

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Saint-Brieuc 48.5136° N -2.7653° E

Berechnung: pyEphem
Textsatz: L^AT_EX

Atmosphären-Einstellungen in pyEphem

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

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

Spalte 1 Kalendertag.

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

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

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

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

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

Spalte 6 Mondphase.

Spalte 7 Mondaufgang.

Spalte 8 Monduntergang.

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

Spalte 10 Dauer der astr. Morgendämmerung.

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

Spalte 12 Dauer der naut. Morgendämmerung.

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

Spalte 14 Dauer der bürg. Morgendämmerung.

Spalte 15 Sonnenaufgang.

Spalte 16 Taglänge.

Spalte 17 Sonnenuntergang.

Spalte 18 Dauer der bürg. Abenddämmerung.

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

Spalte 20 Dauer der naut. Abenddämmerung.

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

Spalte 22 Dauer der astr. Abenddämmerung.

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

Spalte 24 Länge der Nacht.

Spalte 25 Länge der astr. Nacht.

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

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

Spalte 27 Dauer der in Spalte 26 angegebenen Zeitspanne.

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

Spalte 29 Identisch zu Spalte 1.

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

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

Table with 29 columns (1-29) and multiple rows (Di, 28. Okt to Di, 16. Dez). Columns include dates, time zones, astronomical data (Astr., Δt), moon phases (Ph., ↑, ↓), and sunrise/sunset times (Bürg., Δt, ↑, Δt, ↓, Δt). Rows are shaded in a repeating 8-day cycle.

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