

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Kassel 51.3167° N 9.5000° 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.	↑	↓	Astr.	Δt	Naut.	Δt	Bürg.	Δt	↑	Δt	↓	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt			Δt	
Mi, 1. Jan		18:29–06:22*	11h 52m	AN ₊ bis AN ₋		10:06	17:50	06:22	40m	07:02	41m	07:44	42m	08:26	7h 59m	16:25	42m	17:07	41m	17:49	40m	18:29	16h 00m	11h 52m				Mi, 1. Jan
Do, 2. Jan		19:16–06:22*	11h 05m	M _↓ bis AN ₋		10:30	19:16	06:22	40m	07:02	41m	07:44	41m	08:26	8h 00m	16:26	41m	17:08	41m	17:50	40m	18:30	15h 59m	11h 51m				Do, 2. Jan
Fr, 3. Jan		20:42–06:22*	9h 39m	M _↓ bis AN ₋		10:48	20:42	06:22	40m	07:02	41m	07:44	41m	08:25	8h 01m	16:27	41m	17:09	41m	17:51	40m	18:31	15h 58m	11h 50m				Fr, 3. Jan
Sa, 4. Jan		22:06–06:21*	8h 15m	M _↓ bis AN ₋		11:03	22:06	06:22	40m	07:02	41m	07:43	41m	08:25	8h 03m	16:28	41m	17:10	41m	17:52	40m	18:32	15h 56m	11h 49m				Sa, 4. Jan
So, 5. Jan		23:30–06:21*	6h 51m	M _↓ bis AN ₋		11:15	23:30	06:21	40m	07:02	41m	07:43	41m	08:25	8h 04m	16:29	41m	17:11	41m	17:53	40m	18:33	15h 55m	11h 48m				So, 5. Jan
Mo, 6. Jan		00:54*–06:21*	5h 27m	M _↓ bis AN ₋		11:28	—:—	06:21	40m	07:01	41m	07:43	41m	08:25	8h 06m	16:31	41m	17:12	41m	17:54	40m	18:34	15h 53m	11h 47m				Mo, 6. Jan
Di, 7. Jan		02:20*–06:21*	4h 00m	M _↓ bis AN ₋	☾	11:41	00:54	06:21	40m	07:01	41m	07:43	41m	08:24	8h 07m	16:32	41m	17:13	41m	17:55	40m	18:35	15h 51m	11h 45m				Di, 7. Jan
Mi, 8. Jan		03:49*–06:21*	2h 31m	M _↓ bis AN ₋		11:56	02:20	06:21	40m	07:01	41m	07:42	41m	08:24	8h 09m	16:33	41m	17:15	41m	17:56	40m	18:36	15h 49m	11h 44m				Mi, 8. Jan
Do, 9. Jan		05:18*–06:20*	1h 02m	M _↓ bis AN ₋		12:17	03:49	06:21	40m	07:01	41m	07:42	41m	08:23	8h 11m	16:35	41m	17:16	41m	17:57	40m	18:37	15h 47m	11h 43m				Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		12:46	05:18	06:20	39m	07:00	41m	07:41	41m	08:23	8h 13m	16:36	41m	17:17	41m	17:58	40m	18:38	15h 45m	11h 41m				Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:28	06:41	06:20	39m	07:00	41m	07:41	41m	08:22	8h 15m	16:37	41m	17:18	41m	18:00	39m	18:40	15h 43m	11h 39m				Sa, 11. Jan
So, 12. Jan		—:~:~:~:~	–	Mond stört		14:27	07:49	06:19	39m	06:59	40m	07:40	40m	08:21	8h 17m	16:39	40m	17:20	40m	18:01	39m	18:41	15h 41m	11h 38m				So, 12. Jan
Mo, 13. Jan		—:~:~:~:~	–	Mond stört	☾	15:41	08:40	06:19	39m	06:59	40m	07:40	40m	08:21	8h 19m	16:40	40m	17:21	40m	18:02	39m	18:42	15h 39m	11h 36m				Mo, 13. Jan
Di, 14. Jan		—:~:~:~:~	–	Mond stört		17:03	09:14	06:19	39m	06:58	40m	07:39	40m	08:20	8h 22m	16:42	40m	17:23	40m	18:03	39m	18:43	15h 37m	11h 34m				Di, 14. Jan
Mi, 15. Jan		—:~:~:~:~	–	Mond stört		18:24	09:38	06:18	39m	06:58	40m	07:38	40m	08:19	8h 24m	16:43	40m	17:24	40m	18:05	39m	18:44	15h 34m	11h 32m				Mi, 15. Jan
Do, 16. Jan		18:46–19:43	57m	AN ₊ bis M _↓		19:43	09:54	06:17	39m	06:57	40m	07:38	40m	08:18	8h 26m	16:45	40m	17:25	40m	18:06	39m	18:46	15h 32m	11h 31m				Do, 16. Jan
Fr, 17. Jan		18:47–20:57	2h 10m	AN ₊ bis M _↓		20:57	10:07	06:17	39m	06:56	40m	07:37	40m	08:17	8h 29m	16:47	40m	17:27	40m	18:07	39m	18:47	15h 29m	11h 29m				Fr, 17. Jan
Sa, 18. Jan		18:48–22:09	3h 20m	AN ₊ bis M _↓		22:09	10:18	06:16	39m	06:56	40m	07:36	40m	08:16	8h 31m	16:48	40m	17:28	40m	18:09	39m	18:48	15h 27m	11h 27m				Sa, 18. Jan
So, 19. Jan		18:50–23:19	4h 29m	AN ₊ bis M _↓		23:19	10:28	06:15	39m	06:55	40m	07:35	39m	08:15	8h 34m	16:50	40m	17:30	40m	18:10	39m	18:50	15h 24m	11h 24m				So, 19. Jan
Mo, 20. Jan		18:51–00:29*	5h 38m	AN ₊ bis M _↓		—:—	10:38	06:15	39m	06:54	40m	07:34	39m	08:14	8h 37m	16:51	39m	17:31	40m	18:12	39m	18:51	15h 21m	11h 22m				Mo, 20. Jan
Di, 21. Jan		18:52–01:41*	6h 48m	AN ₊ bis M _↓	☾	00:29	10:49	06:14	39m	06:53	40m	07:33	39m	08:13	8h 39m	16:53	39m	17:33	40m	18:13	39m	18:52	15h 18m	11h 20m				Di, 21. Jan
Mi, 22. Jan		18:54–02:54*	8h 00m	AN ₊ bis M _↓		01:41	11:01	06:13	39m	06:52	40m	07:32	39m	08:12	8h 42m	16:55	39m	17:34	40m	18:14	39m	18:54	15h 16m	11h 18m				Mi, 22. Jan
Do, 23. Jan		18:55–04:09*	9h 13m	AN ₊ bis M _↓		02:54	11:18	06:12	39m	06:51	39m	07:31	39m	08:11	8h 45m	16:56	39m	17:36	39m	18:16	39m	18:55	15h 13m	11h 15m				Do, 23. Jan
Fr, 24. Jan		18:57–05:23*	10h 25m	AN ₊ bis M _↓		04:09	11:41	06:11	39m	06:50	39m	07:30	39m	08:10	8h 48m	16:58	39m	17:37	39m	18:17	39m	18:57	15h 10m	11h 13m				Fr, 24. Jan
Sa, 25. Jan		18:58–06:09*	11h 11m	AN ₊ bis AN ₋		05:23	12:14	06:10	39m	06:49	39m	07:29	39m	08:08	8h 51m	17:00	39m	17:39	39m	18:19	39m	18:58	15h 07m	11h 11m				Sa, 25. Jan
So, 26. Jan		19:00–06:08*	11h 08m	AN ₊ bis AN ₋		06:29	13:01	06:09	39m	06:48	39m	07:28	39m	08:07	8h 54m	17:02	39m	17:41	39m	18:20	39m	19:00	15h 04m	11h 08m				So, 26. Jan
Mo, 27. Jan		19:01–06:07*	11h 06m	AN ₊ bis AN ₋		07:24	14:06	06:08	39m	06:47	39m	07:27	38m	08:06	8h 57m	17:03	38m	17:42	39m	18:22	39m	19:01	15h 00m	11h 06m				Mo, 27. Jan
Di, 28. Jan		19:02–06:06*	11h 03m	AN ₊ bis AN ₋		08:04	15:25	06:07	38m	06:46	39m	07:26	38m	08:04	9h 00m	17:05	38m	17:44	39m	18:23	39m	19:02	14h 57m	11h 03m				Di, 28. Jan
Mi, 29. Jan		19:04–06:05*	11h 00m	AN ₊ bis AN ₋	☾	08:33	16:52	06:06	38m	06:45	39m	07:24	38m	08:03	9h 04m	17:07	38m	17:46	39m	18:25	38m	19:04	14h 54m	11h 00m				Mi, 29. Jan
Do, 30. Jan		19:05–06:04*	10h 58m	AN ₊ bis AN ₋		08:53	18:21	06:05	38m	06:44	39m	07:23	38m	08:01	9h 07m	17:09	38m	17:47	39m	18:27	38m	19:05	14h 51m	10h 58m				Do, 30. Jan
Fr, 31. Jan		19:48–06:02*	10h 13m	M _↓ bis AN ₋		09:09	19:48	06:04	38m	06:42	39m	07:22	38m	08:00	9h 10m	17:11	38m	17:49	39m	18:28	38m	19:07	14h 47m	10h 55m				Fr, 31. Jan
Sa, 1. Feb		21:15–06:01*	8h 46m	M _↓ bis AN ₋		09:23	21:15	06:02	38m	06:41	39m	07:20	38m	07:58	9h 13m	17:12	38m	17:51	39m	18:30	38m	19:09	14h 44m	10h 52m				Sa, 1. Feb
So, 2. Feb		22:41–06:00*	7h 18m	M _↓ bis AN ₋		09:35	22:41	06:01	38m	06:40	39m	07:19	38m	07:57	9h 17m	17:14	38m	17:52	39m	18:31	38m	19:10	14h 41m	10h 49m				So, 2. Feb
Mo, 3. Feb		00:08*–05:58*	5h 50m	M _↓ bis AN ₋		09:48	—:—	06:00	38m	06:39	38m	07:17	37m	07:55	9h 20m	17:16	37m	17:54	38m	18:33	38m	19:12	14h 37m	10h 46m				Mo, 3. Feb
Di, 4. Feb		01:36*–05:57*	4h 20m	M _↓ bis AN ₋		10:02	00:08	05:58	38m	06:37	38m	07:16	37m	07:54	9h 23m	17:18	37m	17:56	38m	18:34	38m	19:13	14h 34m	10h 43m				Di, 4. Feb
Mi, 5. Feb		03:05*–05:56*	2h 50m	M _↓ bis AN ₋	☾	10:21	01:36	05:57	38m	06:36	38m	07:14	37m	07:52	9h 27m	17:20	37m	17:57	38m	18:36	38m	19:15	14h 30m	10h 40m				Mi, 5. Feb
Do, 6. Feb		04:29*–05:54*	1h 25m	M _↓ bis AN ₋		10:47	03:05	05:56	38m	06:34	38m	07:13	37m	07:50	9h 30m	17:21	37m	17:59	38m	18:38	38m	19:16	14h 27m	10h 37m				Do, 6. Feb
Fr, 7. Feb		05:41*–05:53*	11m	M _↓ bis AN ₋		11:24	04:29	05:54	38m	06:33	38m	07:11	37m	07:49	9h 34m	17:23	37m	18:01	38m	18:39	38m	19:18	14h 23m	10h 34m				Fr, 7. Feb
Sa, 8. Feb		—:~:~:~:~	–	Mond stört		12:16	05:41	05:53	38m	06:31	38m	07:10	37m	07:47	9h 37m	17:25	37m	18:02	38m	18:41	38m	19:19	14h 20m	10h 31m				Sa, 8. Feb
So, 9. Feb		—:~:~:~:~	–	Mond stört		13:24	06:37	05:51	38m	06:30	38m	07:08	37m	07:45	9h 41m	17:27	37m	18:04	38m	18:43	38m	19:21	14h 16m	10h 28m				So, 9. Feb
Mo, 10. Feb		—:~:~:~:~	–	Mond stört		14:42	07:15	05:50	38m	06:28	38m	07:06	37m	07:43	9h 45m	17:29	37m	18:06	38m	18:44	38m	19:23	14h 13m	10h 25m				Mo, 10. Feb
Di, 11. Feb		—:~:~:~:~	–	Mond stört		16:03	07:41	05:48	38m	06:26	38m	07:05	36m	07:42	9h 48m	17:30	36m	18:07	38m	18:46	38m	19:24	14h 09m	10h 22m				Di, 11. Feb
Mi, 12. Feb		—:~:~:~:~	–	Mond stört	☾	17:23	08:00	05:46	38m	06:25	38m	07:03	36m	07:40	9h 52m	17:32	36m	18:09	38m	18:								

Table with columns for date, time zone, moon phase (Astr. dunkel und kein Mond, Mond), sunrise (Beginn der Morgendämmerung, Sonne), sunset (Ende der Abenddämmerung), night (Nacht), and astronomical data (Astr. N., Naut. dunkel und kein Mond). Rows list dates from Feb 20 to Apr 10, 2025, with specific times and moon phases.

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

Table with 29 columns (1-29) and 60 rows (Sa, 31. Mai to Sa, 19. Jul). Columns include dates, astronomical data (Astr. MD, Ph., rise/set times), and astronomical events (Mond stört, ND+, M\ bis ND_).

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

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

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

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