Particula CANONIS Antilogarithmorum exactiorum, potissimum pro Eclipsibus.

Secunda singula		Secunda	Gr. 0	Gr. 0	Gr. 0	Gr. 0	Gr. 0	Gr. 0	Gr. 1	Gr. 1	Gr. 1	Gr. 1
			Scr. 0	sc. 10	sc. 20	sc. 30	sc. 40	sc. 50	sc. 0	sc. 10	sc. 20	sc. 30
0	0.000000	0	0.000	0.423	1.692	3.807	6.769	10.578	15.232	20.732	27.080	34.274
1	0.000001	10	0	37	1.721	50	826	648	317	831	193	401
2	0.000005	20	0	52	49	3.893	882	719	402	20.930	306	528
3	0.000011	30	1	66	1.778	936	939	790	487	21.029	420	655
4	19	40	2	81	1.807	3.979	6.997	861	572	129	534	783
5	29	50	0.003	0.497	1.836	4.022	7.054	10.933	15.658	21.229	27.648	34.911
			sc. 1	sc.11	sc.21	sc.31	sc.41	sc.51	sc. 1	sc.11	sc.21	sc.31
6	42	0	0.004	0.512	1.866	4.066	7.112	11.005	15.744	21.329	27.763	35.039
7	58	10	6	28	1.896	4.110	170	11.077	830	429	877	167
8	76	20	0.008	44	1.926	54	228	149	15.916	530	27.992	296
9	0.000097	30	0.010	60	56	4.198	286	222	16.003	631	28.107	425
10	0.000120	40	12	76	1.987	243	345	295	16.090	732	222	554
11	145	50	0.014	0.592	2.017	4.287	7.404	11.368	16.177	21.833	28.337	35.684
			sc. 2	sc.12	sc.22	sc.32	sc.42	sc.52	sc. 2	sc.12	sc.22	sc.32
12	172	0	0.017	0.609	2.048	4.332	7.463	11.441	16.264	21.934	28.452	35.814
13	201	10	20	26	2.079	378	522	515	352	22.036	567	35.944
14	232	20	23	44	2.110	423	582	589	440	138	683	36.074
15	265	30	26	61	42	469	642	663	528	240	799	204
16	30	40	30	79	2.174	4.515	702	737	616	342	28.915	335
17	0.00034	50	0.034	0.697	2.206	4.561	7.762	11.811	16.704	22.445	29.032	36.466
			sc. 3	sc.13	sc.23	sc.33	sc.43	sc.53	sc. 3	sc.13	sc.23	sc.33
18	0.00038	0	0.038	0.715	2.238	4.607	7.823	11.885	16.793	22.548	29.149	36.597
Et sic deinceps, quilibet subcentuplus Antilogarithmi Arcus decupli.		10	42	33	2.271	654	883	11.960	882	651	266	728
		20	47	52	2.303	701	7.944	12.035	16.971	754	383	859
		30	52	71	36	748	8.006	111	17.060	858	501	36.991
		40	57	0.790	2.370	795	8.067	187	150	22.962	619	37.123
		50	0.062	0.810	2.403	4.843	8.129	12.263	17.240	23.066	29.737	37.255
Nam proportio Arcuum tam parvorum duplicata, fit proportio Antilogarithmorum.			sc. 4	sc.14	sc.24	sc.34	sc.44	sc.54	sc. 4	sc.14	sc.24	sc.34
		0	0.068	0.829	2.437	4.891	8.191	12.339	17.330	23.170	29.855	37.388
		10	73	49	2.471	939	253	415	420	274	29.973	521
		20	79	69	2.505	4.987	315	491	511	379	30.092	654
		30	86	0.889	40	5.036	378	568	602	484	211	787
		40	92	0.910	2.574	5.084	441	645	693	589	330	37.920
Vt si proportio arcuū sumitur Dupla, verbi g. inter G. 1. 36′ et Semisſem G. 0. 48′. hac duplicata fit Quadrupla. Ergo Antilogarithmi ſiunt illius 38.996		50	0.099	0.931	2.609	5.133	8.504	12.722	17.784	23.694	30.450	38.054
			sc. 5	sc.15	sc.25	sc.35	sc.45	sc.55	sc. 5	sc.15	sc.25	sc.35
		0	0.106	0.952	2.644	5.183	8.567	12.799	17.876	23.800	30.570	38.188
		10	13	73	2.680	232	631	876	17.968	23.906	690	322
		20	20	0.995	2.715	282	695	12.954	18.060	24.012	810	456
		30	28	1.016	51	332	759	13.032	152	118	30.931	591
		40	36	38	2.787	382	823	110	245	225	31.052	726
huius 9.748 *pars illius quarta paulo minor. quia Arcus tam grandeſcit.*		50	0.144	1.061	2.823	5.432	8.887	13.189	18.338	24.332	31.173	38.861
			sc. 6	sc.16	sc.26	sc.36	sc.46	sc.56	sc. 6	sc.16	sc.26	sc.36
		0	0.152	1.083	2.860	5.483	8.952	13.268	18.431	24.439	31.294	38.996
		10	61	1.106	2.897	534	9.017	347	524	546	416	39.131
		20	70	29	2.934	585	9.082	426	617	654	538	267
		30	79	52	2.971	636	148	506	711	762	660	403
Et sic etiam hoc loco Decupla Arcuū duplicata fit Centupla pro Antilogarithmis.		40	88	75	3.009	688	214	586	805	870	782	540
		50	0.198	1.199	3.046	5.740	9.280	13.666	18.899	24.978	31.904	39.676
			sc. 7	sc.17	sc.27	sc.37	sc.47	sc.57	sc. 7	sc.17	sc.27	sc.37
		0	0.207	1.223	3.084	5.792	9.346	13.747	18.993	25.087	32.027	39.813
		10	17	47	3.122	844	412	827	19.088	196	150	39.950
		20	28	71	161	897	479	908	183	305	273	40.088
		30	38	1.296	3.200	5.949	546	13.989	278	414	396	226
		40	49	1.321	38	6.002	613	14.070	373	523	520	363
		50	0.260	1.346	3.277	6.056	9.680	14.151	19.468	25.633	32.644	40.501
			sc. 8	sc.18	sc.28	sc.38	sc.48	sc.58	sc. 8	sc.18	sc.28	sc.38
		0	0.271	1.371	3.317	6.109	9.748	14.233	19.564	25.743	32.768	40.639
		10	82	1.396	57	163	816	315	660	853	32.892	777
		20	0.294	1.422	3.396	217	884	397	756	25.963	33.017	40.916
		30	0.306	48	3.436	271	9.952	479	853	26.074	142	41.054
		40	18	1.474	477	325	10.021	562	19.950	185	267	193
		50	0.330	1.501	3.517	6.380	10.089	14.645	20.047	26.296	33.392	332
			sc. 9	sc.19	sc.29	sc.39	sc.49	sc.59	sc. 9	sc.19	sc.29	sc.39
		0	0.343	1.527	3.558	6.435	10.159	14.728	20.144	26.407	33.517	41.472
		10	56	54	3.599	490	228	812	241	519	643	612
		20	69	1.581	640	545	298	896	339	631	769	752
		30	82	1.609	682	601	367	14.980	437	743	33.895	41.893
		40	0.395	36	724	657	437	15.064	535	855	34.021	42.033
		50	0.409	1.664	3.765	6.713	10.507	15.148	20.633	26.967	34.147	42.174

Tabula Aſcenſionum Rectarum, Declinationum Eclipti-

Gr.	Aſcenſiones rectæ. ♈ Tem.	♎ Tem.	Sc. cõmunia.	Increm. in 10′	Declinatio. Par. ′ ″	Increm. in 10′	Angulus Eclipt. et Meridiani. Par. ′ ″	Increm. in 10′					
0	0	180	0′. 0″	550	0. 0. 0	239	66.28.30	2	180	360	0′. 0″	550	30
1	0	180	55. 1	550	0.23.56	239	28.42	6	179	359	4.59	550	29
2	1	181	50. 2	550	0.47.53	239	29.16	10	178	358	9.58	550	28
3	2	182	45. 4	551	1.11.49	239	30.14	13	177	357	14.56	551	27
4	3	183	40. 7	551	1.35.43	239	31.34	17	176	356	19.53	551	26
5	4	184	35.11	551	1.59.37	238	33.18	21	175	355	24.49	551	25
6	5	185	30.17	551	2.23.28	238	35.24	25	174	354	29.43	551	24
7	6	186	25.25	552	2.47.16	238	37.54	29	173	353	34.35	552	23
8	7	187	20.35	552	3.11. 4	237	40.46	33	172	352	39.25	552	22
9	8	188	15.47	553	3.34.47	237	44. 0	37	171	351	44.13	553	21
10	9	189	11. 2	553	3.58.28	236	47.40	41	170	350	48.58	553	20
11	10	190	6.20	554	4.22. 4	236	51.47	44	169	349	53.40	554	19
12	11	191	1.41	554	4.45.37	235	66.56. 6	48	168	348	58.19	554	18
13	11	191	57. 6	555	5. 9. 5	234	67. 0.53	51	168	348	2.54	555	17
14	12	192	52.35	556	5.32.29	233	6. 3	55	167	347	7.25	556	16
15	13	193	48. 9	556	5.55.47	232	11.36	59	166	346	11.51	556	15
16	14	194	43.48	557	6.18.58	231	17.33	63	165	345	16.12	557	14
17	15	195	39.32	558	6.42. 6	230	23.51	67	164	344	20.28	558	13
18	16	196	35.21	559	7. 5. 6	229	30.34	71	163	343	24.39	559	12
19	17	197	31.16	560	7.28. 0	228	37.39	74	162	342	28.44	560	11
20	18	198	27.17	561	7.50.46	227	45. 6	78	161	341	32.43	561	10
21	19	199	23.24	562	8.13.26	225	67.52.57	82	160	340	36.36	562	9
22	20	200	19.37	563	8.35.58	224	68. 1.10	86	159	339	40.23	563	8
23	21	201	15.57	564	8.58.20	222	9.46	90	158	338	44. 3	564	7
24	22	202	12.24	566	9.20.34	221	18.46	94	157	337	47.36	566	6
25	23	203	8.58	567	9.42.41	220	28. 7	97	156	336	51. 2	567	5
26	24	204	5.39	568	10. 4.38	218	37.51	101	155	335	54.21	568	4
27	25	205	2.28	569	10.26.24	216	48. 0	105	154	334	57.32	569	3
28	25	205	59.25	571	10.48. 2	214	68.58.29	109	154	334	0.35	571	2
29	26	206	56.30	572	11. 9.27	212	69. 9.20	113	153	333	3.30	572	1
30	27	207	53.43	574	11.30.43	211	20.36	116	152	332	6.17	574	0
	♉	♏							♍	♓			
1	28	208	51. 5	575	11.51.48	209	32.13	120	151	331	8.55	575	29
2	29	209	48.36	577	12.12.40	207	44.13	124	150	330	11.24	577	28
3	30	210	46.16	578	12.33.21	205	69.56.35	127	149	329	13.44	578	27
4	31	211	44. 5	580	12.53.49	203	70. 9.19	131	148	328	15.55	580	26
5	32	212	42. 3	581	13.14. 5	201	22.25	135	147	327	17.57	581	25
6	33	213	40.11	583	13.34. 7	199	35.54	138	146	326	19.49	583	24
7	34	214	38.29	585	13.53.57	196	70.49.44	142	145	325	21.31	585	23
8	35	215	36.57	586	14.13.32	194	71. 3.57	146	144	324	23. 3	586	22
9	36	216	35.35	588	14.32.53	191	18.30	150	143	323	24.25	588	21
10	37	217	34.23	590	14.51.59	188	33.27	153	142	322	25.37	590	20
11	38	218	33.22	592	15.10.50	186	71.48.44	157	141	321	26.38	592	19
12	39	219	32.32	593	15.29.26	183	72. 4.23	160	140	320	27.28	593	18
13	40	220	31.52	595	15.47.47	181	20.23	164	139	319	28. 8	595	17
14	41	221	31.22	597	16. 5.51	178	36.44	167	138	318	28.38	597	16
15	42	222	31. 3	599	16.23.39	175	72.53.26	170	137	317	28.57	599	15
16	43	223	30.55	600	16.41. 9	172	73.10.28	174	136	316	29. 5	600	14
17	44	224	30.58	602	16.58.22	169	27.51	177	135	315	29. 2	602	13
18	45	225	31.11	604	17.15.18	166	73.45.36	180	134	314	28.49	604	12
19	46	226	31.36	606	17.31.54	163	74. 3.38	184	133	313	28.24	606	11
20	47	227	32.12	608	17.48.14	160	22. 0	187	132	312	27.48	608	10
21	48	228	32.59	610	18. 4.14	157	40.45	190	131	311	27. 1	610	9
22	49	229	33.57	611	18.19.57	153	74.59.47	194	130	310	26. 3	611	8
23	50	230	35. 6	613	18.35.18	150	75.19. 9	197	129	309	24.54	613	7
24	51	231	36.25	615	18.50.21	147	38.50	200	128	308	23.35	615	6
25	52	232	37.55	617	19. 5. 4	144	75.58.49	203	127	307	22. 5	617	5
26	53	233	39.36	619	19.19.26	140	76.19. 5	206	126	306	20.24	619	4
27	54	234	41.28	621	19.33.27	136	76.39.41	209	125	305	18.32	621	3
28	55	235	43.31	622	19.47. 7	133	77. 0.33	212	124	304	16.29	622	2
29	56	236	45.44	624	20. 0.26	129	21.45	215	123	303	14.16	624	1
30	57	237	48. 7		20.13.22		77.43.13		122	302	11.53		0
					Par. ′ ″	Decrem. in 10′	Par. ′ ″	Decrem. in 10′	Tem.	Tem.	Sc. cõmunia.	Increm. in 10′	Gr.
					Declinatio		Ang. Eclipt & Meridiani.		Ω	♒	Aſcenſiones rectæ.		

cæ punctorum, et Angulorum eius cum Meridiano.

Ascensiones rectæ. Gr.	♈ Tem.	♎ Tem.	Sc. cõmunia.	Increm. in 10′	Declinatio. Par. ′ ″	Increm. in 10′	Angulus Eclipt. et Meridiani. Par. ′ ″	Increm. in 10′	♋ Tem.	♑ Tem.	Sc. cõmunia.	Increm. in 10′	Gr.
0	57	237	48′.″7	626	20.13.22	125	77.43.13	217	122	302	11.53	626	30
1	58	238	50.40	627	25.57	122	78. 4.47	221	121	301	9.20	627	29
2	59	239	53.23	629	38. 9	118	26.57	223	120	300	6.37	629	28
3	60	240	56.16	631	20.49.58	115	78.49.15	225	119	299	3.44	631	27
4	61	241	59.19	632	21. 1.25	111	79.11.45	228	118	298	0.41	632	26
5	63	243	2.32	634	12.29	108	34.32	230	116	296	57.28	633	25
6	64	244	5.55	635	23. 7	104	79.57.32	233	115	295	54. 5	635	24
7	65	245	9.27	637	33.22	100	80.20.48	235	114	294	50.33	637	23
8	66	246	13. 8	638	43.15	95	80.44.17	237	113	293	46.52	638	22
9	67	247	16.57	640	21.52.42	90	81. 7.58	239	112	292	43. 3	640	21
10	68	248	20.54	641	22. 1.45	86	31.53	241	111	291	39. 6	641	20
11	69	249	24.59	642	10.22	82	81.56. 0	243	110	290	35. 1	642	19
12	70	250	29.12	643	18.35	78	82.20.18	245	109	289	30.48	643	18
13	71	251	33.32	645	26.22	74	82.44.47	247	108	288	26.28	645	17
14	72	252	37.59	646	33.44	69	83. 9.28	248	107	287	22. 1	646	16
15	73	253	42.33	647	40.39	65	34.17	250	106	286	17.27	647	15
16	74	254	47.13	648	47.10	60	83.59.17	251	105	285	12.47	648	14
17	75	255	51.59	648	53.13	56	84.24.25	253	104	284	8. 1	648	13
18	76	256	56.51	649	22.58.51	51	84.49.42	254	103	283	3. 9	649	12
19	78	258	1.47	650	23. 4. 3	47	85.15. 6	255	101	281	58.13	650	11
20	79	259	6.48	651	8.47	43	85.40.38	256	100	280	53.12	651	10
21	80	260	11.54	652	13. 5	38	86. 6.15	257	99	279	48. 6	652	9
22	81	261	17. 4	652	16.56	34	31.59	258	98	278	42.56	652	8
23	82	262	22.18	653	20.20	29	86.57.48	259	97	277	37.42	653	7
24	83	263	27.35	653	23.18	24	87.23.41	260	96	276	32.25	653	6
25	84	264	32.55	654	25.48	20	87.49.38	260	95	275	27. 5	654	5
26	85	265	38.18	654	27.51	16	88.15.39	260	94	274	21.42	654	4
27	86	266	43.42	654	29.27	11	88.41.42	261	93	273	16.18	654	3
28	87	267	49. 7	654	30.35	7	89. 7.48	261	92	272	10.53	654	2
29	88	268	54.33	654	31.17	2	89.33.54	261	91	271	5.27	654	1
30	90	270	0. 0		23.31.30		90. 0. 0		90	270	0. 0		0
					Par. ′ ″	Decrem. in 10′	Par. ′ ″	Decrem. in 10′	Tem.	Tem.	Sc. cõmunia.	Increm. in 10′	Gr.
					Declinatio.		Ang. Eclip. et Meridiani.		♋	♑	Ascensiones rectæ.		

SYNOPSIS Differentiarum Ascensionalium præcipuarum.

Alt. Poli.	6	12	18	24	30	36	42	48	54	60	66	72	78	84
1	9.26	4.42	3. 4	2.15	1.44	1.23	1.10	0.54	0.44	0.35	0.27	0.20	0.13	0. 6
2	18.22	9.19	6. 8	4.29	3.27	2.45	2.19	1.48	1.27	1. 9	0.53	0.39	0.25	0.13
3	26.28	13.50	9. 9	6.42	5.11	4. 7	3.20	2.42	1.11	1.44	1.20	0.59	0.39	0.19
4	33.34	18.10	12. 7	8.54	6.53	5.31	4.26	3.36	2.54	2.18	1.47	1.18	0.51	0.25
5	39.40	22.18	15. 1	11. 5	8.35	6.50	5.32	4.29	3.37	2.53	2.13	1.37	1. 4	0.31
6	44.51	26.11	17.50	13.13	10.16	8.16	6.37	5.23	4.20	3.27	2.40	1.57	1.17	0.38
7	49.13	29.50	20.34	15.19	11.55	9.31	7.43	6.16	5. 4	4. 1	3. 6	2.26	1.29	0.44
8	52.56	33.13	23.11	17.22	13.33	10.51	8.47	7. 9	5.46	4.36	3.33	2.35	1.42	0.51
9	56. 5	36.21	25.42	19.22	15.10	12. 9	9.51	8. 1	6.29	5.10	3.59	2.55	1.54	0.57
10	58.49	39.15	28. 7	21.18	16.44	13.27	10.55	8.53	7.11	5.43	4.25	3.14	2. 7	1. 3
12	63.12	44.22	32.37	25. 2	19.48	15.58	13. 0	10.36	8.41	6.51	5.17	3.53	2.32	1.15
14	66.31	48.42	36.40	28.31	22.44	18.25	15. 2	12.17	9.58	7.57	6. 9	4.30	2.57	1.27
16	69. 8	52.22	40.19	31.46	25.31	20.47	17. 1	13.55	11.19	9. 3	7. 0	5. 7	3.22	1.40
18	71.13	55.29	43.34	34.46	28. 9	23. 2	18.57	15.33	12.39	10. 7	7.50	5.44	3.46	1.52
20	72.55	58. 8	46.28	37.32	30.39	25.13	20.48	17. 7	13.57	11.10	8.39	6.20	4.10	2. 4
24	75.31	62.25	51.23	42.25	35.10	29.14	24.19	20. 7	16.28	13.13	10.16	7.32	4.56	2.27
28	77.23	65.38	55.19	46.31	39. 7	32. 4	27.32	22.56	18.50	15.10	11.48	8.40	5.42	2.49
32	78.47	68. 9	58.27	49.58	42.33	36. 6	30.29	25.31	21. 3	17. 1	13.17	9.46	6.26	3.11
36	79.52	70. 7	61. 4	52.51	45.31	38.58	33. 8	27.53	23. 8	18.45	14.40	10.49	7. 8	3.32
40	80.43	71.42	63.11	55.18	48. 4	41.30	35.31	30. 4	25. 2	20.22	15.58	11.48	7.47	3.52
50	82.11	74.30	67. 1	59.50	53. 0	46.31	40.23	34.36	29. 6	23.52	18.50	13.59	9.15	4.36
60	83. 4	76.13	69.26	62.48	56.19	50. 0	43.53	37.57	32.11	26.34	21. 5	15.43	10.26	5.12
70	83.37	77.15	70.56	64.39	58.26	52.17	46.13	40.14	34.19	28.29	22.42	16.59	11.18	5.38
80	83.54	77.49	71.44	65.40	59.37	53.35	47.34	41.34	35.35	29.37	23.41	17.45	11.49	5.55
90	84. 0	78. 0	72. 0	66. 0	60. 0	54. 0	48. 0	42. 0	36. 0	30. 0	24. 0	18. 0	12. 0	6. 0

Differentia Ascensionalis. — *In arcus sunt Declinationes.*

Punctum, quod maiorem ista Declinationem habet, sub Altitudine Poli superscripta non attingit Horizontem ascensu descensuve.

Tabula Anguli ORIENTIS

QVA SCALA TRANSIT, ZONÆ TORRI-

Poli	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Bore
Grad.	p. ass.	p. ass.	p. ass.	p. ass.	p. ass.	p. ass.	p. ass.	p. ass.	p. ass.	p. ass.	p. ass.	p. ass.	p. ass.	p. ass.	p. ass.	
♈ 0	65 ♌	64 ♌	63 ♌	62 ♌	61 ♌	60 ♌	59 ♌	58 ♌	57 ♌	56 ♌	55 ♌	54 ♌	53 ♌	52 ♌	51 ♌	30
3	65 ♌	64 ♌	63 ♌	62 ♌	61 ♌	60 ♌	59 ♌	58 ♌	57 ♌	56 ♌	55 ♌	54 ♌	53 ♌	52 ♌	51 ♌	27
6	65 ♍	64 ♍	63 ♍	62 ♍	61 ♍	60 ♍	59 ♍	58 ♍	57 ♍	56 ♍	55 ♍	54 ♍	53 ♍	52 ♍	51 ♍	24
9	65 ♎	64 ♎	63 ♎	62 ♎	61 ♎	60 ♎	59 ♎	58 ♎	57 ♎	56 ♎	55 ♎	54 ♎	53 ♎	52 ♎	51 ♎	21
12	65 ♏	64 ♏	63 ♏	62 ♏	61 ♏	60 ♏	59 ♏	58 ♏	57 ♏	56 ♏	55 ♏	54 ♏	53 ♏	52 ♏	51 ♏	18
15	66 ♐	65 ♐	64 ♐	63 ♐	62 ♐	61 ♐	60 ♐	59 ♐	58 ♐	57 ♐	56 ♐	55 ♐	54 ♐	53 ♑	52 ♑	15
18	66 ♐	65 ♐	64 ♐	63 ♐	62 ♐	61 ♐	60 ♐	59 ♑	58 ♑	57 ♑	56 ♑	55 ♑	54 ♑	53 ♑	52 ♑	12
21	66 ♑	65 ♑	64 ♑	63 ♑	62 ♑	61 ♑	60 ♑	59 ♑	58 ♑	57 ♑	56 ♑	55 ♑	54 ♑	53 ♑	52 ♑	9
24	67 ♑	66 ♑	65 ♑	64 ♑	63 ♑	62 ♑	61 ♑	60 ♐	59 ♐	58 ♐	57 ♐	56 ♐	55 ♐	54 ♑	53 ♑	6
27	67 ♒	66 ♒	65 ♒	64 ♒	63 ♒	62 ♒	61 ♒	60 ♒	59 ♒	58 ♒	57 ♒	56 ♒	55 ♒	54 ♒	53 ♒	3
30	68 ♒	67 ♒	66 ♒	65 ♑	64 ♑	63 ♑	62 ♐	61 ♐	60 ♐	59 ♐	58 ♑	57 ♑	56 ♑	55 ♑	54	0 ♈
♉ 3	68 ♒	67 ♒	66 ♒	65 ♑	64 ♑	63 ♑	62 ♒	61 ♒	60 ♒	59 ♒	58 ♑	57 ♑	56 ♑	55 ♒	54 ♒	27
6	69 ♒	68 ♒	67 ♌	66 ♌	65 ♌	64 ♓	63 ♓	62 ♓	61 ♒	60 ♒	59 ♑	58 ♑	57 ♑	56 ♐	55 ♐	24
9	70 ♑	69 ♑	68 ♐	67 ♐	66 ♐	65 ♓	64 ♓	63 ♓	62	61	59 ♒	58 ♒	57 ♒	56 ♑	55 ♑	21
12	71	70	69	67 ♒	66 ♒	65 ♑	64 ♑	63 ♑	62 ♑	61 ♑	60 ♑	59 ♒	58 ♒	57 ♌	56 ♌	18
15	71 ♒	70 ♑	69 ♑	68 ♑	67 ♑	66 ♒	65 ♒	64 ♌	63 ♌	62 ♓	61 ♓	60 ♓	59 ♒	58 ♌	57 ♌	15
18	72 ♑	71 ♑	70 ♒	69 ♒	68 ♌	67 ♓	66 ♓	65 ♒	64 ♒	63 ♌	62 ♌	61 ♐	60 ♐	59 ♓	58	12
21	73 ♑	72 ♒	71 ♌	70 ♌	69 ♓	68 ♒	67 ♒	66 ♌	65 ♌	64 ♐	63 ♓	62 ♓	61	59 ♒	58 ♑	9
24	74 ♒	73 ♒	72 ♌	71 ♓	70 ♒	69 ♒	68 ♌	67 ♐	66 ♐	65 ♓	64	63	61 ♑	60 ♑	59 ♑	6
27	75 ♒	74 ♒	73 ♌	72 ♓	71 ♒	70 ♒	69 ♌	68 ♐	67 ♓	66 ♓	65	63 ♑	62 ♑	61 ♑	60 ♑	3
30	76 ♓	75 ♒	74 ♌	73 ♓	72 ♓	71 ♒	70 ♌	69 ♐	68 ♓	67 ♓	66	64 ♑	63 ♑	62 ♑	61 ♓	0 ♉
♊ 3	77 ♓	76 ♓	75 ♒	74 ♌	73 ♌	72 ♓	71 ♒	70 ♌	69 ♐	68 ♓	67 ♓	66	64 ♑	63 ♑	62 ♓	27
6	78 ♈	77 ♈	76 ♓	75 ♓	74 ♓	73 ♒	72 ♓	71 ♒	70 ♌	69 ♐	68 ♓	67 ♓	66	64 ♑	63 ♑	24
9	80 ♓	79	77 ♈	76 ♈	75 ♓	74 ♓	73 ♒	72 ♌	71 ♓	70 ♓	69 ♐	68 ♐	67 ♓	66	64 ♑	21
12	81 ♓	80 ♐	79 ♓	78	76 ♈	75 ♈	74 ♓	73 ♓	72 ♒	71 ♌	70 ♓	69 ♓	68 ♐	67 ♐	66 ♓	18
15	82 ♌	81 ♓	80 ♈	79 ♓	78 ♐	77 ♓	76	74 ♈	73 ♈	72 ♓	71 ♒	70 ♌	69 ♌	68 ♈	67 ♓	15
18	83 ♓	82 ♓	81 ♒	80 ♌	79 ♓	78 ♈	77 ♓	76 ♓	75 ♓	73 ♈	72 ♈	71 ♓	70 ♓	69 ♒	68 ♌	12
21	85	83 ♈	82 ♈	81 ♓	80 ♓	79 ♒	78 ♌	77 ♓	76 ♈	75 ♓	74 ♐	73	71 ♈	70 ♈	69 ♓	9
24	86 ♈	85 ♓	84 ♐	83 ♓	81 ♈	80 ♈	79 ♓	78 ♓	77 ♓	76 ♌	75 ♓	74 ♈	73 ♓	72 ♓	71	6
27	87 ♒	86 ♌	85 ♓	84 ♈	83 ♓	82 ♐	81 ♓	80	78 ♈	77 ♓	76 ♓	75 ♒	74 ♌	73 ♓	72 ♈	3
30	88 ♈	87 ♈	86 ♓	85 ♓	84 ♌	83 ♓	82 ♈	81 ♓	80 ♐	79 ♓	78	76 ♈	75 ♈	74 ♓	73 ♒	0 ♊
♋ 3	89 ♓	89 ♓	88	86 ♈	85 ♈	84 ♓	83 ♓	82 ♒	81 ♌	80 ♓	79 ♈	78 ♐	77 ♓	76	74 ♓	27
6	88 ♌	89 ♒	89 ♈	88 ♓	87 ♐	86 ♓	85	83 ♈	82 ♓	81 ♓	80 ♒	79 ♌	78 ♓	77 ♈	76 ♓	24
9	87 ♐	88 ♓	89 ♈	89 ♌	88 ♓	87 ♓	86 ♓	85 ♐	84 ♓	82 ♈	81 ♈	80 ♈	79 ♓	78 ♓	77 ♓	21
12	85 ♈	87	88 ♓	89 ♐	89 ♓	88 ♓	87 ♓	86 ♓	85 ♐	84 ♓	83 ♐	82 ♓	81	79 ♈	78 ♈	18
15	84 ♓	85 ♓	86 ♈	87 ♈	89	89 ♈	88 ♈	87 ♓	86 ♓	85 ♒	84 ♌	83 ♓	82 ♓	81 ♐	80 ♓	15
18	83 ♓	84 ♌	85 ♒	86 ♓	87 ♓	88 ♈	89 ♈	89	87 ♈	86 ♈	85 ♓	84 ♓	83 ♒	82 ♌	81 ♓	12
21	82 ♐	83 ♒	84 ♐	85 ♓	87 ♐	88 ♓	89 ♓	89 ♓	89 ♐	88 ♓	89 ♐	88 ♓	83 ♒	82 ♓	82 ♓	9
24	81 ♓	82 ♓	83 ♐	84 ♒	85 ♐	86 ♓	87 ♌	88 ♒	89 ♓	89 ♓	88 ♐	87 ♒	86 ♓	85	83 ♈	6
27	79 ♈	81	82	83 ♓	84 ♐	85 ♒	86 ♐	87 ♓	88 ♓	89 ♌	89 ♓	88 ♐	87 ♒	86 ♐	85 ♓	3
30	78 ♓	79 ♈	80 ♈	82	83 ♓	84 ♓	85 ♐	86 ♒	87 ♐	88 ♓	89 ♓	89 ♌	88 ♓	87 ♐	86 ♒	0 ♋
♌ 3	77 ♓	78 ♓	79 ♈	80 ♈	82	83	84 ♓	85 ♐	86 ♒	87 ♐	88 ♐	89 ♓	89 ♒	88 ♌	87 ♓	27
6	76 ♓	77 ♓	78 ♈	79 ♈	80 ♈	82	83	84 ♓	85 ♐	86 ♒	87 ♐	88 ♐	89 ♐	89 ♒	88 ♌	24
9	75 ♓	76 ♓	77 ♈	78 ♈	79 ♈	81	82 ♓	83 ♓	84 ♐	85 ♐	86 ♒	97 ♐	88 ♐	89 ♓	89 ♌	21
12	74 ♈	75 ♈	76 ♈	77 ♈	79	80 ♓	81 ♓	82 ♐	83 ♐	84 ♒	85 ♐	86 ♐	87 ♓	88 ♓	89 ♌	18
15	73 ♈	75	76	77 ♓	78 ♓	79 ♐	80 ♐	81 ♒	82 ♒	83 ♐	84 ♓	85 ♓	86 ♌	87 ♌	88 ♒	15
18	73 ♓	74 ♐	75 ♐	76 ♒	77 ♒	78 ♐	79 ♐	80 ♓	81 ♓	82 ♓	83 ♌	84 ♒	85 ♒	86 ♓	87 ♓	12
21	72 ♐	73 ♐	74 ♓	75 ♓	76 ♌	77 ♌	78 ♒	79 ♒	80 ♒	81 ♓	82 ♓	83 ♓	84 ♒	85 ♓	86 ♓	9
24	71 ♒	72 ♓	73 ♓	74 ♓	75 ♓	76 ♓	77 ♐	78 ♐	79 ♐	80 ♐	81 ♐	83	84	85	86 ♓	6
27	71	72	73	74 ♓	75 ♓	76 ♓	77 ♐	78 ♐	79 ♐	80 ♐	81 ♒	82 ♒	83 ♒	84 ♐	85 ♐	3
30	70 ♓	71 ♓	72 ♓	73 ♓	74 ♓	75 ♌	76 ♌	77 ♌	78 ♌	79 ♒	80 ♒	81 ♒	82 ♒	83 ♓	84 ♓	0 ♌
♍ 3	69 ♐	70 ♐	71 ♐	72 ♐	73 ♐	74 ♐	75 ♐	76 ♐	77 ♐	78 ♐	80	81	82	83	84 ♓	27
6	69 ♒	70 ♒	71 ♒	72 ♓	73 ♓	74 ♓	75 ♓	76 ♓	77 ♓	78 ♓	79 ♓	80 ♓	81 ♌	82 ♌	83 ♌	24
9	68 ♐	69 ♐	70 ♐	71 ♐	72 ♐	73 ♐	74 ♐	76	77	78	79	80	81	82	83	21
12	68 ♌	69 ♌	70 ♌	71 ♒	72 ♒	73 ♌	74 ♒	75 ♒	76 ♒	77 ♒	78 ♒	79 ♒	80 ♒	81 ♒	82 ♓	18
15	68 ♌	69 ♒	70 ♒	71 ♒	72 ♒	73 ♒	74 ♒	75 ♒	76 ♒	77 ♒	78 ♒	79 ♒	80 ♒	81 ♒	82 ♓	15
18	67 ♐	68 ♐	69 ♐	71	72	73	74	75	76	77	78	79	80	81	82	12
21	67 ♑	68 ♑	69 ♑	70 ♑	71 ♑	72 ♑	73 ♑	74 ♑	75 ♑	76 ♑	77 ♑	78 ♑	79 ♑	80 ♑	81 ♑	9
24	67 ♒	68 ♒	69 ♒	70 ♒	71 ♒	72 ♒	73 ♒	74 ♒	75 ♒	76 ♒	77 ♒	78 ♒	79 ♒	80 ♒	81 ♒	6
27	67 ♌	68 ♌	69 ♌	70 ♌	71 ♌	72 ♌	73 ♌	74 ♌	75 ♌	76 ♌	77 ♌	78 ♌	79 ♌	80 ♌	81 ♌	3
30	67 ♌	68 ♌	69 ♌	70 ♌	71 ♌	72 ♌	73 ♌	74 ♌	75 ♌	76 ♌	77 ♌	78 ♌	79 ♌	80 ♌	81 ♌	0 ♍

Poli	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Bore
Ab ortu	2.30 ♑	5. 1 ♑	7.32 ♑	10. 4 ♑	12.37 ♑	15.11 ♑	17.47 ♑	20.25 ♑	23. 5 ♑	25.47 ♑	28.36 ♑	1.26 ♒	4.18 ♒	7.19 ♒	10.26 ♒	ad ortum

Nonagesimus vergit in Boream, residuo Eclipticæ quod est supra Scalam, oriente, in Austrum.

seu Altitudinis Nonagesimi.

DÆ FINES SVNT.

II. Clima.
ZONA TEMPERATA.
Nonagesimi ex asc. Semic. stant in Quadr. orientali.

i Alt-	16	17	18	19	20	21	22	23	23ſſ	24	25	26	27	28	29	itudo
Grad	p. asſ.	p. asſ.	p. asſ.	p. asſ.	p. asſ.	p. asſ.	p. asſ.	p. asſ.	p. asſ.	p. asſ.	p. asſ.	p. asſ.	p. asſ.	p. asſ.	p. asſ.	
♈ 0	50ſſ	49ſſ	48ſſ	47ſſ	46ſſ	45ſſ	44ſſ	43ſſ	43	42ſſ	41ſſ	40ſſ	39ſſ	38ſſ	37ſſ	30
3	50ſſ	49ſſ	48ſſ	47ſſ	46ſſ	45ſſ	44ſſ	43ſſ	43	42ſſ	41ſſ	40ſſ	39ſſ	38ſſ	37ſſ	27
6	50p	49p	48p	47p	46p	45p	44p	43p	43u	42p	41p	40p	39p	38p	37p	24
9	50b	49d	48b	47b	46b	45b	44b	43b	43ſ	42b	41b	40b	39b	38b	37b	21
12	50c	49e	48e	47c	46c	45c	44c	43c	43t	42c	41c	40c	39c	38c	37c	18
15	51u	50ſ	49u	48u	47u	46u	45u	44u	43p	43u	42u	41u	40u	39u	38	15
18	51n	50n	49n	48t	47t	46t	45t	44t	43c	43t	42t	41t	40t	39t	38q	12
21	51d	50b	49b	48b	47b	46b	45b	44b	44u	43p	42p	41p	40p	39p	38p	9
24	52u	51u	50n	49u	48u	47	46	45	44n	43e	42e	41e	40e	39e	38e	6
27	52ſſ	51ſſ	50ſſ	49ſſ	48n	47n	46n	45n	44c	44t	43t	42t	41t	40q	39q	3
30	53	52	51	49e	48e	47c	46c	45c	45t	44c	43c	42d	41d	40d	39b	0 ♓
♉ 3	53p	52ſſ	51ſſ	50ſſ	49n	48n	47n	46n	45c	45t	44t	43q	42q	41ſ	40ſ	27
6	54ſ	53u	52u	51u	50	49	48	46e	46n	45c	44c	43c	42d	41d	40b	24
9	54d	53d	52b	51b	50b	49p	48p	47ſſ	47	46n	45n	44n	43t	42t	41q	21
12	55n	54t	53n	52t	51q	50q	49ſ	48ſ	47p	47u	46u	45	43e	42e	41c	18
15	56ſ	55u	54u	53u	52	50e	49e	48c	48q	47c	46d	45b	44p	43p	42ſſ	15
18	56e	55e	54e	53c	52d	51b	50b	49p	49u	48ſſ	47ſſ	46n	45t	44q	43q	12
21	57c	56d	55d	54b	53p	52ſſ	51ſſ	50n	49c	49t	48t	47q	46ſ	45u	44	9
24	58d	57d	56p	55ſſ	54ſſ	53n	52t	51t	50d	50q	49ſ	48u	47	45e	44c	6
27	59b	58b	57ſſ	56n	55n	54t	53q	52ſ	51p	51u	50	48e	47c	46c	45b	3
30	60b	59p	58ſſ	57n	56t	55q	54ſ	53u	52ſſ	52	50e	49c	48d	47b	46p	0 ♒
♊ 3	61b	60p	59ſſ	58n	57t	56p	55ſ	54u	53ſſ	53	51e	50c	49d	48b	47p	27
6	62d	61b	60p	59ſſ	58n	57t	56q	55ſ	54p	54u	53	51e	50c	49b	48p	24
9	63c	62d	61b	60p	59ſſ	58n	57t	56q	55b	55ſ	54u	52e	51c	50d	49b	21
12	65	63e	62c	61d	60b	59p	58n	57t	56c	56q	55ſ	54u	53	51c	50d	18
15	66ſ	65u	64	62e	61c	60d	59p	58ſſ	58	57ſſ	56t	55q	54u	53	51c	15
18	67n	66t	65q	64ſ	63	61e	60c	59d	59ſ	58b	57ſſ	56n	55q	5[illegible]ſ	53u	12
21	68b	67p	66ſſ	65t	64q	63ſ	62u	60e	60t	59c	58d	57p	56ſſ	55n	54q	9
24	69d	68c	67d	66b	65ſſ	64n	63t	62q	61p	61u	60	58c	57d	56p	55ſſ	6
27	71q	70u	69	67e	66c	65b	64p	63ſſ	62c	62t	61q	60ſ	59	57e	56d	3
30	72ſſ	71n	70t	69ſ	68u	67	65e	64d	64ſ	63d	62p	61n	60t	59ſ	58u	0 ♈
♋ 3	73c	72d	71p	70ſſ	69n	68t	67ſ	66u	65ſſ	65	63c	62d	61b	60ſſ	59n	27
6	75ſ	74	72e	71c	70d	69b	68ſſ	67n	66c	66t	65ſ	64u	63	61c	60d	24
9	76n	75t	74q	73ſ	72u	70e	69c	68d	68ſ	67p	66ſſ	65n	64q	63ſ	62u	21
12	77d	76b	75p	74n	73t	72q	71ſ	70n	69ſſ	68e	67c	66d	65p	64ſſ	63n	18
15	79	77e	76c	75d	74b	73p	72ſſ	71t	70d	70q	69ſ	68u	66e	65c	64d	15
18	80t	79q	78u	77	75e	74c	73d	72b	72u	71p	70ſſ	69n	68q	67ſ	66u	12
21	81p	80ſſ	79n	78t	77q	76ſ	75u	74	73n	72c	71d	70b	69p	68ſſ	67t	9
24	82c	81d	80b	79p	78ſſ	77n	76t	75q	74b	74ſ	73u	71e	70c	69d	68b	6
27	84	82e	81e	80d	79b	78b	77p	76ſſ	75e	75n	74q	73q	72ſ	71	69c	3
30	85ſ	84ſ	83u	82	80e	79c	78d	77b	77u	76p	75ſſ	74n	73t	72q	71ſ	0 ♐
♌ 3	86t	85q	84ſ	83u	82u	81	79c	78c	78q	77d	76b	75p	74ſſ	73n	72t	27
6	87n	86t	85q	84q	83ſ	82u	81	80	79t	78c	77c	76d	75b	74p	73ſſ	24
9	88ſſ	87n	86t	85q	84q	83ſ	82u	81u	80ſſ	80	78e	77c	76c	75d	74b	21
12	89n	88n	87t	86t	85q	84ſ	83ſ	82u	81p	81	80	78e	77c	76d	75d	18
15	89b	89t	88q	87q	86q	85ſ	84u	83u	82ſſ	82	81	79e	78c	77c	76d	15
18	88d	89d	89q	88ſ	87ſ	86u	85u	84	83ſſ	83	81e	80c	79c	78d	77d	12
21	87c	88e	89e	89u	88	87	85c	84c	84t	83c	82c	81d	80d	79b	78b	9
24	87	88u	89ſ	89c	88c	87d	86d	85b	85ſ	84b	83p	82p	81p	80ſſ	79ſſ	6
27	86t	87n	88n	89n	89p	88ſſ	87ſſ	86n	85e	85n	84n	83t	82t	81t	80q	3
30	85b	86d	87d	88d	89d	89ſ	88ſ	87ſ	86p	86ſ	85u	84u	83u	82	81	0 ♏
♍ 3	85u	86u	87ſ	88ſ	89ſ	89c	88c	87d	87q	86d	85d	84b	83b	82b	81b	27
6	84ſſ	85p	86p	87p	88p	89p	89n	88t	87c	87t	86t	85q	84q	83q	82q	24
9	84u	85u	86u	87u	88u	89u	89e	88c	88t	87c	86c	85c	84c	83c	82d	21
12	83b	84b	85b	86b	87b	88b	89b	89q	88q	87q	86q	85q	84q	83q	82q	18
15	83t	84t	85t	86t	87t	88t	89t	89b	89ſ	88p	87b	86p	85p	84p	83p	15
18	83	84	85	86	87	88	89	89e	89n	88e	87e	86e	85e	84e	83e	12
21	82d	83d	84d	85d	86d	87d	88d	89d	89b	89q	88q	87q	86q	85q	84ſ	9
24	82b	83b	84b	85b	86b	87b	88b	89b	89c	89t	88t	87t	86t	85t	84t	6
27	82ſſ	83ſſ	84ſſ	85ſſ	86ſſ	87ſſ	88ſſ	89ſſ	89e	89ſſ	88ſſ	87ſſ	86ſſ	85ſſ	84ſſ	3
30	82ſſ	83ſſ	84ſſ	85ſſ	86ſſ	87ſſ	88ſſ	89ſſ	90	89ſſ	88ſſ	87ſſ	86ſſ	85ſſ	84ſſ	0 ♎
i Alt-	16	17	18	19	20	21	22	23	23ſſ	24	25	26	27	28	29	itudo
Ab ortu / Ad	♌ 13.41 / ♏ 16.19	♌ 17. 7 / ♏ 12.55	♌ 20.44 / ♏ 9.16	♌ 24.39 / ♏ 5.21	♌ 28.58 / ♏ 1. 2	♍ 3.55 / ♎ 26. 5	♍ 9.48 / ♎ 20.12	♍ 18.13 / ♎ 11.47								

Nonagesimi ex desc. Semic. stant in Quadr. occiduo.

VII. Parallelus. VIII. Parallelus.

Nonagesimus in Boream, residuo supra Scalam in Austrum.

5	ʒ	1
10	ſ	2
15	q	3
20	t	4
25	n	5
30	ſſ	6
35	p	7
40	b	8
45	d	9
50	c	10
55	e	11
60	a	12

Tabula Anguli ORIENTIS

III. Clima. IV. Clima. V. Clima.

ZONA TEM-

Nonageſimi ex aſcendente Semicirculo Zodi-

Poli	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	Bore
Grad	p.aſc.	p.aſc.	p.aſc.	p.aſc.	p.aſc.	p.aſc.	p.aſc.	p.aſc.	p.aſc.	p.aſc.	p.aſc.	p.aſc.	p.aſc.	p.aſc.	p.aſc.	
♈ 0	36ſſ	35ſſ	34ſſ	33ſſ	32ſſ	31ſſ	30ſſ	29ſſ	28ſſ	27ſſ	26ſſ	25ſſ	24ſſ	23ſſ	22ſſ	30
3	36ſſ	35ſſ	34ſſ	33ſſ	32ſſ	31ſſ	30ſſ	29ſſ	28ſſ	27ſſ	26ſſ	25ſſ	24ſſ	23ſſ	22ſſ	27
6	36p	35p	34p	33p	32p	31p	30p	29p	28p	27p	26p	25p	24p	23p	22p	24
9	36b	35b	34b	33b	32b	31b	30b	29b	28b	27b	26b	25b	24b	23b	22b	21
12	36c	35c	34c	33c	32c	31c	30c	29c	28d	27d	26d	25d	24d	23d	22d	18
15	37	36	35	34	33	32	31	30	29	28	26e	25e	24e	23e	22e	15
18	37q	36q	35q	34q	33q	32q	31ſ	30ſ	29ſ	28ſ	27ſ	26ſ	25n	24n	23n	12
21	37p	36p	35ſſ	34ſſ	33ſſ	32ſſ	31ſſ	30n	29n	28n	27n	26n	25t	24t	23t	9
24	37c	36c	35c	34c	33c	32d	31d	30d	29d	28b	27b	26b	25p	24p	23p	6
27	38q	37q	36ſ	35ſ	34ſ	33ſ	32n	31n	30	29	28	26e	25e	24c	23c	3
30	38b	37b	36p	35p	34p	33ſſ	32ſſ	31n	30n	29n	28t	27t	26q	25q	24ſ	0 ♌
♉ 3	39ſ	38n	37n	36	35	34	32e	31e	30c	29c	28d	27d	26b	25b	24p	27
6	39b	38p	37p	36ſſ	35ſſ	34n	33n	32t	31t	30q	29q	28ſ	27n	26n	25	24
9	40q	39ſ	38ſ	37n	36	35	33e	32e	31c	30d	29b	28b	27p	26ſſ	25n	21
12	40c	39d	38d	37b	36p	35p	34ſſ	33n	32t	31t	30q	29ſ	28n	27	25e	18
15	41ſſ	40n	39n	38t	37q	36ſ	35n	34	32e	31e	30c	29d	28b	27p	26ſſ	15
18	42ſ	41ſ	40n	39	37e	36c	35d	34b	33p	32p	31ſſ	30t	29q	28ſ	27n	12
21	42e	41c	40d	39d	38b	37p	36ſſ	35n	34t	33q	32ſ	31	29e	28c	27d	9
24	43d	42b	41p	40ſſ	39n	38t	37q	36ſ	35n	33c	32c	31d	30b	29ſſ	28n	6
27	44p	43ſſ	42n	41t	40q	39ſ	38n	37	35c	34d	33b	32ſſ	31n	30t	29ſ	3
30	45ſſ	44t	43t	42q	41ſ	40	38e	37c	36b	35p	34ſſ	33t	32q	31n	30	0 ♒
♊ 3	46ſſ	45n	44q	43ſ	42n	41	39c	38d	37b	36ſſ	35n	34q	33n	32	30c	27
6	47ſſ	46t	45q	44ſ	43n	41e	40c	39b	38p	37n	36t	35ſ	34	32e	31d	24
9	48ſſ	47n	46t	45q	44n	43	41c	40d	39p	38n	37t	36ſ	35	33c	32b	21
12	49b	48ſſ	47n	46q	45ſ	44	42c	41d	40p	39ſſ	38t	37ſ	36	34c	33b	18
15	50d	49b	48ſſ	47n	46q	45n	44	42c	41b	40p	39n	38q	37n	35e	34d	15
18	51c	50c	49b	48p	47n	46q	45ſ	44	42c	41b	40ſſ	39t	38ſ	37	35c	12
21	53ſ	52	50e	49d	48p	47ſſ	46t	45ſ	44	42e	41d	40p	39t	38ſ	37	9
24	54n	53q	52ſ	51	49c	48d	47p	46n	45q	44n	42e	41d	40p	39n	38q	6
27	55b	54ſſ	53n	52q	51n	50	48c	47b	46ſſ	45t	44ſ	43	41c	40b	39ſſ	3
30	57	55c	54b	53p	52n	51q	50ſ	49	47c	46b	45ſſ	44t	43ſ	41e	40d	0 ♍
♋ 3	58q	57ſ	56	54c	53d	52p	51n	50q	49ſ	48	46c	45b	44n	43q	42n	27
6	59p	58ſſ	57t	56ſ	55n	53e	52d	51b	50ſſ	49t	48ſ	47	45c	44p	43n	24
9	60e	59c	58b	57p	56n	55q	54ſ	53	51c	50b	49ſſ	48t	47ſ	46	44c	21
12	62q	61ſ	60	58e	57d	56b	55ſſ	54t	53ſ	52n	50e	49d	48p	47n	46ſ	18
15	63p	62ſſ	61t	60q	59n	58	56c	55d	54p	53n	52q	51n	49e	48d	47p	15
18	64e	63c	62b	61p	60ſſ	59t	58q	57n	55e	54d	53b	52ſſ	51t	50ſ	49	12
21	66q	65ſ	64n	62e	61c	60b	59p	58n	57t	56ſ	55	53e	52d	51n	50n	9
24	67p	66n	65t	64q	63n	62	60e	59d	58b	57ſſ	56n	55q	54n	52e	51d	6
27	68c	67d	66b	65ſſ	64n	63t	62ſ	61n	60	58c	57d	56p	55n	54t	53ſ	3
30	70n	69	67e	66c	65b	64p	63ſſ	62n	61q	60ſ	59	57e	56c	55b	54ſſ	0 ♎
♌ 3	71q	70ſ	69n	68	66e	65c	64d	63b	62ſſ	61n	60t	59ſ	58n	57	55c	27
6	72ſſ	71n	70t	69q	68ſ	67n	66	64e	63d	62b	61p	60ſſ	59n	58q	57ſ	24
9	73p	72ſſ	71n	70n	69t	68q	67ſ	66n	65	63e	62c	61b	60p	59ſſ	58n	21
12	74b	73p	72ſſ	71ſſ	70n	69t	68q	67ſ	66n	65	63e	62c	61d	60b	59p	18
15	75b	74p	73p	72ſſ	71n	70t	69t	68q	67ſ	66n	65	63e	62c	61c	60b	15
18	76b	75p	74p	73ſſ	72n	71n	70t	69q	68ſ	67ſ	66n	65	63e	62c	61d	12
21	77p	76ſſ	75ſſ	74n	73n	72t	71t	70q	69ſ	68ſ	67n	66	64e	63e	62c	9
24	78n	77n	76t	75t	74q	73q	72ſ	71ſ	70n	69n	68	66e	65e	64c	63d	6
27	79q	78ſ	77ſ	76ſ	75n	74n	73	72	70e	69e	68c	67c	66d	65d	64b	3
30	80	78e	77e	76e	75c	74c	73d	72d	71d	70b	69b	68p	67p	66p	65ſſ	0 ♏
♍ 3	80b	79p	78p	77p	76p	75ſſ	74ſſ	73ſſ	72n	71n	70n	69t	68t	67q	66q	27
6	81q	80q	79ſ	78ſ	77ſ	76ſ	75ſ	74n	73n	72n	71	70	69	67e	66e	24
9	81d	80d	79d	78d	77b	76b	75b	74b	73b	72p	71p	70p	69p	68ſſ	67ſſ	21
12	82q	81q	80q	79ſ	78ſ	77ſ	76ſ	75ſ	74ſ	73n	72n	71n	70n	69n	68n	18
15	82b	81p	80p	79p	78p	77p	76p	75p	74p	73p	72ſſ	71ſſ	70ſſ	69ſſ	68ſſ	15
18	82e	81e	80c	79e	78e	77e	76e	75e	74e	73e	72e	71e	70e	69e	68c	12
21	83ſ	82ſ	81ſ	80ſ	79ſ	78ſ	77ſ	76ſ	75ſ	74ſ	73ſ	72ſ	71ſ	70ſ	69ſ	9
24	83t	82t	81t	80t	79t	78t	77t	76t	75t	74t	73t	72t	71t	70t	69t	6
27	83ſſ	82ſſ	81ſſ	80ſſ	79ſſ	78ſſ	77ſſ	76ſſ	75ſſ	74ſſ	73ſſ	72ſſ	71ſſ	70ſſ	69ſſ	3
30	83ſſ	82ſſ	81ſſ	80ſſ	79ſſ	78ſſ	77ſſ	76ſſ	75ſſ	74ſſ	73ſſ	72ſſ	71ſſ	70ſſ	69ſſ	0 ♐
Poli	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	Bore

Nonageſimi ex deſcendente Semicirculo Zodi-

IX. Parallelus. X. XI. XII. XIII. XIV.

seu Altitudinis Nonagesimi.

VI. Clima. VII. Clima. VIII. Clima. IX. Clima. X. Clima. XI. Clima.

PERATA.

aci stant in Quadrante coeli orientali, et ad Austrum.

i Alt-	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	itudo
Grad	p.asc.	p.asc.	p.asc.	p.asc.	p.asc.	p.asc.	p.asc.	p.asc.	p.asc.	p.asc.	p.asc.	p.asc.	p.asc.	p.asc.	p.asc.	
♈ 0	21ff	20ff	19ff	18ff	17ff	16ff	15ff	14ff	13ff	12ff	11ff	10ff	9ff	8ff	7ff	30
3	21ff	20ff	19ff	18ff	17ff	16ff	15ff	14b	13ff	12ff	11ff	10ff	9ff	8ff	7ff	27
6	21p	20p	19p	18p	17p	16p	15p	14ff	13ff	12ff	11ff	10ff	9ff	8ff	7ff	24
9	21b	20p	19p	18p	17p	16p	15p	14p	13p	12p	11p	10p	9p	8p	7p	21
12	21d	20d	19d	18d	17d	16d	15d	14b	13b	12b	11b	10b	9b	8b	7p	18
15	21e	20e	19*e	18e	17e	16e	15e	14e	13e	12d	11d	10d	9d	8d	7b	15
18	22u	21u	20	19	18	17	16	14e	13e	12e	11e	10e	9e	8e	7e	12
21	22t	21q	20q	19q	18f	17f	16f	15f	14u	13u	12	11	9e	8e	7e	9
24	22ff	21ff	20ff	19n	18n	17n	16t	15t	14q	13q	12f	11f	10u	9u	8	6
27	22e	21e	20d	19d	18b	17b	16p	15ff	14ff	13ff	12n	11t	10q	9q	8f	3
30	23f	22u	21u	20	19	17e	16e	15e	14d	13b	12b	11p	10ff	9n	8t	0 ♓
♉ 3	23ff	22ff	21n	20t	19t	18q	17q	16f	15u	14	12e	11e	10d	9b	8p	27
6	23e	22e	21e	20d	19b	18p	17ff	16n	15t	14q	13f	12u	11	9e	8d	24
9	24n	23t	22q	21f	20n	19	17e	16e	15d	14p	13ff	12t	11q	10u	9	21
12	24e	23e	22d	21p	20ff	19n	18t	17q	16f	15	13e	12b	11p	10n	9q	18
15	25n	24t	23q	22f	21	19e	18d	17b	16p	15n	14q	13u	11e	10d	9ff	15
18	26	24e	23d	22b	21ff	20n	19q	18f	17	15e	14b	13ff	12t	11u	9e	12
21	26p	25ff	24n	23q	22u	21	19e	18b	17ff	16t	15f	14	12e	11p	10t	9
24	27t	26f	25	23e	22d	21p	20n	19q	18u	16e	15d	14ff	13q	12	10d	6
27	28	26e	25d	24p	23n	22q	21u	19e	18d	17ff	16t	15u	13e	12ff	11q	3
30	28e	27b	26ff	25t	24f	23	21e	20p	19n	18f	16e	15b	14t	13u	11d	0 ♊
♊ 3	29b	28ff	27t	26f	25	23d	22p	21t	20u	18e	17p	16t	15	13b	12t	27
6	30p	29n	28q	27	25e	24p	23n	22f	20e	19b	18t	17u	15d	14t	13	24
9	31ff	30t	29f	27e	26d	25ff	24q	23	21d	20ff	19f	17e	16ff	15u	13b	21
12	32ff	31t	30u	28e	27d	26n	25f	23e	22b	21t	20	18b	17t	15e	14n	18
15	33p	32t	31f	29e	28b	27n	26f	24e	23p	22t	21	19p	18q	16d	15t	15
18	34b	33n	32q	31	29d	28ff	27q	25e	24b	23t	21e	20p	19f	17d	16q	12
21	35d	34p	33t	32f	30e	29p	28t	27u	25d	24n	23	21b	20q	18d	17q	9
24	37	35d	34p	33t	32u	30e	29ff	28q	26e	25p	24f	22e	21n	19e	18t	6
27	38q	37	35e	34p	33t	32u	30d	29ff	28f	26e	25n	24u	22p	21u	19ff	3
30	39ff	38t	37u	35e	34p	33t	32u	30d	29n	28u	26b	25q	23e	22t	20d	0 ♋
♋ 3	40e	39b	38n	37f	35e	34b	33t	32u	30d	29n	28	26b	25f	23b	22f	27
6	42f	41	39d	38ff	37q	36	34d	33n	32f	30d	29n	28u	26p	25u	23p	24
9	43p	42t	41f	39e	38b	37n	36f	34e	33p	32f	30e	29ff	28	26p	25	21
12	45	43e	42p	41t	40f	38e	37p	36t	35	33b	32q	30e	29f	28u	26p	18
15	46n	45f	44	42d	41p	40t	39u	37d	36ff	35f	33e	32ff	31u	29p	28f	15
18	47e	46p	45n	44q	43	41d	40ff	39q	38	36b	35t	34	32p	31f	29d	12
21	49q	48	46e	45b	44n	43q	42	40d	39ff	38f	36e	35p	34f	32e	31n	9
24	50p	49n	48q	47u	45e	44b	43n	42q	41	39b	38n	37u	35d	34n	33	6
27	52	50e	49b	48ff	47t	46u	44e	43b	42n	41q	40	38b	37n	36	34b	3
30	53n	52q	51u	49e	48d	47p	46t	45f	43e	42d	41ff	40q	38e	37b	36t	0 ♌
♌ 3	54d	53p	52n	51q	50f	48e	47d	46p	45n	44f	42e	41b	40ff	39f	37e	27
6	56	54e	53d	52b	51ff	50t	49f	48	46e	45p	44n	43f	41e	40b	39n	24
9	57q	56f	55u	53e	52d	51b	50ff	49t	48f	47	45e	44p	43n	42f	40e	21
12	58ff	57t	56q	55u	54	52e	51d	50p	49ff	48t	47f	46	44e	43p	42n	18
15	59b	58ff	57n	56t	55f	54u	53	51e	50d	49p	48n	47t	46f	44e	43d	15
18	60d	59b	58b	57u	56t	55q	54f	53u	52	50e	49b	48p	47n	46q	45f	12
21	61d	60b	59p	58ff	57n	56t	55q	54f	53u	52	50e	49d	48b	47ff	46t	9
24	62d	61b	60p	59p	58ff	57n	56t	55q	54f	53u	52	50e	49d	48b	47ff	6
27	63b	62p	61ff	60ff	59n	58t	57q	56q	55f	54u	53	51e	50e	49d	48p	3
30	64ff	63n	62t	61t	60q	59q	58f	57u	56u	55	53e	52e	51e	50d	49b	0 ♍
♍ 3	65q	64f	63f	62u	61u	60	59	57e	56e	55e	54d	53d	52b	51p	50ff	27
6	65e	64e	63e	62e	61d	60d	59d	58b	57b	56p	55p	54ff	53ff	52n	51n	24
9	66ff	65ff	64ff	63n	62n	61n	60t	59t	58t	57q	56q	55q	54f	53f	52u	21
12	67	66	65	64	63	61e	60e	59e	58e	57e	56e	55e	54e	53d	52d	18
15	67ff	66ff	65ff	64n	63n	62n	61n	60n	59n	58t	57t	56t	55t	54q	53q	15
18	67e	66e	65e	64e	63e	62e	61e	60e	59e	58d	57d	56d	55d	54d	53d	12
21	68f	67f	66f	65f	64f	63f	62f	61u	60u	59u	58u	57u	56u	55u	54u	9
24	68t	67t	66t	65t	64t	63t	62t	61t	60t	59t	58t	57t	56t	55t	54t	6
27	68ff	67ff	66ff	65ff	64ff	63ff	62ff	61ff	60ff	59ff	58ff	57ff	56ff	55ff	54ff	3
30	68ff	67ff	66ff	65ff	64ff	63ff	62ff	61ff	60ff	59ff	58ff	57ff	56ff	55ff	54ff	0 ♎
i Alt-	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	itudo

aci stant in Quadrante coeli occidentali, et ad Austrum.

XV. Parallelus. XVII. XIX. XXI. XXIII. XXV.

Tabula Anguli ORIENTIS

ZONA TEMPERATA.

Nonagesimi ex asc. Semic. stant in Quadr. orientali.

Arcus a 0 ♈ incepti, usque ad terminos in areis sub sumendus, transponiturque in Ecliptica quidem in ante- averse, tunc incipit oppositus oriri directe in ipso Se

Poli Grad	60 p.asf.	61 p.asf.	62 p.asf.	63 p.asf.	64 p.asf.	65 p.asf.	66 p.asf.	66ʃʃ p.asf.	67 p.asf.	68 p.asf.	69 p.asf.	70 p.asf.	71 p.asf.	72 p.asf.	73 p.asf.	74 p.asf.	Bore
♈ 0	6ʃʃ	5ʃʃ	4ʃʃ	3ʃʃ	2ʃʃ	1ʃʃ	0ʃʃ		0ʃʃ	1ʃʃ	2ʃʃ	3ʃʃ	4ʃʃ	5ʃʃ	6ʃʃ	7ʃʃ	30
3	6ʃʃ	5ʃʃ	4ʃʃ	3ʃʃ	2ʃʃ	1ʃʃ	0ʃʃ	*Nonagesimus*	0ʃʃ	1ʃʃ	2ʃʃ	3ʃʃ	4ʃʃ	5ʃʃ	6ʃʃ	7ʃʃ	27
6	6ʃʃ	5ʃʃ	4ʃʃ	3ʃʃ	2ʃʃ	1ʃʃ	0ʃʃ		0ʃʃ	1ʃʃ	2ʃʃ	3p	4p	5p	6p	7p	24
9	6p	5ʃʃ	4ʃʃ	3ʃʃ	2ʃʃ	1ʃʃ	0ʃʃ		0ʃʃ	1p	2p	3p	4p	5p	6b	7b	21
12	6p	5p	4p	3p	2ʃʃ	1ʃʃ	0ʃʃ		0ʃʃ	1p	2p	3p	4p	5p	6d	7d	18
15	6b	5b	4p	3p	2p	1ʃʃ	0ʃʃ		0p	1p	2p	3b	4d	5d	6c	7e	15
18	6d	5b	4b	3p	2p	1p	0ʃʃ	*saltat in mo*	0p	1p	2b	3d	4c	5e	7	8u	12
21	6c	5d	4d	3b	2p	1p	0ʃʃ		0p	1b	2d	3c	4e	6u	7ʃ	8t	9
24	7	5e	4c	3d	2b	1p	0ʃʃ		0p	1b	2c	3e	5u	6q	7n	8b	6
27	7u	6	4e	3c	2d	1b	0ʃʃ		0p	1d	2e	4	5q	6n	7d	9u	3
30	7q	6ʃ	5u	3e	2c	1b	0p		0p	1d	3	4ʃ	5n	6d	8u	9ʃʃ	0 ♓
♉ 3	7n	6t	5ʃ	4	2e	1d	0p	*mento a fine*	0b	1c	3u	4t	5b	7u	8ʃʃ	10	27
6	7p	6ʃʃ	5t	4ʃ	3	1d	0p		0b	1e	3q	4p	6	7ʃʃ	9u	10c	24
9	7c	6d	5ʃʃ	4q	3u	1c	0p		0b	2	3n	4c	6t	8	9c	12	21
12	8u	6e	5b	4n	3q	1e	0b		0d	2ʃ	3p	5ʃ	6d	8b	10c	13c	18
15	8n	7ʃ	5e	4b	3t	2	0b		0d	2q	3d	5p	7n	9p	12p	17ʃʃ	15
18	8b	7n	6ʃ	4c	3ʃʃ	2ʃ	0b	*♍ et occasu*	0d	2n	4u	6	8ʃ	11	16ʃʃ	♈ 16.19 ♓ 13.41	12
21	9ʃ	7d	6n	5u	3d	2q	0d		0c	2ʃʃ	4n	6p	9t	15d	♈ 12.54 ♓ 17.6		9
24	9n	8ʃ	6d	5n	3e	2n	0d		0e	2d	4c	7ʃʃ	11c	♈ 9.16 ♓ 20.44			6
27	9e	8ʃʃ	7ʃ	5b	4ʃ	2p	0c		1	3	5n	9	14ʃ				3
30	10t	9	7ʃʃ	6	4n	2d	0e		1u	3n	6ʃʃ	12b	♈ 5.21 ♓ 24.39				0 ♒
♊ 3	10e	9ʃʃ	8	6n	4d	3	1	*in principio*	1q	3c	8ʃʃ	♈ 1.2 ♓ 28.58					27
6	11p	10u	8ʃʃ	6e	5ʃ	3q	1ʃ		1n	4d	10c						24
9	12ʃ	10b	9u	7t	5p	3ʃʃ	1q		1p	6p	♊ 3.53 ♑ 26.7					V	21
12	12e	11t	9b	8	6u	3e	1n		1e	8d					N		18
15	13d	12ʃ	10n	8b	6d	4t	1b		2ʃʃ	♊ 9.17 ♑ 20.43				S			15
18	14b	13	11q	9n	7t	4e	1e	*♈ eorum.*	4t			C	V				12
21	15b	14	12q	10q	8ʃ	5b	2t		5u		R						9
24	16d	15u	13q	11q	9u	6p	2e		♊ 18.9 ♐	A	Z				N		6
27	17e	16q	14n	12n	10ʃ	7p	3d										3
30	19ʃ	17n	15p	13b	11n	8b	4c										0 ♈
♋ 3	20p	18c	17	15	12d	10	6t	2p	♋ 11	S			O				27
6	22	20q	18u	16ʃʃ	14q	11p	8ʃ	5ʃ	5u		E						24
9	23n	21d	20	18u	15c	13n	10u	7d		♋ 9.17 ♐ 20.43		T	N				21
12	25	23t	21b	19d	17b	15t	12t	10t	6		♋ 26.7 ♐ 3.53						18
15	26b	25	23t	21ʃʃ	19ʃʃ	17q	14ʃʃ	12c	10t	8d				E			15
18	28q	26b	25u	23q	21n	19q	16d	15t	13n						I		12
21	29e	28t	26d	25u	23q	21q	19	17d	16u	11ʃ	10c	♌ 1.2 ♏ 28.58	♌ 5.21 ♏ 24.39			R	9
24	31p	30u	28ʃʃ	26e	25ʃ	23q	21ʃ	19u	18b	15t				♌ 9.16 ♏ 20.44			6
27	33q	31c	30t	28d	27u	25q	23t	22t	21u	18n	13e	12b			♌ 12.54 ♏ 17.6		3
30	34e	33ʃʃ	32u	30p	29	27t	25ʃʃ	24p	23ʃʃ	21ʃ	18u					♌ 16.19 ♏ 13.41	0 ♐
♌ 3	36ʃʃ	35q	33c	32t	30c	29q	27p	26d	25d	23d	21t	17b	14ʃ				27
6	38u	36c	35ʃʃ	34u	32b	31ʃ	29p	28d	27c	26u	24	21ʃ	16e				24
9	39b	38n	37u	35d	34t	32e	31n	30b	29c	28ʃ	26q	24u	21t	15d			21
12	41ʃ	39e	38b	37t	36	34p	33q	32ʃʃ	31b	30	28t	26n	24p	21n	16ʃʃ		18
15	42p	41n	40ʃ	38c	37p	36q	34e	34ʃ	32n	31e	30t	28p	26e	24b	21b	17ʃʃ	15
18	43c	42d	41p	40q	39u	37d	36ʃʃ	35c	35u	33b	32q	30b	29u	27q	25	22	12
21	45q	44u	42c	41b	40ʃʃ	39q	38	37n	36d	35n	34	32p	31	29t	27p	25n	9
24	46n	45t	44u	42e	41d	40b	40t	38d	38q	36e	35b	34t	32b	31q	29d	28	6
27	47ʃʃ	46n	45q	44ʃ	43	41e	40b	40u	39p	38t	36u	35c	34n	33	31p	30u	3
30	48p	47n	46t	45q	44u	43	41c	41t	40b	39ʃʃ	38t	37ʃ	35c	34p	33q	31c	0 ♏
♍ 3	49ʃʃ	48t	47t	46q	45u	44	42c	42n	41d	40p	39n	38q	37u	35e	34b	33t	27
6	50t	49ʃ	48ʃ	47u	46	45e	43e	43t	42d	41p	40ʃʃ	39n	38q	37ʃ	35e	34b	24
9	51u	50	49	47e	46c	45c	44d	44q	43b	42p	41n	40n	39q	38ʃ	37u	35c	21
12	51b	51b	49b	48p	47p	46p	45n	45	44ʃʃ	43n	42t	41q	40ʃ	39u	38	36c	18
15	52q	51q	50q	49ʃ	48ʃ	47ʃ	46n	45b	45u	44u	43u	42	40e	39c	38d	37b	15
18	52d	51d	50b	49b	48b	47b	46p	46ʃ	45p	44p	43p	42p	41ʃʃ	40n	39n	38t	12
21	53u	52n	51	50	49	48	47	46ʃʃ	46	44e	43e	42e	41e	40e	39e	38c	9
24	53t	52q	51q	50q	49q	48q	47q	46d	46q	45ʃ	44ʃ	43q	42q	41q	40q	39q	6
27	53n	52n	51n	50n	49n	48n	47n	46e	46n	45n	44n	43n	42n	41n	40ʃʃ	39ʃʃ	3
30	53ʃʃ	52ʃʃ	51ʃʃ	50ʃʃ	49ʃʃ	48ʃʃ	47ʃʃ	47	46ʃʃ	45ʃʃ	44ʃʃ	43ʃʃ	42ʃʃ	41ʃʃ	40ʃʃ	39ʃʃ	0 ♎
Poli	60	61	62	63	64	65	66	66ʃʃ	67	68	69	70	71	72	73	74	Bore

Nonagesimi ex desc. Semic. stant in Quadr. occidentali.

Parall. XXVI. XXVII. XXVIII. XXIX. XXX. XXXI. XXXII.

Arcus a 0 ♎ incepti usque ad terminos in areis superdus est in antecedentia, ut sit idem qui in fronte columnelsum. Et quando desinit arcus oriri directe in ipso meri-

ſeu Altitudinis Nonageſimi.

iectos oriuntur averſi, initio facto in ipſo Septentrione per ortum in Meridiem: et Nonageſimus ab oriente eſt in conſequentia cedentia, reſpectu vero Horizontis, ab occaſu per Septentrionem in ortum. Et quando deſinit arcus oriri in ipſo Meridiano ptentrione.

i Alt-	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	itudo
Grad	p.aſ.	p.aſ.	p.aſ.	p.aſ.	p.aſ.	p.aſ.	p.aſ.	p.aſ.	p.aſ.	p.aſ.	p.aſ.	p.aſ.	p.aſ.	p.aſ.	p.aſ.	p.aſ.	
♈ 0	8ſſ	9ſſ	10ſſ	11ſſ	12ſſ	13ſſ	14ſſ	15ſſ	16ſſ	17ſſ	18ſſ	19ſſ	20ſſ	21ſſ	22ſſ	23ſſ	30
3	8ſſ	9ſſ	10ſſ	11ſſ	12p	13p	14p	15p	16p	17p	18b	19b	20d	21e	23ſſ	Quia o ♈. o ♎ perpetuo ſunt in Horizonte, Nonageſimus perpetuus eſt o ♋. permeans aequabiliter plagas horizōtis omnes a ſiniſtris antrorſū ad dextr.	27
6	8p	9p	10p	11b	12b	13b	14d	15d	16c	17e	19	20ſ	21p	23n	♈ 2.30 ♓ 27.30		24
9	8b	9d	10d	11d	12c	13e	15	16n	17q	18n	19d	21ſſ	23ſ	♈ 5.1 ♓ 24.59			21
12	8e	9e	11	12n	13ſ	14q	15n	16b	17e	19n	21p	23ſ	♈ 7.33 ♓ 22.27				18
15	9	10ſ	11q	12ſſ	13p	14d	16	17n	19n	21e	23	♈ 10.5 ♓ 19.55					15
18	9q	10n	11p	12e	14n	15n	16e	18c	22ſſ	22d	♈ 12.38 ♓ 17.22						12
21	9p	10d	12	13t	14d	16n	18n	22ſ	♈ 17.48 ♓ 12.12	♈ 15.10 ♓ 14.50							9
24	9e	11ſ	12p	14ſ	15c	18n	21c	♈ 20.25 ♓ 9.35							S		6
27	10t	11d	13ſſ	15q	17b	21n	♈ 23.5 ♓ 6.55							E			3
30	11	12b	14p	17q	20e								T				0 ♓
♉ 3	11d	13c	16b	20n	♈ 28.33 ♓ 1.27	♈ 25.47 ♓ 4.13						N					27
6	12e	15e	19d	♉ 1.24 ♒ 28.36							E						24
9	15	19n	♉ 4.18 ♒ 25.42							D							21
12	18ſ	♉ 7.20 ♒ 22.40							I								18
15	♉ 10.26 ♒ 19.34							C									15
18							C										12
21						O											9
24					M												6
27				A							I						3
30			V														0 ♒
♊ 3		Q															27
6	N																24
9							I										21
12																	18
15																	15
18																	12
21																	9
24			F														6
27															A		3
30																	0 ♑
♋ 3	A																27
6																	24
9					R												21
12																	18
15																	15
18									G								12
21																	9
24	O																6
27		X															3
30			E														0 ♐
♌ 3	♌ 19.34 ♍ 10.16			W									D				27
6		♌ 22.40 ♍ 7.20			V												24
9			♌ 25.42 ♍ 4.18			A											21
12				♌ 28.36 ♍ 1.24			P										18
15					♍ 1.27 ♎ 28.33			N									15
18	18ſ					♍ 4.13 ♎ 25.47	♍ 6.55 ♎ 23.5		A								12
21	22n	19n	19d					♍ 9.35 ♎ 20.25		N							9
24	25c	22e		20n					♍ 12.12 ♎ 17.48	♍ 14.50 ♎ 15.10	S						6
27	28t	26t	23ſſ		20e						♍ 17.22 ♎ 12.38	A					3
30	30t	28b	26d	24n								♍ 19.55 ♎ 10.5	C				0 ♏
♍ 3	32	30b	28e	27ſ	24d	21n							♍ 22.27 ♎ 7.33	R			27
6	33ſſ	32q	30d	29q	27ſſ	25q	21c	22ſ						♍ 24.59 ♎ 5.1	V		24
9	34b	33ſſ	32q	30e	29ſſ	27c	25c		22ſſ	22d					♍ 27.30 ♎ 2.30		21
12	35d	34p	33n	32n	30c	29p	28n	26n			23						18
15	36p	35n	34t	33ſ	32	30e	29p	28ſ	26ſſ	23b		23ſ					15
18	37t	36q	35ſ	34n	33	31c	30d	29ſſ	28ſ	26d	24p		23ſ				12
21	37c	36d	35d	34d	33b	32p	31ſſ	30n	29q	28n	26d	25n		23n			9
24	38q	37q	36ſ	35ſ	34ſ	33n	32n	31n	30	28e	27c	26b	25q		23ſſ		6
27	38ſſ	37ſſ	36ſſ	35ſſ	34n	33n	32n	31n	30n	29n	28t	27t	26q	25n			3
30	38ſſ	37ſſ	36ſſ	35ſſ	34ſſ	33ſſ	32ſſ	31ſſ	30ſſ	29ſſ	28ſſ	27ſſ	26ſſ	25ſſ	24ſſ	23ſſ	0 ♎
i Alt-	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	itudo

poſitos oriuntur directe, initio facto ab ipſo Septentrione per ortum in Meridiem: et Nonageſimus ab oriente puncto ſumenlarum ſumi iubetur: tranſponiturque in Ecliptica quidẽ in conſequẽtia, reſpectu vero horizontis, ab ortu per Meridiem in occadie, tunc incipit oppoſitus oriri averſe in ipſo Septentrione.

TABVLÆ ÆQVATIONIS TEMPORIS.

Tabula Æquationis Tychonica in tempus conversa

Gradus	♈ ♎ ′	″	♉ ♏ ′	″	♊ ♐ ′	″	
	Subtr. ab Apparenti.						
0	0	0	8	25	8	47	30
1	0	20	8	36	8	37	29
2	0	40	8	45	8	26	28
3	0	59	8	55	8	15	27
4	1	19	9	4	8	3	26
5	1	39	9	12	7	50	25
6	1	59	9	19	7	36	24
7	2	18	9	26	7	22	23
8	2	38	9	32	7	7	22
9	2	57	9	37	6	52	21
10	3	16	9	42	6	36	20
11	3	35	9	46	6	20	19
12	3	53	9	50	6	3	18
13	4	12	9	52	5	46	17
14	4	30	9	54	5	28	16
15	4	47	9	56	5	10	15
16	5	5	9	56	4	51	14
17	5	22	9	56	4	32	13
18	5	38	9	55	4	12	12
19	5	55	9	53	3	53	11
20	6	11	9	51	3	33	10
21	6	26	9	48	3	12	9
22	6	41	9	44	2	51	8
23	6	56	9	40	2	31	7
24	7	10	9	34	2	9	6
25	7	24	9	28	1	48	5
26	7	37	9	21	1	27	4
27	7	50	9	14	1	5	3
28	8	2	9	6	0	43	2
29	8	14	8	57	0	22	1
30	8	25	8	47	0	0	0
	♍ ♓		♌ ♒		♋ ♑		Gradus
	adde ad Apparens						

Sub initio Annorum Christi erat ☉ motus medius in 9s. 8°. 49′. 55″. & Ap. Sua 280° 48 38.

Tychonica perpetua.

Subtrahe ab Apparenti.

Gra.	♈ ♎ Tē. ′	♉ ♏ Te. ′	♊ ♐ Tē. ′	
0	0. 0	2. 6	2.12	30
1	0. 5	2. 9	2. 9	29
2	0.10	2.11	2. 7	28
3	0.15	2.14	2. 4	27
4	0.20	2.16	2. 1	26
5	0.25	2.18	1.57	25
6	0.30	2.20	1.54	24
7	0.35	2.22	1.51	23
8	0.39	2.23	1.47	22
9	0.44	2.24	1.43	21
10	0.49	2.26	1.39	20
11	0.54	2.27	1.35	19
12	0.58	2.27	1.31	18
13	1. 3	2.28	1.26	17
14	1. 7	2.29	1.22	16
15	1.12	2.29	1.17	15
16	1.16	2.29	1.13	14
17	1.20	2.29	1. 8	13
18	1.25	2.29	1. 3	12
19	1.29	2.28	0.58	11
20	1.33	2.28	0.53	10
21	1.37	2.27	0.48	9
22	1.40	2.26	0.43	8
23	1.44	2.25	0.38	7
24	1.48	2.24	0.32	6
25	1.51	2.22	0.27	5
26	1.54	2.20	0.22	4
27	1.58	2.19	0.16	3
28	2. 1	2.16	0.11	2
29	2. 4	2.14	0. 5	1
30	2. 6	2.12	0. 0	0
	Tē. ′ ♍ ♓	Tē. ′ ♌ ♒	Tē. ′ ♋ ♑	G.

Adde ad apparens.

Pars Æquationis a Tychone reiecta.

Anomaliæ Solis coæquatæ

Sign.	0		1		2		3		4		5		
Gradus	Astronomi Subtr P. ′	*Exces physic Adde* P. ′	Astronomi Subtr P. ′	*Exces physic Adde* P. ′	Astronomi Subtr P. ′	*Exces physic Adde* P. ′	Astronomi Subtr P. ′	*Exces physic Adde* P. ′	Astronomi Subtr P. ′	*Exces physic Adde* P. ′	Astronomi Subtr P. ′	*Exces physic Adde* P. ′	
0	0. 0	0. 0	1. 3	1.42	1.48	2.55	2. 4	3.21	1.46	2.53	1. 1	1.40	30
1	0. 2	0. 4	1. 4	1.45	1.49	2.57	2. 4	3.21	1.45	2.51	0.59	1.37	29
2	0. 4	0. 7	1. 6	1.48	1.50	2.59	2. 4	3.21	1.44	2.50	0.57	1.33	28
3	0. 7	0.11	1. 8	1.51	1.51	3. 0	2. 3	3.21	1.43	2.48	0.55	1.30	27
4	0. 9	0.14	1.10	1.54	1.52	3. 2	2. 3	3.21	1.42	2.46	0.54	1.27	26
5	0.11	0.18	1.12	1.57	1.53	3. 3	2. 3	3.20	1.41	2.44	0.52	1.24	25
6	0.13	0.21	1.13	2. 0	1.54	3. 5	2. 3	3.20	1.39	2.42	0.50	1.21	24
7	0.15	0.25	1.15	2. 3	1.54	3. 6	2. 3	3.19	1.38	2.40	0.48	1.18	23
8	0.17	0.28	1.17	2. 6	1.55	3. 7	2. 2	3.19	1.37	2.38	0.46	1.15	22
9	0.20	0.32	1.19	2. 8	1.56	3. 9	2. 2	3.18	1.35	2.35	0.44	1.11	21
10	0.22	0.35	1.20	2.11	1.57	3.10	2. 2	3.17	1.34	2.33	0.42	1. 8	20
11	0.24	0.39	1.22	2.13	1.58	3.11	2. 1	3.17	1.33	2.31	0.40	1. 5	19
12	0.26	0.42	1.24	2.16	1.58	3.12	2. 1	3.16	1.31	2.29	0.38	1. 1	18
13	0.28	0.46	1.25	2.18	1.59	3.13	2. 0	3.15	1.30	2.26	0.36	0.58	17
14	0.30	0.49	1.27	2.21	1.59	3.14	2. 0	3.14	1.28	2.24	0.34	0.55	16
15	0.32	0.53	1.28	2.23	2. 0	3.15	1.59	3.13	1.27	2.21	0.32	0.51	15
16	0.35	0.56	1.30	2.26	2. 0	3.16	1.59	3.13	1.25	2.19	0.30	0.48	14
17	0.37	0.59	1.31	2.28	2. 1	3.16	1.58	3.12	1.24	2.16	0.27	0.45	13
18	0.39	1. 3	1.33	2.31	2. 1	3.17	1.57	3.11	1.22	2.14	0.25	0.41	12
19	0.41	1. 6	1.34	2.33	2. 2	3.18	1.57	3.10	1.20	2.11	0.23	0.38	11
20	0.43	1.10	1.36	2.36	2. 2	3.18	1.56	3. 8	1.19	2. 8	0.21	0.35	10
21	0.45	1.13	1.37	2.38	2. 2	3.19	1.55	3. 7	1.17	2. 6	0.19	0.32	9
22	0.47	1.16	1.38	2.40	2. 3	3.19	1.54	3. 6	1.15	2. 3	0.17	0.28	8
23	0.49	1.20	1.40	2.42	2. 3	3.20	1.53	3. 4	1.14	2. 0	0.15	0.24	7
24	0.51	1.23	1.41	2.44	2. 3	3.21	1.52	3. 3	1.12	1.57	0.13	0.21	6
25	0.53	1.26	1.42	2.47	2. 3	3.21	1.52	3. 1	1.10	1.54	0.11	0.17	5
26	0.55	1.29	1.43	2.49	2. 4	3.21	1.51	3. 0	1. 8	1.51	0. 9	0.14	4
27	0.57	1.32	1.45	2.50	2. 4	3.21	1.50	2.58	1. 7	1.48	0. 6	0.11	3
28	6.59	1.35	1.46	2.52	2. 4	3.21	1.49	2.56	1. 5	1.46	0. 4	0. 7	2
29	1. 1	1.39	1.47	2.54	2. 4	3.21	1.48	2.55	1. 3	1.43	0. 2	0. 4	1
30	1. 3	1.42	1.48	2.55	2. 4	3.21	1.46	2.53	1. 1	1.40	0. 0	0. 0	0
	P. ′ adde	p. ′ *Subtr*	p. ′ adde	p. ′ *Subtr*	p. ′ adde	p. ′ *Subtr*	p. ′ adde	p. ′ *Subtr*	p. ′ adde	p. ′ *Subtr*	p. ′ adde	p. ′ *Subtr*	Gradus
	11		10		9		8		7		6		Sig.

Anomaliæ Solis coæquatæ.

Tabula Æquationis temporis compositæ temporaria ad annum Chr. M DC XVI.

Gra.	♈ Astron. Ad Mi	♈ *physica sub* Mi	♉ astron. sub Mi	♉ *physica sub* Mi	♊ astron. sub Mi	♊ *physica sub* Mi	♋ astron. Ad Mi	♋ *physica sub* Mi	♌ astron. Ad Mi	♌ *physica Ad* Mi	♍ astron. Ad Mi	♍ *physica Ad* Mi	♎ astron. sub Mi	♎ *physica Ad* Mi	♏ astron. sub Mi	♏ *physica Ad* Mi	♐ astron. sub Mi	♐ *physica sub* Mi	♑ astron. sub Mi	♑ *physica Ad* Mi	♒ astron. Ad Mi	♒ *physica Ad* Mi	♓ astron. Ad Mi	♓ *physica sub* Mi	Gra.
0	8	13	1	21	4	17	1	1	5	14	2	19	8	13	16	4	14	1	1	1	12	3	15	2	0
2	8	14	1	21	4	16	1	*Ad*	5	15	1	19	9	13	16	3	13	1	Ad	2	13	3	15	3	2
4	7	15	2	21	4	15	2	1	5	16	1	19	10	12	16	3	12	1	1	2	13	3	15	4	4
6	6	15	2	21	3	14	2	2	5	16	sub	19	10	11	16	2	12	1	2	2	14	3	14	4	6
8	6	16	2	21	3	13	3	3	5	17	1	19	11	11	16	2	11	1	3	2	14	3	14	5	8
10	5	17	3	21	3	13	3	4	5	17	1	18	11	10	17	1	10	1	4	3	14	2	14	6	10
12	4	17	3	21	3	12	3	6	5	18	2	18	12	9	16	1	9	1	5	3	15	2	13	7	12
14	4	18	3	21	2	11	4	7	5	18	3	18	13	9	16	1	9	1	6	3	15	2	13	7	14
16	3	18	4	20	2	9	4	8	5	19	3	17	13	8	16	0	8	0	7	3	15	1	12	8	16
18	2	19	4	20	2	8	4	9	4	19	4	17	14	7	16	*sub*	7	0	8	3	15	1	12	9	18
20	2	19	4	20	1	7	5	10	4	19	5	16	14	7	16	0	6	*Ad*	9	3	15	0	11	10	20
22	1	20	4	19	1	6	5	11	4	19	5	16	15	6	15	0	5	0	9	3	15	0	11	10	22
24	1	20	4	19	0	5	5	12	3	19	6	15	15	6	15	1	4	1	10	4	15	*sub*	10	11	24
26	sub	20	4	18	Ad	4	5	13	3	19	7	15	15	5	15	1	3	1	11	4	15	1	9	12	26
28	0	21	4	17	0	3	5	14	2	19	8	14	16	4	14	1	2	1	11	3	15	1	9	13	28
30	1	21	4	17	1	1	5	14	2	19	8	13	16	4	14	1	1	1	12	3	15	2	8	13	30
	sub	*sub*	sub	*sub*	Ad	*sub*	Ad	*Ad*	Ad	*Ad*	sub	*Ad*	sub	*Ad*	sub	*sub*	sub	*Ad*	Ad	*Ad*	Ad	*sub*	Ad	*sub*	Cat.

CATALOGUS LOCORUM EUROPÆ PRÆCIPUE, SED ET AFRICÆ ASIÆQUE NONNULLORUM, CUM DIFFERENTIA TEMPORARIA MERIDIANORUM AB URANOPYRGICO; ET POLI BOREI ALTITUDINIBUS: EX FIDE OBSERVATORUM & Obſervationum cœleſtium, ubi haberi potuerunt; aut ex intervallis itinerariis, chartisque Geographicis recentiſſimis.

	Diff. Merid. Ho. Mi.	A. Poli. Gr. ′
Aberdonia Scotiæ	0. 57 ſ.	58. 40
Actium	0. 44 a.	37. 5 0
Adrianopolis Thraciæ	1. 14 a.	43. 20
Agram Croatiæ	0. 14 a.	46. 4
Agria Hungariæ	0. 31 a.	47. 56
Alba Græca Hungariæ	0. 36 a.	45. 16
Alba Iulia Tranſſylv.	0. 42 a.	47. 0
Alba regalis Hungariæ	0. 24 a.	47. 5
Alcmaria Hollandiæ	0. 31 ſ.	52. 41
Alepus Syriæ, ol. Antiochia ad Taur.	2. 18 a.	37. 20
Alexandria Ægypti	1. 48 a.	30. 58
Alexandria Liguriæ	0. 16 ſ.	44. 6
Algier Africæ	0. 27 ſ.	35. 36
Almeria Granatæ	1. 3 ſ.	37. 0
Aloſtum Brabantiæ	0. 33 ſ.	51. 0
Altdorffium, Academia Norici	0. 3 ſ.	49. 24
Amaſia Phrygiæ	2. 6 a.	42. 24
Amberga Palatinatus Bavariæ	0. 0	
Ammianum Burgund.	0. 39 ſ.	49. 50
Amſtelredamum Holl.	0. 29 ſ.	52. 25
Ancona Italiæ	0. 7 a.	43. 24
Andegavi, Angiers Galliæ	0. 54 ſ.	44. 1
Antverpia Brabantiæ	0. 32 ſ.	47. 14
Antiochia Syriæ ad Orontem	2. 13 a.	51. 12
Apollonia, Valona		36. 15
Aquilegia Liburniæ	0. 3 a.	45. 41
Aquiſgranum Inſer. Germaniæ Ach	0. 24 ſ.	50. 48
Aracta Chaldææ, fortè Carrhæ	2. 28 a.	36. 0
Arbela Aſſyriæ	2. 56 a.	37. 15
Ardea Burgundiæ	0. 40 ſ.	50. 35
Argentina Alſatiæ	0. 17 ſ.	48. 27
Argos Peloponneſi	0. 56 a.	36. 54
ARIM Aſtrologis Arabicis Medium Mundi	4. 47 a.	0. 0
Ariminum Ciſalpinæ	0. 1 a	43. 50
Arnhemium Holland.	0. 25 ſ.	51. 4
Aſtracan Circaſſorum ad Wolgam	3. 8 a.	50. 0
Athenæ Græciæ	1. 2 a.	37. 42
Atrebatum Arteſiæ, Arras	0. 37 ſ.	50. 18
Avenio Galliæ	0. 30 ſ.	43. 40

	Diff. Merid. Ho. Mi.	A. Poli. Gr. ′
Auguſta Vindelicorum	0. 4 ſ.	48. 22
Aurelianum Galliæ Orliens	0. 41 ſ.	47. 40
Auricum Friſiæ Orient.	0. 20 ſ.	53. 30
B Abenberga Franconiæ Bamberg	0. 5 ſ.	49. 57
Babylon Chald. Baldach	2. 51 a.	35. 0
Bactra	4. 54 a.	41. 20
Badena Marchionatus	0. 16 ſ.	48. 52
Bagded, Seleucia		
Bajona Biſcajæ	0. 55 ſ.	43. 50
Balſera, An Babylon nova Arzachelis?	2. 43 a.	31. 30
Barcinona Catalaunia	0. 38 ſ.	40. 45
Baſilea Helvetiæ	0. 18 ſ.	47. 54
Belgrad Alba Græca		
Benatka Bohemiæ, TYCHONIS aliquandiu habitatio	0. 8 a.	50. 18
Beneventum Italiæ	0. 12 a.	41. 25
Bergæ Nordvvegiæ	0. 32 ſ.	60. 30
Bergomum Ciſalpinæ	0. 12 ſ.	44. 56
Bergopzoom Holland.	0. 32 ſ.	51. 29
Berlinum March. Brād.	0. 6 a.	52. 34
Berna Helvetiæ	0. 19 ſ.	46. 50
Berrhœa, Amaſia		
Beſanzon Lotharingiæ, Veſontio	0. 25 ſ.	46. 50
Bolonia Normandiæ	0. 41 ſ	50. 26
Bononia Italiæ	0. 7 ſ	43. 49
Bozena in Alpina	0. 4 ſ.	45. 52
Brandeburgum VVand.	0. 2 a.	52. 30
Breda Brabantiæ	0. 30 ſ.	51. 34
Brema Saxoniæ	0. 14 ſ.	53. 8
Briga Sileſiæ	0. 19 a.	50. 53
Brinna Moraviæ	0. 15 a.	49. 10
Britannia Gallica	1. 3 ſ.	48. 30
Brixia in Alpina	0. 1 ſ	46. 21
Bruck ad Leut. Hung.	0. 18 a.	48. 18
Bruck ad Mur. Styr.	0. 14 a	47. 15
Brugæ Flandriæ	0. 35 ſ.	51. 10
Brundusium Calabriæ	0. 27 a.	40. 32
Brunſvviga Saxoniæ.	0. 8 ſ.	52. 16
Bruxella Brabantiæ	0. 32 ſ.	50. 45
Buda Hungariæ, Ofen	0. 28 a.	47. 8
Budiſſina Luſatiæ	0. 7 a.	51. 10
Budovitz Bohemiæ	0. 8 a.	49. 0
Bulgaria Tartarorum	3. 12 a.	56. 0
Burdegala Galliæ	0. 54 ſ.	44. 50
Burgos Hiſpaniæ	1. 5 ſ.	42. 40

	Diff. Merid. Ho. Mi.	A. Poli. Gr. ′
C Æſarauguſta Aragoniæ Saragoſſa	0. 52 ſ.	41. 30
Caſſa Taurica Cherſon.	1. 52 a.	47. 20
Cajeta Apuliæ	0. 4 a.	40. 57
Calecut Indiæ	5. 0 a.	11. 30
Caletum Normandiæ	0. 40 ſ.	50. 50
Calmaria Sueciæ	0. 11 a.	56. 46
Calpe, Gibel Tarik		
Cameniez Podoliæ	0. 52 a.	48. 49
Cameracum Arteſiæ	0. 35 ſ.	50. 8
Campidunum Sueviæ	0. 7 ſ.	47. 32
Camſa Hungariæ	0. 19 a.	46. 58
Cantabrigia Angliæ	0. 42 ſ.	51. 20
Capua Italiæ	0. 7 a.	41. 0
Carlſtatt Croatiæ	0. 17 a.	45 40
Carrhæ Meſop. Haran	2. 28 a.	36. 10
Carthago Africæ	0. 9 ſ.	34. 50
Caſan Tartariæ	3. 10 a.	58. 0
Caſſellæ Haſſiæ	0. 13 ſ.	51. 19
Caſſovia Hungariæ	0. 33 a.	48. 30
Cayrum Æg. Memphis	1. 56 a.	29. 24
Cephalenia	0. 43 a.	37. 6
Chalcedon	1. 30 a.	43. 15
Chærona	0. 56 a.	38. 30
Chius, Schio	1. 19 a	38 45
Cibinium Tranſſylv.	0. 45 a.	48. 0
Cilia Carniolæ	0. 12 a.	46. 16
Citicum Saxoniæ, Zeitz	0. 3 ſ.	51. 7
Claudiſorum Carinthiæ	0. 8 a.	46. 26
Clavenna Rhetiæ	0. 12 ſ.	45. 40
Clauſenburg Tranſſylvaniæ, Coloſwar	0. 42 a.	48. 24
Clivia German. Inf.	0. 24 ſ.	51. 49
Coburg Franconiæ	0. 5 ſ.	50. 20
Cochin Indiæ	5. 4 a.	9. 54
Cola Lappiæ	1. 28 a.	69. 24
Colberg Pomeraniæ	0. 12 a.	54. 28
Colonia ad Rhenum	0. 22 ſ.	50. 56
Colonia ad Spream	0. 6 a.	52. 30
Coloſſi	1. 34 a.	38. 30
Comara Hungariæ	0. 23 a.	48. 2
Complutum Caſtiliæ, Alcala de henares	1. 0 ſ.	40. 50
Compoſtella	1. 28 ſ.	43. 0
Comum Ciſalpinæ	0. 15 ſ.	45. 2
Confluentia Moſellæ & Rheni	0. 20 ſ.	50. 22
Conſtantinopolis Thrac.	1. 28 a.	43. 0
Conſtantia Helvetiæ	0. 13 ſ	47. 37
Conymbria Acad. Luſit.	1. 25 ſ.	40. 15

NB. Loca, quibus apponitur A. sunt Orientaliora Uraniburgo
S. sunt Occidentaliora

Tabuli sic rehnend cum tempus Uraniburgicum alio reducit
contrarium fieri debet, cum ex Tab: Rudolph. motg in grend.

	Diff. Merid. Ho. Mi.	A. Poli. Gr. ′
Copenhagen, Hafnia		
Corcyra, Corfu	0.38 a.	39.20
Corduba Hispaniæ	1. 7 ſ.	38.10
Corinthus Achajæ	0.57 a.	37.30
Corona Transſylvaniæ	0.49 a.	47. 6
Corsica Maris Tyrrheni	0.14 ſ.	41. 0
Cos Maris Ægæi	1.25 a.	36.35
Cosentia Apuliæ	0.19 a.	39.20
Cracovia Poloniæ	0.31 a.	49.58
Cremniz Hungariæ	0.26 a.	48.35
Cremona Cisalpinæ	0.12 ſ.	44.15
Creta Maris Ægæi, Candia	1.18 a.	34.36
Crima Tauricæ Chersonnesi, seu Tartariæ Præcopensis	1.52 a.	47.50
Crosna Silesiæ	0.10 a.	52. 4
Ctesiphon, Seleucia		
Culma Prussiæ	0.27 a.	53. 7
Curia Helvetiorum	0.11 ſ.	46.20
Damascus Syriæ	2.26 a.	34. 0
Damiata Ægypti	2. 0 a.	30.45
Dantiscum Prussiæ	0.28 a.	54.23
Diepa Normandiæ	0.43 ſ.	49.55
Dillinga Vindelic. Acad.	0. 6 ſ.	48.40
Dobacz Rasciæ	0.26 a.	45.17
Dola super. Burgund.	0.27 ſ.	46.36
Drepanum Siciliæ	0. 1 a.	37.10
Dresda Misniæ	0. 4 a.	51. 6
Duacum Artesiæ Acad.	0.36 ſ.	50.24
Duisburg Cliviæ	0.23 ſ.	51.24
Dunkerken Flandriæ	0.38 ſ.	51. 0
Durlach Marchionat.	0.15 ſ.	49. 6
Düsseldorff Cliviæ	0.23 ſ.	51.11
Dyrrachium Macedoniæ, Durazo	0.36 a.	41.27
Eboracum Britanniæ	0.52 ſ.	54.40
Ecbatana Persiæ	3.27 a.	37.45
Edimburgum Scotiæ	1. 2 ſ.	57. 6
Eistet Franconiæ	0. 3 ſ.	48.50
Embecca Saxoniæ	0. 9 ſ.	51.50
Embda Frisiæ orientalis	0.21 ſ.	53.32
Ens, Laureacum		
Eperies Hungariæ	0.34 a.	48.54
Ephesus Ioniæ	1.27 a.	38.18
Epidaurus Peloponnesi	1. 2 a.	35.30
Erffordia Turingiæ	0. 7 ſ.	51. 3
Erla, Agria		
Esenz Frisiæ, habitatio FABRICII MATH.	0.20 ſ.	53.47
Eubœa	1. 3 a.	38.22
Famagusta Cypri, Salamin	2. 7 a.	35.30
Ferrara Italiæ	0. 5 ſ.	44.45
Fessa Mauritaniæ	1. 5 ſ.	33.15
Finis Terræ	1.30 ſ.	43.30
Florentia Hetruriæ	0. 7 ſ.	43.10
Francofurtum ad Mœn.	0.17 ſ.	50. 7
Francofurtum ad Oder.	0. 8 a.	52.20
Franekera Frisiæ occid.	0.27 ſ.	53.10
Freiberga Misniæ	0. 3 a.	50.52

Pieronij dat Florentiæ 43 49
id consendit cum Nota ad Novariam.

	Diff. Merid. Ho. Mi.	A. Poli. Gr. ′
Freisinga Bavariæ	0. 0	48.24
Friburgum Brisgojæ	0.17 ſ.	48.12
Frueburgum Prussiæ	0.32 a.	54.29
Fulda Hassiæ	0.12 ſ.	50.37
Gades Hispaniæ Ins. Gadir, Cadiz, Calis Malis	1.13 ſ.	36.10
Galata Ætoliæ	0.47 a.	37.42
Gandavum Flandriæ	0.34 ſ.	50.54
Geldria Germ. infer.	0.26 ſ.	51.30
Geneva Saubaudiæ	0.24 ſ.	45.54
Genua Liguriæ	0.16 ſ.	43.20
Gibeltar Hispaniæ	1.10 ſ.	35.50
Glaz Silesiæ	0.16 a.	50.25
Glogovia Silesiæ	0.14 a.	51.40
Gnidus, in Ionio	1.27 a.	36. 8
Goa Indiæ	4.58 a.	16. 0
Goesa Selandiæ	0.33 ſ.	51.30
Goldberg Silesiæ	0.13 a.	51. 4
Goritia Forojulij	0. 4 a.	45.58
Görlicium Silesiæ	0.10 a	51.10
Gradisca Croatiæ	0.24 a.	45.47
Gradisca Forojulij	0. 3 a.	45.50
Grätium Styriæ	0.14 a.	47. 2
Grevelinga Flandriæ	0.39 ſ.	50.57
Grima Saxoniæ	0. 0	51.20
Groninga Frisiæ	0.24 ſ.	53.15
Grubenhagen Saxoniæ	0.10 ſ.	51.48
Grypswaldia Pomer.	0. 5 a	54.30
Gurck Carinthiæ	0. 9 a.	46.52
Gyula Transſylvaniæ	0.38 a.	46.44
Hafnia Daniæ	0. 1 ſ.	55.43
Haga Comitis	0.32 ſ.	52. 0
Halicarnassus	1.30 a.	36.50
Halberstat Saxoniæ	0. 7 ſ.	52. 8
Halla Saxoniæ	0. 3 ſ.	51.38
Hamburga Holsatiæ	0.10 ſ.	53.43
Heidelberga Palatinatus	0.14 ſ.	49.36
Helicon Græciæ	0.55 a.	38.15
Helmstat Saxoniæ	0. 6 ſ.	52. 8
Herbipolis Franconiæ, Würtzburg	0.10 ſ.	49.44
Hermenstat, Cibinium		
Hibernia, Insula & Regnum	1.30 ſ.	54.30
Hildeshem Episcop. Sax.	0. 9 ſ.	52.10
Hispalis Bœticæ	1.12 ſ.	37.20
Hostia Latij	0. 0	41.46
HUENNA, sedes Astronomiæ TYCHONICÆ	0. 0	55.55
Hydruntum Calabriæ	0.30 a.	40. 8
Jägerndorff Silesiæ	0.20 a.	50. 2
Iahen apud Saracenum, forte Macedoniæ locus	0.39 a	38. 0
Iaroslavia Poloniæ	0.42 a.	49.45
Iassi Moldaviæ	0.56 a.	47. 0
Iaurinum Hungariæ, ad Arabonem fluv. Raab	0.22 a.	47.55
Idria Liburniæ	0. 5 a.	46.12
Iena Thuringiæ	0. 4 ſ.	51. 0
Ierosolyma	2.16 a.	32.10

	Diff. Merid. Ho. Mi.	A. Poli. Gr. ′
Ingolstadium Bavariæ	0. 2 ſ.	48.42
Isenacum Thuringiæ	0.10 ſ.	51. 0
Islandia, Thyle		
Islebia Saxoniæ	0. 5 ſ.	51.40
Iudenburgum Stiriæ	0.10 a.	47.32
Iuliacum	0.24 ſ.	50.56
Kesmarck Hungariæ	0.32 a.	49. 4
Königingrätz Boh.	0.13 a.	50.11
Kovvacz Croatiæ	0.25 a.	45.41
Kuphá, una Metropolium Regionis Irak; Scal. ex Chrysococce	3.34 a.	31. 0
Labacum Carniolæ	0. 9 a.	46.12
Lacedæmon, Misitra	0.56 a.	35.50
Landshut Bavariæ	0. 2 a.	48.27
Laodicea Phrygiæ	0.30 a.	39. 0
Larissa Macedoniæ	0.55 a.	40. 0
Lauenburg Saxoniæ	0. 6 ſ.	53.31
Lauinga Vindelici	0. 6 ſ.	48.39
Laureacum Norici	0.11 a.	48.12
Lausanna Helvetiæ	0.21 ſ.	46. 7
Lemnus, Ionij Maris Insula, Stalimino	1.13 a.	40.56
Leobium Stiriæ	0.13 a.	47.20
Leodium Belgij	0.26 ſ.	50.36
Leonis Regnum	1.12 ſ.	42.45
Leopolis Russiæ	0.47 a.	49.15
Leovvardia Frisiæ occid.	0.26 ſ.	53.12
Leuctra Promont. Pelop.	0.55 a.	35.24
Lepante, Naupactus		
Lignicium Silesiæ	0.15 a.	51. 8
Lilybæum Siciliæ	0. 0	36.45
Limovices Galliæ	0.43 ſ.	45.35
LINCIUM Norici, ubi hæ Tabulæ absolutæ	0.10 a.	48.16
Lindavia ad Bodamicū	0.10 ſ.	47.24
Lion, Lugdunum		
Lippa Transſylvaniæ	0.40 a	46. 8
Lipsia Misniæ	0. 1 ſ.	51.24
Lisabona, Ulyssippo		
Litomericium Bohem.	0. 5 a.	50.34
Londinum Angliæ	0.48 ſ.	51.32
Lovanium Brabantiæ	0.30 ſ.	50.50
Lubeca Saxoniæ	0. 8 ſ.	53.58
Lublinum Poloniæ	0.45 a.	51.15
Luca Hetruriæ	0.10 ſ.	43. 2
Lucerna Helvetiæ	0.16 ſ.	46.54
Lugdunum Batavorum	0.31 ſ.	52.11
Lugdunum Galliæ	0.28 ſ.	45. 0
Lundis Schoniæ	0. 2 a.	56. 5
Lundis Gothiæ Schonero	0.30 a.	
Luneburgum Saxoniæ	0. 8 ſ.	53.36
Lutetia, Parisij		
Luxemburgum	0.26 ſ.	49.50
Macao, in sinu Gangetico & regno Pegu	6.20 a.	19.30
Macao, in sinu Cantam	7.30 a.	22.30
Machlinia Brabantiæ	0.32 ſ.	50.55
Madrid Castiliæ	1. 1 ſ.	40.45
Magdeburg Saxoniæ	0. 4 ſ.	52.15

Majo-

	Diff. Merid. Ho. Mi.	A. Poli. Gr. ′
Majorica Insula	0.38 f.	39.10
Malaca Indiæ	6.30 a.	2.24
Maliapor. S. Thomæ sepulchrũ in Malabarico littore	5.24 a.	13. 0
Mantua Cisalpinæ	0. 8 f.	44.49
Mariaburgum Prussiæ	0.30 a.	54. 5
Maroco Mauritaniæ	1.20 f.	31.15
Marpurgum Hassiæ	0.16 f.	50.43
Marpurgum Styriæ	0.13 a.	46.45
Massilia, Marseille en Provence	0.28 f.	43. 0
Mecha Arabiæ	2.33 a.	23. 0
Mediolanum Insubriæ	0.15 f.	44.35
Megapolis Peloponnesi	0.55 a.	36.38
Memminga Sueviæ	0. 8 f.	47.57
Memphis, Cairum		
Messana Siciliæ	0.17 a.	37.52
Methone Peloponnesi, Modon	0.51 a.	35.20
Metis Lotharingiæ	0.25 f.	49.10
Middelburgum Seland.	0.34 f.	51.30
Mindena VVestfaliæ	0.14 f.	52.28
Minorica Insula	0.29 f.	39.24
Misena	0. 3 a.	51.12
Mitylene	1.21 a.	40. 0
Moguntia ad Rhenum	0.19 f.	50.10
Monachium Bavariæ	0. 1 f.	48. 2
Monasterium VVestfal.	0.20 f.	52. 0
Mons regius Prussiæ	0.38 a.	55. 8
Mons Pelicardi	0.22 f.	47.36
Mons Pessulanus, Mompelier	0.34 f.	43. 0
Montes, Hannoniæ civit.	0.33 f.	50.20
Moscua Russorum Principis,	2.55 a.	
Ex observatione Herbersteny B		55.30
At ex longit. diei H. 17°. 45′. jactata Mediando		57.30
		56.30
Münsterberg Silesiæ	0.18 a.	50.36
Mutina Italiæ, Modena	0. 9 f.	43.57
N Amurcum	0.31 f.	50.23
Nancy Lotharingiæ	0.24 f.	48.40
Nantes Britan. Gallicæ	0.54 f.	47. 2
Vel	0.58 f.	
Narbona Galliæ	0.40 f.	42.43
Narva Livoniæ	1. 4 a.	59.30
Naumburgum Thurin.	0. 4 f.	51.13
Naupactus Locridis	0.52 a.	38. 6
Neapolis Campaniæ	0. 8 a.	40.42
Neoportus Flandriæ	0.37 f.	51. 8
Neostadium Austriæ	0.16 a.	47.51
Neuburg Vindeliciæ	0. 3 f.	48.38
Neuheusl Hungariæ	0.24 a.	48.15
Neusee Nordvvegiæ	0.24 f.	57.25
Neusola Hungariæ	0.27 a.	48.35
Nicea, Isnich	1.34 a.	41.45
Nicomedia Bithyniæ	1.33 a.	42.30
Nicopolis Bulgariæ	0.51 a.	44.36
Nicosia Cypri	2. 4 a.	35.40
Nidrosia Nordvvegiæ	0.16 f.	63.12
Nigroponi, Eubœa		

	Diff. Merid. Ho. Mi.	A. Poli. Gr. ′
Ninive Assyr. Moschel	2.55 a.	35.50
Nisibis, Achad	2.43 a.	36.45
Nissa Provinciæ	0.23 f.	43. 5
Nitria Hungariæ	0.24 a.	48.26
Nordcap Nordvvegiæ	0.52 a.	72. 0
Noriberga Germaniæ	0. 4 f.	49.26
Novaria	0.16 f.	44.32
Puto Gerhardi Cremonensis habitatio, qui ponit A. P. 45. 0. in codice Tabb. Arzachelis, secundum quod & Mediolani & Vercellarum & omnium vicinarum urbium latitudines, essent augendæ 28′ scrupulis. Quanquàm author non est accuratus; tribuit enim Cremonæ tantundem, scil. 45°. 0′. cum illa certò habeat minus.		
Novesium Silesiæ Episc.	0.19 a.	50.30
Novigrad Hungariæ	0.28 a.	47.41
Novogardia Moscoviæ	1.31 a.	58.54
Iovius habet		
Nuceria Calabriæ	0.18 a.	64. 0
O Edenburg, Sopronium		38.57
Oenipontum Norici, Insbruck	0. 2 f.	
Oldenburg Saxoniæ	0.17 f.	53.10
Olomucium Moraviæ	0.19 a.	49.30
Onolzbach Franconiæ, Anspach	0. 6 f.	49.15
Oppolia Silesiæ	0.22 a.	50.36
Orcades	1. 9 f.	61. 0
Osnabrugga	0.18 f.	52.27
Ostenda Flandriæ	0.36 f.	51.10
Ottranto, Hydruntum		
Oxonium Angliæ	0.53 f.	52. 4
P Adelborna VVestfal.	0.15 f.	
Pampelona Navarræ	0.56 f.	51.49
Panormus Siciliæ	0. 3 a.	43. 0
Papia Liguriæ	0.15 f.	37.20
Parisij	0.40 f.	44.20
Parma Cisalpina	0.11 f.	48.39
Passavium Norici	0. 7 a.	44. 2
Patavium Liburniæ	0. 4 f.	48.28
Maginus		
Mercator		45. 6
Patræ ad fretum sinus Corinth.	0.30 a.	38. 6
Pelusium Ægypti	2. 4 a.	37.20
Pergamum Asiæ	1.25 a.	39.15
Persepolis	3.32 a.	40.48
Petovio Styriæ	0.15 a.	31.30
Petricovia Poloniæ	0.30 a.	46.46
Petrina Croatiæ	0.20 a.	51.17
Philadelphia Phrygiæ	1.30 a.	45.52
Philippi Thessaliæ	1. 5 a.	39.15
Philippopolis Thraciæ	1. 7 a.	42.12
Pictavia, Poitiers	0.48 f.	43. 9
Pilsena Bohemiæ	0. 3 a.	46.45
Pisa Hetruriæ	0.10 f.	49.54
Placentia Cisalpinæ	0.13 f.	42.52

	Diff. Merid. Ho. Mi.	A. Poli. Gr. ′
Plescovia Russiæ	1. 8 a.	58.20
Ploczko Russiæ	1.16 a.	55.30
Pontemusson Lotharing.	0.28 f.	49.30
Posega Croatiæ	0.26 a.	45.41
Posonium Hungariæ, Presburg	0.20 a.	48.25
Praga Bohemiæ	0. 6 a.	50. 6
Procop Tauricæ	1.48 a.	48.24
Puzbach Veteraviæ	0.17 f.	50.27
Q Uinsai, Chanzoy Sinarum Metropolis, Scal. Is. Can.		
f. 318. ex Chrysococce	9.44 a.	33. 0
At Kærius	7.40 a.	40. 0
Cum Chanzoy nonnihil concordat Xiancy Kæry	7.10 a.	38. 0
Quizinci Ianssonio	7.22 a.	31. 0
R Ackerspurg Styriæ	0.16 a.	46.58
Ragusa Dalmatiæ	0.30 a.	42.52
Ratibor Silesiæ	0.23 a.	50. 4
Ratisbona Bavariæ	0. 1 a.	49. 9
Ravenna Italiæ	0. 3 f.	43.54
Remi Galliæ provinc.	0.33 f.	49.13
Revalia Livoniæ	0.49 a.	59. 0
Rhodus maris Pamphily Insula	1.36 a.	36. 0
Riga Livoniæ	0.52 a.	56.55
Ripæ Cimbriæ	0.15 f.	55.10
R O M A	0. 0	42. 2
Rostockium Meckelburgici Duc.	0. 0	54.10
Rotomagus, Roan	0.44 f.	49.30
Rupella Aquitaniæ, Rochelle	0.54 f.	45.49
S Abæi Pomp. Melæ	3.38 a.	25. 0
Sabacz Serviæ	0.31 a.	45.12
Sacmar Transsylvaniæ	0.41 a.	47.13
Salamanca Hisp. Acad.	1.12 f.	41.12
Salernum	0.10 a.	40.53
Salisburgum Norici, Iuvavia	0. 5 a.	47.42
Salona Dalmatiæ	0.23 a.	44. 4
Salveldia Thuringiæ, Reinholdi patria	0. 6 f.	50.47
Samos, Ionij maris Ins.	1.24 a.	38.10
Samarcand Sogdianæ seu Tartariæ	4.50 a.	45 0
S. Viti ad flumen	0. 2 a.	45.37
S. Michaelis portus in mari Albo Russ.	2. 0 a.	65. 0
Santones Galliæ, Xaintes	0.52 f.	45.46
Sardes Phrygiæ	1.32 a.	38.34
Sardinia Ins. Tyrrheni	0.13 f.	38.30
Schemniz Hungariæ	0.27 a.	48.11
Scutara Dalmatiæ	0.36 a.	42.20
Sebinium Dalmatiæ	0.20 a.	44.14
Sedunum Galliæ	0.32 f.	48.30
Segedinum Hungariæ	0.37 a.	46.22
Seonia Dalmatiæ	0.13 a.	45. 4
Seleucia, Bagded, Bogdà, Bogdatis, ad confluentes Euphratis		

	Diff. Merid. Ho. Mi.	A. Poli. Gr. ′
phratis & Tigris, ultra fluvium Ctesiphont.	2.51 a.	
Seleſtadium Alſatiæ	0.18 ſ.	48.10
Sendomiria Poloniæ	0.40 a.	50.20
Senæ Hetruriæ	0. 6 ſ.	42.45
Serveſta Saxoniæ	0. 2 ſ.	52. 6
Sevilia, Hiſpalis		
Sinear, Singara, Ziniar	2. 39 a.	37. 0
Singidunum Raſciæ	0.39 a.	45.20
Sirmium Raſciæ	0.30 a.	45.15
Siſſek Croatiæ	0.21 a.	45.56
Sitta Sileſiæ	0. 8 a.	51. 3
Sleſvviga Cimbriæ	0.10 ſ.	54.40
Sluſa Flandriæ	0.35 ſ.	51.17
Smalkalden Saxoniæ	0. 9 ſ.	50.47
Smolenzko Moſcoviæ	1.33 a.	55.30
Smyrna Aſiæ	1.25 a.	38.50
Sopronium Hungariæ	0.18 a.	47.54
Spahani Perſidis	3.30 a.	31.30
Spalato Dalmatiæ	0.22 a.	43.58
Spira ad Rhenum	0.15 ſ.	49.24
Spoleto Italiæ Duc.	0. 2 a.	43. 0
Sprotta Sileſiæ	0.11 a.	51.28
Stargarden Pomeraniæ	0.11 a.	53.25
Pruſſiæ	0.28 a.	53.54
Stetinum Pomeraniæ	0. 8 a.	53.36
Stira Norici Ripenſis	0.11 a.	48. 0
Stockholmia Sueciæ	0.11 a.	58.50
Straalſund Pomeraniæ	0. 4 a.	54.30
Strido Illyrici, Suigna	0.24 a.	44.16
Strigonium Hungariæ	0.25 a.	47.48
Stuccardia VVirtemb.	0.12 ſ.	48.49
Stulvveiſſenburg, Alba regalis		
Suſa Perſidis	3.11 a.	34.15
Svvidniz Sileſiæ	0.17 a.	50.52
Syracuſa Siciliæ	0.15 a.	36.50
T Aberna Alſatiæ	0.19 ſ.	48.30
Tarentum Calabriæ	0.24 a.	40.26
Tarraco Aragoniæ	0.56 ſ.	42. 6
Tarragone littoralis	0.40 ſ.	40.32
Tarviſium Foro Iulij	0. 3 ſ.	45.33
Taurinum Sabaudiæ	0.21 ſ.	44. 0
Tauriſium Med. Servan	3.32 a.	40.15
Temeſvvar Tranſſylv.	0.40 a.	45.53
Tempe Theſſaliæ	0.57 a.	40.25
Tergeſte Liburniæ	0. 7 a.	
Tergoviſta VValachiæ	0.48 a.	
Terovana Arteſiæ	0.39 ſ.	
Teſcha Sileſiæ	0.25 a.	
Thebæ Bœotiæ	0.58 a.	
Theonvvilla Luxemb.	0.26 ſ.	
Theſſalonica	0.55 a.	
Tholoſa Galliæ	0.42 ſ.	
Thyatira	1.29 a.	
Thyles Inſulæ, ſedes Epiſcopi Septentrionalis	1.28 ſ.	
Tiflis Albaniæ, Tiflins, Tiflif, ol. Thilbis	2.53 a.	
Tigurum Helvetiæ	0.14 ſ.	
Tirna Hungariæ	0.22 a.	
Tirolis in Alp.	0. 5 ſ.	
Tokai Tranſſylvaniæ	0.33 a.	
Toletum Hiſpaniæ	1. 4 ſ.	
Tortoſa	0.42 ſ.	
Torunna Pruſſiæ, Dorn	0.28 a.	
Trapezus Ponti, Trebiſonto	2.32 a.	
Trenſchin Hungariæ	0.24 a.	
Treveri	0.24 ſ.	
Tridentum in Alp.	0. 6 ſ.	
Tripolis Syriæ	2.12 a.	
Troas Phrygiæ	1.19 a.	
Tronten, Tronthem, Nidroſia		
Troppa Sileſiæ	0.21 a.	
Tubinga VVirtemberg.	0.12 ſ.	
Tugium Helvetiæ	0.15 ſ.	
Tynetum Africæ	0. 9 ſ.	
Turonum Galliæ	0.50 ſ.	
Tvvera Moſcoviæ	2. 5 a.	
Tybene Perſidis, fortè Adiabene		
Scal. ex Chryſococce	3.44 a.	
V Acia Hungariæ	0.28 a.	
Valencia Hiſpaniæ	0.44 ſ.	
Vallis Oletana Caſtiliæ	1. 6 ſ.	
Valona Macedoniæ	0.36 a.	
Vangiones, Vormatia	0.17 ſ.	
Varadinum Tranſſylv.	0.39 a.	
Varaſdinum VVindicæ	0.17 a.	
Varſovia Poloniæ	0.38 a.	
Velica Croatiæ	0.22 a.	

	Diff. Merid. Ho. Mi.	A. Poli. Gr. ′
Venetiis dal Remy		45 30
Venetia	0. 2 ſ.	45.18
VVernero 45. 0 Magino		46. 0 45.15
Vercellæ Sabaudiæ	0.17 ſ.	44.24
Verden Saxoniæ	0.12 ſ.	53. 0
Verona Ciſalpinæ	0. 7 ſ.	45. 6
Viburgum Iuttiæ	0.13 ſ.	56.25
Vicentia Ciſalp.	0. 5 ſ.	45.23
Vienna Auſtriæ	0.16 a.	48.22
Vienna Delphinatus	0.29 ſ.	44.45
Villacum Carinthiæ	0. 7 a.	46.22
Vilna Lituaniæ	1. 3 a.	54.24
Vinaria Thuringiæ	0. 6 ſ.	51. 6
Viterbium Latij	0. 3 ſ.	42.25
Ulma Sueviæ	0. 8 ſ.	48.24
Ulyſſippo Portugalliæ	1.26 ſ.	52. 7
Ultrajectum Belgij	0.28 ſ.	38.45
Upſalia Sueciæ	0.11 a.	59.24
URANIBURGUM ſedes Aſtronomiæ	0. 0	55.55
Uratislavia Sileſiæ	0.21 a.	51.10
Urbinum Italiæ	0. 2 a.	43.35
W Aſit, regionis Irak Metr. Chryſoc. ap. Scal.	4.46 a.	48.54 49.50 32.20
VVandesburgi arx, TYCHONIS Hoſpitium	0.10 ſ.	45.35 53.36
VVania Boſnæ	0.24 a.	34.50 45.22
VVihitſch Croatiæ	0.20 a.	41.15 45.15
VVila Imperial. P. K.	0.13 ſ.	49.50 48.47
VVitteberga Saxoniæ	0. 1 a.	48.34 51.53
VVolfebüttel Saxoniæ	0. 7 ſ.	47. 0 52.11
VVürtzburg, Herbipolis		
VVyborch Finniæ	1. 6 a.	47.33 62.15
VVyvvar Raſciæ	0.30 a.	56.48 45.16
Y Orke, Eboracum		38. 0
Z Acynthus	0.44 a.	47.30 36.32
Zagrabia Croatiæ	0.21 a.	39.30 46. 0
Zatmar, Sacmar		41.45
Zeng, Segnia		40.25
Zerbſt, Serveſta		49.47
Zigethum Hungariæ	0.26 a.	47. 5 46.22
Ziriczæa Selandiæ	0.33 ſ.	46.42 51.45
Zolnok Hungariæ	0.34 a.	52. 20 47. 6
Zutphan	0.24 ſ.	45.54 52.43

Huc referatur, in uſum præcipuè Nautarum Oceanum navigantium, Mappa orbis univerſalis, ex diſco circulari & duobus ſemicircularibus conſtans, quam adorno. In eâ meridianus primarius eſt harum Tabularum proprius: cæteri, horis integris verſus occidentem diſtantes, notam habent S. qui verò verſus orientem, notam A.

De Locis Meridiano harum Tabularum ſubjectis.

Quantum ſit incertitudinis, quantum laboris, in examinandis Locorum longitudinibus; lubet unico exemplo docere, ex media Europa petito. Inter ROMAM & NORIBERGAM Regiomontani ætate cenſebantur Minuta 36. Regiom. Primi mob. probl. 45. Wernerus habet 32′: ex principio tamen Eclipſis anni 1497. 18. Januarij, utrobique obſervato, Romæ quidem ab ipſo H. 5°. 24′. Noribergæ à neſcio quo H. 4°. 52′; colliguntur Mi. 28′. Apianus in Aſtrolabio inter Regiomontanum & Wernerum, medium ſibi cenſuit eligendum 34′. Mæſtlinus tamen, & Everardus & Origanus Wernerum propiùs tenent, ſtatuentes 33′. At Stöfflerus in Calendario, non attentâ Werneri obſervatione, ſtatuit 18′: quem videtur ſecutus Apianus poſteriùs in Cæſareo, ſtatuens 19′. Et Maginus medium elegit inter Apiani priorem & Stöffleri traditionem, ſtatuens 26′. Schonerus in Reſolutis habet tantùm 12′; quod obſervant Mercator & Houdius in Mappis. Stadius in Ephemeridd. habet 13′. Janſonius in Mappa univerſali, ad 10′ deſcendiſſe videtur. Ego potitus obſervationibus Eclipſium Lunę duabus, Romæ habitis, ex annis 1616. 1617. quas & ego obſervavi Lincij, conſenſu fidens, Lincium Româ orientalius facio 10′ Mi. quantum & Uraniburgo, per obſcalias. Ita mihi Roma & Uraniburgum ſub eundem veniunt Meridianum, qui Noribergenſi non plus quàm 4′ Min. eſt orientalior. Connexionem ejus cum Alexandrino, &c. vide in Præceptis.

SYNO-

SYNOPSIS ÆRARUM USUALIUM, QUOTQUOT AD NOSTRAM NOTITIAM PERVENERUNT: SUNT AUTEM COMPARATÆ, SINGULÆ CUM SUIS ANNIS ANTE VEL POST INCARNATIONEM VERBI:

Ante nostrâ Incarnationis Æram currente

assignata etiam usualia Annorum initia in Mensibus & Diebus anni Juliani.

5509. Calendis Septembris, incipiunt Anni mundi secundùm Græcos, in Patriarchatu Constantinopolitano. Idem statuunt illi Cyclis Indictionum quindecennalium caput.

3761. Nonis Octobris incipiunt Anni ab Adamo, secundùm Judæos Christo posteriores.

776. Julio, celebratus est primus Agon Olympicus. Sed annus ipse primus Olympiadis incipit variè, secundùm diversa anni capita, apud Nationes diversas. Macedonibus enim annus primus Olympiadis (hoc est, in quo celebrata est Olympias) inivit Octobri anni 777. ante Chr. Græcis nationibus quàmplurimis, à Bruma ejus anni 777. desinentis; Achajæ & Josepho, ab Aprili anni 776. Athenienſibus ab ipso mense ludicri, scil. à Junio vel Julio.

Anni Romæ conditæ, ineunt m. Majo, Palilibus, anni

753. Varroni & Scriptoribus plerisq; post Augustum, Imperatoribusq; ipsis, in Ludorum sæcularium celebratione;

752. Catonì, Tarruntio, Fastis Capitolinis, Eusebio, Solino, Chronologo apud Clementem, &c.

747. 26. Februarij. Primus dies Thoth primi mensis Ægyptiaci, Annorum Nabonassari solarium vagorum: iis utitur Ptolemæus & Astronomi cæteri.

433. 26. Junij. Initium Cyclorum Metonis Decemnovennalium, quorum quilibet erat totidem Annorum Lunarium mobilium: in quibus Mensium primus erat Hecatombæon; & Posideon in septem annis geminabatur.

330. 28. Junij. Initium Periodorum Calippi Lunarium, quarum singulæ sunt 76. annorum.

324. 12. Novembris. Primus Thoth Annorum ab obitu Alexandri Magni, Ægyptiacorum vagorum. Intersunt enim inter hunc & Nabonassari initia, anni 424. Ægyptij exactè. Utuntur ea Ptolemæo, Theon, Albategnius, &c.

312. Verno tempore, Mense Nisan initium æræ Græcorum seu Chittim; quibus utitur Scriptor historiæ Macchabæorum, in rebus Judaicis.

312. Autumno, seu Idibus Octobris, init ÆRA CONTRACTUUM, Anni Antiocheni, usurpati in Conciliis, puta ab ortu ejus urbis: item Anni Edessenorum, Eusebio; qui eos Annos SELEUCIDARUM appellat, sed cave. His etiam utitur Scriptor historiæ Macchabæorum, in rebus Gentilium. Arabes Astronomi, Christo posteriores, deducunt eos à Cal. Octobris fixi Juliani, retrò extensi; & appellant Annos Alexandri, Annos Dhilkarnajin. Et hoc initium anni, hancque æram ~~secutum~~ contemplatum esse Humen Ægyptium Astronomum, in Tabulis suis Astronomicis, apparet ex verbis Joannis Parisiensis, translatoris, quæ vide apud Calvisium in Isagoge Chronol. fol. 83.

Vide præcipi 62 fol. 475 in margine

311. Idibus Octobris. Initium Annorum secundùm Chaldæos apud Ptolemæum. His utuntur Reges Seleucidæ in Epistolis suis, quæ sunt insertæ historiæ Macchabæorum. Itaque his annis proprium esse Nomen Seleucidarum existimo, contra Eusebium.

285. V. Cal. Julij, ineunt Anni secundùm Dionysium Mathematicum, apud Ptolemæum.

48. IV. Idus Majas, Artemisij die 23. Anni Antiocheni, puta à libertate accepta; quos incipit Ignatius, loci Patriarcha, à primo Artemisij. Simul indidem etiam INDICTIONES Cæsaris decurrunt. Quidam tamen è Christianis Orientis, à Cal. Septembribus anni antecedentis, initio Anni Constantinopolitano, eas deducunt.

45. Cal. Januarij, Feriâ VI. incipiunt Anni Juliani fixi, seu primus Calendarij hodierni, secundùm Augusti restitutionem retrò extensi.

Indidem etiam Indorum æra incipit, quæ est annorum Arabicorum repedantium; apud Nicolaum Contium Historicum.

38. Cal. Januarij. Init Æra Cæsaris (Octavij) Hispanica, usitata in Conciliis.

1. Cal. Januarij, incipit Cyclus magnus annorum $5\frac{1}{2}2$; cujus annos, pro annis Nativitatis Christi, usurpant Sigebertus, Marianus Scotus in antiquioribus; alii; & coincidit etiam Eusebij & Hieronymi, antiquiorum, numeratio à Nativitate.

Anno Juliano 45 currente.

Anno Æræ Incarnationis currente

Hac Æra inde à temporibus Merovingorum Francorum, vel saltem Caroli Magni, utitur totus Occidens: cui ob id etiam calculus harum Tabularum est accommodatus.

Etsi verò Æra denominatur ab Incarnatione, eoque propriè non ante festum Annunciatæ Incarnationis incipere debuit: alii tamen ei nomen potius à Nativitate faciunt. Itaque caput Anni est multiplex. Nam

VIII. Cal. Januarias, festo Nativitatis Christi (à quo etiam Anni Nativitatis dicti sunt) eos incipi Romæ in negociis Cameræ Apostolicæ, author est Thuanus. Hi Christum anno uno majorem natu faciunt, quàm Dionysius, æræ author.

Anno Juliano 46 currente.

1. Ipsas Cal. Januarias, quas Julius Cæsar, Calendarij author, ante annos ab hinc 45. Anni caput esse voluit, usurpatores hujus æræ observant hactenus; omnes scil. succedentes Imperatores. Imperium Romanum, Germania, Provinciæque, & Regna pleraque circumjacentia. Hoc & in Galliæ regno decreto publico institutum est anno 1564. obtinuitque paulatim, teste Thuano; Hoc Anni & Æræ Caput observant etiam istæ TABVLÆ Rudolphi.

VI. Cal. Martias tamen est Anni Caput in Cyclo Solis harum Tabularum, & Computatione Feriæ; quando dies more Romano denominatus, Bissextum Cal. Martias numerantes.

An.C. 1. Ipsas Calendas Martias observãt aliqui Ecclesiastici Latinorum; quia in eorum computis hic est crebrò mensis Paschalis, recipiens hodie potiorem partem mensis Nisan Judaici. Eos in hoc sequuntur urbes nonnullæ per Italiam. Idem est anni caput in Cyclo Solis, harum Tabularum, quando Mensis dies populariter numeramus, progredientes in Februario bissextili usque ad 29.

Æquinoctii verni tempestatem pro capite anni hujus æræ habent Veneti, Florentini, Pisani, aliæque nonnullæ Resp. Italiæ, teste Luca Gaurico; Germani sub Carolo Magno, Historici ejus ævi plerique, Treveri hodieque: Joh. de Barros Historicus Lusitanus, ante 100. annos.

VIII. Cal. Apriles, Festum Annunciationis, hoc est, Incarnationis, Caput anni statuerunt Ecclesiastici veteres, & more ab iis transsumpto etiam Reges & Resp. Christianæ. Itaque secundùm Cyclum Dionysij exigui, unde hæc æra est nata, hoc demum die currentis anni primi, Christus conceptus esset in utero B. V.

Cal. Apriles, pro anni principio habentur à Clementinis, Anastasio Antiocheno, Gregorio Turonensi, &c. His enim Martius seu Δύστρος habetur mensium 12mus, Aprilis 1mus; quia Nisan Judæis 1mus crebrò cum eo concurrebat olim.

Paschatis Festum mobile, est Caput anni Galliis ante annum 1564. Angliæ, Florentiæ, Romæ in Consistorio Cardinalium & ecclesiasticis, teste Thuano. Hinc anni isti nonnullis veterum, à Passio-

An. Chr. ne Domini, denominantur, titulo ambiguo.

28. Octobri, incipit Cyclus Paschalis Victoris Capuani & Victorini Aquitani. Ab hujus Cycli initio defluentes Anni, usurpantur à nonnullis pro Æra, titulo Gratiæ, scil. à Joanne prædicatæ; vel etiam titulo, à Passione, q̃vis ea verè fuerit posterior.

222. Cal. Jan. ineunt Hekkædecaëterides Hippolyti.

284. IV. Cal. Sept. initio anni Ægyptiaci fixi, ineunt Cycli Paschales Dionysij Alexandrini; ineunt & Anni Diocletianei; dicti Æra Martyrum, Æra Abyssinorum, Habassenorum, Æra Elkupti, etiamque anni Gratiæ. Hac æra usus est omnis orbis Romanus, loco signationis per Consules, usque ad Justiniani tempora. Scal. Sed

Ipsarum Cal. Septembrium vicinitate illectæ Ecclesiæ posteriorum temporum, Constantinopolitana & Antiochena, cùm hanc triduanam anticipationem Mensium Julianorum priscam malè concoquerent; Caput annorum suorum, ut in prima æra dictum, in ipsis Calendis Septembribus Romanis statuere ceperunt; intercalantq; Februario, ut Romani; relinquentes Ægypto suum & principium mensium, & intercalationem.

Hunc etiam morem secutus esse videtur Joannes Parisiensis, in translatione Tabularum Astronomicarum HUMEN Ægyptij, de quibus supra; dum scribit, *factas fuisse Tabulas ad Meridiem civitatis Antiochiæ, quatuor mensibus ante annum Christi 1143.* id est, Calend. Septemb. anni 1142.

285. Cal. Apriles, mensis Paschalis, Alexandrinæ Ecclesiæ pro capite æræ Dioclet. seu Martyrum placuit.

312. VII. Cal. Octob. initium habetur INDICTIONUM Constantini, usque hodie, in Curiis Imperatorum. Sed Græci Imperatores, & Ecclesiastici Constantinopolitani, eas à Cal. Sept. anni sui Capite inchoant; cum iis Cedrenus, Evan-

Anno Christi gelium Arabicum, quod pro Indictione scribit Tarik. Romana contrà Ecclesia, & Pontifices à Cal. Jan. sequentis 313. Indictiones incipiunt: Ignatius Patriarcha Antiochenus, à Cal. Maij, seu Artemisij, anni 313.

552. III. Idus Augusti, init Æra Armenorum: Menses sunt Persici, sed fixi, intercalatio merè Romana.

622. 16. Julij, Feria VI. Annorum Hegiræ Lunarium repedantium initium, qua utuntur Mahumedani, Arabes, Turcæ.

632. 16 Junij, Anni Jesdagirdis Petsæ, modulo Ægyptiaco, vagi & repedantes, ineunt.

Hæ sunt igitur æræ usuales, hoc est, & publicæ & diuturnæ. Sunt aliæ æræ vel non diuturnæ, vel non publicæ, sed privatæ saltem historicorum singulorum; aut urbium non imperantium, & sic non usuales vulgò: quas enumerare infinitum esset.

Primùm de annis mundi, apud historicos singulos, ferè singulæ opiniones sunt, quas lector requirat apud ipsos. Latini tamen ferè numerant ad Christum 5199. Recentiores 1200. & amplius minus numerant, variè tamen. Quos ego propiùs secutus, ante æram hodiernam anno 3993. 24. Augusti, Julii mediâ tunc æstate, situm Planetarum invenio, initiali convenientem.

Deinde Alphonsinæ æram diluvij deducunt ab Anno ante Ch. 3102; Ego ab anno 2337. Babylon urbs ab ortu suo, quem habuit 104. annis post diluvium, anno ante æram Inc. 2233. ad deditionem Alexandro factam, numeravit 1903. ante Chr. 330. incipiente. Annos promissionis numerant Moses & D. Paulus & Eusebius ab 1941. ante Incarn. mihi 1965. Ab exitu ex Ægypto, mihi ante Chr. 1535, numeratum fuit in deserto. Inde Libri Regum ad Templum fundatum, habent 480: at summam hanc auget D. Paulus. Ab occupata Peræa numerat Jephtas ad se 300. Ego 302. vel 303.

A divisione Terræ, mihi ante Chr. 1489. consurgunt Jubilæi & Sabbathici, quos retinent Samaritani.

A fundato Templo, mihi ante Chr. 999. an fuerit numeratum publicè, incompertum est. At ab expugnatione arcis Sion, & sede Regni Hierosolymis constitutâ, Ezechielem suos 390. numerare, demonstrò, usque ad prædicationem Jeremiæ; reliquosq; 40. ad regnum urbemq; destructa, mihi ante Ch. 606; quem primum captivitatis habuerunt: à quo 70m^o, annus fuit Reditus, an. C. 537.

Annos excidij Trojæ, reditus Heraclidarum, reliquorumq; insignium casuum, de quibus Eratosthenis Canones, vide apud Chronologos.

Præterea annos ætatis suæ primus hominum numeravit necessariò: quem imitati sunt cæteri. Itaq; Anno 600. vitæ Noæ, refert Moses Diluvium. Hoc imitati sunt pleræq; gentes, in numerandis annis suorum Antistitum, Judicũ, Regum, Impp. Ubi notandum, non posse doceri, anni Judæorum, undecunq; denominati, aliud fuisse initium post Exitum, quàm mensem novarum frugum. Itaq; crebrò occurrit annus idem ultimus decessoris, & primus successoris.

At hodie Imperia censentur ab initialibus diebus propriis, ut & eventus cæteri. Sic æram Alphonsi ordiuntur à 1. Junij an. Inc. 1252. Sic anno 1582. 15. 5. Octobr. ineunt anni Correctionis Gregorianæ.

Deniq; anno 1619. 28. 18. Augusti, incipiunt anni Imperij FERDINANDI II. R. I. AUG. C. V. S. V.

TABULA Re-

TABVLA Reductionis Dierum anni Iuliani veteris, ad Dies anni GREGORIANI Novi, hodie usitati in plerisque partibus Orbis.

A 5 Octob. An. Incarnationis 1582 Dies 10	Adde	Ann. Incarnationis	Adde Dies	Ann. Incarnationis	Adde Dies	Ann. Incarnationis	Adde Dies	Ann. Incarnationis	Adde Dies	Ann. Incarnationis	Adde Dies
A 24 Febr. 1700	11	2100	14	2500	17	2900	20	3300	23	3700	26
1800	12	2200	15	2600	18	3000	21	3400	24	3800	27
1900	13	2300	16	2700	19	3100	22	3500	25	3900	28

Tabula CONVERSIONIS TEMPORUM in Dierum Summas.

ROMANORUM JULIANORUM.

Anni	*Dies*	*Menses communes*	*Dies*	*Bissex Dies*	*Macedonica Antiochena.*	*Syriaca & Iudaica.*	*Athenienses, sed inconstantiores.*	*Astronomica, congruentes in primos Iulianos, & hodie in Gregoria. de potiori.*
1	365	Januarius	31	31	Αυδναιαῖος	*Canun II. Thebet*	Γαμηλιών	Αιγών ♑
2	730	Februarius	59	60	Περίτιος	*Schebat*	Ανθεστηριών	Υδρών ♒
3	1095	Martius	90	91	Δύστρος	*Adar*	Ελαφηβολιών	Ιχθυών ♓
4 00	1461 00	Aprilis	120	121	Ξανθικός	*Nisan*	Μουνυχιών	Κριών ♈
8 00	2922 00	Majus	151	152	Αρτεμίσιος	*Iiar*	Θαργηλιών	Ταυρών ♉
12 00	4383 00	Junius	181	182	Δαίσιος	*Haziran, Sivan*	Σκιροφοριών	Διδυμεών ♊
16 00	5844 00	Julius	212	213	Πάνεμος	*Tamuz*	Εκατομβοιών	Καρκινών ♋
20 00	7305 00	Augustus	243	244	Λῶος	*Ab*	Μεταγειτνιών	Λεοντών ♌
24 00	8766 00	September	273	274	Γορπιαῖος	*Ilul*	Βοηδρομιών	Παρθενών ♍
28 00	10227 00	October	304	305	Υπερβερεταῖος	*Tisrin I. (van*	Μαιμακτηριών	Ζυγών ♎
32 00	11688 00	November	334	335	Δῖος	*Tisrin II. Marches*	Πυανεψιών	Σκορπιών ♏
36 00	13149 00	December.	365	366	Απελλαῖος	*Canun I. Casleu*	Ποσειδεών	Τοξών ♐
40 00	14610 00				*Quidam hos incipiunt a septimis diebus Iulianorum.*			

ÆGYPTIACORVM ET PERSICORVM.

Anni	Dies	*Menses Ægyp.*	*Dies*	*Persici.*	*Dies*	*Primus Thoth anni Nabōassarei.*	*Pervenit ad*	*Ante aram Inc.*	*Primus Thoth anni Nabonass.*	*Perv. ad nit*	*Anno In carnat.*
1 0 0 0	365 0 0 0	*Thoth*	30	*Pharvardin*	30	1	26 Febr.	747	960	1 Iul.	212 B
2 0 0 0	730 0 0 0	*Paophi*	60	*Artipeheſt*	60	4	25 Febr.	744	1080	1 Iun.	332 B
3 0 0 0	1095 0 0 0	*Athyr*	90	*Chortat*	90	100	1 Febr.	648	1204	1 Mai	456 B
4 0 0 0	1460 0 0 0	*Choeac*	120	*Tyrma*	120	224	1 Ianu.	524	1324	1 Apr.	576 B
5 0 0 0	1825 0 0 0	*Tybi*	150	*Mertat*	150	228	31 Dec.	521 B	1448	1 Mar.	700 B
6 0 0 0	2190 0 0 0	*Mechir*	180	*Sachriur*	180	348	1 Dec.	401 B	1452	29 Feb.	704 B
7 0 0 0	2555 0 0 0	*Phamenoth*	210	*Mecherma*	210	468	1 Nov.	281 B	1453	28 Feb	705
8 0 0 0	2920 0 0 0	*Pharmuthi*	240	*Apanma habens*		592	1 Octob.	157 B	1456	27 Feb.	708 B
9 0 0 0	3285 0 0 0	*Pachon*	270	*VVahak*	245	712	1 Sept.	37 B	1460	26 Feb.	712 B
10 0 0 0	3650 0 0 0	*Payni*	300	*Aderma*	275	748	23 Auguſti	1 B	1462	26 Feb.	714
		Epephi	330	*Dima*	305	749	Poſt Chriſtum 23 Auguſti	1			
		Meſori	360	*Pechman*	335	752	22 Auguſti	4 B			
		Epagomenæ	365	*Aſſihandar*	365	836	1 Auguſti	88 B			

Anno Chriſti 632. Primus Pharvardin ſeu Phrurdin incurrit in 16 Iunii, coincidens cum Choeac Ægyptiaco, ut et cæteri Perſici cum cæteris Ægyptiacis ordine, dempto unico Aderma, qui a 6 Meſori Ægyptiaci incepit, habens VVahak ſeu Epagomenas ante ſe, cum ea ſequerentur Ægyptiacum Meſori. Igitur Arabes ABEN ponunt dierum 35.

Sic Annus Magnus Cynicus habet Ægyptios Iulianos 1461 1460.

ARABICORVM HEGIRÆ.

Anni	*Dies*	*Anni*	*Dies*	*Anni*	*Dies*
1	354	16	5670	30 0	10631 0
2	709	17	6024	60 0	21262 0
3	1063	18	6378	90 0	31893 0
4	1417	19	6733	120 0	42524 0
5	1772	20	7087	150 0	53155 0
6	2126	21	7442	180 0	63786 0
7	2480	22	7796	210 0	74417 0
8	2835	23	8150	240 0	85048 0
9	3189	24	8505	270 0	95679 0
10	3543	25	8859	300 0	106310 0
11	3898	26	9213		
12	4252	27	9568		
13	4607	28	9922		
14	4961	29	10276		
15	5315	30	10631		

* *Dsilhitſche Turcis*

Menſes	*Dies*	*Inibant anno 1. Hegiræ*		*Syriacorū appellat. analoga*
Muharram	30	16 Iulii	An. Chr. 622.	*Ab*
Sephar	59	15 Auguſti		*Ilul*
Rabie I.	89	13 Septemb		*Tiſrin I.*
Rabie II.	118	13 Octob.		*Tiſrin II.*
Giumadi I.	148	11 Novemb		*Canun I.*
Giumadi II.	177	11 Decemb		*Canun II.*
Regeb	207	9 Ianuarii	623.	*Schebat*
Sahaben	236	8 Februar.		*Adar*
Ramadhan	266	9 Martii		*Niſan*
Schevval	295	8 Aprilis		*Iiar*
Dulkadati	325	7 Maii		*Haziran*
* *Dulhaiati*	354	5 Iunii		*Tamuz*
In an. abundāti	355			

TYPVS

TYPVS ANNI CONFVSIONIS

qui finem imposuit anno Romano veteri: nec non Iulianorum primorum 49. vitiosorum.

Menses Popiliani.	Quantitas.	Inibant in anno Juliano ex Augusti correctione per fictionem retrò extenso.
Januarius	29	Anno 47. 14. Octob.
Februarius	28	ante Chri- 12. Nov.
Mercedonius tertio quoq; anno intercalari	23 al. 22	stum curr- rente. 10. Dec.
Martius	31	Anno 46. 2. Janua.
Aprilis	29	2. Februar.
Majus	31	3. Martij
Junius	29	3. Aprilis
Quintilis	31	2. Maij
Sextilis	29	2. Junij
September	29	1. Julij
October	31	30. Julij
November	29	30. Aug.
December	29	28. Sept.
Interca. pri.	33	27. Octob.
Interc. post	34	29. Nov.
Januarius anni Juliani primi, ex mente Julij Cæsaris.		45. 2. Januar.

Deinceps Calendæ Mensium (post Bissexti sedem) usualium, sic responderunt diebus mensis Juliani ex observatione hodierna.

Anno Julian. usuali		Ante æra Christi, ut hodie	Diei
	1	45 Biss.	1
	4 Biss.	42	2
	5	41 B.	1
	7 B.	39	2
	9	37 B.	1
Anni intercalationis vitiosæ.	10 B.	36	2
	13 B.	33 B.	2
	16 B.	30	3
	17	29 B.	2
	19 B.	27	3
	21	25 B.	2
	22 B.	24	3
	25 B.	21 B.	3
	28 B.	18	4
	29	17 B.	3
	31 B.	15	4
	33	13 B.	3
	34 B.	12	4
	37 B.	9 B.	4
	38 Hoc anno decreta correctio	8	4
	41	5 B.	3
Anni correctionis.	45	1 B.	2
		Æræ Christi	
	46	5. 1	2
	49	4 B.	1
Primus cor.	50 rectus.	5	1

Tabula ostendens, quomodo Menses exotici Solares fixi hodie cohæreant cum Mensibus Anni Juliani.

Menses Τριακονθήμεροι.

Ægyptiaci, Ecclesiæ Alexandrina; ex charactere Arabico & Æthiopico.	Æthiopici seu Christianorũ Elkupti, vel Abyssinorum	Initia in Anno Juliano Communi.	Bissextili & antecedenti.	Armenorum.	Initia in Anno Juliano, ab anno Christi 551. 552.
Thuth	Mascaram	29	30 Augusti	Navazard	11 Augusti
Pape	Tikmith	28	29 Septemb.	Hori	10 Septembris
Hathur	Hagar	28	29 Octobris	Sahmi	10 Octobris
Chiach	Tachsam	27	28 Novemb.	Dre, Theri	9 Novembris
Tube	Tir	27	28 Decembr.	Kaghots	9 Decembris
Amschir	Iachathith	26	27 Januarij	Aracz	8 Januarij
Parmahath	Magabith	25	26 Februarij	Mahegi	7 Februarij
Parmude	Miazia		27 Martij	Areki	9 Martij
Paschunes	Ginboth		26 Aprilis	Ahgi, Ahelı	8 Aprilis
Paune	Sene		26 Maij	Mariri	8 Maij
Epip	Hamle		25 Junij	Marcacz	7 Junij
Musri	Nahasse		25 Julij	Herodicz	7 Julij
El Nisi	Pagomen		24 Augusti	Aieliacz	6 Augusti

Dies intercalarius in antecedente 29 Augusti. | *18 Mahegi, qui tunc habet 31*

Samaritani Ægyptienses, etsi cum contribulibus suis in Syria, mensibus utuntur quantitate Iulianis: cum Ægyptiis tamen intercalant diem, mensis nomine Vaadar dictum, in 29 Augusti, antecedente sedem Bissexti Romanam.

TABELLA HEBDOMADICA, ad Feriam diei indagandam, Primùm in anno JVLIANO, beneficio CYCLI SOLIS.

I Κυριακή. ☉	II Δευτέρα ☽	III Τρίτη ♂	IV Τετράς ☿	V Πέμπτη ♃	VI Παρασκεύη Φόσφορος ♀	VII Σάββατον ♄	Latereculus cyclorũ ☉.
							28 | 0 | 0
							56 | 0 | 0
							84 | 0 | 0
							112 | 0 | 0
							140 | 0 | 0
							168 | 0 | 0
							196 | 0 | 0
							224 | 0 | 0
							252 | 0 | 0
							280 | 0 | 0
Junius	Sept.	April.		1	2	3	
4	Dec.	5	6	7	8	Martı⁹	
9	10	11	12	Majus.	13	14	
15	16	Julius	17	18	19	20	
Febr. se	q. 21	22	23	24	Augu.	25	
26	27	28	Octob	Janu. s	eq.	Nov.	

Rursum per TRIACONTETERIDA in anno ARABICO vago Hegiræ.

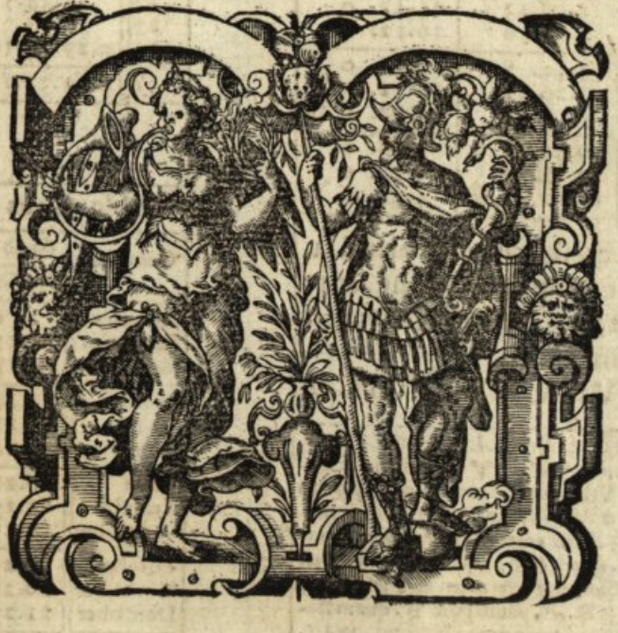
							Latereculus summæ annorum in periodis Arabicis integris.
Tria-	180	conte-	150	teri-	120	des	
90	com-	60	ple-	30	tæ.	0	210 | 0
	2			1		Muhar	420 | 0
5	Sephar	Rabie 1	4	Rabi-		ram 3	630 | 0
		7		e II.	6		840 | 0
	10			9	Gjuma	8	1050 | 0
13			12		di I, II		1260 | 0
Gjuma	Regeb	15			14		1470 | 0
di II.	18		Sahabē	17		16	1680 | 0
21			20	Ramad	19	schevai	1890 | 0
Dulka-		23		han	22		2100 | 0
dati	26			25		24	
29		Dulha-	28		27		
		jati		30 curr			

41

TABVLARVM

RUDOLPHI ASTRONOMICARUM PARS SECUNDA,

PLANETAS SINGULOS
seorsim complexa,



SOLIS

PLANETARUM CHORAGI

ET FIXARUM.

EPOCHÆ SEV RADICES.

Añi cõpleti.	Longitudinis ☉ Sig. Gr. ′ ″	Apogæi ☉. Gr. ′ ″	Primæ ARIEtis Gr. ′ ″
4000	8. 8.36.21	29.52.15 ♓	8.16.58 ♒
3000	8.16. 9.45	16.59.22 ♈	22.26.59 ♒
2000	8.23.43. 9	4. 6.29 ♉	6.36.59 ♓
1000	9. 1.16.33	21.13.37	20.46.59
900	9. 2. 1.53	22.56.20	22.11.59
800	9. 2.47.13	24.39. 2	23.36.59
700	9. 3.32.34	26.21.45	25. 1.59
600	9. 4.17.54	28. 4.28	26.26.59
500	9. 5. 3.15	29.47.11 ♉	27.51.59
400	9. 5.48.35	1.29.53 ♊	29.16.59 ♓
300	9. 6.33.55	3.12.36	0.43.59 ♈
200	9. 7.19.16	4.55.19	2. 6.59
100	9. 8. 4.36	6.38. 2 ♊	3.31.59 ♈
Christi	9. 8.49.57	8.20.44 ♊	4.57. 0 ♈
100	9. 9.35.17	10. 3.27 ♊	6.22. 0 ♈
200	9.10.20.37	11.46.10 ♋	7.47. 0
300	9.11. 5.58	13.28.53	9.12. 0
400	9.11.51.18	15.11.35	10.37. 0
500	9.12.36.39	16.54.18	12. 2. 0
600	9.13.21.59	18.37. 1	13.27. 0
700	9.14. 7.19	20.19.44	14.52. 0
800	9.14.52.40	22. 2.26	16.17. 0
900	9.15.38. 0	23.45. 9	17.42. 0
1000	9.16.23.21	25.27.52 ♋	19. 7. 0
1100	9.17. 8.41	27.10.35 ♊	20.32. 0
1200	9.17.54. 1	28.53.17 ♊	21.57. 0
1300	9.18.39.22	0.36. 0 ♍	23.22. 0
1400	9.19.24.42	2.18.43 ♌	24.47. 0
1500	9.20.10. 3	4. 1.26	26.12. 0
1600	9.20.55.23	5.44. 8	27.37. 0 ♈
1700	9.21.40.43	7.26.51	29. 2. 0 ♈
1800	9.22.26. 4	9. 9.34	0.27. 0 ♉
1900	9.23.11.24	10.52.17	1.52. 0
2000	9.23.56.45	12.34.59 ♌	3.17. 0
2100	9.24.42. 5	14.17.42 ♍	4.42. 0 ♉

Ad Meridiem æquabilem diei primi Ianuarii Iuliani, qui annum in margine, ante Christum, inchoat; post Christum, proxime sequitur, jam finitum.

Sub Meridiano VRANIBVRGICO,

Ante Christum Anno 3993. die 24. Iulii, H. 0. 33′. 26″. Medius ☉ 0. 0′. 0″ ♍. Apog. 0. 0′. 0″ ♈. Polus Mundi Borens supra ultimam caudæ Vrsæ, Austrinus sub Hydro, punctũ Zodiaci æquinoctiale, seu 0 ♈, illud quod an. 1600. numeratum fuit 19. 13′. 36″ ♊. inter cornua ♉. Punctum æquinoctiale alterum seu 0 ♎, quod anno 1600. numeratum est 19. 13′. 36″ ♑. quo ipsissimo in gradu et scr. fere an. 1604 9. Oct. seu 29. Sept. fuit ☌ ♃ ♂, paulo post ♄. quam statim postridie secutus est ortus sideris novi clarissimi, in 17. 43′ ♑. Lat. 1. 55′ Bor. signans ita Creationis æquinoctium.

MOTVS MEDII.

SOLIS ab Æquinoctio.

	In Diebus. Sig. Gr. ′ ″	In horis. Gr. ′ ″	Apogæ. in Diebus ″ ‴
1	0. 0.59. 8	0. 2.28	0 10
2	1.58.17	0. 4.56	0 20
3	2.57.25	0. 7.24	0 30
4	3.56.33	0. 9.51	0 40
5	4.55.42	0.12.19	0 50
6	5.54.50	0.14.47	1 0
7	6.53.58	0.17.15	1 10
8	7.53. 7	0.19.43	1 20
9	8.52.15	0.22.11	1 30
10	0. 9.51.23	0.24.38	1 40
11	10.50.32	0.27. 6	1 50
12	11.49.40	0.29.34	2 0
13	12.48.48	0.32. 2	2 10
14	13.47.57	0.34.30	2 20
15	14.47. 5	0.36.58	2 30
16	15.46.13	0.39.26	2 40
17	16.45.22	0.41.53	2 50
18	17.44.30	0.44.21	3 0
19	18.43.38	0.46.49	3 10
20	0.19.42.47	0.49.17	3 20
21	20.41.55	0.51.45	3 30
22	21.41. 3	0.54.13	3 40
23	22.40.12	0.56.40	3 50
24	23.39.20	0.59. 8	4 0
25	24.38.28	1. 1.36	4 10
26	25.37.37	1. 4. 4	4 20
27	26.36.45	1. 6.32	4 30
28	27.35.53	1. 9. 0	4 40
29	28.35. 2	1.11.28	4 50
30	0.29.34.10	1.13.55	5 0
31	1. 0.33.18	1.16.23	5 10

′ ″ ‴ In minutis

In Mensibus anni simplicis.

Completi.	☉ ab Æquin. Sig. Gr. ′ ″	Apog ′ ″	Fixar ′ ″
Ianuarius	1. 0.33.18	0. 5	0. 5
Februarius	1.28. 9.11	0.10	0. 9
Martius	2.28.42.30	0.15	0.13
Aprilis	3.28.16.39	0.20	0.17
Maius	4.28.49.58	0.25	0.21
Iunius	5.28.24. 8	0.30	0.25
Iulius	6.28.57.26	0.36	0.30
Augustus	7.29.30.44	0.41	0.34
September	8.29. 4.54	0.46	0.38
October	9.29.38.12	0.51	0.43
November	10.29.12.22	0.56	0.47
December	11.29.45.40	1. 2	0.51

In Anno Bissextili dies correctes sũmendi tanquam completi post Februarium.

MOTVS

MOTVS MEDII in Annis expansis et collectis.

Anni		SOLIS ab Æquinoctio. Sig. Gr. ′ ″	Apog. Solis ab Æquin. Gr. ′ ″	Fixarum ab Æquinoct. Gr. ′ ″
	1	11.29.45.40	0. 1. 2	0. 0.51
	2	11.29.31.20	0. 2. 4	0. 1.42
	3	11.29.17. 0	0. 3. 5	0. 2.33
Biſſ.	4	0. 0. 1.49	0. 4. 7	0. 3.24
	5	11.29.47.29	0. 5. 8	0. 4.15
	6	11.29.33. 9	0. 6.10	0. 5. 6
	7	11.29.18.49	0. 7.12	0. 5.57
B	8	0. 0. 3.38	0. 8.13	0. 6.48
	9	11.29.49.18	0. 9.15	0. 7.39
	10	11.29.34.58	0.10.16	0. 8.30
	11	11.29.20.38	0.11.18	0. 9.21
B	12	0. 0. 5.27	0.12.20	0.10.12
	13	11.29.51. 7	0.13.21	0.11. 3
	14	11.29.36.47	0.14.23	0.11.54
	15	11.29.22.27	0.15.25	0.12.45
B	16	0. 0. 7.15	0.16.26	0.13.36
	17	11.29.52.55	0.17.28	0.14.27
	18	11.29.38.36	0.18.29	0.15.18
	19	11.29.24.16	0.19.31	0.16. 9
B	20	0. 0. 9. 4	0.20.33	0.17. 0
	21	11.29.54.44	0.21.34	0.17.51
	22	11.29.40.24	0.22.36	0.18.42
	23	11.29.26. 4	0.23.38	0.19.33
B	24	0. 0.10.53	0.24.39	0.20.24
	25	11.29.56.33	0.25.41	0.21.15
	26	11.29.42.13	0.26.42	0.22. 6
	27	11.29.27.53	0.27.44	0.22.57
B	28	0. 0.12.42	0.28.46	0.23.48
	29	11.29.58.22	0.29.47	0.24.39
	30	11.29.44. 2	0.30.49	0.25.30
	31	11.29.29.42	0.31.51	0.26.21
B	32	0. 0.14.31	0.32.52	0.27.12
	33	0. 0. 0.11	0.33.54	0.28. 3
	34	11.29.45.51	0.34.55	0.28.54
	35	11.29.31.31	0.35.57	0.29.45
B	36	0. 0.16.19	0.36.59	0.30.36
	37	0. 0. 1.59	0.38. 0	0.31.27
	38	11.29.47.40	0.39. 2	0.32.18
	39	11.29.33.20	0.40. 4	0.33. 9
B	40	0. 0.18. 8	0.41. 5	0.34. 0
	41	0. 0. 3.48	0.42. 7	0.34.51
	42	11.29.49.28	0.43. 8	0.35.42
	43	11.29.35. 9	0.44.10	0.36.33
B	44	0. 0.19.57	0.45.12	0.37.24
	45	0. 0. 5.37	0.46.13	0.38.15
	46	11.29.51.17	0.47.15	0.39. 6
	47	11.29.36.57	0.48.17	0.39.57
B	48	0. 0.21.46	0.49.18	0.40.48
	49	0. 0. 7.26	0.50.20	0.41.39
	50	11.29.53. 6	0.51.21	0.42.30
	51	11.29.38.46	0.52.23	0.43.21
B	52	0. 0.23.35	0.53.25	0.44.12
	53	0. 0. 9.15	0.54.26	0.45. 3
	54	11.29.54.55	0.55.28	0.45.54
	55	11.29.40.35	0.56.30	0.46.45
B	56	0. 0.25.23	0.57.31	0.47.36
	57	0. 0.11. 4	0.58.33	0.48.27
	58	11.29.56.44	0.59.34	0.49.18
	59	11.29.42.24	1. 0.36	0.50. 9
B	60	0. 0.27.12	1. 1.38	0.51. 0
	61	0. 0.12.52	1. 2.39	0.51.51
	62	11.29.58.32	1. 3.41	0.52.42
	63	11.29.44.13	1. 4.43	0.53.33
B	64	0. 0.29. 1	1. 5.44	0.54.24
	65	0. 0.14.41	1. 6.46	0.55.15
	66	0. 0. 0.21	1. 7.47	0.56. 6
	67	11.29.46. 1	1. 8.49	0.56.57
B	68	0. 0.30.50	1. 9.51	0.57.48
	69	0. 0.16.30	1.10.52	0.58.39
	70	0. 0. 2.10	1.11.54	0.59.30
	71	11.29.47.50	1.12.56	1. 0.21
B	72	0. 0.32.39	1.13.57	1. 1.12
	73	0. 0.18.19	1.14.59	1. 2. 3
	74	0. 0. 3.59	1.16. 0	1. 2.54
	75	11.29.49.39	1.17. 2	1. 3.45
B	76	0. 0.34.28	1.18. 4	1. 4.36
	77	0. 0.20. 8	1.19. 5	1. 5.27
	78	0. 0. 5.48	1.20. 7	1. 6.18
	79	11.29.51.28	1.21. 9	1. 7. 9
B	80	0. 0.36.16	1.22.10	1. 8. 0
	81	0. 0.21.56	1.23.12	1. 8.51
	82	0. 0. 7.37	1.24.13	1. 9.42
	83	11.29.53.17	1.25.15	1.10.33
B	84	0. 0.38. 5	1.26.17	1.11.24
	85	0. 0.23.45	1.27.18	1.12.15
	86	0. 0. 9.25	1.28.20	1.13. 6
	87	11.29.55. 6	1.29.22	1.13.57
B	88	0. 0.39.54	1.30.23	1.14.48
	89	0. 0.25.34	1.31.25	1.15.39
	90	0. 0.11.14	1.32.26	1.16.30
	91	11.29.56.54	1.33.28	1.17.21
B	92	0. 0.41.43	1.34.30	1.18.12
	93	0. 0.27.23	1.35.31	1.19. 3
	94	0. 0.13. 3	1.36.33	1.19.54
	95	11.29.58.43	1.37.35	1.20.45
B	96	0. 0.43.32	1.38.36	1.21.36
	97	0. 0.29.12	1.39.38	1.22.27
	98	0. 0.14.52	1.40.40	1.23.18
	99	0. 0. 0.32	1.41.42	1.24. 9
B	100	0. 0.45.20	1.42.43	1.25. 0
	200	0. 1.30.41	3.25.25	2.50. 0
	300	0. 2.16. 1	5. 8. 8	4.15. 0
	400	0. 3. 1.22	6.50.51	5.40. 0
	500	0. 3.46.42	8.33.34	7. 5. 0
	600	0. 4.32. 2	10.16.16	8.30. 0
	700	0. 5.17.23	11.58.59	9.55. 0
	800	0. 6. 2.43	13.41.42	11.20. 0
	900	0. 6.48. 4	15.24.25	12.45. 0
	1000	0. 7.33.24	17. 7. 7	14.10. 0
	2000	0.15. 6.48	34.14.15	28.20. 1
	3000	0.22.40.12	51.21.22	42.30. 1
	4000	1. 0.13.36	68.28.29	56.40. 1
	5000	1. 7.47. 0	85.35.37	70.50. 2
	6000	1.15.20.24	102.42′ d	85. 0. 2
	7000	1.22.53.48	119.49′ e	99.10. 2
	8000	2. 0.27.12	137.27′	113.20′3
	9000	2. 8. 0.36	154.34′ n	127.30′3
	10000	2.15.34. 0	171.11′ g	141.40′3
	11000	2.23. 7.24	188.18′ r	155.50′4
	12000	3. 0.40.48	205.25′ ff	170. 0′4

Tabula Æquationum SOLIS.

Anomalia Eccentri, Cum æquatio nis partes phys	Inter-colum-nium, Cum Log-arithmo.	Anomalia coæquata. cum Iffriis	Intervallū Cum Log-arithmo ÷	Æq. pro 10.	Anomalia Eccentri, Cum æquatio nis partes phys	Inter-colum-nium, Cum Log-arithmo.	Anomalia coæquata. Cum Iffriis	Intervallū Cum Log-arithmo ÷	
° ′ ″	Par. ′ ″	Gr. ′ ″			° ′ ″				
0. 0. 0		0. 0. 0	101800 1784		30 0.30.56	3090 0.58.10	0.59. 4 29.29.19	101559 1547	
1 0. 1. 5	3570 0.57.53	0.58.56 0.58.56	101800 1784	0	31 0.31.52	3060 0.58.11	0.59. 5 30.28.24	101543 1531	3
2 0. 2.10	3570 0.57.53	0.58.55 1.57.51	101799 1783	0	32 0.32.47	3030 0.58.13	0.59. 6 31.27.29	101527 1516	3
3 0. 3.14	3560 0.57.54	0.58.56 2.56.47	101798 1782	0	33 0.33.42	3000 0.58.14	0.59. 6 32.26.35	101510 1499	3
4 0. 4.19	3560 0.57.54	0.58.56 3.55.43	101796 1780	0	34 0.34.36	2960 0.58.15	0.59. 7 33.25.42	101493 1482	3
5 0. 5.23	3550 0.57.54	0.58.56 4.54.39	101793 1777	0	35 0.35.29	2920 0.58.16	0.59. 7 34.24.49	101475 1464	3
6 0. 6.28	3550 0.57.54	0.58.56 5.53.35	101790 1774	1	36 0.36.22	2890 0.58.18	0.59. 8 35.23.57	101457 1446	3
7 0. 7.32	3540 0.57.55	0.58.56 6.52.31	101786 1770	1	37 0.37.14	2850 0.58.19	0.59. 8 36.23. 5	101438 1427	3
8 0. 8.37	3530 0.57.55	0.58.56 7.51.27	101782 1767	1	38 0.38. 6	2820 0.58.20	0.59. 9 37.22.14	101419 1408	3
9 0. 9.41	3520 0.57.55	0.58.56 8.50.23	101778 1763	1	39 0.38.57	2780 0.58.21	0.59. 9 38.21.23	101399 1389	3
10 0.10.45	3510 0.57.56	0.58.56 9.49.19	101773 1758	1	40 0.39.48	2740 0.58.23	0.59. 9 39.20.32	101379 1369	3
11 0.11.49	3500 0.57.56	0.58.57 10.48.16	101767 1752	1	41 0.40.36	2700 0.58.24	0.59.10 40.19.42	101359 1350	3
12 0.12.53	3490 0.57.57	0.58.57 11.47.13	101761 1746	1	42 0.41.24	2660 0.58.25	0.59.11 41.18.53	101338 1329	3
13 0.13.56	3480 0.57.57	0.58.57 12.46.10	101754 1739	1	43 0.42.12	2620 0.58.27	0.59.12 42.18. 5	101317 1308	4
14 0.14.59	3470 0.57.57	0.58.58 13.45. 8	101747 1733	1	44 0.42.59	2570 0.58.29	0.59.13 43.17.18	101295 1287	4
15 0.16. 1	3450 0.57.58	0.58.58 14.44. 6	101739 1725	1	45 0.43.45	2530 0.58.30	0.59.14 44.16.32	101273 1265	4
16 0.17. 4	3430 0.57.59	0.58.58 15.43. 4	101730 1716	1	46 0.44.30	2490 0.58.31	0.59.15 45.15.47	101251 1243	4
17 0.18. 6	3410 0.57.59	0.58.58 16.42. 2	101721 1707	2	47 0.45.15	2440 0.58.33	0.59.15 46.15. 2	101228 1221	4
18 0.19. 8	3400 0.58. 0	0.58.59 17.41. 1	101712 1698	2	48 0.45.59	2400 0.58.35	0.59.16 47.14.18	101205 1198	4
19 0.20. 9	3380 0.58. 0	0.58.59 18.40. 0	101702 1688	2	49 0.46.42	2350 0.58.37	0.59.17 48.13.35	101181 1174	4
20 0.21.11	3350 0.58. 1	0.59. 0 19.39. 0	101691 1677	2	50 0.47.25	2300 0.58.38	0.59.17 49.12.52	101157 1150	4
21 0.22.12	3330 0.58. 2	0.59. 0 20.38. 0	101680 1666	2	51 0.48. 5	2250 0.58.40	0.59.18 50.12.10	101133 1127	4
22 0.23.12	3310 0.58. 3	0.59. 1 21.37. 1	101669 1656	2	52 0.48.46	2200 0.58.42	0.59.19 51.11.29	101108 1102	4
23 0.24.12	3290 0.58. 3	0.59. 1 22.36. 2	101657 1644	2	53 0.49.25	2150 0.58.43	0.59.20 52.10.49	101083 1077	4
24 0.25.11	3260 0.58. 4	0.59. 1 23.35. 3	101644 1632	2	54 0.50. 3	2100 0.58.45	0.59.21 53.10.10	101058 1052	4
25 0.26. 9	3240 0.58. 5	0.59. 1 24.34. 4	101631 1619	2	55 0.50.41	2050 0.58.47	0.59.22 54. 9.32	101033 1028	4
26 0.27. 8	3210 0.58. 6	0.59. 2 25.33. 6	101618 1606	2	56 0.51.18	2000 0.58.49	0.59.23 55. 8.55	101007 1002	4
27 0.28. 6	3180 0.58. 7	0.59. 2 26.32. 8	101604 1592	2	57 0.51.54	1950 0.58.50	0.59.24 56. 8.19	100981 976	4
28 0.29. 3	3150 0.58. 8	0.59. 3 27.31.11	101589 1577	2	58 0.52.29	1900 0.58.52	0.59.25 57. 7.44	100954 949	4
29 0.30. 0	3120 0.58. 9	0.59. 3 28.30.14	101574 1562	3	59 0.53. 3	1850 0.58.54	0.59.26 58. 7.10	100927 923	4
30 0.30.56	3090 0.58.10	0.59. 4 29.29.19	101559 1547	3	60 0.53.36	1790 0.58.56	0.59.27 59. 6.37	100900 896	4

Tabula Æquationum SOLIS.

Anomalia Eccentri. Cum æquationis parte phys	Intercolumnium, Cum Logarithmo.	Anomalia coæquata. Cum Siffris	Intervallū Cum Logarithmo ÷		Anomalia Eccentri. Cum æquationis parte phys	Intercolumnium, Cum Logarithmo.	Anomalia coæquata. Cum Siffris	Intervallū Cum Logarithmo +	
60	1790	0.59.27	100900		90	Adde 0	0.59.59	100000	
0.53.35	0.58.56	59. 6.37	896	5	1. 1.53	0.59.59	88.58. 7	0	5
61	1740	0.59.28	100873		91	Subt. 60	1. 0. 0	99969	
0.54. 7	0.58.58	60. 6. 5	869	5	1. 1.52	1. 0. 1	89.58. 7	31	5
62	1680	0.59.29	100845		92	120	1. 0. 1	99938	
0.54.38	0.59. 0	61. 5.34	842	5	1. 1.50	1. 0. 4	90.58. 8	62	5
63	1630	0.59.30	100817		93	190	1. 0. 2	99906	
0.55. 8	0.59. 2	62. 5. 4	814	5	1. 1.47	1. 0. 7	91.58.10	94	5
64	1570	0.59.31	100789		94	250	1. 0. 4	99874	
0.55.37	0.59. 4	63. 4.35	786	5	1. 1.43	1. 0. 9	92.58.14	126	5
65	1520	0.59.32	100761		95	310	1. 0. 5	99843	
0.56. 5	0.59. 6	64. 4. 7	758	5	1. 1.38	1. 0.11	93.58.19	157	5
66	1460	0.59.33	100732		96	380	1. 0. 6	99812	
0.56.32	0.59. 8	65. 3.40	729	5	1. 1.32	1. 0.14	94.58.25	188	5
67	1400	0.59.34	100703		97	440	1. 0. 7	99780	
0.56.58	0.59.10	66. 3.14	701	5	1. 1.25	1. 0.16	95.58.32	220	5
68	1340	0.59.35	100674		98	500	1. 0. 8	99749	
0.57.23	0.59.12	67. 2.49	672	5	1. 1.17	1. 0.18	96.58.40	251	5
69	1290	0.59.36	100645		99	560	1. 0. 9	99718	
0.57.47	0.59.14	68. 2.25	643	5	1. 1. 7	1. 0.20	97.58.49	282	5
70	1230	0.59.37	100616		100	620	1. 0.10	99688	
0.58. 9	0.59.16	69. 2. 2	614	5	1. 0.56	1. 0.22	98.58.59	312	5
71	1170	0.59.38	100586		101	690	1. 0.11	99657	
0.58.30	0.59.18	70. 1.40	584	5	1. 0.44	1. 0.25	99.59.10	343	5
72	1110	0.59.39	100556		102	750	1. 0.12	99626	
0.58.51	0.59.20	71. 1.19	555	5	1. 0.31	1. 0.27	100.59.22	375	5
73	1050	0.59.40	100526		103	810	1. 0.13	99595	
0.59.11	0.59.22	72. 0.59	525	5	1. 0.17	1. 0.29	101.59.35	406	5
74	990	0.59.41	100496		104	870	1. 0.15	99565	
0.59.29	0.59.25	73. 0.40	495	5	1. 0. 2	1. 0.31	102.59.50	437	5
75	930	0.59.42	100466		105	930	1. 0.16	99534	
0.59.46	0.59.27	74. 0.22	465	5	0.59.46	1. 0.33	104. 0. 6	468	5
76	870	0.59.43	100435		106	990	1. 0.17	99504	
1. 0. 2	0.59.29	75. 0. 5	434	5	0.59.29	1. 0.35	105. 0.23	497	5
77	810	0.59.44	100405		107	1050	1. 0.18	99474	
1. 0.17	0.59.31	75.59.50	404	5	0.59.11	1. 0.38	106. 0.41	527	5
78	750	0.59.46	100374		108	1120	1. 0.19	99444	
1. 0.31	0.59.33	76.59.36	373	5	0.58.51	1. 0.40	107. 1. 0	558	5
79	690	0.59.47	100344		109	1180	1. 0.20	99414	
1. 0.44	0.59.35	77.59.23	343	5	0.58.30	1. 0.42	108. 1.20	588	5
80	630	0.59.47	100313		110	1240	1. 0.21	99384	
1. 0.56	0.59.37	78.59.10	313	5	0.58. 9	1. 0.45	109. 1.41	618	5
81	560	0.59.48	100282		111	1290	1. 0.22	99355	
1. 1. 7	0.59.40	79.58.58	282	5	0.57.47	1. 0.47	110. 2. 3	647	5
82	500	0.59.49	100251		112	1350	1. 0.23	99326	
1. 1.17	0.59.42	80.58.47	251	5	0.57.23	1. 0.49	111. 2.26	676	5
83	440	0.59.51	100219		113	1410	1. 0.24	99297	
1. 1.25	0.59.44	81.58.38	219	5	0.56.58	1. 0.52	112. 2.50	705	5
84	380	0.59.52	100188		114	1470	1. 0.25	99268	
1. 1.32	0.59.46	82.58.30	188	5	0.56.32	1. 0.54	113. 3.15	734	5
85	310	0.59.53	100157		115	1530	1. 0.27	99239	
1. 1.38	0.59.48	83.58.23	157	5	0.56. 5	1. 0.56	114. 3.42	763	5
86	250	0.59.54	100126		116	1580	1. 0.28	99211	
1. 1.43	0.59.51	84.58.17	126	5	0.55.37	1. 0.58	115. 4.10	792	5
87	190	0.59.56	100094		117	1640	1. 0.29	99183	
1. 1.47	0.59.53	85.58.13	94	5	0.55. 8	1. 1. 0	116. 4.39	820	5
88	130	0.59.57	100063		118	1700	1. 0.30	99155	
1. 1.50	0.59.55	86.58.10	63	5	0.54.38	1. 1. 2	117. 5. 9	848	5
89	60	0.59.58	100032		119	1750	1. 0.30	99127	
1. 1.52	0.59.57	87.58. 8	32	5	0.54. 7	1. 1. 4	118. 5.39	876	5
90	Adde 0	0.59.59	100000		120	1810	1. 0.31	99100	
1. 1.53	0.59.59	88.58. 7	0	5	0.53.36	1. 1. 6	119. 6.10	904	5

Tabula Æquationum SOLIS.

Anomalia Eccentri. Cum æquatio nis parte phys	Intercolumnium, Cum Logarithmo.	Anomalia coæquata. Cum Differentias.	Intervallū Cum Logarithmo —+		Anomalia Eccentri. Cum æquatio nis parte phys	Intercolumnium, Cum Logarithmo.	Anomalia coæquata. Cum Differentias.	Intervallū Cum Logarithmo —+	
120 0.53.36	1810 I. 1. 6	1. 0.31 119. 6.10	99100 994	5	150 0.30.56	3140 I. 1.55	1. 0.57 149.28.52	98441 1570	3
121 0.53. 3	1860 I. 1. 8	1. 0.32 120. 6.42	99073 931	5	151 0.30. 0	3170 I. 1.56	1. 0.57 150.29.49	98426 1586	3
122 0.52.29	1920 I. 1.10	1. 0.33 121. 7.15	99046 958	5	152 0.29. 3	3209 I. 1.57	1. 0.57 151.30.46	98411 1602	3
123 0.51.54	1970 I. 1.12	1. 0.34 122. 7.49	99020 985	5	153 0.28. 6	3230 I. 1.58	1. 0.58 152.31.44	98396 1617	3
124 0.51.18	2020 I. 1.14	1. 0.36 123. 8.25	98994 1011	4	154 0.27. 8	3260 I. 1.59	1. 0.59 153.32.43	98382 1631	2
125 0.50.41	2070 I. 1.16	1. 0.37 124. 9. 2	98968 1037	4	155 0.26. 9	3290 I. 2. 1	1. 0.59 154.33.42	98369 1644	2
126 0.50. 3	2130 I. 1.18	1. 0.38 125. 9.40	98942 1063	4	156 0.25.11	3310 I. 2. 1	1. 0.59 155.34.41	98356 1657	2
127 0.49.25	2180 I. 1.20	1. 0.38 126.10.18	98917 1089	4	157 0.24.12	3340 I. 2. 2	1. 1. 0 156.35.41	98343 1670	2
128 0.48.46	2230 I. 1.21	1. 0.39 127.10.57	98892 1114	4	158 0.23.12	3370 I. 2. 3	1. 1. 0 157.36.41	98331 1683	2
129 0.48. 5	2280 I. 1.23	1. 0.39 128.11.36	98867 1139	4	159 0.22.12	3390 I. 2. 4	1. 1. 1 158.37.42	98320 1695	2
130 0.47.25	2330 I. 1.25	1. 0.40 129.12.16	98843 1163	4	160 0.21.11	3410 I. 2. 4	1. 1. 1 159.38.43	98309 1706	2
131 0.46.42	2380 I. 1.27	1. 0.41 130.12.57	98819 1188	4	161 0.20. 9	3430 I. 2. 5	1. 1. 1 160.39.44	98298 1717	2
132 0.45.59	2420 I. 1.28	1. 0.42 131.13.39	98796 1211	4	162 0.19. 8	3450 I. 2. 6	1. 1. 2 161.40.46	98288 1727	2
133 0.45.15	2470 I. 1.30	1. 0.44 132.14.23	98773 1234	4	163 0.18. 6	3470 I. 2. 7	1. 1. 2 162.41.48	98279 1736	2
134 0.44.30	2510 I. 1.31	1. 0.45 133.15. 8	98750 1257	4	164 0.17. 4	3490 I. 2. 7	1. 1. 2 163.42.50	98270 1745	1
135 0.43.45	2560 I. 1.33	1. 0.46 134.15.54	98727 1282	4	165 0.16. 1	3510 I. 2. 8	1. 1. 3 164.43.53	98261 1754	1
136 0.42.59	2610 I. 1.35	1. 0.47 135.16.41	98705 1304	4	166 0.14.59	3520 I. 2. 8	1. 1. 3 165.44.56	98253 1762	1
137 0.42.12	2650 I. 1.37	1. 0.47 136.17.28	98683 1326	4	167 0.13.56	3540 I. 2. 9	1. 1. 3 166.45.59	98246 1769	1
138 0.41.24	2690 I. 1.39	1. 0.48 137.18.16	98662 1347	4	168 0.12.53	3550 I. 2.10	1. 1. 4 167.47. 3	98239 1776	1
139 0.40.36	2740 I. 1.40	1. 0.49 138.19. 5	98641 1368	3	169 0.11.49	3560 I. 2.10	1. 1. 3 168.48. 6	98233 1782	1
140 0.39.48	2780 I. 1.42	1. 0.49 139.19.54	98621 1389	3	170 0.10.45	3580 I. 2.11	1. 1. 4 169.49.10	98227 1788	1
141 0.38.57	2820 I. 1.43	1. 0.50 140.20.44	98601 1409	3	171 0. 9.41	3590 I. 2.11	1. 1. 4 170.50.14	98222 1793	1
142 0.38. 6	2860 I. 1.45	1. 0.51 141.21.35	98582 1428	3	172 0. 8.37	3600 I. 2.11	1. 1. 4 171.51.18	98217 1798	1
143 0.37.14	2890 I. 1.46	1. 0.52 142.22.27	98563 1447	3	173 0. 7.32	3600 I. 2.12	1. 1. 5 172.52.23	98213 1802	1
144 0.36.22	2930 I. 1.47	1. 0.53 143.23.20	98544 1466	3	174 0. 6.28	3610 I. 2.12	1. 1. 5 173.53.28	98210 1806	1
145 0.35.29	2970 I. 1.48	1. 0.54 144.24.14	98526 1485	3	175 0. 5.23	3620 I. 2.12	1. 1. 5 174.54.33	98207 1809	0
146 0.34.36	3010 I. 1.50	1. 0.54 145.25. 8	98508 1503	3	176 0. 4.19	3620 I. 2.12	1. 1. 5 175.55.38	98205 1811	0
147 0.33.42	3040 I. 1.51	1. 0.55 146.26. 3	98491 1520	3	177 0. 3.14	3630 I. 2.12	1. 1. 5 176.56.43	98203 1813	0
148 0.32.47	3070 I. 1.52	1. 0.56 147.26.59	98474 1537	3	178 0. 2.10	3630 I. 2.12	1. 1. 6 177.57.49	98201 1815	0
149 0.31.52	3110 I. 1.53	1. 0.56 148.27.55	98457 1554	3	179 0. 1. 5	3630 I. 2.12	1. 1. 5 178.58.54	98200 1816	0
150 0.30.56	3140 I. 1.55	1. 0.57 149.28.52	98441 1570	3	180 0. 0. 0	3630 I. 2.12	1. 1. 6 180. 0. 0	98200 1816	0

CANON Sexagenarius Motuum mediorum SOLIS.

Dies	Ab Æquinoctio seu Compositi.	Anomaliæ Annuæ.	A Fixis seu Simplicis.
	Di. 1æ 2æ 3æ	Di. 1æ 2æ 3æ	Di. 1æ 2æ 3æ
Dies	Sex.Par ' " ‴ ⁗	Sex.Par ' " ‴ ⁗	Sex.Par ' " ‴ ⁗
1a	Sex.Par ' " ‴ ⁗	Sex.Par ' " ‴ ⁗	Sex.Par ' " ‴ ⁗
2a	Sex.Par ' " ‴ ⁗	Sex.Par ' " ‴ ⁗	Sex.Par ' " ‴ ⁗
3a	Sex.Par ' " ‴ ⁗	Sex.Par ' " ‴ ⁗	Sex.Par ' " ‴ ⁗
1	0. 0.59. 8.19.44.45.43.59	0. 0.59. 8. 9.37.20.49.17	0. 0.59. 8.11.22. 5.22.18
2	0. 1.58.16.39.29.31.27.58	0. 1.58.16.19.14.41.38.34	0. 1.58.16.22.44.10.44.36
3	0. 2.57.24.59.14.17.11.57	0. 2.57.24.28.52. 2.27.51	0. 2.57.24.34. 6.16. 6.54
4	0. 3.56.33.18.59. 2.55.56	0. 3.56.32.38.29.23.17. 7	0. 3.56.32.45.28.21.29.12
5	0. 4.55.41.38.43.48.39.55	0. 4.55.40.48. 6.44. 6.24	0. 4.55.40.56.50.26.51.30
6	0. 5.54.49.58.28.34.23.54	0. 5.54.48.57.44. 4.55.41	0. 5.54.49. 8.12.32.13.48
7	0. 6.53.58.18.13.20. 7.53	0. 6.53.57. 7.21.25.44.58	0. 6.53.57.19.34.37.36. 6
8	0. 7.53. 6.37.58. 5.51.52	0. 7.53. 5.16.58.46.34.15	0. 7.53. 5.30.56.42.58.24
9	0. 8.52.14.57.42.51.35.51	0. 8.52.13.26.36. 7.23.32	0. 8.52.13.42.18.48.20.42
10	0. 9.51.23.17.27.37.19.50	0. 9.51.21.36.13.28.12.49	0. 9.51.21.53.40.53.43. 0
11	0.10.50.31.37.12.23. 3.49	0.10.50.29.45.50.49. 2. 6	0.10.50.30. 5. 2.59. 5.18
12	0.11.49.39.56.57. 8.47.48	0.11.49.37.55.28. 9.51.23	0.11.49.38.16.25. 4.27.36
13	0.12.48.48.16.41.54.31.47	0.12.48.46. 5. 5.30.40.39	0.12.48.46.27.47. 9.49.54
14	0.13.47.56.36.26.40.15.46	0.13.47.54.14.42.51.29.56	0.13.47.54.39. 9.15.12.12
15	0.14.47. 4.56.11.25.59.45	0.14.47. 2.24.20.12.19.13	0.14.47. 2.50.31.20.34.30
16	0.15.46.13.15.56.11.43.44	0.15.46.10.33.57.33. 8.30	0.15.46.11. 1.53.25.56.48
17	0.16.45.21.35.40.57.27.43	0.16.45.18.43.34.53.57.47	0.16.45.19.13.15.31.19. 6
18	0.17.44.29.55.25.43.11.42	0.17.44.26.53.12.14.47. 3	0.17.44.27.24.37.36.41.24
19	0.18.43.38.15.10.28.55.41	0.18.43.35. 2.49.35.36.20	0.18.43.35.35.59.42. 3.42
20	0.19.42.46.34.55.14.39.40	0.19.42.43.12.26.56.25.37	0.19.42.43.47.21.47.26. 0
21	0.20.41.54.54.40. 0.23.39	0.20.41.51.22. 4.17.14.54	0.20.41.51.58.43.52.48.18
22	0.21.41. 3.14.24.46. 7.38	0.21.40.59.31.41.38. 4.11	0.21.41. 0.10. 5.58.10.36
23	0.22.40.11.34. 9.31.51.37	0.22.40. 7.41.18.58.53.28	0.22.40. 8.21.28. 3.32.54
24	0.23.39.19.53.54.17.35.36	0.23.39.15.50.56.19.42.45	0.23.39.16.32.50. 8.55.12
25	0.24.38.28.13.39. 3.19.35	0.24.38.24. 0.33.40.32. 2	0.24.38.24.44.12.14.17.30
26	0.25.37.36.33.23.49. 3.34	0.25.37.32.10.11. 1.21.19	0.25.37.32.55.34.19.39.48
27	0.26.36.44.53. 8.34.47.33	0.26.36.40.19.48.22.10.35	0.26.36.40. 6.56.25. 2. 6
28	0.27.35.53.12.53.20.31.32	0.27.35.48.29.25.42.59.52	0.27.35.49.18.18.30.24.24
29	0.28.35. 1.32.38. 6.15.31	0.28.34.56.39. 3. 3.49. 9	0.28.34.57.29.40.35.46.42
30	0.29.34. 9.52.22.51.59.30	0.29.34. 4.48.40.24.38.26	0.29.34. 5.41. 2.41. 9. 0
31	0.30.33.18.12. 7.37.43.29	0.30.33.12.58.17.45.27.43	0.30.33.13.52.24.46.31.17
32	0.31.32.26.31.52.23.27.28	0.31.32.21. 7.55. 6.17. 0	0.31.32.22. 3.46.51.53.35
33	0.32.31.34.51.37. 9.11.27	0.32.31.29.17.32.27. 6.16	0.32.31.30.15. 8.57.15.53
34	0.33.30.43.11.21.54.55.26	0.33.30.37.27. 9.47.55.33	0.33.30.38.26.31. 2.38.11
35	0.34.29.51.31. 6.40.39.25	0.34.29.45.36.47. 8.44.50	0.34.29.46.37.53. 8. 0.29
36	0.35.28.59.50.51.26.23.24	0.35.28.53.46.24.29.34. 7	0.35.28.54.49.15.13.22.47
37	0.36.28. 8.10.36.12. 7.23	0.36.28. 1.56. 1.50.23.24	0.36.28. 3. 0.37.18.45. 5
38	0.37.27.16.30.20.57.51.22	0.37.27.10. 5.39.11.12.41	0.37.27.11.11.59.24. 7.23
39	0.38.26.24.50. 5.43.35.21	0.38.26.18.15.16.32. 1.58	0.38.26.19.23.21.29.29.41
40	0.39.25.33. 9.50.29.19.20	0.39.25.26.24.53.52.51.15	0.39.25.27.34.43.34.51.59
41	0.40.24.41.29.35.15. 3.19	0.40.24.34.34.31.13.40.32	0.40.24.35.46. 5.40.14.17
42	0.41.23.49.49.20. 0.47.18	0.41.23.42.44. 8.34.29.48	0.41.23.43.57.27.45.36.35
43	0.42.22.58. 9. 4.46.31.17	0.42.22.50.53.45.55.19. 5	0.42.22.52. 8.49.50.58.53
44	0.43.22. 6.28.49.32.15.16	0.43.21.59. 3.23.16. 8.22	0.43.22. 0.20.11.56.21.11
45	0.44.21.14.48.34.17.59.15	0.44.21. 7.13. 0.36.57.39	0.44.21. 8.31.34. 1.43.29
46	0.45.20.23. 8.19. 3.43.14	0.45.20.15.22.37.57.46.56	0.45.20.16.42.56. 7. 5.47
47	0.46.19.31.28. 3.49.27.13	0.46.19.23.32.15.18.36.13	0.46.19.24.54.18.12.28. 5
48	0.47.18.39.47.48.35.11.12	0.47.18.31.41.52.39.25.29	0.47.18.33. 5.40.17.50.23
49	0.48.17.48. 7.33.20.55.11	0.48.17.39.51.30. 0.14.46	0.48.17.41.17. 2.23.12.41
50	0.49.16.56.27.18. 6.39.10	0.49.16.48. 1. 7.21. 4. 3	0.49.16.49.28.24.28.34.59
51	0.50.16. 4.47. 2.52.23. 9	0.50.15.56.10.44.41.53.20	0.50.15.57.39.46.33.57.17
52	0.51.15.13. 6.47.38. 7. 8	0.51.15. 4.20.22. 2.42.37	0.51.15. 6.51. 8.39.19.35
53	0.52.14.21.26.32.23.51. 7	0.52.14.12.29.59.23.31.54	0.52.14.14. 2.30.44.41.53
54	0.53.13.29.46.17. 9.35. 6	0.53.13.20.39.36.44.21.11	0.53.13.22.13.52.50. 4.11
55	0.54.12.38. 6. 1.55.19. 5	0.54.12.28.49.14. 5.10.28	0.54.12.30.25.14.55.26.29
56	0.55.11.46.25.46.41. 3. 4	0.55.11.36.58.51.25.59.45	0.55.11.38.36.37. 0.48.47
57	0.56.10.54.45.31.26.47. 3	0.56.10.45. 8.28.46.49. 2	0.56.10.46.47.59. 6.11. 5
58	0.57.10. 3. 5.16.12.31. 3	0.57. 9.53.18. 6. 7.38.19	0.57. 9.54.59.21.11.33.23
59	0.58. 9.11.25. 0.58.15. 2	0.58. 9. 1.27.43.28.27.36	0.58. 9. 3.10.43.16.55.41
60	0.59. 8.19.44.45.43.59. 1	0.59. 8. 9.37.20.49.16.53	0.59. 8.11.22. 5.22.17.59
∫c.1a	Par. ' " ‴ ⁗ v	Par. ' " ‴ ⁗ v	Par. ' " ‴ ⁗ v
2a	' " ‴ ⁗ v	' " ‴ ⁗ v	' " ‴ ⁗ v
3a	" ‴ ⁗ v	" ‴ ⁗ v	" ‴ ⁗ v
4a	‴ ⁗ v	‴ ⁗ v	‴ ⁗ v

STEL-

STELLÆ

SATURNI

SUPERIORUM ALTISSIMI

EPOCHÆ SEV RADICES.

Añi cõpleti.	Motus Medii. Sig. Gr. ′ ″	Aphelii. Sig. Gr. ′ ″	Nodi Ascend. Sig. Gr. ′ ″
4000	3. 3. 0.43	28.14.34 ♌	29.50.59 ♓
3000	2.27.54.38	19.15.50 ♍	19.41.53 ♈
2000	2.22.48.33	10.17. 5 ♎	9.32.46 ♉
1000	2.17.42.28	1.18.21 ♏	29.23.40 ♉
900	7.11.11.52	3.24.29	1.22.45 ♊
800	0. 4.41.15	5.30.36	3.21.50
700	4.28.10.39	7.36.44	5.20.56
600	9.21.40. 2	9.42.51	7.20. 1
500	2.15. 9.26	11.48.59	9.19. 7
400	7. 8.38.49	13.55. 6	11.18.12
300	0. 2. 8.13	16. 1.14	13.17.17
200	4.25.37.36	18. 7.21	15.16.23
100	9.19. 7. 0	20.13.29 ♏	17.15.28 ♊
Christi	2.12.36.23	22.19.36 ♏	19.14.33 ♊
100	7. 6. 5.47	24.25.44 ♏	21.13.38 ♊
200	11.29.35.10	26.31.51	23.12.43 ♋
300	4.23. 4.34	28.37.59 ♏	25.11.49
400	9.16.33.57	0.44. 6 ♐	27.10.54
500	2.10. 3.21	2.50.14 ♐	29.10. 0 ♊
600	7. 3.32.44	4.56.21	1. 9. 5 ♌
700	11.27. 2. 8	7. 2.29	3. 8.10 ♍
800	4.20.31.31	9. 8.36	5. 7.16
900	9.14. 0.55	11.14.44	7. 6.21
1000	2. 7.30.18	13.20.51	9. 5.27
1100	7. 0.59.42	15.26.59	11. 4.32
1200	11.24.29. 5	17.33. 6	13. 3.37
1300	4.17.58.29	19.39.14	15. 2.43
1400	9.11.27.52	21.45.21	17. 1.48
1500	2. 4.57.16	23.51.29 ♐	19. 0.54 ♍
1600	6.28.26.39	25.57.36 ♐	20.59.59 ♌
1700	11.21.56. 3	28. 3.44 ♐	22.59. 4
1800	4.15.25.26	0. 9.51 ♑	24.58.10
1900	9. 8.54.50	2.15.59	26.57.15
2000	2. 2.24.13	4.22. 6	28.56.20 ♌
2100	6.25.53.37	6.28.14 ♑	0.55.25 ♌

Ad Meridiem æquabilem diei primi Ianuarii Iuliani, qui annum in margine, antè Christum, inchoat; post Christum, proximè sequitur, jam finitum.

Sub Meridiano, qui transit per fretum Maris Balthici, eiusque insulam HVENNAM, et arcem VRANIBVRGVM.

Ante Christum Anno 3993. die 24. Iulii, Vraniburgi H. o. 33′. 26″.

Medius ♄	Aphelium ♄	Nodus asc. ♄
5.29.57 ♎	28.24. 6 ♌	0. 0′. 0″ ♈
Quid si 0. 0′. 0″ ♎	0. 0′ 0″ ♎	

MOTVS MEDII.

SATVRNI ab Æquinoctio. ♄

	In Diebus. Sig. Gr. ′ ″	In horis. Gr. ′ ″	Aphel: in Dieb. ″ ‴	♄ Nod. in Dieb. ″ ‴
1	0. 0. 2. 1	0. 0. 5	0 12	0 12
2	0. 4. 1	0.10	0 25	0 24
3	0. 6. 2	0.15	0 37	0 35
4	0. 8. 2	0.20	0 50	0 47
5	0.10. 3	0.25	1 2	0 59
6	0.12. 4	0.30	1 15	1 11
7	0.14. 4	0.35	1 27	1 23
8	0.16. 5	0.40	1 39	1 34
9	0.18. 5	0.45	1 52	1 46
10	0. 0.20. 6	0.50	2 4	1 58
11	0.22. 7	0. 0.55	2 17	2 9
12	0.24. 7	0. 1. 0	2 29	2 21
13	0.26. 8	1. 5	2 42	2 33
14	0.28. 8	1.10	2 54	2 45
15	0.30. 9	1.15	3 6½	2 56
16	0.32. 9	1.20	3 19	3 8
17	0.34.10	1.25	3 31	3 20
18	0.36.11	1.30	3 44	3 32
19	0.38.11	1.35	3 56	3 44
20	0. 0.40.12	0. 1.40	4 9	3 56
21	0.42.12	1.45	4 21	4 8
22	0.44.13	1.51	4 34	4 20
23	0.46.14	1.56	4 46	4 32
24	0.48.14	2. 1	4 58	4 43
25	0.50.15	2. 6	5 11	4 55
26	0.52.15	2.11	5 23	5 7
27	0.54.16	2.16	5 36	5 19
28	0.56.17	2.21	5 48	5 30
29	0.58.17	2.26	6 0	5 42
30	1. 0.18	2.31	6. 13	5 54
31	0. 1. 2.18	0. 2.36	6. 25	6. 6

′ ″ ‴ In minutis

In Mensibus anni simplicis.

Completi. Comm.	♄ ab Æquin. Sig. Gr. ′ ″	Aph. ′ ″	Nodi ′ ″	Nod. Rectific. ′ ″ ‴
Ianuarius	0. 1. 2.18	0. 6	0. 6	0 5 57
Februarius	0. 1.58.35	0.12	0.11	0 11 53
Martius	0. 3. 0.53	0.18	0.17	0 17 50
Aprilis	0. 4. 1.11	0.24	0.23	0 23 46
Maius	0. 5. 3.29	0.31	0.29	0 29 43
Iunius	0. 6. 3.47	0.37	0.35	0 35 39
Iulius	0. 7. 6. 5	0.43	0.41	0 41 36
Augustus	0. 8. 8.24	0.50	0.48	0 47 32
September	0. 9. 8.42	0.56	0.54	0 53 29
October	0.10.11. 0	1. 3	1. 0	0 59 25
November	0.11.11.18	1. 9	1. 6	1 5 22
December	0.12.13.36	1.16	1.12	1 11 18

Bissext: ° ′ ″
1 2 18
2 0 35
3 2 53
4 3 11
4 5 29
6 5 47
7 8 5
8 10 24
9 10 42
10 13 0
11 13 18
12 15 36

MOTVS MEDII in Annis expansis et collectis.

Anni	SATVRNI ab Æquinoctio. Sig. Gr. ′ ″	Aphelii ♄ ab Æquinoctio. Sig. Gr. ′ ″	Nodi ♄ ab Æquinoctio. Sig. Gr. ′ ″
1	0.12.13.36	0. 0. 1.16	0. 0. 1.12
2	0.24.27.11	2.31	2.23
3	1. 6.40.47	‴ ″ 3.47	3.34
Biff. 4	1.18.56.22	32.24) 5. 2	42 8 24) 4.46
5	2. 1. 9.58	6.18	5.57
6	2.13.23. 4	7.34	7. 9
7	2.25.37. 9	8.50	8.20
B 8	3. 7.52.45	‴ ″ 4.48) 10. 5	9.32
9	3.20. 6.21	11.21	10.43
10	4. 2.19.56	12.37	11.54
11	4.14.33.32	‴ ″ 13.52	13. 6
B 12	4.26.49. 7	37 12) 15. 8	14.17
13	5. 9. 2.43	16.24	15.29
14	5.21.16.19	17.39	16.40
15	6. 3.29.54	‴ ″ 18.55	17.52
B 16	6.15.45.30	9 36) 20.11	19. 3
17	6.27.59. 6	21.26	20.15
18	7.10.12.41	22.42	21.26
19	7.22.26.17	‴ ″ 23.58	22.37
B 20	8. 4.41.52	42 0) 25.14	23.49
21	8.16.55.28	26.29	25. 0
22	8.29. 9. 4	27.45	26.12
23	9.11.22.39	‴ ″ 29. 1	27.23
B 24	9.23.38.15	14 24) 30.16	28.35
25	10. 5.51.51	31.32	29.46
26	10.18. 5.26	32.48	30.57
27	11. 0.19. 2	‴ ″ 34. 3	32. 9
B 28	11.12.34.37	46 28) 35.19	33.20
29	11.24.48.13	36.35	34.32
30	0. 7. 1.49	37.50	35.43
31	0.19.15.24	‴ ″ 39. 6	36.55
B 32	1. 1.31. 0	19 12) 40.22	38. 6
33	1.13.44.36	41.37	39.18
34	1.25.58.11	42.53	40.29
35	2. 8.11.45	‴ ″ 44. 9	41.40
B 36	2.20.27.22	51 36) 45.24	42.52
37	3. 2.40.58	46.40	44. 3
38	3.14.54.34	47.56	45.15
39	3.27. 8. 9	49.11	46.26
B 40	4. 9.23.45	‴ ″ 24 0) 50.27	47.38
41	4.21.37.21	51.43	48.49
42	5. 3.50.56	52.58	50. 0
43	5.16. 4.32	54.14	51.12
B 44	5.28.20. 7	‴ ″ 56 24) 55.30	52.23
45	6.10.33.43	56.45	53.35
46	6.22.47.19	58. 1	54.46
47	7. 5. 0.54	0. 0.59.17	55.58
B 48	7.17.16.30	0. 1. 0.32	57. 9
49	7.29.30. 6	28 48) 1.48	58.21
50	8.11.43.41	3. 4	0. 0.59.32
51	8.23.57.17	4.19	0. 1. 0.43
B 52	9. 6.12.53	‴ ″ 1 12) 5.35	1.55
53	9.18.26.28	6.51	3. 6
54	10. 0.40. 4	8. 6	4.18
55	10.12.53.39	9.22	5.29
B 56	10.25. 9.15	‴ ″ 33 36) 10.38	6.41
57	11. 7.22.51	11.53	7.52
58	11.19.36.27	13. 9	9. 4
59	0. 1.50. 2	‴ ″ 14.25	10.15
B 60	0.14. 5.38	0.) 1.15.41	0. 1.11.27

Anni	SATVRNI ab Æquinoctio. Sig. Gr. ′ ″	Aphelii ♄ ab Æquinoctio. Sig. Gr. ′ ″	Nodi ♄ ab Æquinoctio. Sig. Gr. ′ ″
61	0.26.19.14	0. 1.16.56	0. 1.12.38
62	1. 8.32.49	18.12	13.49
63	1.20.46.25	‴ ″ 19.28	15. 1
B 64	2. 3. 2. 0	38 24) 20.46	13.12
65	2.15.15.36	21.59	17.24
66	2.27.29.12	23.15	18.35
67	3. 9.42.47	24.30	19.47
B 68	3.21.58.23	‴ ″ 10 48) 25.46	20.58
69	4. 4.11.59	27. 2	22.10
70	4.16.25.34	28.17	23.21
71	4.28.39.10	‴ ″ 29.33	24.32
B 72	5.10.54.45	43 12) 30.49	25.44
73	5.23. 8.21	32. 4	26.55
74	6. 5.21.57	33.20	28. 7
75	6.17.35.32	34.36	29.18
B 76	6.29.51. 8	‴ ″ 15 36) 35.51	30.30
77	7.12. 4.44	37. 7	31.41
78	7.24.18.19	38.23	32.53
79	8. 6.31.55	39.38	34. 4
B 80	8.18.47.30	‴ ″ 48 0) 40.54	35.16
81	9. 1. 1. 6	42.10	36.27
82	9.13.14.42	43.25	37.39
83	9.25.28.17	44.41	38.50
B 84	10. 7.43.53	‴ ″ 20 24) 45.57	40. 1
85	10.19.57.29	47.12	41.13
86	11. 2.11. 4	48.28	42.24
87	11.14.24.40	49.44	43.36
B 88	11.26.40.16	52 48) 50.59	44.47
89	0. 8.53.51	52.15	45.59
90	0.21. 7.27	53.31	47.10
91	1. 3.21. 2	54.46	48.22
B 92	1.15.36.38	‴ ″ 25 12) 56. 2	49.33
93	1.27.50.14	57.18	50.44
94	2.10. 3.49	58.33	51.56
95	2.22.17.25	0. 1.59.49	53. 7
B 96	3. 4.33. 0	0. 2. 1. 5	54.19
97	3.16.46.36	2. 2.20	55.30
98	3.29. 0.12	2. 3.36	56.42
99	4.11.13.47	2. 4.52	57.53
B 100	4.23.29.23	0. 2. 6. 8	0. 1.59. 5
200	9.16.58.47	0. 4.12.15	0. 3.58.10
300	2.10.28.10	6.18.23	5.57.16
400	7. 3.57.34	‴ ″ 8.24.30	7.56.21
500	11.27.26.58	30 30) 10.30.38	9.55.27
600	4.20.56.21	12.36.45	11.54.32
700	9.14.25.44	‴ ″ 30 30) 14.42.53	13.53.37
800	2. 7.55. 8	16.49. 1	15.52.4
900	7. 1.24.31	0.18.55. 8	17.51.4
1000	11.24.53.55	0.21. 1.16	0.19.50.54
2000	11.19.47.50	1.12. 2.31	1. 9.41.47
3000	11.14.41.45	2. 3. 3.47	1.29.32.41
4000	11. 9.35.40	2.24. 5. 2	2.19.23.34
5000	11. 4.29.35	3.15. 6.18	3. 9.14.28
6000	10.29.23.30	4. 6. 7.34	3.29. 5.21
7000	10.24.17.25	4.27. 8.49	4.18.56.15
8000	10.19.11.20	5.18.10. 5	5. 8.47. 8
9000	10.14. 5.15	6. 9.11.20	5.28.38. 2
10000	10. 8.59.10	7. 0.12.36	6.18.28.55
11000	10. 3.53. 5	7.21.13.52	7. 8.19.49
12000	9.28.47. 0	8.12.15. 7	7.28.10.42

Bissext. 4 | 1 18 51 19 50 15 36 . *Motv Anomal. med.*

Tabula Æquationum SATVRNI.

Anomalia Eccentri, *Cum æquatio nis parte phys*	Intercolumnium, *Cum Logarithmo.*	Anomalia coæquata.	Intervallū *Cum Logarithmo*	
0 ′ ″	Par. ′ ″	Gr. ′ ″	1005147	
0. 0. 0		0. 0. 0	230773	0
1	11260		1005139	
0. 3.25	0.53.37	0.56.40	230772	0
2	11260		1005114	
0. 6.49	0.53.37	1.53.21	230769	1
3	11250		1005073	
0.10.14	0.53.37	2.50. 1	230764	1
4	11250		1005015	
0.13.39	0.53.38	3.46.42	230758	1
5	11240		1004941	
0.17. 4	0.53.38	4.43.23	230752	1
6	11220		1004850	
0.20.29	0.53.39	5.40. 4	230743	2
7	11200		1004744	
0.23.53	0.53.39	6.36.46	230733	2
8	11180		1004620	
0.27.17	0.53.40	7.33.28	230720	2
9	11160		1004480	
0.30.40	0.53.40	8.30.11	230706	3
10	11130		1004324	
0.34. 2	0.53.41	9.26.53	230690	3
11	11100		1004152	
0.37.24	0.53.42	10.23.36	230673	3
12	11070		1003964	
0.40.45	0.53.43	11.20.20	230654	3
13	11030		1003759	
0.44. 5	0.53.44	12.17. 4	230634	4
14	10990		1003538	
0.47.24	0.53.46	13.13.49	230612	4
15	10940		1003302	
0.50.43	0.53.47	14.10.35	230588	4
16	10890		1003049	
0.54. 0	0.53.49	15. 7.23	230563	4
17	10830		1002781	
0.57.16	0.53.51	16. 4.11	230536	5
18	10760		1002496	
1. 0.32	0.53.53	17. 1. 0	230508	5
19	10690		1002196	
1. 3.47	0.53.55	17.57.50	230478	5
20	10630		1001881	
1. 7. 0	0.53.57	18.54.41	230446	5
21	10560		1001551	
1.10.12	0.53.59	19.51.33	230413	6
22	10490		1001204	
1.13.22	0.54. 2	20.48.26	230378	6
23	10420		1000842	
1.16.31	0.54. 4	21.45.20	230342	6
24	10340		1000465	
1.19.39	0.54. 6	22.42.16	230305	6
25	10270		1000073	
1.22.46	0.54. 9	23.39.13	230266	7
26	10190		999667	
1.25.52	0.54.11	24.36.11	230225	7
27	10110		999245	
1.28.56	0.54.14	25.33.11	230183	7
28	10020		998809	
1.31.59	0.54.17	26.30.13	230139	7
29	9930		998358	
1.35. 0	0.54.19	27.27.16	230094	7
30	9840		997893	
1.37.59	0.54.22	28.24.21	230047	8
31	9750		997413	
1.40.56	0.54.26	29.21.27	229999	8
32	9650		996919	
1.43.51	0.54.29	30.18.35	229950	8
33	9550		996412	
1.46.44	0.54.32	31.15.44	229899	8
34	9440		995890	
1.49.35	0.54.36	32.12.55	229847	9
35	9330		995355	
1.52.24	0.54.39	33.10. 7	229793	9
36	9210		994806	
1.55.10	0.54.43	34. 7.21	229738	9
37	9090		994244	
1.57.55	0.54.47	35. 4.37	229681	9
38	8960		993668	
2. 0.38	0.54.51	36. 1.56	229623	10
39	8840		993080	
2. 3.19	0.54.55	36.59.17	229564	10
40	8710		992479	
2. 5.58	0.55. 0	37.56.41	229503	10
41	8590		991865	
2. 8.34	0.55. 4	38.54. 7	229441	10
42	8460		991239	
2.11. 8	0.55. 9	39.51.35	229378	10
43	8330		990600	
2.13.39	0.55.13	40.49. 5	229314	11
44	8200		989951	
2.16. 7	0.55.17	41.46.37	229248	11
45	8070		989288	
2.18.33	0.55.21	42.44.12	229181	11
46	7930		988614	
2.20.57	0.55.26	43.41.49	229113	11
47	7800		987928	
2.23.18	0.55.30	44.39.28	229044	11
48	7670		987231	
2.25.36	0.55.34	45.37.12	228974	11
49	7540		986524	
2.27.52	0.55.38	46.34.55	228902	12
50	7400		985805	
2.30. 4	0.55.43	47.32.42	228829	12
51	7270		985076	
2.32.14	0.55.48	48.30.30	228755	12
52	7130		984336	
2.34.22	0.55.52	49.28.20	228680	12
53	6990		983586	
2.36.28	0.55.57	50.26.13	228604	12
54	6840		982827	
2.38.31	0.56. 2	51.24. 8	228527	13
55	6690		982058	
2.40.31	0.56. 7	52.22. 5	228448	13
56	6530		981278	
2.42.28	0.56.12	53.20. 5	228369	13
57	6370		980490	
2.44.21	0.56.18	54.18. 8	228289	13
58	6200		979693	
2.46.11	0.56.23	55.16.14	228207	13
59	6030		978888	
2.47.58	0.56.29	56.14.23	228125	13
60	5860		978073	
2.49.42	0.56.35	57.12.35	228041	

Tabula Æquationum SATVRNI.

Anomalia Eccentri. *Cum æquatio nis parte phys*	Intercolumnium, *Cum Logarithmo.*	Anomalia coæquata. *Cum differentiis.*	Intervallũ *Cum Logarithmo*	
60 2.49.42	5800 0.56.35	57.12.35	978073 228041	14
61 2.51.24	5720 0.56.40	58.10.51	977251 227957	14
62 2.53. 2	5560 0.56.46	59. 9.10	976420 227872	14
63 2.54.37	5400 0.56.51	60. 7.33	975582 227786	14
64 2.56. 9	5230 0.56.57	61. 5.59	974736 227700	14
65 2.57.37	5060 0.57. 3	62. 4.28	973883 227612	14
66 2.59. 2	4890 0.57. 9	63. 3. 0	973023 227524	15
67 3. 0.23	4720 0.57.16	64. 1.34	972157 227435	15
68 3. 1.41	4500 0.57.22	65. 0.10	971284 227345	15
69 3. 2.56	4330 0.57.28	65.58.50	970405 227254	15
70 3. 4. 9	4150 0.57.34	66.57.33	969520 227163	15
71 3. 5.18	3970 0.57.41	67.56.19	968629 227071	15
72 3. 6.23	3790 0.57.47	68.55. 9	967733 226978	15
73 3. 7.24	3610 0.57.54	69.54. 3	966831 226885	16
74 3. 8.22	3440 0.58. 0	70.53. 0	965925 226791	16
75 3. 9.17	3270 0.58. 7	71.52. 0	965014 226697	16
76 3.10. 9	3100 0.58.13	72.51. 4	964099 226602	16
77 3.10.56	2920 0.58.20	73.50.11	963180 226506	16
78 3.11.40	2750 0.58.26	74.49.21	962258 226411	16
79 3.12.20	2570 0.58.33	75.48.35	961332 226315	16
80 3.12.57	2380 0.58.39	76.47.53	960403 226218	16
81 3.13.31	2180 0.58.46	77.47.14	959470 226121	16
82 3.14. 1	1970 0.58.53	78.46.39	958535 226024	16
83 3.14.27	1760 0.58.59	79.46. 6	957598 225926	16
84 3.14.51	1550 0.59. 6	80.45.36	956659 225828	16
85 3.15.12	1330 9.59.13	81.45. 9½	955718 225730	16
86 3.15.29	1120 0.59.20	82.44.47	954776 225631	17
87 3.15.42	910 0.59.27	83.44.28	953833 225531	17
88 3.15.50	700 0.59.34	84.44.13	952889 225432	17
89 3.15.55	450 0.59.41	85.44. 2	951945 225333	17
90 3.15.57	220 0.59.48	86.43.56	951000 225234	17

Anomalia Eccentri. *Cum æquatio nis parte phys*	Intercolumnium, *Cum Logarithmo.*	Anomalia coæquata. *Cum differentiis.*	Intervallũ *Cum Logarithmo*	
90 3.15.57	220 0.59.48	86.43.56	951000 225234	17
91 3.15.55	*Add.* 120 0.59.55	87.43.53	950055 225135	17
92 3.15.50	*Subt.* 70 1. 0. 2	88.43.53	949110 225035	17
93 3.15.42	270 1. 0. 9	89.43.56	948166 224936	17
94 3.15.29	460 1. 0.16	90.44. 2	947223 224836	17
95 3.15.12	660 1. 0.24	91.44.12	946281 224737	17
96 3.14.51	850 1. 0.31	92.44.26	945341 224638	17
97 3.14.27	1050 1. 0.38	93.44.43	944402 224538	17
98 3.14. 1	1240 1. 0.45	94.45. 4	943465 224439	17
99 3.13.31	1440 1. 0.52	95.45.28	942530 224340	17
100 3.12.57	1640 1. 0.59	96.45.56	941597 224241	17
101 3.12.20	1840 1. 1. 7	97.46.28	940668 224142	17
102 3.11.40	2040 1. 1.14	98.47. 4	939742 224044	17
103 3.10.56	2240 1. 1.22	99.47.43	938820 223946	17
104 3.10. 9	2440 1. 1.29	100.48.26	937901 223848	17
105 3. 9.17	2640 1. 1.37	101.49.12	936986 223750	16
106 3. 8.22	2840 1. 1.44	102.50. 2	936075 223653	16
107 3. 7.24	3040 1. 1.51	103.50.56	935168 223556	16
108 3. 6.23	3240 1. 2.59	104.51.53	934267 223459	16
109 3. 5.18	3450 1. 2. 6	105.52.54	933371 223363	16
110 3. 4. 9	3650 1. 2.13	106.53.58	932481 223268	16
111 3. 2.56	3840 1. 2.20	107.55. 6	931595 223173	16
112 3. 1.41	4040 1. 2.28	108.56.18	930716 223079	16
113 3. 0.23	4230 1. 2.35	109.57.32	929843 222985	16
114 2.59. 2	4430 1. 2.43	110.58.51	928976 222891	16
115 2.57.37	4620 1. 2.50	112. 0.13	928116 222798	16
116 2.56. 9	4810 1. 2.57	113. 1.38	927264 222706	16
117 2.54.37	5000 1. 3. 4	114. 3. 6	926418 222614	16
118 2.53. 2	5190 1. 3.12	115. 4.37	925580 222523	15
119 2.51.24	5380 1. 3.19	116. 6.11	924749 222434	15
120 2.49.42	5570 1. 3.26	117. 7.48	923927 222346	

Tabula Æquationum SATVRNI.

Anomalia Eccentri, *Cum æquatio nis parte phys*	Inter-colu-mnium, *Cum Log-arithmo.*	Anomalia coæquata.	Intervallū *Cum Loga-rithmo*	
120 2.49.42	5570 I. 3.26	117. 7.48	923927 222346	15
121 2.47.58	5750 I. 3.33	118. 9.29	923113 222258	15
122 2.46.11	5930 I. 3.40	119.11.13	922307 222171	15
123 2.44.21	6100 I. 3.47	120.13. 0	921510 222084	15
124 2.42.28	6270 I. 3.53	121.14.50	920722 221998	15
125 2.40.31	6440 I. 4. 0	122.16.43	919942 221913	15
126 2.38.31	6600 I. 4. 6	123.18.40	919173 221830	14
127 2.36.28	6760 I. 4.12	124.20.40	918414 221748	14
128 2.34.22	6910 I. 4.17	125.22.44	917664 221667	14
129 2.32.14	7060 I. 4.23	126.24.51	916924 221586	14
130 2.30. 4	7210 I. 4.29	127.27. 0	916195 221506	14
131 2.27.52	7370 I. 4.36	128.29.12	915476 221427	13
132 2.25.36	7520 I. 4.42	129.31.26	914769 221349	13
133 2.23.17	7680 I. 4.48	130.33.43	914072 221273	13
134 2.20.57	7830 I. 4.53	131.36. 3	913386 221098	13
135 2.18.33	7990 I. 5. 0	132.38.26	912712 221025	12
136 2.16. 7	8140 I. 5. 5	133.40.52	912049 221053	12
137 2.13.39	8280 I. 5.11	134.43.21	911400 220981	12
138 2.11. 8	8430 I. 5.17	135.45.53	910761 220911	12
139 2. 8.34	8580 I. 5.23	136.48.28	910135 220842	11
140 2. 5.58	8720 I. 5.29	137.51. 5	909521 220774	11
141 2. 3.19	8860 I. 5.34	138.53.45	908920 220708	11
142 2. 0.38	9000 I. 5.40	139.56.28	908332 220643	11
143 1.57.55	9130 I. 5.45	140.59.13	907756 220580	11
144 1.55.10	9260 I. 5.50	142. 2. 0	907194 220518	11
145 1.52.24	9380 I. 5.55	143. 4.50	906645 220458	10
146 1.49.35	9500 I. 5.59	144. 7.42	906110 220399	10
147 1.46.44	9620 I. 6. 4	145.10.36	905588 220341	10
148 1.43.51	9740 I. 6. 9	146.13.32	905081 220285	10
149 1.40.56	9850 I. 6.13	147.16.30	904587 220231	10
150 1.37.59	9960 I. 6.17	148.19.30	904107 220178	9

Anomalia Eccentri, *Cum æquatio nis parte phys*	Inter-colu-mnium, *Cum Log-arithmo.*	Anomalia coæquata.	Intervallū *Cum Loga-rithmo*	
150 1.37.59	9960 I. 6.17	148.19.30	904107 220178	9
151 1.35. 0	10060 I. 6.21	149.22.33	903642 220127	9
152 1.31.59	10160 I. 6.25	150.25.38	903191 220077	9
153 1.28.56	10250 I. 6.29	151.28.45	902755 220028	9
154 1.25.52	10340 I. 6.32	152.31.53	902333 219981	8
155 1.22.46	10420 I. 6.35	153.35. 3	901927 219936	8
156 1.19.39	10500 I. 6.39	154.38.14	901535 219893	7
157 1.16.31	10580 I. 6.42	155.41.26	901158 219851	7
158 1.13.22	10650 I. 6.46	156.44.40	900796 219811	7
159 1.10.12	10730 I. 6.49	157.47.55	900449 219772	7
160 1. 7. 0	10800 I. 6.52	158.51.11	900119 219735	6
161 1. 3.47	10880 I. 6.54	159.54.28	899804 219700	6
162 1. 0.32	10950 I. 6.57	160.57.46	899504 219667	6
163 0.57.16	11030 I. 7. 0	162. 1. 6	899219 219635	6
164 0.54. 0	11100 I. 7. 4	163. 4.27	898951 219605	5
165 0.50.43	11170 I. 7. 7	164. 7.49	898698 219577	5
166 0.47.24	11240 I. 7. 9	165.11.12	898462 219551	5
167 0.44. 5	11300 I. 7.12	166.14.37	898241 219527	4
168 0.40.45	11360 I. 7.14	167.18. 3	898036 219504	4
169 0.37.24	11420 I. 7.16	168.21.30	897848 219485	4
170 0.34. 2	11470 I. 7.18	169.24.58	897676 219464	4
171 0.30.40	11510 I. 7.20	170.28.26	897520 219447	3
172 0.27.17	11540 I. 7.22	171.31.55	897380 219432	3
173 0.23.54	11560 I. 7.23	172.35.24	897256 219418	2
174 0.20.29	11570 I. 7.23	173.38.54	897150 219405	2
175 0.17. 4	11570 I. 7.23	174.42.24	897059 219395	2
176 0.13.39	11580 I. 7.24	175.45.55	896985 219387	1
177 0.10.14	11580 I. 7.24	176.49.25	896927 219381	1
178 0. 6.49	11580 I. 7.24	177.52.56	896886 219376	1
179 0. 3.25	11580 I. 7.24	178.56.28	896861 219373	1
180 0. 0. 0	11580 I. 7.24	180. 0. 0	896855 219373	0

TABVLA Latitudinaria SATVRNI.

Argum Latit.	Inclinatio. ° ′ ″	Mesologarithmus.	Reductio.	Curtatio.	Argum Latit.	Inclinatio. ° ′ ″	Mesologarithmus.	Reductio.	Curtatio.
0	0. 0. 0	*Infinitum.*	0. 0	0	45	1.47.27	346510	1.41	49
1	0. 2.39	716840	0. 4	0	46	1.49.18	344810	1.41	51
2	0. 5.18	647490	0. 8	0	47	1.51. 7	343160	1.40	52
3	0. 7.57	606940	0.11	1	48	1.52.54	341560	1.40	54
4	0.10.36	578200	0.15	1	49	1.54.39	340010	1.39	56
5	0.13.14	555980	0.18	1	50	1.56.22	338550	1.39	57
6	0.15.52	537830	0.22	2	51	1.58. 3	337110	1.38	59
7	0.18.30	522480	0.25	2	52	1.59.42	335720	1.38	61
8	0.21. 7	509250	0.28	2	53	2. 1.19	334370	1.37	62
9	0.23.44	497570	0.32	3	54	2. 2.54	333070	1.36	64
10	0.26.20	487170	0.35	3	55	2. 4.27	331810	1.35	65
11	0.28.55	477820	0.38	4	56	2. 5.58	330610	1.34	67
12	0.31.30	469260	0.42	4	57	2. 7.27	329450	1.32	69
13	0.34. 5	461370	0.45	5	58	2. 8.53	328330	1.30	70
14	0.36.39	454110	0.48	6	59	2.10.17	327240	1.29	72
15	0.39.13	447340	0.51	7	60	2.11.39	326180	1.27	74
16	0.41.46	441040	0.54	8	61	2.12.58	325180	1.25	75
17	0.44.19	435110	0.57	9	62	2.14.15	324230	1.23	77
18	0.46.51	429560	1. 0	10	63	2.15.29	323310	1.21	78
19	0.49.22	424320	1. 3	11	64	2.16.40	322440	1.19	79
20	0.51.52	419390	1. 5	12	65	2.17.48	321610	1.17	81
21	0.54.22	414670	1. 8	13	66	2.18.53	320830	1.15	82
22	0.56.51	410210	1.11	14	67	2.19.56	320080	1.13	83
23	0.59.19	405960	1.13	15	68	2.20.57	319350	1.11	85
24	1. 1.45	401940	1.15	16	69	2.21.55	318670	1. 8	86
25	1. 4.11	398070	1.17	17	70	2.22.50	318020	1. 5	87
26	1. 6.35	394400	1.19	19	71	2.23.43	317410	1. 3	88
27	1. 8.58	390880	1.21	20	72	2.24.33	316830	1. 0	89
28	1.11.20	387500	1.23	21	73	2.25.20	316290	0.57	90
29	1.13.41	384260	1.25	23	74	2.26. 5	315790	0.54	91
30	1.16. 0	381170	1.27	25	75	2.26.47	315310	0.51	92
31	1.18.18	378180	1.29	26	76	2.27.27	314860	0.48	93
32	1.20.35	375310	1.30	28	77	2.28. 4	314430	0.45	93
33	1.22.50	372550	1.32	29	78	2.28.39	314050	0.42	94
34	1.25. 3	369910	1.34	31	79	2.29.11	313690	0.38	95
35	1.27.14	367370	1.35	32	80	2.29.41	313340	0.35	95
36	1.29.23	364940	1.36	34	81	2.30. 8	313050	0.32	96
37	1.31.30	362600	1.37	36	82	2.30.32	312770	0.28	96
38	1.33.36	360330	1.38	37	83	2.30.53	312540	0.25	97
39	1.35.40	358140	1.38	39	84	2.31.11	312340	0.22	97
40	1.37.42	356040	1.39	40	85	2.31.26	312180	0.18	97
41	1.39.43	353990	1.39	42	86	2.31.39	312030	0.15	98
42	1.41.42	352020	1.40	44	87	2.31.49	311920	0.11	98
43	1.43.39	350130	1.40	46	88	2.31.56	311850	0. 8	98
44	1.45.34	348290	1.41	47	89	2.32. 0	311800	0. 4	98
45	1.47.27	346510	1.41	49	90	2.32. 0	311800	0. 0	98

Termini Stationum SATVRNI. *Vid. præcept: 104 fol 72.*

In Anomalia Eccentri.	Primæ. Anomalia Anguli Commutationis.	Secundæ. Anomalia mutationis.
0	113.48	113.57
90	115.27	114.47
180	116.53	116.50
270	114.37	115.24

Profunditas Solis ſub Horizonte in articulis Emerſionum SATVRNI matutinarum, et occultationum veſpertinarum, ſecundum PTOLEMÆVM, debet eſſe Graduum 11.

STELLÆ

IOVIS

SVPERIORVM MEDII

EPOCHÆ SEV RADICES.

Añi cõpleti.	Motus Medii. Sig. Gr. ′ ″	Aphelii. Gr. ′ ″	Nodi Ascend. Gr. ′ ″
4000	1.17.32. 0	23.28.22 ♋	29.59.34 ♊
3000	5.20.36.23	6.34.44 ♌	0.57.51 ♋
2000	9.23.40.46	19.41. 6 ♌	1.56. 9
1000	1.26.45.10	2.47.28 ♍	2.54.26
900	7. 3. 3.36	4. 6. 6	3. 0.16
800	0. 9.22. 2	5.24.45	3. 6. 5
700	5.15.40.29	6.43.23	3.11.55
600	10.21.58.55	8. 2. 1	3.17.45
500	3.28.17.21	9.20.39	3.23.34
400	9. 4.35.48	10.39.17	3.29.24
300	2.10.54.14	11.57.56	3.35.14
200	7.17.12.40	13.16.34	3.41. 3
100	0.23.31. 7	14.35.12 ♍	3.46.53 ♋
Christi	5.29.49.33	15.53.50 ♍	3.52.43 ♋
100	11. 6. 7.59	17.12.28 ♍	3.58.32 ♋
200	4.12.26.26	18.31. 7	4. 4.22
300	9.18.44.52	19.49.45	4.10.12
400	2.25. 3.18	21. 8.23	4.16. 1
500	8. 1.21.45	22.27. 1	4.21.51
600	1. 7.40.11	23.45.39	4.27.41
700	6.13.58.37	25. 4.18	4.33.30
800	11.20.17. 4	26.22.56	4.39.20
900	4.26.35.30	27.41.34	4.45.10
1000	10. 2.53.56	29. 0.12 ♍	4.51. 0
1100	3. 9.12.22	0.18.50 ♎	4.56.49
1200	8.15.30.49	1.37.29	5. 2.39
1300	1.21.49.15	2.56. 7	5. 8.29
1400	6.28. 7.42	4.14.45	5.14.18
1500	0. 4.26. 8	5.33.23 6	5.20. 8 3
1600	5.10.44.35	6.52. 1 ♎	5.25.58 ♋
1700	10.17. 3. 1	8.10.40	5.31.47
1800	3.23.21.28	9.29.18	5.37.37
1900	8.29.39.54	10.47.56	5.43.27
2000	2. 5.58.19	12. 6.34	5.49.16
2100	7.12.16.45	13.25.12 ♎	5.55. 6 ♋

Ante Christum
Post Christum.

Ad Meridiem æquabilem diei primi Ianuarii Iuliani, qui annum in margine, ante Christum, inchoat; post Christum, proximè sequitur, jam finitum.

Sub Meridiano, qui transit per fretum Maris Balthici, eiusque insulam HVENNAM, et arcem VRANIBVRGVM.

Ante Christum Anno 3993. die 24. Augusti, Julii Vraniburgi H. 0. 23′. 26″.

Medius ♃	Aphelium ♃	Nodus asc. ♃
7. 3′. 21″ ♈	23.34′.18 ♋	0. 0′. 0″ ♋
Quid si 0. 0. 0	♈ 0. 0. 0	♋

MOTVS MEDII.

IOVIS ab Æquinoctio.

	In Diebus. Gr. ′ ″	In hor. ′ ″	Aphel. ♃ in Diebus. ″ ‴	Nod. ♃ ‴
1	0. 4.59	0.12	0 8	1
2	0. 9.58	0.25	0 16	1
3	0.14.58	0.37	0 24	2
4	0.19.57	0.50	0 31	2
5	0.24.56	1. 2	0 39	3
6	0.29.55	1.15	0 47	4
7	0.34.55	1.27	0 55	4
8	0.39.54	1.40	1 3	5
9	0.44.53	1.52	1 10	5
10	0.49.52	2. 5	1 18	6
11	0.54.52	2.17	1 26	6
12	0.59.51	2.30	1 34	7
13	1. 4.50	2.42	1 42	8
14	1. 9.49	2.55	1 49	8
15	1.14.49	3. 7	1 57	9
16	1.19.48	3.20	2 5	9
17	1.24.47	3.32	2 13	10
18	1.29.46	3.44	2 21	11
19	1.34.46	3.57	2 28	11
20	1.39.45	4. 9	2 36	12
21	1.44.44	4.22	2 44	12
22	1.49.43	4.34	2 52	13
23	1.54.43	4.47	3 0	13
24	1.59.42	4.59	3 7	14
25	2. 4.41	5.12	3 15	15
26	2. 9.40	5.24	3 23	15
27	2.14.40	5.37	3 31	16
28	2.19.39	5.49	3 39	16
29	2.24.38	6. 1	3 46	17
30	2.29.38	6.14	3 54	18
31	2.34.37½	6.26	4 1	18 5
		″ ‴ In minutis		

In Mensibus anni simplicis.

In Mensibus anni Bissextil:	Completi.	♃ ab Æquin. Sig. Gr. ′ ″	Aph. ′ ″	Nodi ′ ″
0. 2. 34. 37	Ianuarius	0. 2.34.37½	0. 4	0. 0
0. 4. 59. 16	Februarius	0. 4.54.17	0. 7	0. 0
0. 7. 33. 53	Martius	0. 7.28.54	0.11	0. 1
0. 10. 3. 31	Aprilis	0. 9.58.32	0.15	0. 1
0. 12. 38. 8	Maius	0.12.33. 9	0.19	0. 1
0. 15. 7. 46	Iunius	0.15. 2.47	0.23	0. 2
0. 17. 42. 23	Iulius	0.17.37.24	0.27	0. 2
0. 20. 17. 1	Augustus	0.20.12. 2	0.31	0. 2
0. 22. 46. 39	September	0.22.41.40	0.35	0. 3
0. 25. 21. 16	October	0.25.16.17	0.39	0. 3
0. 27. 50. 54	November	0.27.45.55	0.43	0. 3
1. 0. 25. 31	December	1. 0.20.32	0.47	0. 4

MOTVS MEDII in Annis expansis et collectis.

Anni	IOVIS ab Æquinoctio.	Aphelii ♑ ab Æquinoctio.	Nodi ♑ ab Æquinoctio.
	Sig. Gr. ′ ″	Sig. Gr. ′ ″	Sig. Gr. ′ ″
1	1. 0.20.32	0. 0. 0.47	0. 0. 0. 4
2	2. 0.41. 4	1.34	0. 7
3	3. 1. 1.37	2.22	0.11
Biſſ. 4	4. 1.27. 8	3. 9	0.14
5	5. 1.47.40	3.56	0.18
6	6. 2. 8.12	4.43	0.21
7	7. 2.28.45	5.30	0.25
B 8	8. 2.54.16	6.17	0.28
9	9. 3.14.48	7. 5	0.32
10	10. 3.35.20	7.52	0.35
11	11. 3.55.53	8.39	0.39
B 12	0. 4.21.24	9.26	0.42
13	1. 4.41.56	10.13	0.46
14	2. 5. 2.28	11. 0	0.49
15	3. 5.23. 1	11.47	0.53
B 16	4. 5.48.32	12.35	0.56
17	5. 6. 9. 4	13.22	1. 0
18	6. 6.29.36	14. 9	1. 3
19	7. 6.50. 9	14.56	1. 7
B 20	8. 7.15.41	15.44	1.10
21	9. 7.36.13	16.31	1.14
22	10. 7.56.45	17.18	1.17
23	11. 8.17.18	18. 5	1.21
B 24	0. 8.42.49	18.52	1.24
25	1. 9. 3.21	19.39	1.28
26	2. 9.23.53	20.27	1.31
27	3. 9.44.26	21.14	1.35
B 28	4.10. 9.57	22. 1	1.38
29	5.10.30.29	22.48	1.42
30	6.10.51. 1	23.35	1.45
31	7.11.11.34	24.23	1.49
B 32	8.11.37. 6	25.10	1.52
33	9.11.57.38	25.57	1.56
34	10.12.18.10	26.44	1.59
35	11.12.38.43	27.31	2. 3
B 36	0.13. 4.14	28.19	2. 6
37	1.13.24.46	29. 6	2.10
38	2.13.45.18	29.53	2.13
39	3.14. 5.51	30.40	2.17
B 40	4.14.31.22	31.27	2.20
41	5.14.51.54	32.15	2.24
42	6.15.12.26	33. 2	2.27
43	7.15.32.59	33.49	2.31
B 44	8.15.58.30	34.36	2.34
45	9.16.19. 2	35.23	2.38
46	10.16.39.34	36.11	2.41
47	11.17. 0. 7	36.58	2.45
B 48	0.17.25.39	37.45	2.48
49	1.17.46.11	38.32	2.52
50	2.18. 6.43	39.19	2.55
51	3.18.27.16	40. 6	2.59
B 52	4.18.52.47	40.54	3. 2
53	5.19.13.19	41.41	3. 6
54	6.19.33.51	42.28	3. 9
55	7.19.54.24	43.15	3.13
B 56	8.20.19.55	44. 2	3.16
57	9.20.40.27	44.50	3.20
58	10.21. 0.59	45.37	3.23
59	11.21.21.32	46.24	3.27
B 60	0.21.47. 4	0. 0.47.11	0. 0. 3.30

Anni	IOVIS ab Æquinoctio.	Aphelii ♑ ab Æquinoctio.	Nodi ♑ ab Æquinoctio.
	Sig. Gr. ′ ″	Sig. Gr. ′ ″	Sig. Gr. ′ ″
61	1.22. 7.36	0. 0.47.58	0. 0. 3.34
62	2.22.28. 8	48.46	3.37
63	3.22.48.41	49.33	3.41
B 64	4.23.14.12	50.20	3.44
65	5.23.34.44	51. 7	3.48
66	6.23.55.16	51.54	3.51
67	7.24.15.49	52.41	3.55
B 68	8.24.41.29	53.29	3.58
69	9.25. 1.52	54.16	4. 2
70	10.25.22.24	55. 3	4. 5
71	11.25.42.57	55.50	4. 9
B 72	0.26. 8.29	56.37	4.12
73	1.26.29. 1	57.24	4.16
74	2.26.49.33	58.12	4.19
75	3.27.10. 6	58.59	4.23
B 76	4.27.35.37	0.59.46	4.26
77	5.27.56. 9	0. 1. 0.33	4.30
78	6.28.10.41	1.20	4.33
79	7.28.37.14	2. 7	4.37
B 80	8.29. 2.45	2.54	4.40
81	9.29.23.17	3.42	4.44
82	10.29.43.49	4.29	4.47
83	0. 0. 4.22	5.16	4.51
B 84	1. 0.29.53	6. 3	4.54
85	2. 0.50.25	6.50	4.58
86	3. 1.10.57	7.38	5. 1
87	4. 1.31.30	8.25	5. 5
B 88	5. 1.57. 2	9.12	5. 8
89	6. 2.17.34	9.59	5.12
90	7. 2.38. 6	10.46	5.15
91	8. 2.58.39	11.33	5.19
B 92	9. 3.24.10	12.21	5.22
93	10. 3.44.42	13. 8	5.26
94	11. 4. 5.14	13.55	5.29
95	0. 4.25.47	14.42	5.33
B 96	1. 4.51.18	15.29	5.36
97	2. 5.11.50	16.17	5.40
98	3. 5.32.22	17. 4	5.43
99	4. 5.52.55	17.51	5.47
B 100	5. 6.18.26	0. 1.18.38	0. 0. 5.50
200	10.12.36.53	0. 2.37.16	0. 0.11.40
300	3.18.55.19	3.55.55	17.29
400	8.25.13.45	5.14.33	23.19
500	2. 1.32.12	6.33.11	29. 9
600	7. 7.50.38	7.51.49	34.58
700	0.14. 9. 4	9.10.27	40.48
800	5.20.27.31	10.29. 6	46.38
900	10.26.45.57	11.47.44	52.27
1000	4. 3. 4.23	13. 6.22	0. 0.58.17
2000	8. 6. 8.46	0.26.12.44	0. 1.56.34
3000	0. 9.13.10	1. 9.19. 6	2.54.51
4000	4.12.17.33	1.22.25.28	3.53. 8
5000	8.15.21.56	2. 5.31.50	4.51.25
6000	0.18.26.19	2.18.38.12	5.49.42
7000	4.21.30.43	3. 1.44.34	6.47.59
8000	8.24.35. 6	3.14.50.56	7.46.16
9000	0.27.39.29	3.27.57.18	8 44.33
10000	5. 0.43.52	4.11. 3.40	9.42.50
11000	9. 3.48.16	4.24.10. 2	10.40. 7
12000	1. 6.52.39	5. 7.16.24	0.11.30.24

Tabula Æquationum IOVIS.

Anomalia Eccentri, *Cum æquationis parte physi*	Intercolumnium, *Cum Logarithmo*	Anomalia coæquata.	Intervallū *Cum Logarithmo*	
° ′ ″	Par. ′ ″	Gr. ° ′ ″		
0 0. 0. 0		0. 0. 0	545074 169575	0
1 0. 2.54	9530 0.54.33	0.57.10	545070 169574	0
2 0. 5.48	9530 0.54.34	1.54.21	545059 169572	0
3 0. 8.41	9520 0.54.33	2.51.31	545040 169569	1
4 0.11.35	9510 0.54.34	3.48.42	545013 169565	1
5 0.14.28	9490 0.54.34	4.45.53	544978 169558	1
6 0.17.21	9480 0.54.35	5.43. 5	544937 169550	1
7 0.20.14	9460 0.54.35	6.40.16	544887 169541	2
8 0.23. 6	9440 0.54.36	7.37.28	544830 169530	2
9 0.25.57	9410 0.54.37	8.34.41	544765 169518	2
10 0.28.48	9380 0.54.38	9.31.54	544693 169505	2
11 0.31.38	9350 0.54.39	10.29. 7	544613 169491	3
12 0.34.28	9320 0.54.40	11.26.21	544526 169475	3
13 0.37.17	9280 0.54.41	12.23.35	544432 169457	3
14 0.40. 5	9250 0.54.44	13.20.50	544330 169438	3
15 0.42.53	9210 0.54.43	14.18. 5	544220 169418	3
16 0.45.40	9170 0.54.45	15.15.21	544103 169397	4
17 0.48.26	9130 0.54.46	16.12.37	543979 169374	4
18 0.51.11	9100 0.54.47	17. 9.54	543847 169350	4
19 0.53.56	9060 0.54.48	18. 7.12	543708 169325	4
20 0.56.40	9020 0.54.49	19. 4.31	543562 169298	4
21 0.59.23	8980 0.54.51	20. 1.51	543409 169270	5
22 1. 2. 5	8930 0.54.52	20.59.12	543249 169240	5
23 1. 4.46	8880 0.54.54	21.56.34	543082 169209	5
24 1. 7.26	8820 0.54.56	22.53.57	542908 169177	5
25 1.10. 4	8760 0.54.58	23.51.22	542726 169144	6
26 1.12.41	8690 0.55. 0	24.48.48	542538 169109	6
27 1.15.16	8620 0.55. 3	25.46.16	542343 169073	6
28 1.17.50	8540 0.55. 5	26.43.45	542141 169036	6
29 1.20.23	8460 0.55. 8	27.41.15	541932 168997	6
30 1.22.53	8370 0.55.11	28.38.47	541716 168958	7

Anomalia Eccentri, *Cum æquationis parte physi*	Intercolumnium, *Cum Logarithmo*	Anomalia coæquata.	Intervallū *Cum Logarithmo*	
30 1.22.53	8370 0.55.11	28.38.47	541716 168958	7
31 1.25.23	8290 0.55.14	29.36.20	541494 168917	7
32 1.27.51	8210 0.55.16	30.33.54	541265 168874	7
33 1.30.18	8120 0.55.19	31.31.30	541030 168831	7
34 1.32.43	8040 0.55.22	32.29. 7	540788 168786	7
35 1.35. 6	7950 0.55.25	33.26.46	540540 168740	8
36 1.37.27	7860 0.55.28	34.24.26	540286 168693	8
37 1.39.46	7760 0.55.31	35.22. 8	540026 168645	8
38 1.42. 4	7660 0.55.34	36.19.51	539760 168596	8
39 1.44.20	7560 0.55.38	37.17.36	539488 168545	8
40 1.46.33	7470 0.55.41	38.15.23	539209 168493	8
41 1.48.44	7370 0.55.44	39.13.11	538925 168441	9
42 1.50.54	7270 0.55.48	40.11. 1	538635 168387	9
43 1.53. 2	7160 0.55.51	41. 8.53	538339 168332	9
44 1.55. 7	7050 0.55.55	42. 6.57	538038 168276	9
45 1.57.11	6930 0.55.59	43. 4.43	537731 168219	9
46 1.59.12	6820 0.56. 3	44. 2.41	537419 168161	10
47 2. 1.11	6700 0.56. 7	45. 0.41	537101 168102	10
48 2. 3. 8	6580 0.56.11	45.58.43	536779 168042	10
49 2. 5. 3	6450 0.56.15	46.56.47	536451 167981	10
50 2. 6.56	6320 0.56.19	47.54.53	536118 167919	10
51 2. 8.47	6190 0.56.24	48.53. 2	535780 167856	10
52 2.10.36	6050 0.56.29	49.51.13	535437 167792	10
53 2.12.22	5920 0.56.34	50.49.26	535090 167727	11
54 2.14. 5	5790 0.56.38	51.47.42	534738 167661	11
55 2.15.46	5650 0.56.42	52.46. 0	534382 167595	11
56 2.17.25	5520 0.56.46	53.44.21	534021 167527	11
57 2.19. 1	5380 0.56.51	54.42.44	533656 167458	11
58 2.20.34	5240 0.56.56	55.41.10	533287 167389	11
59 2.22. 5	5090 0.57. 1	56.39.38	532914 167319	11
60 2.23.33	4950 0.57. 6	57.38. 8	532537 167248	