

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Affoltern am Albis 47.2750° N 8.4458° 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			
So, 20. Jul	MESZ	23:47-01:41*	1h 53m	AN ₊ bis M ₇		01:03	17:35	03:15	1h 05m	04:20	49m	05:10	40m	05:50	15h 23m	21:14	40m	21:54	48m	22:43	1h 04m	23:47	8h 37m	3h 29m					So, 20. Jul
Mo, 21. Jul	MESZ	23:45-02:31*	2h 46m	AN ₊ bis M ₇		01:41	18:54	03:17	1h 04m	04:22	48m	05:11	40m	05:51	15h 21m	21:13	39m	21:53	48m	22:41	1h 03m	23:45	8h 39m	3h 34m					Mo, 21. Jul
Di, 22. Jul	MESZ	23:42-03:22*	3h 39m	AN ₊ bis AN ₋		02:31	20:00	03:20	1h 03m	04:24	48m	05:12	39m	05:52	15h 19m	21:12	39m	21:51	48m	22:40	1h 02m	23:42	8h 41m	3h 39m					Di, 22. Jul
Mi, 23. Jul	MESZ	23:40-03:25*	3h 44m	AN ₊ bis AN ₋		03:37	20:50	03:22	1h 02m	04:25	48m	05:14	39m	05:53	15h 17m	21:11	39m	21:50	47m	22:38	1h 02m	23:40	8h 43m	3h 44m					Mi, 23. Jul
Do, 24. Jul	MESZ	23:38-03:27*	3h 49m	AN ₊ bis AN ₋	●	04:53	21:27	03:25	1h 02m	04:27	47m	05:15	39m	05:54	15h 15m	21:09	39m	21:49	47m	22:36	1h 01m	23:38	8h 46m	3h 49m					Do, 24. Jul
Fr, 25. Jul	MESZ	23:35-03:30*	3h 54m	AN ₊ bis AN ₋		06:14	21:54	03:27	1h 01m	04:29	47m	05:16	39m	05:56	15h 12m	21:08	39m	21:47	47m	22:35	1h 00m	23:35	8h 48m	3h 54m					Fr, 25. Jul
Sa, 26. Jul	MESZ	23:33-03:32*	3h 59m	AN ₊ bis AN ₋		07:33	22:14	03:30	1h 00m	04:30	47m	05:18	39m	05:57	15h 10m	21:07	38m	21:46	46m	22:33	59m	23:33	8h 50m	3h 59m					Sa, 26. Jul
So, 27. Jul	MESZ	23:30-03:35*	4h 04m	AN ₊ bis AN ₋		08:49	22:31	03:32	59m	04:32	46m	05:19	38m	05:58	15h 07m	21:06	38m	21:45	46m	22:31	58m	23:30	8h 53m	4h 04m					So, 27. Jul
Mo, 28. Jul	MESZ	23:27-03:37*	4h 09m	AN ₊ bis AN ₋		10:00	22:46	03:35	58m	04:34	46m	05:20	38m	05:59	15h 05m	21:05	38m	21:43	46m	22:29	58m	23:27	8h 55m	4h 09m					Mo, 28. Jul
Di, 29. Jul	MESZ	23:25-03:40*	4h 14m	AN ₊ bis AN ₋		11:09	23:00	03:37	58m	04:35	46m	05:22	38m	06:00	15h 02m	21:03	38m	21:42	45m	22:28	57m	23:25	8h 58m	4h 14m					Di, 29. Jul
Mi, 30. Jul	MESZ	23:22-03:42*	4h 19m	AN ₊ bis AN ₋		12:17	23:15	03:40	57m	04:37	45m	05:23	38m	06:02	15h 00m	21:02	38m	21:40	45m	22:26	56m	23:22	9h 00m	4h 19m					Mi, 30. Jul
Do, 31. Jul	MESZ	23:31-03:45*	4h 13m	M _\ bis AN ₋		13:24	23:31	03:42	56m	04:39	45m	05:25	38m	06:03	14h 57m	21:01	38m	21:39	45m	22:24	55m	23:20	9h 03m	4h 24m					Do, 31. Jul
Fr, 1. Aug	MESZ	23:50-03:47*	3h 57m	M _\ bis AN ₋	◐	14:32	23:50	03:45	55m	04:41	45m	05:26	38m	06:04	14h 55m	20:59	37m	21:37	44m	22:22	55m	23:17	9h 06m	4h 29m					Fr, 1. Aug
Sa, 2. Aug	MESZ	00:14*-03:50*	3h 35m	M _\ bis AN ₋		15:41	—:—	03:47	55m	04:42	44m	05:27	37m	06:05	14h 52m	20:58	37m	21:36	44m	22:20	54m	23:15	9h 08m	4h 34m					Sa, 2. Aug
So, 3. Aug	MESZ	00:45*-03:52*	3h 06m	M _\ bis AN ₋		16:49	00:14	03:50	54m	04:44	44m	05:29	37m	06:07	14h 49m	20:56	37m	21:34	44m	22:18	53m	23:12	9h 11m	4h 39m					So, 3. Aug
Mo, 4. Aug	MESZ	01:26*-03:54*	2h 27m	M _\ bis AN ₋		17:54	00:45	03:52	53m	04:46	44m	05:30	37m	06:08	14h 47m	20:55	37m	21:32	44m	22:16	53m	23:10	9h 14m	4h 44m					Mo, 4. Aug
Di, 5. Aug	MESZ	02:20*-03:57*	1h 36m	M _\ bis AN ₋		18:52	01:26	03:54	53m	04:48	44m	05:32	37m	06:09	14h 44m	20:53	37m	21:31	43m	22:15	52m	23:07	9h 16m	4h 49m					Di, 5. Aug
Mi, 6. Aug	MESZ	03:25*-03:59*	33m	M _\ bis AN ₋		19:40	02:20	03:57	52m	04:49	43m	05:33	37m	06:10	14h 41m	20:52	37m	21:29	43m	22:13	51m	23:04	9h 19m	4h 54m					Mi, 6. Aug
Do, 7. Aug	MESZ	—:—:—:—	—	Mond stört		20:17	03:25	03:59	51m	04:51	43m	05:35	37m	06:12	14h 38m	20:50	36m	21:27	43m	22:11	51m	23:02	9h 22m	4h 59m					Do, 7. Aug
Fr, 8. Aug	MESZ	—:—:—:—	—	Mond stört		20:46	04:39	04:01	51m	04:53	43m	05:36	36m	06:13	14h 35m	20:49	36m	21:26	42m	22:09	50m	22:59	9h 25m	5h 04m					Fr, 8. Aug
Sa, 9. Aug	MESZ	—:—:—:—	—	Mond stört	◑	21:09	05:58	04:04	50m	04:55	42m	05:37	36m	06:14	14h 32m	20:47	36m	21:24	42m	22:07	50m	22:57	9h 28m	5h 09m					Sa, 9. Aug
So, 10. Aug	MESZ	—:~:~:~:~	—	Mond stört		21:29	07:17	04:06	50m	04:56	42m	05:39	36m	06:16	14h 30m	20:46	36m	21:22	42m	22:04	49m	22:54	9h 31m	5h 14m					So, 10. Aug
Mo, 11. Aug	MESZ	—:~:~:~:~	—	Mond stört		21:46	08:36	04:08	49m	04:58	42m	05:40	36m	06:17	14h 27m	20:44	36m	21:20	42m	22:02	49m	22:52	9h 34m	5h 19m					Mo, 11. Aug
Di, 12. Aug	MESZ	—:~:~:~:~	—	Mond stört		22:02	09:55	04:11	49m	05:00	42m	05:42	36m	06:18	14h 24m	20:42	36m	21:19	41m	22:00	48m	22:49	9h 37m	5h 23m					Di, 12. Aug
Mi, 13. Aug	MESZ	—:~:~:~:~	—	Mond stört		22:20	11:15	04:13	48m	05:02	41m	05:43	36m	06:20	14h 21m	20:41	35m	21:17	41m	21:58	48m	22:46	9h 40m	5h 28m					Mi, 13. Aug
Do, 14. Aug	MESZ	—:~:~:~:~	—	Mond stört		22:40	12:36	04:15	48m	05:03	41m	05:45	36m	06:21	14h 18m	20:39	35m	21:15	41m	21:56	47m	22:44	9h 43m	5h 33m					Do, 14. Aug
Fr, 15. Aug	MESZ	22:41-23:06	24m	AN ₊ bis M ₇		23:06	13:59	04:17	47m	05:05	41m	05:46	35m	06:22	14h 15m	20:37	35m	21:13	41m	21:54	47m	22:41	9h 46m	5h 38m					Fr, 15. Aug
Sa, 16. Aug	MESZ	22:39-23:39	1h 00m	AN ₊ bis M ₇	◑	23:39	15:23	04:19	47m	05:07	41m	05:48	35m	06:23	14h 12m	20:36	35m	21:11	40m	21:52	46m	22:39	9h 49m	5h 42m					Sa, 16. Aug
So, 17. Aug	MESZ	22:36-00:24*	1h 48m	AN ₊ bis M ₇		—:—	16:43	04:22	46m	05:08	40m	05:49	35m	06:25	14h 09m	20:34	35m	21:09	40m	21:50	46m	22:36	9h 52m	5h 47m					So, 17. Aug
Mo, 18. Aug	MESZ	22:34-01:24*	2h 50m	AN ₊ bis M ₇		00:24	17:52	04:24	46m	05:10	40m	05:51	35m	06:26	14h 05m	20:32	35m	21:07	40m	21:48	45m	22:34	9h 55m	5h 52m					Mo, 18. Aug
Di, 19. Aug	MESZ	22:31-02:35*	4h 04m	AN ₊ bis M ₇		01:24	18:46	04:26	45m	05:12	40m	05:52	35m	06:27	14h 02m	20:30	35m	21:05	40m	21:46	45m	22:31	9h 58m	5h 56m					Di, 19. Aug
Mi, 20. Aug	MESZ	22:28-03:54*	5h 25m	AN ₊ bis M ₇		02:35	19:27	04:28	45m	05:13	40m	05:54	35m	06:29	13h 59m	20:28	35m	21:03	39m	21:43	45m	22:28	10h 01m	6h 01m					Mi, 20. Aug
Do, 21. Aug	MESZ	22:26-04:32*	6h 06m	AN ₊ bis AN ₋		03:54	19:56	04:30	45m	05:15	39m	05:55	35m	06:30	13h 56m	20:27	34m	21:02	39m	21:41	44m	22:26	10h 04m	6h 06m					Do, 21. Aug
Fr, 22. Aug	MESZ	22:23-04:34*	6h 10m	AN ₊ bis AN ₋		05:13	20:18	04:32	44m	05:17	39m	05:56	34m	06:31	13h 53m	20:25	34m	21:00	39m	21:39	44m	22:23	10h 07m	6h 10m					Fr, 22. Aug
Sa, 23. Aug	MESZ	22:21-04:36*	6h 15m	AN ₊ bis AN ₋	●	06:29	20:36	04:34	44m	05:18	39m	05:58	34m	06:33	13h 50m	20:23	34m	20:58	39m	21:37	43m	22:21	10h 11m	6h 15m					Sa, 23. Aug
So, 24. Aug	MESZ	22:18-04:38*	6h 19m	AN ₊ bis AN ₋		07:42	20:52	04:36	43m	05:20	39m	05:59	34m	06:34	13h 47m	20:21	34m	20:56	39m	21:35	43m	22:18	10h 14m	6h 19m					So, 24. Aug
Mo, 25. Aug	MESZ	22:16-04:40*	6h 24m	AN ₊ bis AN ₋		08:52	21:06	04:38	43m	05:22	39m	06:01	34m	06:35	13h 43m	20:19	34m	20:54	38m	21:32	43m	22:16	10h 17m	6h 24m					Mo, 25. Aug
Di, 26. Aug	MESZ	22:13-04:42*	6h 28m	AN ₊ bis AN ₋		10:01	21:20	04:40	43m	05:23	38m	06:02	34m	06:37	13h 40m	20:17	34m	20:52	38m	21:30	42m	22:13	10h 20m	6h 28m					Di, 26. Aug
Mi, 27. Aug	MESZ	22:11-04:44*	6h 33m	AN ₊ bis AN ₋		11:09	21:36	04:42	42m	05:25	38m	06:04	34m	06:38	13h 37m	20:15	34m	20:50	38m	21:28	42m	22:11	10h 23m	6h 33m					Mi, 27. Aug
Do, 28. Aug	MESZ	22:08-04:46*	6h 37m	AN ₊ bis AN ₋		12:17	21:53	04:44	42m	05:27	38m	06:05	34m	06:39	13h 34m	20:14	34m	20:48	38m	21:26	42m	22:08	10h 27m	6h 37m					Do, 28. Aug
Fr, 29. Aug	MESZ	22:15-04:48*	6h 32m	M _\ bis AN ₋		13:25	22:15	04:46	42m	05:28	38m	06:07	34m	06:41	13h 31m	20:12	33m	20:46	38m	21:24	41m	22:06	10h 30m	6h 42m					Fr, 29. Aug
Sa, 30. Aug	MESZ	22:43-04:50*	6h 07m	M _\ bis AN ₋		14:34	22																						

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