

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Locarno 46.1699° N 8.7952° E

Berechnung: pyEphem
Textsatz: L^AT_EX

Atmosphären-Einstellungen in pyEphem

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

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

Spalte 1 Kalendertag.

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

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

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

Spalte 5 Ereignisse, die die für Deep-Sky-Beobachtungen nutzbare Zeitspanne begrenzen: AN₊ (Einbruch der astronomischen Nacht = Ende der astr. Abenddämmerung), M_v (Monduntergang), AN₋ (Ende der astronomischen Nacht = Beginn der astr. Morgendämmerung), M₇

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

Spalte 6 Mondphase.

Spalte 7 Mondaufgang.

Spalte 8 Monduntergang.

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

Spalte 10 Dauer der astr. Morgendämmerung.

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

Spalte 12 Dauer der naut. Morgendämmerung.

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

Spalte 14 Dauer der bürg. Morgendämmerung.

Spalte 15 Sonnenaufgang.

Spalte 16 Taglänge.

Spalte 17 Sonnenuntergang.

Spalte 18 Dauer der bürg. Abenddämmerung.

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

Spalte 20 Dauer der naut. Abenddämmerung.

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

Spalte 22 Dauer der astr. Abenddämmerung.

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

Spalte 24 Länge der Nacht.

Spalte 25 Länge der astr. Nacht.

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

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

Spalte 27 Dauer der in Spalte 26 angegebenen Zeitspanne.

Spalte 28 Ereignisse, die die nutzbare Zeitspanne begrenzen: ND₊ (Beginn der »naut. Dunkelheit« = Ende der naut. Abenddämmerung), M_v (Monduntergang), ND₋ (Ende der »naut. Dunkelheit« = Beginn der naut. Morgendämmerung), M₇ (Mondaufgang), Naut. MD (Nautische Mitternachtsdämmerung).

Spalte 29 Identisch zu Spalte 1.

Table with 29 columns (days of the month) and 27 rows (times of day). Columns include astronomical data such as sunrise, moon phase, and twilight times. Row 27 contains celestial symbols like ☀, 🌙, and 🌑.

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

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

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

Table with columns 1-29 representing days from Dec 17 to Feb 4. It includes moon phases, astronomical twilight (Astr.), nautical twilight (Naut.), and civil twilight (Bürg.) times for sunrise and sunset. Includes icons for moon phases like full moon (☉) and crescent moon (☾).