

Tabularum Rudolphi

TABVLA Latitudinis Lunæ in Eclipsibus, cum Reductione loci Lunæ ad Eclipticam, vel Loci Solis eiusq; oppositi ad Orbitam Lunæ.

Gradus	10'		20'		30'		40'		50'		
	Latitudo	Red.	Latitudo	Red.	Latitudo	Red.	Latitudo	Red.	Latitudo	Red.	
0	0.0.0	0.0	0.0.55	0.3	0.1.51	0.5	0.2.46	0.8	0.3.41	0.10	0.4.37
1	0.5.32	0.16	0.6.27	0.10	0.7.23	0.22	0.8.18	0.25	0.9.13	0.27	0.10.8
2	0.11.4	0.33	0.11.59	0.36	0.12.55	0.39	0.13.50	0.41	0.14.45	0.43	0.15.41
3	0.16.36	0.49	0.17.32	0.52	0.18.27	0.54	0.19.22	0.57	0.20.18	0.59	0.21.13
4	0.22.9	1.4	0.23.4	1.7	0.24.0	1.9	0.24.55	1.12	0.25.50	1.15	0.26.45
5	0.27.41	1.19	0.28.36	1.21	0.29.31	1.24	0.30.27	1.26	0.31.22	1.29	0.32.17
6	0.33.12	1.34	0.34.7	1.37	0.35.2	1.39	0.35.57	1.41	0.36.52	1.44	0.37.47
7	0.38.42	1.48	0.39.37	1.51	0.40.32	1.53	0.41.27	1.55	0.42.22	1.58	0.43.17
8	0.44.12	2.3	0.45.7	2.5	0.46.2	2.8	0.46.56	2.10	0.47.51	2.12	0.48.46
9	0.49.41	2.17	0.50.35	2.19	0.51.30	2.22	0.52.24	2.24	0.53.19	2.26	0.54.14
10	0.55.9	2.31	0.56.4	2.33	0.56.58	2.35	0.57.53	2.37	0.58.47	2.40	0.59.42
11	1.0.30	2.45	1.1.21	2.57	1.2.25	2.50	1.3.19	2.53	1.4.14	2.55	1.5.8
12	1.6.2	2.59	1.6.57	3.1	1.7.51	3.4	1.8.46	3.6	1.9.40	3.9	1.10.34
13	1.11.28	3.13	1.12.21	3.15	1.13.16	3.18	1.14.19	3.20	1.15.3	3.23	1.15.56
14	1.16.50	3.27	1.17.43	3.29	1.18.38	3.32	1.19.31	3.34	1.20.25	3.36	1.21.18
15	1.22.12	3.40	1.23.5	3.42	1.24.0	3.45	1.24.53	3.47	1.25.47	3.49	1.26.40
16	1.27.33	3.53	1.28.26	3.56	1.29.19	3.57	1.30.12	4.0	1.31.6	4.2	1.31.59
17	1.32.54	4.6	1.33.45	4.9	1.34.38	4.11	1.35.30	4.13	1.36.23	4.15	1.37.15

TABELLA Parallaxium et Semidiametri Lunæ, cum Horatio eius vero in Copulis, à puncto fixo numerato.

Apo- gata.	Paral- lax. D.H.	Semidi- ametri. D.H.	Horari- us. D.H.	Anoma- lia coe- quata. Grad. r	A' Apog. D.H.	Paral- lax. D.H.	Semidi- ametri. D.H.	Horari- us. D.H.	Anomal. coe- quata. Grad. r	A' Apog. D.H.	Paral- lax. D.H.	Semidi- ametri. D.H.	Horari- us. D.H.	Anomal. coe- quata. Grad. r
0.0	58.22	15.0	29.44	0.0	4.6	59.22	15.15	31.13	51.32	9.6	62.12	16.0	35.46	116.27
6	58.22	15.0	29.44	3.0	6	59.51	15.23	31.59	64.2	6	62.43	16.8	36.38	130.10
12	58.23	15.0	29.45	6.0	12	59.59	15.25	32.12	67.12	12	62.50	16.10	36.51	133.39
18	58.24	15.1	29.46	8.59	18	60.8	15.27	32.25	70.22	18	62.57	16.4	36.13	123.17
1.0	58.25	15.1	29.48	11.59	6.0	60.16	15.30	32.38	73.33	11.0	63.4	16.13	37.15	140.37
6	58.27	15.2	29.51	15.0	6	60.25	15.32	32.52	76.45	6	63.10	16.14	37.26	144.8
12	58.29	15.2	29.54	18.0	12	60.34	15.34	33.6	79.58	12	63.16	16.15	37.37	147.39
18	58.32	15.3	29.58	21.1	18	60.44	15.37	33.20	83.12	18	63.21	16.17	37.47	151.10
2.0	58.35	15.4	30.3	24.2	7.0	60.54	15.39	33.34	86.27	12.0	63.25	16.18	37.56	154.42
6	58.39	15.4	30.9	27.3	6	61.3	15.41	33.48	89.43	6	63.29	16.19	38.4	158.16
12	58.43	15.5	30.15	30.5	12	61.12	15.44	34.3	93.0	12	63.32	16.20	38.11	161.49
18	58.48	15.6	30.21	33.7	18	61.21	15.46	34.18	96.18	18	63.35	16.21	38.16	165.22
3.0	58.52	15.7	30.30	36.9	8.0	61.29	15.48	34.33	99.37	13.0	63.37	16.21	38.20	168.55
6	58.57	15.9	30.37	39.13	6	61.38	15.51	34.48	102.57	6	63.39	16.22	38.23	172.29
12	59.3	15.10	30.45	42.17	12	61.47	15.53	35.3	106.18	12	63.40	16.22	38.26	176.3
18	59.9	15.12	30.54	45.21	18	61.55	15.55	35.18	109.40	18	63.41	16.22	38.27	179.37
4.0	59.15	15.15	31.3	48.26	9.0	62.4	15.57	35.32	113.3	Perig	63.41	16.22	38.28	180.0

Etsi Diameter Lunæ demonstratione ex causis Archetypicis concinne admodum est deducta: Observationes tamen passim defiderant maiorem; forte quia aeris Lunatis tanta est altitudo, ut soliditas globi demonstrativa circum circa per eum uno Scrupulo vel Scelqui, augeatur vel etiam maiori, pro diversitate causarum physicarum.

Luna etiam verticalis, potest apparere dimidio se. maior, quam in Horizonte.

TERMINI ECLIPSIVM.

Sole in	Lunarium		Solarium	
	Apogeo	Perigæa	Apogæa	Perigæa
Apogeo	10.46	12.0	15.58	17.12
Perigæo	10.40	11.54	16.4	17.19

Accommodati sunt hi termini ad Motum Lunæ fictum seu primo æquatam, non ad medium nec ad verum omnimode: Similiter ad motum Nodi æqualem et ad maximam Inclinationem limitis, ubique præsuppositam: quia hæc in diebus 18. ante et post Obviationem ☉ et ♁ parum mutatur. Præsupponitur etiam Semidiameter Lunæ demonstrativa, non physice ampliata.

Lunat.

253

251

257

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Ende

Anfang