

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Saint-Jean-de-Maurienne 45.2729° N 6.3484° E

Berechnung: pyEphem
Textsatz: L^AT_EX

Atmosphären-Einstellungen in pyEphem

Standort.pressure = 1010.0
Standort.horizon = '0:00:00.0'

Alle Zeitangaben beziehen sich auf den in der jeweiligen Zeile angegeben Kalendertag. Liegt ein Ereignis bereits nach Mitternacht, also schon am Folgetag, ist die Zeitangabe mit einem * gekennzeichnet, z.B.: 00:20*.

Spalte 1 Kalendertag.

Spalte 2 Bei »MESZ« sind alle Zeitangaben in dieser Zeile in Mitteleuropäischer Sommerzeit, ansonsten standardmäßig in MEZ.

Spalte 3 Die für Deep-Sky-Beobachtungen nutzbare Zeitspanne: Es ist astronomisch dunkel (Sonne steht tiefer als -18°) und kein Mond stört.

Spalte 4 Dauer der für Deep-Sky-Beobachtungen nutzbaren Zeitspanne.

Spalte 5 Ereignisse, die die für Deep-Sky-Beobachtungen nutzbare Zeitspanne begrenzen: AN₊ (Einbruch der astronomischen Nacht = Ende der astr. Abenddämmerung), M_v (Monduntergang), AN₋ (Ende der astronomischen Nacht = Beginn der astr. Morgendämmerung), M_l

(Mondaufgang), Astr. MD (Astronomische Mitternachtsdämmerung), Naut. MD (Nautische Mitternachtsdämmerung).

Spalte 6 Mondphase.

Spalte 7 Mondaufgang.

Spalte 8 Monduntergang.

Spalte 9 Beginn der astr. Morgendämmerung (Sonnenhöhe = -18°).

Spalte 10 Dauer der astr. Morgendämmerung.

Spalte 11 Beginn der naut. Morgendämmerung (Sonnenhöhe = -12°).

Spalte 12 Dauer der naut. Morgendämmerung.

Spalte 13 Beginn der bürg. Morgendämmerung (Sonnenhöhe = -6°).

Spalte 14 Dauer der bürg. Morgendämmerung.

Spalte 15 Sonnenaufgang.

Spalte 16 Taglänge.

Spalte 17 Sonnenuntergang.

Spalte 18 Dauer der bürg. Abenddämmerung.

Spalte 19 Ende der bürg. Abenddämmerung (Sonnenhöhe = -6°).

Spalte 20 Dauer der naut. Abenddämmerung.

Spalte 21 Ende der naut. Abenddämmerung (Sonnenhöhe = -12°).

Spalte 22 Dauer der astr. Abenddämmerung.

Spalte 23 Ende der astr. Abenddämmerung (Sonnenhöhe = -18°).

Spalte 24 Länge der Nacht.

Spalte 25 Länge der astr. Nacht.

Für Beobachter, die zu Zeiten der Mitternachtsdämmerung während der astr. Dämmerung beobachten möchten:

Spalte 26 Nutzbare Zeitspanne: Es ist »nautisch dunkel« (Sonne steht tiefer als -12°) und kein Mond stört.

Spalte 27 Dauer der in Spalte 26 angegebenen Zeitspanne.

Spalte 28 Ereignisse, die die nutzbare Zeitspanne begrenzen: ND₊ (Beginn der »naut. Dunkelheit« = Ende der naut. Abenddämmerung), M_v (Monduntergang), ND₋ (Ende der »naut. Dunkelheit« = Beginn der naut. Morgendämmerung), M_l (Mondaufgang), Naut. MD (Nautische Mitternachtsdämmerung).

Spalte 29 Identisch zu Spalte 1.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
		Δt			Ph.	\nearrow	\searrow	Astr.	Δt	Naut.	Δt	Bürg.	Δt	\nearrow	Δt	\searrow	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
Mi, 1. Jan		18:51 – 06:25*	11h 34m	AN ₊ bis AN ₋		09:48	18:32	06:25	35m	07:01	36m	07:37	35m	08:13	8h 49m	17:03	35m	17:39	36m	18:15	35m	18:51	15h 10m	11h 34m				Mi, 1. Jan
Do, 2. Jan		19:50 – 06:25*	10h 34m	M _\ bis AN ₋		10:20	19:50	06:25	35m	07:01	36m	07:37	35m	08:13	8h 50m	17:04	35m	17:39	36m	18:16	35m	18:52	15h 09m	11h 33m				Do, 2. Jan
Fr, 3. Jan		21:09 – 06:25*	9h 16m	M _\ bis AN ₋		10:45	21:09	06:25	35m	07:01	36m	07:37	35m	08:13	8h 51m	17:05	35m	17:40	36m	18:17	35m	18:53	15h 08m	11h 32m				Fr, 3. Jan
Sa, 4. Jan		22:26 – 06:25*	7h 59m	M _\ bis AN ₋		11:07	22:26	06:25	35m	07:01	36m	07:37	35m	08:13	8h 52m	17:06	35m	17:41	36m	18:18	35m	18:53	15h 07m	11h 31m				Sa, 4. Jan
So, 5. Jan		23:42 – 06:25*	6h 42m	M _\ bis AN ₋		11:26	23:42	06:25	35m	07:01	36m	07:37	35m	08:13	8h 53m	17:07	35m	17:42	36m	18:19	35m	18:54	15h 05m	11h 30m				So, 5. Jan
Mo, 6. Jan		00:59* – 06:25*	5h 25m	M _\ bis AN ₋		11:45	—:—	06:25	35m	07:01	36m	07:37	35m	08:13	8h 55m	17:08	35m	17:43	36m	18:20	35m	18:55	15h 04m	11h 29m				Mo, 6. Jan
Di, 7. Jan		02:18* – 06:25*	4h 07m	M _\ bis AN ₋	☾	12:04	00:59	06:25	35m	07:01	36m	07:37	35m	08:12	8h 56m	17:09	35m	17:44	36m	18:21	35m	18:56	15h 03m	11h 28m				Di, 7. Jan
Mi, 8. Jan		03:39* – 06:25*	2h 46m	M _\ bis AN ₋		12:27	02:18	06:25	35m	07:01	36m	07:37	35m	08:12	8h 57m	17:10	35m	17:45	36m	18:22	35m	18:57	15h 01m	11h 27m				Mi, 8. Jan
Do, 9. Jan		05:00* – 06:25*	1h 25m	M _\ bis AN ₋		12:55	03:39	06:25	35m	07:00	36m	07:36	35m	08:12	8h 59m	17:11	35m	17:46	36m	18:23	35m	18:58	15h 00m	11h 26m				Do, 9. Jan
Fr, 10. Jan		06:16* – 06:24*	7m	M _\ bis AN ₋		13:32	05:00	06:25	35m	07:00	36m	07:36	35m	08:12	9h 00m	17:12	35m	17:48	36m	18:24	35m	18:59	14h 58m	11h 25m				Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		14:19	06:16	06:24	35m	07:00	36m	07:36	35m	08:11	9h 02m	17:13	35m	17:49	36m	18:25	35m	19:00	14h 57m	11h 24m				Sa, 11. Jan
So, 12. Jan		—:—:—:—	–	Mond stört		15:20	07:23	06:24	35m	07:00	35m	07:36	35m	08:11	9h 03m	17:15	35m	17:50	35m	18:26	35m	19:01	14h 55m	11h 22m				So, 12. Jan
Mo, 13. Jan		—:—:—:—	–	Mond stört	☾	16:30	08:17	06:24	35m	06:59	35m	07:35	35m	08:10	9h 05m	17:16	35m	17:51	35m	18:27	35m	19:02	14h 53m	11h 21m				Mo, 13. Jan
Di, 14. Jan		—:~:~:~:~	–	Mond stört		17:44	08:57	06:24	35m	06:59	35m	07:35	35m	08:10	9h 07m	17:17	35m	17:52	35m	18:28	35m	19:03	14h 52m	11h 19m				Di, 14. Jan
Mi, 15. Jan		—:~:~:~:~	–	Mond stört		18:59	09:28	06:23	35m	06:58	35m	07:34	34m	08:09	9h 09m	17:18	34m	17:53	35m	18:29	35m	19:04	14h 50m	11h 18m				Mi, 15. Jan
Do, 16. Jan		19:05 – 20:10	1h 04m	AN ₊ bis M _\		20:10	09:51	06:23	35m	06:58	35m	07:34	34m	08:09	9h 11m	17:20	34m	17:54	35m	18:30	35m	19:05	14h 48m	11h 16m				Do, 16. Jan
Fr, 17. Jan		19:07 – 21:18	2h 11m	AN ₊ bis M _\		21:18	10:10	06:22	35m	06:58	35m	07:33	34m	08:08	9h 12m	17:21	34m	17:56	35m	18:31	35m	19:07	14h 46m	11h 15m				Fr, 17. Jan
Sa, 18. Jan		19:08 – 22:24	3h 15m	AN ₊ bis M _\		22:24	10:27	06:22	35m	06:57	35m	07:33	34m	08:07	9h 14m	17:22	34m	17:57	35m	18:32	35m	19:08	14h 44m	11h 13m				Sa, 18. Jan
So, 19. Jan		19:09 – 23:28	4h 18m	AN ₊ bis M _\		23:28	10:42	06:21	35m	06:57	35m	07:32	34m	08:07	9h 17m	17:24	34m	17:58	35m	18:34	35m	19:09	14h 42m	11h 12m				So, 19. Jan
Mo, 20. Jan		19:10 – 00:32*	5h 21m	AN ₊ bis M _\		—:—	10:58	06:21	35m	06:56	35m	07:31	34m	08:06	9h 19m	17:25	34m	17:59	35m	18:35	35m	19:10	14h 40m	11h 10m				Mo, 20. Jan
Di, 21. Jan		19:11 – 01:37*	6h 25m	AN ₊ bis M _\	☾	00:32	11:14	06:20	34m	06:55	35m	07:31	34m	08:05	9h 21m	17:26	34m	18:01	35m	18:36	35m	19:11	14h 37m	11h 08m				Di, 21. Jan
Mi, 22. Jan		19:12 – 02:44*	7h 31m	AN ₊ bis M _\		01:37	11:33	06:20	34m	06:55	35m	07:30	34m	08:04	9h 23m	17:28	34m	18:02	35m	18:37	34m	19:12	14h 35m	11h 06m				Mi, 22. Jan
Do, 23. Jan		19:13 – 03:52*	8h 38m	AN ₊ bis M _\		02:44	11:56	06:19	34m	06:54	35m	07:29	34m	08:03	9h 25m	17:29	34m	18:03	35m	18:38	34m	19:13	14h 33m	11h 04m				Do, 23. Jan
Fr, 24. Jan		19:15 – 05:00*	9h 44m	AN ₊ bis M _\		03:52	12:25	06:18	34m	06:53	35m	07:28	34m	08:02	9h 27m	17:30	34m	18:05	35m	18:40	34m	19:15	14h 31m	11h 03m				Fr, 24. Jan
Sa, 25. Jan		19:16 – 06:03*	10h 47m	AN ₊ bis M _\		05:00	13:04	06:18	34m	06:52	35m	07:28	34m	08:02	9h 30m	17:32	34m	18:06	35m	18:41	34m	19:16	14h 28m	11h 01m				Sa, 25. Jan
So, 26. Jan		19:17 – 06:16*	10h 59m	AN ₊ bis AN ₋		06:03	13:54	06:17	34m	06:52	35m	07:27	33m	08:01	9h 32m	17:33	33m	18:07	35m	18:42	34m	19:17	14h 26m	10h 59m				So, 26. Jan
Mo, 27. Jan		19:18 – 06:15*	10h 57m	AN ₊ bis AN ₋		06:59	14:57	06:16	34m	06:51	34m	07:26	33m	08:00	9h 35m	17:35	33m	18:08	34m	18:43	34m	19:18	14h 23m	10h 57m				Mo, 27. Jan
Di, 28. Jan		19:19 – 06:14*	10h 54m	AN ₊ bis AN ₋		07:44	16:11	06:15	34m	06:50	34m	07:25	33m	07:59	9h 37m	17:36	33m	18:10	34m	18:45	34m	19:19	14h 21m	10h 54m				Di, 28. Jan
Mi, 29. Jan		19:21 – 06:13*	10h 52m	AN ₊ bis AN ₋	☾	08:19	17:30	06:14	34m	06:49	34m	07:24	33m	07:57	9h 40m	17:38	33m	18:11	34m	18:46	34m	19:21	14h 18m	10h 52m				Mi, 29. Jan
Do, 30. Jan		19:22 – 06:13*	10h 50m	AN ₊ bis AN ₋		08:47	18:51	06:13	34m	06:48	34m	07:23	33m	07:56	9h 42m	17:39	33m	18:13	34m	18:47	34m	19:22	14h 16m	10h 50m				Do, 30. Jan
Fr, 31. Jan		20:11 – 06:12*	10h 01m	M _\ bis AN ₋		09:10	20:11	06:13	34m	06:47	34m	07:22	33m	07:55	9h 45m	17:40	33m	18:14	34m	18:49	34m	19:23	14h 13m	10h 48m				Fr, 31. Jan
Sa, 1. Feb		21:29 – 06:11*	8h 41m	M _\ bis AN ₋		09:31	21:29	06:12	34m	06:46	34m	07:21	33m	07:54	9h 47m	17:42	33m	18:15	34m	18:50	34m	19:24	14h 11m	10h 46m				Sa, 1. Feb
So, 2. Feb		22:48 – 06:10*	7h 21m	M _\ bis AN ₋		09:50	22:48	06:11	34m	06:45	34m	07:20	33m	07:53	9h 50m	17:43	33m	18:17	34m	18:51	34m	19:26	14h 08m	10h 43m				So, 2. Feb
Mo, 3. Feb		00:07* – 06:09*	6h 01m	M _\ bis AN ₋		10:10	—:—	06:10	34m	06:44	34m	07:18	33m	07:52	9h 53m	17:45	33m	18:18	34m	18:52	34m	19:27	14h 05m	10h 41m				Mo, 3. Feb
Di, 4. Feb		01:28* – 06:07*	4h 39m	M _\ bis AN ₋		10:31	00:07	06:09	34m	06:43	34m	07:17	33m	07:50	9h 55m	17:46	33m	18:19	34m	18:54	34m	19:28	14h 02m	10h 39m				Di, 4. Feb
Mi, 5. Feb		02:49* – 06:06*	3h 17m	M _\ bis AN ₋	☾	10:58	01:28	06:07	34m	06:42	34m	07:16	32m	07:49	9h 58m	17:48	33m	18:21	34m	18:55	34m	19:29	14h 00m	10h 36m				Mi, 5. Feb
Do, 6. Feb		04:06* – 06:05*	1h 59m	M _\ bis AN ₋		11:31	02:49	06:06	34m	06:41	34m	07:15	32m	07:48	10h 01m	17:49	32m	18:22	34m	18:56	34m	19:31	13h 57m	10h 34m				Do, 6. Feb
Fr, 7. Feb		05:15* – 06:04*	48m	M _\ bis AN ₋		12:14	04:06	06:05	34m	06:39	34m	07:14	32m	07:46	10h 04m	17:51	32m	18:23	34m	18:58	34m	19:32	13h 54m	10h 31m				Fr, 7. Feb
Sa, 8. Feb		—:~:~:~:~	–	Mond stört		13:08	05:15	06:04	34m	06:38	34m	07:12	32m	07:45	10h 06m	17:52	32m	18:25	34m	18:59	34m	19:33	13h 51m	10h 29m				Sa, 8. Feb
So, 9. Feb		—:~:~:~:~	–	Mond stört		14:14	06:12	06:03	34m	06:37	34m	07:11	32m	07:44	10h 09m	17:53	32m	18:26	34m	19:00	34m	19:35	13h 48m	10h 26m				So, 9. Feb
Mo, 10. Feb		—:~:~:~:~	–	Mond stört		15:27	06:56	06:01	34m	06:36	34m	07:10	32m	07:42	10h 12m	17:55	32m	18:27	34m	19:02	34m	19:36	13h 46m	10h 24m				Mo, 10. Feb
Di, 11. Feb		—:~:~:~:~	–	Mond stört		16:41	07:29	06:00	34m	06:34	34m	07:08	32m	07:41	10h 15m	17:56	32m	18:29	34m	19:03	34m	19:37	13h 43m	10h 21m				Di, 11. Feb
Mi, 12. Feb		—:~:~:~:~	–	Mond stört	☾	17:53	07:54	05:59	34m	06:33	33m	07:07</																

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
			Δt		Ph.	\nearrow	\searrow	Astr.	Δt	Naut.	Δt	Bürg.	Δt	\nearrow	Δt	\searrow	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
Do, 20. Feb		19:49–02:43*	6h 54m	AN ₊ bis M _J	☾	01:36	10:23	05:47	34m	06:22	33m	06:55	31m	07:27	10h 42m	18:09	31m	18:41	33m	19:15	34m	19:49	13h 16m	9h 57m				Do, 20. Feb
Fr, 21. Feb		19:50–03:48*	7h 57m	AN ₊ bis M _J		02:43	10:57	05:46	34m	06:20	33m	06:54	31m	07:25	10h 45m	18:11	31m	18:42	33m	19:16	34m	19:50	13h 13m	9h 54m				Fr, 21. Feb
Sa, 22. Feb		19:52–04:47*	8h 54m	AN ₊ bis M _J		03:48	11:41	05:44	34m	06:18	33m	06:52	31m	07:24	10h 48m	18:12	31m	18:44	33m	19:17	34m	19:52	13h 10m	9h 51m				Sa, 22. Feb
So, 23. Feb		19:53–05:36*	9h 42m	AN ₊ bis M _J		04:47	12:37	05:43	34m	06:17	33m	06:50	31m	07:22	10h 51m	18:13	31m	18:45	33m	19:19	34m	19:53	13h 06m	9h 48m				So, 23. Feb
Mo, 24. Feb		19:54–05:39*	9h 45m	AN ₊ bis AN ₋		05:36	13:45	05:41	34m	06:15	33m	06:49	31m	07:20	10h 54m	18:15	31m	18:46	33m	19:20	34m	19:54	13h 03m	9h 45m				Mo, 24. Feb
Di, 25. Feb		19:56–05:38*	9h 42m	AN ₊ bis AN ₋		06:15	15:02	05:39	34m	06:14	33m	06:47	31m	07:19	10h 57m	18:16	31m	18:48	33m	19:21	34m	19:56	13h 00m	9h 42m				Di, 25. Feb
Mi, 26. Feb		19:57–05:36*	9h 39m	AN ₊ bis AN ₋		06:46	16:22	05:38	34m	06:12	33m	06:45	31m	07:17	11h 00m	18:18	31m	18:49	33m	19:23	34m	19:57	12h 57m	9h 39m				Mi, 26. Feb
Do, 27. Feb		19:58–05:34*	9h 36m	AN ₊ bis AN ₋		07:12	17:44	05:36	34m	06:10	33m	06:44	31m	07:15	11h 03m	18:19	31m	18:51	33m	19:24	34m	19:58	12h 54m	9h 36m				Do, 27. Feb
Fr, 28. Feb		20:00–05:33*	9h 33m	AN ₊ bis AN ₋	☉	07:33	19:06	05:34	34m	06:09	33m	06:42	31m	07:13	11h 06m	18:20	31m	18:52	33m	19:25	34m	20:00	12h 51m	9h 33m				Fr, 28. Feb
Sa, 1. Mrz		20:27–05:31*	9h 03m	M _\ bis AN ₋		07:53	20:27	05:33	34m	06:07	33m	06:40	31m	07:12	11h 09m	18:22	31m	18:53	33m	19:27	34m	20:01	12h 48m	9h 29m				Sa, 1. Mrz
So, 2. Mrz		21:49–05:29*	7h 40m	M _\ bis AN ₋		08:13	21:49	05:31	34m	06:05	33m	06:39	31m	07:10	11h 13m	18:23	31m	18:55	33m	19:28	34m	20:02	12h 45m	9h 26m				So, 2. Mrz
Mo, 3. Mrz		23:12–05:27*	6h 15m	M _\ bis AN ₋		08:35	23:12	05:29	34m	06:03	33m	06:37	31m	07:08	11h 16m	18:24	31m	18:56	33m	19:29	34m	20:04	12h 41m	9h 23m				Mo, 3. Mrz
Di, 4. Mrz		00:36*–05:26*	4h 49m	M _\ bis AN ₋		09:00	—:—	05:27	34m	06:02	33m	06:35	31m	07:06	11h 19m	18:26	31m	18:57	33m	19:31	34m	20:05	12h 38m	9h 20m				Di, 4. Mrz
Mi, 5. Mrz		01:56*–05:24*	3h 27m	M _\ bis AN ₋		09:31	00:36	05:26	34m	06:00	33m	06:33	31m	07:05	11h 22m	18:27	31m	18:59	33m	19:32	34m	20:06	12h 35m	9h 17m				Mi, 5. Mrz
Do, 6. Mrz		03:09*–05:22*	2h 12m	M _\ bis AN ₋	☽	10:11	01:56	05:24	34m	05:58	33m	06:32	31m	07:03	11h 25m	18:29	31m	19:00	33m	19:33	34m	20:08	12h 32m	9h 13m				Do, 6. Mrz
Fr, 7. Mrz		04:09*–05:20*	1h 10m	M _\ bis AN ₋		11:03	03:09	05:22	34m	05:56	33m	06:30	31m	07:01	11h 28m	18:30	31m	19:01	33m	19:35	34m	20:09	12h 29m	9h 10m				Fr, 7. Mrz
Sa, 8. Mrz		04:56*–05:18*	21m	M _\ bis AN ₋		12:05	04:09	05:20	34m	05:54	33m	06:28	31m	06:59	11h 32m	18:31	31m	19:03	33m	19:36	34m	20:11	12h 26m	9h 07m				Sa, 8. Mrz
So, 9. Mrz		—:—:—:—	–	Mond stört		13:15	04:56	05:18	34m	05:53	33m	06:26	31m	06:57	11h 35m	18:33	31m	19:04	33m	19:37	34m	20:12	12h 22m	9h 04m				So, 9. Mrz
Mo, 10. Mrz		—:—:—:—	–	Mond stört		14:28	05:32	05:16	34m	05:51	33m	06:24	31m	06:55	11h 38m	18:34	31m	19:05	33m	19:39	34m	20:13	12h 19m	9h 00m				Mo, 10. Mrz
Di, 11. Mrz		—:—:—:—	–	Mond stört		15:40	05:59	05:14	34m	05:49	33m	06:22	31m	06:54	11h 41m	18:35	31m	19:06	33m	19:40	34m	20:15	12h 16m	8h 57m				Di, 11. Mrz
Mi, 12. Mrz		—:~:~:~:~	–	Mond stört		16:50	06:20	05:12	34m	05:47	33m	06:21	31m	06:52	11h 44m	18:37	31m	19:08	33m	19:41	34m	20:16	12h 13m	8h 54m				Mi, 12. Mrz
Do, 13. Mrz		—:~:~:~:~	–	Mond stört		17:57	06:38	05:10	34m	05:45	33m	06:19	31m	06:50	11h 47m	18:38	31m	19:09	33m	19:43	34m	20:18	12h 10m	8h 50m				Do, 13. Mrz
Fr, 14. Mrz		—:~:~:~:~	–	Mond stört	☽	19:02	06:54	05:08	34m	05:43	33m	06:17	31m	06:48	11h 51m	18:39	31m	19:10	33m	19:44	35m	20:19	12h 06m	8h 47m				Fr, 14. Mrz
Sa, 15. Mrz		—:~:~:~:~	–	Mond stört		20:06	07:09	05:06	34m	05:41	33m	06:15	31m	06:46	11h 54m	18:40	31m	19:12	33m	19:46	35m	20:21	12h 03m	8h 43m				Sa, 15. Mrz
So, 16. Mrz		20:22–21:11	48m	AN ₊ bis M _J		21:11	07:24	05:04	35m	05:39	33m	06:13	31m	06:44	11h 57m	18:42	31m	19:13	33m	19:47	35m	20:22	12h 00m	8h 40m				So, 16. Mrz
Mo, 17. Mrz		20:24–22:16	1h 52m	AN ₊ bis M _J		22:16	07:41	05:02	35m	05:37	33m	06:11	31m	06:42	12h 00m	18:43	31m	19:14	33m	19:48	35m	20:24	11h 57m	8h 36m				Mo, 17. Mrz
Di, 18. Mrz		20:25–23:23	2h 58m	AN ₊ bis M _J		23:23	08:01	05:00	35m	05:36	33m	06:09	31m	06:41	12h 03m	18:44	31m	19:16	33m	19:50	35m	20:25	11h 54m	8h 33m				Di, 18. Mrz
Mi, 19. Mrz		20:26–00:30*	4h 03m	AN ₊ bis M _J		—:—	08:24	04:58	35m	05:34	33m	06:07	31m	06:39	12h 07m	18:46	31m	19:17	33m	19:51	35m	20:26	11h 51m	8h 29m				Mi, 19. Mrz
Do, 20. Mrz		20:28–01:36*	5h 07m	AN ₊ bis M _J		00:30	08:54	04:56	35m	05:32	33m	06:05	31m	06:37	12h 10m	18:47	31m	19:18	34m	19:52	35m	20:28	11h 47m	8h 26m				Do, 20. Mrz
Fr, 21. Mrz		20:29–02:36*	6h 06m	AN ₊ bis M _J		01:36	09:33	04:54	35m	05:30	33m	06:04	31m	06:35	12h 13m	18:48	31m	19:20	34m	19:54	35m	20:29	11h 44m	8h 22m				Fr, 21. Mrz
Sa, 22. Mrz		20:31–03:28*	6h 56m	AN ₊ bis M _J	☽	02:36	10:23	04:52	35m	05:28	34m	06:02	31m	06:33	12h 16m	18:50	31m	19:21	34m	19:55	35m	20:31	11h 41m	8h 18m				Sa, 22. Mrz
So, 23. Mrz		20:32–04:10*	7h 37m	AN ₊ bis M _J		03:28	11:25	04:50	35m	05:26	34m	06:00	31m	06:31	12h 19m	18:51	31m	19:22	34m	19:57	35m	20:32	11h 38m	8h 15m				So, 23. Mrz
Mo, 24. Mrz		20:34–04:44*	8h 09m	AN ₊ bis M _J		04:10	12:36	04:48	35m	05:24	34m	05:58	31m	06:29	12h 23m	18:52	31m	19:24	34m	19:58	36m	20:34	11h 35m	8h 11m				Mo, 24. Mrz
Di, 25. Mrz		20:36–04:43*	8h 07m	AN ₊ bis AN ₋		04:44	13:53	04:46	36m	05:22	34m	05:56	31m	06:27	12h 26m	18:53	31m	19:25	34m	19:59	36m	20:36	11h 31m	8h 07m				Di, 25. Mrz
Mi, 26. Mrz		20:37–04:41*	8h 04m	AN ₊ bis AN ₋		05:11	15:13	04:43	36m	05:20	34m	05:54	31m	06:25	12h 29m	18:55	31m	19:26	34m	20:01	36m	20:37	11h 28m	8h 04m				Mi, 26. Mrz
Do, 27. Mrz		20:39–04:39*	8h 00m	AN ₊ bis AN ₋		05:34	16:34	04:41	36m	05:18	34m	05:52	31m	06:24	12h 32m	18:56	31m	19:28	34m	20:02	36m	20:39	11h 25m	8h 00m				Do, 27. Mrz
Fr, 28. Mrz		20:40–04:37*	7h 56m	AN ₊ bis AN ₋		05:55	17:56	04:39	36m	05:16	34m	05:50	31m	06:22	12h 35m	18:57	31m	19:29	34m	20:04	36m	20:40	11h 22m	7h 56m				Fr, 28. Mrz
Sa, 29. Mrz		20:42–04:35*	7h 53m	AN ₊ bis AN ₋	☉	06:15	19:19	04:37	36m	05:14	34m	05:48	31m	06:20	12h 38m	18:59	31m	19:30	34m	20:05	36m	20:42	11h 19m	7h 53m				Sa, 29. Mrz
So, 30. Mrz	MESZ	21:44–05:33*	7h 48m	M _\ bis AN ₋		07:36	21:44	05:35	36m	06:12	34m	06:46	31m	07:18	12h 42m	20:00	31m	20:32	34m	21:06	36m	21:43	11h 16m	7h 49m				So, 30. Mrz
Mo, 31. Mrz	MESZ	23:11–05:30*	6h 19m	M _\ bis AN ₋		08:00	23:11	05:33	36m	06:10	34m	06:44	31m	07:16	12h 45m	20:01	31m	20:33	34m	21:08	37m	21:45	11h 12m	7h 45m				Mo, 31. Mrz
Di, 1. Apr	MESZ	00:37*–05:28*	4h 51m	M _\ bis AN ₋		08:29	—:—	05:30	37m	06:08	34m	06:42	31m	07:14	12h 48m	20:03	31m	20:34	34m	21:09	37m	21:47	11h 09m	7h 41m				Di, 1. Apr
Mi, 2. Apr	MESZ	01:56*–05:26*	3h 30m	M _\ bis AN ₋		09:07	00:37	05:28	37m	06:06	34m	06:40	31m	07:12	12h 51m	20:04	31m	20:36	35m	21:11	37m	21:48	11h 06m	7h 37m				Mi, 2. Apr
Do, 3.																												

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne				Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
			Δt		Ph.	\nearrow	\searrow	Astr.	Δt	Naut.	Δt	Bürg.	Δt	\nearrow	Δt	\searrow	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt			
Fr, 11. Apr	MESZ	—:—:—:—	—	Mond stört		18:57	06:16	05:08	39m	05:47	36m	06:23	32m	06:56	13h 19m	20:15	32m	20:48	36m	21:24	39m	22:04	10h 38m	7h 02m					Fr, 11. Apr
Sa, 12. Apr	MESZ	—:—:—:—	—	Mond stört		20:01	06:32	05:06	39m	05:45	36m	06:21	32m	06:54	13h 22m	20:17	32m	20:49	36m	21:26	39m	22:05	10h 35m	6h 58m					Sa, 12. Apr
So, 13. Apr	MESZ	—:—:—:—	—	Mond stört	○	21:06	06:48	05:03	39m	05:43	36m	06:19	32m	06:52	13h 25m	20:18	32m	20:51	36m	21:27	39m	22:07	10h 32m	6h 54m					So, 13. Apr
Mo, 14. Apr	MESZ	22:09 – 22:13	3m	AN ₊ bis M ₇		22:13	07:06	05:01	39m	05:41	36m	06:18	32m	06:50	13h 28m	20:19	32m	20:52	36m	21:29	40m	22:09	10h 29m	6h 50m					Mo, 14. Apr
Di, 15. Apr	MESZ	22:11 – 23:20	1h 09m	AN ₊ bis M ₇		23:20	07:29	04:59	40m	05:39	36m	06:16	32m	06:49	13h 31m	20:20	32m	20:53	36m	21:30	40m	22:11	10h 26m	6h 45m					Di, 15. Apr
Mi, 16. Apr	MESZ	22:13 – 00:26*	2h 13m	AN ₊ bis M ₇		—:—	07:56	04:57	40m	05:37	36m	06:14	32m	06:47	13h 34m	20:22	33m	20:55	37m	21:32	40m	22:13	10h 23m	6h 41m					Mi, 16. Apr
Do, 17. Apr	MESZ	22:14 – 01:27*	3h 13m	AN ₊ bis M ₇		00:26	08:32	04:54	40m	05:35	37m	06:12	32m	06:45	13h 37m	20:23	33m	20:56	37m	21:33	41m	22:14	10h 20m	6h 37m					Do, 17. Apr
Fr, 18. Apr	MESZ	22:16 – 02:22*	4h 05m	AN ₊ bis M ₇		01:27	09:18	04:52	40m	05:33	37m	06:10	33m	06:43	13h 40m	20:24	33m	20:57	37m	21:35	41m	22:16	10h 17m	6h 33m					Fr, 18. Apr
Sa, 19. Apr	MESZ	22:18 – 03:06*	4h 48m	AN ₊ bis M ₇		02:22	10:14	04:50	41m	05:31	37m	06:08	33m	06:42	13h 43m	20:26	33m	20:59	37m	21:36	41m	22:18	10h 14m	6h 29m					Sa, 19. Apr
So, 20. Apr	MESZ	22:20 – 03:42*	5h 22m	AN ₊ bis M ₇		03:06	11:20	04:47	41m	05:29	37m	06:07	33m	06:40	13h 46m	20:27	33m	21:00	37m	21:38	41m	22:20	10h 11m	6h 25m					So, 20. Apr
Mo, 21. Apr	MESZ	22:22 – 04:11*	5h 49m	AN ₊ bis M ₇	◐	03:42	12:33	04:45	41m	05:27	37m	06:05	33m	06:38	13h 49m	20:28	33m	21:02	37m	21:40	42m	22:22	10h 08m	6h 20m					Mo, 21. Apr
Di, 22. Apr	MESZ	22:24 – 04:35*	6h 11m	AN ₊ bis M ₇		04:11	13:49	04:43	42m	05:25	37m	06:03	33m	06:37	13h 52m	20:29	33m	21:03	38m	21:41	42m	22:24	10h 05m	6h 16m					Di, 22. Apr
Mi, 23. Apr	MESZ	22:26 – 04:38*	6h 12m	AN ₊ bis AN ₋		04:35	15:07	04:41	42m	05:23	38m	06:01	33m	06:35	13h 55m	20:31	33m	21:04	38m	21:43	42m	22:26	10h 02m	6h 12m					Mi, 23. Apr
Do, 24. Apr	MESZ	22:28 – 04:36*	6h 08m	AN ₊ bis AN ₋		04:56	16:26	04:38	42m	05:21	38m	05:59	33m	06:33	13h 58m	20:32	33m	21:06	38m	21:44	43m	22:28	9h 59m	6h 08m					Do, 24. Apr
Fr, 25. Apr	MESZ	22:30 – 04:34*	6h 04m	AN ₊ bis AN ₋		05:16	17:47	04:36	43m	05:19	38m	05:58	33m	06:32	14h 01m	20:33	34m	21:07	38m	21:46	43m	22:30	9h 56m	6h 04m					Fr, 25. Apr
Sa, 26. Apr	MESZ	22:32 – 04:31*	5h 59m	AN ₊ bis AN ₋		05:36	19:10	04:34	43m	05:17	38m	05:56	34m	06:30	14h 04m	20:34	34m	21:09	38m	21:48	43m	22:32	9h 54m	5h 59m					Sa, 26. Apr
So, 27. Apr	MESZ	22:34 – 04:29*	5h 55m	AN ₊ bis AN ₋	◑	05:58	20:37	04:31	43m	05:15	38m	05:54	34m	06:28	14h 07m	20:36	34m	21:10	39m	21:49	44m	22:34	9h 51m	5h 55m					So, 27. Apr
Mo, 28. Apr	MESZ	22:36 – 04:27*	5h 51m	AN ₊ bis AN ₋		06:25	22:05	04:29	44m	05:13	39m	05:53	34m	06:27	14h 10m	20:37	34m	21:11	39m	21:51	44m	22:36	9h 48m	5h 51m					Mo, 28. Apr
Di, 29. Apr	MESZ	23:30 – 04:25*	4h 54m	M _\ bis AN ₋		06:59	23:30	04:27	44m	05:12	39m	05:51	34m	06:25	14h 12m	20:38	34m	21:13	39m	21:52	45m	22:38	9h 45m	5h 46m					Di, 29. Apr
Mi, 30. Apr	MESZ	00:46* – 04:22*	3h 36m	M _\ bis AN ₋		07:44	—:—	04:25	45m	05:10	39m	05:49	34m	06:24	14h 15m	20:40	34m	21:14	39m	21:54	45m	22:40	9h 42m	5h 42m					Mi, 30. Apr
Do, 1. Mai	MESZ	01:47* – 04:20*	2h 33m	M _\ bis AN ₋		08:42	00:46	04:22	45m	05:08	39m	05:48	34m	06:22	14h 18m	20:41	34m	21:16	40m	21:56	45m	22:42	9h 40m	5h 38m					Do, 1. Mai
Fr, 2. Mai	MESZ	02:32* – 04:18*	1h 45m	M _\ bis AN ₋		09:51	01:47	04:20	45m	05:06	40m	05:46	34m	06:21	14h 21m	20:42	34m	21:17	40m	21:57	46m	22:44	9h 37m	5h 34m					Fr, 2. Mai
Sa, 3. Mai	MESZ	03:06* – 04:16*	1h 09m	M _\ bis AN ₋		11:05	02:32	04:18	46m	05:04	40m	05:44	34m	06:19	14h 23m	20:43	35m	21:18	40m	21:59	46m	22:46	9h 34m	5h 29m					Sa, 3. Mai
So, 4. Mai	MESZ	03:31* – 04:13*	42m	M _\ bis AN ₋	◒	12:20	03:06	04:16	46m	05:02	40m	05:43	35m	06:18	14h 26m	20:45	35m	21:20	40m	22:01	47m	22:48	9h 32m	5h 25m					So, 4. Mai
Mo, 5. Mai	MESZ	03:51* – 04:11*	19m	M _\ bis AN ₋		13:31	03:31	04:13	47m	05:01	40m	05:41	35m	06:17	14h 29m	20:46	35m	21:21	41m	22:02	47m	22:50	9h 29m	5h 21m					Mo, 5. Mai
Di, 6. Mai	MESZ	04:08* – 04:09*	0m	M _\ bis AN ₋		14:40	03:51	04:11	47m	04:59	41m	05:40	35m	06:15	14h 31m	20:47	35m	21:23	41m	22:04	48m	22:52	9h 26m	5h 16m					Di, 6. Mai
Mi, 7. Mai	MESZ	—:—:—:—	—	Mond stört		15:45	04:08	04:09	48m	04:57	41m	05:38	35m	06:14	14h 34m	20:48	35m	21:24	41m	22:05	48m	22:54	9h 24m	5h 12m					Mi, 7. Mai
Do, 8. Mai	MESZ	—:—:~:~:~	—	Mond stört		16:49	04:24	04:07	48m	04:55	41m	05:37	35m	06:12	14h 37m	20:49	35m	21:25	41m	22:07	49m	22:56	9h 21m	5h 08m					Do, 8. Mai
Fr, 9. Mai	MESZ	—:~:~:~:~	—	Mond stört		17:53	04:39	04:04	49m	04:54	41m	05:35	35m	06:11	14h 39m	20:51	35m	21:27	42m	22:09	49m	22:58	9h 19m	5h 04m					Fr, 9. Mai
Sa, 10. Mai	MESZ	—:~:~:~:~	—	Mond stört		18:57	04:55	04:02	49m	04:52	41m	05:34	35m	06:10	14h 42m	20:52	36m	21:28	42m	22:10	50m	23:00	9h 16m	4h 59m					Sa, 10. Mai
So, 11. Mai	MESZ	—:~:~:~:~	—	Mond stört		20:03	05:13	04:00	50m	04:50	42m	05:32	36m	06:09	14h 44m	20:53	36m	21:29	42m	22:12	50m	23:02	9h 14m	4h 55m					So, 11. Mai
Mo, 12. Mai	MESZ	—:~:~:~:~	—	Mond stört	○	21:10	05:34	03:58	50m	04:49	42m	05:31	36m	06:07	14h 46m	20:54	36m	21:31	42m	22:13	51m	23:05	9h 11m	4h 51m					Mo, 12. Mai
Di, 13. Mai	MESZ	—:~:~:~:~	—	Mond stört		22:17	06:00	03:56	51m	04:47	42m	05:30	36m	06:06	14h 49m	20:55	36m	21:32	43m	22:15	51m	23:07	9h 09m	4h 47m					Di, 13. Mai
Mi, 14. Mai	MESZ	23:09 – 23:20	11m	AN ₊ bis M ₇		23:20	06:33	03:54	51m	04:45	43m	05:28	36m	06:05	14h 51m	20:57	36m	21:33	43m	22:17	52m	23:09	9h 07m	4h 42m					Mi, 14. Mai
Do, 15. Mai	MESZ	23:11 – 00:17*	1h 06m	AN ₊ bis M ₇		—:~	07:15	03:52	52m	04:44	43m	05:27	36m	06:04	14h 53m	20:58	36m	21:35	43m	22:18	52m	23:11	9h 04m	4h 38m					Do, 15. Mai
Fr, 16. Mai	MESZ	23:13 – 01:05*	1h 51m	AN ₊ bis M ₇		00:17	08:09	03:50	52m	04:42	43m	05:26	36m	06:03	14h 56m	20:59	37m	21:36	43m	22:20	53m	23:13	9h 02m	4h 34m					Fr, 16. Mai
Sa, 17. Mai	MESZ	23:15 – 01:43*	2h 27m	AN ₊ bis M ₇		01:05	09:12	03:47	53m	04:41	43m	05:25	37m	06:02	14h 58m	21:00	37m	21:37	44m	22:21	53m	23:15	9h 00m	4h 30m					Sa, 17. Mai
So, 18. Mai	MESZ	23:17 – 02:13*	2h 55m	AN ₊ bis M ₇		01:43	10:22	03:45	53m	04:39	44m	05:23	37m	06:01	15h 00m	21:01	37m	21:39	44m	22:23	54m	23:17	8h 58m	4h 26m					So, 18. Mai
Mo, 19. Mai	MESZ	23:19 – 02:38*	3h 18m	AN ₊ bis M ₇		02:13	11:36	03:43	54m	04:38	44m	05:22	37m	06:00	15h 02m	21:02	37m	21:40	44m	22:24	54m	23:19	8h 56m	4h 22m					Mo, 19. Mai
Di, 20. Mai	MESZ	23:21 – 02:59*	3h 37m	AN ₊ bis M ₇	◐	02:38	12:51	03:41	54m	04:36	44m	05:21	37m	05:59	15h 04m	21:03	37m	21:41	44m	22:26	55m	23:21	8h 54m	4h 18m					Di, 20. Mai
Mi, 21. Mai	MESZ	23:24 – 03:18*	3h 54m	AN ₊ bis M ₇		02:59	14:06	03:40	55m	04:35	44m	05:20	37m	05:58	15h 06m	21:04	37m	21:42	45m	22:27	56m	23:24	8h 52m	4h 14m					Mi, 21. Mai
Do, 22. Mai	MESZ	23:26 – 03:36*	4h 10m	AN ₊ bis AN ₋		03:18	15:23	03:38	56m																				

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
			Δt		Ph.	\nearrow	\searrow	Astr.	Δt	Naut.	Δt	Bürg.	Δt	\nearrow	Δt	\searrow	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
Sa, 31. Mai	MESZ	01:32*–03:21*	1h 48m	M _\ bis AN _\		10:01	01:03	03:22	1h 01m	04:24	47m	05:11	38m	05:50	15h 24m	21:14	39m	21:53	47m	22:41	1h 02m	23:43	8h 34m	3h 37m				Sa, 31. Mai
So, 1. Jun	MESZ	01:55*–03:19*	1h 24m	M _\ bis AN _\		11:16	01:32	03:21	1h 02m	04:23	47m	05:10	39m	05:49	15h 25m	21:15	39m	21:54	47m	22:42	1h 02m	23:45	8h 33m	3h 34m				So, 1. Jun
Mo, 2. Jun	MESZ	02:13*–03:18*	1h 04m	M _\ bis AN _\		12:27	01:55	03:19	1h 02m	04:22	47m	05:10	39m	05:49	15h 27m	21:16	39m	21:55	47m	22:43	1h 03m	23:46	8h 32m	3h 31m				Mo, 2. Jun
Di, 3. Jun	MESZ	02:30*–03:16*	46m	M _\ bis AN _\	☾	13:35	02:13	03:18	1h 03m	04:21	47m	05:09	39m	05:48	15h 28m	21:17	39m	21:56	48m	22:44	1h 03m	23:48	8h 31m	3h 28m				Di, 3. Jun
Mi, 4. Jun	MESZ	02:45*–03:15*	30m	M _\ bis AN _\		14:40	02:30	03:16	1h 03m	04:20	48m	05:08	39m	05:48	15h 29m	21:18	39m	21:57	48m	22:45	1h 04m	23:50	8h 29m	3h 25m				Mi, 4. Jun
Do, 5. Jun	MESZ	03:01*–03:14*	13m	M _\ bis AN _\		15:44	02:45	03:15	1h 04m	04:20	48m	05:08	39m	05:47	15h 30m	21:18	39m	21:58	48m	22:46	1h 04m	23:51	8h 28m	3h 22m				Do, 5. Jun
Fr, 6. Jun	MESZ	—:—:—:—	–	Mond stört		16:48	03:01	03:14	1h 04m	04:19	48m	05:07	39m	05:47	15h 32m	21:19	39m	21:59	48m	22:47	1h 05m	23:53	8h 27m	3h 20m				Fr, 6. Jun
Sa, 7. Jun	MESZ	—:—:—:—	–	Mond stört		17:54	03:18	03:13	1h 05m	04:18	48m	05:07	39m	05:47	15h 33m	21:20	39m	22:00	48m	22:48	1h 05m	23:54	8h 26m	3h 17m				Sa, 7. Jun
So, 8. Jun	MESZ	—:—:—:—	–	Mond stört		19:00	03:38	03:12	1h 05m	04:18	48m	05:07	39m	05:46	15h 34m	21:20	39m	22:00	49m	22:49	1h 06m	23:56	8h 25m	3h 15m				So, 8. Jun
Mo, 9. Jun	MESZ	—:—:~:~	–	Mond stört		20:07	04:02	03:11	1h 06m	04:17	49m	05:06	39m	05:46	15h 34m	21:21	39m	22:01	49m	22:50	1h 06m	23:57	8h 24m	3h 13m				Mo, 9. Jun
Di, 10. Jun	MESZ	—:~:~:~	–	Mond stört		21:12	04:33	03:10	1h 06m	04:17	49m	05:06	39m	05:46	15h 35m	21:22	39m	22:02	49m	22:51	1h 07m	23:58	8h 24m	3h 11m				Di, 10. Jun
Mi, 11. Jun	MESZ	—:~:~:~	–	Mond stört	☾	22:12	05:13	03:09	1h 07m	04:16	49m	05:06	39m	05:46	15h 36m	21:22	40m	22:02	49m	22:52	1h 07m	23:59	8h 23m	3h 09m				Mi, 11. Jun
Do, 12. Jun	MESZ	—:~:~:~	–	Mond stört		23:02	06:04	03:09	1h 07m	04:16	49m	05:05	40m	05:46	15h 37m	21:23	40m	22:03	49m	22:52	1h 07m	00:00*	8h 22m	3h 07m				Do, 12. Jun
Fr, 13. Jun	MESZ	—:~:~:~	–	Mond stört		23:44	07:05	03:08	1h 07m	04:16	49m	05:05	40m	05:45	15h 37m	21:23	40m	22:03	49m	22:53	1h 08m	00:01*	8h 22m	3h 06m				Fr, 13. Jun
Sa, 14. Jun	MESZ	00:02*–00:16*	13m	AN ₊ bis M ₇		—:—	08:13	03:07	1h 08m	04:16	49m	05:05	40m	05:45	15h 38m	21:24	40m	22:04	49m	22:54	1h 08m	00:02*	8h 21m	3h 04m				Sa, 14. Jun
So, 15. Jun	MESZ	00:03*–00:42*	39m	AN ₊ bis M ₇		00:16	09:26	03:07	1h 08m	04:15	49m	05:05	40m	05:45	15h 38m	21:24	40m	22:04	49m	22:54	1h 08m	00:03*	8h 21m	3h 03m				So, 15. Jun
Mo, 16. Jun	MESZ	00:04*–01:04*	1h 00m	AN ₊ bis M ₇		00:42	10:41	03:07	1h 08m	04:15	49m	05:05	40m	05:45	15h 39m	21:25	40m	22:05	49m	22:55	1h 08m	00:04*	8h 20m	3h 02m				Mo, 16. Jun
Di, 17. Jun	MESZ	00:04*–01:23*	1h 19m	AN ₊ bis M ₇		01:04	11:55	03:06	1h 08m	04:15	49m	05:05	40m	05:45	15h 39m	21:25	40m	22:05	49m	22:55	1h 09m	00:04*	8h 20m	3h 02m				Di, 17. Jun
Mi, 18. Jun	MESZ	00:05*–01:42*	1h 37m	AN ₊ bis M ₇	☾	01:23	13:10	03:06	1h 09m	04:15	49m	05:05	40m	05:45	15h 39m	21:25	40m	22:06	49m	22:55	1h 09m	00:05*	8h 20m	3h 01m				Mi, 18. Jun
Do, 19. Jun	MESZ	00:05*–02:01*	1h 55m	AN ₊ bis M ₇		01:42	14:25	03:06	1h 09m	04:15	49m	05:05	40m	05:46	15h 39m	21:25	40m	22:06	49m	22:56	1h 09m	00:05*	8h 20m	3h 01m				Do, 19. Jun
Fr, 20. Jun	MESZ	00:05*–02:22*	2h 17m	AN ₊ bis M ₇		02:01	15:44	03:06	1h 09m	04:15	49m	05:05	40m	05:46	15h 39m	21:26	40m	22:06	49m	22:56	1h 09m	00:05*	8h 20m	3h 01m				Fr, 20. Jun
Sa, 21. Jun	MESZ	00:05*–02:49*	2h 43m	AN ₊ bis M ₇		02:22	17:06	03:06	1h 09m	04:16	49m	05:06	40m	05:46	15h 39m	21:26	40m	22:06	49m	22:56	1h 09m	00:05*	8h 20m	3h 01m				Sa, 21. Jun
So, 22. Jun	MESZ	00:06*–03:07*	3h 01m	AN ₊ bis AN _\		02:49	18:30	03:07	1h 09m	04:16	49m	05:06	40m	05:46	15h 39m	21:26	40m	22:06	49m	22:56	1h 09m	00:06*	8h 20m	3h 01m				So, 22. Jun
Mo, 23. Jun	MESZ	00:06*–03:07*	3h 01m	AN ₊ bis AN _\		03:23	19:53	03:07	1h 09m	04:16	49m	05:06	40m	05:46	15h 39m	21:26	40m	22:07	49m	22:56	1h 09m	00:06*	8h 20m	3h 01m				Mo, 23. Jun
Di, 24. Jun	MESZ	00:05*–03:08*	3h 02m	AN ₊ bis AN _\		04:08	21:09	03:07	1h 09m	04:17	49m	05:06	40m	05:47	15h 39m	21:26	40m	22:07	49m	22:56	1h 08m	00:05*	8h 20m	3h 02m				Di, 24. Jun
Mi, 25. Jun	MESZ	00:05*–03:09*	3h 03m	AN ₊ bis AN _\	☾	05:07	22:10	03:08	1h 08m	04:17	49m	05:07	40m	05:47	15h 39m	21:26	40m	22:07	49m	22:56	1h 08m	00:05*	8h 21m	3h 03m				Mi, 25. Jun
Do, 26. Jun	MESZ	00:05*–03:09*	3h 04m	AN ₊ bis AN _\		06:18	22:56	03:09	1h 08m	04:17	49m	05:07	40m	05:48	15h 38m	21:26	40m	22:07	49m	22:56	1h 08m	00:05*	8h 21m	3h 04m				Do, 26. Jun
Fr, 27. Jun	MESZ	00:04*–03:10*	3h 05m	AN ₊ bis AN _\		07:36	23:30	03:09	1h 08m	04:18	49m	05:08	40m	05:48	15h 38m	21:26	40m	22:07	49m	22:56	1h 08m	00:04*	8h 21m	3h 05m				Fr, 27. Jun
Sa, 28. Jun	MESZ	00:04*–03:11*	3h 07m	AN ₊ bis AN _\		08:55	23:56	03:10	1h 08m	04:19	49m	05:08	40m	05:48	15h 37m	21:26	40m	22:06	49m	22:56	1h 07m	00:04*	8h 22m	3h 07m				Sa, 28. Jun
So, 29. Jun	MESZ	00:17*–03:12*	2h 55m	M _\ bis AN _\		10:09	—:—	03:11	1h 07m	04:19	49m	05:09	40m	05:49	15h 37m	21:26	40m	22:06	49m	22:56	1h 07m	00:03*	8h 23m	3h 08m				So, 29. Jun
Mo, 30. Jun	MESZ	00:34*–03:13*	2h 39m	M _\ bis AN _\		11:20	00:17	03:12	1h 07m	04:20	49m	05:09	40m	05:49	15h 36m	21:26	40m	22:06	49m	22:55	1h 07m	00:03*	8h 23m	3h 10m				Mo, 30. Jun
Di, 1. Jul	MESZ	00:50*–03:15*	2h 24m	M _\ bis AN _\		12:27	00:34	03:13	1h 07m	04:21	49m	05:10	40m	05:50	15h 35m	21:26	39m	22:06	49m	22:55	1h 06m	00:02*	8h 24m	3h 12m				Di, 1. Jul
Mi, 2. Jul	MESZ	01:06*–03:16*	2h 10m	M _\ bis AN _\	☾	13:32	00:50	03:15	1h 06m	04:21	49m	05:11	39m	05:51	15h 35m	21:26	39m	22:06	49m	22:55	1h 06m	00:01*	8h 25m	3h 14m				Mi, 2. Jul
Do, 3. Jul	MESZ	01:22*–03:17*	1h 54m	M _\ bis AN _\		14:37	01:06	03:16	1h 06m	04:22	49m	05:11	39m	05:51	15h 34m	21:25	39m	22:05	48m	22:54	1h 06m	00:00*	8h 26m	3h 16m				Do, 3. Jul
Fr, 4. Jul	MESZ	01:41*–03:18*	1h 37m	M _\ bis AN _\		15:42	01:22	03:17	1h 06m	04:23	48m	05:12	39m	05:52	15h 33m	21:25	39m	22:05	48m	22:54	1h 05m	23:59	8h 27m	3h 19m				Fr, 4. Jul
Sa, 5. Jul	MESZ	02:04*–03:20*	1h 16m	M _\ bis AN _\		16:48	01:41	03:18	1h 05m	04:24	48m	05:13	39m	05:52	15h 32m	21:25	39m	22:04	48m	22:53	1h 05m	23:58	8h 28m	3h 21m				Sa, 5. Jul
So, 6. Jul	MESZ	02:32*–03:21*	49m	M _\ bis AN _\		17:55	02:04	03:20	1h 05m	04:25	48m	05:14	39m	05:53	15h 31m	21:24	39m	22:04	48m	22:52	1h 04m	23:57	8h 29m	3h 24m				So, 6. Jul
Mo, 7. Jul	MESZ	03:09*–03:23*	14m	M _\ bis AN _\		19:01	02:32	03:21	1h 04m	04:26	48m	05:14	39m	05:54	15h 30m	21:24	39m	22:03	48m	22:52	1h 03m	23:56	8h 30m	3h 27m				Mo, 7. Jul
Di, 8. Jul	MESZ	—:~:~:~	–	Mond stört		20:03	03:09	03:23	1h 03m	04:27	48m	05:15	39m	05:55	15h 28m	21:24	39m	22:03	47m	22:51	1h 03m	23:54	8h 31m	3h 30m				Di, 8. Jul
Mi, 9. Jul	MESZ	—:~:~:~	–	Mond stört		20:58	03:56	03:25	1h 03m	04:28	47m	05:16	39m	05:55	15h 27m	21:23	39m	22:02	47m	22:50	1h 02m	23:53	8h 33m	3h 33m				Mi, 9. Jul
Do, 10. Jul	MESZ	—:~:~:~	–	Mond stört	☾	21:42	04:54	03:26	1h 02m	04:29	47m	05:17	39m	05:56	15h 26m	21:22	39m	22:02	47m	22:49	1h 02m	23:51	8h 34m	3h 36m				Do, 10. Jul
Fr, 11. Jul	MESZ	—:~:~:~	–	Mond stört		22:18	06:02	03:28	1h 02m	04:30	47m	05:18	39m</															

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025			
			Δt		Ph.	\nearrow	\searrow	Astr.	Δt	Naut.	Δt	Bürg.	Δt	\nearrow	Δt	\searrow	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt			
So, 20. Jul	MESZ	23:34 – 01:59*	2h 24m	AN ₊ bis M ₇		01:20	17:35	03:45	56m	04:42	45m	05:27	37m	06:05	15h 09m	21:15	37m	21:53	45m	22:38	56m	23:34	8h 51m	4h 12m					So, 20. Jul
Mo, 21. Jul	MESZ	23:32 – 02:51*	3h 18m	AN ₊ bis M ₇		01:59	18:52	03:47	56m	04:43	45m	05:29	37m	06:06	15h 07m	21:14	37m	21:52	44m	22:37	55m	23:32	8h 53m	4h 16m					Mo, 21. Jul
Di, 22. Jul	MESZ	23:31 – 03:51*	4h 20m	AN ₊ bis AN ₋		02:51	19:57	03:49	55m	04:45	44m	05:30	37m	06:07	15h 05m	21:13	37m	21:51	44m	22:35	55m	23:31	8h 55m	4h 20m					Di, 22. Jul
Mi, 23. Jul	MESZ	23:29 – 03:53*	4h 24m	AN ₊ bis AN ₋		03:57	20:49	03:51	55m	04:46	44m	05:31	37m	06:09	15h 03m	21:12	37m	21:49	44m	22:34	54m	23:29	8h 57m	4h 24m					Mi, 23. Jul
Do, 24. Jul	MESZ	23:27 – 03:55*	4h 28m	AN ₊ bis AN ₋	●	05:12	21:27	03:53	54m	04:48	44m	05:32	37m	06:10	15h 01m	21:11	37m	21:48	44m	22:32	54m	23:27	8h 59m	4h 28m					Do, 24. Jul
Fr, 25. Jul	MESZ	23:24 – 03:57*	4h 32m	AN ₊ bis AN ₋		06:31	21:56	03:55	54m	04:49	44m	05:33	37m	06:11	14h 59m	21:10	37m	21:47	43m	22:31	53m	23:24	9h 01m	4h 32m					Fr, 25. Jul
Sa, 26. Jul	MESZ	23:22 – 03:59*	4h 36m	AN ₊ bis AN ₋		07:48	22:19	03:57	53m	04:51	43m	05:35	37m	06:12	14h 57m	21:09	36m	21:46	43m	22:29	52m	23:22	9h 03m	4h 36m					Sa, 26. Jul
So, 27. Jul	MESZ	23:20 – 04:01*	4h 41m	AN ₊ bis AN ₋		09:01	22:38	03:59	52m	04:52	43m	05:36	36m	06:13	14h 54m	21:08	36m	21:45	43m	22:28	52m	23:20	9h 06m	4h 41m					So, 27. Jul
Mo, 28. Jul	MESZ	23:18 – 04:03*	4h 45m	AN ₊ bis AN ₋		10:10	22:54	04:01	52m	04:54	43m	05:37	36m	06:14	14h 52m	21:07	36m	21:43	43m	22:26	51m	23:18	9h 08m	4h 45m					Mo, 28. Jul
Di, 29. Jul	MESZ	23:16 – 04:05*	4h 49m	AN ₊ bis AN ₋		11:17	23:10	04:03	51m	04:55	43m	05:38	36m	06:15	14h 50m	21:05	36m	21:42	42m	22:25	51m	23:16	9h 10m	4h 49m					Di, 29. Jul
Mi, 30. Jul	MESZ	23:26 – 04:08*	4h 41m	M _\ bis AN ₋		12:23	23:26	04:05	51m	04:57	42m	05:40	36m	06:16	14h 47m	21:04	36m	21:41	42m	22:23	50m	23:14	9h 13m	4h 53m					Mi, 30. Jul
Do, 31. Jul	MESZ	23:44 – 04:10*	4h 25m	M _\ bis AN ₋		13:28	23:44	04:08	50m	04:58	42m	05:41	36m	06:17	14h 45m	21:03	36m	21:39	42m	22:22	50m	23:12	9h 15m	4h 57m					Do, 31. Jul
Fr, 1. Aug	MESZ	00:05* – 04:12*	4h 06m	M _\ bis AN ₋	☾	14:34	—:—	04:10	50m	05:00	42m	05:42	36m	06:19	14h 43m	21:02	36m	21:38	42m	22:20	49m	23:10	9h 18m	5h 02m					Fr, 1. Aug
Sa, 2. Aug	MESZ	00:31* – 04:14*	3h 42m	M _\ bis AN ₋		15:41	00:05	04:12	49m	05:01	42m	05:44	36m	06:20	14h 40m	21:00	35m	21:36	41m	22:18	49m	23:07	9h 20m	5h 06m					Sa, 2. Aug
So, 3. Aug	MESZ	01:04* – 04:16*	3h 11m	M _\ bis AN ₋		16:48	00:31	04:14	49m	05:03	41m	05:45	35m	06:21	14h 38m	20:59	35m	21:35	41m	22:16	48m	23:05	9h 22m	5h 10m					So, 3. Aug
Mo, 4. Aug	MESZ	01:46* – 04:18*	2h 31m	M _\ bis AN ₋		17:52	01:04	04:16	48m	05:05	41m	05:46	35m	06:22	14h 35m	20:58	35m	21:33	41m	22:15	48m	23:03	9h 25m	5h 14m					Mo, 4. Aug
Di, 5. Aug	MESZ	02:40* – 04:20*	1h 39m	M _\ bis AN ₋		18:49	01:46	04:18	48m	05:06	41m	05:48	35m	06:23	14h 33m	20:56	35m	21:32	41m	22:13	47m	23:01	9h 28m	5h 18m					Di, 5. Aug
Mi, 6. Aug	MESZ	03:45* – 04:22*	37m	M _\ bis AN ₋		19:38	02:40	04:20	47m	05:08	41m	05:49	35m	06:24	14h 30m	20:55	35m	21:30	40m	22:11	47m	22:59	9h 30m	5h 23m					Mi, 6. Aug
Do, 7. Aug	MESZ	—:—:—:—	–	Mond stört		20:17	03:45	04:22	47m	05:09	40m	05:50	35m	06:26	14h 27m	20:53	35m	21:29	40m	22:09	47m	22:56	9h 33m	5h 27m					Do, 7. Aug
Fr, 8. Aug	MESZ	—:—:—:—	–	Mond stört		20:48	04:57	04:24	47m	05:11	40m	05:52	35m	06:27	14h 25m	20:52	35m	21:27	40m	22:07	46m	22:54	9h 35m	5h 31m					Fr, 8. Aug
Sa, 9. Aug	MESZ	—:—:—:—	–	Mond stört	○	21:13	06:13	04:26	46m	05:12	40m	05:53	35m	06:28	14h 22m	20:51	34m	21:25	40m	22:06	46m	22:52	9h 38m	5h 36m					Sa, 9. Aug
So, 10. Aug	MESZ	—:~:~:~:~	–	Mond stört		21:34	07:30	04:28	46m	05:14	40m	05:54	34m	06:29	14h 19m	20:49	34m	21:24	39m	22:04	45m	22:50	9h 41m	5h 40m					So, 10. Aug
Mo, 11. Aug	MESZ	—:~:~:~:~	–	Mond stört		21:53	08:47	04:30	45m	05:16	39m	05:55	34m	06:30	14h 17m	20:48	34m	21:22	39m	22:02	45m	22:47	9h 43m	5h 44m					Mo, 11. Aug
Di, 12. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:12	10:04	04:32	45m	05:17	39m	05:57	34m	06:31	14h 14m	20:46	34m	21:20	39m	22:00	44m	22:45	9h 46m	5h 48m					Di, 12. Aug
Mi, 13. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:32	11:21	04:34	44m	05:19	39m	05:58	34m	06:33	14h 11m	20:44	34m	21:19	39m	21:58	44m	22:43	9h 49m	5h 52m					Mi, 13. Aug
Do, 14. Aug	MESZ	22:40 – 22:54	13m	AN ₊ bis M ₇		22:54	12:40	04:36	44m	05:20	39m	05:59	34m	06:34	14h 08m	20:43	34m	21:17	39m	21:56	44m	22:40	9h 52m	5h 57m					Do, 14. Aug
Fr, 15. Aug	MESZ	22:38 – 23:22	43m	AN ₊ bis M ₇		23:22	14:01	04:38	44m	05:22	39m	06:01	34m	06:35	14h 06m	20:41	34m	21:15	38m	21:54	43m	22:38	9h 55m	6h 01m					Fr, 15. Aug
Sa, 16. Aug	MESZ	22:36 – 23:57	1h 21m	AN ₊ bis M ₇	☾	23:57	15:23	04:39	43m	05:23	38m	06:02	34m	06:36	14h 03m	20:40	33m	21:14	38m	21:52	43m	22:36	9h 57m	6h 05m					Sa, 16. Aug
So, 17. Aug	MESZ	22:33 – 00:44*	2h 10m	AN ₊ bis M ₇		—:—	16:41	04:41	43m	05:25	38m	06:03	34m	06:37	14h 00m	20:38	33m	21:12	38m	21:50	43m	22:33	10h 00m	6h 09m					So, 17. Aug
Mo, 18. Aug	MESZ	22:31 – 01:44*	3h 12m	AN ₊ bis M ₇		00:44	17:49	04:43	43m	05:26	38m	06:05	33m	06:39	13h 57m	20:36	33m	21:10	38m	21:48	42m	22:31	10h 03m	6h 13m					Mo, 18. Aug
Di, 19. Aug	MESZ	22:29 – 02:55*	4h 25m	AN ₊ bis M ₇		01:44	18:44	04:45	42m	05:28	38m	06:06	33m	06:40	13h 54m	20:35	33m	21:08	38m	21:46	42m	22:29	10h 06m	6h 18m					Di, 19. Aug
Mi, 20. Aug	MESZ	22:26 – 04:11*	5h 44m	AN ₊ bis M ₇		02:55	19:26	04:47	42m	05:29	38m	06:07	33m	06:41	13h 51m	20:33	33m	21:06	37m	21:44	42m	22:26	10h 09m	6h 22m					Mi, 20. Aug
Do, 21. Aug	MESZ	22:24 – 04:51*	6h 26m	AN ₊ bis AN ₋		04:11	19:58	04:49	42m	05:31	37m	06:09	33m	06:42	13h 48m	20:31	33m	21:05	37m	21:42	41m	22:24	10h 12m	6h 26m					Do, 21. Aug
Fr, 22. Aug	MESZ	22:22 – 04:52*	6h 30m	AN ₊ bis AN ₋		05:28	20:22	04:51	41m	05:32	37m	06:10	33m	06:44	13h 45m	20:30	33m	21:03	37m	21:40	41m	22:22	10h 15m	6h 30m					Fr, 22. Aug
Sa, 23. Aug	MESZ	22:20 – 04:54*	6h 34m	AN ₊ bis AN ₋	●	06:42	20:42	04:52	41m	05:34	37m	06:11	33m	06:45	13h 43m	20:28	33m	21:01	37m	21:38	41m	22:20	10h 18m	6h 34m					Sa, 23. Aug
So, 24. Aug	MESZ	22:17 – 04:56*	6h 38m	AN ₊ bis AN ₋		07:53	20:59	04:54	41m	05:35	37m	06:13	33m	06:46	13h 40m	20:26	33m	20:59	37m	21:36	40m	22:17	10h 21m	6h 38m					So, 24. Aug
Mo, 25. Aug	MESZ	22:15 – 04:58*	6h 42m	AN ₊ bis AN ₋		09:01	21:15	04:56	40m	05:37	37m	06:14	33m	06:47	13h 37m	20:24	32m	20:57	36m	21:34	40m	22:15	10h 24m	6h 42m					Mo, 25. Aug
Di, 26. Aug	MESZ	22:13 – 04:59*	6h 46m	AN ₊ bis AN ₋		10:08	21:31	04:58	40m	05:38	37m	06:15	33m	06:48	13h 34m	20:23	32m	20:55	36m	21:32	40m	22:13	10h 27m	6h 46m					Di, 26. Aug
Mi, 27. Aug	MESZ	22:10 – 05:01*	6h 50m	AN ₊ bis AN ₋		11:14	21:48	04:59	40m	05:40	36m	06:17	32m	06:50	13h 31m	20:21	32m	20:54	36m	21:30	40m	22:10	10h 30m	6h 50m					Mi, 27. Aug
Do, 28. Aug	MESZ	22:08 – 05:03*	6h 54m	AN ₊ bis AN ₋		12:20	22:08	05:01	40m	05:41	36m	06:18	32m	06:51	13h 28m	20:19	32m	20:52	36m	21:28	39m	22:08	10h 33m	6h 54m					Do, 28. Aug
Fr, 29. Aug	MESZ	22:31 – 05:05*	6h 33m	M _\ bis AN ₋		13:27	22:31	05:03	39m	05:43	36m	06:19	32m	06:52	13h 25m	20:17	32m	20:50	36m	21:26	39m	22:06	10h 36m	6h 58m					Fr, 29. Aug
Sa, 30. Aug	MESZ	23:01 – 05:06*	6h 05m	M _\																									

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025			
			Δt		Ph.	\nearrow	\searrow	Astr.	Δt	Naut.	Δt	Bürg.	Δt	\nearrow	Δt	\searrow	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt			
Mo, 8. Sep	MESZ	—:—:—:—	—	Mond stört		20:16	07:43	05:19	37m	05:57	35m	06:32	31m	07:04	12h 54m	19:59	31m	20:30	35m	21:05	37m	21:43	11h 06m	7h 37m					Mo, 8. Sep
Di, 9. Sep	MESZ	—:—:—:—	—	Mond stört		20:36	09:03	05:21	37m	05:58	35m	06:33	31m	07:05	12h 51m	19:57	31m	20:28	34m	21:03	37m	21:41	11h 09m	7h 41m					Di, 9. Sep
Mi, 10. Sep	MESZ	—:—:~:~:~	—	Mond stört		20:58	10:23	05:22	37m	06:00	34m	06:35	31m	07:06	12h 48m	19:55	31m	20:26	34m	21:01	37m	21:38	11h 12m	7h 45m					Mi, 10. Sep
Do, 11. Sep	MESZ	—:~:~:~:~	—	Mond stört		21:24	11:46	05:24	37m	06:01	34m	06:36	31m	07:08	12h 45m	19:53	31m	20:25	34m	20:59	36m	21:36	11h 16m	7h 49m					Do, 11. Sep
Fr, 12. Sep	MESZ	21:34–21:58	23m	AN ₊ bis M ₇		21:58	13:10	05:25	36m	06:02	34m	06:37	31m	07:09	12h 42m	19:51	31m	20:23	34m	20:57	36m	21:34	11h 19m	7h 52m					Fr, 12. Sep
Sa, 13. Sep	MESZ	21:32–22:41	1h 09m	AN ₊ bis M ₇		22:41	14:31	05:27	36m	06:04	34m	06:38	31m	07:10	12h 38m	19:49	31m	20:21	34m	20:55	36m	21:32	11h 22m	7h 56m					Sa, 13. Sep
So, 14. Sep	MESZ	21:30–23:37	2h 07m	AN ₊ bis M ₇	☾	23:37	15:43	05:28	36m	06:05	34m	06:40	31m	07:11	12h 35m	19:47	31m	20:19	34m	20:53	36m	21:30	11h 25m	8h 00m					So, 14. Sep
Mo, 15. Sep	MESZ	21:27–00:44*	3h 16m	AN ₊ bis M ₇		—:—	16:42	05:30	36m	06:06	34m	06:41	31m	07:12	12h 32m	19:45	31m	20:17	34m	20:51	36m	21:27	11h 28m	8h 04m					Mo, 15. Sep
Di, 16. Sep	MESZ	21:25–01:58*	4h 33m	AN ₊ bis M ₇		00:44	17:27	05:31	36m	06:08	34m	06:42	31m	07:14	12h 29m	19:43	31m	20:15	34m	20:49	36m	21:25	11h 31m	8h 07m					Di, 16. Sep
Mi, 17. Sep	MESZ	21:23–03:14*	5h 51m	AN ₊ bis M ₇		01:58	18:01	05:33	36m	06:09	34m	06:43	31m	07:15	12h 26m	19:41	31m	20:13	34m	20:47	36m	21:23	11h 34m	8h 11m					Mi, 17. Sep
Do, 18. Sep	MESZ	21:21–04:28*	7h 07m	AN ₊ bis M ₇		03:14	18:27	05:34	36m	06:10	34m	06:45	31m	07:16	12h 23m	19:39	31m	20:11	34m	20:45	35m	21:21	11h 37m	8h 14m					Do, 18. Sep
Fr, 19. Sep	MESZ	21:19–05:37*	8h 18m	AN ₊ bis AN ₋		04:28	18:47	05:36	35m	06:12	34m	06:46	31m	07:17	12h 20m	19:37	31m	20:09	34m	20:43	35m	21:19	11h 41m	8h 18m					Fr, 19. Sep
Sa, 20. Sep	MESZ	21:17–05:39*	8h 22m	AN ₊ bis AN ₋		05:39	19:05	05:37	35m	06:13	34m	06:47	31m	07:19	12h 17m	19:36	31m	20:07	34m	20:41	35m	21:17	11h 44m	8h 22m					Sa, 20. Sep
So, 21. Sep	MESZ	21:14–05:40*	8h 25m	AN ₊ bis AN ₋	☀	06:48	19:21	05:39	35m	06:14	34m	06:48	31m	07:20	12h 13m	19:34	31m	20:05	33m	20:39	35m	21:14	11h 47m	8h 25m					So, 21. Sep
Mo, 22. Sep	MESZ	21:12–05:41*	8h 29m	AN ₊ bis AN ₋		07:54	19:37	05:40	35m	06:16	34m	06:50	31m	07:21	12h 10m	19:32	31m	20:03	33m	20:37	35m	21:12	11h 50m	8h 29m					Mo, 22. Sep
Di, 23. Sep	MESZ	21:10–05:43*	8h 32m	AN ₊ bis AN ₋		09:00	19:54	05:41	35m	06:17	33m	06:51	31m	07:22	12h 07m	19:30	31m	20:01	33m	20:35	35m	21:10	11h 53m	8h 32m					Di, 23. Sep
Mi, 24. Sep	MESZ	21:08–05:44*	8h 36m	AN ₊ bis AN ₋		10:06	20:12	05:43	35m	06:18	33m	06:52	31m	07:23	12h 04m	19:28	31m	19:59	33m	20:33	35m	21:08	11h 56m	8h 36m					Mi, 24. Sep
Do, 25. Sep	MESZ	21:06–05:46*	8h 39m	AN ₊ bis AN ₋		11:13	20:34	05:44	35m	06:20	33m	06:53	31m	07:25	12h 01m	19:26	31m	19:57	33m	20:31	35m	21:06	11h 59m	8h 39m					Do, 25. Sep
Fr, 26. Sep	MESZ	21:04–05:47*	8h 42m	AN ₊ bis AN ₋		12:20	21:01	05:46	35m	06:21	33m	06:55	31m	07:26	11h 58m	19:24	31m	19:55	33m	20:29	35m	21:04	12h 03m	8h 42m					Fr, 26. Sep
Sa, 27. Sep	MESZ	21:35–05:48*	8h 13m	M _\ bis AN ₋		13:25	21:35	05:47	35m	06:22	33m	06:56	31m	07:27	11h 55m	19:22	31m	19:53	33m	20:27	34m	21:02	12h 06m	8h 46m					Sa, 27. Sep
So, 28. Sep	MESZ	22:18–05:50*	7h 31m	M _\ bis AN ₋		14:27	22:18	05:48	35m	06:23	33m	06:57	31m	07:28	11h 51m	19:20	31m	19:51	33m	20:25	34m	21:00	12h 09m	8h 49m					So, 28. Sep
Mo, 29. Sep	MESZ	23:12–05:51*	6h 38m	M _\ bis AN ₋		15:21	23:12	05:50	34m	06:25	33m	06:58	31m	07:30	11h 48m	19:18	31m	19:50	33m	20:23	34m	20:58	12h 12m	8h 53m					Mo, 29. Sep
Di, 30. Sep	MESZ	00:16*–05:52*	5h 36m	M _\ bis AN ₋	☾	16:07	—:—	05:51	34m	06:26	33m	07:00	31m	07:31	11h 45m	19:16	31m	19:48	33m	20:21	34m	20:56	12h 15m	8h 56m					Di, 30. Sep
Mi, 1. Okt	MESZ	01:26*–05:54*	4h 27m	M _\ bis AN ₋		16:44	00:16	05:52	34m	06:27	33m	07:01	31m	07:32	11h 42m	19:15	31m	19:46	33m	20:19	34m	20:54	12h 18m	8h 59m					Mi, 1. Okt
Do, 2. Okt	MESZ	02:41*–05:55*	3h 13m	M _\ bis AN ₋		17:13	01:26	05:54	34m	06:28	33m	07:02	31m	07:33	11h 39m	19:13	31m	19:44	33m	20:17	34m	20:52	12h 21m	9h 03m					Do, 2. Okt
Fr, 3. Okt	MESZ	03:58*–05:56*	1h 58m	M _\ bis AN ₋		17:38	02:41	05:55	34m	06:30	33m	07:03	31m	07:35	11h 36m	19:11	31m	19:42	33m	20:16	34m	20:50	12h 25m	9h 06m					Fr, 3. Okt
Sa, 4. Okt	MESZ	05:16*–05:58*	42m	M _\ bis AN ₋		17:59	03:58	05:56	34m	06:31	33m	07:05	31m	07:36	11h 33m	19:09	31m	19:40	33m	20:14	34m	20:48	12h 28m	9h 09m					Sa, 4. Okt
So, 5. Okt	MESZ	—:~:~:~:~	—	Mond stört		18:19	05:16	05:58	34m	06:32	33m	07:06	31m	07:37	11h 29m	19:07	31m	19:38	33m	20:12	34m	20:46	12h 31m	9h 12m					So, 5. Okt
Mo, 6. Okt	MESZ	—:~:~:~:~	—	Mond stört		18:38	06:35	05:59	34m	06:33	33m	07:07	31m	07:38	11h 26m	19:05	31m	19:37	33m	20:10	34m	20:44	12h 34m	9h 15m					Mo, 6. Okt
Di, 7. Okt	MESZ	—:~:~:~:~	—	Mond stört	☉	19:00	07:56	06:00	34m	06:35	33m	07:08	31m	07:40	11h 23m	19:03	31m	19:35	33m	20:08	34m	20:42	12h 37m	9h 19m					Di, 7. Okt
Mi, 8. Okt	MESZ	—:~:~:~:~	—	Mond stört		19:24	09:20	06:02	34m	06:36	33m	07:10	31m	07:41	11h 20m	19:02	31m	19:33	33m	20:06	34m	20:41	12h 40m	9h 22m					Mi, 8. Okt
Do, 9. Okt	MESZ	—:~:~:~:~	—	Mond stört		19:56	10:47	06:03	34m	06:37	33m	07:11	31m	07:42	11h 17m	19:00	31m	19:31	33m	20:05	34m	20:39	12h 43m	9h 25m					Do, 9. Okt
Fr, 10. Okt	MESZ	—:~:~:~:~	—	Mond stört		20:37	12:13	06:04	34m	06:39	33m	07:12	31m	07:43	11h 14m	18:58	31m	19:29	33m	20:03	34m	20:37	12h 46m	9h 28m					Fr, 10. Okt
Sa, 11. Okt	MESZ	20:35–21:30	54m	AN ₊ bis M ₇		21:30	13:31	06:05	34m	06:40	33m	07:13	31m	07:45	11h 11m	18:56	31m	19:28	33m	20:01	34m	20:35	12h 49m	9h 31m					Sa, 11. Okt
So, 12. Okt	MESZ	20:33–22:35	2h 01m	AN ₊ bis M ₇		22:35	14:36	06:07	34m	06:41	33m	07:15	31m	07:46	11h 08m	18:54	31m	19:26	33m	19:59	34m	20:33	12h 53m	9h 34m					So, 12. Okt
Mo, 13. Okt	MESZ	20:32–23:49	3h 16m	AN ₊ bis M ₇	☾	23:49	15:27	06:08	34m	06:42	33m	07:16	31m	07:47	11h 05m	18:53	31m	19:24	33m	19:57	34m	20:32	12h 56m	9h 37m					Mo, 13. Okt
Di, 14. Okt	MESZ	20:30–01:04*	4h 34m	AN ₊ bis M ₇		—:—	16:04	06:09	34m	06:44	33m	07:17	31m	07:49	11h 02m	18:51	31m	19:22	33m	19:56	34m	20:30	12h 59m	9h 40m					Di, 14. Okt
Mi, 15. Okt	MESZ	20:28–02:19*	5h 50m	AN ₊ bis M ₇		01:04	16:32	06:11	34m	06:45	33m	07:18	31m	07:50	10h 59m	18:49	31m	19:21	33m	19:54	34m	20:28	13h 02m	9h 43m					Mi, 15. Okt
Do, 16. Okt	MESZ	20:27–03:30*	7h 03m	AN ₊ bis M ₇		02:19	16:54	06:12	34m	06:46	33m	07:20	31m	07:51	10h 56m	18:47	31m	19:19	33m	19:52	34m	20:27	13h 05m	9h 46m					Do, 16. Okt
Fr, 17. Okt	MESZ	20:25–04:38*	8h 13m	AN ₊ bis M ₇		03:30	17:12	06:13	34m	06:47	33m	07:21	31m	07:53	10h 52m	18:46	31m	19:17	33m	19:51	34m	20:25	13h 08m	9h 49m					Fr, 17. Okt
Sa, 18. Okt	MESZ	20:23–05:44*	9h 21m	AN ₊ bis M ₇		04:38	17:28	06:14	34m	06:49	33m	07:22	31m	07:54	10h 49m	18:44	31m	19:16	33m	19:49	34m	20:23	13h 11m	9h 52m					Sa, 18. Okt
So, 19. Okt	MESZ	20:22–06:17*	9h 55m	AN ₊ bis AN ₋		05:44	17:44	06:16	34m																				

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
		Δt			Ph.	\nearrow	\searrow	Astr.	Δt	Naut.	Δt	Bürg.	Δt	\nearrow	Δt	\searrow	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
Di, 28. Okt		22:10–05:28*	7h 17m	M _\ bis AN _\		13:41	22:10	05:27	34m	06:01	33m	06:35	32m	07:07	10h 20m	17:28	32m	18:00	33m	18:34	34m	19:08	13h 41m	10h 19m				Di, 28. Okt
Mi, 29. Okt		23:21–05:29*	6h 07m	M _\ bis AN _\	☾	14:13	23:21	05:28	34m	06:02	34m	06:36	32m	07:09	10h 17m	17:26	32m	17:59	33m	18:33	34m	19:07	13h 43m	10h 22m				Mi, 29. Okt
Do, 30. Okt		00:35*–05:31*	4h 55m	M _\ bis AN _\		14:38	—:—	05:29	34m	06:04	34m	06:38	32m	07:10	10h 14m	17:25	32m	17:57	34m	18:31	34m	19:05	13h 46m	10h 25m				Do, 30. Okt
Fr, 31. Okt		01:49*–05:32*	3h 42m	M _\ bis AN _\		15:00	00:35	05:31	34m	06:05	34m	06:39	32m	07:12	10h 11m	17:23	32m	17:56	34m	18:30	34m	19:04	13h 49m	10h 27m				Fr, 31. Okt
Sa, 1. Nov		03:06*–05:33*	2h 27m	M _\ bis AN _\		15:20	01:49	05:32	34m	06:06	34m	06:40	32m	07:13	10h 08m	17:22	32m	17:55	34m	18:29	34m	19:03	13h 52m	10h 30m				Sa, 1. Nov
So, 2. Nov		04:24*–05:34*	1h 10m	M _\ bis AN _\		15:39	03:06	05:33	34m	06:07	34m	06:42	32m	07:14	10h 06m	17:20	32m	17:53	34m	18:27	34m	19:02	13h 55m	10h 32m				So, 2. Nov
Mo, 3. Nov		—:—:—:—	–	Mond stört		15:59	04:24	05:34	34m	06:09	34m	06:43	32m	07:16	10h 03m	17:19	32m	17:52	34m	18:26	34m	19:00	13h 58m	10h 35m				Mo, 3. Nov
Di, 4. Nov		—:—:—:—	–	Mond stört		16:22	05:46	05:35	34m	06:10	34m	06:44	32m	07:17	10h 00m	17:18	32m	17:51	34m	18:25	34m	18:59	14h 00m	10h 37m				Di, 4. Nov
Mi, 5. Nov		—:—:—:—	–	Mond stört	☉	16:51	07:13	05:37	34m	06:11	34m	06:45	33m	07:18	9h 57m	17:16	33m	17:49	34m	18:24	34m	18:58	14h 03m	10h 39m				Mi, 5. Nov
Do, 6. Nov		—:~:~:~:~	–	Mond stört		17:27	08:41	05:38	34m	06:12	34m	06:47	33m	07:20	9h 55m	17:15	33m	17:48	34m	18:23	34m	18:57	14h 06m	10h 42m				Do, 6. Nov
Fr, 7. Nov		—:~:~:~:~	–	Mond stört		18:16	10:06	05:39	34m	06:14	34m	06:48	33m	07:21	9h 52m	17:14	33m	17:47	34m	18:21	34m	18:56	14h 08m	10h 44m				Fr, 7. Nov
Sa, 8. Nov		18:55–19:19	24m	AN ₊ bis M ₇		19:19	11:21	05:40	34m	06:15	34m	06:49	33m	07:23	9h 49m	17:13	33m	17:46	34m	18:20	34m	18:55	14h 11m	10h 46m				Sa, 8. Nov
So, 9. Nov		18:54–20:33	1h 39m	AN ₊ bis M ₇		20:33	12:19	05:41	34m	06:16	34m	06:51	33m	07:24	9h 47m	17:11	33m	17:45	34m	18:19	34m	18:54	14h 14m	10h 48m				So, 9. Nov
Mo, 10. Nov		18:53–21:51	2h 58m	AN ₊ bis M ₇		21:51	13:03	05:43	34m	06:17	34m	06:52	33m	07:25	9h 44m	17:10	33m	17:44	34m	18:18	34m	18:53	14h 16m	10h 51m				Mo, 10. Nov
Di, 11. Nov		18:52–23:08	4h 16m	AN ₊ bis M ₇		23:08	13:34	05:44	34m	06:18	34m	06:53	33m	07:27	9h 42m	17:09	33m	17:43	34m	18:17	34m	18:52	14h 19m	10h 53m				Di, 11. Nov
Mi, 12. Nov		18:51–00:21*	5h 30m	AN ₊ bis M ₇	☾	—:—	13:59	05:45	34m	06:20	34m	06:55	33m	07:28	9h 39m	17:08	33m	17:41	34m	18:16	34m	18:51	14h 21m	10h 55m				Mi, 12. Nov
Do, 13. Nov		18:50–01:30*	6h 40m	AN ₊ bis M ₇		00:21	14:18	05:46	34m	06:21	34m	06:56	33m	07:30	9h 37m	17:07	33m	17:40	34m	18:15	34m	18:50	14h 24m	10h 57m				Do, 13. Nov
Fr, 14. Nov		18:49–02:37*	7h 47m	AN ₊ bis M ₇		01:30	14:35	05:47	34m	06:22	34m	06:57	33m	07:31	9h 34m	17:06	33m	17:40	34m	18:14	34m	18:49	14h 26m	10h 59m				Fr, 14. Nov
Sa, 15. Nov		18:48–03:42*	8h 53m	AN ₊ bis M ₇		02:37	14:51	05:49	34m	06:23	35m	06:58	33m	07:32	9h 32m	17:05	33m	17:39	35m	18:14	34m	18:48	14h 28m	11h 01m				Sa, 15. Nov
So, 16. Nov		18:48–04:47*	9h 59m	AN ₊ bis M ₇		03:42	15:07	05:50	34m	06:25	35m	07:00	34m	07:34	9h 30m	17:04	34m	17:38	35m	18:13	34m	18:48	14h 31m	11h 03m				So, 16. Nov
Mo, 17. Nov		18:47–05:52*	11h 05m	AN ₊ bis AN _\		04:47	15:24	05:51	34m	06:26	35m	07:01	34m	07:35	9h 27m	17:03	34m	17:37	35m	18:12	34m	18:47	14h 33m	11h 05m				Mo, 17. Nov
Di, 18. Nov		18:46–05:53*	11h 06m	AN ₊ bis AN _\		05:53	15:44	05:52	34m	06:27	35m	07:02	34m	07:36	9h 25m	17:02	34m	17:36	35m	18:11	34m	18:46	14h 35m	11h 06m				Di, 18. Nov
Mi, 19. Nov		18:45–05:54*	11h 08m	AN ₊ bis AN _\		06:59	16:08	05:53	34m	06:28	35m	07:03	34m	07:38	9h 23m	17:01	34m	17:35	35m	18:11	34m	18:45	14h 38m	11h 08m				Mi, 19. Nov
Do, 20. Nov		18:45–05:55*	11h 10m	AN ₊ bis AN _\	☀	08:05	16:37	05:54	35m	06:29	35m	07:05	34m	07:39	9h 21m	17:00	34m	17:34	35m	18:10	35m	18:45	14h 40m	11h 10m				Do, 20. Nov
Fr, 21. Nov		18:44–05:56*	11h 12m	AN ₊ bis AN _\		09:09	17:14	05:55	35m	06:30	35m	07:06	34m	07:40	9h 18m	16:59	34m	17:34	35m	18:09	35m	18:44	14h 42m	11h 12m				Fr, 21. Nov
Sa, 22. Nov		18:44–05:58*	11h 13m	AN ₊ bis AN _\		10:08	18:01	05:56	35m	06:32	35m	07:07	34m	07:42	9h 16m	16:59	34m	17:33	35m	18:09	35m	18:44	14h 44m	11h 13m				Sa, 22. Nov
So, 23. Nov		18:57–05:59*	11h 01m	M _\ bis AN _\		10:59	18:57	05:58	35m	06:33	35m	07:08	34m	07:43	9h 14m	16:58	34m	17:32	35m	18:08	35m	18:43	14h 46m	11h 15m				So, 23. Nov
Mo, 24. Nov		20:01–06:00*	9h 58m	M _\ bis AN _\		11:40	20:01	05:59	35m	06:34	35m	07:09	34m	07:44	9h 12m	16:57	34m	17:32	35m	18:07	35m	18:43	14h 48m	11h 17m				Mo, 24. Nov
Di, 25. Nov		21:10–06:01*	8h 50m	M _\ bis AN _\		12:14	21:10	06:00	35m	06:35	35m	07:11	34m	07:46	9h 10m	16:56	34m	17:31	35m	18:07	35m	18:42	14h 50m	11h 18m				Di, 25. Nov
Mi, 26. Nov		22:21–06:02*	7h 40m	M _\ bis AN _\		12:41	22:21	06:01	35m	06:36	35m	07:12	34m	07:47	9h 09m	16:56	34m	17:31	35m	18:07	35m	18:42	14h 52m	11h 20m				Mi, 26. Nov
Do, 27. Nov		23:33–06:03*	6h 30m	M _\ bis AN _\		13:03	23:33	06:02	35m	06:37	35m	07:13	35m	07:48	9h 07m	16:55	35m	17:30	35m	18:06	35m	18:41	14h 53m	11h 21m				Do, 27. Nov
Fr, 28. Nov		00:45*–06:04*	5h 18m	M _\ bis AN _\	☾	13:23	—:—	06:03	35m	06:38	35m	07:14	35m	07:49	9h 05m	16:55	35m	17:30	35m	18:06	35m	18:41	14h 55m	11h 22m				Fr, 28. Nov
Sa, 29. Nov		01:59*–06:05*	4h 05m	M _\ bis AN _\		13:41	00:45	06:04	35m	06:39	35m	07:15	35m	07:50	9h 03m	16:54	35m	17:29	35m	18:05	35m	18:41	14h 57m	11h 24m				Sa, 29. Nov
So, 30. Nov		03:17*–06:06*	2h 49m	M _\ bis AN _\		14:00	01:59	06:05	35m	06:40	36m	07:16	35m	07:52	9h 02m	16:54	35m	17:29	36m	18:05	35m	18:41	14h 58m	11h 25m				So, 30. Nov
Mo, 1. Dez		04:38*–06:07*	1h 28m	M _\ bis AN _\		14:21	03:17	06:06	35m	06:41	36m	07:17	35m	07:53	9h 00m	16:53	35m	17:29	36m	18:05	35m	18:40	15h 00m	11h 26m				Mo, 1. Dez
Di, 2. Dez		06:04*–06:08*	3m	M _\ bis AN _\		14:46	04:38	06:07	35m	06:42	36m	07:18	35m	07:54	8h 59m	16:53	35m	17:28	36m	18:05	35m	18:40	15h 01m	11h 27m				Di, 2. Dez
Mi, 3. Dez		—:~:~:~:~	–	Mond stört		15:17	06:04	06:08	35m	06:43	36m	07:19	35m	07:55	8h 57m	16:53	35m	17:28	36m	18:04	35m	18:40	15h 03m	11h 28m				Mi, 3. Dez
Do, 4. Dez		—:~:~:~:~	–	Mond stört		16:00	07:32	06:09	35m	06:44	36m	07:21	35m	07:56	8h 56m	16:52	35m	17:28	36m	18:04	35m	18:40	15h 04m	11h 29m				Do, 4. Dez
Fr, 5. Dez		—:~:~:~:~	–	Mond stört	☉	16:57	08:53	06:10	35m	06:45	36m	07:22	35m	07:57	8h 55m	16:52	35m	17:28	36m	18:04	35m	18:40	15h 05m	11h 30m				Fr, 5. Dez
Sa, 6. Dez		—:~:~:~:~	–	Mond stört		18:08	10:02	06:11	35m	06:46	36m	07:22	35m	07:58	8h 53m	16:52	35m	17:28	36m	18:04	35m	18:40	15h 07m	11h 31m				Sa, 6. Dez
So, 7. Dez		18:40–19:27	47m	AN ₊ bis M ₇		19:27	10:54	06:11	35m	06:47	36m	07:23	35m	07:59	8h 52m	16:52	35m	17:28	36m	18:04	35m	18:40	15h 08m	11h 32m				So, 7. Dez
Mo, 8. Dez		18:40–20:48	2h 08m	AN ₊ bis M ₇		20:48	11:32	06:12	35m	06:48	36m	07:24	35m	08:00	8h 51m	16:52	35m	17:28	36m	18:04	35m	18:40	15h 09m	11h 33m				Mo, 8. Dez
Di, 9. Dez		18:40–22:05	3h 25m	AN ₊ bis M ₇		22:05	12:00	06:13	35m	06:49																		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2025/26	Zeitzone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025/26		
			Δt		Ph.	\nearrow	\searrow	Astr.	Δt	Naut.	Δt	Bürg.	Δt	\nearrow	Δt	\searrow	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
Mi, 17. Dez		18:42–06:20*	11h 37m	AN ₊ bis AN ₋		05:56	14:39	06:19	35m	06:55	36m	07:31	36m	08:08	8h 45m	16:53	36m	17:29	36m	18:06	35m	18:42	15h 15m	11h 37m				Mi, 17. Dez
Do, 18. Dez		18:42–06:20*	11h 38m	AN ₊ bis AN ₋		07:01	15:13	06:20	35m	06:55	36m	07:32	36m	08:08	8h 45m	16:53	36m	17:29	36m	18:06	35m	18:42	15h 15m	11h 38m				Do, 18. Dez
Fr, 19. Dez		18:42–06:21*	11h 38m	AN ₊ bis AN ₋		08:02	15:58	06:20	35m	06:56	36m	07:33	36m	08:09	8h 44m	16:54	36m	17:30	36m	18:07	35m	18:42	15h 15m	11h 38m				Fr, 19. Dez
Sa, 20. Dez		18:43–06:21*	11h 38m	AN ₊ bis AN ₋	●	08:55	16:52	06:21	35m	06:57	36m	07:33	36m	08:09	8h 44m	16:54	36m	17:30	36m	18:07	35m	18:43	15h 15m	11h 38m				Sa, 20. Dez
So, 21. Dez		18:43–06:22*	11h 38m	AN ₊ bis AN ₋		09:40	17:54	06:21	35m	06:57	36m	07:34	36m	08:10	8h 44m	16:55	36m	17:31	36m	18:07	35m	18:43	15h 15m	11h 38m				So, 21. Dez
Mo, 22. Dez		19:02–06:22*	11h 20m	M _\ bis AN ₋		10:16	19:02	06:22	35m	06:58	36m	07:34	36m	08:10	8h 44m	16:55	36m	17:31	36m	18:08	35m	18:44	15h 15m	11h 38m				Mo, 22. Dez
Di, 23. Dez		20:13–06:23*	10h 09m	M _\ bis AN ₋		10:44	20:13	06:22	35m	06:58	36m	07:35	36m	08:11	8h 44m	16:56	36m	17:32	36m	18:09	35m	18:44	15h 15m	11h 38m				Di, 23. Dez
Mi, 24. Dez		21:24–06:23*	8h 59m	M _\ bis AN ₋		11:08	21:24	06:23	35m	06:58	36m	07:35	36m	08:11	8h 45m	16:56	36m	17:32	36m	18:09	35m	18:45	15h 15m	11h 37m				Mi, 24. Dez
Do, 25. Dez		22:35–06:23*	7h 48m	M _\ bis AN ₋		11:28	22:35	06:23	35m	06:59	36m	07:36	36m	08:12	8h 45m	16:57	36m	17:33	36m	18:10	35m	18:46	15h 14m	11h 37m				Do, 25. Dez
Fr, 26. Dez		23:46–06:24*	6h 37m	M _\ bis AN ₋		11:46	23:46	06:23	35m	06:59	36m	07:36	36m	08:12	8h 45m	16:58	36m	17:34	36m	18:10	35m	18:46	15h 14m	11h 37m				Fr, 26. Dez
Sa, 27. Dez		01:00*–06:24*	5h 24m	M _\ bis AN ₋	◐	12:04	—:—	06:24	35m	07:00	36m	07:36	36m	08:12	8h 46m	16:58	36m	17:34	36m	18:11	35m	18:47	15h 14m	11h 37m				Sa, 27. Dez
So, 28. Dez		02:16*–06:24*	4h 07m	M _\ bis AN ₋		12:23	01:00	06:24	35m	07:00	36m	07:36	36m	08:12	8h 46m	16:59	36m	17:35	36m	18:12	35m	18:48	15h 13m	11h 36m				So, 28. Dez
Mo, 29. Dez		03:37*–06:24*	2h 47m	M _\ bis AN ₋		12:45	02:16	06:24	35m	07:00	36m	07:37	36m	08:13	8h 47m	17:00	36m	17:36	36m	18:13	35m	18:48	15h 12m	11h 36m				Mo, 29. Dez
Di, 30. Dez		05:01*–06:25*	1h 23m	M _\ bis AN ₋		13:12	03:37	06:24	35m	07:00	36m	07:37	35m	08:13	8h 47m	17:01	35m	17:37	36m	18:13	35m	18:49	15h 12m	11h 35m				Di, 30. Dez
Mi, 31. Dez		06:24*–06:25*	0m	M _\ bis AN ₋		13:48	05:01	06:25	35m	07:00	36m	07:37	35m	08:13	8h 48m	17:02	35m	17:38	36m	18:14	35m	18:50	15h 11m	11h 34m				Mi, 31. Dez
Do, 1. Jan		—:—:—:—	–	Mond stört		14:36	06:24	06:25	35m	07:01	36m	07:37	35m	08:13	8h 49m	17:02	35m	17:38	36m	18:15	35m	18:51	15h 10m	11h 34m				Do, 1. Jan
Fr, 2. Jan		—:—:—:—	–	Mond stört		15:39	07:39	06:25	35m	07:01	36m	07:37	35m	08:13	8h 50m	17:03	35m	17:39	36m	18:16	35m	18:51	15h 09m	11h 33m				Fr, 2. Jan
Sa, 3. Jan		—:~:~:~:~	–	Mond stört	○	16:56	08:39	06:25	35m	07:01	36m	07:37	35m	08:13	8h 51m	17:04	35m	17:40	36m	18:17	35m	18:52	15h 08m	11h 32m				Sa, 3. Jan
So, 4. Jan		—:~:~:~:~	–	Mond stört		18:18	09:24	06:25	35m	07:01	36m	07:37	35m	08:13	8h 52m	17:05	35m	17:41	36m	18:17	35m	18:53	15h 07m	11h 31m				So, 4. Jan
Mo, 5. Jan		18:54–19:40	45m	AN ₊ bis M ₇		19:40	09:57	06:25	35m	07:01	36m	07:37	35m	08:13	8h 53m	17:06	35m	17:42	36m	18:18	35m	18:54	15h 06m	11h 31m				Mo, 5. Jan
Di, 6. Jan		18:55–20:57	2h 02m	AN ₊ bis M ₇		20:57	10:22	06:25	35m	07:01	36m	07:37	35m	08:13	8h 54m	17:07	35m	17:43	36m	18:19	35m	18:55	15h 05m	11h 30m				Di, 6. Jan
Mi, 7. Jan		18:56–22:10	3h 13m	AN ₊ bis M ₇		22:10	10:43	06:25	35m	07:01	36m	07:37	35m	08:12	8h 56m	17:09	35m	17:44	36m	18:20	35m	18:56	15h 03m	11h 29m				Mi, 7. Jan
Do, 8. Jan		18:57–23:19	4h 22m	AN ₊ bis M ₇		23:19	11:01	06:25	35m	07:01	36m	07:37	35m	08:12	8h 57m	17:10	35m	17:45	36m	18:21	35m	18:57	15h 02m	11h 27m				Do, 8. Jan
Fr, 9. Jan		18:58–00:26*	5h 28m	AN ₊ bis M ₇		—:—	11:17	06:25	35m	07:00	36m	07:36	35m	08:12	8h 58m	17:11	35m	17:46	36m	18:22	35m	18:58	15h 00m	11h 26m				Fr, 9. Jan
Sa, 10. Jan		18:59–01:32*	6h 33m	AN ₊ bis M ₇	◑	00:26	11:34	06:25	35m	07:00	36m	07:36	35m	08:12	9h 00m	17:12	35m	17:47	36m	18:23	35m	18:59	14h 59m	11h 25m				Sa, 10. Jan
So, 11. Jan		19:00–02:39*	7h 38m	AN ₊ bis M ₇		01:32	11:52	06:24	35m	07:00	36m	07:36	35m	08:11	9h 01m	17:13	35m	17:48	36m	18:24	35m	19:00	14h 57m	11h 24m				So, 11. Jan
Mo, 12. Jan		19:01–03:45*	8h 44m	AN ₊ bis M ₇		02:39	12:14	06:24	35m	07:00	35m	07:36	35m	08:11	9h 03m	17:14	35m	17:49	35m	18:25	35m	19:01	14h 56m	11h 23m				Mo, 12. Jan
Di, 13. Jan		19:02–04:51*	9h 49m	AN ₊ bis M ₇		03:45	12:39	06:24	35m	06:59	35m	07:35	35m	08:10	9h 05m	17:16	35m	17:51	35m	18:27	35m	19:02	14h 54m	11h 21m				Di, 13. Jan
Mi, 14. Jan		19:03–05:54*	10h 50m	AN ₊ bis M ₇		04:51	13:11	06:24	35m	06:59	35m	07:35	35m	08:10	9h 06m	17:17	35m	17:52	35m	18:28	35m	19:03	14h 52m	11h 20m				Mi, 14. Jan
Do, 15. Jan		19:04–06:23*	11h 18m	AN ₊ bis AN ₋		05:54	13:52	06:23	35m	06:59	35m	07:34	34m	08:09	9h 08m	17:18	34m	17:53	35m	18:29	35m	19:04	14h 50m	11h 18m				Do, 15. Jan
Fr, 16. Jan		19:05–06:23*	11h 17m	AN ₊ bis AN ₋		06:50	14:43	06:23	35m	06:58	35m	07:34	34m	08:09	9h 10m	17:19	34m	17:54	35m	18:30	35m	19:05	14h 48m	11h 17m				Fr, 16. Jan
Sa, 17. Jan		19:06–06:22*	11h 15m	AN ₊ bis AN ₋		07:38	15:43	06:23	35m	06:58	35m	07:33	34m	08:08	9h 12m	17:21	34m	17:55	35m	18:31	35m	19:06	14h 46m	11h 15m				Sa, 17. Jan
So, 18. Jan		19:07–06:22*	11h 14m	AN ₊ bis AN ₋	●	08:17	16:51	06:22	35m	06:57	35m	07:33	34m	08:07	9h 14m	17:22	34m	17:57	35m	18:32	35m	19:07	14h 44m	11h 14m				So, 18. Jan
Mo, 19. Jan		19:09–06:21*	11h 12m	AN ₊ bis AN ₋		08:47	18:02	06:22	35m	06:57	35m	07:32	34m	08:07	9h 16m	17:23	34m	17:58	35m	18:33	35m	19:09	14h 42m	11h 12m				Mo, 19. Jan
Di, 20. Jan		19:14–06:20*	11h 06m	M _\ bis AN ₋		09:13	19:14	06:21	35m	06:56	35m	07:32	34m	08:06	9h 18m	17:25	34m	17:59	35m	18:35	35m	19:10	14h 40m	11h 10m				Di, 20. Jan
Mi, 21. Jan		20:26–06:20*	9h 53m	M _\ bis AN ₋		09:34	20:26	06:20	35m	06:55	35m	07:31	34m	08:05	9h 20m	17:26	34m	18:00	35m	18:36	35m	19:11	14h 38m	11h 09m				Mi, 21. Jan
Do, 22. Jan		21:38–06:19*	8h 41m	M _\ bis AN ₋		09:52	21:38	06:20	34m	06:55	35m	07:30	34m	08:04	9h 22m	17:27	34m	18:02	35m	18:37	34m	19:12	14h 36m	11h 07m				Do, 22. Jan
Fr, 23. Jan		22:50–06:19*	7h 28m	M _\ bis AN ₋		10:10	22:50	06:19	34m	06:54	35m	07:29	34m	08:04	9h 25m	17:29	34m	18:03	35m	18:38	34m	19:13	14h 33m	11h 05m				Fr, 23. Jan
Sa, 24. Jan		00:05*–06:18*	6h 12m	M _\ bis AN ₋		10:28	—:—	06:19	34m	06:53	35m	07:29	34m	08:03	9h 27m	17:30	34m	18:04	35m	18:39	34m	19:14	14h 31m	11h 03m				Sa, 24. Jan
So, 25. Jan		01:23*–06:17*	4h 54m	M _\ bis AN ₋		10:49	00:05	06:18	34m	06:53	35m	07:28	34m	08:02	9h 29m	17:32	34m	18:06	35m	18:41	34m	19:16	14h 29m	11h 01m				So, 25. Jan
Mo, 26. Jan		02:43*–06:16*	3h 33m	M _\ bis AN ₋	◒	11:13	01:23	06:17	34m	06:52	35m	07:27	33m	08:01	9h 32m	17:33	33m	18:07	35m	18:42	34m	19:17	14h 26m	10h 59m				Mo, 26. Jan
Di, 27. Jan		04:04*–06:15*	2h 11m	M _\ bis AN ₋		11:44	02:43	06:16	34m	06:51	34m	07:26	33m	08:00	9h 34m	17:34	33m	18:08	34m	18:43	34m	19:18	14h 24m	10h 57m				Di, 27. Jan
Mi,																												