

# Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Le Raincy 48.9000° N 2.5167° E

Berechnung: pyEphem  
Textsatz: L<sup>A</sup>T<sub>E</sub>X

## 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  $-18^\circ$ ) 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<sub>+</sub> (Einbruch der astronomischen Nacht = Ende der astr. Abenddämmerung), M<sub>v</sub> (Monduntergang), AN<sub>-</sub> (Ende der astronomischen Nacht = Beginn der astr. Morgendämmerung), M<sub>7</sub>

(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 =  $-18^\circ$ ).

**Spalte 10** Dauer der astr. Morgendämmerung.

**Spalte 11** Beginn der naut. Morgendämmerung (Sonnenhöhe =  $-12^\circ$ ).

**Spalte 12** Dauer der naut. Morgendämmerung.

**Spalte 13** Beginn der bürg. Morgendämmerung (Sonnenhöhe =  $-6^\circ$ ).

**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 =  $-6^\circ$ ).

**Spalte 20** Dauer der naut. Abenddämmerung.

**Spalte 21** Ende der naut. Abenddämmerung (Sonnenhöhe =  $-12^\circ$ ).

**Spalte 22** Dauer der astr. Abenddämmerung.

**Spalte 23** Ende der astr. Abenddämmerung (Sonnenhöhe =  $-18^\circ$ ).

**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  $-12^\circ$ ) und kein Mond stört.

**Spalte 27** Dauer der in Spalte 26 angegebenen Zeitspanne.

**Spalte 28** Ereignisse, die die nutzbare Zeitspanne begrenzen: ND<sub>+</sub> (Beginn der »naut. Dunkelheit« = Ende der naut. Abenddämmerung), M<sub>v</sub> (Monduntergang), ND<sub>-</sub> (Ende der »naut. Dunkelheit« = Beginn der naut. Morgendämmerung), M<sub>7</sub> (Mondaufgang), Naut. MD (Nautische Mitternachtsdämmerung).

**Spalte 29** Identisch zu Spalte 1.











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

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



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