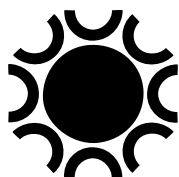


Hemelkalender 2026

ASTRONOMISCH JAARBOEK, UITGEGEVEN DOOR DE VERENIGING VOOR STERRENKUNDE



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Zon, schemering

2026	Ochtendschemering			Opkomst		Culminatie		Ondergang		Avondschemering			Diameter (')	Afstand (AE)
	Astrono- misch	Nautisch	Burgerlijk	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Burgerlijk	Nautisch	Astrono- misch		
1 januari	5:44	6:24	7:06	7:45	127	11:46	16	15:48	233	16:27	17:09	17:49	32.53	0.983327
2 januari	5:44	6:24	7:06	7:45	127	11:47	16	15:49	233	16:28	17:10	17:50	32.53	0.983312
3 januari	5:44	6:24	7:06	7:45	127	11:47	16	15:50	234	16:29	17:11	17:51	32.53	0.983304
4 januari	5:44	6:23	7:05	7:44	126	11:48	17	15:51	234	16:30	17:12	17:52	32.53	0.983302
5 januari	5:43	6:23	7:05	7:44	126	11:48	17	15:52	234	16:31	17:13	17:53	32.53	0.983307
6 januari	5:43	6:23	7:05	7:44	126	11:48	17	15:53	234	16:32	17:14	17:54	32.53	0.983319
7 januari	5:43	6:23	7:05	7:43	126	11:49	17	15:55	234	16:33	17:15	17:55	32.53	0.983337
8 januari	5:43	6:23	7:04	7:43	125	11:49	17	15:56	235	16:34	17:16	17:56	32.53	0.983361
9 januari	5:43	6:22	7:04	7:42	125	11:50	17	15:57	235	16:36	17:17	17:57	32.53	0.983391
10 januari	5:42	6:22	7:04	7:42	125	11:50	17	15:59	235	16:37	17:18	17:58	32.53	0.983426
11 januari	5:42	6:22	7:03	7:41	125	11:50	17	16:00	235	16:38	17:20	17:59	32.53	0.983467
12 januari	5:42	6:21	7:03	7:41	124	11:51	18	16:01	236	16:39	17:21	18:00	32.52	0.983513
13 januari	5:41	6:21	7:02	7:40	124	11:51	18	16:03	236	16:41	17:22	18:02	32.52	0.983563
14 januari	5:41	6:20	7:01	7:39	124	11:52	18	16:04	236	16:42	17:23	18:03	32.52	0.983618
15 januari	5:40	6:20	7:01	7:38	123	11:52	18	16:06	237	16:44	17:25	18:04	32.52	0.983677
16 januari	5:40	6:19	7:00	7:38	123	11:52	18	16:07	237	16:45	17:26	18:05	32.52	0.983740
17 januari	5:39	6:18	6:59	7:37	123	11:53	19	16:09	237	16:46	17:27	18:07	32.51	0.983807
18 januari	5:38	6:18	6:59	7:36	122	11:53	19	16:11	238	16:48	17:29	18:08	32.51	0.983878
19 januari	5:38	6:17	6:58	7:35	122	11:53	19	16:12	238	16:49	17:30	18:09	32.51	0.983952
20 januari	5:37	6:16	6:57	7:34	122	11:54	19	16:14	238	16:51	17:32	18:11	32.51	0.984031
21 januari	5:36	6:15	6:56	7:33	121	11:54	19	16:15	239	16:52	17:33	18:12	32.50	0.984112
22 januari	5:35	6:14	6:55	7:32	121	11:54	20	16:17	239	16:54	17:34	18:13	32.50	0.984198
23 januari	5:35	6:14	6:54	7:31	121	11:54	20	16:19	240	16:55	17:36	18:15	32.50	0.984287
24 januari	5:34	6:13	6:53	7:29	120	11:55	20	16:20	240	16:57	17:37	18:16	32.50	0.984380
25 januari	5:33	6:12	6:52	7:28	120	11:55	20	16:22	240	16:59	17:39	18:18	32.49	0.984477
26 januari	5:32	6:11	6:51	7:27	119	11:55	21	16:24	241	17:00	17:40	18:19	32.49	0.984579
27 januari	5:31	6:10	6:49	7:26	119	11:55	21	16:26	241	17:02	17:42	18:20	32.49	0.984685
28 januari	5:30	6:08	6:48	7:24	118	11:55	21	16:27	242	17:03	17:43	18:22	32.48	0.984796
29 januari	5:29	6:07	6:47	7:23	118	11:56	21	16:29	242	17:05	17:45	18:23	32.48	0.984912
30 januari	5:28	6:06	6:46	7:22	117	11:56	22	16:31	243	17:07	17:46	18:25	32.47	0.985034
31 januari	5:26	6:05	6:44	7:20	117	11:56	22	16:32	243	17:08	17:48	18:26	32.47	0.985161
1 februari	5:25	6:04	6:43	7:19	117	11:56	22	16:34	244	17:10	17:49	18:28	32.47	0.985295
2 februari	5:24	6:02	6:42	7:17	116	11:56	23	16:36	244	17:11	17:51	18:29	32.46	0.985434
3 februari	5:23	6:01	6:40	7:16	116	11:56	23	16:38	245	17:13	17:52	18:31	32.46	0.985579
4 februari	5:21	5:60	6:39	7:14	115	11:56	23	16:40	245	17:15	17:54	18:32	32.45	0.985730
5 februari	5:20	5:58	6:37	7:12	115	11:57	23	16:41	246	17:16	17:56	18:34	32.45	0.985887
6 februari	5:19	5:57	6:36	7:11	114	11:57	24	16:43	246	17:18	17:57	18:35	32.44	0.986049
7 februari	5:17	5:55	6:34	7:09	114	11:57	24	16:45	247	17:20	17:59	18:37	32.44	0.986216
8 februari	5:16	5:54	6:33	7:07	113	11:57	24	16:47	247	17:21	18:00	18:39	32.43	0.986387
9 februari	5:14	5:52	6:31	7:06	112	11:57	25	16:48	248	17:23	18:02	18:40	32.42	0.986564
10 februari	5:13	5:51	6:30	7:04	112	11:57	25	16:50	248	17:25	18:04	18:42	32.42	0.986744
11 februari	5:11	5:49	6:28	7:02	111	11:57	25	16:52	249	17:26	18:05	18:43	32.41	0.986928
12 februari	5:10	5:48	6:26	7:00	111	11:57	26	16:54	249	17:28	18:07	18:45	32.41	0.987116
13 februari	5:08	5:46	6:24	6:59	110	11:57	26	16:56	250	17:30	18:08	18:46	32.40	0.987307
14 februari	5:06	5:44	6:23	6:57	110	11:57	26	16:57	250	17:31	18:10	18:48	32.39	0.987502
15 februari	5:05	5:43	6:21	6:55	109	11:57	27	16:59	251	17:33	18:12	18:50	32.39	0.987699
16 februari	5:03	5:41	6:19	6:53	109	11:57	27	17:01	252	17:35	18:13	18:51	32.38	0.987899
17 februari	5:01	5:39	6:17	6:51	108	11:57	27	17:03	252	17:36	18:15	18:53	32.37	0.988101
18 februari	4:59	5:37	6:16	6:49	107	11:56	28	17:04	253	17:38	18:16	18:55	32.37	0.988305
19 februari	4:58	5:35	6:14	6:47	107	11:56	28	17:06	253	17:40	18:18	18:56	32.36	0.988511
20 februari	4:56	5:34	6:12	6:45	106	11:56	28	17:08	254	17:42	18:20	18:58	32.35	0.988720
21 februari	4:54	5:32	6:10	6:43	106	11:56	29	17:10	255	17:43	18:21	18:59	32.35	0.988930

2026	Ochtendschemering			Opkomst		Culminatie		Ondergang		Avondschemering			Diameter (') Afstand (AE)	
	Astrono- misch	Nautisch	Burgerlijk	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Burgerlijk	Nautisch	Astrono- misch		
22 februari	4:52	5:30	6:08	6:41	105	11:56	29	17:11	255	17:45	18:23	19:01	32.34	0.989143
23 februari	4:50	5:28	6:06	6:39	105	11:56	30	17:13	256	17:47	18:25	19:03	32.33	0.989358
24 februari	4:48	5:26	6:04	6:37	104	11:56	30	17:15	256	17:48	18:26	19:04	32.33	0.989576
25 februari	4:46	5:24	6:02	6:35	103	11:56	30	17:17	257	17:50	18:28	19:06	32.32	0.989797
26 februari	4:44	5:22	6:00	6:33	103	11:55	31	17:18	257	17:52	18:30	19:08	32.31	0.990021
27 februari	4:42	5:20	5:58	6:31	102	11:55	31	17:20	258	17:53	18:31	19:10	32.30	0.990248
28 februari	4:40	5:18	5:56	6:29	102	11:55	31	17:22	259	17:55	18:33	19:11	32.30	0.990480
1 maart	4:38	5:16	5:54	6:27	101	11:55	32	17:24	259	17:57	18:35	19:13	32.29	0.990715
2 maart	4:36	5:14	5:52	6:25	100	11:55	32	17:25	260	17:58	18:36	19:15	32.28	0.990954
3 maart	4:34	5:12	5:50	6:23	100	11:54	33	17:27	261	17:60	18:38	19:16	32.27	0.991197
4 maart	4:32	5:10	5:48	6:21	99	11:54	33	17:29	261	18:02	18:40	19:18	32.26	0.991444
5 maart	4:29	5:08	5:46	6:18	99	11:54	33	17:30	262	18:03	18:41	19:20	32.26	0.991695
6 maart	4:27	5:06	5:44	6:16	98	11:54	34	17:32	262	18:05	18:43	19:22	32.25	0.991949
7 maart	4:25	5:03	5:41	6:14	97	11:54	34	17:34	263	18:07	18:45	19:23	32.24	0.992207
8 maart	4:23	5:01	5:39	6:12	97	11:53	34	17:36	264	18:08	18:46	19:25	32.23	0.992469
9 maart	4:20	4:59	5:37	6:10	96	11:53	35	17:37	264	18:10	18:48	19:27	32.22	0.992733
10 maart	4:18	4:57	5:35	6:08	95	11:53	35	17:39	265	18:12	18:50	19:29	32.21	0.993000
11 maart	4:16	4:55	5:33	6:05	95	11:53	36	17:41	265	18:13	18:51	19:31	32.20	0.993269
12 maart	4:13	4:52	5:31	6:03	94	11:52	36	17:42	266	18:15	18:53	19:32	32.20	0.993541
13 maart	4:11	4:50	5:28	6:01	94	11:52	36	17:44	267	18:17	18:55	19:34	32.19	0.993814
14 maart	4:09	4:48	5:26	5:59	93	11:52	37	17:46	267	18:18	18:57	19:36	32.18	0.994088
15 maart	4:06	4:46	5:24	5:57	92	11:51	37	17:47	268	18:20	18:58	19:38	32.17	0.994364
16 maart	4:04	4:43	5:22	5:54	92	11:51	38	17:49	269	18:22	19:00	19:40	32.16	0.994640
17 maart	4:01	4:41	5:20	5:52	91	11:51	38	17:51	269	18:23	19:02	19:42	32.15	0.994917
18 maart	3:59	4:39	5:17	5:50	90	11:51	38	17:52	270	18:25	19:04	19:44	32.14	0.995194
19 maart	3:57	4:36	5:15	5:48	90	11:50	39	17:54	270	18:27	19:05	19:46	32.13	0.995471
20 maart	3:54	4:34	5:13	5:46	89	11:50	39	17:55	271	18:28	19:07	19:47	32.12	0.995747
21 maart	3:52	4:32	5:11	5:43	89	11:50	40	17:57	272	18:30	19:09	19:49	32.12	0.996024
22 maart	3:49	4:29	5:08	5:41	88	11:49	40	17:59	272	18:32	19:11	19:51	32.11	0.996300
23 maart	3:46	4:27	5:06	5:39	87	11:49	40	18:00	273	18:33	19:12	19:53	32.10	0.996576
24 maart	3:44	4:25	5:04	5:37	87	11:49	41	18:02	274	18:35	19:14	19:55	32.09	0.996852
25 maart	3:41	4:22	5:01	5:34	86	11:49	41	18:04	274	18:37	19:16	19:57	32.08	0.997128
26 maart	3:39	4:20	4:59	5:32	85	11:48	42	18:05	275	18:38	19:18	19:59	32.07	0.997405
27 maart	3:36	4:18	4:57	5:30	85	11:48	42	18:07	275	18:40	19:20	20:01	32.06	0.997683
28 maart	3:33	4:15	4:55	5:28	84	11:48	42	18:09	276	18:42	19:21	20:03	32.05	0.997961
29 maart	3:31	4:13	4:52	5:25	84	11:47	43	18:10	277	18:43	19:23	20:05	32.04	0.998241
30 maart	3:28	4:10	4:50	5:23	83	11:47	43	18:12	277	18:45	19:25	20:08	32.04	0.998522
31 maart	3:25	4:08	4:48	5:21	82	11:47	43	18:13	278	18:47	19:27	20:10	32.03	0.998805
1 april	3:23	4:05	4:45	5:19	82	11:46	44	18:15	279	18:49	19:29	20:12	32.02	0.999089
2 april	3:20	4:03	4:43	5:17	81	11:46	44	18:17	279	18:50	19:31	20:14	32.01	0.999374
3 april	3:17	4:00	4:41	5:14	81	11:46	45	18:18	280	18:52	19:33	20:16	32.00	0.999661
4 april	3:14	3:58	4:39	5:12	80	11:46	45	18:20	280	18:54	19:34	20:18	31.99	0.999950
5 april	3:12	3:56	4:36	5:10	79	11:45	45	18:22	281	18:55	19:36	20:21	31.98	1.000239
6 april	3:09	3:53	4:34	5:08	79	11:45	46	18:23	282	18:57	19:38	20:23	31.97	1.000529
7 april	3:06	3:51	4:32	5:06	78	11:45	46	18:25	282	18:59	19:40	20:25	31.96	1.000820
8 april	3:03	3:48	4:29	5:03	78	11:44	47	18:26	283	19:01	19:42	20:27	31.95	1.001111
9 april	3:00	3:46	4:27	5:01	77	11:44	47	18:28	283	19:02	19:44	20:30	31.94	1.001403
10 april	2:58	3:43	4:25	4:59	76	11:44	47	18:30	284	19:04	19:46	20:32	31.93	1.001694
11 april	2:55	3:41	4:23	4:57	76	11:44	48	18:31	285	19:06	19:48	20:34	31.92	1.001985
12 april	2:52	3:38	4:20	4:55	75	11:43	48	18:33	285	19:07	19:50	20:37	31.92	1.002274
13 april	2:49	3:36	4:18	4:53	75	11:43	48	18:35	286	19:09	19:52	20:39	31.91	1.002563
14 april	2:46	3:33	4:16	4:51	74	11:43	49	18:36	286	19:11	19:54	20:42	31.90	1.002850

2026	Ochtendschemering			Opkomst		Culminatie		Ondergang		Avondschemering			Diameter (') Afstand (AE)	
	Astrono- misch	Nautisch	Burgerlijk	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Burgerlijk	Nautisch	Astrono- misch		
15 april	2:43	3:31	4:14	4:48	73	11:43	49	18:38	287	19:13	19:56	20:44	31.89	1.003135
16 april	2:40	3:28	4:11	4:46	73	11:42	49	18:39	288	19:14	19:58	20:47	31.88	1.003418
17 april	2:37	3:26	4:09	4:44	72	11:42	50	18:41	288	19:16	19:60	20:49	31.87	1.003698
18 april	2:34	3:23	4:07	4:42	72	11:42	50	18:43	289	19:18	20:02	20:52	31.86	1.003976
19 april	2:31	3:21	4:05	4:40	71	11:42	50	18:44	289	19:20	20:04	20:55	31.85	1.004251
20 april	2:28	3:18	4:03	4:38	71	11:41	51	18:46	290	19:22	20:06	20:57	31.84	1.004523
21 april	2:25	3:16	4:00	4:36	70	11:41	51	18:48	290	19:23	20:08	20:60	31.84	1.004792
22 april	2:22	3:13	3:58	4:34	69	11:41	52	18:49	291	19:25	20:10	21:03	31.83	1.005059
23 april	2:19	3:11	3:56	4:32	69	11:41	52	18:51	291	19:27	20:12	21:05	31.82	1.005324
24 april	2:16	3:08	3:54	4:30	68	11:41	52	18:52	292	19:29	20:15	21:08	31.81	1.005586
25 april	2:12	3:06	3:52	4:28	68	11:41	52	18:54	293	19:30	20:17	21:11	31.80	1.005847
26 april	2:09	3:04	3:50	4:26	67	11:40	53	18:56	293	19:32	20:19	21:14	31.79	1.006107
27 april	2:06	3:01	3:48	4:24	67	11:40	53	18:57	294	19:34	20:21	21:17	31.79	1.006365
28 april	2:03	2:59	3:46	4:22	66	11:40	53	18:59	294	19:36	20:23	21:20	31.78	1.006622
29 april	1:60	2:56	3:43	4:20	66	11:40	54	19:00	295	19:38	20:25	21:23	31.77	1.006878
30 april	1:56	2:54	3:41	4:19	65	11:40	54	19:02	295	19:39	20:27	21:26	31.76	1.007133
1 mei	1:53	2:51	3:39	4:17	65	11:40	54	19:04	296	19:41	20:30	21:29	31.75	1.007387
2 mei	1:50	2:49	3:37	4:15	64	11:40	55	19:05	296	19:43	20:32	21:32	31.75	1.007640
3 mei	1:46	2:47	3:35	4:13	64	11:39	55	19:07	297	19:45	20:34	21:35	31.74	1.007892
4 mei	1:43	2:44	3:33	4:11	63	11:39	55	19:08	297	19:47	20:36	21:39	31.73	1.008143
5 mei	1:39	2:42	3:31	4:10	63	11:39	56	19:10	298	19:48	20:38	21:42	31.72	1.008392
6 mei	1:36	2:39	3:30	4:08	62	11:39	56	19:11	298	19:50	20:41	21:45	31.71	1.008640
7 mei	1:32	2:37	3:28	4:06	62	11:39	56	19:13	299	19:52	20:43	21:49	31.71	1.008887
8 mei	1:29	2:35	3:26	4:05	61	11:39	56	19:14	299	19:54	20:45	21:52	31.70	1.009131
9 mei	1:25	2:32	3:24	4:03	61	11:39	57	19:16	300	19:55	20:47	21:56	31.69	1.009373
10 mei	1:22	2:30	3:22	4:01	60	11:39	57	19:18	300	19:57	20:49	21:59	31.68	1.009613
11 mei	1:18	2:28	3:20	4:00	60	11:39	57	19:19	300	19:59	20:52	22:03	31.68	1.009849
12 mei	1:14	2:26	3:18	3:58	59	11:39	57	19:21	301	20:01	20:54	22:07	31.67	1.010083
13 mei	1:10	2:23	3:17	3:57	59	11:39	58	19:22	301	20:02	20:56	22:11	31.66	1.01

2026	Ochtendschemering			Opkomst		Culminatie		Ondergang		Avondschemering			Diameter (') Afstand (AE)	
	Astrono- misch	Nautisch	Burgerlijk	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Burgerlijk	Nautisch	Astrono- misch		
6 juni		1:40	2:46	3:31	51	11:41	62	19:52	309	20:37	21:43		31.53	1.014626
7 juni		1:39	2:46	3:31	51	11:41	62	19:52	309	20:38	21:45		31.52	1.014765
8 juni		1:38	2:45	3:31	51	11:42	62	19:53	309	20:39	21:46		31.52	1.014899
9 juni		1:37	2:45	3:30	51	11:42	62	19:54	309	20:39	21:47		31.51	1.015030
10 juni		1:36	2:44	3:30	50	11:42	62	19:55	310	20:40	21:48		31.51	1.015156
11 juni		1:36	2:44	3:29	50	11:42	62	19:55	310	20:41	21:50		31.51	1.015277
12 juni		1:35	2:43	3:29	50	11:42	62	19:56	310	20:42	21:51		31.50	1.015393
13 juni		1:34	2:43	3:29	50	11:43	62	19:57	310	20:43	21:52		31.50	1.015503
14 juni		1:34	2:43	3:29	50	11:43	62	19:57	310	20:43	21:52		31.50	1.015608
15 juni		1:33	2:43	3:29	50	11:43	63	19:58	310	20:44	21:53		31.49	1.015706
16 juni		1:33	2:43	3:29	50	11:43	63	19:58	310	20:44	21:54		31.49	1.015799
17 juni		1:33	2:42	3:29	50	11:44	63	19:59	310	20:45	21:55		31.49	1.015885
18 juni		1:33	2:42	3:29	50	11:44	63	19:59	310	20:45	21:55		31.49	1.015965
19 juni		1:33	2:43	3:29	50	11:44	63	19:59	310	20:45	21:55		31.48	1.016040
20 juni		1:33	2:43	3:29	50	11:44	63	19:59	310	20:46	21:56		31.48	1.016109
21 juni		1:33	2:43	3:29	50	11:44	63	20:00	310	20:46	21:56		31.48	1.016173
22 juni		1:33	2:43	3:29	50	11:45	63	20:00	310	20:46	21:56		31.48	1.016232
23 juni		1:33	2:43	3:30	50	11:45	63	20:00	310	20:46	21:56		31.48	1.016286
24 juni		1:34	2:44	3:30	50	11:45	63	20:00	310	20:46	21:56		31.47	1.016336
25 juni		1:34	2:44	3:30	50	11:45	63	20:00	310	20:46	21:56		31.47	1.016382
26 juni		1:35	2:45	3:31	50	11:45	63	20:00	310	20:46	21:56		31.47	1.016424
27 juni		1:36	2:45	3:31	50	11:46	63	20:00	310	20:46	21:55		31.47	1.016462
28 juni		1:36	2:46	3:32	50	11:46	62	20:00	310	20:46	21:55		31.47	1.016496
29 juni		1:37	2:46	3:32	50	11:46	62	20:00	310	20:45	21:54		31.47	1.016527
30 juni		1:38	2:47	3:33	50	11:46	62	19:59	310	20:45	21:53		31.47	1.016554
1 juli		1:39	2:48	3:33	50	11:46	62	19:59	310	20:45	21:53		31.47	1.016578
2 juli		1:41	2:49	3:34	50	11:47	62	19:59	309	20:44	21:52		31.47	1.016599
3 juli		1:42	2:49	3:35	51	11:47	62	19:58	309	20:44	21:51		31.47	1.016615
4 juli		1:43	2:50	3:36	51	11:47	62	19:58	309	20:43	21:50		31.46	1.016628
5 juli		1:44	2:51	3:36	51	11:47	62	19:57	309	20:43	21:49		31.46	1.016638
6 juli		1:46	2:52	3:37	51	11:47	62	19:57	309	20:42	21:48		31.46	1.016643
7 juli		1:47	2:53	3:38	51	11:48	62	19:56	309	20:41	21:47		31.46	1.016644
8 juli		1:49	2:54	3:39	51	11:48	62	19:56	308	20:40	21:45		31.46	1.016640
9 juli		1:50	2:55	3:40	52	11:48	62	19:55	308	20:40	21:44		31.46	1.016632
10 juli		1:52	2:57	3:41	52	11:48	61	19:54	308	20:39	21:43		31.47	1.016619
11 juli		1:54	2:58	3:42	52	11:48	61	19:54	308	20:38	21:41		31.47	1.016600
12 juli		1:56	2:59	3:43	52	11:48	61	19:53	307	20:37	21:40		31.47	1.016575
13 juli		1:57	3:00	3:44	53	11:48	61	19:52	307	20:36	21:38		31.47	1.016544
14 juli		1:59	3:02	3:45	53	11:48	61	19:51	307	20:34	21:36		31.47	1.016507
15 juli		2:01	3:03	3:46	53	11:49	61	19:50	307	20:33	21:35		31.47	1.016464
16 juli		2:03	3:04	3:48	54	11:49	61	19:49	306	20:32	21:33		31.47	1.016414
17 juli		2:05	3:06	3:49	54	11:49	60	19:48	306	20:31	21:31	23:28	31.47	1.016358
18 juli	0:10	2:07	3:07	3:50	54	11:49	60	19:47	306	20:30	21:29	23:18	31.48	1.016297
19 juli	0:20	2:09	3:09	3:51	54	11:49	60	19:46	305	20:28	21:27	23:10	31.48	1.016229
20 juli	0:28	2:11	3:10	3:52	55	11:49	60	19:45	305	20:27	21:25	23:04	31.48	1.016157
21 juli	0:35	2:13	3:12	3:54	55	11:49	60	19:44	305	20:25	21:23	22:58	31.48	1.016079
22 juli	0:41	2:15	3:13	3:55	56	11:49	59	19:42	304	20:24	21:21	22:53	31.48	1.015997
23 juli	0:46	2:17	3:15	3:56	56	11:49	59	19:41	304	20:23	21:19	22:47	31.49	1.015910
24 juli	0:51	2:19	3:16	3:58	56	11:49	59	19:40	303	20:21	21:17	22:43	31.49	1.015819
25 juli	0:56	2:21	3:18	3:59	57	11:49	59	19:38	303	20:19	21:15	22:38	31.49	1.015724
26 juli	1:01	2:23	3:19	4:00	57	11:49	59	19:37	303	20:18	21:13	22:34	31.50	1.015625
27 juli	1:05	2:26	3:21	4:02	57	11:49	58	19:36	302	20:16	21:11	22:29	31.50	1.015523

2026	Ochtendschemering			Opkomst		Culminatie		Ondergang		Avondschemering			Diameter (') Afstand (AE)	
	Astrono- misch	Nautisch	Burgerlijk	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Burgerlijk	Nautisch	Astrono- misch		
28 juli	1:09	2:28	3:23	4:03	58	11:49	58	19:34	302	20:14	21:09	22:25	31.50	1.015418
29 juli	1:13	2:30	3:24	4:05	58	11:49	58	19:33	301	20:13	21:07	22:21	31.51	1.015309
30 juli	1:17	2:32	3:26	4:06	59	11:49	58	19:31	301	20:11	21:04	22:17	31.51	1.015197
31 juli	1:21	2:34	3:27	4:07	59	11:49	57	19:30	301	20:09	21:02	22:14	31.51	1.015082
1 augustus	1:25	2:36	3:29	4:09	60	11:49	57	19:28	300	20:07	20:60	22:10	31.52	1.014964
2 augustus	1:29	2:38	3:31	4:10	60	11:49	57	19:26	300	20:06	20:58	22:06	31.52	1.014843
3 augustus	1:32	2:41	3:33	4:12	60	11:49	57	19:25	299	20:04	20:55	22:02	31.52	1.014718
4 augustus	1:36	2:43	3:34	4:13	61	11:49	56	19:23	299	20:02	20:53	21:59	31.53	1.014590
5 augustus	1:39	2:45	3:36	4:15	61	11:49	56	19:21	298	20:00	20:51	21:55	31.53	1.014459
6 augustus	1:42	2:47	3:38	4:16	62	11:48	56	19:20	298	19:58	20:48	21:52	31.54	1.014324
7 augustus	1:46	2:49	3:39	4:18	62	11:48	56	19:18	297	19:56	20:46	21:48	31.54	1.014184
8 augustus	1:49	2:51	3:41	4:19	63	11:48	55	19:16	297	19:54	20:43	21:45	31.55	1.014041
9 augustus	1:52	2:53	3:43	4:21	63	11:48	55	19:14	296	19:52	20:41	21:41	31.55	1.013892
10 augustus	1:55	2:56	3:44	4:22	64	11:48	55	19:13	296	19:50	20:39	21:38	31.55	1.013739
11 augustus	1:58	2:58	3:46	4:24	64	11:48	54	19:11	295	19:48	20:36	21:35	31.56	1.013580
12 augustus	2:01	2:60	3:48	4:25	65	11:48	54	19:09	295	19:46	20:34	21:31	31.56	1.013416
13 augustus	2:04	3:02	3:50	4:27	65	11:47	54	19:07	294	19:44	20:31	21:28	31.57	1.013247
14 augustus	2:07	3:04	3:51	4:28	66	11:47	53	19:05	294	19:42	20:29	21:25	31.58	1.013072
15 augustus	2:10	3:06	3:53	4:30	66	11:47	53	19:03	293	19:40	20:26	21:22	31.58	1.012892
16 augustus	2:13	3:08	3:55	4:32	67	11:47	53	19:01	293	19:38	20:24	21:18	31.59	1.012707
17 augustus	2:16	3:10	3:57	4:33	67	11:47	53	18:59	292	19:36	20:21	21:15	31.59	1.012518
18 augustus	2:19	3:12	3:58	4:35	68	11:46	52	18:57	292	19:33	20:19	21:12	31.60	1.012323
19 augustus	2:21	3:14	4:00	4:36	68	11:46	52	18:55	291	19:31	20:16	21:09	31.60	1.012125
20 augustus	2:24	3:16	4:02	4:38	69	11:46	52	18:53	291	19:29	20:14	21:06	31.61	1.011923
21 augustus	2:27	3:18	4:03	4:39	70	11:46	51	18:51	290	19:27	20:12	21:03	31.62	1.011717
22 augustus	2:29	3:20	4:05	4:41	70	11:45	51	18:49	290	19:25	20:09	20:60	31.62	1.011509
23 augustus	2:32	3:22	4:07	4:42	71	11:45	51	18:47	289	19:22	20:07	20:56	31.63	1.011297
24 augustus	2:34	3:24	4:08	4:44	71	11:45	50	18:45	288	19:20	20:04	20:53	31.64	1.011083
25 augustus	2:37	3:26	4:10	4:45	72	11:45	50	18:43	288	19:18	20:01	20:50	31.64	1.010866
26 augustus	2:39	3:28	4:12	4:47	72	11:44	50	18:41	287	19:16	19:59	20:47	31.65	1.010647
27 augustus	2:42	3:30	4:13	4:49	73	11:44	49	18:39	287	19:13	19:56	20:44	31.66	1.010426
28 augustus	2:44	3:32	4:15	4:50	73	11:44	49	18:37	286	19:11	19:54	20:41	31.67	1.010203
29 augustus	2:47	3:34	4:17	4:52	74	11:44	48	18:34	286	19:09	19:51	20:39	31.67	1.009979
30 augustus	2:49	3:36	4:19	4:53	75	11:43	48	18:32	285	19:07	19:49	20:36	31.68	1.009753
31 augustus	2:51	3:38	4:20	4:55	75	11:43	48	18:30	284	19:04	19:46	20:33	31.69	1.009526
1 september	2:54	3:40	4:22	4:56	76	11:43	47	18:28	284	19:02	19:44	20:30	31.69	1.009296
2 september	2:56	3:42	4:23	4:58	76	11:42	47	18:26	283	18:60	19:41	20:27	31.70	1.009066
3 september	2:58	3:43	4:25	4:59	77	11:42	47	18:24	283	18:58	19:39	20:24	31.71	1.008833
4 september	3:00	3:45	4:27	5:01	78	11:42	46	18:21	282	18:55	19:36	20:21	31.72	1.008598
5 september	3:02	3:47	4:28	5:02	78	11:41	46	18:19	282	18:53	19:34	20:18	31.72	1.008360
6 september	3:05	3:49	4:30	5:04	79	11:41	46	18:17	281	18:51	19:31	20:15	31.73	1.008120
7 september	3:07	3:51	4:32	5:05	79	11:41	45	18:15	280	18:48	19:29	20:13	31.74	1.007877
8 september	3:09	3:53	4:33	5:07	80	11:40	45	18:12	280	18:46	19:26	20:10	31.75	1.007630
9 september	3:11	3:54	4:35	5:09	81	11:40	44	18:10	279	18:44	19:24	20:07	31.75	1.007380
10 september	3:13	3:56	4:37	5:10	81	11:40	44	18:08	279	18:41	19:22	20:04	31.76	1.007127
11 september	3:15	3:58	4:38	5:12	82	11:39	44	18:06	278	18:39	19:19	20:02	31.77	1.006870
12 september	3:17	3:60	4:40	5:13	82	11:39	43	18:04	277	18:37	19:17	19:59	31.78	1.006609
13 september	3:19	4:02	4:41	5:15	83	11:39	43	18:01	277	18:34	19:14	19:56	31.79	1.006345
14 september	3:21	4:03	4:43	5:16	84	11:38	43	17:59	276	18:32	19:12	19:54	31.79	1.006078
15 september	3:23	4:05	4:45	5:18	84	11:38	42	17:57	275	18:30	19:09	19:51	31.80	1.005808
16 september	3:25	4:07	4:46	5:19	85	11:37	42	17:55	275	18:28	19:07	19:48	31.81	1.005535
17 september	3:27	4:08	4:48	5:21	85	11:37	41	17:52	274	18:25	19:04	19:46	31.82	1.005260

2026	Ochtendschemering			Opkomst		Culminatie		Ondergang		Avondschemering			Diameter (') Afstand (AE)	
	Astrono- misch	Nautisch	Burgerlijk	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Burgerlijk	Nautisch	Astrono- misch		
18 september	3:29	4:10	4:49	5:22	86	11:37	41	17:50	274	18:23	19:02	19:43	31.83	1.004983
19 september	3:31	4:12	4:51	5:24	87	11:36	41	17:48	273	18:21	18:60	19:40	31.84	1.004704
20 september	3:33	4:14	4:53	5:26	87	11:36	40	17:46	272	18:18	18:57	19:38	31.85	1.004424
21 september	3:35	4:15	4:54	5:27	88	11:36	40	17:43	272	18:16	18:55	19:35	31.86	1.004143
22 september	3:36	4:17	4:56	5:29	89	11:35	39	17:41	271	18:14	18:52	19:33	31.87	1.003861
23 september	3:38	4:19	4:57	5:30	89	11:35	39	17:39	271	18:11	18:50	19:30	31.87	1.003578
24 september	3:40	4:20	4:59	5:32	90	11:35	39	17:36	270	18:09	18:48	19:28	31.88	1.003295
25 september	3:42	4:22	5:01	5:33	90	11:34	38	17:34	269	18:07	18:45	19:25	31.89	1.003012
26 september	3:44	4:24	5:02	5:35	91	11:34	38	17:32	269	18:05	18:43	19:23	31.90	1.002730
27 september	3:46	4:25	5:04	5:36	92	11:34	37	17:30	268	18:02	18:41	19:20	31.91	1.002448
28 september	3:47	4:27	5:05	5:38	92	11:33	37	17:27	267	18:00	18:38	19:18	31.92	1.002166
29 september	3:49	4:28	5:07	5:40	93	11:33	37	17:25	267	17:58	18:36	19:15	31.93	1.001885
30 september	3:51	4:30	5:08	5:41	93	11:33	36	17:23	266	17:56	18:34	19:13	31.94	1.001605
1 oktober	3:53	4:32	5:10	5:43	94	11:32	36	17:21	266	17:53	18:32	19:11	31.95	1.001326
2 oktober	3:54	4:33	5:12	5:44	95	11:32	36	17:19	265	17:51	18:29	19:08	31.95	1.001047
3 oktober	3:56	4:35	5:13	5:46	95	11:32	35	17:16	264	17:49	18:27	19:06	31.96	1.000768
4 oktober	3:58	4:37	5:15	5:48	96	11:31	35	17:14	264	17:47	18:25	19:04	31.97	1.000488
5 oktober	3:59	4:38	5:16	5:49	97	11:31	34	17:12	263	17:45	18:23	19:01	31.98	1.000209
6 oktober	4:01	4:40	5:18	5:51	97	11:31	34	17:10	263	17:42	18:20	18:59	31.99	0.999929
7 oktober	4:03	4:41	5:20	5:52	98	11:30	34	17:08	262	17:40	18:18	18:57	32.00	0.999648
8 oktober	4:04	4:43	5:21	5:54	98	11:30	33	17:05	261	17:38	18:16	18:55	32.01	0.999366
9 oktober	4:06	4:45	5:23	5:56	99	11:30	33	17:03	261	17:36	18:14	18:52	32.02	0.999082
10 oktober	4:08	4:46	5:24	5:57	100	11:30	32	17:01	260	17:34	18:12	18:50	32.03	0.998798
11 oktober	4:09	4:48	5:26	5:59	100	11:29	32	16:59	260	17:32	18:10	18:48	32.04	0.998513
12 oktober	4:11	4:49	5:27	6:00	101	11:29	32	16:57	259	17:30	18:08	18:46	32.05	0.998226
13 oktober	4:13	4:51	5:29	6:02	101	11:29	31	16:55	258	17:28	18:06	18:44	32.05	0.997939
14 oktober	4:14	4:53	5:31	6:04	102	11:29	31	16:53	258	17:26	18:04	18:42	32.06	0.997651
15 oktober	4:16	4:54	5:32	6:05	103	11:28	31	16:50	257	17:24	18:02	18:40	32.07	0.997363
16 oktober	4:18	4:56	5:34	6:07	103	11:28	30	16:48	257	17:22	17:60	18:38	32.08	0.997075
17 oktober	4:19	4:57	5:35	6:09	104	11:28	30	16:46	256	17:20	17:58	18:36	32.09	0.996787
18 oktober	4:21	4:59	5:37	6:10	104	11:28	30	16:44	255	17:18	17:56	18:34	32.10	0.996499
19 oktober	4:22	5:00	5:39	6:12	105	11:28	29	16:42	255	17:16	17:54	18:32	32.11	0.996212
20 oktober	4:24	5:02	5:40	6:14	105	11:27	29	16:40	254	17:14	17:52	18:30	32.12	0.995926
21 oktober	4:26	5:04	5:42	6:15	106	11:27	28	16:38	254	17:12	17:50	18:28	32.13	0.995642
22 oktober	4:27	5:05	5:43	6:17	107	11:27	28	16:36	253	17:10	17:48	18:26	32.14	0.995359
23 oktober	4:29	5:07	5:45	6:19	107	11:27	28	16:34	253	17:08	17:46	18:24	32.15	0.995079
24 oktober	4:30	5:08	5:47	6:20	108	11:27	27	16:32	252	17:06	17:44	18:22	32.16	0.994801
25 oktober	4:32	5:10	5:48	6:22	108	11:27	27	16:30	251	17:04	17:43	18:21	32.16	0.994525
26 oktober	4:33	5:11	5:50	6:24	109	11:27	27	16:28	251	17:02	17:41	18:19	32.17	0.994253
27 oktober	4:35	5:13	5:51	6:26	109	11:26	26	16:27	250	17:01	17:39	18:17	32.18	0.993984
28 oktober	4:36	5:14	5:53	6:27	110	11:26	26	16:25	250	16:59	17:37	18:15	32.19	0.993718
29 oktober	4:38	5:16	5:55	6:29	111	11:26	26	16:23	249	16:57	17:36	18:14	32.20	0.993455
30 oktober	4:39	5:18	5:56	6:31	111	11:26	25	16:21	249	16:55	17:34	18:12	32.21	0.993195
31 oktober	4:41	5:19	5:58	6:32	112	11:26	25	16:19	248	16:54	17:32	18:11	32.22	0.992938
1 november	4:42	5:21	6:00	6:34	112	11:26	25	16:17	248	16:52	17:31	18:09	32.22	0.992684
2 november	4:44	5:22	6:01	6:36	113	11:26	24	16:16	247	16:50	17:29	18:07	32.23	0.992432
3 november	4:45	5:24	6:03	6:38	113	11:26	24	16:14	247	16:49	17:28	18:06	32.24	0.992183
4 november	4:47	5:25	6:04	6:39	114	11:26	24	16:12	246	16:47	17:26	18:04	32.25	0.991935
5 november	4:48	5:27	6:06	6:41	114	11:26	23	16:11	246	16:46	17:25	18:03	32.26	0.991689
6 november	4:50	5:28	6:08	6:43	115	11:26	23	16:09	245	16:44	17:23	18:02	32.26	0.991444
7 november	4:51	5:30	6:09	6:44	115	11:26	23	16:07	245	16:43	17:22	18:00	32.27	0.991201
8 november	4:53	5:31	6:11	6:46	116	11:26	23	16:06	244	16:41	17:21	17:59	32.28	0.990959
9 november	4:54	5:33	6:12	6:48	116	11:26	22	16:04	244	16:40	17:19	17:58	32.29	0.990719

2026	Ochtendschemering			Opkomst		Culminatie		Ondergang		Avondschemering			Diameter (') Afstand (AE)	
	Astrono- misch	Nautisch	Burgerlijk	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Burgerlijk	Nautisch	Astrono- misch		
10 november	4:56	5:34	6:14	6:50	117	11:26	22	16:03	243	16:38	17:18	17:56	32.30	0.990480
11 november	4:57	5:36	6:15	6:51	117	11:27	22	16:01	243	16:37	17:17	17:55	32.30	0.990243
12 november	4:59	5:37	6:17	6:53	118	11:27	21	16:00	242	16:36	17:16	17:54	32.31	0.990007
13 november	5:00	5:39	6:19	6:55	118	11:27	21	15:59	242	16:35	17:14	17:53	32.32	0.989773
14 november	5:01	5:40	6:20	6:56	119	11:27	21	15:57	241	16:33	17:13	17:52	32.33	0.989542
15 november	5:03	5:42	6:22	6:58	119	11:27	21	15:56	241	16:32	17:12	17:51	32.33	0.989312
16 november	5:04	5:43	6:23	7:00	119	11:27	20	15:55	240	16:31	17:11	17:50	32.34	0.989086
17 november	5:06	5:44	6:25	7:01	120	11:28	20	15:53	240	16:30	17:10	17:49	32.35	0.988862
18 november	5:07	5:46	6:26	7:03	120	11:28	20	15:52	240	16:29	17:09	17:48	32.36	0.988641
19 november	5:08	5:47	6:28	7:05	121	11:28	20	15:51	239	16:28	17:08	17:47	32.36	0.988424
20 november	5:10	5:49	6:29	7:06	121	11:28	19	15:50	239	16:27	17:07	17:46	32.37	0.988211
21 november	5:11	5:50	6:31	7:08	121	11:28	19	15:49	238	16:26	17:06	17:45	32.38	0.988002
22 november	5:12	5:51	6:32	7:09	122	11:29	19	15:48	238	16:25	17:05	17:45	32.38	0.987797
23 november	5:14	5:53	6:34	7:11	122	11:29	19	15:47	238	16:24	17:05	17:44	32.39	0.987597
24 november	5:15	5:54	6:35	7:12	123	11:29	19	15:46	237	16:23	17:04	17:43	32.40	0.987403
25 november	5:16	5:55	6:36	7:14	123	11:30	18	15:45	237	16:22	17:03	17:43	32.40	0.987213
26 november	5:17	5:57	6:38	7:15	123	11:30	18	15:44	237	16:21	17:03	17:42	32.41	0.987030
27 november	5:19	5:58	6:39	7:17	124	11:30	18	15:43	236	16:21	17:02	17:41	32.41	0.986851
28 november	5:20	5:59	6:40	7:18	124	11:31	18	15:42	236	16:20	17:01	17:41	32.42	0.986678
29 november	5:21	6:00	6:42	7:20	124	11:31	18	15:42	236	16:20	17:01	17:40	32.43	0.986510
30 november	5:22	6:02	6:43	7:21	124	11:31	18	15:41	235	16:19	17:00	17:40	32.43	0.986346
1 december	5:23	6:03	6:44	7:23	125	11:32	17	15:40	235	16:18	16:60	17:40	32.44	0.986187
2 december	5:24	6:04	6:46	7:24	125	11:32	17	15:40	235	16:18	16:60	17:39	32.44	0.986033
3 december	5:25	6:05	6:47	7:25	125	11:32	17	15:39	235	16:18	16:59	17:39	32.45	0.985882
4 december	5:26	6:06	6:48	7:27	126	11:33	17	15:39	234	16:17	16:59	17:39	32.45	0.985735
5 december	5:28	6:07	6:49	7:28	126	11:33	17	15:38	234	16:17	16:59	17:38	32.46	0.985592
6 december	5:29	6:08	6:50	7:29	126	11:34	17	15:38	234	16:17	16:58	17:38	32.46	0.985452
7 december	5:30	6:09	6:51	7:30	126	11:34	17	15:38	234	16:16	16:58	17:38	32.46	0.985316
8 december	5:30	6:10	6:52	7:31	126	11:34	17	15:37	234	16:16	16:58	17:38	32.47	0.985182
9 december	5:31	6:11	6:53	7:32	127	11:35	16	15:37	233	16:16	16:58	17:38	32.47	0.985053
10 december	5:32	6:12	6:54	7:34	127	11:35	16	15:37	233	16:16	16:58	17:38	32.48	0.984926
11 december	5:33	6:13	6:55	7:35	127	11:36	16	15:37	233	16:16	16:58	17:38	32.48	0.984803
12 december	5:34	6:14	6:56	7:36	127	11:36	16	15:37	233	16:16	16:58	17:38	32.49	0.984683
13 december	5:35	6:15	6:57	7:36	127	11:37	16	15:37	233	16:16	16:58	17:38	32.49	0.984567
14 december	5:36	6:16	6:58	7:37	127	11:37	16	15:37	233	16:16	16:59	17:39	32.49	0.984455
15 december	5:36	6:17	6:59	7:38	127	11:38	16	15:37	233	16:16	16:59	17:39	32.50	0.984346
16 december	5:37	6:17	7:00	7:39	127	11:38	16	15:37	233	16:17	16:59	17:39	32.50	0.984242
17 december	5:38	6:18	7:00	7:40	128	11:39	16	15:38	232	16:17	16:59	17:39	32.50	0.984143
18 december	5:38	6:19	7:01	7:40	128	11:39	16	15:38	232	16:17	16:60	17:40	32.51	0.984048
19 december	5:39	6:19	7:02	7:41	128	11:40	16	15:38	232	16:18	16:60	17:40	32.51	0.983958
20 december	5:40	6:20	7:02	7:42	128	11:40	16	15:39	232	16:18	17:00	17:41	32.51	0.983873
21 december	5:40	6:20	7:03	7:42	128	11:41	16	15:39	232	16:18	17:01	17:41	32.52	0.983795
22 december	5:41	6:21	7:03	7:43	128	11:41	16	15:40	232	16:19	17:01	17:42	32.52	0.983722
23 december	5:41	6:21	7:04	7:43	128	11:42	16	15:40	232	16:20	17:02	17:42	32.52	0.983656
24 december	5:42	6:22	7:04	7:44	128	11:42	16	15:41	232	16:20	17:03	17:43	32.52	0.983596
25 december	5:42	6:22	7:05	7:44	128	11:43	16	15:41	232	16:21	17:03	17:43	32.52	0.983543
26 december	5:42	6:22	7:05	7:44	128	11:43	16	15:42	232	16:21	17:04	17:44	32.52	0.983496
27 december	5:43	6:23	7:05	7:44	127	11:44	16	15:43	233	16:22	17:05	17:45	32.53	0.983456
28 december	5:43	6:23	7:05	7:45	127	11:44	16	15:44	233	16:23	17:05	17:45	32.53	0.983423
29 december	5:43	6:23	7:05	7:45	127	11:45	16	15:45	233	16:24	17:06	17:46	32.53	0.983395
30 december	5:43	6:23	7:06	7:45	127	11:45	16	15:45	233	16:25	17:07	17:47	32.53	0.983372
31 december	5:43	6:23	7:06	7:45	127	11:46	16	15:46	233	16:26	17:08	17:48	32.53	0.983355

Maan

2026	UT	Verschijsnel	Afstand (km)
1 januari	21:44	Perigeum	360348
3 januari	10:03	Volle Maan	362312
7 januari	11:22	Dalende knoop	
10 januari	15:48	Laatste Kwartier	399241
13 januari	20:47	Apogeum	405438
18 januari	19:52	Nieuwe Maan	395417
22 januari	00:03	Klimmende knoop	
26 januari	04:47	Eerste Kwartier	371872
29 januari	21:46	Perigeum	365871
1 februari	22:09	Volle Maan	371387
3 februari	19:18	Dalende knoop	
9 februari	12:43	Laatste Kwartier	403674
10 februari	16:52	Apogeum	404576
17 februari	12:01	Nieuwe Maan	384492
18 februari	06:19	Klimmende knoop	
24 februari	12:28	Eerste Kwartier	370182
24 februari	23:14	Perigeum	370135
3 maart	11:38	Volle Maan	382613
3 maart	04:35	Dalende knoop	
10 maart	13:43	Apogeum	404384
11 maart	09:38	Laatste Kwartier	403933
17 maart	15:22	Klimmende knoop	
19 maart	01:23	Nieuwe Maan	373320
22 maart	11:40	Perigeum	366857
25 maart	19:18	Eerste Kwartier	371255
30 maart	11:34	Dalende knoop	
2 april	02:12	Volle Maan	393595
7 april	08:31	Apogeum	404970
10 april	04:52	Laatste Kwartier	400084
13 april	23:43	Klimmende knoop	
17 april	11:52	Nieuwe Maan	364189
19 april	06:56	Perigeum	361630
24 april	02:32	Eerste Kwartier	374987
26 april	14:36	Dalende knoop	
1 mei	17:23	Volle Maan	402000
4 mei	22:30	Apogeum	405839
9 mei	21:10	Laatste Kwartier	393381
11 mei	04:36	Klimmende knoop	
16 mei	20:01	Nieuwe Maan	358591
17 mei	13:44	Perigeum	358075
23 mei	11:11	Eerste Kwartier	381006
23 mei	15:26	Dalende knoop	
31 mei	08:45	Volle Maan	406135
1 juni	04:33	Apogeum	406366
7 juni	06:19	Klimmende knoop	
8 juni	10:00	Laatste Kwartier	385656
14 juni	23:20	Perigeum	357197
15 juni	02:54	Nieuwe Maan	357218
19 juni	17:57	Dalende knoop	
21 juni	21:55	Eerste Kwartier	388418
28 juni	07:11	Apogeum	406265
29 juni	23:57	Volle Maan	405254

2026	UT	Verschijsnel	Afstand (km)
4 juli	07:51	Klimmende knoop	
7 juli	19:29	Laatste Kwartier	378605
13 juli	07:57	Perigeum	359112
14 juli	09:44	Nieuwe Maan	360150
17 juli	00:27	Dalende knoop	
21 juli	11:06	Eerste Kwartier	395820
25 juli	16:45	Apogeum	405548
29 juli	14:36	Volle Maan	399617
31 juli	11:54	Klimmende knoop	
6 augustus	02:21	Laatste Kwartier	373347
10 augustus	11:18	Perigeum	363284
12 augustus	17:37	Nieuwe Maan	366954
13 augustus	09:56	Dalende knoop	
20 augustus	02:46	Eerste Kwartier	401570
22 augustus	08:21	Apogeum	404642
27 augustus	18:47	Klimmende knoop	
28 augustus	04:18	Volle Maan	390397
4 september	07:51	Laatste Kwartier	370439
6 september	20:43	Perigeum	368259
9 september	19:17	Dalende knoop	
11 september	03:27	Nieuwe Maan	376650
18 september	20:44	Eerste Kwartier	404176
19 september	03:00	Apogeum	404221
24 september	02:40	Klimmende knoop	
26 september	16:49	Volle Maan	379435
1 oktober	20:52	Perigeum	369334
3 oktober	13:25	Laatste Kwartier	370143
7 oktober	01:19	Dalende knoop	
10 oktober	15:50	Nieuwe Maan	387640
16 oktober	22:56	Apogeum	404643
18 oktober	16:13	Eerste Kwartier	402751
21 oktober	08:53	Klimmende knoop	
26 oktober	04:12	Volle Maan	368872
28 oktober	18:06	Perigeum	364407
1 november	20:28	Laatste Kwartier	372614
3 november	03:02	Dalende knoop	
9 november	07:02	Nieuwe Maan	397771
13 november	17:50	Apogeum	405619
17 november	11:48	Eerste Kwartier	397518
17 november	11:49	Klimmende knoop	
24 november	14:53	Volle Maan	360765
25 november	21:01	Perigeum	359347
30 november	03:34	Dalende knoop	
1 december	06:09	Laatste Kwartier	377770
9 december	00:52	Nieuwe Maan	404688
11 december	06:45	Apogeum	406419
14 december	13:04	Klimmende knoop	
17 december	05:43	Eerste Kwartier	389970
24 december	01:28	Volle Maan	356738
24 december	08:31	Perigeum	356650
27 december	07:55	Dalende knoop	
30 december	18:59	Laatste Kwartier	384974

2026	Opkomst		Culminatie		Ondergang		Fase Diameter (') Afstand (km)			Libratie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				l (°)	b (°)
1 januari	13:12	43	22:14	67	6:05	316	0.91	33.09	361045	−1.3	−6.6
2 januari	14:14	42	23:21	67	7:22	318	0.97	33.15	360368	0.6	−6.5
3 januari	15:34	45			8:19	316	1.00	33.06	361380	2.5	−5.9
4 januari	17:03	52	0:25	64	8:58	310	0.99	32.81	364078	4.2	−5.0
5 januari	18:31	62	1:25	60	9:25	302	0.96	32.44	368259	5.6	−3.7
6 januari	19:55	72	2:18	54	9:44	292	0.91	31.98	373556	6.5	−2.3
7 januari	21:14	82	3:06	48	9:58	283	0.84	31.48	379500	6.9	−0.7
8 januari	22:29	92	3:51	42	10:11	273	0.75	30.98	385589	6.9	0.8
9 januari	23:42	102	4:33	36	10:22	263	0.66	30.52	391355	6.5	2.2
10 januari			5:14	30	10:34	254	0.57	30.13	396407	5.7	3.5
11 januari	0:54	111	5:56	24	10:46	246	0.47	29.83	400458	4.7	4.7
12 januari	2:06	120	6:39	19	11:02	238	0.37	29.62	403333	3.5	5.6
13 januari	3:19	127	7:24	15	11:22	231	0.29	29.50	404968	2.2	6.2
14 januari	4:30	133	8:12	12	11:49	225	0.21	29.47	405395	0.9	6.6
15 januari	5:36	137	9:03	11	12:26	222	0.13	29.51	404728	−0.4	6.7
16 januari	6:34	139	9:55	10	13:16	221	0.08	29.63	403137	−1.5	6.5
17 januari	7:20	137	10:48	11	14:19	224	0.03	29.80	400824	−2.6	6.0
18 januari	7:54	133	11:39	14	15:32	229	0.01	30.01	398001	−3.5	5.3
19 januari	8:19	126	12:29	17	16:49	237	0.00	30.25	394861	−4.2	4.3
20 januari	8:38	118	13:17	22	18:08	245	0.01	30.51	391565	−4.8	3.0
21 januari	8:53	109	14:03	28	19:26	255	0.05	30.77	388224	−5.2	1.6
22 januari	9:06	99	14:47	34	20:44	266	0.10	31.03	384906	−5.4	0.1
23 januari	9:19	89	15:32	41	22:02	276	0.18	31.30	381642	−5.4	−1.5
24 januari	9:31	79	16:18	47	23:23	287	0.27	31.56	378452	−5.2	−2.9
25 januari	9:45	69	17:06	54			0.37	31.82	375367	−4.7	−4.3
26 januari	10:03	59	17:59	59	0:48	297	0.48	32.07	372459	−4.0	−5.4
27 januari	10:28	51	18:56	64	2:15	306	0.59	32.30	369855	−3.1	−6.2
28 januari	11:03	45	19:57	66	3:43	314	0.70	32.48	367741	−1.9	−6.7
29 januari	11:54	42	21:02	67	5:03	318	0.80	32.61	366344	−0.6	−6.7
30 januari	13:05	43	22:06	66	6:07	318	0.89	32.65	365899	0.8	−6.3
31 januari	14:29	48	23:07	62	6:53	314	0.95	32.59	366594	2.2	−5.4
1 februari	15:58	57			7:24	306	0.99	32.41	368528	3.5	−4.3
2 februari	17:25	67	0:03	57	7:46	297	1.00	32.14	371667	4.6	−2.9
3 februari	18:48	77	0:54	51	8:02	288	0.99	31.78	375838	5.3	−1.3
4 februari	20:06	87	1:41	45	8:16	277	0.95	31.37	380742	5.7	0.3
5 februari	21:22	98	2:25	39	8:28	268	0.89	30.95	385997	5.6	1.8
6 februari	22:36	107	3:08	32	8:39	258	0.82	30.54	391186	5.3	3.3
7 februari	23:49	116	3:50	26	8:52	249	0.74	30.17	395907	4.6	4.5
8 februari			4:33	21	9:06	241	0.65	29.88	399812	3.6	5.5
9 februari	1:02	125	5:18	17	9:24	233	0.55	29.67	402636	2.5	6.2
10 februari	2:15	131	6:05	13	9:48	227	0.46	29.55	404213	1.3	6.7
11 februari	3:24	136	6:54	11	10:21	223	0.36	29.53	404480	0.0	6.8
12 februari	4:25	139	7:46	10	11:06	221	0.28	29.61	403481	−1.2	6.7
13 februari	5:16	138	8:38	10	12:04	222	0.20	29.76	401349	−2.4	6.3
14 februari	5:54	135	9:31	12	13:13	227	0.12	29.99	398300	−3.4	5.6
15 februari	6:22	129	10:22	16	14:30	233	0.07	30.27	394604	−4.1	4.6
16 februari	6:44	121	11:11	20	15:49	242	0.02	30.59	390562	−4.7	3.4
17 februari	7:00	113	11:58	26	17:09	251	0.00	30.91	386473	−5.0	2.0
18 februari	7:14	103	12:44	32	18:28	262	0.00	31.22	382601	−5.0	0.5
19 februari	7:27	93	13:29	39	19:49	273	0.03	31.51	379151	−4.8	−1.1
20 februari	7:39	82	14:15	45	21:10	284	0.07	31.75	376252	−4.4	−2.7
21 februari	7:53	72	15:04	52	22:35	294	0.14	31.94	373953	−3.8	−4.1

2026	Opkomst		Culminatie		Ondergang		Fase Diameter (') Afstand (km)			Libratie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				l (°)	b (°)
22 februari	8:10	62	15:55	58			0.23	32.09	372242	−3.0	−5.3
23 februari	8:32	53	16:50	63	0:02	304	0.33	32.19	371071	−2.0	−6.2
24 februari	9:02	46	17:50	66	1:30	312	0.44	32.25	370390	−1.0	−6.7
25 februari	9:47	42	18:52	67	2:52	317	0.56	32.27	370172	0.0	−6.8
26 februari	10:49	42	19:55	67	4:00	319	0.67	32.25	370430	1.1	−6.5
27 februari	12:07	46	20:55	64	4:50	316	0.77	32.18	371215	2.1	−5.8
28 februari	13:33	53	21:52	60	5:25	310	0.86	32.06	372601	3.0	−4.7
1 maart	14:59	62	22:44	54	5:50	301	0.93	31.88	374653	3.8	−3.4
2 maart	16:22	72	23:32	48	6:08	292	0.97	31.65	377394	4.3	−1.9
3 maart	17:42	83			6:22	282	1.00	31.37	380777	4.7	−0.3
4 maart	18:59	93	0:17	42	6:34	272	1.00	31.05	384672	4.7	1.3
5 maart	20:14	103	1:00	35	6:46	262	0.97	30.72	388867	4.5	2.8
6 maart	21:28	112	1:43	29	6:58	253	0.93	30.39	393085	4.1	4.1
7 maart	22:43	121	2:26	23	7:11	244	0.87	30.09	397015	3.4	5.2
8 maart	23:57	129	3:10	19	7:28	236	0.80	29.84	400345	2.5	6.0
9 maart			3:57	15	7:49	229	0.72	29.66	402793	1.4	6.6
10 maart	1:08	135	4:46	12	8:18	224	0.63	29.56	404134	0.2	6.8
11 maart	2:13	138	5:36	10	8:58	221	0.54	29.55	404224	−1.1	6.8
12 maart	3:08	139	6:28	10	9:50	221	0.44	29.64	403011	−2.4	6.5
13 maart	3:51	137	7:20	11	10:54	224	0.35	29.82	400546	−3.5	5.9
14 maart	4:23	132	8:11	14	12:07	230	0.26	30.09	396982	−4.5	5.0
15 maart	4:47	125	9:01	18	13:25	238	0.18	30.43	392567	−5.2	3.9
16 maart	5:05	117	9:48	23	14:44	247	0.11	30.82	387631	−5.7	2.5
17 maart	5:20	107	10:35	29	16:05	257	0.05	31.23	382555	−5.8	1.0
18 maart	5:33	97	11:21	36	17:26	268	0.01	31.62	377735	−5.6	−0.6
19 maart	5:46	87	12:08	42	18:49	279	0.00	31.98	373538	−5.0	−2.2
20 maart	6:00	76	12:57	49	20:15	290	0.01	32.26	370254	−4.1	−3.7
21 maart	6:16	66	13:48	56	21:43	301	0.05	32.46	368059	−3.0	−5.0
22 maart	6:36	56	14:44	61	23:14	309	0.11	32.55	367003	−1.7	−5.9
23 maart	7:04	48	15:44	65			0.20	32.55	367016	−0.3	−6.6
24 maart	7:45	43	16:46	67	0:40	316	0.30	32.47	367942	1.0	−6.7
25 maart	8:42	42	17:49	67	1:54	318	0.41	32.32	369585	2.2	−6.5
26 maart	9:55	44	18:50	65	2:49	317	0.52	32.13	371749	3.2	−5.9
27 maart	11:18	51	19:47	61	3:28	312	0.63	31.92	374278	3.9	−4.9
28 maart	12:43	59	20:39	56	3:55	304	0.74	31.68	377063	4.5	−3.7
29 maart	14:05	68	21:27	50	4:14	295	0.83	31.43	380044	4.8	−2.2
30 maart	15:24	79	22:12	44	4:29	286	0.90	31.17	383193	4.9	−0.7
31 maart	16:41	89	22:55	38	4:42	276	0.95	30.91	386484	4.8	0.9
1 april	17:55	99	23:37	32	4:53	266	0.99	30.64	389875	4.5	2.3
2 april	19:10	109			5:05	257	1.00	30.37	393285	4.1	3.7
3 april	20:24	118	0:20	26	5:18	248	0.99	30.12	396586	3.4	4.8
4 april	21:39	126	1:04	21	5:33	239	0.96	29.89	399603	2.6	5.7
5 april	22:51	132	1:50	16	5:53	232	0.92	29.71	402133	1.6	6.3
6 april	23:59	137	2:38	13	6:19	226	0.86	29.57	403956	0.5	6.7
7 april			3:28	11	6:54	222	0.79	29.50	404866	−0.8	6.7
8 april	0:58	139	4:19	10	7:40	221	0.70	29.52	404691	−2.0	6.5
9 april	1:46	138	5:11	11	8:39	223	0.62	29.62	403319	−3.3	6.0
10 april	2:22	134	6:02	13	9:48	228	0.52	29.81	400717	−4.5	5.2
11 april	2:48	128	6:51	16	11:03	234	0.42	30.09	396949	−5.5	4.1
12 april	3:08	120	7:39	21	12:20	243	0.33	30.46	392182	−6.3	2.9
13 april	3:24	112	8:25	26	13:38	252	0.24	30.89	386692	−6.8	1.5
14 april	3:38	102	9:10	32	14:58	263	0.15	31.37	380852	−6.9	0.0

2026	Opkomst		Culminatie		Ondergang		Fase Diameter (') Afstand (km)			Libratie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				l (°)	b (°)
15 april	3:51	92	9:57	39	16:20	274	0.08	31.85	375107	−6.5	−1.6
16 april	4:05	81	10:45	46	17:45	285	0.03	32.29	369930	−5.7	−3.1
17 april	4:20	71	11:36	53	19:14	296	0.00	32.66	365763	−4.5	−4.5
18 april	4:39	60	12:31	59	20:46	306	0.01	32.91	362957	−3.0	−5.6
19 april	5:04	52	13:31	63	22:18	313	0.03	33.03	361709	−1.2	−6.3
20 april	5:41	45	14:35	66	23:40	318	0.09	33.00	362038	0.6	−6.6
21 april	6:34	42	15:40	67			0.17	32.84	363792	2.3	−6.5
22 april	7:44	43	16:43	66	0:44	317	0.27	32.58	366693	3.7	−5.9
23 april	9:06	49	17:42	62	1:29	313	0.38	32.25	370400	4.9	−5.0
24 april	10:31	57	18:36	58	1:59	306	0.49	31.89	374571	5.6	−3.8
25 april	11:54	66	19:25	52	2:20	298	0.60	31.53	378908	6.1	−2.4
26 april	13:13	76	20:10	46	2:37	289	0.70	31.17	383188	6.1	−0.9
27 april	14:29	86	20:53	40	2:50	279	0.79	30.85	387262	6.0	0.7
28 april	15:43	96	21:35	34	3:02	269	0.87	30.55	391047	5.5	2.1
29 april	16:56	105	22:17	28	3:13	260	0.93	30.28	394501	4.9	3.4
30 april	18:10	114	23:00	22	3:26	251	0.97	30.04	397597	4.2	4.6
1 mei	19:23	123	23:45	18	3:40	242	0.99	29.84	400307	3.3	5.5
2 mei	20:37	130			3:58	235	1.00	29.67	402578	2.3	6.1
3 mei	21:47	135	0:33	14	4:22	228	0.98	29.54	404329	1.2	6.5
4 mei	22:49	138	1:22	12	4:53	224	0.95	29.46	405451	0.0	6.6
5 mei	23:40	138	2:13	10	5:36	222	0.90	29.44	405813	−1.3	6.4
6 mei			3:04	11	6:30	223	0.84	29.47	405285	−2.6	5.9
7 mei	0:20	135	3:55	12	7:35	226	0.77	29.59	403752	−3.9	5.2
8 mei	0:49	130	4:44	15	8:47	232	0.68	29.78	401141	−5.1	4.2
9 mei	1:11	123	5:31	19	10:01	240	0.59	30.06	397445	−6.1	3.1
10 mei	1:29	115	6:17	24	11:17	248	0.49	30.42	392741	−7.0	1.7
11 mei	1:43	106	7:02	30	12:34	258	0.39	30.85	387210	−7.5	0.3
12 mei	1:56	96	7:46	36	13:52	269	0.29	31.34	381144	−7.7	−1.2
13 mei	2:09	86	8:32	43	15:14	279	0.20	31.86	374940	−7.4	−2.7
14 mei	2:23	76	9:21	49	16:40	290	0.11	32.37	369077	−6.6	−4.1
15 mei	2:40	65	10:14	56	18:10	301	0.05	32.81	364066	−5.3	−5.2
16 mei	3:02	56	11:12	61	19:44	310	0.01	33.15	360382	−3.5	−6.0
17 mei	3:34	48	12:16	65	21:13	316	0.00	33.33	358387	−1.5	−6.5
18 mei	4:20	43	13:22	67	22:28	318	0.02	33.34	358257	0.6	−6.4
19 mei	5:25	43	14:29	66	23:23	315	0.07	33.19	359954	2.6	−6.0
20 mei	6:46	47	15:32	63	23:59	309	0.15	32.89	363235	4.4	−5.1
21 mei	8:14	54	16:30	59			0.24	32.49	367716	5.7	−3.9
22 mei	9:40	63	17:22	54	0:24	300	0.34	32.03	372943	6.6	−2.5
23 mei	11:02	73	18:09	48	0:43	291	0.45	31.56	378473	7.1	−1.0
24 mei	12:19	83	18:53	41	0:57	282	0.56	31.11	383924	7.2	0.6
25 mei	13:34	93	19:35	35	1:09	272	0.66	30.71	389007	6.9	2.0
26 mei	14:47	103	20:17	29	1:21	263	0.75	30.35	393529	6.3	3.4
27 mei	15:59	112	20:59	24	1:33	253	0.83	30.06	397387	5.5	4.5
28 mei	17:12	120	21:43	19	1:47	245	0.90	29.82	400541	4.6	5.4
29 mei	18:25	128	22:29	15	2:04	237	0.95	29.64	402996	3.5	6.1
30 mei	19:36	134	23:18	12	2:26	230	0.98	29.51	404773	2.3	6.5
31 mei	20:41	137			2:55	225	1.00	29.43	405891	1.1	6.6
1 juni	21:36	138	0:08	11	3:34	222	0.99	29.40	406349	−0.1	6.4
2 juni	22:19	136	1:00	10	4:25	222	0.97	29.41	406123	−1.4	5.9
3 juni	22:51	132	1:51	12	5:27	225	0.94	29.48	405167	−2.7	5.2
4 juni	23:15	125	2:40	14	6:36	230	0.88	29.61	403422	−4.0	4.3
5 juni	23:34	118	3:28	18	7:49	237	0.82	29.80	400830	−5.1	3.1

2026	Opkomst		Culminatie		Ondergang		Fase Diameter (') Afstand (km)			Libratie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				l (°)	b (°)
6 juni	23:49	109	4:13	22	9:04	245	0.74	30.06	397360	−6.2	1.8
7 juni			4:57	28	10:18	255	0.64	30.39	393030	−7.1	0.4
8 juni	0:02	100	5:40	34	11:34	265	0.54	30.79	387931	−7.6	−1.0
9 juni	0:14	90	6:24	40	12:51	275	0.44	31.25	382249	−7.8	−2.5
10 juni	0:27	80	7:10	47	14:12	286	0.33	31.75	376272	−7.6	−3.8
11 juni	0:42	70	7:59	53	15:38	296	0.23	32.25	370395	−6.9	−5.0
12 juni	1:01	60	8:53	59	17:08	306	0.14	32.72	365086	−5.7	−5.9
13 juni	1:27	52	9:54	63	18:40	313	0.07	33.10	360840	−4.0	−6.4
14 juni	2:05	45	10:59	66	20:03	317	0.02	33.36	358104	−2.0	−6.5
15 juni	3:01	42	12:07	67	21:09	317	0.00	33.44	357196	0.2	−6.2
16 juni	4:17	44	13:14	65	21:54	312	0.01	33.35	358234	2.3	−5.4
17 juni	5:46	51	14:16	61	22:25	304	0.05	33.08	361107	4.2	−4.2
18 juni	7:16	59	15:12	56	22:46	295	0.12	32.68	365506	5.7	−2.8
19 juni	8:43	69	16:03	50	23:03	285	0.21	32.20	370979	6.8	−1.2
20 juni	10:04	80	16:49	43	23:16	275	0.30	31.68	377020	7.4	0.4
21 juni	11:22	90	17:33	37	23:28	265	0.41	31.18	383143	7.5	1.9
22 juni	12:36	100	18:15	31	23:40	256	0.51	30.71	388936	7.3	3.3
23 juni	13:49	109	18:58	25	23:54	247	0.61	30.31	394087	6.7	4.5
24 juni	15:03	118	19:41	20			0.70	29.98	398395	5.8	5.4
25 juni	16:16	126	20:27	16	0:10	239	0.79	29.73	401759	4.8	6.1
26 juni	17:27	132	21:15	13	0:30	232	0.86	29.56	404157	3.7	6.5
27 juni	18:34	136	22:04	11	0:56	226	0.92	29.45	405628	2.4	6.7
28 juni	19:32	138	22:56	10	1:32	223	0.96	29.40	406246	1.2	6.5
29 juni	20:19	137	23:47	11	2:19	222	0.99	29.42	406095	−0.1	6.0
30 juni	20:54	133			3:19	224	1.00	29.48	405252	−1.4	5.3
1 juli	21:20	127	0:37	13	4:27	228	0.99	29.58	403775	−2.6	4.4
2 juli	21:40	120	1:25	17	5:40	235	0.96	29.74	401698	−3.8	3.3
3 juli	21:56	112	2:12	21	6:54	243	0.92	29.94	399030	−4.9	2.0
4 juli	22:09	103	2:56	26	8:08	252	0.86	30.18	395773	−5.8	0.6
5 juli	22:21	93	3:39	32	9:22	262	0.78	30.48	391933	−6.5	−0.9
6 juli	22:33	83	4:21	38	10:37	272	0.69	30.82	387548	−7.0	−2.3
7 juli	22:47	74	5:05	44	11:54	282	0.59	31.21	382712	−7.2	−3.7
8 juli	23:03	64	5:51	51	13:16	292	0.48	31.64	377594	−7.0	−4.9
9 juli	23:25	55	6:42	57	14:42	302	0.37	32.07	372456	−6.4	−5.8
10 juli	23:56	48	7:37	62	16:10	310	0.26	32.49	367641	−5.3	−6.4
11 juli			8:39	65	17:36	316	0.17	32.86	363557	−3.9	−6.7
12 juli	0:42	43	9:44	67	18:50	318	0.09	33.12	360623	−2.1	−6.4
13 juli	1:48	43	10:51	66	19:44	315	0.03	33.26	359198	−0.2	−5.8
14 juli	3:11	47	11:56	63	20:22	308	0.00	33.23	359512	1.8	−4.7
15 juli	4:43	55	12:56	59	20:48	299	0.01	33.03	361606	3.6	−3.3
16 juli	6:14	64	13:51	53	21:06	289	0.04	32.70	365317	5.1	−1.7
17 juli	7:40	75	14:40	46	21:21	279	0.09	32.26	370305	6.2	0.0
18 juli	9:01	86	15:26	40	21:34	269	0.17	31.76	376112	6.9	1.6
19 juli	10:19	96	16:10	33	21:47	259	0.26	31.25	382239	7.1	3.1
20 juli	11:35	106	16:54	27	22:00	250	0.36	30.77	388212	7.0	4.4
21 juli	12:49	115	17:38	22	22:15	242	0.46	30.35	393630	6.5	5.4
22 juli	14:03	123	18:23	17	22:33	234	0.55	30.00	398191	5.7	6.1
23 juli	15:16	130	19:10	14	22:57	228	0.65	29.74	401705	4.6	6.6
24 juli	16:25	135	20:00	11	23:30	224	0.74	29.56	404085	3.5	6.8
25 juli	17:27	138	20:50	10			0.82	29.47	405334	2.2	6.7
26 juli	18:17	138	21:42	11	0:13	222	0.88	29.46	405530	0.9	6.3

2026	Opkomst		Culminatie		Ondergang		Fase Diameter (') Afstand (km)			Libratie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				l (°)	b (°)
27 juli	18:56	135	22:33	12	1:09	223	0.94	29.51	404796	−0.3	5.6
28 juli	19:25	129	23:22	15	2:15	227	0.97	29.62	403286	−1.5	4.7
29 juli	19:46	122			3:28	233	1.00	29.78	401155	−2.7	3.5
30 juli	20:03	114	0:09	19	4:42	240	1.00	29.97	398547	−3.7	2.2
31 juli	20:17	105	0:54	24	5:58	249	0.98	30.20	395575	−4.5	0.8
1 augustus	20:29	96	1:38	30	7:12	259	0.94	30.45	392324	−5.2	−0.7
2 augustus	20:41	86	2:21	36	8:27	269	0.89	30.72	388848	−5.7	−2.2
3 augustus	20:54	76	3:04	43	9:44	279	0.81	31.01	385185	−6.0	−3.6
4 augustus	21:09	67	3:49	49	11:03	289	0.72	31.32	381379	−5.9	−4.8
5 augustus	21:28	58	4:37	55	12:25	299	0.62	31.64	377503	−5.6	−5.8
6 augustus	21:54	50	5:29	60	13:51	308	0.51	31.97	373678	−5.0	−6.5
7 augustus	22:32	44	6:27	64	15:16	314	0.40	32.28	370090	−4.1	−6.8
8 augustus	23:28	42	7:29	66	16:33	318	0.29	32.55	366990	−2.9	−6.7
9 augustus			8:33	67	17:34	317	0.19	32.76	364667	−1.5	−6.1
10 augustus	0:42	44	9:38	65	18:18	312	0.10	32.87	363414	0.1	−5.2
11 augustus	2:09	51	10:39	61	18:48	304	0.04	32.87	363467	1.7	−3.9
12 augustus	3:40	59	11:36	56	19:09	294	0.01	32.73	364956	3.1	−2.4
13 augustus	5:09	70	12:28	49	19:26	284	0.00	32.47	367856	4.4	−0.7
14 augustus	6:34	81	13:16	43	19:40	274	0.02	32.11	371985	5.4	1.0
15 augustus	7:55	91	14:02	36	19:52	264	0.07	31.68	377022	6.0	2.6
16 augustus	9:13	102	14:46	30	20:05	254	0.13	31.23	382554	6.3	4.0
17 augustus	10:30	112	15:31	24	20:20	245	0.21	30.78	388136	6.2	5.1
18 augustus	11:46	120	16:17	19	20:37	237	0.30	30.37	393345	5.7	6.0
19 augustus	13:01	128	17:04	15	20:59	230	0.39	30.03	397818	5.0	6.6
20 augustus	14:12	134	17:53	12	21:28	225	0.49	29.77	401282	4.0	6.8
21 augustus	15:17	137	18:44	11	22:07	222	0.59	29.60	403568	2.9	6.8
22 augustus	16:12	138	19:35	10	22:59	222	0.68	29.52	404606	1.6	6.5
23 augustus	16:55	136	20:26	12			0.76	29.54	404427	0.3	5.8
24 augustus	17:27	132	21:16	14	0:01	225	0.84	29.63	403144	−0.9	5.0
25 augustus	17:51	125	22:04	18	1:12	230	0.90	29.79	400936	−2.1	3.9
26 augustus	18:10	117	22:50	22	2:27	237	0.95	30.01	398025	−3.1	2.6
27 augustus	18:25	109	23:35	28	3:42	246	0.99	30.27	394651	−3.9	1.2
28 augustus	18:38	99			4:58	255	1.00	30.55	391051	−4.5	−0.3
29 augustus	18:50	89	0:18	34	6:14	265	0.99	30.83	387430	−4.9	−1.8
30 augustus	19:03	80	1:02	41	7:31	276	0.96	31.11	383945	−5.0	−3.3
31 augustus	19:17	70	1:47	47	8:50	286	0.91	31.38	380703	−4.9	−4.6
1 september	19:34	60	2:35	53	10:13	296	0.84	31.62	377760	−4.5	−5.6
2 september	19:58	52	3:26	59	11:38	305	0.75	31.84	375140	−3.9	−6.4
3 september	20:31	46	4:21	63	13:03	313	0.65	32.04	372857	−3.1	−6.7
4 september	21:19	42	5:21	66	14:22	317	0.54	32.20	370940	−2.2	−6.7
5 september	22:25	43	6:23	67	15:27	318	0.42	32.33	369455	−1.1	−6.3
6 september	23:46	48	7:26	66	16:15	314	0.31	32.42	368508	0.0	−5.5
7 september			8:27	63	16:49	307	0.21	32.44	368237	1.2	−4.3
8 september	1:14	55	9:24	58	17:13	299	0.12	32.39	368785	2.3	−2.9
9 september	2:42	65	10:17	52	17:31	289	0.06	32.26	370266	3.3	−1.3
10 september	4:07	75	11:06	46	17:45	279	0.02	32.05	372722	4.2	0.4
11 september	5:29	86	11:52	39	17:58	268	0.00	31.76	376097	4.8	2.0
12 september	6:49	97	12:38	33	18:11	258	0.01	31.42	380227	5.3	3.5
13 september	8:07	107	13:23	27	18:25	249	0.04	31.04	384847	5.4	4.7
14 september	9:24	116	14:08	21	18:41	240	0.09	30.66	389627	5.2	5.7
15 september	10:41	125	14:56	17	19:01	233	0.16	30.30	394203	4.8	6.4
16 september	11:55	132	15:44	13	19:28	227	0.24	30.00	398224	4.0	6.7

2026	Opkomst		Culminatie		Ondergang		Fase Diameter (') Afstand (km)			Libratie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				l (°)	b (°)
17 september	13:04	136	16:35	11	20:03	223	0.33	29.76	401381	3.1	6.8
18 september	14:03	138	17:26	10	20:49	222	0.42	29.61	403439	1.9	6.5
19 september	14:51	137	18:18	11	21:47	223	0.51	29.55	404250	0.6	6.0
20 september	15:27	134	19:08	13	22:55	228	0.61	29.59	403766	−0.7	5.2
21 september	15:54	128	19:56	16			0.70	29.71	402037	−1.9	4.2
22 september	16:14	121	20:43	20	0:07	234	0.78	29.92	399209	−3.1	3.0
23 september	16:31	112	21:28	26	1:23	242	0.86	30.20	395514	−4.0	1.6
24 september	16:45	103	22:13	32	2:38	251	0.92	30.53	391244	−4.7	0.2
25 september	16:57	94	22:57	38	3:55	261	0.97	30.89	386732	−5.1	−1.4
26 september	17:10	83	23:42	44	5:12	272	0.99	31.25	382312	−5.1	−2.8
27 september	17:24	73			6:32	282	1.00	31.58	378289	−4.8	−4.2
28 september	17:41	64	0:29	51	7:55	292	0.98	31.86	374898	−4.2	−5.3
29 september	18:03	55	1:20	57	9:21	302	0.93	32.09	372290	−3.4	−6.1
30 september	18:33	48	2:16	62	10:48	310	0.87	32.24	370518	−2.3	−6.6
1 oktober	19:17	43	3:15	65	12:11	316	0.78	32.32	369552	−1.2	−6.7
2 oktober	20:17	43	4:17	67	13:21	318	0.68	32.35	369306	−0.1	−6.3
3 oktober	21:33	46	5:20	66	14:14	315	0.57	32.31	369672	1.0	−5.6
4 oktober	22:58	53	6:21	64	14:51	310	0.45	32.24	370555	2.0	−4.5
5 oktober			7:18	60	15:17	302	0.34	32.12	371895	2.9	−3.1
6 oktober	0:24	62	8:10	55	15:37	293	0.24	31.97	373669	3.6	−1.6
7 oktober	1:48	72	9:00	48	15:52	283	0.15	31.78	375884	4.2	0.0
8 oktober	3:09	82	9:46	42	16:05	273	0.08	31.56	378554	4.6	1.6
9 oktober	4:28	92	10:31	35	16:18	263	0.03	31.30	381668	4.9	3.0
10 oktober	5:45	103	11:15	29	16:31	253	0.01	31.01	385170	5.0	4.3
11 oktober	7:03	112	12:01	23	16:47	244	0.00	30.71	388943	4.8	5.4
12 oktober	8:20	121	12:47	19	17:05	236	0.02	30.41	392805	4.5	6.1
13 oktober	9:35	129	13:36	15	17:29	229	0.06	30.13	396519	3.9	6.5
14 oktober	10:47	134	14:26	12	18:00	225	0.11	29.88	399820	3.1	6.7
15 oktober	11:51	137	15:17	11	18:42	222	0.18	29.68	402436	2.1	6.5
16 oktober	12:44	138	16:09	11	19:36	223	0.26	29.56	404121	0.9	6.0
17 oktober	13:24	135	16:59	12	20:39	226	0.35	29.52	404679	−0.4	5.3
18 oktober	13:54	130	17:48	15	21:49	232	0.44	29.57	403987	−1.7	4.4
19 oktober	14:17	124	18:35	19	23:03	239	0.53	29.71	402010	−3.1	3.2
20 oktober	14:35	116	19:20	23			0.63	29.95	398815	−4.2	1.9
21 oktober	14:50	107	20:04	29	0:17	247	0.72	30.27	394571	−5.2	0.5
22 oktober	15:03	98	20:48	35	1:32	257	0.80	30.66	389550	−5.8	−0.9
23 oktober	15:15	88	21:32	41	2:48	267	0.88	31.10	384111	−6.1	−2.4
24 oktober	15:29	78	22:19	48	4:06	277	0.94	31.55	378671	−5.9	−3.7
25 oktober	15:45	68	23:09	54	5:28	288	0.98	31.97	373664	−5.3	−4.9
26 oktober	16:05	59			6:55	298	1.00	32.33	369491	−4.3	−5.8
27 oktober	16:33	50	0:04	60	8:24	307	0.99	32.60	366466	−3.0	−6.4
28 oktober	17:13	45	1:04	64	9:52	314	0.95	32.75	364767	−1.5	−6.6
29 oktober	18:09	43	2:07	66	11:09	317	0.89	32.78	364423	0.1	−6.3
30 oktober	19:22	45	3:12	66	12:10	316	0.81	32.70	365319	1.6	−5.6
31 oktober	20:46	51	4:15	65	12:52	311	0.71	32.53	367235	2.9	−4.5
1 november	22:12	59	5:14	61	13:21	304	0.60	32.29	369905	4.0	−3.2
2 november	23:36	69	6:08	56	13:43	295	0.48	32.02	373062	4.8	−1.7
3 november			6:57	50	13:59	286	0.37	31.73	376485	5.3	−0.2
4 november	0:57	79	7:43	44	14:13	276	0.27	31.43	380013	5.6	1.4
5 november	2:14	89	8:28	38	14:26	266	0.18	31.14	383546	5.7	2.8
6 november	3:31	99	9:12	31	14:39	256	0.11	30.86	387034	5.5	4.1
7 november	4:47	109	9:56	25	14:53	247	0.05	30.59	390447	5.3	5.2
8 november	6:02	118	10:41	20	15:10	239	0.02	30.34	393752	4.8	5.9

2026	Opkomst		Culminatie		Ondergang		Fase Diameter (') Afstand (km)			Libratie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				l (°)	b (°)
9 november	7:18	126	11:29	16	15:32	232	0.00	30.10	396893	4.2	6.4
10 november	8:31	132	12:19	13	16:00	226	0.01	29.88	399775	3.5	6.6
11 november	9:38	136	13:10	11	16:38	223	0.03	29.70	402263	2.5	6.4
12 november	10:35	138	14:01	11	17:28	223	0.07	29.55	404188	1.4	6.0
13 november	11:20	136	14:52	12	18:28	225	0.12	29.47	405366	0.1	5.3
14 november	11:54	132	15:41	14	19:35	230	0.19	29.45	405616	−1.2	4.4
15 november	12:19	126	16:29	17	20:47	236	0.27	29.51	404785	−2.6	3.3
16 november	12:38	119	17:13	22	21:59	244	0.36	29.66	402775	−4.0	2.1
17 november	12:54	111	17:57	27	23:12	253	0.45	29.90	399561	−5.2	0.7
18 november	13:07	102	18:39	32			0.55	30.23	395217	−6.2	−0.7
19 november	13:20	93	19:22	38	0:25	262	0.65	30.64	389922	−6.9	−2.1
20 november	13:33	83	20:07	45	1:40	272	0.74	31.11	383971	−7.2	−3.4
21 november	13:48	73	20:55	51	2:59	283	0.83	31.62	377764	−7.1	−4.6
22 november	14:05	63	21:47	57	4:22	293	0.91	32.13	371780	−6.4	−5.6
23 november	14:29	54	22:45	62	5:50	303	0.96	32.59	366531	−5.2	−6.3
24 november	15:04	47	23:48	65	7:20	311	0.99	32.95	362493	−3.6	−6.5
25 november	15:54	43			8:46	316	1.00	33.18	360035	−1.7	−6.3
26 november	17:02	44	0:54	66	9:56	317	0.97	33.24	359349	0.2	−5.7
27 november	18:26	49	2:01	65	10:47	313	0.92	33.14	360420	2.1	−4.7
28 november	19:55	57	3:04	62	11:22	306	0.84	32.90	363041	3.8	−3.4
29 november	21:23	66	4:02	58	11:47	298	0.74	32.56	366861	5.1	−1.8
30 november	22:46	76	4:54	52	12:05	288	0.64	32.16	371465	6.1	−0.2
1 december			5:42	46	12:20	278	0.53	31.73	376441	6.7	1.3
2 december	0:05	86	6:27	39	12:33	269	0.42	31.32	381442	6.9	2.8
3 december	1:21	97	7:11	33	12:46	259	0.32	30.93	386204	6.8	4.1
4 december	2:36	106	7:54	27	13:00	250	0.23	30.59	390559	6.5	5.2
5 december	3:51	115	8:39	22	13:16	241	0.15	30.29	394420	6.0	5.9
6 december	5:06	124	9:25	17	13:36	234	0.09	30.03	397756	5.3	6.4
7 december	6:19	130	10:14	14	14:02	228	0.04	29.82	400570	4.4	6.6
8 december	7:28	135	11:04	12	14:37	224	0.01	29.65	402865	3.4	6.5
9 december	8:28	137	11:56	11	15:22	223	0.00	29.52	404634	2.3	6.1
10 december	9:17	137	12:47	11	16:19	224	0.01	29.43	405837	1.0	5.4
11 december	9:54	133	13:37	13	17:25	228	0.04	29.39	406404	−0.3	4.5
12 december	10:22	128	14:24	16	18:35	234	0.08	29.41	406237	−1.7	3.4
13 december	10:43	121	15:10	20	19:47	242	0.13	29.48	405226	−3.1	2.2
14 december	10:59	113	15:53	25	20:58	250	0.21	29.62	403267	−4.4	0.8
15 december	11:13	105	16:35	30	22:09	259	0.29	29.84	400290	−5.7	−0.6
16 december	11:25	96	17:16	36	23:22	269	0.38	30.14	396283	−6.7	−2.0
17 december	11:38	87	17:59	42			0.48	30.53	391316	−7.5	−3.3
18 december	11:51	77	18:43	48	0:36	278	0.58	30.98	385564	−7.9	−4.5
19 december	12:06	68	19:32	54	1:54	288	0.68	31.49	379316	−7.8	−5.5
20 december	12:26	59	20:25	60	3:17	298	0.78	32.03	372977	−7.3	−6.2
21 december	12:54	51	21:25	64	4:44	307	0.87	32.55	367044	−6.2	−6.6
22 december	13:35	45	22:29	66	6:12	314	0.94	32.99	362051	−4.6	−6.6
23 december	14:35	43	23:37	66	7:31	317	0.98	33.32	358503	−2.7	−6.1
24 december	15:54	46			8:33	315	1.00	33.48	356779	−0.6	−5.1
25 december	17:24	53	0:44	64	9:17	310	0.99	33.46	357062	1.5	−3.8
26 december	18:57	62	1:46	60	9:47	302	0.94	33.25	359295	3.5	−2.3
27 december	20:25	72	2:43	54	10:08	292	0.88	32.89	363197	5.1	−0.6
28 december	21:49	83	3:35	48	10:25	282	0.79	32.43	368331	6.4	1.1
29 december	23:08	93	4:23	41	10:39	272	0.69	31.92	374184	7.2	2.7
30 december			5:08	35	10:52	262	0.58	31.41	380258	7.6	4.0
31 december	0:25	104	5:52	29	11:06	252	0.48	30.94	386125	7.5	5.2

Mercurius

2026	Opkomst		Culminatie		Ondergang		Magnitude	Fase	Diameter (")	Afstand (AE)	Elongatie (°)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)					
1 januari	7:02	129	10:55	15	14:48	231	−0.6	94.9	4.9	1.377559	11.9 W
2 januari	7:06	129	10:58	15	14:50	231	−0.6	95.4	4.9	1.384847	11.4 W
3 januari	7:09	130	11:01	15	14:52	230	−0.6	95.8	4.8	1.391583	10.9 W
4 januari	7:13	130	11:04	15	14:55	230	−0.6	96.2	4.8	1.397773	10.4 W
5 januari	7:16	130	11:07	15	14:57	230	−0.7	96.6	4.8	1.403421	9.9 W
6 januari	7:19	130	11:09	15	14:60	230	−0.7	97.0	4.8	1.408531	9.4 W
7 januari	7:22	130	11:12	15	15:03	230	−0.7	97.3	4.8	1.413106	8.8 W
8 januari	7:25	130	11:15	15	15:06	230	−0.7	97.6	4.7	1.417146	8.3 W
9 januari	7:27	130	11:18	15	15:09	230	−0.8	97.9	4.7	1.420654	7.8 W
10 januari	7:30	130	11:21	15	15:13	230	−0.8	98.2	4.7	1.423628	7.3 W
11 januari	7:32	129	11:24	15	15:17	231	−0.9	98.4	4.7	1.426067	6.7 W
12 januari	7:35	129	11:27	15	15:21	231	−0.9	98.7	4.7	1.427969	6.2 W
13 januari	7:37	129	11:30	15	15:25	231	−0.9	98.9	4.7	1.429328	5.6 W
14 januari	7:39	129	11:34	16	15:29	231	−1.0	99.1	4.7	1.430142	5.1 W
15 januari	7:40	128	11:37	16	15:33	232	−1.0	99.3	4.7	1.430403	4.6 W
16 januari	7:42	128	11:40	16	15:38	232	−1.1	99.4	4.7	1.430103	4.0 W
17 januari	7:44	128	11:43	16	15:43	233	−1.2	99.5	4.7	1.429235	3.5 W
18 januari	7:45	127	11:46	16	15:48	233	−1.2	99.7	4.7	1.427788	3.1 W
19 januari	7:46	127	11:49	17	15:53	234	−1.3	99.7	4.7	1.425750	2.6 W
20 januari	7:47	126	11:52	17	15:58	234	−1.3	99.8	4.7	1.423108	2.3 W
21 januari	7:48	125	11:55	17	16:03	235	−1.4	99.8	4.7	1.419847	2.1 O
22 januari	7:49	125	11:58	18	16:09	236	−1.4	99.8	4.8	1.415952	2.1 O
23 januari	7:50	124	12:02	18	16:14	236	−1.4	99.8	4.8	1.411404	2.3 O
24 januari	7:50	123	12:05	19	16:20	237	−1.4	99.7	4.8	1.406183	2.6 O
25 januari	7:51	123	12:08	19	16:26	238	−1.4	99.6	4.8	1.400268	3.1 O
26 januari	7:51	122	12:11	19	16:32	239	−1.4	99.4	4.8	1.393635	3.6 O
27 januari	7:51	121	12:14	20	16:38	239	−1.3	99.2	4.9	1.386261	4.2 O
28 januari	7:51	120	12:17	20	16:44	240	−1.3	98.9	4.9	1.378118	4.8 O
29 januari	7:51	119	12:20	21	16:51	241	−1.3	98.6	4.9	1.369177	5.5 O
30 januari	7:51	118	12:23	22	16:57	242	−1.3	98.2	4.9	1.359409	6.2 O
31 januari	7:50	117	12:26	22	17:03	243	−1.3	97.6	5.0	1.348783	6.9 O
1 februari	7:50	116	12:29	23	17:10	244	−1.2	97.0	5.0	1.337266	7.6 O
2 februari	7:49	115	12:32	23	17:17	245	−1.2	96.3	5.1	1.324825	8.3 O
3 februari	7:49	114	12:35	24	17:23	247	−1.2	95.5	5.1	1.311427	9.0 O
4 februari	7:48	113	12:38	25	17:30	248	−1.2	94.5	5.2	1.297040	9.8 O
5 februari	7:47	112	12:41	25	17:36	249	−1.2	93.3	5.2	1.281633	10.5 O
6 februari	7:46	110	12:43	26	17:43	250	−1.2	92.0	5.3	1.265176	11.2 O
7 februari	7:44	109	12:46	27	17:49	251	−1.2	90.5	5.4	1.247647	12.0 O
8 februari	7:43	108	12:49	28	17:56	253	−1.2	88.8	5.5	1.229027	12.7 O
9 februari	7:41	107	12:51	28	18:02	254	−1.1	86.9	5.6	1.209305	13.4 O
10 februari	7:40	106	12:53	29	18:09	255	−1.1	84.7	5.7	1.188480	14.1 O
11 februari	7:38	104	12:55	30	18:15	256	−1.1	82.3	5.8	1.166564	14.7 O
12 februari	7:36	103	12:57	31	18:20	258	−1.0	79.6	5.9	1.143582	15.4 O
13 februari	7:33	102	12:59	32	18:26	259	−1.0	76.6	6.0	1.119578	15.9 O
14 februari	7:31	101	13:00	32	18:31	260	−0.9	73.3	6.1	1.094613	16.5 O
15 februari	7:28	99	13:01	33	18:36	261	−0.9	69.8	6.3	1.068772	17.0 O
16 februari	7:25	98	13:02	34	18:40	262	−0.8	66.0	6.5	1.042160	17.4 O
17 februari	7:22	97	13:03	35	18:44	264	−0.7	61.9	6.6	1.014907	17.7 O
18 februari	7:19	96	13:03	35	18:48	265	−0.6	57.6	6.8	0.987163	17.9 O
19 februari	7:16	95	13:02	36	18:50	266	−0.5	53.2	7.0	0.959103	18.1 O
20 februari	7:12	94	13:01	37	18:52	267	−0.4	48.6	7.2	0.930916	18.1 O
21 februari	7:08	93	13:00	37	18:54	267	−0.3	43.9	7.5	0.902809	18.0 O

2026	Opkomst		Culminatie		Ondergang		Magnitude	Fase	Diameter (^{''})	Afstand (AE)	Elongatie (°)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)					
22 februari	7:04	92	12:58	38	18:54	268	−0.1	39.2	7.7	0.874999	17.8 O
23 februari	6:59	91	12:56	38	18:54	269	0.0	34.6	7.9	0.847708	17.4 O
24 februari	6:54	91	12:53	38	18:52	269	0.2	30.0	8.2	0.821160	16.9 O
25 februari	6:50	90	12:49	39	18:50	270	0.5	25.6	8.5	0.795572	16.2 O
26 februari	6:44	90	12:45	39	18:46	270	0.8	21.4	8.7	0.771155	15.4 O
27 februari	6:39	90	12:41	39	18:42	270	1.1	17.5	9.0	0.748105	14.4 O
28 februari	6:34	90	12:35	39	18:37	270	1.5	13.9	9.3	0.726601	13.3 O
1 maart	6:28	90	12:30	39	18:31	270	2.0	10.7	9.5	0.706801	12.0 O
2 maart	6:22	90	12:23	39	18:24	270	2.5	7.9	9.8	0.688839	10.6 O
3 maart	6:17	90	12:17	39	18:16	270	3.1	5.6	10.0	0.672824	9.1 O
4 maart	6:11	90	12:10	38	18:08	269	3.7	3.7	10.2	0.658836	7.6 O
5 maart	6:05	91	12:03	38	17:59	269	4.4	2.2	10.4	0.646925	6.1 O
6 maart	5:60	91	11:55	38	17:50	268	5.0	1.3	10.6	0.637114	4.7 O
7 maart	5:54	92	11:48	37	17:40	268	5.5	0.8	10.7	0.629395	3.8 W
8 maart	5:49	93	11:40	37	17:30	267	5.5	0.8	10.8	0.623733	3.8 W
9 maart	5:44	94	11:33	36	17:20	266	5.2	1.2	10.8	0.620067	4.7 W
10 maart	5:39	94	11:25	36	17:11	265	4.6	1.9	10.9	0.618317	6.1 W
11 maart	5:34	95	11:18	35	17:01	264	4.1	3.0	10.9	0.618381	7.8 W
12 maart	5:30	96	11:11	35	16:52	264	3.6	4.5	10.8	0.620146	9.5 W
13 maart	5:26	97	11:05	34	16:43	263	3.1	6.1	10.8	0.623489	11.1 W
14 maart	5:22	97	10:59	34	16:35	262	2.7	8.0	10.7	0.628281	12.8 W
15 maart	5:18	98	10:53	34	16:27	262	2.3	10.0	10.6	0.634392	14.4 W
16 maart	5:14	99	10:47	33	16:20	261	2.0	12.1	10.5	0.641691	15.9 W
17 maart	5:11	99	10:42	33	16:13	260	1.7	14.4	10.3	0.650056	17.3 W
18 maart	5:08	100	10:38	32	16:07	260	1.5	16.6	10.2	0.659366	18.6 W
19 maart	5:05	100	10:33	32	16:01	259	1.3	18.9	10.0	0.669511	19.8 W
20 maart	5:03	101	10:30	32	15:56	259	1.2	21.2	9.9	0.680387	20.9 W
21 maart	5:00	101	10:26	32	15:51	259	1.0	23.5	9.7	0.691901	21.9 W
22 maart	4:58	102	10:23	31	15:47	258	0.9	25.7	9.6	0.703966	22.8 W
23 maart	4:56	102	10:20	31	15:44	258	0.8	28.0	9.4	0.716505	23.7 W
24 maart	4:54	102	10:18	31	15:41	258	0.8	30.1	9.2	0.729451	24.4 W
25 maart	4:52	102	10:15	31	15:39	258	0.7	32.2	9.1	0.742740	25.0 W
26 maart	4:50	102	10:13	31	15:37	258	0.6	34.3	8.9	0.756320	25.6 W
27 maart	4:48	102	10:12	31	15:35	258	0.6	36.2	8.7	0.770143	26.1 W
28 maart	4:47	102	10:10	31	15:34	258	0.5	38.2	8.6	0.784165	26.5 W
29 maart	4:45	102	10:09	31	15:33	258	0.5	40.0	8.4	0.798351	26.9 W
30 maart	4:44	102	10:08	31	15:33	258	0.5	41.8	8.3	0.812668	27.2 W
31 maart	4:42	102	10:07	32	15:33	259	0.4	43.6	8.1	0.827088	27.4 W
1 april	4:41	101	10:07	32	15:34	259	0.4	45.3	8.0	0.841587	27.6 W
2 april	4:39	101	10:06	32	15:34	259	0.4	46.9	7.9	0.856142	27.7 W
3 april	4:38	101	10:06	32	15:35	260	0.4	48.5	7.7	0.870736	27.8 W
4 april	4:36	100	10:06	32	15:37	260	0.3	50.1	7.6	0.885353	27.8 W
5 april	4:35	100	10:06	33	15:38	260	0.3	51.6	7.5	0.899977	27.8 W
6 april	4:34	99	10:06	33	15:40	261	0.3	53.1	7.4	0.914596	27.7 W
7 april	4:32	99	10:07	33	15:42	262	0.3	54.5	7.2	0.929200	27.6 W
8 april	4:31	98	10:07	34	15:45	262	0.2	56.0	7.1	0.943779	27.5 W
9 april	4:29	98	10:08	34	15:47	263	0.2	57.3	7.0	0.958323	27.3 W
10 april	4:28	97	10:09	35	15:50	263	0.2	58.7	6.9	0.972825	27.0 W
11 april	4:27	96	10:09	35	15:53	264	0.2	60.1	6.8	0.987278	26.8 W
12 april	4:25	95	10:10	35	15:57	265	0.1	61.4	6.7	1.001673	26.5 W
13 april	4:24	95	10:11	36	16:00	266	0.1	62.7	6.6	1.016004	26.1 W
14 april	4:23	94	10:13	36	16:04	267	0.1	64.0	6.5	1.030263	25.8 W

2026	Opkomst		Culminatie		Ondergang		Magnitude	Fase	Diameter (^{''})	Afstand (AE)	Elongatie (°)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)					
15 april	4:21	93	10:14	37	16:08	267	0.0	65.3	6.4	1.044443	25.4 W
16 april	4:20	92	10:15	38	16:12	268	0.0	66.6	6.4	1.058536	24.9 W
17 april	4:19	91	10:17	38	16:16	269	0.0	67.9	6.3	1.072533	24.5 W
18 april	4:17	90	10:18	39	16:21	270	−0.1	69.1	6.2	1.086425	24.0 W
19 april	4:16	89	10:20	39	16:25	271	−0.1	70.4	6.1	1.100201	23.4 W
20 april	4:14	88	10:21	40	16:30	272	−0.2	71.7	6.0	1.113849	22.9 W
21 april	4:13	87	10:23	41	16:35	273	−0.2	73.0	6.0	1.127357	22.3 W
22 april	4:12	86	10:25	41	16:40	274	−0.2	74.3	5.9	1.140709	21.7 W
23 april	4:10	85	10:27	42	16:46	275	−0.3	75.6	5.8	1.153889	21.0 W
24 april	4:09	84	10:29	43	16:51	276	−0.3	77.0	5.8	1.166876	20.4 W
25 april	4:08	83	10:32	43	16:57	277	−0.4	78.3	5.7	1.179649	19.7 W
26 april	4:07	82	10:34	44	17:03	279	−0.5	79.7	5.6	1.192182	18.9 W
27 april	4:05	81	10:36	45	17:09	280	−0.5	81.0	5.6	1.204447	18.2 W
28 april	4:04	80	10:39	46	17:16	281	−0.6	82.4	5.5	1.216412	17.4 W
29 april	4:03	78	10:42	46	17:22	282	−0.7	83.8	5.5	1.228041	16.5 W
30 april	4:02	77	10:44	47	17:29	283	−0.7	85.2	5.4	1.239293	15.7 W
1 mei	4:01	76	10:47	48	17:36	285	−0.8	86.6	5.4	1.250123	14.8 W
2 mei	3:60	75	10:50	49	17:43	286	−0.9	88.0	5.3	1.260481	13.9 W
3 mei	3:59	73	10:54	49	17:51	287	−1.0	89.4	5.3	1.270314	12.9 W
4 mei	3:58	72	10:57	50	17:58	289	−1.1	90.7	5.3	1.279560	12.0 W
5 mei	3:57	71	11:00	51	18:06	290	−1.1	92.1	5.2	1.288154	10.9 W
6 mei	3:57	70	11:04	52	18:14	291	−1.2	93.4	5.2	1.296029	9.9 W
7 mei	3:56	68	11:08	53	18:22	293	−1.3	94.6	5.2	1.303108	8.8 W
8 mei	3:55	67	11:12	53	18:31	294	−1.4	95.8	5.1	1.309316	7.8 W
9 mei	3:55	66	11:16	54	18:39	295	−1.6	96.8	5.1	1.314571	6.6 W
10 mei	3:55	64	11:20	55	18:48	297	−1.7	97.8	5.1	1.318794	5.5 W
11 mei	3:55	63	11:24	56	18:57	298	−1.8	98.6	5.1	1.321905	4.3 W
12 mei	3:55	62	11:29	57	19:06	299	−2.0	99.2	5.1	1.323825	3.1 W
13 mei	3:55	60	11:33	57	19:15	301	−2.2	99.7	5.1	1.324485	1.9 W
14 mei	3:55	59	11:38	58	19:24	302	−2.4	100.0	5.1	1.323821	0.7 W
15 mei	3:55	58	11:43	59	19:33	303	−2.4	100.0	5.1	1.321782	0.5 O
16 mei	3:56	57	11:48	59	19:43	304	−2.2	99.8	5.1	1.318330	1.8 O
17 mei	3:57	55	11:53	60	19:52	305	−2.1	99.3	5.1	1.313443	3.0 O
18 mei	3:58	54	11:58	61	20:01	307	−1.9	98.5	5.1	1.307118	4.2 O
19 mei	3:59	53	12:03	61	20:10	308	−1.8	97.5	5.2	1.299371	5.4 O
20 mei	4:01	52	12:08	62	20:18	309	−1.7	96.3	5.2	1.290235	6.6 O
21 mei	4:02	51	12:13	62	20:27	309	−1.6	94.8	5.3	1.279764	7.8 O
22 mei	4:04	50	12:18	63	20:35	310	−1.5	93.1	5.3	1.268026	9.0 O
23 mei	4:06	49	12:23	63	20:43	311	−1.4	91.2	5.4	1.255103	10.1 O
24 mei	4:08	49	12:28	63	20:50	312	−1.3	89.1	5.4	1.241089	11.3 O
25 mei	4:11	48	12:33	64	20:57	312	−1.2	86.9	5.5	1.226084	12.3 O
26 mei	4:13	48	12:38	64	21:04	313	−1.1	84.6	5.6	1.210194	13.4 O
27 mei	4:16	47	12:43	64	21:10	313	−1.0	82.2	5.6	1.193526	14.4 O
28 mei	4:19	47	12:47	64	21:16	314	−0.9	79.8	5.7	1.176184	15.3 O
29 mei	4:22	46	12:51	65	21:21	314	−0.8	77.4	5.8	1.158272	16.3 O
30 mei	4:26	46	12:55	65	21:25	314	−0.7	74.9	5.9	1.139886	17.1 O
31 mei	4:29	46	12:59	65	21:30	314	−0.6	72.4	6.0	1.121119	18.0 O
1 juni	4:32	46	13:03	65	21:33	314	−0.5	70.0	6.1	1.102056	18.7 O
2 juni	4:36	46	13:06	65	21:37	314	−0.5	67.6	6.2	1.082774	19.5 O
3 juni	4:39	46	13:10	65	21:39	314	−0.4	65.2	6.3	1.063345	20.2 O
4 juni	4:43	46	13:13	65	21:42	314	−0.3	62.8	6.4	1.043832	20.8 O
5 juni	4:47	46	13:15	65	21:43	314	−0.2	60.5	6.6	1.024294	21.4 O

2026	Opkomst		Culminatie		Ondergang		Magnitude	Fase	Diameter (^{''})	Afstand (AE)	Elongatie (°)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)					
6 juni	4:50	47	13:18	64	21:45	313	−0.1	58.3	6.7	1.004782	21.9 O
7 juni	4:54	47	13:20	64	21:46	313	−0.1	56.1	6.8	0.985342	22.4 O
8 juni	4:57	47	13:22	64	21:47	313	0.0	53.9	7.0	0.966015	22.9 O
9 juni	5:01	48	13:24	64	21:47	312	0.1	51.8	7.1	0.946838	23.2 O
10 juni	5:04	48	13:26	64	21:47	312	0.2	49.7	7.3	0.927844	23.6 O
11 juni	5:07	48	13:27	63	21:46	311	0.2	47.7	7.4	0.909063	23.9 O
12 juni	5:10	49	13:28	63	21:45	311	0.3	45.6	7.6	0.890522	24.1 O
13 juni	5:13	49	13:29	63	21:44	310	0.3	43.7	7.7	0.872244	24.3 O
14 juni	5:15	50	13:30	63	21:42	310	0.4	41.7	7.9	0.854253	24.4 O
15 juni	5:18	50	13:30	62	21:41	309	0.5	39.8	8.0	0.836572	24.5 O
16 juni	5:20	51	13:30	62	21:38	309	0.5	37.9	8.2	0.819219	24.5 O
17 juni	5:22	52	13:30	62	21:36	308	0.6	36.0	8.4	0.802216	24.5 O
18 juni	5:24	52	13:29	61	21:33	307	0.7	34.2	8.6	0.785584	24.4 O
19 juni	5:25	53	13:28	61	21:30	307	0.7	32.4	8.7	0.769342	24.2 O
20 juni	5:26	53	13:27	61	21:27	306	0.8	30.5	8.9	0.753512	24.0 O
21 juni	5:27	54	13:26	60	21:23	306	0.9	28.7	9.1	0.738116	23.7 O
22 juni	5:28	55	13:24	60	21:19	305	1.0	26.9	9.3	0.723177	23.4 O
23 juni	5:28	55	13:22	60	21:15	304	1.1	25.2	9.5	0.708719	23.0 O
24 juni	5:28	56	13:20	59	21:11	304	1.2	23.4	9.7	0.694769	22.5 O
25 juni	5:27	56	13:17	59	21:06	303	1.3	21.6	9.9	0.681354	21.9 O
26 juni	5:26	57	13:14	59	21:01	303	1.4	19.9	10.1	0.668504	21.3 O
27 juni	5:25	57	13:11	59	20:56	302	1.5	18.2	10.3	0.656249	20.6 O
28 juni	5:23	58	13:07	58	20:50	302	1.7	16.5	10.4	0.644624	19.9 O
29 juni	5:21	58	13:03	58	20:45	301	1.8	14.9	10.6	0.633664	19.0 O
30 juni	5:18	59	12:59	58	20:39	301	2.0	13.3	10.8	0.623407	18.1 O
1 juli	5:15	59	12:55	58	20:33	301	2.2	11.7	11.0	0.613891	17.2 O
2 juli	5:12	60	12:50	57	20:27	300	2.4	10.2	11.1	0.605160	16.1 O
3 juli	5:08	60	12:45	57	20:20	300	2.7	8.8	11.3	0.597254	15.0 O
4 juli	5:04	60	12:39	57	20:14	299	3.0	7.4	11.4	0.590218	13.9 O
5 juli	4:59	61	12:34	57	20:07	299	3.2	6.2	11.5	0.584096	12.7 O
6 juli	4:54	61	12:28	57	20:00	299	3.6	5.0	11.6	0.578933	11.5 O
7 juli	4:49	61	12:22	56	19:53	299	3.9	4.0	11.7	0.574771	10.2 O
8 juli	4:44	61	12:15	56	19:47	299	4.3	3.0	11.8	0.571654	9.0 O
9 juli	4:38	61	12:09	56	19:40	299	4.6	2.3	11.8	0.569621	7.7 O
10 juli	4:31	62	12:02	56	19:33	298	5.0	1.7	11.8	0.568710	6.6 O
11 juli	4:25	62	11:56	56	19:26	298	5.3	1.2	11.8	0.568955	5.7 O
12 juli	4:18	62	11:49	56	19:20	298	5.5	1.0	11.8	0.570386	5.0 O
13 juli	4:12	62	11:42	56	19:13	298	5.6	0.9	11.7	0.573028	4.8 W
14 juli	4:05	61	11:36	56	19:07	299	5.4	1.0	11.7	0.576902	5.1 W
15 juli	3:58	61	11:29	56	19:01	299	5.2	1.4	11.6	0.582021	5.8 W
16 juli	3:51	61	11:23	56	18:55	299	4.8	1.9	11.4	0.588396	6.7 W
17 juli	3:45	61	11:17	57	18:50	299	4.4	2.6	11.3	0.596029	7.8 W
18 juli	3:38	61	11:11	57	18:45	299	4.0	3.5	11.1	0.604918	9.0 W
19 juli	3:31	61	11:06	57	18:40	300	3.6	4.7	10.9	0.615056	10.2 W
20 juli	3:25	60	11:00	57	18:36	300	3.2	6.0	10.7	0.626429	11.3 W
21 juli	3:19	60	10:55	57	18:32	300	2.9	7.5	10.5	0.639021	12.4 W
22 juli	3:13	60	10:51	57	18:29	300	2.5	9.1	10.3	0.652807	13.5 W
23 juli	3:08	59	10:47	58	18:26	301	2.2	11.0	10.1	0.667761	14.5 W
24 juli	3:03	59	10:43	58	18:23	301	1.9	13.0	9.8	0.683852	15.4 W
25 juli	2:58	59	10:39	58	18:21	301	1.6	15.2	9.6	0.701044	16.2 W
26 juli	2:54	58	10:36	58	18:20	302	1.4	17.5	9.4	0.719298	16.9 W
27 juli	2:50	58	10:34	58	18:18	302	1.2	20.0	9.1	0.738569	17.6 W

2026	Opkomst		Culminatie		Ondergang		Magnitude	Fase	Diameter (^{''})	Afstand (AE)	Elongatie (°)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)					
28 juli	2:46	58	10:31	58	18:17	302	1.0	22.7	8.9	0.758808	18.1 W
29 juli	2:43	57	10:30	59	18:17	303	0.8	25.4	8.6	0.779963	18.6 W
30 juli	2:41	57	10:28	59	18:17	303	0.6	28.4	8.4	0.801975	18.9 W
31 juli	2:39	57	10:28	59	18:17	303	0.5	31.4	8.2	0.824777	19.2 W
1 augustus	2:37	57	10:27	59	18:18	304	0.3	34.6	7.9	0.848299	19.4 W
2 augustus	2:36	56	10:27	59	18:19	304	0.2	37.9	7.7	0.872460	19.5 W
3 augustus	2:36	56	10:28	59	18:20	304	0.1	41.3	7.5	0.897174	19.4 W
4 augustus	2:36	56	10:28	59	18:21	304	−0.1	44.8	7.3	0.922343	19.3 W
5 augustus	2:37	56	10:30	60	18:23	304	−0.2	48.4	7.1	0.947862	19.1 W
6 augustus	2:38	56	10:31	60	18:24	304	−0.3	52.1	6.9	0.973616	18.9 W
7 augustus	2:40	56	10:33	60	18:26	304	−0.4	55.8	6.7	0.999481	18.5 W
8 augustus	2:42	56	10:35	59	18:28	304	−0.5	59.5	6.6	1.025326	18.0 W
9 augustus	2:45	56	10:38	59	18:30	304	−0.6	63.3	6.4	1.051011	17.5 W
10 augustus	2:49	56	10:41	59	18:32	304	−0.7	67.0	6.3	1.076393	16.9 W
11 augustus	2:53	57	10:44	59	18:34	303	−0.9	70.6	6.1	1.101326	16.2 W
12 augustus	2:57	57	10:47	59	18:36	303	−1.0	74.1	6.0	1.125667	15.5 W
13 augustus	3:02	57	10:51	59	18:38	302	−1.1	77.5	5.9	1.149275	14.7 W
14 augustus	3:08	58	10:55	58	18:40	302	−1.1	80.6	5.7	1.172019	13.9 W
15 augustus	3:14	58	10:59	58	18:42	301	−1.2	83.6	5.6	1.193780	13.0 W
16 augustus	3:20	59	11:03	58	18:43	300	−1.3	86.3	5.5	1.214452	12.1 W
17 augustus	3:27	60	11:07	57	18:45	300	−1.4	88.8	5.5	1.233949	11.1 W
18 augustus	3:34	61	11:11	57	18:46	299	−1.4	91.0	5.4	1.252201	10.1 W
19 augustus	3:41	62	11:15	56	18:47	298	−1.5	93.0	5.3	1.269160	9.1 W
20 augustus	3:48	63	11:19	56	18:48	297	−1.5	94.6	5.2	1.284795	8.1 W
21 augustus	3:56	64	11:23	55	18:48	296	−1.6	96.0	5.2	1.299096	7.1 W
22 augustus	4:03	65	11:27	54	18:49	295	−1.7	97.2	5.1	1.312067	6.1 W
23 augustus	4:11	66	11:31	54	18:49	294	−1.7	98.1	5.1	1.323727	5.1 W
24 augustus	4:18	67	11:35	53	18:49	293	−1.8	98.8	5.0	1.334107	4.2 W
25 augustus	4:26	68	11:39	52	18:49	291	−1.8	99.3	5.0	1.343246	3.3 W
26 augustus	4:33	69	11:42	52	18:49	290	−1.9	99.6	5.0	1.351191	2.5 W
27 augustus	4:41	70	11:46	51	18:48	289	−1.9	99.8	5.0	1.357993	1.9 W
28 augustus	4:48	71	11:49	50	18:48	288	−1.9	99.8	4.9	1.363708	1.8 O
29 augustus	4:56	73	11:53	49	18:47	287	−1.8	99.7	4.9	1.368389	2.1 O
30 augustus	5:03	74	11:56	49	18:47	285	−1.7	99.5	4.9	1.372093	2.8 O
31 augustus	5:10	75	11:59	48	18:46	284	−1.6	99.3	4.9	1.374872	3.6 O
1 september	5:17	76	12:02	47	18:45	283	−1.5	98.9	4.9	1.376779	4.4 O
2 september	5:24	78	12:05	46	18:44	282	−1.4	98.5	4.9	1.377864	5.2 O
3 september	5:31	79	12:08	46	18:42	280	−1.3	98.1	4.9	1.378173	6.1 O
4 september	5:38	80	12:10	45	18:41	279	−1.2	97.6	4.9	1.377749	6.9 O
5 september	5:44	81	12:13	44	18:40	278	−1.1	97.1	4.9	1.376632	7.7 O
6 september	5:51	83	12:15	43	18:38	277	−1.0	96.5	4.9	1.374860	8.5 O
7 september	5:57	84	12:18	42	18:37	275	−0.9	95.9	4.9	1.372467	9.3 O
8 september	6:03	85	12:20	42	18:35	274	−0.9	95.3	4.9	1.369483	10.1 O
9 september	6:09	86	12:22	41	18:34	273	−0.8	94.7	4.9	1.365937	10.8 O
10 september	6:15	88	12:25	40	18:32	272	−0.7	94.0	4.9	1.361853	11.6 O
11 september	6:21	89	12:27	39	18:30	270	−0.7	93.4	5.0	1.357254	12.3 O
12 september	6:27	90	12:29	38	18:28	269	−0.6	92.7	5.0	1.352161	13.0 O
13 september	6:33	91	12:31	38	18:27	268	−0.6	92.0	5.0	1.346592	13.6 O
14 september	6:38	93	12:32	37	18:25	267	−0.5	91.4	5.0	1.340562	14.3 O
15 september	6:44	94	12:34	36	18:23	266	−0.5	90.7	5.0	1.334087	14.9 O
16 september	6:49	95	12:36	35	18:21	264	−0.5	89.9	5.1	1.327178	15.6 O
17 september	6:54	96	12:38	35	18:19	263	−0.4	89.2	5.1	1.319845	16.2 O

	Opkomst		Culminatie		Ondergang						Elongatie (°)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Magnitude	Fase	Diameter (")	Afstand (AE)	
2026											
18 september	6:60	97	12:39	34	18:17	262	−0.4	88.5	5.1	1.312099	16.8 O
19 september	7:05	98	12:41	33	18:15	261	−0.4	87.8	5.2	1.303946	17.4 O
20 september	7:10	100	12:42	33	18:13	260	−0.3	87.0	5.2	1.295394	17.9 O
21 september	7:15	101	12:44	32	18:11	259	−0.3	86.2	5.2	1.286447	18.5 O
22 september	7:20	102	12:45	31	18:09	258	−0.3	85.4	5.3	1.277111	19.0 O
23 september	7:25	103	12:47	31	18:07	257	−0.2	84.6	5.3	1.267387	19.5 O
24 september	7:29	104	12:48	30	18:05	256	−0.2	83.8	5.4	1.257279	20.0 O
25 september	7:34	105	12:49	29	18:03	255	−0.2	83.0	5.4	1.246789	20.5 O
26 september	7:39	106	12:50	29	18:01	254	−0.2	82.1	5.4	1.235917	20.9 O
27 september	7:43	107	12:52	28	17:59	253	−0.2	81.2	5.5	1.224665	21.3 O
28 september	7:48	108	12:53	27	17:57	252	−0.1	80.3	5.5	1.213031	21.8 O
29 september	7:52	109	12:54	27	17:54	251	−0.1	79.3	5.6	1.201015	22.2 O
30 september	7:56	110	12:55	26	17:52	250	−0.1	78.3	5.7	1.188618	22.5 O
1 oktober	8:00	111	12:56	26	17:50	249	−0.1	77.3	5.7	1.175837	22.9 O
2 oktober	8:04	112	12:57	25	17:48	248	−0.1	76.2	5.8	1.162673	23.2 O
3 oktober	8:08	113	12:58	24	17:46	247	−0.1	75.1	5.9	1.149123	23.6 O
4 oktober	8:12	114	12:58	24	17:44	246	−0.1	73.9	5.9	1.135187	23.9 O
5 oktober	8:15	115	12:59	23	17:42	245	−0.1	72.7	6.0	1.120866	24.1 O
6 oktober	8:19	115	12:60	23	17:40	244	0.0	71.4	6.1	1.106158	24.4 O
7 oktober	8:22	116	13:00	22	17:37	243	0.0	70.1	6.2	1.091066	24.6 O
8 oktober	8:25	117	13:01	22	17:35	243	0.0	68.6	6.3	1.075593	24.8 O
9 oktober	8:28	118	13:01	22	17:33	242	0.0	67.2	6.3	1.059742	24.9 O
10 oktober	8:31	119	13:01	21	17:31	241	0.0	65.6	6.4	1.043519	25.0 O
11 oktober	8:34	119	13:02	21	17:29	241	0.0	63.9	6.6	1.026932	25.1 O
12 oktober	8:36	120	13:01	20	17:26	240	0.0	62.2	6.7	1.009993	25.2 O
13 oktober	8:38	120	13:01	20	17:24	239	0.0	60.3	6.8	0.992717	25.2 O
14 oktober	8:39	121	13:01	20	17:22	239	0.0	58.4	6.9	0.975122	25.1 O
15 oktober	8:41	122	13:00	19	17:19	238	0.1	56.3	7.0	0.957232	25.0 O
16 oktober	8:42	122	12:60	19	17:17	238	0.1	54.1	7.2	0.939077	24.8 O
17 oktober	8:42	123	12:59	19	17:14	237	0.1	51.7	7.3	0.920693	24.6 O
18 oktober	8:42	123	12:57	19	17:12	237	0.1	49.3	7.5	0.902126	24.3 O
19 oktober	8:42	123	12:56	19	17:09	237	0.2	46.7	7.6	0.883429	23.9 O
20 oktober	8:41	123	12:54	18	17:06	237	0.2	43.9	7.8	0.864668	23.5 O
21 oktober	8:39	124	12:51	18	17:04	236	0.2	41.0	8.0	0.845923	22.9 O
22 oktober	8:36	124	12:49	18	17:01	236	0.3	37.9	8.1	0.827287	22.3 O
23 oktober	8:33	124	12:45	18	16:57	236	0.4	34.7	8.3	0.808870	21.5 O
24 oktober	8:29	124	12:42	18	16:54	237	0.5	31.4	8.5	0.790803	20.6 O
25 oktober	8:24	123	12:37	18	16:51	237	0.6	27.9	8.7	0.773237	19.6 O
26 oktober	8:19	123	12:33	19	16:47	237	0.8	24.4	8.9	0.756346	18.4 O
27 oktober	8:12	123	12:27	19	16:43	238	1.0	20.8	9.1	0.740325	17.1 O
28 oktober	8:04	122	12:21	19	16:39	238	1.2	17.3	9.3	0.725396	15.6 O
29 oktober	7:56	121	12:15	20	16:35	239	1.6	13.8	9.5	0.711799	14.0 O
30 oktober	7:46	121	12:08	20	16:31	240	2.0	10.5	9.6	0.699794	12.2 O
31 oktober	7:35	120	12:00	21	16:26	241	2.6	7.5	9.8	0.689649	10.3 O
1 november	7:24	119	11:52	21	16:22	242	3.3	4.8	9.9	0.681636	8.2 O
2 november	7:12	118	11:44	22	16:17	243	4.1	2.6	10.0	0.676013	6.1 O
3 november	6:60	116	11:35	23	16:13	244	5.1	1.0	10.0	0.673014	3.8 O
4 november	6:47	115	11:27	23	16:08	245	6.2	0.2	10.0	0.672831	1.5 O
5 november	6:34	114	11:18	24	16:04	246	6.5	0.1	10.0	0.675599	1.0 W
6 november	6:22	113	11:10	25	15:59	248	5.3	0.8	9.9	0.681381	3.2 W
7 november	6:10	112	11:02	25	15:55	249	4.2	2.3	9.7	0.690167	5.4 W
8 november	5:59	111	10:54	26	15:51	250	3.2	4.6	9.6	0.701866	7.6 W
9 november	5:49	110	10:47	27	15:47	251	2.4	7.7	9.4	0.716314	9.5 W

	Opkomst		Culminatie		Ondergang						Elongatie (°)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Magnitude	Fase	Diameter (")	Afstand (AE)	
2026											
10 november	5:40	109	10:41	27	15:43	251	1.8	11.3	9.2	0.733282	11.4 W
11 november	5:32	108	10:35	27	15:39	252	1.2	15.5	8.9	0.752494	13.0 W
12 november	5:25	108	10:30	28	15:36	252	0.8	20.0	8.7	0.773640	14.4 W
13 november	5:20	107	10:26	28	15:33	253	0.5	24.7	8.4	0.796393	15.7 W
14 november	5:15	107	10:23	28	15:30	253	0.3	29.6	8.2	0.820425	16.7 W
15 november	5:12	107	10:20	28	15:27	253	0.1	34.4	8.0	0.845417	17.6 W
16 november	5:10	107	10:17	28	15:24	253	−0.1	39.2	7.7	0.871072	18.3 W
17 november	5:09	107	10:16	28	15:22	252	−0.2	43.9	7.5	0.897118	18.8 W
18 november	5:08	108	10:14	28	15:20	252	−0.3	48.4	7.3	0.923315	19.2 W
19 november	5:09	108	10:13	27	15:18	252	−0.4	52.6	7.1	0.949453	19.4 W
20 november	5:10	109	10:13	27	15:15	251	−0.4	56.6	6.9	0.975353	19.6 W
21 november	5:11	109	10:13	27	15:14	251	−0.5	60.3	6.7	1.000869	19.6 W
22 november	5:13	110	10:13	26	15:12	250	−0.5	63.8	6.6	1.025879	19.6 W
23 november	5:16	110	10:14	26	15:10	249	−0.6	67.0	6.4	1.050287	19.5 W
24 november	5:19	111	10:14	26	15:09	249	−0.6	70.0	6.3	1.074020	19.3 W
25 november	5:22	112	10:15	25	15:07	248	−0.6	72.7	6.1	1.097020	19.0 W
26 november	5:26	113	10:16	25	15:06	247	−0.6	75.1	6.0	1.119248	18.7 W
27 november	5:30	113	10:18	24	15:04	246	−0.7	77.4	5.9	1.140675	18.4 W
28 november	5:34	114	10:19	24	15:03	246	−0.7	79.5	5.8	1.161285	18.1 W
29 november	5:38	115	10:21	23	15:02	245	−0.7	81.4	5.7	1.181069	17.7 W
30 november	5:42	116	10:22	23	15:01	244	−0.7	83.1	5.6	1.200026	17.3 W
1 december	5:47	117	10:24	22	15:00	243	−0.7	84.6	5.5	1.218158	16.8 W
2 december	5:51	117	10:26	22	14:59	242	−0.7	86.1	5.4	1.235474	16.4 W
3 december	5:56	118	10:28	21	14:59	241	−0.7	87.4	5.4	1.251984	15.9 W
4 december	6:01	119	10:30	21	14:58	241	−0.7	88.6	5.3	1.267702	15.4 W
5 december	6:06	120	10:32	20	14:57	240	−0.7	89.6	5.2	1.282642	14.9 W
6 december	6:11	121	10:34	20	14:57	239	−0.7	90.6	5.2	1.296821	14.4 W
7 december	6:15	121	10:36	20	14:57	238	−0.7	91.5	5.1	1.310253	13.9 W
8 december	6:20	122	10:39	19	14:56	238	−0.7	92.4	5.1	1.322955	13.4 W
9 december	6:25	123	10:41	19	14:56	237	−0.7	93.1	5.0	1.334944	12.9 W
10 december	6:30	123	10:44	18	14:56	236	−0.7	93.8	5.0	1.346236	12.4 W
11 december	6:35	124	10:46	18	14:56	236	−0.7	94.4	5.0	1.356846	11.9 W
12 december	6:40	125	10:49	18	14:57	235	−0.7	95.0	4.9	1.366789	11.4 W
13 december	6:44	125	10:51	17	14:57	234	−0.7	95.6	4.9	1.376079	10.8 W
14 december	6:49	126	10:54	17	14:58	234	−0.7	96.0	4.9	1.384729	10.3 W
15 december	6:54	127	10:56	17	14:58	233	−0.7	96.5	4.8	1.392752	9.8 W
16 december	6:58	127	10:59	16	14:59	233	−0.7	96.9	4.8	1.400159	9.3 W
17 december	7:03	128	11:02	16	14:60	232	−0.8	97.3	4.8	1.406961	8.7 W
18 december	7:07	128	11:04	16	15:01	232	−0.8	97.6	4.8	1.413168	8.2 W
19 december	7:12	129	11:07	16	15:02	231	−0.8	97.9	4.7	1.418787	7.7 W
20 december	7:16	129	11:10	15	15:04	231	−0.8	98.2	4.7	1.423827	7.2 W
21 december	7:20	129	11:13	15	15:05	231	−0.9	98.5	4.7	1.428295	6.6 W
22 december	7:24	130	11:16	15	15:07	230	−0.9	98.7	4.7	1.432196	6.1 W
23 december	7:28	130	11:19	15	15:09	230	−0.9	98.9	4.7	1.435534	5.6 W
24 december	7:32	130	11:22	15	15:11	230	−1.0	99.1	4.7	1.438312	5.1 W
25 december	7:36	130	11:25	15	15:13	230	−1.0	99.3	4.7	1.440534	4.5 W
26 december	7:39	131	11:28	15	15:16	229	−1.0	99.4	4.7	1.442200	4.0 W
27 december	7:43	131	11:31	14	15:18	229	−1.1	99.6	4.7	1.443310	3.5 W
28 december	7:46	131	11:34	14	15:21	229	−1.1	99.7	4.7	1.443862	3.1 W
29 december	7:49	131	11:37	14	15:24	229	−1.2	99.8	4.7	1.443854	2.6 W
30 december	7:53	131	11:40	14	15:27	229	−1.2	99.8	4.7	1.443283	2.2 W
31 december	7:55	131	11:43	14	15:30	229	−1.3	99.9	4.7	1.442144	1.9 W

Venus

2026	Opkomst		Culminatie		Ondergang					Afstand (AE)	Elongatie (°)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Magnitude	Fase	Diameter (")		
1 januari	7:45	128	11:41	16	15:37	232	−3.9	100.0	9.8	1.709952	1.5 W
2 januari	7:46	128	11:42	16	15:39	232	−3.9	100.0	9.8	1.710209	1.2 W
3 januari	7:47	128	11:44	16	15:41	232	−3.9	100.0	9.8	1.710429	1.1 W
4 januari	7:48	128	11:46	16	15:43	232	−3.9	100.0	9.8	1.710610	0.9 W
5 januari	7:49	128	11:47	16	15:45	232	−3.9	100.0	9.8	1.710754	0.8 W
6 januari	7:50	128	11:49	16	15:47	232	−3.9	100.0	9.8	1.710860	0.7 W
7 januari	7:51	127	11:50	16	15:50	233	−3.9	100.0	9.8	1.710928	0.7 O
8 januari	7:51	127	11:52	16	15:52	233	−3.9	100.0	9.8	1.710958	0.8 O
9 januari	7:52	127	11:53	16	15:54	233	−3.9	100.0	9.8	1.710949	1.0 O
10 januari	7:52	127	11:55	17	15:57	233	−3.9	100.0	9.8	1.710902	1.1 O
11 januari	7:53	126	11:56	17		234	−3.9	100.0	9.8	1.710816	1.3 O
12 januari	7:53	126	11:57	17	16:02	234	−3.9	100.0	9.8	1.710690	1.5 O
13 januari	7:53	126	11:59	17	16:05	234	−3.9	100.0	9.8	1.710525	1.8 O
14 januari	7:53	125	12:00	17	16:08	235	−3.9	99.9	9.8	1.710321	2.0 O
15 januari	7:53	125	12:02	18	16:10	235	−3.9	99.9	9.8	1.710077	2.2 O
16 januari	7:53	125	12:03	18	16:13	236	−3.9	99.9	9.8	1.709793	2.4 O
17 januari	7:53	124	12:04	18	16:16	236	−3.9	99.9	9.8	1.709469	2.7 O
18 januari	7:53	124	12:06	18	16:19	236	−3.9	99.9	9.8	1.709104	2.9 O
19 januari	7:53	123	12:07	19	16:22	237	−3.9	99.9	9.8	1.708699	3.1 O
20 januari	7:52	123	12:08	19	16:25	237	−3.9	99.8	9.8	1.708254	3.4 O
21 januari	7:52	122	12:10	19	16:28	238	−3.9	99.8	9.8	1.707768	3.6 O
22 januari	7:52	122	12:11	19	16:31	238	−3.9	99.8	9.8	1.707241	3.8 O
23 januari	7:51	121	12:12	20	16:34	239	−3.9	99.8	9.8	1.706674	4.1 O
24 januari	7:50	121	12:13	20	16:37	239	−3.9	99.7	9.8	1.706067	4.3 O
25 januari	7:50	120	12:15	20	16:40	240	−3.9	99.7	9.8	1.705420	4.5 O
26 januari	7:49	120	12:16	21	16:43	241	−3.9	99.7	9.8	1.704732	4.8 O
27 januari	7:48	119	12:17	21	16:46	241	−3.9	99.6	9.8	1.704004	5.0 O
28 januari	7:47	118	12:18	21	16:50	242	−3.9	99.6	9.8	1.703237	5.3 O
29 januari	7:46	118	12:19	22	16:53	242	−3.9	99.6	9.8	1.702431	5.5 O
30 januari	7:46	117	12:20	22	16:56	243	−3.9	99.5	9.8	1.701586	5.7 O
31 januari	7:45	117	12:21	22	16:59	244	−3.9	99.5	9.8	1.700701	6.0 O
1 februari	7:43	116	12:22	23	17:02	244	−3.9	99.5	9.8	1.699778	6.2 O
2 februari	7:42	115	12:23	23	17:05	245	−3.9	99.4	9.8	1.698816	6.4 O
3 februari	7:41	115	12:24	24	17:09	246	−3.9	99.4	9.8	1.697816	6.7 O
4 februari	7:40	114	12:25	24	17:12	246	−3.9	99.3	9.8	1.696776	6.9 O
5 februari	7:39	113	12:26	24	17:15	247	−3.9	99.3	9.8	1.695697	7.2 O
6 februari	7:37	113	12:27	25	17:18	248	−3.9	99.2	9.8	1.694578	7.4 O
7 februari	7:36	112	12:28	25	17:22	248	−3.9	99.2	9.9	1.693420	7.6 O
8 februari	7:35	111	12:29	26	17:25	249	−3.9	99.1	9.9	1.692222	7.9 O
9 februari	7:33	111	12:30	26	17:28	250	−3.9	99.1	9.9	1.690983	8.1 O
10 februari	7:32	110	12:31	26	17:31	250	−3.9	99.0	9.9	1.689703	8.3 O
11 februari	7:30	109	12:32	27	17:34	251	−3.9	99.0	9.9	1.688382	8.6 O
12 februari	7:29	108	12:33	27	17:38	252	−3.9	98.9	9.9	1.687020	8.8 O
13 februari	7:27	108	12:34	28	17:41	253	−3.9	98.8	9.9	1.685615	9.1 O
14 februari	7:26	107	12:34	28	17:44	253	−3.9	98.8	9.9	1.684168	9.3 O
15 februari	7:24	106	12:35	29	17:47	254	−3.9	98.7	9.9	1.682679	9.5 O
16 februari	7:23	105	12:36	29	17:50	255	−3.9	98.7	9.9	1.681146	9.8 O
17 februari	7:21	105	12:37	30	17:54	256	−3.9	98.6	9.9	1.679570	10.0 O
18 februari	7:19	104	12:37	30	17:57	256	−3.9	98.5	9.9	1.677951	10.2 O
19 februari	7:18	103	12:38	31		257	−3.9	98.4	10.0	1.676287	10.5 O
20 februari	7:16	102	12:39	31	18:03	258	−3.9	98.4	10.0	1.674580	10.7 O
21 februari	7:14	102	12:40	32	18:06	259	−3.9	98.3	10.0	1.672828	11.0 O

2026	Opkomst		Culminatie		Ondergang		Magnitude	Fase	Diameter (")	Afstand (AE)	Elongatie (°)
	UT (hrm)	Azimut (°)	UT (hrm)	Hoogte (°)	UT (hrm)	Azimut (°)					
22 februari	7:12	101	12:40	32	18:09	259	−3.9	98.2	10.0	1.671032	11.2 O
23 februari	7:11	100	12:41	33	18:13	260	−3.9	98.1	10.0	1.669192	11.4 O
24 februari	7:09	99	12:42	33	18:16	261	−3.9	98.1	10.0	1.667307	11.7 O
25 februari	7:07	99	12:42	34	18:19	262	−3.9	98.0	10.0	1.665378	11.9 O
26 februari	7:05	98	12:43	34	18:22	263	−3.9	97.9	10.0	1.663406	12.2 O
27 februari	7:03	97	12:44	35	18:25	263	−3.9	97.8	10.0	1.661389	12.4 O
28 februari	7:01	96	12:44	35	18:28	264	−3.9	97.7	10.1	1.659329	12.6 O
1 maart	6:60	95	12:45	36	18:31	265	−3.9	97.6	10.1	1.657225	12.9 O
2 maart	6:58	95	12:45	36	18:35	266	−3.9	97.5	10.1	1.655078	13.1 O
3 maart	6:56	94	12:46	37	18:38	267	−3.9	97.4	10.1	1.652886	13.4 O
4 maart	6:54	93	12:47	37	18:41	268	−3.9	97.4	10.1	1.650651	13.6 O
5 maart	6:52	92	12:47	38	18:44	268	−3.9	97.3	10.1	1.648373	13.8 O
6 maart	6:50	91	12:48	38	18:47	269	−3.9	97.2	10.1	1.646050	14.1 O
7 maart	6:48	90	12:48	39	18:50	270	−3.9	97.1	10.2	1.643682	14.3 O
8 maart	6:46	90	12:49	39	18:53	271	−3.9	96.9	10.2	1.641270	14.6 O
9 maart	6:44	89	12:50	40	18:56	272	−3.9	96.8	10.2	1.638813	14.8 O
10 maart	6:42	88	12:50	40		272	−3.9	96.7	10.2	1.636310	15.0 O
11 maart	6:40	87	12:51	41	19:03	273	−3.9	96.6	10.2	1.633762	15.3 O
12 maart	6:38	86	12:51	41	19:06	274	−3.9	96.5	10.2	1.631167	15.5 O
13 maart	6:36	86	12:52	42	19:09	275	−3.9	96.4	10.2	1.628526	15.8 O
14 maart	6:34	85	12:53	42	19:12	276	−3.9	96.3	10.3	1.625837	16.0 O
15 maart	6:32	84	12:53	43	19:15	276	−3.9	96.2	10.3	1.623101	16.2 O
16 maart	6:31	83	12:54	43	19:18	277	−3.9	96.0	10.3	1.620317	16.5 O
17 maart	6:29	82	12:54	44	19:21	278	−3.9	95.9	10.3	1.617485	16.7 O
18 maart	6:27	82	12:55	44	19:25	279	−3.9	95.8	10.3	1.614604	17.0 O
19 maart	6:25	81	12:56	45	19:28	280	−3.9	95.7	10.4	1.611674	17.2 O
20 maart	6:23	80	12:56	45	19:31	281	−3.9	95.5	10.4	1.608694	17.5 O
21 maart	6:21	79	12:57	46	19:34	281	−3.9	95.4	10.4	1.605664	17.7 O
22 maart	6:19	78	12:57	46	19:37	282	−3.9	95.3	10.4	1.602585	17.9 O
23 maart	6:17	77	12:58	47	19:40	283	−3.9	95.1	10.4	1.599455	18.2 O
24 maart	6:15	77	12:59	47	19:43	284	−3.9	95.0	10.5	1.596275	18.4 O
25 maart	6:13	76	12:59	48	19:47	285	−3.9	94.9	10.5	1.593045	18.7 O
26 maart	6:11	75	12:60	48	19:50	285	−3.9	94.7	10.5	1.589765	18.9 O
27 maart	6:10	74	13:01	49	19:53	286	−3.9	94.6	10.5	1.586436	19.2 O
28 maart	6:08	74	13:01	49	19:56	287	−3.9	94.4	10.5	1.583056	19.4 O
29 maart	6:06	73	13:02	50	19:59	288	−3.9	94.3	10.6	1.579627	19.6 O
30 maart	6:04	72	13:03	50	20:02	288	−3.9	94.1	10.6	1.576149	19.9 O
31 maart	6:02	71	13:03	51	20:06	289	−3.9	94.0	10.6	1.572622	20.1 O
1 april	6:01	70	13:04	51	20:09	290	−3.9	93.8	10.6	1.569045	20.4 O
2 april	5:59	70	13:05	52	20:12	291	−3.9	93.7	10.7	1.565420	20.6 O
3 april	5:57	69	13:06	52	20:15	291	−3.9	93.5	10.7	1.561745	20.9 O
4 april	5:56	68	13:06	52	20:18	292	−3.9	93.3	10.7	1.558021	21.1 O
5 april	5:54	67	13:07	53	20:22	293	−3.9	93.2	10.7	1.554247	21.3 O
6 april	5:52	67	13:08	53	20:25	294	−3.9	93.0	10.8	1.550424	21.6 O
7 april	5:51	66	13:09	54	20:28	294	−3.9	92.8	10.8	1.546551	21.8 O
8 april	5:49	65	13:09	54	20:31	295	−3.9	92.7	10.8	1.542629	22.1 O
9 april	5:48	65	13:10	55	20:35	296	−3.9	92.5	10.8	1.538656	22.3 O
10 april	5:46	64	13:11	55	20:38	297	−3.9	92.3	10.9	1.534633	22.6 O
11 april	5:45	63	13:12	55	20:41	297	−3.9	92.1	10.9	1.530559	22.8 O
12 april	5:43	63	13:13	56	20:44	298	−3.9	91.9	10.9	1.526435	23.0 O
13 april	5:42	62	13:14	56	20:47	299	−3.9	91.7	11.0	1.522259	23.3 O
14 april	5:40	61	13:15	57	20:51	299	−3.9	91.6	11.0	1.518032	23.5 O

2026	Opkomst		Culminatie		Ondergang		Magnitude	Fase	Diameter (")	Afstand (AE)	Elongatie (°)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)					
15 april	5:39	60	13:16	57	20:54	300	−3.9	91.4	11.0	1.513754	23.8 O
16 april	5:38	60	13:17	57	20:57	301	−3.9	91.2	11.1	1.509423	24.0 O
17 april	5:36	59	13:18	58	21:00	301	−3.9	91.0	11.1	1.505040	24.3 O
18 april	5:35	59	13:19	58	21:03	302	−3.9	90.8	11.1	1.500604	24.5 O
19 april	5:34	58	13:20	58	21:06	302	−3.9	90.6	11.2	1.496116	24.8 O
20 april	5:33	57	13:21	59	21:10	303	−3.9	90.4	11.2	1.491574	25.0 O
21 april	5:32	57	13:22	59	21:13	304	−3.9	90.2	11.2	1.486980	25.2 O
22 april	5:31	56	13:23	59	21:16	304	−3.9	90.0	11.3	1.482334	25.5 O
23 april	5:30	56	13:24	60	21:19	305	−3.9	89.8	11.3	1.477635	25.7 O
24 april	5:29	55	13:25	60	21:22	305	−3.9	89.5	11.3	1.472884	26.0 O
25 april	5:28	55	13:26	60	21:25	306	−3.9	89.3	11.4	1.468081	26.2 O
26 april	5:28	54	13:27	61	21:28	306	−3.9	89.1	11.4	1.463227	26.4 O
27 april	5:27	53	13:28	61	21:31	307	−3.9	88.9	11.4	1.458322	26.7 O
28 april	5:26	53	13:29	61	21:34	307	−3.9	88.7	11.5	1.453366	26.9 O
29 april	5:26	53	13:31	61	21:37	308	−3.9	88.4	11.5	1.448360	27.2 O
30 april	5:25	52	13:32	62	21:40	308	−3.9	88.2	11.6	1.443304	27.4 O
1 mei	5:25	52	13:33	62	21:42	309	−3.9	88.0	11.6	1.438198	27.7 O
2 mei	5:24	51	13:34	62	21:45	309	−3.9	87.7	11.6	1.433044	27.9 O
3 mei	5:24	51	13:35	62	21:48	309	−3.9	87.5	11.7	1.427840	28.1 O
4 mei	5:24	50	13:37	63	21:50	310	−3.9	87.3	11.7	1.422587	28.4 O
5 mei	5:24	50	13:38	63	21:53	310	−3.9	87.0	11.8	1.417285	28.6 O
6 mei	5:24	50	13:39	63	21:56	311	−3.9	86.8	11.8	1.411935	28.9 O
7 mei	5:24	49	13:41	63	21:58	311	−3.9	86.5	11.9	1.406537	29.1 O
8 mei	5:24	49	13:42	63	22:00	311	−3.9	86.3	11.9	1.401091	29.3 O
9 mei	5:24	49	13:43	63	22:03	311	−3.9	86.0	12.0	1.395596	29.6 O
10 mei	5:24	48	13:44	64	22:05	312	−3.9	85.8	12.0	1.390053	29.8 O
11 mei	5:25	48	13:46	64	22:07	312	−3.9	85.5	12.1	1.384463	30.1 O
12 mei	5:25	48	13:47	64	22:09	312	−3.9	85.3	12.1	1.378824	30.3 O
13 mei	5:26	48	13:48	64	22:11	312	−3.9	85.0	12.2	1.373138	30.5 O
14 mei	5:26	48	13:50	64	22:13	313	−3.9	84.7	12.2	1.367403	30.8 O
15 mei	5:27	47	13:51	64	22:15	313	−3.9	84.5	12.3	1.361621	31.0 O
16 mei	5:28	47	13:52	64	22:17	313	−3.9	84.2	12.3	1.355790	31.2 O
17 mei	5:29	47	13:54	64	22:19	313	−3.9	83.9	12.4	1.349911	31.5 O
18 mei	5:30	47	13:55	64	22:20	313	−3.9	83.7	12.4	1.343985	31.7 O
19 mei	5:31	47	13:56	64	22:22	313	−3.9	83.4	12.5	1.338010	31.9 O
20 mei	5:32	47	13:58	64	22:23	313	−3.9	83.1	12.5	1.331988	32.2 O
21 mei	5:33	47	13:59	64	22:25	313	−3.9	82.8	12.6	1.325918	32.4 O
22 mei	5:35	47	14:00	64	22:26	313	−3.9	82.5	12.6	1.319802	32.6 O
23 mei	5:36	47	14:02	64	22:27	313	−3.9	82.2	12.7	1.313640	32.9 O
24 mei	5:38	47	14:03	64	22:28	313	−3.9	81.9	12.8	1.307432	33.1 O
25 mei	5:39	47	14:04	64	22:29	313	−3.9	81.7	12.8	1.301180	33.3 O
26 mei	5:41	47	14:06	64	22:30	313	−3.9	81.4	12.9	1.294883	33.5 O
27 mei	5:42	47	14:07	64	22:31	313	−3.9	81.1	13.0	1.288543	33.8 O
28 mei	5:44	47	14:08	64	22:32	312	−3.9	80.8	13.0	1.282160	34.0 O
29 mei	5:46	48	14:09	64	22:32	312	−4.0	80.5	13.1	1.275734	34.2 O
30 mei	5:48	48	14:11	64	22:33	312	−4.0	80.2	13.1	1.269267	34.5 O
31 mei	5:50	48	14:12	64	22:33	312	−4.0	79.8	13.2	1.262759	34.7 O
1 juni	5:52	48	14:13	64	22:33	312	−4.0	79.5	13.3	1.256211	34.9 O
2 juni	5:54	48	14:14	63	22:34	311	−4.0	79.2	13.4	1.249623	35.1 O
3 juni	5:56	49	14:15	63	22:34	311	−4.0	78.9	13.4	1.242995	35.3 O
4 juni	5:59	49	14:17	63	22:34	311	−4.0	78.6	13.5	1.236329	35.6 O
5 juni	6:01	49	14:18	63	22:34	310	−4.0	78.3	13.6	1.229625	35.8 O

2026	Opkomst		Culminatie		Ondergang		Magnitude	Fase	Diameter (")	Afstand (AE)	Elongatie (°)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)					
6 juni	6:03	50	14:19	63	22:34	310	−4.0	78.0	13.6	1.222883	36.0 O
7 juni	6:06	50	14:20	63	22:33	310	−4.0	77.6	13.7	1.216103	36.2 O
8 juni	6:08	50	14:21	62	22:33	309	−4.0	77.3	13.8	1.209286	36.4 O
9 juni	6:11	51	14:22	62	22:33	309	−4.0	77.0	13.9	1.202433	36.7 O
10 juni	6:13	51	14:23	62	22:32	309	−4.0	76.6	14.0	1.195544	36.9 O
11 juni	6:16	52	14:24	62	22:32	308	−4.0	76.3	14.0	1.188618	37.1 O
12 juni	6:18	52	14:25	62	22:31	308	−4.0	76.0	14.1	1.181657	37.3 O
13 juni	6:21	52	14:26	61	22:30	307	−4.0	75.6	14.2	1.174659	37.5 O
14 juni	6:24	53	14:27	61	22:29	307	−4.0	75.3	14.3	1.167627	37.7 O
15 juni	6:26	53	14:28	61	22:29	306	−4.0	74.9	14.4	1.160559	37.9 O
16 juni	6:29	54	14:29	61	22:28	306	−4.0	74.6	14.5	1.153456	38.1 O
17 juni	6:32	54	14:30	60	22:27	305	−4.0	74.3	14.6	1.146319	38.3 O
18 juni	6:35	55	14:31	60	22:26	305	−4.0	73.9	14.6	1.139147	38.5 O
19 juni	6:37	55	14:32	60	22:24	304	−4.0	73.6	14.7	1.131941	38.7 O
20 juni	6:40	56	14:32	59	22:23	304	−4.0	73.2	14.8	1.124703	38.9 O
21 juni	6:43	57	14:33	59	22:22	303	−4.0	72.8	14.9	1.117432	39.1 O
22 juni	6:46	57	14:34	59	22:21	302	−4.0	72.5	15.0	1.110130	39.3 O
23 juni	6:48	58	14:35	58	22:19	302	−4.0	72.1	15.1	1.102797	39.5 O
24 juni	6:51	58	14:35	58	22:18	301	−4.0	71.8	15.2	1.095434	39.7 O
25 juni	6:54	59	14:36	58	22:16	301	−4.0	71.4	15.3	1.088042	39.9 O
26 juni	6:57	60	14:37	57	22:15	300	−4.0	71.0	15.4	1.080622	40.1 O
27 juni	6:60	60	14:37	57	22:13	299	−4.1	70.6	15.6	1.073175	40.3 O
28 juni	7:02	61	14:38	57	22:12	299	−4.1	70.3	15.7	1.065701	40.5 O
29 juni	7:05	61	14:38	56	22:10	298	−4.1	69.9	15.8	1.058201	40.7 O
30 juni	7:08	62	14:39	56	22:08	297	−4.1	69.5	15.9	1.050676	40.8 O
1 juli	7:11	63	14:39	55	22:07	297	−4.1	69.1	16.0	1.043127	41.0 O
2 juli	7:13	63	14:40	55	22:05	296	−4.1	68.7	16.1	1.035555	41.2 O
3 juli	7:16	64	14:40	55	22:03	295	−4.1	68.4	16.2	1.027960	41.4 O
4 juli	7:19	65	14:41	54	22:01	295	−4.1	68.0	16.4	1.020344	41.6 O
5 juli	7:22	66	14:41	54	21:59	294	−4.1	67.6	16.5	1.012705	41.7 O
6 juli	7:24	66	14:41	53	21:57	293	−4.1	67.2	16.6	1.005047	41.9 O
7 juli	7:27	67	14:42	53	21:55	293	−4.1	66.8	16.7	0.997368	42.1 O
8 juli	7:30	68	14:42	53	21:53	292	−4.1	66.4	16.9	0.989669	42.2 O
9 juli	7:32	68	14:42	52	21:51	291	−4.1	66.0	17.0	0.981951	42.4 O
10 juli	7:35	69	14:43	52	21:49	290	−4.1	65.6	17.1	0.974215	42.5 O
11 juli	7:38	70	14:43	51	21:47	290	−4.1	65.2	17.3	0.966460	42.7 O
12 juli	7:40	71	14:43	51	21:44	289	−4.1	64.8	17.4	0.958687	42.9 O
13 juli	7:43	71	14:43	50	21:42	288	−4.1	64.3	17.6	0.950896	43.0 O
14 juli	7:45	72	14:43	50	21:40	288	−4.1	63.9	17.7	0.943088	43.2 O
15 juli	7:48	73	14:43	49	21:38	287	−4.2	63.5	17.8	0.935262	43.3 O
16 juli	7:50	74	14:44	49	21:35	286	−4.2	63.1	18.0	0.927419	43.4 O
17 juli	7:53	74	14:44	48	21:33	285	−4.2	62.7	18.1	0.919560	43.6 O
18 juli	7:55	75	14:44	48	21:31	285	−4.2	62.2	18.3	0.911685	43.7 O
19 juli	7:58	76	14:44	48	21:28	284	−4.2	61.8	18.5	0.903796	43.9 O
20 juli	8:00	77	14:44	47	21:26	283	−4.2	61.4	18.6	0.895891	44.0 O
21 juli	8:03	77	14:44	47	21:24	282	−4.2	60.9	18.8	0.887974	44.1 O
22 juli	8:05	78	14:44	46	21:21	281	−4.2	60.5	19.0	0.880044	44.2 O
23 juli	8:07	79	14:44	46	21:19	281	−4.2	60.1	19.1	0.872102	44.4 O
24 juli	8:10	80	14:44	45	21:16	280	−4.2	59.6	19.3	0.864149	44.5 O
25 juli	8:12	80	14:43	45	21:14	279	−4.2	59.2	19.5	0.856186	44.6 O
26 juli	8:14	81	14:43	44	21:11	278	−4.2	58.7	19.7	0.848215	44.7 O
27 juli	8:17	82	14:43	44	21:08	278	−4.2	58.3	19.9	0.840235	44.8 O

2026	Opkomst		Culminatie		Ondergang		Magnitude	Fase	Diameter (")	Afstand (AE)	Elongatie (°)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)					
28 juli	8:19	83	14:43	43	21:06	277	−4.3	57.8	20.1	0.832248	44.9 O
29 juli	8:21	84	14:43	43	21:03	276	−4.3	57.3	20.2	0.824255	45.0 O
30 juli	8:23	84	14:43	42	21:01	275	−4.3	56.9	20.4	0.816256	45.1 O
31 juli	8:25	85	14:42	42	20:58	275	−4.3	56.4	20.6	0.808254	45.2 O
1 augustus	8:28	86	14:42	41	20:55	274	−4.3	55.9	20.9	0.800247	45.3 O
2 augustus	8:30	87	14:42	41	20:53	273	−4.3	55.4	21.1	0.792238	45.3 O
3 augustus	8:32	87	14:41	40	20:50	272	−4.3	55.0	21.3	0.784227	45.4 O
4 augustus	8:34	88	14:41	40	20:47	271	−4.3	54.5	21.5	0.776215	45.5 O
5 augustus	8:36	89	14:41	39	20:44	271	−4.3	54.0	21.7	0.768203	45.6 O
6 augustus	8:38	90	14:40	39	20:42	270	−4.3	53.5	22.0	0.760191	45.6 O
7 augustus	8:40	91	14:40	38	20:39	269	−4.3	53.0	22.2	0.752181	45.7 O
8 augustus	8:42	91	14:40	38	20:36	268	−4.4	52.5	22.4	0.744171	45.7 O
9 augustus	8:44	92	14:39	37	20:33	268	−4.4	52.0	22.7	0.736164	45.8 O
10 augustus	8:46	93	14:39	37	20:30	267	−4.4	51.5	22.9	0.728159	45.8 O
11 augustus	8:48	94	14:38	36	20:27	266	−4.4	51.0	23.2	0.720158	45.8 O
12 augustus	8:50	94	14:38	36	20:25	265	−4.4	50.4	23.4	0.712159	45.9 O
13 augustus	8:52	95	14:37	35	20:22	264	−4.4	49.9	23.7	0.704165	45.9 O
14 augustus	8:53	96	14:37	35	20:19	264	−4.4	49.4	24.0	0.696176	45.9 O
15 augustus	8:55	97	14:36	34	20:16	263	−4.4	48.8	24.2	0.688191	45.9 O
16 augustus	8:57	97	14:35	34	20:13	262	−4.4	48.3	24.5	0.680213	45.9 O
17 augustus	8:59	98	14:35	34	20:10	261	−4.5	47.8	24.8	0.672242	45.9 O
18 augustus	9:00	99	14:34	33	20:07	261	−4.5	47.2	25.1	0.664279	45.9 O
19 augustus	9:02	100	14:34	33	20:04	260	−4.5	46.7	25.4	0.656326	45.8 O
20 augustus	9:04	100	14:33	32	20:01	259	−4.5	46.1	25.7	0.648383	45.8 O
21 augustus	9:05	101	14:32	32	19:58	259	−4.5	45.5	26.1	0.640451	45.8 O
22 augustus	9:07	102	14:31	31	19:55	258	−4.5	44.9	26.4	0.632533	45.7 O
23 augustus	9:08	103	14:31	31	19:52	257	−4.5	44.4	26.7	0.624629	45.7 O
24 augustus	9:10	103	14:30	30	19:48	256	−4.5	43.8	27.1	0.616740	45.6 O
25 augustus	9:11	104	14:29	30	19:45	256	−4.5	43.2	27.4	0.608869	45.5 O
26 augustus	9:13	105	14:28	29	19:42	255	−4.6	42.6	27.8	0.601016	45.4 O
27 augustus	9:14	106	14:27	29	19:39	254	−4.6	42.0	28.1	0.593184	45.3 O
28 augustus	9:15	106	14:26	29	19:36	253	−4.6	41.3	28.5	0.585373	45.2 O
29 augustus	9:17	107	14:25	28	19:33	253	−4.6	40.7	28.9	0.577586	45.1 O
30 augustus	9:18	108	14:24	28	19:29	252	−4.6	40.1	29.3	0.569823	45.0 O
31 augustus	9:19	108	14:23	27	19:26	251	−4.6	39.4	29.7	0.562088	44.8 O
1 september	9:20	109	14:22	27	19:23	251	−4.6	38.8	30.1	0.554381	44.7 O
2 september	9:21	110	14:21	26	19:19	250	−4.6	38.1	30.5	0.546704	44.5 O
3 september	9:22	110	14:19	26	19:16	249	−4.6	37.5	31.0	0.539059	44.3 O
4 september	9:23	111	14:18	26	19:13	249	−4.7	36.8	31.4	0.531448	44.1 O
5 september	9:24	112	14:17	25	19:09	248	−4.7	36.1	31.9	0.523872	43.9 O
6 september	9:25	112	14:16	25	19:06	247	−4.7	35.4	32.3	0.516333	43.7 O
7 september	9:25	113	14:14	24	19:02	247	−4.7	34.7	32.8	0.508832	43.5 O
8 september	9:26	114	14:13	24	18:59	246	−4.7	34.0	33.3	0.501372	43.2 O
9 september	9:26	114	14:11	24	18:55	246	−4.7	33.3	33.8	0.493955	42.9 O
10 september	9:27	115	14:10	23	18:52	245	−4.7	32.6	34.3	0.486581	42.7 O
11 september	9:27	115	14:08	23	18:48	244	−4.7	31.8	34.8	0.479254	42.3 O
12 september	9:27	116	14:06	23	18:44	244	−4.7	31.1	35.4	0.471976	42.0 O
13 september	9:28	116	14:04	22	18:41	243	−4.7	30.3	35.9	0.464748	41.7 O
14 september	9:28	117	14:03	22	18:37	243	−4.8	29.5	36.5	0.457575	41.3 O
15 september	9:27	118	14:01	22	18:33	242	−4.8	28.8	37.0	0.450459	40.9 O
16 september	9:27	118	13:59	21	18:29	242	−4.8	28.0	37.6	0.443403	40.5 O

2026	Opkomst		Culminatie		Ondergang		Magnitude	Fase	Diameter (")	Afstand (AE)	Elongatie (°)
	UT (hrm)	Azimut (°)	UT (hrm)	Hoogte (°)	UT (hrm)	Azimut (°)					
18 september	9:26	119	13:54	21	18:22	241	−4.8	26.4	38.9	0.429486	39.7 O
19 september	9:26	120	13:52	21	18:18	240	−4.8	25.5	39.5	0.422632	39.2 O
20 september	9:25	120	13:50	20	18:14	240	−4.8	24.7	40.1	0.415854	38.7 O
21 september	9:24	121	13:47	20	18:10	239	−4.8	23.9	40.8	0.409155	38.2 O
22 september	9:23	121	13:45	20	18:06	239	−4.8	23.0	41.5	0.402540	37.6 O
23 september	9:22	121	13:42	20	18:01	239	−4.8	22.2	42.1	0.396013	37.0 O
24 september	9:20	122	13:39	19	17:57	238	−4.8	21.3	42.8	0.389581	36.4 O
25 september	9:19	122	13:36	19	17:53	238	−4.8	20.4	43.5	0.383248	35.8 O
26 september	9:17	122	13:33	19	17:49	237	−4.8	19.5	44.3	0.377020	35.1 O
27 september	9:15	123	13:30	19	17:45	237	−4.8	18.6	45.0	0.370902	34.4 O
28 september	9:13	123	13:27	19	17:40	237	−4.8	17.8	45.7	0.364901	33.7 O
29 september	9:10	123	13:23	18	17:36	237	−4.8	16.9	46.5	0.359022	32.9 O
30 september	9:07	124	13:20	18	17:32	236	−4.8	16.0	47.2	0.353273	32.1 O
1 oktober	9:04	124	13:16	18	17:27	236	−4.8	15.1	48.0	0.347660	31.3 O
2 oktober	9:01	124	13:12	18	17:23	236	−4.8	14.2	48.8	0.342189	30.4 O
3 oktober	8:58	124	13:08	18	17:18	236	−4.7	13.3	49.5	0.336867	29.5 O
4 oktober	8:54	124	13:04	18	17:14	236	−4.7	12.4	50.3	0.331702	28.6 O
5 oktober	8:50	124	12:60	18	17:09	236	−4.7	11.5	51.1	0.326700	27.6 O
6 oktober	8:46	124	12:55	18	17:05	236	−4.7	10.6	51.8	0.321869	26.6 O
7 oktober	8:41	124	12:51	18	17:00	236	−4.7	9.7	52.6	0.317216	25.5 O
8 oktober	8:36	124	12:46	18	16:56	236	−4.6	8.9	53.4	0.312749	24.4 O
9 oktober	8:31	124	12:41	18	16:51	236	−4.6	8.1	54.1	0.308476	23.3 O
10 oktober	8:26	124	12:36	18	16:47	236	−4.5	7.3	54.8	0.304405	22.2 O
11 oktober	8:20	124	12:31	18	16:42	236	−4.5	6.5	55.5	0.300544	21.0 O
12 oktober	8:14	124	12:26	18	16:37	236	−4.5	5.7	56.2	0.296902	19.8 O
13 oktober	8:08	123	12:20	18	16:33	237	−4.4	5.0	56.9	0.293486	18.5 O
14 oktober	8:01	123	12:15	19	16:29	237	−4.4	4.4	57.5	0.290305	17.3 O
15 oktober	7:54	123	12:09	19	16:24	237	−4.3	3.7	58.1	0.287366	16.0 O
16 oktober	7:47	122	12:03	19	16:20	238	−4.2	3.1	58.6	0.284678	14.7 O
17 oktober	7:40	122	11:57	19	16:15	238	−4.2	2.6	59.1	0.282248	13.4 O
18 oktober	7:33	121	11:52	20	16:11	239	−4.1	2.1	59.6	0.280082	12.1 O
19 oktober	7:25	121	11:46	20	16:07	239	−4.1	1.7	60.0	0.278188	10.9 O
20 oktober	7:17	120	11:40	20	16:03	240	−4.2	1.4	60.3	0.276572	9.7 O
21 oktober	7:09	120	11:34	20	15:59	240	−4.2	1.1	60.6	0.275237	8.6 O
22 oktober	7:01	119	11:27	21	15:55	241	−4.2	0.8	60.9	0.274190	7.7 O
23 oktober	6:53	119	11:21	21	15:51	242	−4.2	0.7	61.0	0.273432	7.0 W
24 oktober	6:45	118	11:15	22	15:47	242	−4.2	0.6	61.1	0.272968	6.5 W
25 oktober	6:37	117	11:09	22	15:43	243	−4.2	0.6	61.2	0.272798	6.5 W
26 oktober	6:28	117	11:03	22	15:39	243	−4.2	0.7	61.1	0.272924	6.9 W
27 oktober	6:20	116	10:57	23	15:36	244	−4.2	0.8	61.1	0.273344	7.5 W
28 oktober	6:12	115	10:52	23	15:32	245	−4.3	1.0	60.9	0.274057	8.4 W
29 oktober	6:04	115	10:46	24	15:29	246	−4.2	1.3	60.7	0.275061	9.5 W
30 oktober	5:56	114	10:40	24	15:25	246	−4.2	1.6	60.4	0.276351	10.7 W
31 oktober	5:48	113	10:35	24	15:22	247	−4.1	2.1	60.0	0.277924	12.0 W
1 november	5:40	113	10:29	25	15:19	248	−4.2	2.5	59.6	0.279773	13.2 W
2 november	5:33	112	10:24	25	15:16	248	−4.2	3.1	59.2	0.281893	14.6 W
3 november	5:25	111	10:19	26	15:12	249	−4.3	3.7	58.7	0.284276	15.9 W
4 november	5:18	111	10:13	26	15:09	249	−4.4	4.3	58.2	0.286916	17.2 W
5 november	5:11	110	10:09	26	15:06	250	−4.4	5.0	57.6	0.289804	18.5 W
6 november	5:05	110	10:04	27	15:04	251	−4.5	5.7	57.0	0.292933	19.7 W
7 november	4:58	109	9:59	27	15:01	251	−4.5	6.4	56.3	0.296294	21.0 W
8 november	4:52	108	9:55	27	14:58	252	−4.6	7.2	55.7	0.299880	22.2 W
9 november	4:46	108	9:50	28	14:55	252	−4.6	8.1	55.0	0.303681	23.4 W

2026	Opkomst		Culminatie		Ondergang		Magnitude	Fase	Diameter (")	Afstand (AE)	Elongatie (°)
	UT (hrm)	Azimut (°)	UT (hrm)	Hoogte (°)	UT (hrm)	Azimut (°)					
10 november	4:40	107	9:46	28	14:53	253	−4.7	8.9	54.2	0.307689	24.5 W
11 november	4:35	107	9:42	28	14:50	253	−4.7	9.8	53.5	0.311897	25.7 W
12 november	4:29	107	9:38	28	14:47	254	−4.7	10.7	52.8	0.316295	26.7 W
13 november	4:24	106	9:34	29	14:45	254	−4.8	11.6	52.0	0.320877	27.8 W
14 november	4:20	106	9:31	29	14:42	254	−4.8	12.5	51.2	0.325632	28.8 W
15 november	4:15	106	9:27	29	14:40	255	−4.8	13.4	50.5	0.330555	29.8 W
16 november	4:11	105	9:24	29	14:38	255	−4.8	14.3	49.7	0.335637	30.7 W
17 november	4:07	105	9:21	29	14:35	255	−4.8	15.2	49.0	0.340871	31.6 W
18 november	4:03	105	9:18	30	14:33	255	−4.9	16.2	48.2	0.346249	32.5 W
19 november	3:59	105	9:15	30	14:31	256	−4.9	17.1	47.4	0.351765	33.3 W
20 november	3:56	104	9:12	30	14:28	256	−4.9	18.0	46.7	0.357413	34.1 W
21 november	3:53	104	9:09	30	14:26	256	−4.9	19.0	46.0	0.363185	34.9 W
22 november	3:50	104	9:07	30	14:24	256	−4.9	19.9	45.2	0.369076	35.6 W
23 november	3:47	104	9:04	30	14:22	256	−4.9	20.8	44.5	0.375079	36.3 W
24 november	3:45	104	9:02	30	14:20	256	−4.9	21.7	43.8	0.381188	37.0 W
25 november	3:42	104	8:60	30	14:17	256	−4.9	22.6	43.1	0.387398	37.6 W
26 november	3:40	104	8:58	30	14:15	256	−4.9	23.5	42.4	0.393703	38.2 W
27 november	3:38	104	8:56	30	14:13	256	−4.9	24.4	41.7	0.400098	38.8 W
28 november	3:36	104	8:54	30	14:11	256	−4.9	25.2	41.0	0.406577	39.3 W
29 november	3:35	104	8:52	30	14:09	256	−4.9	26.1	40.4	0.413136	39.8 W
30 november	3:33	104	8:50	30	14:07	256	−4.9	26.9	39.8	0.419769	40.3 W
1 december	3:32	104	8:49	30	14:05	256	−4.9	27.8	39.1	0.426472	40.8 W
2 december	3:31	104	8:47	30	14:03	256	−4.9	28.6	38.5	0.433240	41.3 W
3 december	3:30	105	8:46	30	14:01	255	−4.9	29.4	37.9	0.440070	41.7 W
4 december	3:29	105	8:44	29	13:59	255	−4.9	30.2	37.3	0.446958	42.1 W
5 december	3:28	105	8:43	29	13:57	255	−4.8	31.0	36.8	0.453900	42.5 W
6 december	3:28	105	8:42	29	13:55	255	−4.8	31.8	36.2	0.460894	42.8 W
7 december	3:27	105	8:40	29	13:53	255	−4.8	32.6	35.7	0.467935	43.2 W
8 december	3:27	106	8:39	29	13:52	254	−4.8	33.3	35.1	0.475021	43.5 W
9 december	3:26	106	8:38	29	13:50	254	−4.8	34.1	34.6	0.482150	43.8 W
10 december	3:26	106	8:37	29	13:48	254	−4.8	34.8	34.1	0.489319	44.1 W
11 december	3:26	106	8:36	28	13:46	253	−4.8	35.5	33.6	0.496525	44.3 W
12 december	3:26	107	8:36	28	13:44	253	−4.8	36.2	33.1	0.503767	44.6 W
13 december	3:27	107	8:35	28	13:43	253	−4.8	37.0	32.7	0.511042	44.8 W
14 december	3:27	107	8:34	28	13:41	253	−4.8	37.7	32.2	0.518349	45.0 W
15 december	3:27	108	8:33	28	13:39	252	−4.8	38.3	31.7	0.525684	45.2 W
16 december	3:28	108	8:33	27	13:37	252	−4.7	39.0	31.3	0.533048	45.4 W
17 december	3:28	108	8:32	27	13:36	252	−4.7	39.7	30.9	0.540438	45.6 W
18 december	3:29	109	8:32	27	13:34	251	−4.7	40.4	30.5	0.547851	45.8 W
19 december	3:29	109	8:31	27	13:32	251	−4.7	41.0	30.1	0.555288	45.9 W
20 december	3:30	109	8:31	27	13:31	250	−4.7	41.6	29.7	0.562746	46.1 W
21 december	3:31	110	8:30	26	13:29	250	−4.7	42.3	29.3	0.570224	46.2 W
22 december	3:32	110	8:30	26	13:28	250	−4.7	42.9	28.9	0.577721	46.3 W
23 december	3:33	111	8:30	26	13:26	249	−4.7	43.5	28.5	0.585234	46.4 W
24 december	3:34	111	8:29	26	13:24	249	−4.7	44.1	28.2	0.592763	46.5 W
25 december	3:35	111	8:29	25	13:23	249	−4.6	44.7	27.8	0.600306	46.6 W
26 december	3:36	112	8:29	25	13:22	248	−4.6	45.3	27.5	0.607861	46.7 W
27 december	3:37	112	8:29	25	13:20	248	−4.6	45.9	27.1	0.615426	46.7 W
28 december	3:38	112	8:29	25	13:19	247	−4.6	46.5	26.8	0.623000	46.8 W
29 december	3:39	113	8:29	25	13:17	247	−4.6	47.1	26.5	0.630582	46.8 W</

Mars

	Opkomst		Culminatie		Ondergang						
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Magnitude	Fase	Diameter (")	Afstand (AE)	Centrale merid. 0 ^h UT
2026											B Aarde
1 januari	08:01	129	11:55	16	15:50	231	1.1	100.0	3.9	2.410699	199.0 −7.9
2 januari	07:59	128	11:55	16	15:50	232	1.1	100.0	3.9	2.409904	189.2 −8.2
3 januari	07:58	128	11:54	16	15:50	232	1.1	100.0	3.9	2.409091	179.4 −8.6
4 januari	07:57	128	11:53	16	15:50	232	1.1	100.0	3.9	2.408262	169.6 −8.9
5 januari	07:56	128	11:53	16	15:50	232	1.0	100.0	3.9	2.407415	159.7 −9.2
6 januari	07:55	128	11:52	16	15:50	232	1.0	100.0	3.9	2.406552	149.9 −9.5
7 januari	07:54	128	11:51	16	15:50	232	1.0	100.0	3.9	2.405673	140.1 −9.8
8 januari	07:52	128	11:51	16	15:50	233	1.0	100.0	3.9	2.404777	130.3 −10.2
9 januari	07:51	127	11:50	16	15:50	233	1.0	100.0	3.9	2.403865	120.5 −10.5
10 januari	07:50	127	11:50	16	15:50	233	1.0	100.0	3.9	2.402937	110.6 −10.8
11 januari	07:48	127	11:49	16	15:50	233	1.0	100.0	3.9	2.401992	100.8 −11.1
12 januari	07:47	127	11:48	17	15:50	233	1.0	100.0	3.9	2.401032	91.0 −11.4
13 januari	07:46	127	11:48	17	15:50	234	1.0	100.0	3.9	2.400055	81.2 −11.7
14 januari	07:44	126	11:47	17	15:50	234	1.1	100.0	3.9	2.399062	71.3 −12.0
15 januari	07:43	126	11:46	17	15:51	234	1.1	100.0	3.9	2.398054	61.5 −12.3
16 januari	07:41	126	11:46	17	15:51	234	1.1	100.0	3.9	2.397029	51.7 −12.7
17 januari	07:40	126	11:45	17	15:51	235	1.1	100.0	3.9	2.395990	41.8 −13.0
18 januari	07:38	125	11:45	17	15:51	235	1.1	100.0	3.9	2.394934	32.0 −13.3
19 januari	07:36	125	11:44	18	15:52	235	1.1	100.0	3.9	2.393864	22.1 −13.6
20 januari	07:35	125	11:43	18	15:52	235	1.1	100.0	3.9	2.392779	12.3 −13.9
21 januari	07:33	125	11:43	18	15:52	236	1.1	100.0	3.9	2.391679	2.4 −14.2
22 januari	07:32	124	11:42	18	15:53	236	1.1	100.0	3.9	2.390565	352.6 −14.4
23 januari	07:30	124	11:41	18	15:53	236	1.1	100.0	3.9	2.389437	342.7 −14.7
24 januari	07:28	124	11:41	18	15:53	236	1.1	99.9	3.9	2.388296	332.9 −15.0
25 januari	07:26	123	11:40	18	15:54	237	1.1	99.9	3.9	2.387142	323.0 −15.3
26 januari	07:25	123	11:39	19	15:54	237	1.1	99.9	3.9	2.385977	313.2 −15.6
27 januari	07:23	123	11:38	19	15:54	237	1.1	99.9	3.9	2.384800	303.3 −15.9
28 januari	07:21	122	11:38	19	15:55	238	1.1	99.9	3.9	2.383612	293.4 −16.2
29 januari	07:19	122	11:37	19	15:55	238	1.1	99.9	3.9	2.382413	283.6 −16.4
30 januari	07:17	122	11:36	19	15:56	238	1.2	99.9	3.9	2.381206	273.7 −16.7
31 januari	07:16	121	11:36	20	15:56	239	1.2	99.9	3.9	2.379989	263.8 −17.0
1 februari	07:14	121	11:35	20	15:57	239	1.1	99.9	3.9	2.378763	253.9 −17.2
2 februari	07:12	121	11:34	20	15:57	239	1.1	99.9	3.9	2.377529	244.1 −17.5
3 februari	07:10	120	11:33	20	15:58	240	1.1	99.9	3.9	2.376287	234.2 −17.8
4 februari	07:08	120	11:33	20	15:58	240	1.1	99.9	3.9	2.375037	224.3 −18.0
5 februari	07:06	120	11:32	21	15:58	240	1.1	99.8	3.9	2.373780	214.4 −18.3
6 februari	07:04	119	11:31	21	15:59	241	1.1	99.8	3.9	2.372514	204.5 −18.5
7 februari	07:02	119	11:30	21	15:59	241	1.1	99.8	3.9	2.371240	194.6 −18.8
8 februari	07:00	119	11:30	21	15:60	242	1.1	99.8	4.0	2.369958	184.8 −19.0
9 februari	06:58	118	11:29	21	16:01	242	1.1	99.8	4.0	2.368669	174.9 −19.3
10 februari	06:56	118	11:28	22	16:01	242	1.1	99.8	4.0	2.367371	165.0 −19.5
11 februari	06:54	117	11:27	22	16:02	243	1.1	99.8	4.0	2.366065	155.1 −19.8
12 februari	06:52	117	11:27	22	16:02	243	1.1	99.8	4.0	2.364751	145.2 −20.0
13 februari	06:49	117	11:26	22	16:03	243	1.1	99.7	4.0	2.363428	135.2 −20.2
14 februari	06:47	116	11:25	23	16:03	244	1.1	99.7	4.0	2.362098	125.3 −20.4
15 februari	06:45	116	11:24	23	16:04	244	1.0	99.7	4.0	2.360760	115.4 −20.7
16 februari	06:43	115	11:23	23	16:04	245	1.0	99.7	4.0	2.359413	105.5 −20.9
17 februari	06:41	115	11:22	23	16:05	245	1.0	99.7	4.0	2.358058	95.6 −21.1
18 februari	06:38	115	11:22	24	16:05	245	1.1	99.7	4.0	2.356696	85.7 −21.3
19 februari	06:36	114	11:21	24	16:06	246	1.1	99.7	4.0	2.355325	75.8 −21.5
20 februari	06:34	114	11:20	24	16:06	246	1.1	99.6	4.0	2.353948	65.8 −21.7
21 februari	06:32	113	11:19	24	16:07	247	1.1	99.6	4.0	2.352563	55.9 −21.9

	Opkomst		Culminatie		Ondergang		Magnitude	Fase	Diameter (")	Afstand (AE)	Centrale merid. 0° UT	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)					Centrale merid. 0° UT	B Aarde
2026												
22 februari	06:29	113	11:18	25	16:08	247	1.1	99.6	4.0	2.351171	46.0	−22.1
23 februari	06:27	113	11:17	25	16:08	248	1.1	99.6	4.0	2.349773	36.1	−22.3
24 februari	06:25	112	11:16	25	16:09	248	1.1	99.6	4.0	2.348369	26.1	−22.5
25 februari	06:23	112	11:16	25	16:09	249	1.1	99.5	4.0	2.346960	16.2	−22.7
26 februari	06:20	111	11:15	26	16:10	249	1.1	99.5	4.0	2.345547	6.3	−22.8
27 februari	06:18	111	11:14	26	16:10	249	1.1	99.5	4.0	2.344128	356.3	−23.0
28 februari	06:15	110	11:13	26	16:11	250	1.1	99.5	4.0	2.342706	346.4	−23.2
1 maart	06:13	110	11:12	26	16:11	250	1.1	99.5	4.0	2.341280	336.4	−23.3
2 maart	06:11	109	11:11	27	16:12	251	1.1	99.5	4.0	2.339851	326.5	−23.5
3 maart	06:08	109	11:10	27	16:13	251	1.1	99.4	4.0	2.338418	316.5	−23.6
4 maart	06:06	109	11:09	27	16:13	252	1.1	99.4	4.0	2.336982	306.6	−23.8
5 maart	06:04	108	11:08	28	16:14	252	1.1	99.4	4.0	2.335543	296.6	−23.9
6 maart	06:01	108	11:07	28	16:14	253	1.1	99.4	4.0	2.334101	286.7	−24.1
7 maart	05:59	107	11:06	28	16:15	253	1.1	99.3	4.0	2.332655	276.7	−24.2
8 maart	05:56	107	11:05	28	16:15	254	1.2	99.3	4.0	2.331205	266.8	−24.3
9 maart	05:54	106	11:04	29	16:16	254	1.2	99.3	4.0	2.329752	256.8	−24.5
10 maart	05:51	106	11:04	29	16:16	254	1.1	99.3	4.0	2.328295	246.9	−24.6
11 maart	05:49	105	11:03	29	16:17	255	1.1	99.3	4.0	2.326834	236.9	−24.7
12 maart	05:46	105	11:02	30	16:17	255	1.1	99.2	4.0	2.325368	226.9	−24.8
13 maart	05:44	104	11:01	30	16:18	256	1.1	99.2	4.0	2.323897	217.0	−24.9
14 maart	05:41	104	10:60	30	16:19	256	1.1	99.2	4.0	2.322422	207.0	−25.0
15 maart	05:39	103	10:59	30	16:19	257	1.1	99.2	4.0	2.320942	197.0	−25.1
16 maart	05:36	103	10:58	31	16:20	257	1.1	99.1	4.0	2.319456	187.1	−25.2
17 maart	05:34	102	10:57	31	16:20	258	1.1	99.1	4.0	2.317966	177.1	−25.3
18 maart	05:31	102	10:56	31	16:21	258	1.1	99.1	4.0	2.316469	167.1	−25.4
19 maart	05:29	101	10:55	32	16:21	259	1.1	99.1	4.0	2.314967	157.2	−25.4
20 maart	05:26	101	10:54	32	16:22	259	1.1	99.0	4.0	2.313460	147.2	−25.5
21 maart	05:24	100	10:53	32	16:22	260	1.2	99.0	4.1	2.311947	137.2	−25.6
22 maart	05:21	100	10:51	33	16:23	260	1.2	99.0	4.1	2.310428	127.3	−25.6
23 maart	05:18	99	10:50	33	16:23	261	1.2	99.0	4.1	2.308905	117.3	−25.7
24 maart	05:16	99	10:49	33	16:24	261	1.2	98.9	4.1	2.307377	107.3	−25.7
25 maart	05:13	98	10:48	33	16:24	262	1.2	98.9	4.1	2.305844	97.3	−25.8
26 maart	05:11	98	10:47	34	16:25	262	1.2	98.9	4.1	2.304307	87.4	−25.8
27 maart	05:08	98	10:46	34	16:25	263	1.2	98.8	4.1	2.302767	77.4	−25.9
28 maart	05:06	97	10:45	34	16:26	263	1.2	98.8	4.1	2.301223	67.4	−25.9
29 maart	05:03	97	10:44	35	16:26	264	1.2	98.8	4.1	2.299675	57.4	−25.9
30 maart	05:00	96	10:43	35	16:27	264	1.2	98.8	4.1	2.298124	47.5	−25.9
31 maart	04:58	96	10:42	35	16:27	265	1.2	98.7	4.1	2.296570	37.5	−25.9
1 april	04:55	95	10:41	36	16:28	265	1.2	98.7	4.1	2.295012	27.5	−25.9
2 april	04:53	95	10:40	36	16:28	266	1.3	98.7	4.1	2.293451	17.6	−25.9
3 april	04:50	94	10:39	36	16:28	266	1.3	98.7	4.1	2.291887	7.6	−25.9
4 april	04:47	94	10:38	37	16:29	267	1.3	98.6	4.1	2.290318	357.6	−25.9
5 april	04:45	93	10:37	37	16:29	267	1.3	98.6	4.1	2.288745	347.6	−25.9
6 april	04:42	93	10:36	37	16:30	268	1.2	98.6	4.1	2.287168	337.7	−25.9
7 april	04:40	92	10:35	38	16:30	268	1.2	98.5	4.1	2.285586	327.7	−25.9
8 april	04:37	92	10:33	38	16:31	269	1.2	98.5	4.1	2.283999	317.7	−25.8
9 april	04:34	91	10:32	38	16:31	269	1.2	98.5	4.1	2.282406	307.8	−25.8
10 april	04:32	91	10:31	38	16:32	270	1.3	98.4	4.1	2.280808	297.8	−25.8
11 april	04:29	90	10:30	39	16:32	270	1.2	98.4	4.1	2.279203	287.8	−25.7
12 april	04:26	90	10:29	39	16:33	271	1.2	98.4	4.1	2.277591	277.9	−25.7
13 april	04:24	89	10:28	39	16:33	271	1.3	98.3	4.1	2.275972	267.9	−25.6
14 april	04:21	89	10:27	40	16:33	272	1.3	98.3	4.1	2.274345	257.9	−25.6

	Opkomst		Culminatie		Ondergang							
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Magnitude	Fase	Diameter (")	Afstand (AE)	Centrale merid. 0 ^h UT	B Aarde
2026												
15 april	04:18	88	10:26	40	16:34	272	1.2	98.3	4.1	2.272711	248.0	−25.5
16 april	04:16	88	10:25	40	16:34	273	1.2	98.2	4.1	2.271068	238.0	−25.4
17 april	04:13	87	10:24	41	16:35	273	1.2	98.2	4.1	2.269416	228.1	−25.3
18 april	04:11	87	10:22	41	16:35	274	1.2	98.2	4.1	2.267756	218.1	−25.3
19 april	04:08	86	10:21	41	16:36	274	1.2	98.1	4.1	2.266087	208.2	−25.2
20 april	04:05	86	10:20	42	16:36	275	1.2	98.1	4.1	2.264410	198.2	−25.1
21 april	04:03	85	10:19	42	16:36	275	1.2	98.1	4.1	2.262724	188.3	−25.0
22 april	04:00	85	10:18	42	16:37	276	1.2	98.0	4.1	2.261029	178.3	−24.9
23 april	03:57	84	10:17	43	16:37	276	1.2	98.0	4.1	2.259326	168.4	−24.8
24 april	03:55	84	10:16	43	16:38	277	1.2	98.0	4.1	2.257615	158.4	−24.7
25 april	03:52	83	10:15	43	16:38	277	1.2	97.9	4.2	2.255896	148.5	−24.6
26 april	03:50	83	10:14	43	16:38	278	1.2	97.9	4.2	2.254169	138.5	−24.5
27 april	03:47	82	10:12	44	16:39	278	1.2	97.9	4.2	2.252434	128.6	−24.3
28 april	03:44	82	10:11	44	16:39	279	1.2	97.8	4.2	2.250691	118.7	−24.2
29 april	03:42	81	10:10	44	16:40	279	1.2	97.8	4.2	2.248939	108.7	−24.1
30 april	03:39	81	10:09	45	16:40	279	1.2	97.8	4.2	2.247180	98.8	−23.9
1 mei	03:37	80	10:08	45	16:40	280	1.2	97.7	4.2	2.245411	88.9	−23.8
2 mei	03:34	80	10:07	45	16:41	280	1.2	97.7	4.2	2.243634	79.0	−23.7
3 mei	03:31	79	10:06	46	16:41	281	1.2	97.7	4.2	2.241847	69.0	−23.5
4 mei	03:29	79	10:05	46	16:42	281	1.3	97.6	4.2	2.240050	59.1	−23.4
5 mei	03:26	78	10:04	46	16:42	282	1.3	97.6	4.2	2.238243	49.2	−23.2
6 mei	03:24	78	10:03	46	16:42	282	1.3	97.5	4.2	2.236426	39.3	−23.0
7 mei	03:21	77	10:01	47	16:43	283	1.3	97.5	4.2	2.234597	29.4	−22.9
8 mei	03:18	77	10:00	47	16:43	283	1.3	97.5	4.2	2.232756	19.5	−22.7
9 mei	03:16	77	9:59	47	16:43	284	1.3	97.4	4.2	2.230903	9.6	−22.5
10 mei	03:13	76	9:58	48	16:44	284	1.3	97.4	4.2	2.229037	359.7	−22.4
11 mei	03:11	76	9:57	48	16:44	285	1.3	97.4	4.2	2.227158	349.8	−22.2
12 mei	03:08	75	9:56	48	16:45	285	1.3	97.3	4.2	2.225265	339.9	−22.0
13 mei	03:06	75	9:55	48	16:45	286	1.3	97.3	4.2	2.223358	330.0	−21.8
14 mei	03:03	74	9:54	49	16:45	286	1.3	97.2	4.2	2.221435	320.1	−21.6
15 mei	03:00	74	9:53	49	16:46	286	1.3	97.2	4.2	2.219497	310.2	−21.4
16 mei	02:58	73	9:52	49	16:46	287	1.3	97.2	4.2	2.217543	300.3	−21.2
17 mei	02:55	73	9:50	50	16:46	287	1.3	97.1	4.2	2.215573	290.4	−21.0
18 mei	02:53	72	9:49	50	16:47	288	1.3	97.1	4.2	2.213586	280.5	−20.8
19 mei	02:50	72	9:48	50	16:47	288	1.3	97.0	4.2	2.211583	270.7	−20.6
20 mei	02:48	72	9:47	50	16:47	289	1.3	97.0	4.2	2.209564	260.8	−20.4
21 mei	02:45	71	9:46	51	16:48	289	1.3	97.0	4.2	2.207529	250.9	−20.2
22 mei	02:43	71	9:45	51	16:48	290	1.3	96.9	4.2	2.205477	241.0	−20.0
23 mei	02:40	70	9:44	51	16:48	290	1.3	96.9	4.3	2.203409	231.2	−19.7
24 mei	02:38	70	9:43	51	16:49	290	1.3	96.8	4.3	2.201325	221.3	−19.5
25 mei	02:35	69	9:42	52	16:49	291	1.3	96.8	4.3	2.199225	211.5	−19.3
26 mei	02:33	69	9:41	52	16:49	291	1.3	96.8	4.3	2.197108	201.6	−19.1
27 mei	02:31	69	9:40	52	16:50	292	1.3	96.7	4.3	2.194975	191.7	−18.8
28 mei	02:28	68	9:39	52	16:50	292	1.3	96.7	4.3	2.192825	181.9	−18.6
29 mei	02:26	68	9:38	53	16:50	293	1.3	96.6	4.3	2.190657	172.0	−18.3
30 mei	02:23	67	9:37	53	16:51	293	1.3	96.6	4.3	2.188473	162.2	−18.1
31 mei	02:21	67	9:35	53	16:51	293	1.3	96.5	4.3	2.186270	152.4	−17.9
1 juni	02:18	66	9:34	53	16:51	294	1.3	96.5	4.3	2.184049	142.5	−17.6
2 juni	02:16	66	9:33	54	16:51	294	1.3	96.5	4.3	2.181809	132.7	−17.4
3 juni	02:14	66	9:32	54	16:52	295	1.3	96.4	4.3	2.179550	122.9	−17.1
4 juni	02:11	65	9:31	54	16:52	295	1.3	96.4	4.3	2.177270	113.0	−16.9
5 juni	02:09	65	9:30	54	16:52	295	1.3	96.3	4.3	2.174971	103.2	−16.6

	Opkomst		Culminatie		Ondergang		Magnitude		Diameter (")	Afstand (AE)	Centrale merid. 0° UT	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)						
2026												
6 juni	02:07	64	9:29	55	16:53	296	1.3	96.3	4.3	2.172650	93.4	−16.4
7 juni	02:04	64	9:28	55	16:53	296	1.3	96.2	4.3	2.170308	83.6	−16.1
8 juni	02:02	64	9:27	55	16:53	297	1.3	96.2	4.3	2.167943	73.7	−15.8
10 juni	01:57	63	9:25	55	16:54	297	1.3	96.1	4.3	2.165555	63.9	−15.6
11 juni	01:55	63	9:24	56	16:54	297	1.3	96.1	4.3	2.163144	54.1	−15.3
12 juni	01:53	63	9:23	56	16:54	298	1.3	96.1	4.3	2.160709	44.3	−15.0
13 juni	01:51	62	9:22	56	16:54	298	1.3	96.0	4.3	2.158248	34.5	−14.8
14 juni	01:48	62	9:21	56	16:54	298	1.3	96.0	4.3	2.155763	24.7	−14.5
15 juni	01:46	61	9:20	56	16:55	299	1.3	95.9	4.3	2.153251	14.9	−14.2
16 juni	01:44	61	9:19	57	16:55	299	1.3	95.9	4.4	2.150714	5.1	−14.0
17 juni	01:42	61	9:18	57	16:55	299	1.3	95.8	4.4	2.148150	355.3	−13.7
18 juni	01:39	60	9:17	57	16:55	300	1.3	95.8	4.4	2.145560	345.5	−13.4
19 juni	01:37	60	9:16	57	16:55	300	1.3	95.7	4.4	2.142944	335.7	−13.1
20 juni	01:35	60	9:15	57	16:55	300	1.3	95.7	4.4	2.140301	325.9	−12.8
21 juni	01:33	59	9:14	58	16:56	301	1.3	95.6	4.4	2.137633	316.1	−12.6
22 juni	01:31	59	9:13	58	16:56	301	1.3	95.6	4.4	2.134938	306.3	−12.3
23 juni	01:29	59	9:12	58	16:56	301	1.4	95.6	4.4	2.132216	296.6	−12.0
24 juni	01:27	58	9:11	58	16:56	302	1.4	95.5	4.4	2.129468	286.8	−11.7
25 juni	01:25	58	9:10	58	16:56	302	1.4	95.5	4.4	2.126694	277.0	−11.4
26 juni	01:23	58	9:09	58	16:56	302	1.4	95.4	4.4	2.123892	267.2	−11.1
27 juni	01:20	58	9:08	59	16:56	303	1.4	95.4	4.4	2.121064	257.5	−10.8
28 juni	01:18	57	9:07	59	16:56	303	1.4	95.3	4.4	2.118208	247.7	−10.6
29 juni	01:16	57	9:06	59	16:56	303	1.4	95.3	4.4	2.115324	237.9	−10.3
30 juni	01:14	57	9:05	59	16:56	304	1.4	95.2	4.4	2.112413	228.2	−10.0
1 juli	01:13	56	9:04	59	16:56	304	1.4	95.2	4.4	2.109472	218.4	−9.7
2 juli	01:11	56	9:03	59	16:56	304	1.4	95.1	4.4	2.106502	208.6	−9.4
3 juli	01:09	56	9:02	60	16:56	304	1.4	95.1	4.5	2.103503	198.9	−9.1
4 juli	01:07	56	9:01	60	16:56	305	1.3	95.0	4.5	2.100474	189.1	−8.8
5 juli	01:05	55	9:00	60	16:56	305	1.4	95.0	4.5	2.097413	179.4	−8.5
6 juli	01:03	55	8:59	60	16:56	305	1.3	94.9	4.5	2.094322	169.6	−8.2
7 juli	01:01	55	8:58	60	16:56	305	1.3	94.9	4.5	2.091198	159.9	−7.9
8 juli	00:59	55	8:57	60	16:56	306	1.3	94.8	4.5	2.088042	150.1	−7.6
9 juli	00:57	54	8:56	60	16:55	306	1.3	94.8	4.5	2.084852	140.4	−7.3
10 juli	00:56	54	8:55	61	16:55	306	1.3	94.7	4.5	2.081628	130.6	−7.0
11 juli	00:54	54	8:54	61	16:55	306	1.3	94.7	4.5	2.078370	120.9	−6.7
12 juli	00:52	54	8:53	61	16:55	307	1.3	94.6	4.5	2.075077	111.1	−6.4
13 juli	00:50	53	8:52	61	16:55	307	1.3	94.6	4.5	2.071748	101.4	−6.1
14 juli	00:49	53	8:51	61	16:54	307	1.3	94.5	4.5	2.068383	91.7	−5.8
15 juli	00:47	53	8:50	61	16:54	307	1.3	94.5	4.5	2.064982	81.9	−5.5
16 juli	00:45	53	8:49	61	16:54	307	1.3	94.4	4.5	2.061545	72.2	−5.2
17 juli	00:44	53	8:48	61	16:54	308	1.3	94.4	4.6	2.058071	62.5	−4.9
18 juli	00:42	52	8:47	61	16:53	308	1.3	94.3	4.6	2.054562	52.7	−4.6
19 juli	00:40	52	8:46	62	16:53	308	1.3	94.3	4.6	2.051015	43.0	−4.3
20 juli	00:39	52	8:45	62	16:53	308	1.4	94.2	4.6	2.047433	33.3	−4.0
21 juli	00:37	52	8:44	62	16:52	308	1.4	94.2	4.6	2.043814	23.5	−3.7
22 juli	00:36	52	8:43	62	16:52	308	1.4	94.1	4.6	2.040160	13.8	−3.4
23 juli	00:34	52	8:42	62	16:51	309	1.4	94.1	4.6	2.036469	4.1	−3.1
24 juli	00:32	51	8:41	62	16:51	309	1.4	94.0	4.6	2.032741	354.4	−2.8
25 juli	00:31	51	8:40	62	16:50	309	1.4	94.0	4.6	2.028977	344.7	−2.5
26 juli	00:29	51	8:40	62	16:50	309	1.4	93.9	4.6	2.025176	334.9	−2.2
27 juli	00:28	51	8:39	62	16:49	309	1.4	93.9	4.6	2.021338	325.2	−1.9
28 juli	00:27	51	8:38	62	16:49	309	1.4	93.8	4.6	2.017463	315.5	−1.6

	Opkomst		Culminatie		Ondergang					Afstand (AE)		
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Magnitude	Fase	Diameter (")		Centrale merid. 0° UT	B Aarde
2026												
29 juli	00:25	51	8:37	62	16:48	309	1.4	93.8	4.7	2.013550	305.8	−1.3
30 juli	00:24	51	8:36	62	16:48	310	1.4	93.7	4.7	2.009598	296.1	−1.0
31 juli	00:22	50	8:35	62	16:47	310	1.4	93.7	4.7	2.005609	286.4	−0.7
1 augustus	00:21	50	8:34	63	16:46	310	1.4	93.6	4.7	2.001580	276.6	−0.4
2 augustus	00:20	50	8:33	63	16:46	310	1.4	93.6	4.7	1.997512	266.9	−0.2
3 augustus	00:18	50	8:31	63	16:45	310	1.4	93.5	4.7	1.993404	257.2	0.1
4 augustus	00:17	50	8:30	63	16:44	310	1.4	93.4	4.7	1.989256	247.5	0.4
5 augustus	00:16	50	8:29	63	16:43	310	1.3	93.4	4.7	1.985066	237.8	0.7
6 augustus	00:15	50	8:28	63	16:42	310	1.3	93.3	4.7	1.980835	228.1	1.0
7 augustus	00:13	50	8:27	63	16:42	310	1.3	93.3	4.7	1.976562	218.4	1.3
8 augustus	00:12	50	8:26	63	16:41	310	1.3	93.2	4.7	1.972245	208.7	1.6
9 augustus	00:11	50	8:25	63	16:40	310	1.3	93.2	4.8	1.967886	199.0	1.9
10 augustus	00:10	50	8:24	63	16:39	310	1.3	93.1	4.8	1.963483	189.3	2.2
11 augustus	00:09	50	8:23	63	16:38	310	1.3	93.1	4.8	1.959035	179.6	2.5
12 augustus	00:07	50	8:22	63	16:37	310	1.3	93.0	4.8	1.954544	169.9	2.8
13 augustus	00:06	50	8:21	63	16:36	310	1.3	93.0	4.8	1.950008	160.2	3.1
14 augustus	00:05	50	8:20	63	16:35	310	1.3	92.9	4.8	1.945427	150.5	3.3
15 augustus	00:04	50	8:19	63	16:34	310	1.2	92.9	4.8	1.940803	140.8	3.6
16 augustus	00:03	50	8:18	63	16:33	310	1.2	92.8	4.8	1.936134	131.1	3.9
17 augustus	00:02	50	8:17	63	16:32	310	1.2	92.8	4.8	1.931421	121.4	4.2
18 augustus	00:01	50	8:16	63	16:31	310	1.2	92.7	4.9	1.926665	111.7	4.5
19 augustus	23:59	50	8:15	63	16:29	310	1.2	92.7	4.9	1.921865	102.0	4.8
20 augustus	23:58	50	8:14	63	16:28	310	1.2	92.6	4.9	1.917021	92.3	5.0
21 augustus	23:57	50	8:13	63	16:27	310	1.2	92.5	4.9	1.912133	82.6	5.3
22 augustus	23:56	50	8:11	63	16:26	310	1.2	92.5	4.9	1.907202	73.0	5.6
23 augustus	23:55	50	8:10	63	16:24	310	1.2	92.4	4.9	1.902227	63.3	5.9
24 augustus	23:54	50	8:09	63	16:23	310	1.2	92.4	4.9	1.897208	53.6	6.1
25 augustus	23:53	50	8:08	63	16:22	310	1.2	92.3	4.9	1.892146	43.9	6.4
26 augustus	23:52	50	8:07	63	16:20	310	1.2	92.3	5.0	1.887039	34.2	6.7
27 augustus	23:51	50	8:06	63	16:19	310	1.3	92.2	5.0	1.881889	24.5	6.9
28 augustus	23:50	50	8:05	63	16:18	310	1.3	92.2	5.0	1.876694	14.8	7.2
29 augustus	23:50	50	8:03	63	16:16	310	1.3	92.1	5.0	1.871454	5.1	7.5
30 augustus	23:49	50	8:02	63	16:15	310	1.3	92.1	5.0	1.866169	355.5	7.7
31 augustus	23:48	50	8:01	63	16:13	310	1.3	92.0	5.0	1.860839	345.8	8.0
1 september	23:47	50	7:60	63	16:12	310	1.3	92.0	5.0	1.855463	336.1	8.3
2 september	23:46	50	7:59	62	16:10	310	1.2	91.9	5.1	1.850041	326.4	8.5
3 september	23:45	51	7:58	62	16:09	309	1.2	91.9	5.1	1.844572	316.7	8.8
4 september	23:45	51	7:56	62	16:07	309	1.2	91.8	5.1	1.839056	307.0	9.1
5 september	23:44	51	7:55	62	16:05	309	1.3	91.8	5.1	1.833492	297.4	9.3
6 september	23:43	51	7:54	62	16:04	309	1.3	91.7	5.1	1.827881	287.7	9.6
7 september	23:42	51	7:53	62	16:02	309	1.2	91.6	5.1	1.822221	278.0	9.8
8 september	23:41	51	7:51	62	16:00	309	1.2	91.6	5.2	1.816513	268.3	10.1
9 september	23:41	51	7:50	62	15:59	309	1.3	91.5	5.2	1.810757	258.6	10.3
10 september	23:40	51	7:49	62	15:57	309	1.2	91.5	5.2	1.804952	248.9	10.6
11 september	23:39	52	7:48	62	15:55	309	1.2	91.4	5.2	1.799098	239.3	10.8
12 september	23:38	52	7:46	62	15:53	308	1.2	91.4	5.2	1.793197	229.6	11.0
13 september	23:38	52	7:45	62	15:51	308	1.2	91.3	5.2	1.787248	219.9	11.3
14 september	23:37	52	7:44	62	15:49	308	1.2	91.3	5.3	1.781251	210.2	11.5
15 september	23:36	52	7:42	62	15:48	308	1.2	91.2	5.3	1.775207	200.6	11.8
16 september	23:35	52	7:41	62	15:46	308	1.2	91.2	5.3	1.769117	190.9	12.0
17 september	23:35	52	7:40	61	15:44	308	1.2	91.1	5.3	1.762980	181.2	12.2
18 september	23:34	53	7:38	61	15:42	307	1.2	91.1	5.3	1.756796	171.5	12.5

	Opkomst		Culminatie		Ondergang		Magnitude		Diameter (")	Afstand (AE)	Centrale merid. 0° UT	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)						
2026												
19 september	23:33	53	7:37	61	15:40	307	1.1	91.0	5.3	1.750566	161.9	12.7
20 september	23:32	53	7:36	61	15:38	307	1.1	91.0	5.4	1.744291	152.2	12.9
21 september	23:32	53	7:34	61	15:36	307	1.1	91.0	5.4	1.737970	142.5	13.1
22 september	23:31	53	7:33	61	15:34	307	1.1	90.9	5.4	1.731603	132.9	13.4
23 september	23:30	53	7:31	61	15:32	307	1.1	90.9	5.4	1.725191	123.2	13.6
24 september	23:29	54	7:30	61	15:30	306	1.1	90.8	5.4	1.718734	113.5	13.8
25 september	23:29	54	7:29	61	15:27	306	1.1	90.8	5.5	1.712231	103.8	14.0
26 september	23:28	54	7:27	61	15:25	306	1.1	90.7	5.5	1.705683	94.2	14.2
27 september	23:27	54	7:26	60	15:23	306	1.1	90.7	5.5	1.699090	84.5	14.4
28 september	23:26	54	7:24	60	15:21	306	1.1	90.6	5.5	1.692451	74.8	14.7
29 september	23:26	55	7:23	60	15:19	305	1.1	90.6	5.6	1.685767	65.2	14.9
30 september	23:25	55	7:21	60	15:17	305	1.1	90.5	5.6	1.679037	55.5	15.1
1 oktober	23:24	55	7:20	60	15:14	305	1.1	90.5	5.6	1.672261	45.8	15.3
2 oktober	23:23	55	7:18	60	15:12	305	1.1	90.4	5.6	1.665439	36.2	15.5
3 oktober	23:22	55	7:17	60	15:10	305	1.1	90.4	5.6	1.658570	26.5	15.7
4 oktober	23:22	56	7:15	60	15:08	304	1.1	90.4	5.7	1.651655	16.9	15.9
5 oktober	23:21	56	7:14	60	15:05	304	1.1	90.3	5.7	1.644693	7.2	16.1
6 oktober	23:20	56	7:12	59	15:03	304	1.1	90.3	5.7	1.637684	357.5	16.2
7 oktober	23:19	56	7:11	59	15:01	304	1.1	90.2	5.7	1.630629	347.9	16.4
8 oktober	23:18	56	7:09	59	14:58	304	1.1	90.2	5.8	1.623528	338.2	16.6
9 oktober	23:18	57	7:07	59	14:56	303	1.1	90.2	5.8	1.616382	328.6	16.8
10 oktober	23:17	57	7:06	59	14:54	303	1.1	90.1	5.8	1.609190	318.9	17.0
11 oktober	23:16	57	7:04	59	14:51	303	1.1	90.1	5.8	1.601953	309.3	17.2
12 oktober	23:15	57	7:03	59	14:49	303	1.1	90.1	5.9	1.594672	299.6	17.3
13 oktober	23:14	58	7:01	59	14:46	302	1.1	90.0	5.9	1.587347	290.0	17.5
14 oktober	23:13	58	6:59	58	14:44	302	1.0	90.0	5.9	1.579980	280.3	17.7
15 oktober	23:13	58	6:58	58	14:41	302	1.0	89.9	6.0	1.572570	270.7	17.8
16 oktober	23:12	58	6:56	58	14:39	302	1.0	89.9	6.0	1.565118	261.0	18.0
17 oktober	23:11	59	6:54	58	14:36	302	1.0	89.9	6.0	1.557625	251.4	18.2
18 oktober	23:10	59	6:53	58	14:34	301	1.0	89.8	6.0	1.550091	241.7	18.3
19 oktober	23:09	59	6:51	58	14:31	301	1.0	89.8	6.1	1.542518	232.1	18.5
20 oktober	23:08	59	6:49	58	14:29	301	1.0	89.8	6.1	1.534904	222.4	18.6
21 oktober	23:07	59	6:47	58	14:26	301	1.0	89.8	6.1	1.527252	212.8	18.8
22 oktober	23:06	60	6:46	57	14:24	300	1.0	89.7	6.2	1.519561	203.2	18.9
23 oktober	23:05	60	6:44	57	14:21	300	0.9	89.7	6.2	1.511833	193.5	19.1
24 oktober	23:04	60	6:42	57	14:18	300	0.9	89.7	6.2	1.504066	183.9	19.2
25 oktober	23:03	60	6:40	57	14:16	300	0.9	89.7	6.3	1.496262	174.3	19.4
26 oktober	23:02	61	6:38	57	14:13	299	0.9	89.6	6.3	1.488421	164.6	19.5
27 oktober	23:01	61	6:37	57	14:11	299	0.9	89.6	6.3	1.480543	155.0	19.6
28 oktober	23:00	61	6:35	57	14:08	299	0.9	89.6	6.4	1.472628	145.4	19.8
29 oktober	22:59	61	6:33	56	14:05	299	0.8	89.6	6.4	1.464677	135.7	19.9
30 oktober	22:58	62	6:31	56	14:03	299	0.8	89.5	6.4	1.456689	126.1	20.0
31 oktober	22:57	62	6:29	56	13:60	298	0.8	89.5	6.5	1.448666	116.5	20.2
1 november	22:56	62	6:27	56	13:57	298	0.8	89.5	6.5	1.440606	106.9	20.3
2 november	22:54	62	6:25	56	13:54	298	0.8	89.5	6.5	1.432510	97.3	20.4
3 november	22:53	63	6:23	56	13:52	298	0.8	89.5	6.6	1.424379	87.7	20.5
4 november	22:52	63	6:21	56	13:49	297	0.8	89.5	6.6	1.416214	78.0	20.6
5 november	22:51	63	6:19	56	13:46	297	0.8	89.5	6.7	1.408015	68.4	20.7
6 november	22:50	63	6:17	55	13:43	297	0.8	89.5	6.7	1.399782	58.8	20.9
7 november	22:48	63	6:15	55	13:41	297	0.8	89.4	6.7	1.391518	49.2	21.0
8 november	22:47	64	6:13	55	13:38	296	0.8	89.4	6.8	1.383221	39.6	21.1
9 november	22:46	64	6:11	55	13:35	296	0.8	89.4	6.8	1.374895	30.0	21.2
10 november	22:44	64	6:09	55	13:32	296	0.8	89.4	6.9	1.366540	20.4	21.3

	Opkomst		Culminatie		Ondergang					Afstand (AE)		
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)	Magnitude	Fase	Diameter (")		Centrale merid. 0 ^h UT	B Aarde
2026												
11 november	22:43	64	6:07	55	13:29	296	0.8	89.4	6.9	1.358156	10.9	21.4
12 november	22:42	65	6:05	55	13:26	295	0.8	89.4	6.9	1.349745	1.3	21.4
13 november	22:40	65	6:03	54	13:24	295	0.8	89.4	7.0	1.341309	351.7	21.5
14 november	22:39	65	6:01	54	13:21	295	0.7	89.4	7.0	1.332847	342.1	21.6
15 november	22:38	65	5:59	54	13:18	295	0.7	89.4	7.1	1.324362	332.5	21.7
16 november	22:36	65	5:56	54	13:15	295	0.7	89.5	7.1	1.315854	323.0	21.8
17 november	22:35	66	5:54	54	13:12	294	0.7	89.5	7.2	1.307325	313.4	21.9
18 november	22:33	66	5:52	54	13:09	294	0.7	89.5	7.2	1.298776	303.8	21.9
19 november	22:32	66	5:50	54	13:06	294	0.7	89.5	7.3	1.290207	294.3	22.0
20 november	22:30	66	5:48	54	13:03	294	0.7	89.5	7.3	1.281620	284.7	22.1
21 november	22:28	67	5:45	53	13:00	294	0.7	89.5	7.4	1.273016	275.2	22.2
22 november	22:27	67	5:43	53	12:57	293	0.6	89.5	7.4	1.264395	265.6	22.2
23 november	22:25	67	5:41	53	12:54	293	0.6	89.6	7.5	1.255760	256.1	22.3
24 november	22:23	67	5:38	53	12:51	293	0.6	89.6	7.5	1.247110	246.6	22.3
25 november	22:22	67	5:36	53	12:48	293	0.6	89.6	7.6	1.238446	237.0	22.4
26 november	22:20	68	5:34	53	12:45	293	0.6	89.7	7.6	1.229770	227.5	22.5
27 november	22:18	68	5:31	53	12:42	292	0.6	89.7	7.7	1.221081	218.0	22.5
28 november	22:16	68	5:29	53	12:39	292	0.5	89.7	7.7	1.212381	208.5	22.6
29 november	22:15	68	5:27	52	12:36	292	0.5	89.8	7.8	1.203671	199.0	22.6
30 november	22:13	68	5:24	52	12:33	292	0.5	89.8	7.8	1.194952	189.4	22.6
1 december	22:11	68	5:22	52	12:30	292	0.4	89.8	7.9	1.186225	179.9	22.7
2 december	22:09	69	5:19	52	12:27	291	0.4	89.9	8.0	1.177491	170.5	22.7
3 december	22:07	69	5:17	52	12:24	291	0.4	89.9	8.0	1.168751	161.0	22.8
4 december	22:05	69	5:14	52	12:21	291	0.4	90.0	8.1	1.160008	151.5	22.8
5 december	22:03	69	5:12	52	12:18	291	0.4	90.0	8.1	1.151263	142.0	22.8
6 december	22:01	69	5:09	52	12:15	291	0.4	90.1	8.2	1.142518	132.5	22.9
7 december	21:59	69	5:06	52	12:12	291	0.3	90.2	8.3	1.133774	123.1	22.9
8 december	21:56	70	5:04	52	12:08	290	0.3	90.2	8.3	1.125033	113.6	22.9
9 december	21:54	70	5:01	51	12:05	290	0.3	90.3	8.4	1.116299	104.2	22.9
10 december	21:52	70	4:58	51	12:02	290	0.3	90.3	8.5	1.107571	94.7	23.0
11 december	21:50	70	4:56	51	11:59	290	0.3	90.4	8.5	1.098853	85.3	23.0
12 december	21:47	70	4:53	51	11:56	290	0.2	90.5	8.6	1.090147	75.9	23.0
13 december	21:45	70	4:50	51	11:52	290	0.2	90.6	8.7	1.081455	66.5	23.0
14 december	21:43	70	4:47	51	11:49	290	0.2	90.7	8.7	1.072779	57.0	23.0
15 december	21:40	71	4:44	51	11:46	289	0.2	90.7	8.8	1.064120	47.6	23.0
16 december	21:38	71	4:42	51	11:43	289	0.2	90.8	8.9	1.055482	38.3	23.1
17 december	21:35	71	4:39	51	11:39	289	0.2	90.9	8.9	1.046866	28.9	23.1
18 december	21:32	71	4:36	51	11:36	289	0.2	91.0	9.0	1.038275	19.5	23.1
19 december	21:30	71	4:33	51	11:33	289	0.2	91.1	9.1	1.029710	10.1	23.1
20 december	21:27	71	4:30	51	11:30	289	0.2	91.2	9.2	1.021174	0.8	23.1
21 december	21:24	71	4:27	51	11:26	289	0.2	91.3	9.2	1.012670	351.4	23.1
22 december	21:21	71	4:24	50	11:23	289	0.1	91.4	9.3	1.004198	342.1	23.1
23 december	21:18	71	4:21	50	11:20	289	0.1	91.5	9.4	0.995761	332.7	23.1
24 december	21:16	71	4:17	50	11:16	289	0.1	91.7	9.5	0.987362	323.4	23.1
25 december	21:13	72	4:14	50	11:13	288	0.0	91.8	9.6	0.979002	314.1	23.1
26 december	21:09	72	4:11	50	11:09	288	0.0	91.9	9.6	0.970683	304.8	23.0
27 december	21:06	72	4:08	50	11:06	288	0.0	92.0	9.7	0.962408	295.5	23.0
28 december	21:03	72	4:04	50	11:03	288	0.0	92.2	9.8	0.954179	286.2	23.0
29 december	21:00	72	4:01	50	10:59	288	0.0	92.3	9.9	0.945999	277.0	23.0
30 december	20:57	72	3:58	50	10:56	288	−0.1	92.4	10.0	0.937870	267.7	23.0
31 december	20:53	72	3:54	50	10:52	288	−0.1	92.6	10.1	0.929795	258.5	23.0

Jupiter

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")		Rotatie	
	UT (h:m)	Azimut (°).	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°).				Systeem I 0 ^h UT	Systeem II 0 ^h UT
2026									Afstand (AE)		
1 januari	16:26	53	00:32	61	08:34	307	−2.7	46.5	4.242666	210.9	89
2 januari	16:21	53	00:28	61	08:30	307	−2.7	46.5	4.240197	9.0	239.41
3 januari	16:17	53	00:23	61	08:25	307	−2.7	46.5	4.238040	167.0	29.82
4 januari	16:12	53	00:19	61	08:21	307	−2.7	46.5	4.236197	325.0	180.23
5 januari	16:07	53	00:14	61	08:17	307	−2.7	46.6	4.234667	123.1	330.65
6 januari	16:03	53	00:10	61	08:12	307	−2.7	46.6	4.233453	281.1	121.06
7 januari	15:58	53	00:05	61	08:08	307	−2.7	46.6	4.232553	79.2	271.46
8 januari	15:54	52	00:01	61	08:04	307	−2.7	46.6	4.231970	237.2	61.87
9 januari	15:49	52	23:52	61	07:59	308	−2.7	46.6	4.231703	35.2	212.28
10 januari	15:44	52	23:47	61	07:55	308	−2.7	46.6	4.231755	193.3	2.68
11 januari	15:40	52	23:43	61	07:51	308	−2.7	46.6	4.232125	351.3	153.09
12 januari	15:35	52	23:38	61	07:46	308	−2.7	46.6	4.232814	149.3	303.49
13 januari	15:30	52	23:34	61	07:42	308	−2.7	46.6	4.233822	307.4	93.89
14 januari	15:26	52	23:29	62	07:38	308	−2.7	46.5	4.235148	105.4	244.29
15 januari	15:21	52	23:25	62	07:33	308	−2.7	46.5	4.236792	263.4	34.68
16 januari	15:16	52	23:20	62	07:29	308	−2.7	46.5	4.238754	61.4	185.08
17 januari	15:12	52	23:16	62	07:24	308	−2.7	46.5	4.241033	219.5	335.47
18 januari	15:07	52	23:11	62	07:20	308	−2.7	46.5	4.243628	17.5	125.86
19 januari	15:02	52	23:07	62	07:16	308	−2.7	46.4	4.246540	175.5	276.24
20 januari	14:58	52	23:02	62	07:11	308	−2.7	46.4	4.249765	333.5	66.63
21 januari	14:53	52	22:58	62	07:07	308	−2.7	46.4	4.253303	131.5	217.01
22 januari	14:49	52	22:53	62	07:03	308	−2.7	46.3	4.257152	289.5	7.39
23 januari	14:44	52	22:49	62	06:58	308	−2.7	46.3	4.261308	87.5	157.77
24 januari	14:39	52	22:45	62	06:54	308	−2.7	46.2	4.265771	245.5	308.14
25 januari	14:35	52	22:40	62	06:50	308	−2.6	46.2	4.270537	43.5	98.51
26 januari	14:30	52	22:36	62	06:45	308	−2.6	46.1	4.275606	201.5	248.88
27 januari	14:26	52	22:31	62	06:41	308	−2.6	46.1	4.280973	359.5	39.24
28 januari	14:21	52	22:27	62	06:37	308	−2.6	46.0	4.286635	157.5	189.6
29 januari	14:17	52	22:22	62	06:32	308	−2.6	45.9	4.292590	315.5	339.96
30 januari	14:12	52	22:18	62	06:28	308	−2.6	45.9	4.298834	113.5	130.32
31 januari	14:08	52	22:13	62	06:24	308	−2.6	45.8	4.305365	271.5	280.67
1 februari	14:03	52	22:09	62	06:19	308	−2.6	45.7	4.312179	69.5	71.02
2 februari	13:59	52	22:05	62	06:15	308	−2.6	45.6	4.319274	227.4	221.36
3 februari	13:54	52	22:00	62	06:11	308	−2.6	45.6	4.326647	25.4	11.7
4 februari	13:50	52	21:56	62	06:07	308	−2.6	45.5	4.334294	183.4	162.04
5 februari	13:45	52	21:52	62	06:02	308	−2.6	45.4	4.342213	341.3	312.38
6 februari	13:41	51	21:47	62	05:58	309	−2.6	45.3	4.350399	139.3	102.71
7 februari	13:36	51	21:43	62	05:54	309	−2.6	45.2	4.358850	297.3	253.03
8 februari	13:32	51	21:39	62	05:50	309	−2.6	45.1	4.367563	95.2	43.36
9 februari	13:27	51	21:34	62	05:45	309	−2.6	45.0	4.376534	253.2	193.68
10 februari	13:23	51	21:30	62	05:41	309	−2.6	45.0	4.385760	51.1	343.99
11 februari	13:19	51	21:26	62	05:37	309	−2.6	44.9	4.395236	209.0	134.3
12 februari	13:14	51	21:21	62	05:33	309	−2.6	44.8	4.404959	7.0	284.61
13 februari	13:10	51	21:17	62	05:28	309	−2.6	44.7	4.414924	164.9	74.91
14 februari	13:05	51	21:13	62	05:24	309	−2.5	44.6	4.425128	322.8	225.21
15 februari	13:01	51	21:08	62	05:20	309	−2.5	44.4	4.435565	120.8	15.51
16 februari	12:57	51	21:04	62	05:16	309	−2.5	44.3	4.446234	278.7	165.8
17 februari	12:53	51	21:00	62	05:12	309	−2.5	44.2	4.457128	76.6	316.09
18 februari	12:48	51	20:56	62	05:07	309	−2.5	44.1	4.468243	234.5	106.37
19 februari	12:44	51	20:52	62	05:03	309	−2.5	44.0	4.479575	32.4	256.65
20 februari	12:40	51	20:47	62	04:59	309	−2.5	43.9	4.491117	190.3	46.93
21 februari	12:36	51	20:43	62	04:55	309	−2.5	43.8	4.502866	348.2	197.2

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)	Rotatie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				Systeem I 0 ^h UT	Systeem II 0 ^h UT
2026											
22 februari	12:31	51	20:39	62	04:51	309	−2.5	43.7	4.514816	146.1	347.47
23 februari	12:27	51	20:35	62	04:47	309	−2.5	43.5	4.526963	304.0	137.73
24 februari	12:23	51	20:31	62	04:43	309	−2.5	43.4	4.539301	101.9	287.99
25 februari	12:19	51	20:27	62	04:39	309	−2.5	43.3	4.551825	259.8	78.24
26 februari	12:15	51	20:23	62	04:35	309	−2.5	43.2	4.564530	57.7	228.49
27 februari	12:10	51	20:18	62	04:31	309	−2.5	43.1	4.577411	215.6	18.74
28 februari	12:06	51	20:14	62	04:26	309	−2.4	42.9	4.590462	13.4	168.98
1 maart	12:02	51	20:10	62	04:22	309	−2.4	42.8	4.603679	171.3	319.22
2 maart	11:58	51	20:06	62	04:18	309	−2.4	42.7	4.617058	329.2	109.45
3 maart	11:54	51	20:02	62	04:14	309	−2.4	42.6	4.630594	127.0	259.68
4 maart	11:50	51	19:58	62	04:10	309	−2.4	42.4	4.644282	284.9	49.91
5 maart	11:46	51	19:54	62	04:06	309	−2.4	42.3	4.658118	82.7	200.13
6 maart	11:42	51	19:50	62	04:02	309	−2.4	42.2	4.672098	240.6	350.35
7 maart	11:38	51	19:46	62	03:58	309	−2.4	42.1	4.686215	38.4	140.57
8 maart	11:34	51	19:42	62	03:54	309	−2.4	41.9	4.700466	196.3	290.78
9 maart	11:30	51	19:38	62	03:50	309	−2.4	41.8	4.714848	354.1	80.98
10 maart	11:26	51	19:34	62	03:47	309	−2.4	41.7	4.729355	151.9	231.18
11 maart	11:22	51	19:30	62	03:43	309	−2.4	41.6	4.743984	309.8	21.38
12 maart	11:18	51	19:26	62	03:39	309	−2.4	41.4	4.758727	107.6	171.58
13 maart	11:14	51	19:23	62	03:35	309	−2.3	41.3	4.773582	265.4	321.77
14 maart	11:10	51	19:19	62	03:31	309	−2.3	41.2	4.788543	63.2	111.96
15 maart	11:06	51	19:15	62	03:27	309	−2.3	41.0	4.803605	221.0	262.14
16 maart	11:03	51	19:11	62	03:23	309	−2.3	40.9	4.818765	18.8	52.32
17 maart	10:59	51	19:07	62	03:19	309	−2.3	40.8	4.834016	176.6	202.5
18 maart	10:55	51	19:03	62	03:15	309	−2.3	40.7	4.849355	334.4	352.67
19 maart	10:51	51	18:59	62	03:12	309	−2.3	40.5	4.864776	132.2	142.84
20 maart	10:47	51	18:56	62	03:08	309	−2.3	40.4	4.880274	290.0	293
21 maart	10:44	51	18:52	62	03:04	309	−2.3	40.3	4.895843	87.8	83.16
22 maart	10:40	51	18:48	62	03:00	309	−2.3	40.1	4.911479	245.6	233.32
23 maart	10:36	51	18:44	62	02:56	309	−2.3	40.0	4.927177	43.4	23.48
24 maart	10:32	51	18:41	62	02:53	309	−2.3	39.9	4.942933	201.2	173.63
25 maart	10:29	51	18:37	62	02:49	309	−2.3	39.8	4.958742	359.0	323.78
26 maart	10:25	51	18:33	62	02:45	309	−2.2	39.6	4.974598	156.7	113.92
27 maart	10:21	51	18:29	62	02:41	309	−2.2	39.5	4.990498	314.5	264.06
28 maart	10:18	51	18:26	62	02:37	309	−2.2	39.4	5.006436	112.3	54.2
29 maart	10:14	51	18:22	62	02:34	309	−2.2	39.3	5.022408	270.0	204.33
30 maart	10:10	51	18:18	62	02:30	309	−2.2	39.1	5.038412	67.8	354.47
31 maart	10:07	51	18:15	62	02:26	309	−2.2	39.0	5.054442	225.5	144.59
1 april	10:03	51	18:11	62	02:23	309	−2.2	38.9	5.070495	23.3	294.72
2 april	09:59	51	18:07	62	02:19	309	−2.2	38.8	5.086567	181.1	84.84
3 april	09:56	51	18:04	62	02:15	309	−2.2	38.6	5.102654	338.8	234.96
4 april	09:52	51	18:00	62	02:12	309	−2.2	38.5	5.118751	136.6	25.08
5 april	09:49	51	17:57	62	02:08	309	−2.2	38.4	5.134855	294.3	175.19
6 april	09:45	51	17:53	62	02:04	309	−2.2	38.3	5.150963	92.0	325.3
7 april	09:42	51	17:49	62	02:01	309	−2.2	38.2	5.167071	249.8	115.41
8 april	09:38	51	17:46	62	01:57	309	−2.2	38.0	5.183177	47.5	265.52
9 april	09:35	51	17:42	62	01:53	309	−2.1	37.9	5.199274	205.2	55.62
10 april	09:31	51	17:39	62	01:50	309	−2.1	37.8	5.215361	3.0	205.72
11 april	09:28	51	17:35	62	01:46	309	−2.1	37.7	5.231431	160.7	355.82
12 april	09:24	51	17:32	62	01:43	309	−2.1	37.6	5.247483	318.4	145.92
13 april	09:21	51	17:28	62	01:39	309	−2.1	37.5	5.263513	116.1	296.01
14 april	09:17	51	17:25	62	01:35	309	−2.1	37.3	5.279517	273.9	86.1

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")		Rotatie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				Afstand (AE)	Systeem I 0 ^h UT
2026											
15 april	09:14	51	17:21	62	01:32	309	−2.1	37.2	5.295491	71.6	236.19
16 april	09:11	51	17:18	62	01:28	309	−2.1	37.1	5.311431	229.3	26.27
17 april	09:07	51	17:14	62	01:25	309	−2.1	37.0	5.327334	27.0	176.36
18 april	09:04	51	17:11	62	01:21	309	−2.1	36.9	5.343194	184.7	326.44
19 april	09:01	52	17:07	62	01:17	308	−2.1	36.8	5.359008	342.4	116.52
20 april	08:57	52	17:04	62	01:14	308	−2.1	36.7	5.374772	140.1	266.59
21 april	08:54	52	17:00	62	01:10	308	−2.1	36.6	5.390484	297.8	56.67
22 april	08:51	52	16:57	62	01:07	308	−2.1	36.5	5.406138	95.5	206.74
23 april	08:47	52	16:54	62	01:03	308	−2.1	36.4	5.421733	253.2	356.81
24 april	08:44	52	16:50	62	01:00	308	−2.1	36.3	5.437264	50.9	146.88
25 april	08:41	52	16:47	62	00:56	308	−2.0	36.2	5.452729	208.6	296.95
26 april	08:37	52	16:43	62	00:53	308	−2.0	36.1	5.468123	6.3	87.01
27 april	08:34	52	16:40	62	00:49	308	−2.0	36.0	5.483446	164.0	237.07
28 april	08:31	52	16:37	62	00:46	308	−2.0	35.9	5.498694	321.7	27.13
29 april	08:28	52	16:33	62	00:42	308	−2.0	35.8	5.513864	119.4	177.19
30 april	08:24	52	16:30	62	00:39	308	−2.0	35.7	5.528955	277.1	327.25
1 mei	08:21	52	16:27	62	00:35	308	−2.0	35.6	5.543963	74.8	117.31
2 mei	08:18	52	16:23	62	00:32	308	−2.0	35.5	5.558885	232.5	267.36
3 mei	08:15	52	16:20	62	00:29	308	−2.0	35.4	5.573719	30.1	57.42
4 mei	08:12	52	16:17	62	00:25	308	−2.0	35.3	5.588463	187.8	207.47
5 mei	08:09	52	16:13	62	00:22	308	−2.0	35.2	5.603114	345.5	357.52
6 mei	08:05	52	16:10	62	00:18	308	−2.0	35.1	5.617669	143.2	147.57
7 mei	08:02	52	16:07	62	00:15	308	−2.0	35.0	5.632127	300.9	297.61
8 mei	07:59	52	16:04	62	00:11	308	−2.0	34.9	5.646485	98.5	87.66
9 mei	07:56	52	16:00	62	00:08	308	−2.0	34.8	5.660738	256.2	237.71
10 mei	07:53	52	15:57	61	00:04	308	−2.0	34.7	5.674886	53.9	27.75
11 mei	07:50	52	15:54	61	00:01	308	−2.0	34.7	5.688926	211.5	177.79
12 mei	07:47	52	15:51	61	23:54	308	−2.0	34.6	5.702855	9.2	327.83
13 mei	07:44	52	15:47	61	23:51	308	−2.0	34.5	5.716670	166.9	117.87
14 mei	07:40	52	15:44	61	23:47	308	−1.9	34.4	5.730370	324.6	267.91
15 mei	07:37	52	15:41	61	23:44	308	−1.9	34.3	5.743952	122.2	57.95
16 mei	07:34	52	15:38	61	23:41	307	−1.9	34.2	5.757411	279.9	207.99
17 mei	07:31	53	15:34	61	23:37	307	−1.9	34.2	5.770746	77.6	358.02
18 mei	07:28	53	15:31	61	23:34	307	−1.9	34.1	5.783954	235.2	148.06
19 mei	07:25	53	15:28	61	23:31	307	−1.9	34.0	5.797033	32.9	298.09
20 mei	07:22	53	15:25	61	23:27	307	−1.9	33.9	5.809980	190.5	88.12
21 mei	07:19	53	15:22	61	23:24	307	−1.9	33.9	5.822794	348.2	238.16
22 mei	07:16	53	15:18	61	23:20	307	−1.9	33.8	5.835472	145.9	28.19
23 mei	07:13	53	15:15	61	23:17	307	−1.9	33.7	5.848011	303.5	178.22
24 mei	07:10	53	15:12	61	23:14	307	−1.9	33.6	5.860411	101.2	328.25
25 mei	07:07	53	15:09	61	23:10	307	−1.9	33.6	5.872668	258.8	118.28
26 mei	07:04	53	15:06	61	23:07	307	−1.9	33.5	5.884783	56.5	268.31
27 mei	07:01	53	15:03	61	23:04	307	−1.9	33.4	5.896753	214.2	58.33
28 mei	06:58	53	14:59	61	23:00	307	−1.9	33.4	5.908578	11.8	208.36
29 mei	06:55	53	14:56	61	22:57	307	−1.9	33.3	5.920255	169.5	358.39
30 mei	06:52	53	14:53	61	22:54	307	−1.9	33.2	5.931783	327.1	148.41
31 mei	06:50	53	14:50	61	22:50	307	−1.9	33.2	5.943160	124.8	298.44
1 juni	06:47	53	14:47	61	22:47	307	−1.9	33.1	5.954385	282.4	88.47
2 juni	06:44	53	14:44	61	22:44	307	−1.9	33.0	5.965457	80.1	238.49
3 juni	06:41	53	14:41	61	22:40	307	−1.9	33.0	5.976373	237.7	28.52
4 juni	06:38	54	14:37	61	22:37	306	−1.9	32.9	5.987134	35.4	178.54
5 juni	06:35	54	14:34	61	22:33	306	−1.9	32.9	5.997737	193.1	328.56

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)	Rotatie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				Systeem I 0 ^h UT	Systeem II 0 ^h UT
2026											
6 juni	06:32	54	14:31	61	22:30	306	−1.9	32.8	6.008180	350.7	118.59
7 juni	06:29	54	14:28	61	22:27	306	−1.9	32.8	6.018462	148.4	268.61
8 juni	06:26	54	14:25	61	22:23	306	−1.9	32.7	6.028580	306.0	58.64
9 juni	06:23	54	14:22	61	22:20	306	−1.9	32.6	6.038534	103.7	208.66
10 juni	06:21	54	14:19	61	22:17	306	−1.9	32.6	6.048322	261.3	358.68
11 juni	06:18	54	14:16	61	22:13	306	−1.9	32.5	6.057942	59.0	148.7
12 juni	06:15	54	14:13	61	22:10	306	−1.8	32.5	6.067393	216.6	298.73
13 juni	06:12	54	14:10	60	22:07	306	−1.8	32.4	6.076673	14.3	88.75
14 juni	06:09	54	14:06	60	22:03	306	−1.8	32.4	6.085778	171.9	238.77
15 juni	06:06	54	14:03	60	22:00	306	−1.8	32.3	6.094709	329.6	28.79
16 juni	06:04	54	14:00	60	21:57	306	−1.8	32.3	6.103463	127.2	178.82
17 juni	06:01	54	13:57	60	21:54	306	−1.8	32.3	6.112039	284.9	328.84
18 juni	05:58	54	13:54	60	21:50	306	−1.8	32.2	6.120437	82.5	118.86
19 juni	05:55	55	13:51	60	21:47	305	−1.8	32.2	6.128655	240.2	268.89
20 juni	05:52	55	13:48	60	21:44	305	−1.8	32.1	6.136692	37.8	58.91
21 juni	05:50	55	13:45	60	21:40	305	−1.8	32.1	6.144547	195.5	208.93
22 juni	05:47	55	13:42	60	21:37	305	−1.8	32.0	6.152218	353.1	358.95
23 juni	05:44	55	13:39	60	21:34	305	−1.8	32.0	6.159705	150.8	148.98
24 juni	05:41	55	13:36	60	21:30	305	−1.8	32.0	6.167009	308.5	299
25 juni	05:38	55	13:33	60	21:27	305	−1.8	31.9	6.174128	106.1	89.03
26 juni	05:36	55	13:30	60	21:24	305	−1.8	31.9	6.181061	263.8	239.05
27 juni	05:33	55	13:27	60	21:20	305	−1.8	31.9	6.187808	61.4	29.07
28 juni	05:30	55	13:24	60	21:17	305	−1.8	31.8	6.194368	219.1	179.1
29 juni	05:27	55	13:21	60	21:14	305	−1.8	31.8	6.200739	16.7	329.13
30 juni	05:24	55	13:17	60	21:10	305	−1.8	31.8	6.206922	174.4	119.15
1 juli	05:22	55	13:14	60	21:07	304	−1.8	31.7	6.212916	332.0	269.18
2 juli	05:19	56	13:11	60	21:04	304	−1.8	31.7	6.218721	129.7	59.2
3 juli	05:16	56	13:08	60	21:00	304	−1.8	31.7	6.224335	287.4	209.23
4 juli	05:13	56	13:05	60	20:57	304	−1.8	31.6	6.229759	85.0	359.26
5 juli	05:11	56	13:02	60	20:54	304	−1.8	31.6	6.234990	242.7	149.29
6 juli	05:08	56	12:59	60	20:50	304	−1.8	31.6	6.240028	40.3	299.31
7 juli	05:05	56	12:56	59	20:47	304	−1.8	31.6	6.244872	198.0	89.34
8 juli	05:02	56	12:53	59	20:44	304	−1.8	31.5	6.249522	355.6	239.37
9 juli	05:00	56	12:50	59	20:40	304	−1.8	31.5	6.253976	153.3	29.4
10 juli	04:57	56	12:47	59	20:37	304	−1.8	31.5	6.258233	311.0	179.43
11 juli	04:54	56	12:44	59	20:34	304	−1.8	31.5	6.262294	108.6	329.47
12 juli	04:52	56	12:41	59	20:30	304	−1.8	31.5	6.266155	266.3	119.5
13 juli	04:49	56	12:38	59	20:27	303	−1.8	31.4	6.269817	64.0	269.53
14 juli	04:46	57	12:35	59	20:24	303	−1.8	31.4	6.273277	221.6	59.56
15 juli	04:43	57	12:32	59	20:20	303	−1.8	31.4	6.276536	19.3	209.6
16 juli	04:41	57	12:29	59	20:17	303	−1.8	31.4	6.279594	176.9	359.63
17 juli	04:38	57	12:26	59	20:14	303	−1.8	31.4	6.282450	334.6	149.67
18 juli	04:35	57	12:23	59	20:10	303	−1.8	31.4	6.285105	132.3	299.7
19 juli	04:33	57	12:20	59	20:07	303	−1.8	31.4	6.287557	289.9	89.74
20 juli	04:30	57	12:17	59	20:04	303	−1.8	31.3	6.289807	87.6	239.78
21 juli	04:27	57	12:14	59	20:00	303	−1.8	31.3	6.291853	245.3	29.82
22 juli	04:24	57	12:11	59	19:57	303	−1.8	31.3	6.293698	42.9	179.86
23 juli	04:22	57	12:08	59	19:54	303	−1.8	31.3	6.295341	200.6	329.9
24 juli	04:19	57	12:05	59	19:50	302	−1.8	31.3	6.296781	358.3	119.94
25 juli	04:16	58	12:02	59	19:47	302	−1.8	31.3	6.298021	156.0	269.98
26 juli	04:14	58	11:59	59	19:44	302	−1.8	31.3	6.299058	313.6	60.03
27 juli	04:11	58	11:56	58	19:40	302	−1.8	31.3	6.299893	111.3	210.07

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)	Rotatie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				Systeem I 0 ^h UT	Systeem II 0 ^h UT
2026											
28 juli	04:08	58	11:53	58	19:37	302	−1.8	31.3	6.300525	269.0	0.12
29 juli	04:06	58	11:50	58	19:33	302	−1.8	31.3	6.300955	66.7	150.16
30 juli	04:03	58	11:47	58	19:30	302	−1.8	31.3	6.301183	224.3	300.21
31 juli	04:00	58	11:44	58	19:27	302	−1.8	31.3	6.301209	22.0	90.26
1 augustus	03:58	58	11:41	58	19:23	302	−1.8	31.3	6.301034	179.7	240.31
2 augustus	03:55	58	11:38	58	19:20	302	−1.8	31.3	6.300656	337.4	30.36
3 augustus	03:52	58	11:34	58	19:17	302	−1.8	31.3	6.300076	135.1	180.41
4 augustus	03:49	58	11:31	58	19:13	301	−1.8	31.3	6.299292	292.7	330.47
5 augustus	03:47	59	11:28	58	19:10	301	−1.8	31.3	6.298305	90.4	120.52
6 augustus	03:44	59	11:25	58	19:07	301	−1.8	31.3	6.297115	248.1	270.58
7 augustus	03:41	59	11:22	58	19:03	301	−1.8	31.3	6.295722	45.8	60.63
8 augustus	03:39	59	11:19	58	19:00	301	−1.8	31.3	6.294126	203.5	210.69
9 augustus	03:36	59	11:16	58	18:56	301	−1.8	31.3	6.292326	1.2	0.75
10 augustus	03:33	59	11:13	58	18:53	301	−1.8	31.3	6.290322	158.9	150.81
11 augustus	03:31	59	11:10	58	18:50	301	−1.8	31.4	6.288113	316.6	300.87
12 augustus	03:28	59	11:07	58	18:46	301	−1.8	31.4	6.285701	114.3	90.93
13 augustus	03:25	59	11:04	58	18:43	301	−1.8	31.4	6.283084	271.9	241
14 augustus	03:22	59	11:01	57	18:40	300	−1.8	31.4	6.280264	69.6	31.06
15 augustus	03:20	60	10:58	57	18:36	300	−1.8	31.4	6.277241	227.3	181.13
16 augustus	03:17	60	10:55	57	18:33	300	−1.8	31.4	6.274016	25.0	331.2
17 augustus	03:14	60	10:52	57	18:29	300	−1.8	31.4	6.270590	182.7	121.26
18 augustus	03:12	60	10:49	57	18:26	300	−1.8	31.5	6.266961	340.4	271.34
19 augustus	03:09	60	10:46	57	18:23	300	−1.8	31.5	6.263133	138.1	61.41
20 augustus	03:06	60	10:43	57	18:19	300	−1.8	31.5	6.259105	295.8	211.48
21 augustus	03:03	60	10:40	57	18:16	300	−1.8	31.5	6.254878	93.5	1.56
22 augustus	03:01	60	10:37	57	18:12	300	−1.8	31.5	6.250454	251.3	151.63
23 augustus	02:58	60	10:34	57	18:09	300	−1.8	31.6	6.245834	49.0	301.71
24 augustus	02:55	60	10:31	57	18:05	299	−1.8	31.6	6.241017	206.7	91.79
25 augustus	02:53	61	10:27	57	18:02	299	−1.8	31.6	6.236004	4.4	241.87
26 augustus	02:50	61	10:24	57	17:59	299	−1.8	31.6	6.230797	162.1	31.95
27 augustus	02:47	61	10:21	57	17:55	299	−1.8	31.7	6.225396	319.8	182.04
28 augustus	02:44	61	10:18	57	17:52	299	−1.8	31.7	6.219802	117.5	332.12
29 augustus	02:42	61	10:15	57	17:48	299	−1.8	31.7	6.214015	275.2	122.21
30 augustus	02:39	61	10:12	57	17:45	299	−1.8	31.8	6.208037	73.0	272.3
31 augustus	02:36	61	10:09	56	17:42	299	−1.8	31.8	6.201868	230.7	62.39
1 september	02:33	61	10:06	56	17:38	299	−1.8	31.8	6.195507	28.4	212.48
2 september	02:31	61	10:03	56	17:35	299	−1.8	31.9	6.188956	186.1	2.57
3 september	02:28	61	10:00	56	17:31	298	−1.8	31.9	6.182215	343.9	152.67
4 september	02:25	62	09:57	56	17:28	298	−1.8	31.9	6.175285	141.6	302.77
5 september	02:22	62	09:53	56	17:24	298	−1.8	32.0	6.168165	299.3	92.86
6 september	02:20	62	09:50	56	17:21	298	−1.8	32.0	6.160859	97.0	242.96
7 september	02:17	62	09:47	56	17:17	298	−1.8	32.0	6.153365	254.8	33.07
8 september	02:14	62	09:44	56	17:14	298	−1.8	32.1	6.145685	52.5	183.17
9 september	02:11	62	09:41	56	17:10	298	−1.8	32.1	6.137818	210.2	333.27
10 september	02:09	62	09:38	56	17:07	298	−1.8	32.2	6.129767	8.0	123.38
11 september	02:06	62	09:35	56	17:04	298	−1.8	32.2	6.121533	165.7	273.49
12 september	02:03	62	09:32	56	17:00	298	−1.8	32.2	6.113117	323.5	63.6
13 september	02:00	62	09:29	56	16:57	297	−1.8	32.3	6.104522	121.2	213.71
14 september	01:57	63	09:25	56	16:53	297	−1.8	32.3	6.095747	278.9	3.83
15 september	01:55	63	09:22	56	16:50	297	−1.8	32.4	6.086796	76.7	153.95
16 september	01:52	63	09:19	56	16:46	297	−1.8	32.4	6.077668	234.4	304.06
17 september	01:49	63	09:16	55	16:43	297	−1.8	32.5	6.068366	32.2	94.18

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)	Rotatie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				Systeem I 0 ^h UT	Systeem II 0 ^h UT
2026											
18 september	01:46	63	09:13	55	16:39	297	−1.8	32.5	6.058893	189.9	244.31
19 september	01:43	63	09:10	55	16:36	297	−1.8	32.6	6.049248	347.7	34.43
20 september	01:40	63	09:06	55	16:32	297	−1.8	32.6	6.039435	145.5	184.56
21 september	01:38	63	09:03	55	16:29	297	−1.8	32.7	6.029456	303.2	334.68
22 september	01:35	63	09:00	55	16:25	297	−1.8	32.8	6.019310	101.0	124.81
23 september	01:32	63	08:57	55	16:22	296	−1.8	32.8	6.009001	258.7	274.95
24 september	01:29	64	08:54	55	16:18	296	−1.9	32.9	5.998529	56.5	65.08
25 september	01:26	64	08:51	55	16:15	296	−1.9	32.9	5.987897	214.3	215.22
26 september	01:23	64	08:47	55	16:11	296	−1.9	33.0	5.977106	12.0	5.35
27 september	01:20	64	08:44	55	16:08	296	−1.9	33.0	5.966159	169.8	155.49
28 september	01:17	64	08:41	55	16:04	296	−1.9	33.1	5.955057	327.6	305.64
29 september	01:15	64	08:38	55	16:01	296	−1.9	33.2	5.943801	125.4	95.78
30 september	01:12	64	08:34	55	15:57	296	−1.9	33.2	5.932391	283.1	245.93
1 oktober	01:09	64	08:31	55	15:54	296	−1.9	33.3	5.920830	80.9	36.08
2 oktober	01:06	64	08:28	55	15:50	296	−1.9	33.4	5.909120	238.7	186.23
3 oktober	01:03	64	08:25	55	15:47	296	−1.9	33.4	5.897262	36.5	336.38
4 oktober	01:00	64	08:22	55	15:43	295	−1.9	33.5	5.885258	194.3	126.54
5 oktober	00:57	65	08:18	54	15:39	295	−1.9	33.6	5.873110	352.1	276.69
6 oktober	00:54	65	08:15	54	15:36	295	−1.9	33.6	5.860819	149.8	66.85
7 oktober	00:51	65	08:12	54	15:32	295	−1.9	33.7	5.848386	307.6	217.01
8 oktober	00:48	65	08:09	54	15:29	295	−1.9	33.8	5.835816	105.4	7.18
9 oktober	00:45	65	08:05	54	15:25	295	−1.9	33.9	5.823109	263.2	157.34
10 oktober	00:42	65	08:02	54	15:22	295	−1.9	33.9	5.810268	61.0	307.51
11 oktober	00:39	65	07:59	54	15:18	295	−1.9	34.0	5.797298	218.8	97.68
12 oktober	00:36	65	07:55	54	15:15	295	−1.9	34.1	5.784199	16.6	247.86
13 oktober	00:33	65	07:52	54	15:11	295	−1.9	34.2	5.770975	174.4	38.03
14 oktober	00:30	65	07:49	54	15:07	295	−1.9	34.2	5.757628	332.2	188.21
15 oktober	00:27	65	07:45	54	15:04	295	−1.9	34.3	5.744161	130.1	338.39
16 oktober	00:24	65	07:42	54	15:00	294	−1.9	34.4	5.730576	287.9	128.57
17 oktober	00:21	66	07:39	54	14:57	294	−1.9	34.5	5.716878	85.7	278.76
18 oktober	00:18	66	07:35	54	14:53	294	−1.9	34.6	5.703069	243.5	68.95
19 oktober	00:15	66	07:32	54	14:49	294	−1.9	34.7	5.689151	41.3	219.14
20 oktober	00:12	66	07:29	54	14:46	294	−1.9	34.7	5.675129	199.1	9.33
21 oktober	00:08	66	07:25	54	14:42	294	−1.9	34.8	5.661003	357.0	159.53
22 oktober	00:05	66	07:22	54	14:39	294	−2.0	34.9	5.646777	154.8	309.72
23 oktober	00:02	66	07:19	54	14:35	294	−2.0	35.0	5.632454	312.6	99.92
24 oktober	23:56	66	07:15	54	14:31	294	−2.0	35.1	5.618036	110.5	250.13
25 oktober	23:53	66	07:12	54	14:28	294	−2.0	35.2	5.603528	268.3	40.33
26 oktober	23:50	66	07:08	54	14:24	294	−2.0	35.3	5.588931	66.1	190.54
27 oktober	23:46	66	07:05	53	14:20	294	−2.0	35.4	5.574249	224.0	340.75
28 oktober	23:43	66	07:02	53	14:17	294	−2.0	35.5	5.559484	21.8	130.96
29 oktober	23:40	67	06:58	53	14:13	294	−2.0	35.6	5.544637	179.7	281.18
30 oktober	23:37	67	06:55	53	14:09	293	−2.0	35.7	5.529713	337.5	71.4
31 oktober	23:33	67	06:51	53	14:06	293	−2.0	35.7	5.514715	135.4	221.62
1 november	23:30	67	06:48	53	14:02	293	−2.0	35.8	5.499644	293.2	11.84
2 november	23:27	67	06:44	53	13:58	293	−2.0	35.9	5.484506	91.1	162.07
3 november	23:24	67	06:41	53	13:55	293	−2.0	36.0	5.469303	248.9	312.29
4 november	23:20	67	06:37	53	13:51	293	−2.0	36.1	5.454037	46.8	102.53
5 november	23:17	67	06:34	53	13:47	293	−2.0	36.2	5.438713	204.7	252.76
6 november	23:14	67	06:30	53	13:44	293	−2.0	36.4	5.423334	2.5	43
7 november	23:10	67	06:27	53	13:40	293	−2.0	36.5	5.407904	160.4	193.24
8 november	23:07	67	06:23	53	13:36	293	−2.0	36.6	5.392427	318.3	343.48
9 november	23:04	67	06:20	53	13:33	293	−2.0	36.7	5.376908	116.2	133.72

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)	Rotatie	
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)				Systeem I 0 ^h UT	Systeem II 0 ^h UT
2026											
10 november	23:00	67	06:16	53	13:29	293	−2.1	36.8	5.361350	274.0	283.97
11 november	22:57	67	06:13	53	13:25	293	−2.1	36.9	5.345757	71.9	74.22
12 november	22:53	67	06:09	53	13:22	293	−2.1	37.0	5.330134	229.8	224.48
13 november	22:50	67	06:06	53	13:18	293	−2.1	37.1	5.314483	27.7	14.73
14 november	22:47	67	06:02	53	13:14	293	−2.1	37.2	5.298811	185.6	164.99
15 november	22:43	67	05:58	53	13:10	293	−2.1	37.3	5.283120	343.5	315.25
16 november	22:40	67	05:55	53	13:07	293	−2.1	37.4	5.267417	141.4	105.52
17 november	22:36	67	05:51	53	13:03	293	−2.1	37.5	5.251704	299.3	255.79
18 november	22:33	68	05:48	53	12:59	292	−2.1	37.7	5.235986	97.2	46.06
19 november	22:29	68	05:44	53	12:55	292	−2.1	37.8	5.220267	255.1	196.33
20 november	22:25	68	05:40	53	12:52	292	−2.1	37.9	5.204550	53.0	346.6
21 november	22:22	68	05:37	53	12:48	292	−2.1	38.0	5.188841	210.9	136.88
22 november	22:18	68	05:33	53	12:44	292	−2.1	38.1	5.173143	8.8	287.17
23 november	22:15	68	05:29	53	12:40	292	−2.1	38.2	5.157461	166.7	77.45
24 november	22:11	68	05:26	53	12:36	292	−2.1	38.3	5.141799	324.6	227.74
25 november	22:07	68	05:22	53	12:33	292	−2.1	38.5	5.126159	122.5	18.03
26 november	22:04	68	05:18	53	12:29	292	−2.2	38.6	5.110547	280.5	168.32
27 november	22:00	68	05:14	53	12:25	292	−2.2	38.7	5.094966	78.4	318.62
28 november	21:57	68	05:11	53	12:21	292	−2.2	38.8	5.079421	236.3	108.91
29 november	21:53	68	05:07	53	12:17	292	−2.2	38.9	5.063914	34.3	259.22
30 november	21:49	68	05:03	53	12:14	292	−2.2	39.1	5.048453	192.2	49.52
1 december	21:45	68	04:59	53	12:10	292	−2.2	39.2	5.033041	350.1	199.83
2 december	21:42	68	04:56	53	12:06	292	−2.2	39.3	5.017683	148.1	350.14
3 december	21:38	68	04:52	53	12:02	292	−2.2	39.4	5.002383	306.0	140.45
4 december	21:34	68	04:48	53	11:58	292	−2.2	39.5	4.987147	104.0	290.77
5 december	21:30	68	04:44	53	11:54	292	−2.2	39.7	4.971979	261.9	81.09
6 december	21:26	68	04:40	53	11:51	292	−2.2	39.8	4.956884	59.9	231.41
7 december	21:23	68	04:37	53	11:47	292	−2.2	39.9	4.941869	217.8	21.73
8 december	21:19	68	04:33	53	11:43	292	−2.2	40.0	4.926938	15.8	172.06
9 december	21:15	68	04:29	53	11:39	292	−2.2	40.1	4.912097	173.7	322.39
10 december	21:11	68	04:25	53	11:35	292	−2.3	40.3	4.897349	331.7	112.72
11 december	21:07	68	04:21	53	11:31	292	−2.3	40.4	4.882701	129.7	263.06
12 december	21:03	68	04:17	53	11:27	292	−2.3	40.5	4.868157	287.6	53.4
13 december	20:59	68	04:13	53	11:23	292	−2.3	40.6	4.853723	85.6	203.74
14 december	20:55	68	04:09	53	11:19	292	−2.3	40.7	4.839404	243.6	354.08
15 december	20:51	68	04:05	53	11:16	292	−2.3	40.9	4.825206	41.6	144.43
16 december	20:47	68	04:01	53	11:12	292	−2.3	41.0	4.811133	199.5	294.78
17 december	20:43	68	03:57	53	11:08	292	−2.3	41.1	4.797190	357.5	85.13
18 december	20:39	68	03:53	53	11:04	292	−2.3	41.2	4.783382	155.5	235.48
19 december	20:35	68	03:49	53	11:00	292	−2.3	41.3	4.769714	313.5	25.84
20 december	20:31	68	03:45	53	10:56	292	−2.3	41.5	4.756190	111.5	176.2
21 december	20:27	68	03:41	53	10:52	292	−2.3	41.6	4.742816	269.5	326.56
22 december	20:23	68	03:37	53	10:48	292	−2.3	41.7	4.729596	67.5	116.92
23 december	20:19	68	03:33	53	10:44	292	−2.3	41.8	4.716536	225.5	267.29
24 december	20:14	68	03:29	53	10:40	292	−2.4	41.9	4.703638	23.5	57.66
25 december	20:10	68	03:25	53	10:36	292	−2.4	42.0	4.690907	181.5	208.03
26 december	20:06	68	03:21	53	10:32	292	−2.4	42.1	4.678348	339.5	358.4
27 december	20:02	68	03:17	53	10:28	292	−2.4	42.3	4.665965	137.5	148.78
28 december	19:58	68	03:13	53	10:24	292	−2.4	42.4	4.653764	295.5	299.16
29 december	19:53	68	03:09	53	10:20	292	−2.4	42.5	4.641749	93.5	89.54
30 december	19:49	67	03:05	53	10:16	292	−2.4	42.6	4.629926	251.5	239.92
31 december	19:45	67	03:01	53	10:12	293	−2.4	42.7	4.618299	49.5	30.31

Saturnus

2026	Opkomst		Culminatie		Ondergang		Magnitude	Equatoriale Diameter (")	Ring grote as (")	Ring kleine as (")	Afstand (AE)
	UT (h:m)	Azimut (°)	Culminatie	Hoogte (°)	Ondergang	Azimut (°)					
1 januari	11:02	95	16:47	36	22:32	265	1.0	17.1	38.6	0.8	9.715232
2 januari	10:58	95	16:43	36	22:28	265	1.0	17.1	38.6	0.8	9.731249
3 januari	10:54	95	16:39	36	22:25	265	1.0	17.1	38.5	0.8	9.747192
4 januari	10:50	95	16:36	36	22:21	265	1.0	17.0	38.4	0.9	9.763057
5 januari	10:46	95	16:32	36	22:18	265	1.0	17.0	38.4	0.9	9.778842
6 januari	10:43	95	16:28	36	22:14	265	1.0	17.0	38.3	0.9	9.794541
7 januari	10:39	95	16:25	36	22:11	265	1.0	16.9	38.3	0.9	9.810150
8 januari	10:35	95	16:21	36	22:07	265	1.0	16.9	38.2	1.0	9.825666
9 januari	10:31	95	16:17	36	22:04	265	1.0	16.9	38.1	1.0	9.841084
10 januari	10:27	95	16:14	36	22:00	265	1.0	16.9	38.1	1.0	9.856401
11 januari	10:23	95	16:10	36	21:57	266	1.0	16.8	38.0	1.0	9.871611
12 januari	10:20	94	16:06	36	21:53	266	1.0	16.8	38.0	1.1	9.886711
13 januari	10:16	94	16:03	36	21:50	266	1.0	16.8	37.9	1.1	9.901697
14 januari	10:12	94	15:59	36	21:46	266	1.0	16.8	37.9	1.1	9.916565
15 januari	10:08	94	15:55	36	21:43	266	1.0	16.7	37.8	1.2	9.931311
16 januari	10:04	94	15:52	36	21:39	266	1.0	16.7	37.7	1.2	9.945930
17 januari	10:00	94	15:48	36	21:36	266	1.0	16.7	37.7	1.2	9.960419
18 januari	09:57	94	15:44	36	21:32	266	1.0	16.7	37.6	1.3	9.974775
19 januari	09:53	94	15:41	36	21:29	266	1.0	16.6	37.6	1.3	9.988992
20 januari	09:49	94	15:37	36	21:25	266	1.0	16.6	37.5	1.3	10.003067
21 januari	09:45	94	15:33	36	21:22	266	1.0	16.6	37.5	1.4	10.016997
22 januari	09:41	94	15:30	36	21:18	266	1.0	16.6	37.4	1.4	10.030777
23 januari	09:38	94	15:26	36	21:15	266	1.0	16.5	37.4	1.4	10.044403
24 januari	09:34	94	15:23	36	21:12	266	1.0	16.5	37.3	1.5	10.057873
25 januari	09:30	94	15:19	36	21:08	266	1.0	16.5	37.3	1.5	10.071183
26 januari	09:26	94	15:15	36	21:05	266	1.0	16.5	37.2	1.5	10.084328
27 januari	09:22	94	15:12	37	21:01	266	1.0	16.5	37.2	1.6	10.097308
28 januari	09:19	94	15:08	37	20:58	266	1.0	16.4	37.1	1.6	10.110118
29 januari	09:15	93	15:05	37	20:55	267	1.0	16.4	37.1	1.6	10.122756
30 januari	09:11	93	15:01	37	20:51	267	1.0	16.4	37.0	1.7	10.135219
31 januari	09:07	93	14:58	37	20:48	267	1.0	16.4	37.0	1.7	10.147505
1 februari	09:04	93	14:54	37	20:44	267	1.0	16.4	36.9	1.7	10.159612
2 februari	09:00	93	14:50	37	20:41	267	1.0	16.3	36.9	1.8	10.171537
3 februari	08:56	93	14:47	37	20:38	267	1.0	16.3	36.9	1.8	10.183278
4 februari	08:52	93	14:43	37	20:34	267	1.0	16.3	36.8	1.8	10.194833
5 februari	08:49	93	14:40	37	20:31	267	1.0	16.3	36.8	1.9	10.206198
6 februari	08:45	93	14:36	37	20:28	267	1.0	16.3	36.7	1.9	10.217371
7 februari	08:41	93	14:33	37	20:24	267	1.0	16.2	36.7	1.9	10.228350
8 februari	08:37	93	14:29	37	20:21	267	1.0	16.2	36.7	2.0	10.239131
9 februari	08:33	93	14:25	37	20:18	267	1.0	16.2	36.6	2.0	10.249712
10 februari	08:30	93	14:22	37	20:14	267	1.0	16.2	36.6	2.1	10.260090
11 februari	08:26	93	14:18	37	20:11	267	1.0	16.2	36.5	2.1	10.270263
12 februari	08:22	93	14:15	37	20:08	267	1.0	16.2	36.5	2.1	10.280228
13 februari	08:18	92	14:11	37	20:04	268	1.0	16.2	36.5	2.2	10.289983
14 februari	08:15	92	14:08	37	20:01	268	1.0	16.1	36.4	2.2	10.299525
15 februari	08:11	92	14:04	37	19:58	268	1.0	16.1	36.4	2.3	10.308852
16 februari	08:07	92	14:01	37	19:54	268	1.0	16.1	36.4	2.3	10.317961
17 februari	08:03	92	13:57	37	19:51	268	1.0	16.1	36.3	2.3	10.326851
18 februari	08:00	92	13:54	37	19:48	268	1.0	16.1	36.3	2.4	10.335520
19 februari	07:56	92	13:50	38	19:45	268	1.0	16.1	36.3	2.4	10.343964
20 februari	07:52	92	13:47	38	19:41	268	1.0	16.1	36.3	2.4	10.352184
21 februari	07:48	92	13:43	38	19:38	268	1.0	16.0	36.2	2.5	10.360176

2026	Opkomst		Culminatie		Ondergang		Magnitude	Equatoriale Diameter (")	Ring grote as (")	Ring kleine as (")	Afstand (AE)
	UT (h:m)	Azimut (°)	Culminatie	Hoogte (°)	Ondergang	Azimut (°)					
22 februari	07:45	92	13:40	38	19:35	268	1.0	16.0	36.2	2.5	10.367939
23 februari	07:41	92	13:36	38	19:31	268	1.0	16.0	36.2	2.6	10.375471
24 februari	07:37	92	13:33	38	19:28	268	1.0	16.0	36.2	2.6	10.382771
25 februari	07:33	92	13:29	38	19:25	268	1.0	16.0	36.1	2.6	10.389838
26 februari	07:30	92	13:26	38	19:22	269	1.0	16.0	36.1	2.7	10.396671
27 februari	07:26	91	13:22	38	19:18	269	1.0	16.0	36.1	2.7	10.403268
28 februari	07:22	91	13:19	38	19:15	269	1.0	16.0	36.1	2.8	10.409628
1 maart	07:18	91	13:15	38	19:12	269	1.0	16.0	36.0	2.8	10.415751
2 maart	07:15	91	13:12	38	19:09	269	1.0	15.9	36.0	2.9	10.421637
3 maart	07:11	91	13:08	38	19:05	269	1.0	15.9	36.0	2.9	10.427283
4 maart	07:07	91	13:05	38	19:02	269	1.0	15.9	36.0	2.9	10.432690
5 maart	07:04	91	13:01	38	18:59	269	1.0	15.9	36.0	3.0	10.437856
6 maart	07:00	91	12:58	38	18:56	269	1.0	15.9	35.9	3.0	10.442781
7 maart	06:56	91	12:54	38	18:52	269	1.0	15.9	35.9	3.1	10.447463
8 maart	06:52	91	12:51	38	18:49	269	1.0	15.9	35.9	3.1	10.451902
9 maart	06:49	91	12:47	38	18:46	269	1.0	15.9	35.9	3.1	10.456097
10 maart	06:45	91	12:44	38	18:43	269	1.0	15.9	35.9	3.2	10.460047
11 maart	06:41	91	12:40	38	18:39	270	1.0	15.9	35.9	3.2	10.463750
12 maart	06:38	90	12:37	39	18:36	270	1.0	15.9	35.9	3.3	10.467206
13 maart	06:34	90	12:33	39	18:33	270	1.0	15.9	35.8	3.3	10.470413
14 maart	06:30	90	12:30	39	18:30	270	1.0	15.9	35.8	3.4	10.473371
15 maart	06:26	90	12:26	39	18:26	270	1.0	15.9	35.8	3.4	10.476079
16 maart	06:23	90	12:23	39	18:23	270	0.9	15.9	35.8	3.4	10.478536
17 maart	06:19	90	12:19	39	18:20	270	0.9	15.9	35.8	3.5	10.480741
18 maart	06:15	90	12:16	39	18:17	270	0.9	15.9	35.8	3.5	10.482695
19 maart	06:11	90	12:12	39	18:13	270	0.9	15.9	35.8	3.6	10.484396
20 maart	06:08	90	12:09	39	18:10	270	0.9	15.8	35.8	3.6	10.485844
21 maart	06:04	90	12:05	39	18:07	270	0.9	15.8	35.8	3.7	10.487040
22 maart	06:00	90	12:02	39	18:04	270	0.9	15.8	35.8	3.7	10.487983
23 maart	05:57	90	11:58	39	18:00	270	0.9	15.8	35.8	3.7	10.488674
24 maart	05:53	90	11:55	39	17:57	271	0.9	15.8	35.8	3.8	10.489113
25 maart	05:49	89	11:52	39	17:54	271	0.9	15.8	35.8	3.8	10.489301
26 maart	05:45	89	11:48	39	17:51	271	0.9	15.8	35.8	3.9	10.489237
27 maart	05:42	89	11:45	39	17:47	271	0.9	15.8	35.8	3.9	10.488923
28 maart	05:38	89	11:41	39	17:44	271	0.9	15.8	35.8	4.0	10.488359
29 maart	05:34	89	11:38	39	17:41	271	0.9	15.8	35.8	4.0	10.487545
30 maart	05:31	89	11:34	39	17:38	271	0.9	15.8	35.8	4.0	10.486482
31 maart	05:27	89	11:31	39	17:35	271	0.9	15.9	35.8	4.1	10.485170
1 april	05:23	89	11:27	39	17:31	271	0.9	15.9	35.8	4.1	10.483611
2 april	05:19	89	11:24	40	17:28	271	0.9	15.9	35.8	4.2	10.481804
3 april	05:16	89	11:20	40	17:25	271	0.9	15.9	35.8	4.2	10.479750
4 april	05:12	89	11:17	40	17:22	271	0.9	15.9	35.8	4.3	10.477451
5 april	05:08	89	11:13	40	17:18	271	0.9	15.9	35.8	4.3	10.474905
6 april	05:05	89	11:10	40	17:15	272	0.9	15.9	35.8	4.3	10.472115
7 april	05:01	88	11:06	40	17:12	272	0.9	15.9	35.9	4.4	10.469080
8 april	04:57	88	11:03	40	17:09	272	0.9	15.9	35.9	4.4	10.465801
9 april	04:53	88	10:59	40	17:05	272	0.9	15.9	35.9	4.5	10.462279
10 april	04:50	88	10:56	40	17:02	272	0.9	15.9	35.9	4.5	10.458514
11 april	04:46	88	10:52	40	16:59	272	0.9	15.9	35.9	4.6	10.454508
12 april	04:42	88	10:49	40	16:56	272	0.9	15.9	35.9	4.6	10.450259
13 april	04:39	88	10:45	40	16:52	272	0.9	15.9	35.9	4.6	10.445770
14 april	04:35	88	10:42	40	16:49	272	0.9	15.9	35.9	4.7	10.441040

2026	Opkomst		Culminatie		Ondergang		Magnitude	Equatoriale Diameter (")	Ring grote as (")	Ring kleine as (")	Afstand (AE)
	UT (h:m)	Azimut (°)	Culminatie	Hoogte (°)	Ondergang	Azimut (°)					
15 april	04:31	88	10:38	40	16:46	272	0.9	15.9	36.0	4.7	10.436071
16 april	04:27	88	10:35	40	16:43	272	0.9	15.9	36.0	4.8	10.430863
17 april	04:24	88	10:31	40	16:39	272	0.9	15.9	36.0	4.8	10.425418
18 april	04:20	88	10:28	40	16:36	272	0.9	15.9	36.0	4.9	10.419736
19 april	04:16	88	10:24	40	16:33	272	0.9	16.0	36.0	4.9	10.413820
20 april	04:13	87	10:21	40	16:29	273	0.9	16.0	36.1	4.9	10.407671
21 april	04:09	87	10:17	40	16:26	273	0.9	16.0	36.1	5.0	10.401291
22 april	04:05	87	10:14	40	16:23	273	0.9	16.0	36.1	5.0	10.394681
23 april	04:01	87	10:10	41	16:20	273	0.9	16.0	36.1	5.1	10.387845
24 april	03:58	87	10:07	41	16:16	273	0.9	16.0	36.2	5.1	10.380783
25 april	03:54	87	10:03	41	16:13	273	0.9	16.0	36.2	5.2	10.373498
26 april	03:50	87	10:00	41	16:10	273	0.9	16.0	36.2	5.2	10.365992
27 april	03:47	87	09:56	41	16:06	273	0.9	16.0	36.2	5.2	10.358267
28 april	03:43	87	09:53	41	16:03	273	0.9	16.1	36.3	5.3	10.350324
29 april	03:39	87	09:49	41	16:00	273	0.9	16.1	36.3	5.3	10.342165
30 april	03:35	87	09:46	41	15:57	273	0.9	16.1	36.3	5.4	10.333793
1 mei	03:32	87	09:42	41	15:53	273	0.9	16.1	36.4	5.4	10.325207
2 mei	03:28	87	09:39	41	15:50	273	0.9	16.1	36.4	5.5	10.316411
3 mei	03:24	87	09:35	41	15:47	273	0.9	16.1	36.4	5.5	10.307406
4 mei	03:21	87	09:32	41	15:43	274	0.9	16.1	36.4	5.5	10.298194
5 mei	03:17	86	09:28	41	15:40	274	0.9	16.2	36.5	5.6	10.288777
6 mei	03:13	86	09:25	41	15:37	274	0.9	16.2	36.5	5.6	10.279156
7 mei	03:09	86	09:21	41	15:33	274	0.9	16.2	36.6	5.7	10.269333
8 mei	03:06	86	09:18	41	15:30	274	0.9	16.2	36.6	5.7	10.259311
9 mei	03:02	86	09:14	41	15:27	274	0.9	16.2	36.6	5.7	10.249091
10 mei	02:58	86	09:11	41	15:23	274	0.9	16.2	36.7	5.8	10.238676
11 mei	02:54	86	09:07	41	15:20	274	0.9	16.2	36.7	5.8	10.228067
12 mei	02:51	86	09:04	41	15:17	274	0.9	16.3	36.7	5.9	10.217266
13 mei	02:47	86	09:00	41	15:13	274	0.9	16.3	36.8	5.9	10.206276
14 mei	02:43	86	08:56	41	15:10	274	0.9	16.3	36.8	5.9	10.195098
15 mei	02:40	86	08:53	41	15:06	274	0.9	16.3	36.9	6.0	10.183735
16 mei	02:36	86	08:49	41	15:03	274	0.9	16.3	36.9	6.0	10.172190
17 mei	02:32	86	08:46	41	15:00	274	0.9	16.4	36.9	6.1	10.160464
18 mei	02:28	86	08:42	42	14:56	274	0.9	16.4	37.0	6.1	10.148561
19 mei	02:25	86	08:39	42	14:53	274	0.9	16.4	37.0	6.1	10.136484
20 mei	02:21	86	08:35	42	14:50	274	0.9	16.4	37.1	6.2	10.124235
21 mei	02:17	85	08:32	42	14:46	275	0.9	16.4	37.1	6.2	10.111818
22 mei	02:13	85	08:28	42	14:43	275	0.9	16.5	37.2	6.3	10.099237
23 mei	02:10	85	08:24	42	14:39	275	0.9	16.5	37.2	6.3	10.086494
24 mei	02:06	85	08:21	42	14:36	275	0.9	16.5	37.3	6.3	10.073592
25 mei	02:02	85	08:17	42	14:32	275	0.9	16.5	37.3	6.4	10.060535
26 mei	01:58	85	08:14	42	14:29	275	0.9	16.5	37.4	6.4	10.047326
27 mei	01:55	85	08:10	42	14:26	275	0.9	16.6	37.4	6.4	10.033968
28 mei	01:51	85	08:06	42	14:22	275	0.9	16.6	37.5	6.5	10.020463
29 mei	01:47	85	08:03	42	14:19	275	0.9	16.6	37.5	6.5	10.006815
30 mei	01:43	85	07:59	42	14:15	275	0.9	16.6	37.6	6.6	9.993026
31 mei	01:40	85	07:56	42	14:12	275	0.9	16.7	37.6	6.6	9.979099
1 juni	01:36	85	07:52	42	14:08	275	0.9	16.7	37.7	6.6	9.965036
2 juni	01:32	85	07:48	42	14:05	275	0.9	16.7	37.7	6.7	9.950842
3 juni	01:28	85	07:45	42	14:01	275	0.9	16.7	37.8	6.7	9.936517
4 juni	01:24	85	07:41	42	13:58	275	0.9	16.7	37.8	6.7	9.922066
5 juni	01:21	85	07:37	42	13:54	275	0.9	16.8	37.9	6.8	9.907491

2026	Opkomst		Culminatie		Ondergang		Magnitude	Equatoriale Diameter (")	Ring grote as (")	Ring kleine as (")	Afstand (AE)
	UT (h:m)	Azimut (°)	Culminatie	Hoogte (°)	Ondergang	Azimut (°)					
6 juni	01:17	85	07:34	42	13:51	275	0.9	16.8	37.9	6.8	9.892796
7 juni	01:13	85	07:30	42	13:47	275	0.9	16.8	38.0	6.8	9.877983
8 juni	01:09	85	07:27	42	13:44	275	0.9	16.9	38.1	6.9	9.863055
9 juni	01:06	85	07:23	42	13:40	275	0.9	16.9	38.1	6.9	9.848016
10 juni	01:02	85	07:19	42	13:37	275	0.9	16.9	38.2	6.9	9.832869
11 juni	00:58	85	07:16	42	13:33	276	0.8	16.9	38.2	7.0	9.817618
12 juni	00:54	84	07:12	42	13:30	276	0.8	17.0	38.3	7.0	9.802267
13 juni	00:51	84	07:08	42	13:26	276	0.8	17.0	38.4	7.0	9.786817
14 juni	00:47	84	07:05	42	13:22	276	0.8	17.0	38.4	7.1	9.771274
15 juni	00:43	84	07:01	42	13:19	276	0.8	17.0	38.5	7.1	9.755642
16 juni	00:39	84	06:57	42	13:15	276	0.8	17.1	38.5	7.1	9.739923
17 juni	00:35	84	06:54	42	13:12	276	0.8	17.1	38.6	7.2	9.724123
18 juni	00:32	84	06:50	42	13:08	276	0.8	17.1	38.7	7.2	9.708245
19 juni	00:28	84	06:46	42	13:05	276	0.8	17.1	38.7	7.2	9.692293
20 juni	00:24	84	06:42	42	13:01	276	0.8	17.2	38.8	7.3	9.676272
21 juni	00:20	84	06:39	42	12:57	276	0.8	17.2	38.9	7.3	9.660186
22 juni	00:16	84	06:35	42	12:54	276	0.8	17.2	38.9	7.3	9.644038
23 juni	00:13	84	06:31	43	12:50	276	0.8	17.3	39.0	7.3	9.627832
24 juni	00:09	84	06:28	43	12:46	276	0.8	17.3	39.1	7.4	9.611574
25 juni	00:05	84	06:24	43	12:43	276	0.8	17.3	39.1	7.4	9.595266
26 juni	00:01	84	06:20	43	12:39	276	0.8	17.4	39.2	7.4	9.578912
27 juni	23:53	84	06:16	43	12:35	276	0.8	17.4	39.3	7.5	9.562517
28 juni	23:50	84	06:13	43	12:32	276	0.8	17.4	39.3	7.5	9.546084
29 juni	23:46	84	06:09	43	12:28	276	0.8	17.4	39.4	7.5	9.529617
30 juni	23:42	84	06:05	43	12:24	276	0.8	17.5	39.5	7.5	9.513120
1 juli	23:38	84	06:01	43	12:21	276	0.8	17.5	39.5	7.6	9.496596
2 juli	23:34	84	05:58	43	12:17	276	0.8	17.5	39.6	7.6	9.480049
3 juli	23:30	84	05:54	43	12:13	276	0.8	17.6	39.7	7.6	9.463483
4 juli	23:27	84	05:50	43	12:09	276	0.8	17.6	39.7	7.6	9.446901
5 juli	23:23	84	05:46	43	12:06	276	0.8	17.6	39.8	7.7	9.430308
6 juli	23:19	84	05:42	43	12:02	276	0.8	17.7	39.9	7.7	9.413708
7 juli	23:15	84	05:39	43	11:58	276	0.7	17.7	39.9	7.7	9.397103
8 juli	23:11	84	05:35	43	11:54	276	0.7	17.7	40.0	7.7	9.380500
9 juli	23:07	84	05:31	43	11:51	276	0.7	17.7	40.1	7.7	9.363901
10 juli	23:04	84	05:27	43	11:47	276	0.7	17.8	40.2	7.8	9.347312
11 juli	23:00	84	05:23	43	11:43	276	0.7	17.8	40.2	7.8	9.330737
12 juli	22:56	84	05:19	43	11:39	276	0.7	17.8	40.3	7.8	9.314181
13 juli	22:52	84	05:16	43	11:35	276	0.7	17.9	40.4	7.8	9.297648
14 juli	22:48	84	05:12	43	11:32	276	0.7	17.9	40.4	7.8	9.281144
15 juli	22:44	84	05:08	43	11:28	276	0.7	17.9	40.5	7.9	9.264673
16 juli	22:40	84	05:04	43	11:24	276	0.7	18.0	40.6	7.9	9.248240
17 juli	22:37	84	05:00	43	11:20	276	0.7	18.0	40.7	7.9	9.231850
18 juli	22:33	84	04:56	43	11:16	276	0.7	18.0	40.7	7.9	9.215507
19 juli	22:29	84	04:53	43	11:12	276	0.7	18.1	40.8	7.9	9.199217
20 juli	22:25	84	04:49	43	11:08	276	0.7	18.1	40.9	7.9	9.182983
21 juli	22:21	84	04:45	43	11:05	276	0.7	18.1	40.9	8.0	9.166810
22 juli	22:17	84	04:41	43	11:01	276	0.7	18.2	41.0	8.0	9.150702
23 juli	22:13	84	04:37	43	10:57	276	0.7	18.2	41.1	8.0	9.134665
24 juli	22:09	84	04:33	43	10:53	276	0.7	18.2	41.2	8.0	9.118701
25 juli	22:05	84	04:29	43	10:49	276	0.7	18.3	41.2	8.0	9.102817
26 juli	22:01	84	04:25	43	10:45	276	0.7	18.3	41.3	8.0	9.087015
27 juli	21:58	84	04:21	43	10:41	276	0.7	18.3	41.4	8.0	9.071301

2026	Opkomst		Culminatie		Ondergang		Magnitude	Equatoriale Diameter (")	Ring grote as (")	Ring kleine as (")	Afstand (AE)
	UT (h:m)	Azimut (°)	Culminatie	Hoogte (°)	Ondergang	Azimut (°)					
28 juli	21:54	84	04:17	43	10:37	276	0.7	18.4	41.4	8.0	9.055679
29 juli	21:50	84	04:13	43	10:33	276	0.6	18.4	41.5	8.0	9.040153
30 juli	21:46	84	04:09	43	10:29	276	0.6	18.4	41.6	8.1	9.024727
31 juli	21:42	84	04:06	43	10:25	276	0.6	18.4	41.7	8.1	9.009406
1 augustus	21:38	84	04:02	43	10:21	276	0.6	18.5	41.7	8.1	8.994194
2 augustus	21:34	84	03:58	43	10:17	276	0.6	18.5	41.8	8.1	8.979094
3 augustus	21:30	84	03:54	43	10:13	276	0.6	18.5	41.9	8.1	8.964112
4 augustus	21:26	84	03:50	43	10:09	276	0.6	18.6	41.9	8.1	8.949251
5 augustus	21:22	84	03:46	43	10:05	276	0.6	18.6	42.0	8.1	8.934515
6 augustus	21:18	84	03:42	43	10:01	276	0.6	18.6	42.1	8.1	8.919910
7 augustus	21:14	84	03:38	43	09:57	276	0.6	18.7	42.1	8.1	8.905439
8 augustus	21:10	84	03:34	43	09:53	276	0.6	18.7	42.2	8.1	8.891108
9 augustus	21:07	84	03:30	43	09:49	276	0.6	18.7	42.3	8.1	8.876921
10 augustus	21:03	84	03:26	43	09:45	276	0.6	18.8	42.4	8.1	8.862883
11 augustus	20:59	84	03:22	43	09:41	276	0.6	18.8	42.4	8.1	8.849000
12 augustus	20:55	84	03:18	43	09:37	276	0.6	18.8	42.5	8.1	8.835275
13 augustus	20:51	84	03:14	43	09:33	276	0.6	18.8	42.5	8.1	8.821715
14 augustus	20:47	84	03:10	43	09:28	276	0.6	18.9	42.6	8.1	8.808323
15 augustus	20:43	84	03:06	43	09:24	276	0.6	18.9	42.7	8.1	8.795105
16 augustus	20:39	84	03:02	43	09:20	276	0.6	18.9	42.7	8.1	8.782065
17 augustus	20:35	84	02:57	42	09:16	276	0.6	19.0	42.8	8.1	8.769207
18 augustus	20:31	84	02:53	42	09:12	276	0.5	19.0	42.9	8.1	8.756535
19 augustus	20:27	84	02:49	42	09:08	276	0.5	19.0	42.9	8.1	8.744053
20 augustus	20:23	84	02:45	42	09:04	276	0.5	19.0	43.0	8.1	8.731765
21 augustus	20:19	84	02:41	42	08:59	276	0.5	19.1	43.0	8.1	8.719676
22 augustus	20:15	84	02:37	42	08:55	276	0.5	19.1	43.1	8.0	8.707787
23 augustus	20:11	84	02:33	42	08:51	276	0.5	19.1	43.2	8.0	8.696105
24 augustus	20:07	84	02:29	42	08:47	276	0.5	19.1	43.2	8.0	8.684631
25 augustus	20:03	84	02:25	42	08:43	276	0.5	19.2	43.3	8.0	8.673370
26 augustus	19:59	84	02:21	42	08:38	276	0.5	19.2	43.3	8.0	8.662326
27 augustus	19:55	84	02:17	42	08:34	276	0.5	19.2	43.4	8.0	8.651502
28 augustus	19:51	85	02:13	42	08:30	276	0.5	19.2	43.4	8.0	8.640901
29 augustus	19:47	85	02:08	42	08:26	275	0.5	19.3	43.5	8.0	8.630528
30 augustus	19:43	85	02:04	42	08:22	275	0.5	19.3	43.5	8.0	8.620385
31 augustus	19:39	85	02:00	42	08:17	275	0.5	19.3	43.6	7.9	8.610477
1 september	19:35	85	01:56	42	08:13	275	0.5	19.3	43.6	7.9	8.600806
2 september	19:31	85	01:52	42	08:09	275	0.5	19.3	43.7	7.9	8.591376
3 september	19:27	85	01:48	42	08:04	275	0.5	19.4	43.7	7.9	8.582191
4 september	19:23	85	01:44	42	08:00	275	0.5	19.4	43.8	7.9	8.573254
5 september	19:19	85	01:39	42	07:56	275	0.5	19.4	43.8	7.9	8.564567
6 september	19:15	85	01:35	42	07:52	275	0.5	19.4	43.9	7.8	8.556136
7 september	19:11	85	01:31	42	07:47	275	0.5	19.4	43.9	7.8	8.547963
8 september	19:07	85	01:27	42	07:43	275	0.4	19.5	44.0	7.8	8.540052
9 september	19:03	85	01:23	42	07:39	275	0.4	19.5	44.0	7.8	8.532406
10 september	18:59	85	01:19	42	07:34	275	0.4	19.5	44.0	7.8	8.525028
11 september	18:55	85	01:14	42	07:30	275	0.4	19.5	44.1	7.7	8.517922
12 september	18:51	85	01:10	42	07:26	275	0.4	19.5	44.1	7.7	8.511091
13 september	18:47	85	01:06	42	07:21	275	0.4	19.5	44.1	7.7	8.504538
14 september	18:43	85	01:02	42	07:17	275	0.4	19.6	44.2	7.7	8.498265
15 september	18:39	85	00:58	42	07:13	275	0.4	19.6	44.2	7.6	8.492274
16 september	18:34	85	00:54	42	07:08	275	0.4	19.6	44.2	7.6	8.486568
17 september	18:30	85	00:49	42	07:04	275	0.4	19.6	44.3	7.6	8.481150

2026	Opkomst		Culminatie		Ondergang						Afstand (AE)
	UT (h:m)	Azimut (°)	Culminatie	Hoogte (°)	Ondergang	Azimut (°)	Magnitude	Equatoriale Diameter (")	Ring grote as (")	Ring kleine as (")	
18 september	18:26	85	00:45	42	07:00	275	0.4	19.6	44.3	7.6	8.476019
19 september	18:22	85	00:41	42	06:55	275	0.4	19.6	44.3	7.5	8.471179
20 september	18:18	85	00:37	42	06:51	275	0.4	19.6	44.3	7.5	8.466631
21 september	18:14	86	00:33	42	06:47	274	0.4	19.6	44.4	7.5	8.462377
22 september	18:10	86	00:28	42	06:42	274	0.4	19.6	44.4	7.4	8.458417
23 september	18:06	86	00:24	42	06:38	274	0.4	19.7	44.4	7.4	8.454753
24 september	18:02	86	00:20	42	06:34	274	0.4	19.7	44.4	7.4	8.451386
25 september	17:58	86	00:16	41	06:29	274	0.4	19.7	44.4	7.4	8.448317
26 september	17:54	86	00:12	41	06:25	274	0.4	19.7	44.4	7.3	8.445548
27 september	17:50	86	00:07	41	06:21	274	0.4	19.7	44.5	7.3	8.443080
28 september	17:46	86	00:03	41	06:16	274	0.4	19.7	44.5	7.3	8.440913
29 september	17:42	86	23:55	41	06:12	274	0.4	19.7	44.5	7.2	8.439049
30 september	17:38	86	23:50	41	06:07	274	0.4	19.7	44.5	7.2	8.437489
1 oktober	17:34	86	23:46	41	06:03	274	0.3	19.7	44.5	7.2	8.436234
2 oktober	17:30	86	23:42	41	05:59	274	0.3	19.7	44.5	7.1	8.435285
3 oktober	17:25	86	23:38	41	05:54	274	0.3	19.7	44.5	7.1	8.434643
4 oktober	17:21	86	23:34	41	05:50	274	0.3	19.7	44.5	7.1	8.434307
5 oktober	17:17	86	23:29	41	05:46	274	0.3	19.7	44.5	7.0	8.434280
6 oktober	17:13	86	23:25	41	05:41	274	0.3	19.7	44.5	7.0	8.434562
7 oktober	17:09	86	23:21	41	05:37	274	0.3	19.7	44.5	7.0	8.435152
8 oktober	17:05	86	23:17	41	05:33	274	0.3	19.7	44.5	6.9	8.436051
9 oktober	17:01	86	23:12	41	05:28	274	0.4	19.7	44.5	6.9	8.437259
10 oktober	16:57	86	23:08	41	05:24	274	0.4	19.7	44.5	6.9	8.438776
11 oktober	16:53	87	23:04	41	05:19	273	0.4	19.7	44.5	6.8	8.440602
12 oktober	16:49	87	23:00	41	05:15	273	0.4	19.7	44.5	6.8	8.442735
13 oktober	16:45	87	22:56	41	05:11	273	0.4	19.7	44.4	6.8	8.445176
14 oktober	16:41	87	22:51	41	05:06	273	0.4	19.7	44.4	6.7	8.447923
15 oktober	16:37	87	22:47	41	05:02	273	0.4	19.7	44.4	6.7	8.450975
16 oktober	16:33	87	22:43	41	04:58	273	0.4	19.7	44.4	6.7	8.454332
17 oktober	16:29	87	22:39	41	04:53	273	0.4	19.6	44.4	6.6	8.457991
18 oktober	16:24	87	22:35	41	04:49	273	0.4	19.6	44.4	6.6	8.461951
19 oktober	16:20	87	22:30	41	04:45	273	0.4	19.6	44.3	6.6	8.466211
20 oktober	16:16	87	22:26	41	04:40	273	0.4	19.6	44.3	6.5	8.470769
21 oktober	16:12	87	22:22	41	04:36	273	0.4	19.6	44.3	6.5	8.475622
22 oktober	16:08	87	22:18	41	04:32	273	0.4	19.6	44.3	6.5	8.480768
23 oktober	16:04	87	22:14	41	04:27	273	0.4	19.6	44.2	6.4	8.486206
24 oktober	16:00	87	22:09	41	04:23	273	0.4	19.6	44.2	6.4	8.491932
25 oktober	15:56	87	22:05	41	04:19	273	0.4	19.6	44.2	6.4	8.497946
26 oktober	15:52	87	22:01	41	04:14	273	0.4	19.5	44.1	6.3	8.504244
27 oktober	15:48	87	21:57	41	04:10	273	0.4	19.5	44.1	6.3	8.510825
28 oktober	15:44	87	21:53	41	04:06	273	0.4	19.5	44.1	6.3	8.517686
29 oktober	15:40	87	21:48	40	04:01	273	0.4	19.5	44.0	6.3	8.524825
30 oktober	15:36	87	21:44	40	03:57	273	0.5	19.5	44.0	6.2	8.532240
31 oktober	15:32	87	21:40	40	03:53	273	0.5	19.5	44.0	6.2	8.539930
1 november	15:28	87	21:36	40	03:49	273	0.5	19.4	43.9	6.2	8.547891
2 november	15:23	87	21:32	40	03:44	273	0.5	19.4	43.9	6.1	8.556122
3 november	15:19	87	21:28	40	03:40	273	0.5	19.4	43.8	6.1	8.564620
4 november	15:15	88	21:24	40	03:36	273	0.5	19.4	43.8	6.1	8.573382
5 november	15:11	88	21:19	40	03:32	272	0.5	19.4	43.7	6.0	8.582404
6 november	15:07	88	21:15	40	03:27	272	0.5	19.3	43.7	6.0	8.591684
7 november	15:03	88	21:11	40	03:23	272	0.5	19.3	43.6	6.0	8.601219
8 november	14:59	88	21:07	40	03:19	272	0.5	19.3	43.6	6.0	8.611004
9 november	14:55	88	21:03	40	03:15	272	0.5	19.3	43.5	5.9	8.621036

2026	Opkomst		Culminatie		Ondergang						Afstand (AE)
	UT (h:m)	Azimut (°)	Culminatie	Hoogte (°)	Ondergang	Azimut (°)	Magnitude	Equatoriale Diameter (")	Ring grote as (")	Ring kleine as (")	
10 november	14:51	88	20:59	40	03:10	272	0.5	19.3	43.5	5.9	8.631311
11 november	14:47	88	20:55	40	03:06	272	0.5	19.2	43.4	5.9	8.641825
12 november	14:43	88	20:50	40	03:02	272	0.5	19.2	43.4	5.9	8.652574
13 november	14:39	88	20:46	40	02:58	272	0.5	19.2	43.3	5.8	8.663555
14 november	14:35	88	20:42	40	02:54	272	0.5	19.2	43.3	5.8	8.674762
15 november	14:31	88	20:38	40	02:49	272	0.5	19.1	43.2	5.8	8.686193
16 november	14:27	88	20:34	40	02:45	272	0.5	19.1	43.2	5.8	8.697841
17 november	14:23	88	20:30	40	02:41	272	0.5	19.1	43.1	5.7	8.709704
18 november	14:19	88	20:26	40	02:37	272	0.5	19.1	43.0	5.7	8.721777
19 november	14:15	88	20:22	40	02:33	272	0.6	19.0	43.0	5.7	8.734055
20 november	14:11	88	20:18	40	02:29	272	0.6	19.0	42.9	5.7	8.746533
21 november	14:07	88	20:14	40	02:25	272	0.6	19.0	42.9	5.7	8.759208
22 november	14:03	88	20:10	40	02:20	272	0.6	18.9	42.8	5.6	8.772074
23 november	13:59	88	20:06	40	02:16	272	0.6	18.9	42.7	5.6	8.785126
24 november	13:55	88	20:02	40	02:12	272	0.6	18.9	42.7	5.6	8.798361
25 november	13:51	88	19:57	40	02:08	272	0.6	18.9	42.6	5.6	8.811773
26 november	13:47	88	19:53	40	02:04	272	0.6	18.8	42.5	5.6	8.825359
27 november	13:43	88	19:49	40	02:00	272	0.6	18.8	42.5	5.6	8.839115
28 november	13:39	88	19:45	40	01:56	272	0.6	18.8	42.4	5.5	8.853035
29 november	13:35	88	19:41	40	01:52	272	0.6	18.7	42.3	5.5	8.867116
30 november	13:31	88	19:37	40	01:48	272	0.6	18.7	42.3	5.5	8.881354
1 december	13:27	88	19:33	40	01:44	272	0.6	18.7	42.2	5.5	8.895744
2 december	13:23	88	19:29	40	01:40	272	0.6	18.7	42.1	5.5	8.910282
3 december	13:19	88	19:25	40	01:36	272	0.6	18.6	42.1	5.5	8.924962
4 december	13:15	88	19:21	40	01:32	272	0.6	18.6	42.0	5.5	8.939781
5 december	13:11	88	19:17	40	01:28	272	0.6	18.6	41.9	5.4	8.954733
6 december	13:07	88	19:13	40	01:24	272	0.6	18.5	41.8	5.4	8.969812
7 december	13:03	88	19:10	40	01:20	272	0.6	18.5	41.8	5.4	8.985014
8 december	12:59	88	19:06	40	01:16	272	0.6	18.5	41.7	5.4	9.000334
9 december	12:55	88	19:02	40	01:12	272	0.6	18.4	41.6	5.4	9.015765
10 december	12:51	88	18:58	40	01:08	272	0.6	18.4	41.6	5.4	9.031302
11 december	12:47	88	18:54	40	01:04	272	0.7	18.4	41.5	5.4	9.046941
12 december	12:43	88	18:50	40	01:00	272	0.7	18.3	41.4	5.4	9.062675
13 december	12:39	88	18:46	40	00:56	272	0.7	18.3	41.3	5.4	9.078499
14 december	12:35	88	18:42	40	00:53	272	0.7	18.3	41.3	5.4	9.094408
15 december	12:31	88	18:38	40	00:49	272	0.7	18.2	41.2	5.4	9.110396
16 december	12:27	88	18:34	40	00:45	272	0.7	18.2	41.1	5.4	9.126459
17 december	12:23	88	18:30	40	00:41	272	0.7	18.2	41.1	5.4	9.142591
18 december	12:20	88	18:26	40	00:37	272	0.7	18.1	41.0	5.4	9.158787
19 december	12:16	88	18:22	40	00:33	272	0.7	18.1	40.9	5.4	9.175042
20 december	12:12	88	18:19	40	00:29	272	0.7	18.1	40.8	5.4	9.191350
21 december	12:08	88	18:15	40	00:26	272	0.7	18.0	40.8	5.4	9.207707
22 december	12:04	88	18:11	40	00:22	272	0.7	18.0	40.7	5.4	9.224108
23 december	12:00	88	18:07	40	00:18	272	0.7	18.0	40.6	5.4	9.240548
24 december	11:56	88	18:03	40	00:14	272	0.7	18.0	40.5	5.4	9.257022
25 december	11:52	88	17:59	40	00:10	272	0.7	17.9	40.5	5.4	9.273525
26 december	11:48	88	17:55	40	00:07	272	0.7	17.9	40.4	5.4	9.290053
27 december	11:44	88	17:52	40	00:03	272	0.7	17.9	40.3	5.4	9.306602
28 december	11:40	88	17:48	40	23:55	272	0.7	17.8	40.3	5.4	9.323166
29 december	11:36	88	17:44	40	23:52	272	0.7	17.8	40.2	5.4	9.339741
30 december	11:33	88	17:40	40	23:48	272	0.7	17.8	40.1	5.4	9.356322
31 december	11:29	88	17:36	40	23:44	272	0.7	17.7	40.0	5.4	9.372905

Uranus

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
1 januari	12:53	57	20:39	59	04:29	303	5.6	3.8	18.755298
2 januari	12:49	57	20:35	59	04:25	303	5.6	3.8	18.766957
3 januari	12:45	57	20:31	59	04:21	303	5.6	3.8	18.778838
4 januari	12:41	57	20:27	59	04:17	303	5.7	3.8	18.790939
5 januari	12:37	57	20:23	59	04:13	303	5.7	3.7	18.803255
6 januari	12:33	57	20:19	59	04:09	303	5.7	3.7	18.815782
7 januari	12:29	57	20:15	59	04:05	303	5.7	3.7	18.828518
8 januari	12:25	57	20:11	59	04:01	303	5.7	3.7	18.841456
9 januari	12:21	57	20:07	59	03:57	303	5.7	3.7	18.854595
10 januari	12:17	57	20:03	59	03:53	303	5.7	3.7	18.867929
11 januari	12:13	57	19:59	59	03:49	303	5.7	3.7	18.881454
12 januari	12:09	57	19:55	59	03:45	303	5.7	3.7	18.895166
13 januari	12:06	57	19:51	59	03:41	303	5.7	3.7	18.909059
14 januari	12:02	57	19:47	59	03:37	303	5.7	3.7	18.923131
15 januari	11:58	57	19:43	59	03:33	303	5.7	3.7	18.937375
16 januari	11:54	57	19:39	59	03:29	303	5.7	3.7	18.951787
17 januari	11:50	57	19:35	59	03:25	303	5.7	3.7	18.966363
18 januari	11:46	57	19:31	59	03:21	303	5.7	3.7	18.981096
19 januari	11:42	57	19:27	59	03:17	303	5.7	3.7	18.995982
20 januari	11:38	57	19:23	59	03:13	303	5.7	3.7	19.011016
21 januari	11:34	57	19:19	59	03:09	303	5.7	3.7	19.026192
22 januari	11:30	57	19:15	59	03:05	303	5.7	3.7	19.041505
23 januari	11:26	57	19:11	59	03:01	303	5.7	3.7	19.056949
24 januari	11:22	57	19:07	59	02:57	303	5.7	3.7	19.072519
25 januari	11:18	57	19:03	59	02:53	303	5.7	3.7	19.088210
26 januari	11:14	57	18:59	59	02:49	303	5.7	3.7	19.104015
27 januari	11:10	57	18:55	59	02:45	303	5.7	3.7	19.119931
28 januari	11:06	57	18:51	59	02:41	303	5.7	3.7	19.135950
29 januari	11:02	57	18:47	59	02:37	303	5.7	3.7	19.152069
30 januari	10:58	57	18:43	59	02:33	303	5.7	3.7	19.168282
31 januari	10:54	57	18:40	59	02:29	303	5.7	3.7	19.184583
1 februari	10:50	57	18:36	59	02:25	303	5.7	3.7	19.200969
2 februari	10:46	57	18:32	59	02:21	303	5.7	3.7	19.217433
3 februari	10:42	57	18:28	59	02:17	303	5.7	3.7	19.233972
4 februari	10:38	57	18:24	59	02:13	303	5.7	3.7	19.250580
5 februari	10:35	57	18:20	59	02:09	303	5.7	3.7	19.267252
6 februari	10:31	57	18:16	59	02:05	303	5.7	3.7	19.283984
7 februari	10:27	57	18:12	59	02:01	303	5.7	3.7	19.300770
8 februari	10:23	57	18:08	59	01:57	303	5.7	3.6	19.317606
9 februari	10:19	57	18:04	59	01:53	303	5.7	3.6	19.334486
10 februari	10:15	57	18:00	59	01:50	303	5.7	3.6	19.351404
11 februari	10:11	57	17:56	59	01:46	303	5.7	3.6	19.368357
12 februari	10:07	57	17:52	59	01:42	303	5.7	3.6	19.385338
13 februari	10:03	57	17:49	59	01:38	303	5.7	3.6	19.402343
14 februari	09:59	57	17:45	59	01:34	303	5.7	3.6	19.419365
15 februari	09:55	57	17:41	59	01:30	303	5.7	3.6	19.436400
16 februari	09:51	57	17:37	59	01:26	303	5.7	3.6	19.453441
17 februari	09:48	57	17:33	59	01:22	303	5.7	3.6	19.470484
18 februari	09:44	57	17:29	59	01:18	303	5.7	3.6	19.487523
19 februari	09:40	57	17:25	59	01:15	303	5.7	3.6	19.504553
20 februari	09:36	57	17:21	59	01:11	303	5.7	3.6	19.521567
21 februari	09:32	57	17:17	59	01:07	303	5.7	3.6	19.538561

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
22 februari	09:28	57	17:14	59	01:03	303	5.7	3.6	19.555528
23 februari	09:24	57	17:10	59	00:59	303	5.7	3.6	19.572465
24 februari	09:20	57	17:06	59	00:55	303	5.7	3.6	19.589365
25 februari	09:16	57	17:02	59	00:52	303	5.7	3.6	19.606223
26 februari	09:12	57	16:58	59	00:48	303	5.7	3.6	19.623036
27 februari	09:09	57	16:54	59	00:44	303	5.7	3.6	19.639797
28 februari	09:05	57	16:50	59	00:40	303	5.7	3.6	19.656502
1 maart	09:01	57	16:47	59	00:36	303	5.7	3.6	19.673147
2 maart	08:57	57	16:43	59	00:32	303	5.8	3.6	19.689727
3 maart	08:53	57	16:39	59	00:29	303	5.8	3.6	19.706239
4 maart	08:49	57	16:35	59	00:25	303	5.8	3.6	19.722677
5 maart	08:45	57	16:31	59	00:21	303	5.8	3.6	19.739037
6 maart	08:42	57	16:27	59	00:17	303	5.8	3.6	19.755315
7 maart	08:38	57	16:24	59	00:13	303	5.8	3.6	19.771506
8 maart	08:34	57	16:20	59	00:10	303	5.8	3.6	19.787607
9 maart	08:30	57	16:16	59	00:06	303	5.8	3.6	19.803612
10 maart	08:26	57	16:12	59	00:02	303	5.8	3.6	19.819518
11 maart	08:22	57	16:08	59	23:55	303	5.8	3.6	19.835320
12 maart	08:18	57	16:05	59	23:51	303	5.8	3.6	19.851013
13 maart	08:14	57	16:01	59	23:47	303	5.8	3.5	19.866593
14 maart	08:11	57	15:57	59	23:43	303	5.8	3.5	19.882056
15 maart	08:07	57	15:53	59	23:40	303	5.8	3.5	19.897396
16 maart	08:03	57	15:49	59	23:36	303	5.8	3.5	19.912611
17 maart	07:59	57	15:46	59	23:32	303	5.8	3.5	19.927694
18 maart	07:55	57	15:42	59	23:28	303	5.8	3.5	19.942642
19 maart	07:51	57	15:38	59	23:25	303	5.8	3.5	19.957451
20 maart	07:48	57	15:34	59	23:21	303	5.8	3.5	19.972116
21 maart	07:44	57	15:30	59	23:17	303	5.8	3.5	19.986632
22 maart	07:40	57	15:27	59	23:13	303	5.8	3.5	20.000996
23 maart	07:36	57	15:23	59	23:10	303	5.8	3.5	20.015203
24 maart	07:32	57	15:19	59	23:06	303	5.8	3.5	20.029250
25 maart	07:28	57	15:15	59	23:02	303	5.8	3.5	20.043133
26 maart	07:25	57	15:12	59	22:59	303	5.8	3.5	20.056849
27 maart	07:21	57	15:08	59	22:55	303	5.8	3.5	20.070394
28 maart	07:17	57	15:04	59	22:51	303	5.8	3.5	20.083765
29 maart	07:13	57	15:00	59	22:48	303	5.8	3.5	20.096959
30 maart	07:09	57	14:57	59	22:44	303	5.8	3.5	20.109973
31 maart	07:06	57	14:53	59	22:40	303	5.8	3.5	20.122804
1 april	07:02	57	14:49	59	22:36	303	5.8	3.5	20.135449
2 april	06:58	57	14:45	59	22:33	303	5.8	3.5	20.147906
3 april	06:54	57	14:42	59	22:29	303	5.8	3.5	20.160171
4 april	06:50	57	14:38	59	22:25	303	5.8	3.5	20.172241
5 april	06:47	57	14:34	59	22:22	303	5.8	3.5	20.184114
6 april	06:43	57	14:30	59	22:18	303	5.8	3.5	20.195787
7 april	06:39	57	14:27	59	22:14	303	5.8	3.5	20.207257
8 april	06:35	57	14:23	59	22:11	303	5.8	3.5	20.218520
9 april	06:31	57	14:19	59	22:07	303	5.8	3.5	20.229575
10 april	06:27	57	14:15	59	22:03	303	5.8	3.5	20.240418
11 april	06:24	57	14:12	59	22:00	303	5.8	3.5	20.251047
12 april	06:20	57	14:08	59	21:56	303	5.8	3.5	20.261458
13 april	06:16	57	14:04	59	21:52	303	5.8	3.5	20.271649
14 april	06:12	57	14:00	59	21:49	303	5.8	3.5	20.281617

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
15 april	06:08	57	13:57	59	21:45	303	5.8	3.5	20.291360
16 april	06:05	57	13:53	59	21:41	303	5.8	3.5	20.300874
17 april	06:01	57	13:49	59	21:38	303	5.8	3.5	20.310156
18 april	05:57	57	13:46	59	21:34	303	5.8	3.5	20.319206
19 april	05:53	57	13:42	59	21:30	303	5.8	3.5	20.328019
20 april	05:50	57	13:38	59	21:27	303	5.8	3.5	20.336594
21 april	05:46	57	13:34	59	21:23	303	5.8	3.5	20.344929
22 april	05:42	57	13:31	59	21:19	304	5.8	3.5	20.353022
23 april	05:38	56	13:27	59	21:16	304	5.8	3.5	20.360871
24 april	05:34	56	13:23	59	21:12	304	5.8	3.5	20.368475
25 april	05:31	56	13:20	59	21:09	304	5.8	3.5	20.375832
26 april	05:27	56	13:16	59	21:05	304	5.8	3.5	20.382942
27 april	05:23	56	13:12	59	21:01	304	5.8	3.5	20.389803
28 april	05:19	56	13:08	59	20:58	304	5.8	3.5	20.396413
29 april	05:16	56	13:05	59	20:54	304	5.8	3.5	20.402772
30 april	05:12	56	13:01	59	20:50	304	5.8	3.5	20.408879
1 mei	05:08	56	12:57	59	20:47	304	5.8	3.5	20.414732
2 mei	05:04	56	12:54	59	20:43	304	5.8	3.5	20.420330
3 mei	05:00	56	12:50	59	20:40	304	5.8	3.5	20.425672
4 mei	04:57	56	12:46	59	20:36	304	5.8	3.4	20.430757
5 mei	04:53	56	12:43	59	20:32	304	5.8	3.4	20.435584
6 mei	04:49	56	12:39	59	20:29	304	5.8	3.4	20.440152
7 mei	04:45	56	12:35	59	20:25	304	5.8	3.4	20.444460
8 mei	04:42	56	12:31	59	20:21	304	5.8	3.4	20.448506
9 mei	04:38	56	12:28	59	20:18	304	5.8	3.4	20.452290
10 mei	04:34	56	12:24	59	20:14	304	5.8	3.4	20.455810
11 mei	04:30	56	12:20	59	20:11	304	5.8	3.4	20.459066
12 mei	04:26	56	12:17	59	20:07	304	5.8	3.4	20.462056
13 mei	04:23	56	12:13	59	20:03	304	5.8	3.4	20.464781
14 mei	04:19	56	12:09	59	20:00	304	5.8	3.4	20.467237
15 mei	04:15	56	12:06	59	19:56	304	5.8	3.4	20.469426
16 mei	04:11	56	12:02	59	19:53	304	5.8	3.4	20.471346
17 mei	04:08	56	11:58	59	19:49	304	5.8	3.4	20.472996
18 mei	04:04	56	11:55	59	19:45	304	5.8	3.4	20.474376
19 mei	04:00	56	11:51	59	19:42	304	5.8	3.4	20.475487
20 mei	03:56	56	11:47	59	19:38	304	5.8	3.4	20.476328
21 mei	03:53	56	11:44	60	19:34	304	5.8	3.4	20.476899
22 mei	03:49	56	11:40	60	19:31	304	5.8	3.4	20.477200
23 mei	03:45	56	11:36	60	19:27	304	5.8	3.4	20.477233
24 mei	03:41	56	11:32	60	19:24	304	5.8	3.4	20.476997
25 mei	03:38	56	11:29	60	19:20	304	5.8	3.4	20.476494
26 mei	03:34	56	11:25	60	19:16	304	5.8	3.4	20.475723
27 mei	03:30	56	11:21	60	19:13	304	5.8	3.4	20.474685
28 mei	03:26	56	11:18	60	19:09	304	5.8	3.4	20.473381
29 mei	03:22	56	11:14	60	19:06	304	5.8	3.4	20.471812
30 mei	03:19	56	11:10	60	19:02	304	5.8	3.4	20.469978
31 mei	03:15	56	11:07	60	18:58	304	5.8	3.4	20.467879
1 juni	03:11	56	11:03	60	18:55	304	5.8	3.4	20.465516
2 juni	03:07	56	10:59	60	18:51	304	5.8	3.4	20.462891
3 juni	03:04	56	10:56	60	18:47	304	5.8	3.4	20.460002
4 juni	03:00	56	10:52	60	18:44	304	5.8	3.4	20.456852
5 juni	02:56	56	10:48	60	18:40	304	5.8	3.4	20.453440

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
6 juni	02:52	56	10:44	60	18:37	304	5.8	3.4	20.449768
7 juni	02:49	56	10:41	60	18:33	304	5.8	3.4	20.445836
8 juni	02:45	56	10:37	60	18:29	305	5.8	3.4	20.441644
9 juni	02:41	55	10:33	60	18:26	305	5.8	3.4	20.437193
10 juni	02:37	55	10:30	60	18:22	305	5.8	3.4	20.432485
11 juni	02:34	55	10:26	60	18:18	305	5.8	3.5	20.427519
12 juni	02:30	55	10:22	60	18:15	305	5.8	3.5	20.422297
13 juni	02:26	55	10:19	60	18:11	305	5.8	3.5	20.416820
14 juni	02:22	55	10:15	60	18:08	305	5.8	3.5	20.411089
15 juni	02:18	55	10:11	60	18:04	305	5.8	3.5	20.405105
16 juni	02:15	55	10:07	60	18:00	305	5.8	3.5	20.398870
17 juni	02:11	55	10:04	60	17:57	305	5.8	3.5	20.392385
18 juni	02:07	55	10:00	60	17:53	305	5.8	3.5	20.385653
19 juni	02:03	55	09:56	60	17:49	305	5.8	3.5	20.378676
20 juni	02:00	55	09:53	60	17:46	305	5.8	3.5	20.371455
21 juni	01:56	55	09:49	60	17:42	305	5.8	3.5	20.363993
22 juni	01:52	55	09:45	60	17:39	305	5.8	3.5	20.356292
23 juni	01:48	55	09:42	60	17:35	305	5.8	3.5	20.348355
24 juni	01:45	55	09:38	60	17:31	305	5.8	3.5	20.340182
25 juni	01:41	55	09:34	60	17:28	305	5.8	3.5	20.331777
26 juni	01:37	55	09:30	60	17:24	305	5.8	3.5	20.323142
27 juni	01:33	55	09:27	60	17:20	305	5.8	3.5	20.314278
28 juni	01:29	55	09:23	60	17:17	305	5.8	3.5	20.305189
29 juni	01:26	55	09:19	60	17:13	305	5.8	3.5	20.295875
30 juni	01:22	55	09:16	60	17:09	305	5.8	3.5	20.286340
1 juli	01:18	55	09:12	60	17:06	305	5.8	3.5	20.276585
2 juli	01:14	55	09:08	60	17:02	305	5.8	3.5	20.266612
3 juli	01:10	55	09:04	60	16:58	305	5.8	3.5	20.256424
4 juli	01:07	55	09:01	60	16:55	305	5.8	3.5	20.246023
5 juli	01:03	55	08:57	60	16:51	305	5.8	3.5	20.235411
6 juli	00:59	55	08:53	60	16:47	305	5.8	3.5	20.224591
7 juli	00:55	55	08:49	60	16:44	305	5.8	3.5	20.213563
8 juli	00:52	55	08:46	60	16:40	305	5.8	3.5	20.202332
9 juli	00:48	55	08:42	60	16:36	305	5.8	3.5	20.190898
10 juli	00:44	55	08:38	60	16:33	305	5.8	3.5	20.179265
11 juli	00:40	55	08:34	60	16:29	305	5.8	3.5	20.167436
12 juli	00:36	55	08:31	60	16:25	305	5.8	3.5	20.155412
13 juli	00:33	55	08:27	60	16:21	305	5.8	3.5	20.143198
14 juli	00:29	55	08:23	60	16:18	305	5.8	3.5	20.130795
15 juli	00:25	55	08:19	60	16:14	305	5.8	3.5	20.118207
16 juli	00:21	55	08:16	60	16:10	305	5.8	3.5	20.105438
17 juli	00:17	55	08:12	60	16:07	305	5.8	3.5	20.092491
18 juli	00:13	55	08:08	60	16:03	305	5.8	3.5	20.079370
19 juli	00:10	55	08:04	60	15:59	305	5.8	3.5	20.066079
20 juli	00:06	55	08:01	60	15:56	305	5.8	3.5	20.052620
21 juli	00:02	55	07:57	60	15:52	305	5.8	3.5	20.038998
22 juli	23:54	55	07:53	60	15:48	305	5.8	3.5	20.025216
23 juli	23:51	55	07:49	60	15:44	305	5.8	3.5	20.011278
24 juli	23:47	55	07:46	60	15:41	305	5.8	3.5	19.997187
25 juli	23:43	55	07:42	60	15:37	305	5.8	3.5	19.982947
26 juli	23:39	55	07:38	60	15:33	305	5.8	3.5	19.968561
27 juli	23:35	55	07:34	60	15:29	305	5.8	3.5	19.954033

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
28 juli	23:32	55	07:30	60	15:26	305	5.8	3.5	19.939366
29 juli	23:28	55	07:27	60	15:22	305	5.8	3.5	19.924564
30 juli	23:24	55	07:23	60	15:18	305	5.8	3.5	19.909630
31 juli	23:20	55	07:19	60	15:14	305	5.8	3.5	19.894567
1 augustus	23:16	55	07:15	60	15:11	305	5.8	3.5	19.879380
2 augustus	23:12	55	07:12	60	15:07	305	5.8	3.5	19.864072
3 augustus	23:09	55	07:08	60	15:03	305	5.8	3.6	19.848646
4 augustus	23:05	55	07:04	60	14:59	305	5.8	3.6	19.833105
5 augustus	23:01	55	07:00	60	14:56	305	5.8	3.6	19.817454
6 augustus	22:57	55	06:56	60	14:52	305	5.8	3.6	19.801696
7 augustus	22:53	55	06:53	60	14:48	305	5.8	3.6	19.785835
8 augustus	22:49	55	06:49	60	14:44	305	5.8	3.6	19.769874
9 augustus	22:45	55	06:45	60	14:40	305	5.8	3.6	19.753819
10 augustus	22:42	55	06:41	60	14:37	305	5.7	3.6	19.737672
11 augustus	22:38	55	06:37	60	14:33	305	5.7	3.6	19.721439
12 augustus	22:34	55	06:33	60	14:29	305	5.7	3.6	19.705124
13 augustus	22:30	55	06:30	60	14:25	305	5.7	3.6	19.688731
14 augustus	22:26	55	06:26	60	14:21	305	5.7	3.6	19.672266
15 augustus	22:22	55	06:22	60	14:18	305	5.7	3.6	19.655733
16 augustus	22:18	55	06:18	60	14:14	305	5.7	3.6	19.639136
17 augustus	22:15	54	06:14	60	14:10	305	5.7	3.6	19.622482
18 augustus	22:11	54	06:10	60	14:06	306	5.7	3.6	19.605773
19 augustus	22:07	54	06:07	60	14:02	306	5.7	3.6	19.589016
20 augustus	22:03	54	06:03	60	13:59	306	5.7	3.6	19.572214
21 augustus	21:59	54	05:59	60	13:55	306	5.7	3.6	19.555372
22 augustus	21:55	54	05:55	60	13:51	306	5.7	3.6	19.538495
23 augustus	21:51	54	05:51	60	13:47	306	5.7	3.6	19.521586
24 augustus	21:47	54	05:47	60	13:43	306	5.7	3.6	19.504652
25 augustus	21:44	54	05:43	60	13:39	306	5.7	3.6	19.487695
26 augustus	21:40	54	05:39	60	13:35	306	5.7	3.6	19.470721
27 augustus	21:36	54	05:36	60	13:32	306	5.7	3.6	19.453734
28 augustus	21:32	54	05:32	60	13:28	306	5.7	3.6	19.436738
29 augustus	21:28	54	05:28	60	13:24	306	5.7	3.6	19.419738
30 augustus	21:24	54	05:24	60	13:20	306	5.7	3.6	19.402738
31 augustus	21:20	54	05:20	60	13:16	306	5.7	3.6	19.385742
1 september	21:16	54	05:16	60	13:12	306	5.7	3.6	19.368755
2 september	21:12	54	05:12	60	13:08	306	5.7	3.6	19.351781
3 september	21:08	54	05:08	60	13:04	306	5.7	3.6	19.334825
4 september	21:04	54	05:04	60	13:00	306	5.7	3.6	19.317891
5 september	21:01	54	05:01	60	12:57	306	5.7	3.7	19.300985
6 september	20:57	54	04:57	60	12:53	306	5.7	3.7	19.284110
7 september	20:53	54	04:53	60	12:49	306	5.7	3.7	19.267273
8 september	20:49	54	04:49	60	12:45	306	5.7	3.7	19.250477
9 september	20:45	54	04:45	60	12:41	306	5.7	3.7	19.233730
10 september	20:41	54	04:41	60	12:37	306	5.7	3.7	19.217034
11 september	20:37	54	04:37	60	12:33	306	5.7	3.7	19.200397
12 september	20:33	54	04:33	60	12:29	306	5.7	3.7	19.183823
13 september	20:29	54	04:29	60	12:25	306	5.7	3.7	19.167317
14 september	20:25	54	04:25	60	12:21	306	5.7	3.7	19.150885
15 september	20:21	54	04:21	60	12:17	306	5.7	3.7	19.134532
16 september	20:17	54	04:17	60	12:13	306	5.7	3.7	19.118263
17 september	20:13	54	04:13	60	12:09	306	5.7	3.7	19.102082

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
18 september	20:09	54	04:09	60	12:05	306	5.7	3.7	19.085995
19 september	20:05	54	04:05	60	12:01	306	5.7	3.7	19.070006
20 september	20:01	54	04:01	60	11:57	306	5.7	3.7	19.054121
21 september	19:58	54	03:57	60	11:53	306	5.7	3.7	19.038343
22 september	19:54	54	03:54	60	11:49	306	5.7	3.7	19.022678
23 september	19:50	54	03:50	60	11:46	306	5.7	3.7	19.007130
24 september	19:46	54	03:46	60	11:42	306	5.7	3.7	18.991704
25 september	19:42	54	03:42	60	11:38	306	5.7	3.7	18.976404
26 september	19:38	54	03:38	60	11:34	306	5.7	3.7	18.961234
27 september	19:34	54	03:34	60	11:29	306	5.7	3.7	18.946199
28 september	19:30	54	03:30	60	11:25	306	5.7	3.7	18.931303
29 september	19:26	54	03:26	60	11:21	306	5.7	3.7	18.916551
30 september	19:22	54	03:22	60	11:17	306	5.7	3.7	18.901946
1 oktober	19:18	54	03:18	60	11:13	306	5.7	3.7	18.887494
2 oktober	19:14	54	03:14	60	11:09	306	5.7	3.7	18.873199
3 oktober	19:10	54	03:10	60	11:05	306	5.6	3.7	18.859065
4 oktober	19:06	54	03:06	60	11:01	306	5.6	3.7	18.845097
5 oktober	19:02	55	03:02	60	10:57	306	5.6	3.7	18.831301
6 oktober	18:58	55	02:58	60	10:53	305	5.6	3.7	18.817680
7 oktober	18:54	55	02:54	60	10:49	305	5.6	3.7	18.804239
8 oktober	18:50	55	02:50	60	10:45	305	5.6	3.8	18.790984
9 oktober	18:46	55	02:45	60	10:41	305	5.6	3.8	18.777919
10 oktober	18:42	55	02:41	60	10:37	305	5.6	3.8	18.765049
11 oktober	18:38	55	02:37	60	10:33	305	5.6	3.8	18.752378
12 oktober	18:34	55	02:33	60	10:29	305	5.6	3.8	18.739911
13 oktober	18:30	55	02:29	60	10:25	305	5.6	3.8	18.727652
14 oktober	18:26	55	02:25	60	10:21	305	5.6	3.8	18.715605
15 oktober	18:22	55	02:21	60	10:17	305	5.6	3.8	18.703775
16 oktober	18:18	55	02:17	60	10:13	305	5.6	3.8	18.692165
17 oktober	18:14	55	02:13	60	10:09	305	5.6	3.8	18.680780
18 oktober	18:10	55	02:09	60	10:04	305	5.6	3.8	18.669623
19 oktober	18:06	55	02:05	60	10:00	305	5.6	3.8	18.658697
20 oktober	18:02	55	02:01	60	09:56	305	5.6	3.8	18.648007
21 oktober	17:58	55	01:57	60	09:52	305	5.6	3.8	18.637555
22 oktober	17:54	55	01:53	60	09:48	305	5.6	3.8	18.627346
23 oktober	17:50	55	01:49	60	09:44	305	5.6	3.8	18.617381
24 oktober	17:46	55	01:45	60	09:40	305	5.6	3.8	18.607665
25 oktober	17:42	55	01:41	60	09:36	305	5.6	3.8	18.598200
26 oktober	17:38	55	01:37	60	09:32	305	5.6	3.8	18.588989
27 oktober	17:33	55	01:33	60	09:28	305	5.6	3.8	18.580035
28 oktober	17:29	55	01:28	60	09:23	305	5.6	3.8	18.571342
29 oktober	17:25	55	01:24	60	09:19	305	5.6	3.8	18.562912
30 oktober	17:21	55	01:20	60	09:15	305	5.6	3.8	18.554747
31 oktober	17:17	55	01:16	60	09:11	305	5.6	3.8	18.546852
1 november	17:13	55	01:12	60	09:07	305	5.6	3.8	18.539229
2 november	17:09	55	01:08	60	09:03	305	5.6	3.8	18.531882
3 november	17:05	55	01:04	60	08:59	305	5.6	3.8	18.524813
4 november	17:01	55	01:00	60	08:55	305	5.6	3.8	18.518025
5 november	16:57	55	00:56	60	08:50	305	5.6	3.8	18.511521
6 november	16:53	55	00:52	60	08:46	305	5.6	3.8	18.505305
7 november	16:49	55	00:48	60	08:42	305	5.6	3.8	18.499378
8 november	16:45	55	00:44	60	08:38	305	5.6	3.8	18.493743
9 november	16:41	55	00:39	60	08:34	305	5.6	3.8	18.488402
10 november	16:37	55	00:35	60	08:30	305	5.6	3.8	18.483358

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
11 november	16:33	55	00:31	60	08:26	305	5.6	3.8	18.478613
12 november	16:29	55	00:27	60	08:21	305	5.6	3.8	18.474168
13 november	16:25	55	00:23	60	08:17	305	5.6	3.8	18.470024
14 november	16:21	55	00:19	60	08:13	305	5.6	3.8	18.466185
15 november	16:17	55	00:15	60	08:09	305	5.6	3.8	18.462649
16 november	16:12	55	00:11	60	08:05	305	5.6	3.8	18.459420
17 november	16:08	55	00:07	60	08:01	305	5.6	3.8	18.456497
18 november	16:04	55	00:03	60	07:57	305	5.6	3.8	18.453883
19 november	16:00	55	23:54	60	07:52	305	5.6	3.8	18.451576
20 november	15:56	55	23:50	60	07:48	305	5.6	3.8	18.449579
21 november	15:52	55	23:46	60	07:44	305	5.6	3.8	18.447892
22 november	15:48	55	23:42	60	07:40	305	5.6	3.8	18.446514
23 november	15:44	55	23:38	60	07:36	305	5.6	3.8	18.445447
24 november	15:40	55	23:34	60	07:32	305	5.6	3.8	18.444690
25 november	15:36	55	23:30	60	07:27	305	5.6	3.8	18.444243
26 november	15:32	55	23:26	60	07:23	305	5.6	3.8	18.444108
27 november	15:28	55	23:21	60	07:19	305	5.6	3.8	18.444283
28 november	15:24	55	23:17	60	07:15	305	5.6	3.8	18.444771
29 november	15:20	55	23:13	60	07:11	305	5.6	3.8	18.445569
30 november	15:16	55	23:09	60	07:07	305	5.6	3.8	18.446680
1 december	15:12	55	23:05	60	07:03	305	5.6	3.8	18.448102
2 december	15:08	55	23:01	60	06:58	305	5.6	3.8	18.449837
3 december	15:04	55	22:57	60	06:54	305	5.6	3.8	18.451883
4 december	14:59	55	22:53	60	06:50	305	5.6	3.8	18.454242
5 december	14:55	55	22:49	60	06:46	305	5.6	3.8	18.456911
6 december	14:51	55	22:44	60	06:42	305	5.6	3.8	18.459891
7 december	14:47	55	22:40	60	06:38	305	5.6	3.8	18.463180
8 december	14:43	55	22:36	60	06:33	305	5.6	3.8	18.466778
9 december	14:39	55	22:32	60	06:29	305	5.6	3.8	18.470683
10 december	14:35	55	22:28	60	06:25	305	5.6	3.8	18.474895
11 december	14:31	55	22:24	60	06:21	305	5.6	3.8	18.479411
12 december	14:27	55	22:20	60	06:17	305	5.6	3.8	18.484230
13 december	14:23	55	22:16	60	06:13	305	5.6	3.8	18.489349
14 december	14:19	55	22:12	60	06:09	305	5.6	3.8	18.494768
15 december	14:15	55	22:08	60	06:04	305	5.6	3.8	18.500484
16 december	14:11	55	22:04	60	06:00	305	5.6	3.8	18.506494
17 december	14:07	55	21:59	60	05:56	305	5.6	3.8	18.512796
18 december	14:03	55	21:55	60	05:52	305	5.6	3.8	18.519388
19 december	13:59	55	21:51	60	05:48	305	5.6	3.8	18.526266
20 december	13:55	55	21:47	60	05:44	305	5.6	3.8	18.533429
21 december	13:51	55	21:43	60	05:40	305	5.6	3.8	18.540874
22 december	13:47	55	21:39	60	05:36	305	5.6	3.8	18.548597
23 december	13:43	55	21:35	60	05:31	305	5.6	3.8	18.556596
24 december	13:39	55	21:31	60	05:27	305	5.6	3.8	18.564868
25 december	13:35	55	21:27	60	05:23	305	5.6	3.8	18.573410
26 december	13:30	55	21:23	60	05:19	305	5.6	3.8	18.582220
27 december	13:26	55	21:19	60	05:15	305	5.6	3.8	18.591294
28 december	13:22	56	21:15	60	05:11	304	5.6	3.8	18.600631
29 december	13:18	56	21:11	60	05:07	304	5.6	3.8	18.610228
30 december	13:14	56	21:06	60	05:03	304	5.6	3.8	18.620081
31 december	13:10	56	21:02	60	04:59	304	5.6	3.8	18.630187

Neptunus

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
1 januari	11:02	92	16:57	38	22:53	268	7.8	2.3	30.057917
2 januari	10:58	92	16:54	38	22:49	268	7.8	2.3	30.074912
3 januari	10:54	92	16:50	38	22:45	268	7.8	2.3	30.091843
4 januari	10:50	92	16:46	38	22:42	268	7.8	2.3	30.108706
5 januari	10:46	92	16:42	38	22:38	269	7.8	2.3	30.125498
6 januari	10:42	91	16:38	38	22:34	269	7.8	2.3	30.142212
7 januari	10:38	91	16:34	38	22:30	269	7.8	2.3	30.158845
8 januari	10:34	91	16:30	38	22:26	269	7.8	2.3	30.175391
9 januari	10:31	91	16:26	38	22:22	269	7.8	2.3	30.191845
10 januari	10:27	91	16:23	38	22:19	269	7.8	2.3	30.208204
11 januari	10:23	91	16:19	38	22:15	269	7.8	2.3	30.224461
12 januari	10:19	91	16:15	38	22:11	269	7.8	2.3	30.240612
13 januari	10:15	91	16:11	38	22:07	269	7.8	2.3	30.256652
14 januari	10:11	91	16:07	38	22:03	269	7.8	2.3	30.272576
15 januari	10:07	91	16:03	38	21:59	269	7.8	2.3	30.288379
16 januari	10:03	91	15:59	38	21:56	269	7.8	2.3	30.304056
17 januari	09:59	91	15:56	38	21:52	269	7.8	2.3	30.319602
18 januari	09:55	91	15:52	38	21:48	269	7.8	2.3	30.335012
19 januari	09:52	91	15:48	38	21:44	269	7.8	2.3	30.350282
20 januari	09:48	91	15:44	38	21:40	269	7.8	2.2	30.365406
21 januari	09:44	91	15:40	38	21:37	269	7.8	2.2	30.380380
22 januari	09:40	91	15:36	38	21:33	269	7.8	2.2	30.395200
23 januari	09:36	91	15:32	38	21:29	269	7.8	2.2	30.409861
24 januari	09:32	91	15:29	38	21:25	269	7.8	2.2	30.424358
25 januari	09:28	91	15:25	38	21:21	269	7.8	2.2	30.438688
26 januari	09:24	91	15:21	38	21:18	269	7.8	2.2	30.452847
27 januari	09:20	91	15:17	38	21:14	269	7.8	2.2	30.466830
28 januari	09:16	91	15:13	38	21:10	269	7.8	2.2	30.480633
29 januari	09:13	91	15:09	38	21:06	269	7.8	2.2	30.494254
30 januari	09:09	91	15:06	38	21:03	269	7.8	2.2	30.507689
31 januari	09:05	91	15:02	38	20:59	269	7.8	2.2	30.520934
1 februari	09:01	91	14:58	38	20:55	269	7.8	2.2	30.533986
2 februari	08:57	91	14:54	38	20:51	269	7.8	2.2	30.546842
3 februari	08:53	91	14:50	38	20:47	269	7.8	2.2	30.559499
4 februari	08:49	91	14:46	38	20:44	269	7.8	2.2	30.571953
5 februari	08:45	91	14:43	38	20:40	269	7.8	2.2	30.584201
6 februari	08:41	91	14:39	38	20:36	269	7.8	2.2	30.596240
7 februari	08:38	91	14:35	38	20:32	269	7.8	2.2	30.608065
8 februari	08:34	91	14:31	38	20:29	269	7.8	2.2	30.619675
9 februari	08:30	91	14:27	38	20:25	269	7.8	2.2	30.631065
10 februari	08:26	91	14:23	38	20:21	269	7.8	2.2	30.642232
11 februari	08:22	91	14:20	38	20:17	269	7.8	2.2	30.653173
12 februari	08:18	91	14:16	38	20:14	269	7.8	2.2	30.663885
13 februari	08:14	91	14:12	38	20:10	269	7.8	2.2	30.674364
14 februari	08:10	91	14:08	38	20:06	269	7.8	2.2	30.684607
15 februari	08:07	91	14:04	38	20:02	269	7.8	2.2	30.694612
16 februari	08:03	91	14:01	38	19:59	269	7.8	2.2	30.704374
17 februari	07:59	91	13:57	38	19:55	269	7.8	2.2	30.713892
18 februari	07:55	91	13:53	38	19:51	269	7.8	2.2	30.723163
19 februari	07:51	91	13:49	38	19:47	269	7.8	2.2	30.732183
20 februari	07:47	91	13:45	38	19:44	269	7.8	2.2	30.740951
21 februari	07:43	91	13:42	38	19:40	269	7.8	2.2	30.749464

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
22 februari	07:39	91	13:38	38	19:36	269	7.8	2.2	30.757720
23 februari	07:36	91	13:34	38	19:32	269	7.8	2.2	30.765716
24 februari	07:32	91	13:30	38	19:29	269	7.8	2.2	30.773452
25 februari	07:28	91	13:26	38	19:25	269	7.8	2.2	30.780925
26 februari	07:24	91	13:23	38	19:21	269	7.8	2.2	30.788134
27 februari	07:20	91	13:19	38	19:17	269	7.8	2.2	30.795077
28 februari	07:16	91	13:15	38	19:14	269	7.8	2.2	30.801754
1 maart	07:12	91	13:11	38	19:10	269	7.8	2.2	30.808163
2 maart	07:08	91	13:07	38	19:06	269	7.8	2.2	30.814303
3 maart	07:05	90	13:04	38	19:03	270	7.8	2.2	30.820172
4 maart	07:01	90	13:00	38	18:59	270	7.8	2.2	30.825769
5 maart	06:57	90	12:56	39	18:55	270	7.8	2.2	30.831094
6 maart	06:53	90	12:52	39	18:51	270	7.8	2.2	30.836144
7 maart	06:49	90	12:48	39	18:48	270	7.8	2.2	30.840920
8 maart	06:45	90	12:45	39	18:44	270	7.8	2.2	30.845418
9 maart	06:41	90	12:41	39	18:40	270	7.8	2.2	30.849639
10 maart	06:37	90	12:37	39	18:36	270	7.8	2.2	30.853580
11 maart	06:34	90	12:33	39	18:33	270	7.8	2.2	30.857242
12 maart	06:30	90	12:29	39	18:29	270	7.8	2.2	30.860622
13 maart	06:26	90	12:26	39	18:25	270	7.8	2.2	30.863721
14 maart	06:22	90	12:22	39	18:22	270	7.8	2.2	30.866536
15 maart	06:18	90	12:18	39	18:18	270	7.8	2.2	30.869067
16 maart	06:14	90	12:14	39	18:14	270	7.8	2.2	30.871313
17 maart	06:10	90	12:10	39	18:10	270	7.8	2.2	30.873274
18 maart	06:07	90	12:07	39	18:07	270	7.8	2.2	30.874949
19 maart	06:03	90	12:03	39	18:03	270	7.8	2.2	30.876338
20 maart	05:59	90	11:59	39	17:59	270	7.8	2.2	30.877440
21 maart	05:55	90	11:55	39	17:56	270	7.8	2.2	30.878255
22 maart	05:51	90	11:51	39	17:52	270	7.8	2.2	30.878784
23 maart	05:47	90	11:48	39	17:48	270	7.8	2.2	30.879027
24 maart	05:43	90	11:44	39	17:44	270	7.8	2.2	30.878984
25 maart	05:39	90	11:40	39	17:41	270	7.8	2.2	30.878655
26 maart	05:36	90	11:36	39	17:37	270	7.8	2.2	30.878043
27 maart	05:32	90	11:32	39	17:33	270	7.8	2.2	30.877146
28 maart	05:28	90	11:29	39	17:29	270	7.8	2.2	30.875967
29 maart	05:24	90	11:25	39	17:26	270	7.8	2.2	30.874507
30 maart	05:20	90	11:21	39	17:22	270	7.8	2.2	30.872765
31 maart	05:16	90	11:17	39	17:18	270	7.8	2.2	30.870744
1 april	05:12	90	11:13	39	17:15	270	7.8	2.2	30.868443
2 april	05:09	90	11:10	39	17:11	270	7.8	2.2	30.865865
3 april	05:05	90	11:06	39	17:07	270	7.8	2.2	30.863009
4 april	05:01	90	11:02	39	17:03	270	7.8	2.2	30.859876
5 april	04:57	90	10:58	39	17:00	270	7.8	2.2	30.856468
6 april	04:53	90	10:55	39	16:56	270	7.8	2.2	30.852786
7 april	04:49	90	10:51	39	16:52	270	7.8	2.2	30.848830
8 april	04:45	90	10:47	39	16:49	270	7.8	2.2	30.844601
9 april	04:42	90	10:43	39	16:45	270	7.8	2.2	30.840101
10 april	04:38	90	10:39	39	16:41	270	7.8	2.2	30.835330
11 april	04:34	90	10:36	39	16:37	270	7.8	2.2	30.830290
12 april	04:30	90	10:32	39	16:34	270	7.8	2.2	30.824982
13 april	04:26	90	10:28	39	16:30	270	7.8	2.2	30.819407
14 april	04:22	90	10:24	39	16:26	270	7.8	2.2	30.813567

	Opkomst		Culminatie		Ondergang		Magnitude	Diameter (")	Afstand (AE)
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
15 april	04:18	89	10:20	39	16:22	271	7.8	2.2	30.807463
16 april	04:14	89	10:17	39	16:19	271	7.8	2.2	30.801097
17 april	04:11	89	10:13	39	16:15	271	7.8	2.2	30.794471
18 april	04:07	89	10:09	39	16:11	271	7.8	2.2	30.787586
19 april	04:03	89	10:05	39	16:07	271	7.8	2.2	30.780446
20 april	03:59	89	10:01	39	16:04	271	7.8	2.2	30.773051
21 april	03:55	89	09:57	39	16:00	271	7.8	2.2	30.765406
22 april	03:51	89	09:54	39	15:56	271	7.8	2.2	30.757512
23 april	03:47	89	09:50	39	15:52	271	7.8	2.2	30.749372
24 april	03:43	89	09:46	39	15:49	271	7.8	2.2	30.740989
25 april	03:40	89	09:42	39	15:45	271	7.8	2.2	30.732365
26 april	03:36	89	09:38	39	15:41	271	7.8	2.2	30.723505
27 april	03:32	89	09:35	39	15:37	271	7.8	2.2	30.714409
28 april	03:28	89	09:31	39	15:34	271	7.8	2.2	30.705081
29 april	03:24	89	09:27	39	15:30	271	7.8	2.2	30.695524
30 april	03:20	89	09:23	39	15:26	271	7.8	2.2	30.685741
1 mei	03:16	89	09:19	39	15:22	271	7.8	2.2	30.675733
2 mei	03:12	89	09:16	39	15:19	271	7.8	2.2	30.665504
3 mei	03:09	89	09:12	39	15:15	271	7.8	2.2	30.655056
4 mei	03:05	89	09:08	39	15:11	271	7.8	2.2	30.644393
5 mei	03:01	89	09:04	39	15:07	271	7.8	2.2	30.633516
6 mei	02:57	89	09:00	39	15:04	271	7.8	2.2	30.622428
7 mei	02:53	89	08:56	39	15:00	271	7.8	2.2	30.611133
8 mei	02:49	89	08:53	39	14:56	271	7.8	2.2	30.599633
9 mei	02:45	89	08:49	39	14:52	271	7.8	2.2	30.587931
10 mei	02:41	89	08:45	39	14:49	271	7.8	2.2	30.576030
11 mei	02:38	89	08:41	39	14:45	271	7.8	2.2	30.563932
12 mei	02:34	89	08:37	39	14:41	271	7.8	2.2	30.551642
13 mei	02:30	89	08:34	39	14:37	271	7.8	2.2	30.539162
14 mei	02:26	89	08:30	39	14:33	271	7.8	2.2	30.526495
15 mei	02:22	89	08:26	39	14:30	271	7.8	2.2	30.513645
16 mei	02:18	89	08:22	39	14:26	271	7.8	2.2	30.500616
17 mei	02:14	89	08:18	39	14:22	271	7.8	2.2	30.487411
18 mei	02:10	89	08:14	39	14:18	271	7.8	2.2	30.474034
19 mei	02:06	89	08:10	40	14:14	271	7.8	2.2	30.460490
20 mei	02:03	89	08:07	40	14:11	271	7.8	2.2	30.446782
21 mei	01:59	89	08:03	40	14:07	271	7.8	2.2	30.432915
22 mei	01:55	89	07:59	40	14:03	271	7.8	2.2	30.418893
23 mei	01:51	89	07:55	40	13:59	271	7.8	2.2	30.404720
24 mei	01:47	89	07:51	40	13:56	271	7.8	2.2	30.390400
25 mei	01:43	89	07:47	40	13:52	271	7.8	2.2	30.375937
26 mei	01:39	89	07:44	40	13:48	271	7.8	2.2	30.361336
27 mei	01:35	89	07:40	40	13:44	271	7.8	2.3	30.346600
28 mei	01:32	89	07:36	40	13:40	271	7.8	2.3	30.331732
29 mei	01:28	89	07:32	40	13:36	271	7.8	2.3	30.316738
30 mei	01:24	89	07:28	40	13:33	271	7.8	2.3	30.301621
31 mei	01:20	89	07:24	40	13:29	271	7.8	2.3	30.286384
1 juni	01:16	89	07:20	40	13:25	271	7.8	2.3	30.271032
2 juni	01:12	89	07:17	40	13:21	271	7.8	2.3	30.255569
3 juni	01:08	89	07:13	40	13:17	271	7.8	2.3	30.239998
4 juni	01:04	89	07:09	40	13:13	271	7.8	2.3	30.224323
5 juni	01:00	89	07:05	40	13:10	271	7.8	2.3	30.208549

	Opkomst		Culminatie		Ondergang		Magnitude Diameter (") Afstand (AE)		
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
6 juni	00:56	89	07:01	40	13:06	271	7.8	2.3	30.192679
7 juni	00:53	89	06:57	40	13:02	271	7.8	2.3	30.176718
8 juni	00:49	89	06:53	40	12:58	271	7.8	2.3	30.160669
9 juni	00:45	89	06:49	40	12:54	271	7.8	2.3	30.144537
10 juni	00:41	89	06:46	40	12:50	271	7.8	2.3	30.128326
11 juni	00:37	89	06:42	40	12:47	271	7.8	2.3	30.112040
12 juni	00:33	89	06:38	40	12:43	271	7.8	2.3	30.095685
13 juni	00:29	89	06:34	40	12:39	271	7.8	2.3	30.079263
14 juni	00:25	89	06:30	40	12:35	271	7.8	2.3	30.062781
15 juni	00:21	89	06:26	40	12:31	271	7.8	2.3	30.046244
16 juni	00:17	89	06:22	40	12:27	271	7.8	2.3	30.029655
17 juni	00:14	89	06:18	40	12:23	271	7.8	2.3	30.013020
18 juni	00:10	89	06:15	40	12:19	271	7.8	2.3	29.996345
19 juni	00:06	89	06:11	40	12:16	271	7.8	2.3	29.979634
20 juni	00:02	89	06:07	40	12:12	271	7.8	2.3	29.962892
21 juni	23:54	89	06:03	40	12:08	271	7.8	2.3	29.946124
22 juni	23:50	89	05:59	40	12:04	271	7.8	2.3	29.929335
23 juni	23:46	89	05:55	40	12:00	271	7.8	2.3	29.912529
24 juni	23:42	89	05:51	40	11:56	271	7.8	2.3	29.895711
25 juni	23:38	89	05:47	40	11:52	271	7.8	2.3	29.878885
26 juni	23:34	89	05:43	40	11:48	271	7.8	2.3	29.862056
27 juni	23:31	89	05:39	40	11:44	271	7.8	2.3	29.845229
28 juni	23:27	89	05:36	40	11:41	271	7.8	2.3	29.828407
29 juni	23:23	89	05:32	40	11:37	271	7.8	2.3	29.811595
30 juni	23:19	89	05:28	40	11:33	271	7.8	2.3	29.794798
1 juli	23:15	89	05:24	40	11:29	271	7.8	2.3	29.778020
2 juli	23:11	89	05:20	40	11:25	271	7.8	2.3	29.761265
3 juli	23:07	89	05:16	40	11:21	271	7.8	2.3	29.744538
4 juli	23:03	89	05:12	40	11:17	271	7.8	2.3	29.727843
5 juli	22:59	89	05:08	40	11:13	271	7.8	2.3	29.711185
6 juli	22:55	89	05:04	40	11:09	271	7.8	2.3	29.694568
7 juli	22:51	89	05:00	40	11:05	271	7.8	2.3	29.677996
8 juli	22:47	89	04:56	40	11:01	271	7.8	2.3	29.661475
9 juli	22:43	89	04:52	40	10:57	271	7.8	2.3	29.645008
10 juli	22:40	89	04:48	40	10:53	271	7.7	2.3	29.628601
11 juli	22:36	89	04:44	40	10:50	271	7.7	2.3	29.612259
12 juli	22:32	89	04:41	40	10:46	271	7.7	2.3	29.595987
13 juli	22:28	89	04:37	40	10:42	271	7.7	2.3	29.579789
14 juli	22:24	89	04:33	40	10:38	271	7.7	2.3	29.563670
15 juli	22:20	89	04:29	40	10:34	271	7.7	2.3	29.547637
16 juli	22:16	89	04:25	40	10:30	271	7.7	2.3	29.531693
17 juli	22:12	89	04:21	40	10:26	271	7.7	2.3	29.515845
18 juli	22:08	89	04:17	40	10:22	271	7.7	2.3	29.500096
19 juli	22:04	89	04:13	40	10:18	271	7.7	2.3	29.484452
20 juli	22:00	89	04:09	40	10:14	271	7.7	2.3	29.468916
21 juli	21:56	89	04:05	40	10:10	271	7.7	2.3	29.453494
22 juli	21:52	89	04:01	40	10:06	271	7.7	2.3	29.438190
23 juli	21:48	89	03:57	40	10:02	271	7.7	2.3	29.423008
24 juli	21:44	89	03:53	40	09:58	271	7.7	2.3	29.407952
25 juli	21:40	89	03:49	40	09:54	271	7.7	2.3	29.393027
26 juli	21:37	89	03:45	40	09:50	271	7.7	2.3	29.378236
27 juli	21:33	89	03:41	40	09:46	271	7.7	2.3	29.363584

	Opkomst		Culminatie		Ondergang		Magnitude Diameter (") Afstand (AE)		
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
28 juli	21:29	89	03:37	40	09:42	271	7.7	2.3	29.349075
29 juli	21:25	89	03:33	40	09:38	271	7.7	2.3	29.334713
30 juli	21:21	89	03:29	40	09:34	271	7.7	2.3	29.320501
31 juli	21:17	89	03:25	40	09:30	271	7.7	2.3	29.306444
1 augustus	21:13	89	03:21	40	09:26	271	7.7	2.3	29.292545
2 augustus	21:09	89	03:17	40	09:22	271	7.7	2.3	29.278809
3 augustus	21:05	89	03:13	40	09:18	271	7.7	2.3	29.265239
4 augustus	21:01	89	03:09	40	09:14	271	7.7	2.3	29.251840
5 augustus	20:57	89	03:05	40	09:10	271	7.7	2.3	29.238616
6 augustus	20:53	89	03:01	40	09:06	271	7.7	2.3	29.225570
7 augustus	20:49	89	02:57	40	09:02	271	7.7	2.3	29.212707
8 augustus	20:45	89	02:53	40	08:58	271	7.7	2.3	29.200030
9 augustus	20:41	89	02:50	40	08:54	271	7.7	2.3	29.187545
10 augustus	20:37	89	02:46	40	08:50	271	7.7	2.3	29.175256
11 augustus	20:33	89	02:42	40	08:46	271	7.7	2.3	29.163167
12 augustus	20:29	89	02:38	40	08:42	271	7.7	2.3	29.151281
13 augustus	20:25	89	02:34	40	08:38	271	7.7	2.3	29.139604
14 augustus	20:21	89	02:30	40	08:34	271	7.7	2.3	29.128138
15 augustus	20:17	89	02:26	40	08:30	271	7.7	2.3	29.116889
16 augustus	20:13	89	02:22	40	08:26	271	7.7	2.3	29.105859
17 augustus	20:09	89	02:18	40	08:22	271	7.7	2.3	29.095051
18 augustus	20:06	89	02:14	40	08:18	271	7.7	2.3	29.084471
19 augustus	20:02	89	02:10	40	08:13	271	7.7	2.3	29.074119
20 augustus	19:58	89	02:06	39	08:09	271	7.7	2.3	29.064000
21 augustus	19:54	89	02:02	39	08:05	271	7.7	2.4	29.054117
22 augustus	19:50	89	01:58	39	08:01	271	7.7	2.4	29.044471
23 augustus	19:46	89	01:53	39	07:57	271	7.7	2.4	29.035067
24 augustus	19:42	89	01:49	39	07:53	271	7.7	2.4	29.025907
25 augustus	19:38	89	01:45	39	07:49	271	7.7	2.4	29.016994
26 augustus	19:34	89	01:41	39	07:45	271	7.7	2.4	29.008329
27 augustus	19:30	89	01:37	39	07:41	271	7.7	2.4	28.999917
28 augustus	19:26	89	01:33	39	07:37	271	7.7	2.4	28.991758
29 augustus	19:22	89	01:29	39	07:33	271	7.7	2.4	28.983857
30 augustus	19:18	89	01:25	39	07:29	271	7.7	2.4	28.976214
31 augustus	19:14	89	01:21	39	07:25	271	7.7	2.4	28.968833
1 september	19:10	89	01:17	39	07:21	271	7.7	2.4	28.961715
2 september	19:06	89	01:13	39	07:17	271	7.7	2.4	28.954864
3 september	19:02	89	01:09	39	07:13	271	7.7	2.4	28.948282
4 september	18:58	89	01:05	39	07:08	271	7.7	2.4	28.941971
5 september	18:54	89	01:01	39	07:04	271	7.7	2.4	28.935934
6 september	18:50	89	00:57	39	07:00	271	7.7	2.4	28.930174
7 september	18:46	89	00:53	39	06:56	271	7.7	2.4	28.924692
8 september	18:42	89	00:49	39	06:52	271	7.7	2.4	28.919492
9 september	18:38	89	00:45	39	06:48	271	7.7	2.4	28.914575
10 september	18:34	89	00:41	39	06:44	271	7.7	2.4	28.909944
11 september	18:30	89	00:37	39	06:40	271	7.7	2.4	28.905600
12 september	18:26	89	00:33	39	06:36	271	7.7	2.4	28.901545
13 september	18:22	89	00:29	39	06:32	271	7.7	2.4	28.897781
14 september	18:18	89	00:25	39	06:28	271	7.7	2.4	28.894310
15 september	18:14	89	00:21	39	06:24	271	7.7	2.4	28.891131
16 september	18:10	89	00:17	39	06:20	271	7.7	2.4	28.888247
17 september	18:06	89	00:13	39	06:15	271	7.7	2.4	28.885658

	Opkomst		Culminatie		Ondergang		Magnitude Diameter (") Afstand (AE)		
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
18 september	18:02	89	00:09	39	06:11	271	7.7	2.4	28.883365
19 september	17:58	89	00:05	39	06:07	271	7.7	2.4	28.881369
20 september	17:55	89	00:01	39	06:03	271	7.7	2.4	28.879670
21 september	17:51	89	23:53	39	05:59	271	7.7	2.4	28.878269
22 september	17:47	89	23:49	39	05:55	271	7.7	2.4	28.877166
23 september	17:43	89	23:45	39	05:51	271	7.7	2.4	28.876362
24 september	17:39	89	23:41	39	05:47	271	7.7	2.4	28.875856
25 september	17:35	89	23:37	39	05:43	271	7.7	2.4	28.875649
26 september	17:31	89	23:33	39	05:39	271	7.7	2.4	28.875741
27 september	17:27	90	23:29	39	05:35	271	7.7	2.4	28.876133
28 september	17:23	90	23:25	39	05:30	270	7.7	2.4	28.876823
29 september	17:19	90	23:21	39	05:26	270	7.7	2.4	28.877812
30 september	17:15	90	23:16	39	05:22	270	7.7	2.4	28.879101
1 oktober	17:11	90	23:12	39	05:18	270	7.7	2.4	28.880689
2 oktober	17:07	90	23:08	39	05:14	270	7.7	2.4	28.882577
3 oktober	17:03	90	23:04	39	05:10	270	7.7	2.4	28.884764
4 oktober	16:59	90	23:00	39	05:06	270	7.7	2.4	28.887250
5 oktober	16:55	90	22:56	39	05:02	270	7.7	2.4	28.890036
6 oktober	16:51	90	22:52	39	04:58	270	7.7	2.4	28.893121
7 oktober	16:47	90	22:48	39	04:54	270	7.7	2.4	28.896505
8 oktober	16:43	90	22:44	39	04:50	270	7.7	2.4	28.900187
9 oktober	16:39	90	22:40	39	04:46	270	7.7	2.4	28.904166
10 oktober	16:35	90	22:36	39	04:41	270	7.7	2.4	28.908441
11 oktober	16:31	90	22:32	39	04:37	270	7.7	2.4	28.913012
12 oktober	16:27	90	22:28	39	04:33	270	7.7	2.4	28.917876
13 oktober	16:23	90	22:24	39	04:29	270	7.7	2.4	28.923033
14 oktober	16:19	90	22:20	39	04:25	270	7.7	2.4	28.928481
15 oktober	16:15	90	22:16	39	04:21	270	7.7	2.4	28.934217
16 oktober	16:11	90	22:12	39	04:17	270	7.7	2.4	28.940240
17 oktober	16:07	90	22:08	39	04:13	270	7.7	2.4	28.946548
18 oktober	16:03	90	22:04	39	04:09	270	7.7	2.4	28.953139
19 oktober	15:59	90	22:00	39	04:05	270	7.7	2.4	28.960011
20 oktober	15:55	90	21:56	39	04:01	270	7.7	2.4	28.967161
21 oktober	15:51	90	21:52	39	03:57	270	7.7	2.4	28.974587
22 oktober	15:47	90	21:48	39	03:53	270	7.7	2.4	28.982286
23 oktober	15:43	90	21:44	39	03:49	270	7.7	2.4	28.990257
24 oktober	15:39	90	21:40	39	03:44	270	7.7	2.4	28.998496
25 oktober	15:35	90	21:36	39	03:40	270	7.7	2.4	29.007001
26 oktober	15:31	90	21:32	39	03:36	270	7.7	2.4	29.015770
27 oktober	15:27	90	21:28	39	03:32	270	7.7	2.4	29.024799
28 oktober	15:23	90	21:24	39	03:28	270	7.7	2.4	29.034087
29 oktober	15:19	90	21:20	39	03:24	270	7.7	2.4	29.043631
30 oktober	15:15	90	21:16	39	03:20	270	7.7	2.4	29.053429
31 oktober	15:11	90	21:12	39	03:16	270	7.7	2.3	29.063477
1 november	15:07	90	21:08	39	03:12	270	7.7	2.3	29.073774
2 november	15:03	90	21:04	39	03:08	270	7.7	2.3	29.084316
3 november	15:00	90	21:00	39	03:04	270	7.7	2.3	29.095101
4 november	14:56	90	20:56	39	03:00	270	7.7	2.3	29.106126
5 november	14:52	90	20:52	39	02:56	270	7.7	2.3	29.117387
6 november	14:48	90	20:48	39	02:52	270	7.7	2.3	29.128881
7 november	14:44	90	20:44	39	02:48	270	7.7	2.3	29.140605
8 november	14:40	90	20:40	39	02:44	270	7.7	2.3	29.152554
9 november	14:36	90	20:36	39	02:40	270	7.7	2.3	29.164726

	Opkomst		Culminatie		Ondergang		Magnitude Diameter (") Afstand (AE)		
	UT (h:m)	Azimut (°)	UT (h:m)	Hoogte (°)	UT (h:m)	Azimut (°)			
2026									
10 november	14:32	90	20:32	39	02:36	270	7.7	2.3	29.177115
11 november	14:28	90	20:28	39	02:32	270	7.7	2.3	29.189718
12 november	14:24	90	20:24	39	02:28	270	7.7	2.3	29.202531
13 november	14:20	90	20:20	39	02:24	270	7.7	2.3	29.215549
14 november	14:16	90	20:16	39	02:20	270	7.7	2.3	29.228768
15 november	14:12	90	20:12	39	02:16	270	7.7	2.3	29.242183
16 november	14:08	90	20:08	39	02:12	270	7.7	2.3	29.255791
17 november	14:04	90	20:04	39	02:08	270	7.7	2.3	29.269585
18 november	14:00	90	20:00	39	02:04	270	7.7	2.3	29.283564
19 november	13:56	90	19:56	39	02:00	270	7.7	2.3	29.297720
20 november	13:52	90	19:52	39	01:56	270	7.7	2.3	29.312050
21 november	13:48	90	19:48	39	01:52	270	7.7	2.3	29.326550
22 november	13:44	90	19:44	39	01:48	270	7.7	2.3	29.341214
23 november	13:40	90	19:40	39	01:44	270	7.7	2.3	29.356038
24 november	13:36	90	19:36	39	01:40	270	7.7	2.3	29.371018
25 november	13:32	90	19:32	39	01:36	270	7.7	2.3	29.386149
26 november	13:28	90	19:28	39	01:32	270	7.7	2.3	29.401427
27 november	13:24	90	19:24	39	01:28	270	7.7	2.3	29.416848
28 november	13:21	90	19:20	39	01:24	270	7.7	2.3	29.432407
29 november	13:17	90	19:16	39	01:20	270	7.7	2.3	29.448100
30 november	13:13	90	19:12	39	01:16	270	7.7	2.3	29.463922
1 december	13:09	90	19:08	39	01:12	270	7.7	2.3	29.479869
2 december	13:05	90	19:04	39	01:08	270	7.7	2.3	29.495935
3 december	13:01	90	19:00	39	01:04	270	7.7	2.3	29.512117
4 december	12:57	90	18:56	39	01:00	270	7.7	2.3	29.528408
5 december	12:53	90	18:52	39	00:56	270	7.7	2.3	29.544804
6 december	12:49	90	18:48	39	00:52	270	7.7	2.3	29.561299
7 december	12:45	90	18:45	39	00:48	270	7.7	2.3	29.577888
8 december	12:41	90	18:41	39	00:44	270	7.7	2.3	29.594565
9 december	12:37	90	18:37	39	00:40	270	7.7	2.3	29.611326
10 december	12:33	90	18:33	39	00:36	270	7.7	2.3	29.628163
11 december	12:29	90	18:29	39	00:32	270	7.7	2.3	29.645073
12 december	12:25	90	18:25	39	00:28	270	7.7	2.3	29.662049
13 december	12:21	90	18:21	39	00:24	270	7.7	2.3	29.679086
14 december	12:17	90	18:17	39	00:20	270	7.7	2.3	29.696178
15 december	12:14	90	18:13	39	00:16	270	7.7	2.3	29.713319
16 december	12:10	90	18:09	39	00:13	270	7.7	2.3	29.730505
17 december	12:06	90	18:05	39	00:09	270	7.7	2.3	29.747729
18 december	12:02	90	18:01	39	00:05	270	7.7	2.3	29.764986
19 december	11:58	90	17:57	39	00:01	270	7.7	2.3	29.782271
20 december	11:54	90	17:53	39	23:53	270	7.7	2.3	29.799578
21 december	11:50	90	17:50	39	23:49	270	7.7	2.3	29.816902
22 december	11:46	90	17:46	39	23:45	270	7.8	2.3	29.834238
23 december	11:42	90	17:42	39	23:41	270	7.8	2.3	29.851581
24 december	11:38	90	17:38	39	23:37	270	7.8	2.3	29.868926
25 december	11:34	90	17:34	39	23:34	270	7.8	2.3	29.886268
26 december	11:30	90	17:30	39	23:30	270	7.8	2.3	29.903603
27 december	11:26	90	17:26	39	23:26	270	7.8	2.3	29.920925
28 december	11:22	90	17:22	39	23:22	270	7.8	2.3	29.938230
29 december	11:19	90	17:18	39	23:18	270	7.8	2.3	29.955513
30 december	11:15	90	17:14	39	23:14	270	7.8	2.3	29.972767
31 december	11:11	90	17:10	39	23:10	270	7.8	2.3	29.989990