

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Miltenberg 49.7039° N 9.2644° 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.

Table with 29 columns representing days of the month and rows for each day. Columns include astronomical twilight (Astr. dunkel), moon phases (Mond), dawn (Beginn der Morgendämmerung), sunrise (Sonne), and dusk (Ende der Abenddämmerung). It provides specific times and durations for various twilight stages and moon phases.

Table with 29 columns (1-29) and 40 rows (Fr, 11. Apr - Fr, 30. Mai). Columns include date, time zone (Zeitzone), astronomical darkness (Astr. dunkel), moon phases (Mond), dawn (Beginn der Morgendämmerung), sunrise (Sonne), dusk (Ende der Abenddämmerung), and night (Nacht). Rows provide detailed timing and duration for various astronomical events.

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

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

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