— 11½. 319, 5.		
		— 4. 319, 2.			v. 1. 319, 4.		
		— 8. 318, 8.			— 11. 319, 6.		

1808.

## Observationes.

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.										
Julius.	♄	2.	matut. 7.	319, 35.	Julius.	☾	11.	mat. 11 $\frac{3}{4}$ .	321, 0.								
			merid. 12.	319, 3.				v.	11.	321, 25.							
			v.	5 $\frac{1}{2}$ .		319, 0.	♂	12.	m.	7.	321, 5.						
	—	8.	318, 5.	v.		7 $\frac{1}{2}$ .	321, 85.										
	—	10 $\frac{1}{2}$ .	318, 4.	—		11 $\frac{1}{2}$ .	321, 8.	♀	13.	m.	9.	321, 45.					
	☉	3.	m.	4 $\frac{1}{2}$ .		317, 9.	v.	1 $\frac{1}{4}$ .		321, 2.	—	5 $\frac{1}{2}$ .	320, 9.				
	—		7 $\frac{1}{2}$ .	317, 8.		—	7 $\frac{1}{2}$ .	320, 75.	♂	14.	m.	9.	320, 45.				
	—		10 $\frac{1}{2}$ .	317, 7.		v.	6 $\frac{3}{4}$ .	320, 1.	—		11.	319, 8.					
	—	1.	317, 15.	—		6 $\frac{3}{4}$ .	317, 27.	—	11.	319, 8.	♀	15.	m.	4 $\frac{3}{4}$ .	319, 45.		
	—	6 $\frac{3}{4}$ .	317, 5.	—		317, 5.	v.	7 $\frac{1}{2}$ .	319, 35.	—	11.		319, 25.				
	☾	4.	m.	8 $\frac{1}{2}$ .		317, 15.	—	6 $\frac{1}{2}$ .	318, 65.	♄	16.		m.	6 $\frac{1}{2}$ .	318, 9.		
	—		9 $\frac{1}{2}$ .	317, 4.		—	10 $\frac{1}{2}$ .	319, 05.	v.	12 $\frac{3}{4}$ .		319, 05.					
	v.		1 $\frac{1}{4}$ .	317, 3.		—	10 $\frac{1}{2}$ .	319, 05.	☉	17.		m.	7.	319, 2.			
	—	6.	317, 05.	—		9 $\frac{1}{4}$ .	319, 45.	v.	5.		319, 6.	☾	18.	m.	4 $\frac{1}{2}$ .	319, 65.	
	—	10.	317, 3.	—		6 $\frac{1}{2}$ .	318, 65.	v.	1.	319, 7.	—	4 $\frac{1}{2}$ .		319, 35.			
	♂	5.	m.	7 $\frac{1}{2}$ .		316, 9.	—	4 $\frac{1}{2}$ .	319, 35.	♂	19.	m.	6.	319, 1.			
	—		10 $\frac{1}{4}$ .	316, 8.		—	1.	318, 8.	v.	1.		318, 8.					
	v.		5.	316, 75.		—	3.	318, 8.	—	3.	318, 8.	—	10.	318, 55.			
	—	9 $\frac{1}{2}$ .	317, 3.	—		10.	317, 3.	—	10.	318, 55.	♀	6.	m.	8.	318, 0.		
	—	5 $\frac{1}{2}$ .	320, 25.	—		9 $\frac{1}{2}$ .	317, 3.	—	3.	319, 0.	v.		1 $\frac{1}{4}$ .	319, 0.			
	—	6 $\frac{1}{4}$ .	320, 2.	—		5 $\frac{1}{2}$ .	320, 25.	—	5 $\frac{1}{2}$ .	320, 25.	—		5 $\frac{1}{2}$ .	320, 25.			
	♂	7.	m.	6.		321, 15.	—	6 $\frac{1}{4}$ .	320, 2.	—	6 $\frac{1}{4}$ .	320, 2.	♂	8.	m.	7 $\frac{1}{2}$ .	319, 5.
	v.		8.	319, 5.		—	6.	321, 15.	—	8.	319, 5.	—	11.		319, 3.		
	♀	8.	m.	7 $\frac{1}{2}$ .		319, 5.	—	8.	319, 5.	—	7 $\frac{1}{2}$ .	319, 5.	—	11.	319, 3.		
	—		11.	319, 3.		—	8.	319, 5.	—	3.	319, 0.	v.	3.	319, 0.			
	v.		3.	319, 0.		—	7 $\frac{1}{2}$ .	319, 5.	—	3.	319, 0.	♄	9.	m.	7.	318, 7.	
	—	10.	319, 5.	—		7.	318, 7.	—	7.	318, 7.	—	11 $\frac{1}{2}$ .		319, 0.			
	—	8.	320, 0.	—		11 $\frac{1}{2}$ .	319, 0.	—	10.	319, 5.	v.	10.		319, 5.			
	☉	10.	m.	8.		320, 0.	—	8.	320, 0.	—	8.	320, 0.	—	10.	319, 5.		
	v.		11.	320, 5.		—	11.	320, 5.	—	11.	320, 5.	—	11.	320, 5.			
—	11.	320, 5.	—	11.	320, 5.	—	11.	320, 5.	—	11.	320, 5.						

Mensis.	Dies.	Hora.	Altitudo observata.	Mensis.	Dies.	Hora.	Altitudo observata.
Julius.	4 21.	vesp.	4. 317, 65.	Julius.	♀ 27.	matut.	8. 318, 35.
		—	6. 318, 1.			—	11. 318, 24.
		—	7 $\frac{3}{4}$ . 317, 65.			—	vesp.
	♀ 22.	—	10. 317, 6.		—	3. 317, 5.	
		matut.	11. 318, 2.		—	10. 316, 4.	
		v.	4 $\frac{1}{2}$ . 318, 1.		4 28.	m.	8. 317, 4.
	—	10. 318, 4.	v.			12 $\frac{1}{2}$ . 317, 35.	
	—	10. 318, 4.	—			4. 316, 85.	
	♄ 23.	m.	7. 318, 8.		—	10 $\frac{1}{2}$ . 316, 9.	
		merd.	12. 318, 85.		♀ 29.	m.	9. 316, 8.
		v.	4 $\frac{1}{2}$ . 318, 2.			merd.	12. 316, 7.
	—	10. 318, 1.	v.			7 $\frac{1}{2}$ . 317, 0.	
	☉ 24.	m.	6. 319, 1.		—	9 $\frac{1}{2}$ . 317, 15.	
		—	8. 319, 5.		♄ 30.	m.	9. 317, 7.
		—	11. 319, 45.			—	11. 317, 8.
		v.	10. 318, 2.		v.	3. 317, 95.	
	☾ 25.	m.	8 $\frac{1}{2}$ . 318, 5.		—	6 $\frac{1}{2}$ . 318, 05.	
		merd.	12. 318, 6.		—	10. 318, 25.	
		v.	5 $\frac{1}{2}$ . 318, 54.		☉ 31.	m.	5 $\frac{3}{4}$ . 318, 05.
		—	10. 318, 45.			v.	12 $\frac{1}{2}$ . 318, 0.
♂ 26.	m.	7. 318, 6.	—	4 $\frac{1}{2}$ . 317, 7.			
	v.	12 $\frac{1}{2}$ . 318, 7.	—	6. 317, 95.			
	—	7 $\frac{1}{4}$ . 318, 5.					
	—	10 $\frac{1}{2}$ . 318, 6.					

Altitudinum observatarum  
maxima et minima.

Mensis.			Numerus Observatio- num.	Altitudo	
				maxima.	minima.
1807.					
Januarius.	. . .	2. 21.	66.	323, 60.	308, 30.
Februarius.	. . .	13. 3.	72.	322, 70.	307, 70.
Martius.	. . .	1. 9.	58.	322, 50.	311, 40.
Aprilis.	. . .	27. 15.	83.	321, 80.	307, 30.
Majus.	. . .	16. 6.	71.	320, 90.	311, 25.
Junius.	. . .	10. 30.	101.	322, 3.	315, 5.
Julius.	. . .	8. 1.	68.	321, 0.	316, 25.
Augustus.	. . .	7. 14.	181.	320, 35.	316, 00.
September.	. . .	21. 25.	76.	320, 40.	313, 50.
October.	. . .	14. 31.	47.	322, 30.	308, 70.
November.	. . .	1. 20.	77.	319, 60.	311, 65.
December.	. . .	20. 8.	59.	321, 85.	310, 60.
1808.					
Januarius.	. . .	8. 26.	73.	323, 72.	311, 20.
Februarius.	. . .	25. 12.	66.	323, 35.	311, 3.
Martius.	. . .	5. 31.	73.	321, 90.	314, 4.
Aprilis.	. . .	10. 1.	72.	321, 1.	312, 7.
Majus.	. . .	12. 22.	64.	322, 2.	314, 2.
Junius.	. . .	17. 6.	76.	320, 4.	316, 05.
Julius.	. . .	12. 27.	117.	321, 85.	316, 40.

Summa altitudinum observatarum = 476765, 915.

Altitudo omnium media:

= 317, 84 = 26, 05, 84 pedis Parisiensis olim regii  
metrorum

= 0, 71699295.



Quibus mille quingentis observationibus enumeratis e re erit monere, omnes altitudines praecellenti barometro ab Anglo Ramsden, omnium machinatorum principe, affabre facto a me fuisse observatas. Machinae fuit id genus, quod Galli *Baromètre à réservoir* appellant, in quo fistula vitrea recta in latiore fundum se insinuans natante induta receptaculum format.

Locorum positiones ad sphaeram terrae relatae, latitudines nempe ac longitudes geographicae, duabus coordinatis absolvuntur. Loca inde super terrae sphaeram projecta quidem recte definiuntur, sed tertiam insuper coordinatam, quae supra illarum sectionem orbium sit ad perpendicularum, qua loca non solum projecta, sed et projecta in altum mensus fueris, haud ambigi potest desiderari. Ex quo igitur summi aetatis nostrae geometrae percelebratum super hac re consilium mihi innotuit, hanc tertiam coordinatam per Bojoariae regnum protendere positionibus astronomicis haud parvam accessionem facturum animo constitui.

Plures enim a munificentissimorum procliviorumque ad scientias animorum et Augustissimi REGIS et Ejus unius, qui REGI est a secretis princeps et optimus et nomine et re excellentissimus, liberalitate per totam Bojoariam ita constitutae observandi ergo stationes regni faciem, staturam et vultum, vallium flexus et spiras, montium porrectionem, aequora et proclivitatem, omnium denique tractuum politam et vere expressam ostenderint effigiem. Ad speculam quidem regiam, quae astris suspiciendis inservit, tanquam ad centrum, omnium locorum altitudines referri atque eum ipsius situ poterunt comparari. Ad hunc igitur finem observationes a me habitae, initiis in specula regia positae, quas recensui, omnes referendae sunt. En earum calculos et conclusionem, ex quibus Monachii situs supra maris interni acquora conficitur.

Observationes, quas habuerunt viri illustres, Shuckburgh, Chiminello, Toaldo, Hapel et Fleuriau de Bellevue, necessarie mihi cogere videntur, altitudinem mediam Barometri juxta planiciem maris positi aequalem esse = 0,7629 metris. Quibus recte positis, praecunte numero densitatis aëris et mercurii rationem coefficiente, quem celeberrimus Ramond ex sua montium Pyrenaeorum dimensione constituit, ratione habita temperationis mediae caloris juxta maris littus = + 12°,8 ab illust. Shuckburgh observatae, et ejusdem Monachii = + 10°,425 a me constitutae, thermometris, quibus in centum partes aequales divisus apud Gallos *centigrades* nomen est; vaporum insuper densitatem aëris minuendum decessione facta; variationum denique ponderis aëris et mercurii, ex latitudine geographica, sive, quod perinde est, ex longitudine penduli, conversionis coeli stelliferi sextam octogesimam millesimam et quadringentesimam partem oscillantis, pendentium, summa in rationem inducta, altitudo stationis Barometri Monachii supra mare internum efficitur aequalis

$$\begin{aligned}
 &= 515,178 \text{ metris,} = \\
 &= 1585,947 \text{ pedibus olim Gallicis} = \\
 &\quad + \\
 &= 1765,159 \text{ pedibus Bojoaricis.}
 \end{aligned}$$

Primum comparatione facta observationum mearum cum iisdem Mediolani in specula astronomica Brerae a maxime illustribus astronomis Oriani et Cesaris habitis, qui mediam altitudinem ibidem = 0,75147035 metris et caloris temperationem mediam = + 12°,75805 aequarant, prodit *altitudo Monachii supra Mediolanum* :

$$= 339,00 \text{ metris;}$$

at per eosdem astronomos Mediolani situs supra mare efficitur = 128,149 metris; *Altitudo inde Monachii consequitur*

$$= 517,149 \text{ metris,}$$

quae quidem a nostra, quam supra constituimus, duos haud amplius metros differt. Barometri aequae ac temperationis caloris mediam altitudinem ex observationibus quatuor annorum Mediolani habitis (et recensitis in *Effemeridi astronomiche di Milano calcolate da Francesco Carlini pergl' anni 1807. 1808.*) derivavi. Comparatis iterum meis observationibus cum altitudine media =  $0^m,755\ 161275$  temperationeque media caloris =  $+ 11^{\circ},423$ , quae ex observationibus a maxime illustri astronomo Bouvard in specula Caesaris Parisiensi annis 8. 9. 10. 11. 12. 13. habitis (quarum recensio videre est in *Connaissance des tems pour l'an XII. XIII. XIV. XV. 1808. 1809.* colledi, iterum prodit *altitudo Monachii supra librarnen Speculae Parisiensis* =  $435,11859$  metris;

at Specula Caesaris supra mediam Sequanae altitudinem assurgit (*Connaissance de tems 1808. 1809.*) 45, 0 metros.

Sed cum media Sequana Parisiis ad numerum 13. antiquae mensurae pontis Regii assurgens, sit alta supra oceanum 38,00621 metros.  
(vid. *Journal de physique Fevr. 1808. p. 126.*)

*Altitudo inde Monachii:* 518, 1248 metrorum  
colligitur, haud tres metros, novem scripulis minus, a nostra discedens.

Aequata tertium cum nostris observationibus altitudine media *Genevae* ab acutissimo Saussure solertissime observata =  $26''.10''',1$  mensurae olim Parisinae =  $0^m,726602$  + temperatione caloris media =  $+ 12^{\circ},0$  (*Journal de physique Fevr. 1808. p. 127. Biot astronomie I. p. 144.*) prodit *celsitas Monachii supra Genevam:* 108,709 metrorum,

sed Geneva supra Speculam Parisiensem: + 326,<sup>m</sup>630  
 Specula Caesaris vero supra Sequanam: + 45,<sup>m</sup>000  
 at Sequana supra mare + 38,<sup>m</sup>006

Ex quibus infertur, Barometrum - - - 518,345 metros  
 Monachii supra mare altum fuisse.

Quae quidem altitudo ex Genevae observationibus illata ab illa, quam supra directo constitueram, ultra tres metros duobus tantum Sicilicis differt.

En! vero et mearum et Genevensium et Parisiensium et Mediolanensium observationum concentus mirabilis!

Stationem igitur Barometri Monachii, cum et satis numerosas et apprime solertes fuisse observationes probaverim, supra mare internum

515,178 metros

altum certo assumpseris.

At Barometrum Monachii supra plateae ad aedes Virginis, juxta turrem septentrionalem, pavimentum fuit suspensum

7,297 metros;

Pavimentum vero, ubi turris assurgit, supra Isari, ubi per pontem lapideum praecipitat, altitudinem mediam (adhibita quidem inde a turre virginis ad Speculam astronomicam usque dioptra ad perpendicularum, quam ab aequore sive fluente nominant) inveniebatur

3,793 metros altum.

Sed cum per eandem dioptram ad perpendicularum Specula Regia coelo suspiciendo inserviens supra Isari medias aquas

21, 604 metros

43<sup>2</sup>

ascen-

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ascendat, deductis calculis, *altitudinem speculae regiae astronomicae, quae juxta Monachium est, supra maris interni aequor*

525,692 metris, sive

1618,314 pedibus olim Parisiensibus

sive

1801,184 pedibus Bojoaricis

*aequalem esse concluditur.*

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