

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Biasca 46.3599° N 8.9710° 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), M₇

(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), M₇ (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	Zeitzone	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	23:35 – 01:43*	2h 08m	AN ₊ bis M ₇		01:05	17:29	03:23	1h 01m	04:25	47m	05:12	39m	05:51	15h 17m	21:08	38m	21:47	47m	22:34	1h 00m	23:35	8h 43m	3h 50m				So, 20. Jul
Mo, 21. Jul	MESZ	23:33 – 02:34*	3h 01m	AN ₊ bis M ₇		01:43	18:46	03:26	1h 00m	04:26	47m	05:13	38m	05:52	15h 15m	21:07	38m	21:46	46m	22:33	59m	23:33	8h 45m	3h 55m				Mo, 21. Jul
Di, 22. Jul	MESZ	23:30 – 03:30*	3h 59m	AN ₊ bis AN ₋		02:34	19:53	03:28	59m	04:28	46m	05:14	38m	05:53	15h 13m	21:06	38m	21:45	46m	22:31	59m	23:30	8h 48m	3h 59m				Di, 22. Jul
Mi, 23. Jul	MESZ	23:28 – 03:32*	4h 04m	AN ₊ bis AN ₋		03:40	20:44	03:30	59m	04:29	46m	05:16	38m	05:54	15h 10m	21:05	38m	21:44	46m	22:30	58m	23:28	8h 50m	4h 04m				Mi, 23. Jul
Do, 24. Jul	MESZ	23:26 – 03:35*	4h 08m	AN ₊ bis AN ₋	●	04:56	21:21	03:32	58m	04:31	46m	05:17	38m	05:55	15h 08m	21:04	38m	21:43	45m	22:28	57m	23:26	8h 52m	4h 08m				Do, 24. Jul
Fr, 25. Jul	MESZ	23:24 – 03:37*	4h 13m	AN ₊ bis AN ₋		06:15	21:49	03:35	57m	04:32	45m	05:18	38m	05:57	15h 06m	21:03	38m	21:41	45m	22:27	56m	23:24	8h 54m	4h 13m				Fr, 25. Jul
Sa, 26. Jul	MESZ	23:21 – 03:39*	4h 17m	AN ₊ bis AN ₋		07:34	22:10	03:37	56m	04:34	45m	05:20	38m	05:58	15h 04m	21:02	38m	21:40	45m	22:25	56m	23:21	8h 56m	4h 17m				Sa, 26. Jul
So, 27. Jul	MESZ	23:19 – 03:42*	4h 22m	AN ₊ bis AN ₋		08:48	22:28	03:39	56m	04:36	45m	05:21	38m	05:59	15h 01m	21:01	37m	21:39	45m	22:24	55m	23:19	8h 59m	4h 22m				So, 27. Jul
Mo, 28. Jul	MESZ	23:17 – 03:44*	4h 26m	AN ₊ bis AN ₋		09:59	22:44	03:42	55m	04:37	45m	05:22	37m	06:00	14h 59m	21:00	37m	21:37	44m	22:22	54m	23:17	9h 01m	4h 26m				Mo, 28. Jul
Di, 29. Jul	MESZ	23:15 – 03:46*	4h 31m	AN ₊ bis AN ₋		11:07	22:59	03:44	54m	04:39	44m	05:24	37m	06:01	14h 57m	20:58	37m	21:36	44m	22:20	54m	23:15	9h 04m	4h 31m				Di, 29. Jul
Mi, 30. Jul	MESZ	23:14 – 03:48*	4h 34m	M _\ bis AN ₋		12:13	23:14	03:46	54m	04:40	44m	05:25	37m	06:02	14h 54m	20:57	37m	21:34	44m	22:19	53m	23:12	9h 06m	4h 36m				Mi, 30. Jul
Do, 31. Jul	MESZ	23:31 – 03:51*	4h 19m	M _\ bis AN ₋		13:20	23:31	03:48	53m	04:42	44m	05:26	37m	06:04	14h 52m	20:56	37m	21:33	43m	22:17	53m	23:10	9h 09m	4h 40m				Do, 31. Jul
Fr, 1. Aug	MESZ	23:51 – 03:53*	4h 01m	M _\ bis AN ₋	☾	14:27	23:51	03:51	53m	04:44	43m	05:28	37m	06:05	14h 49m	20:54	37m	21:31	43m	22:15	52m	23:08	9h 11m	4h 45m				Fr, 1. Aug
Sa, 2. Aug	MESZ	00:16* – 03:55*	3h 39m	M _\ bis AN ₋		15:35	—:—	03:53	52m	04:45	43m	05:29	37m	06:06	14h 47m	20:53	36m	21:30	43m	22:13	51m	23:05	9h 14m	4h 49m				Sa, 2. Aug
So, 3. Aug	MESZ	00:48* – 03:57*	3h 09m	M _\ bis AN ₋		16:42	00:16	03:55	51m	04:47	43m	05:30	36m	06:07	14h 44m	20:52	36m	21:28	43m	22:11	51m	23:03	9h 16m	4h 54m				So, 3. Aug
Mo, 4. Aug	MESZ	01:30* – 03:59*	2h 29m	M _\ bis AN ₋		17:47	00:48	03:57	51m	04:49	43m	05:32	36m	06:08	14h 41m	20:50	36m	21:27	42m	22:10	50m	23:00	9h 19m	4h 59m				Mo, 4. Aug
Di, 5. Aug	MESZ	02:23* – 04:02*	1h 38m	M _\ bis AN ₋		18:44	01:30	03:59	50m	04:50	42m	05:33	36m	06:10	14h 39m	20:49	36m	21:25	42m	22:08	50m	22:58	9h 22m	5h 03m				Di, 5. Aug
Mi, 6. Aug	MESZ	03:28* – 04:04*	35m	M _\ bis AN ₋		19:33	02:23	04:02	50m	04:52	42m	05:34	36m	06:11	14h 36m	20:47	36m	21:24	42m	22:06	49m	22:56	9h 24m	5h 08m				Mi, 6. Aug
Do, 7. Aug	MESZ	—:—:—:—	–	Mond stört		20:11	03:28	04:04	49m	04:54	42m	05:36	36m	06:12	14h 33m	20:46	36m	21:22	41m	22:04	49m	22:53	9h 27m	5h 12m				Do, 7. Aug
Fr, 8. Aug	MESZ	—:—:—:—	–	Mond stört		20:41	04:41	04:06	49m	04:55	41m	05:37	36m	06:13	14h 30m	20:44	35m	21:20	41m	22:02	48m	22:51	9h 30m	5h 17m				Fr, 8. Aug
Sa, 9. Aug	MESZ	—:—:—:—	–	Mond stört	○	21:05	05:59	04:08	48m	04:57	41m	05:39	35m	06:15	14h 28m	20:43	35m	21:19	41m	22:00	48m	22:48	9h 33m	5h 22m				Sa, 9. Aug
So, 10. Aug	MESZ	—:~:~:~:~	–	Mond stört		21:25	07:17	04:10	48m	04:59	41m	05:40	35m	06:16	14h 25m	20:41	35m	21:17	41m	21:58	47m	22:46	9h 35m	5h 26m				So, 10. Aug
Mo, 11. Aug	MESZ	—:~:~:~:~	–	Mond stört		21:43	08:35	04:12	47m	05:00	41m	05:41	35m	06:17	14h 22m	20:40	35m	21:15	40m	21:56	47m	22:43	9h 38m	5h 31m				Mo, 11. Aug
Di, 12. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:01	09:53	04:15	47m	05:02	40m	05:43	35m	06:18	14h 19m	20:38	35m	21:13	40m	21:54	46m	22:41	9h 41m	5h 35m				Di, 12. Aug
Mi, 13. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:19	11:11	04:17	46m	05:04	40m	05:44	35m	06:20	14h 16m	20:36	35m	21:12	40m	21:52	46m	22:39	9h 44m	5h 40m				Mi, 13. Aug
Do, 14. Aug	MESZ	22:36 – 22:41	4m	AN ₊ bis M ₇		22:41	12:32	04:19	46m	05:05	40m	05:46	35m	06:21	14h 13m	20:35	35m	21:10	40m	21:50	45m	22:36	9h 47m	5h 44m				Do, 14. Aug
Fr, 15. Aug	MESZ	22:34 – 23:07	33m	AN ₊ bis M ₇		23:07	13:54	04:21	45m	05:07	40m	05:47	35m	06:22	14h 10m	20:33	34m	21:08	40m	21:48	45m	22:34	9h 50m	5h 49m				Fr, 15. Aug
Sa, 16. Aug	MESZ	22:31 – 23:41	1h 10m	AN ₊ bis M ₇	☾	23:42	15:17	04:23	45m	05:08	40m	05:48	34m	06:23	14h 08m	20:31	34m	21:06	39m	21:46	45m	22:31	9h 53m	5h 53m				Sa, 16. Aug
So, 17. Aug	MESZ	22:29 – 00:27*	1h 58m	AN ₊ bis M ₇		—:—	16:36	04:25	45m	05:10	39m	05:50	34m	06:25	14h 05m	20:30	34m	21:04	39m	21:44	44m	22:29	9h 56m	5h 58m				So, 17. Aug
Mo, 18. Aug	MESZ	22:26 – 01:27*	3h 00m	AN ₊ bis M ₇		00:27	17:44	04:27	44m	05:12	39m	05:51	34m	06:26	14h 02m	20:28	34m	21:03	39m	21:42	44m	22:26	9h 59m	6h 02m				Mo, 18. Aug
Di, 19. Aug	MESZ	22:24 – 02:38*	4h 14m	AN ₊ bis M ₇		01:27	18:39	04:29	44m	05:13	39m	05:53	34m	06:27	13h 59m	20:26	34m	21:01	39m	21:40	44m	22:24	10h 02m	6h 06m				Di, 19. Aug
Mi, 20. Aug	MESZ	22:21 – 03:55*	5h 33m	AN ₊ bis M ₇		02:38	19:20	04:31	44m	05:15	39m	05:54	34m	06:28	13h 56m	20:25	34m	20:59	38m	21:38	43m	22:21	10h 05m	6h 11m				Mi, 20. Aug
Do, 21. Aug	MESZ	22:19 – 04:35*	6h 15m	AN ₊ bis AN ₋		03:55	19:51	04:33	43m	05:16	38m	05:55	34m	06:30	13h 53m	20:23	34m	20:57	38m	21:36	43m	22:19	10h 08m	6h 15m				Do, 21. Aug
Fr, 22. Aug	MESZ	22:17 – 04:37*	6h 20m	AN ₊ bis AN ₋		05:13	20:14	04:35	43m	05:18	38m	05:57	34m	06:31	13h 49m	20:21	34m	20:55	38m	21:34	42m	22:17	10h 11m	6h 20m				Fr, 22. Aug
Sa, 23. Aug	MESZ	22:14 – 04:39*	6h 24m	AN ₊ bis AN ₋	●	06:29	20:33	04:37	42m	05:20	38m	05:58	34m	06:32	13h 46m	20:19	33m	20:53	38m	21:32	42m	22:14	10h 14m	6h 24m				Sa, 23. Aug
So, 24. Aug	MESZ	22:12 – 04:40*	6h 28m	AN ₊ bis AN ₋		07:41	20:49	04:39	42m	05:21	38m	06:00	33m	06:34	13h 43m	20:17	33m	20:51	38m	21:29	42m	22:12	10h 17m	6h 28m				So, 24. Aug
Mo, 25. Aug	MESZ	22:09 – 04:42*	6h 33m	AN ₊ bis AN ₋		08:50	21:04	04:40	42m	05:23	38m	06:01	33m	06:35	13h 40m	20:16	33m	20:49	37m	21:27	41m	22:09	10h 20m	6h 33m				Mo, 25. Aug
Di, 26. Aug	MESZ	22:07 – 04:44*	6h 37m	AN ₊ bis AN ₋		09:58	21:19	04:42	41m	05:24	37m	06:02	33m	06:36	13h 37m	20:14	33m	20:47	37m	21:25	41m	22:07	10h 23m	6h 37m				Di, 26. Aug
Mi, 27. Aug	MESZ	22:04 – 04:46*	6h 41m	AN ₊ bis AN ₋		11:05	21:35	04:44	41m	05:26	37m	06:04	33m	06:37	13h 34m	20:12	33m	20:45	37m	21:23	41m	22:04	10h 26m	6h 41m				Mi, 27. Aug
Do, 28. Aug	MESZ	22:02 – 04:48*	6h 45m	AN ₊ bis AN ₋		12:12	21:54	04:46	41m	05:27	37m	06:05	33m	06:39	13h 31m	20:10	33m	20:43	37m	21:21	41m	22:02	10h 29m	6h 45m				Do, 28. Aug
Fr, 29. Aug	MESZ	22:16 – 04:50*	6h 33m	M _\ bis AN ₋		13:20	22:16	04:48	41m	05:29	37m	06:06	33m	06:40	13h 28m	20:08	33m	20:42	37m	21:19	40m	22:00	10h 32m	6h 50m				Fr, 29. Aug
Sa, 30. Aug	MESZ	22:45 – 04:52*	6h 06m	M _\ bis AN ₋		14:27	22:45	04:50	40m	05:31	37m	06:08	33m	06:41	13h 25m	20:06	33m	20:40	37m	21:17	40m	21:57						

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

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

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