
































JANUAR 2027

HAUPTKALENDARIUM

Datum	Jahres- tag	Kalender- woche	Sonn- und Feiertage	Sonn- lauf	Mondlauf		
					Phase	Länge im Tierkreis	Mondwenden Entfernung Mondknoten
01 Fr	001	53	Neujahr			 24°	
02 Sa	002					 07°	
03 So	003		2 So. nach Weihnachten	1)		 19°	
04 Mo	004	01	Epiphantias		●	 01°	Südw. Erdferne
05 Di	005					 13°	
06 Mi	006					 25°	
07 Do	007					 07°	
08 Fr	008					 19°	
09 Sa	009					 00°	
10 So	010		1. So. nach Epiphantias			 12°	Ω
11 Mo	011	02				 24°	
12 Di	012					 06°	
13 Mi	013					 18°	
14 Do	014					 01°	
15 Fr	015				●	 14°	
16 Sa	016					 27°	
17 So	017		2. So. nach Epiphantias			 10°	
18 Mo	018	03				 24°	Nordw. Erdnähe
19 Di	019					 09°	
20 Mi	020				 24°		
21 Do	021				 09°		
22 Fr	022				○	 24°	
23 Sa	023					 09°	♁
24 So	024		3. So. nach Epiphantias			 24°	
25 Mo	025	04				 09°	
26 Di	026					 23°	
27 Mi	027					 07°	
28 Do	028					 20°	
29 Fr	029				●	 03°	
30 Sa	030					 16°	
31 So	031		Letzter So. nach Epiphantias			 28°	

*) Am 20. Januar um 08:30 Uhr MEZ tritt die Sonne ins Zeichen Wassermann (♒)

1) Erde im kleinsten Abstand von der Sonne.

Januar 2027

	KASSEL				BERLIN				BREMEN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	08:27	16:24	02:21	11:59	08:17	16:03	02:08	11:40	08:39	16:18	02:29	11:56
02	08:27	16:25	03:37	12:17	08:17	16:04	03:26	11:56	08:38	16:19	03:47	12:12
03	08:26	16:26	04:51	12:40	08:17	16:05	04:42	12:18	08:38	16:20	05:04	12:33
04	08:26	16:28	06:02	13:12	08:17	16:06	05:54	12:47	08:38	16:22	06:17	13:02
05	08:26	16:29	07:05	13:53	08:16	16:07	06:58	13:28	08:38	16:23	07:22	13:42
06	08:26	16:30	07:58	14:47	08:16	16:09	07:51	14:22	08:37	16:24	08:14	14:36
07	08:25	16:31	08:38	15:50	08:16	16:10	08:30	15:26	08:37	16:25	08:53	15:41
08	08:25	16:33	09:08	17:00	08:15	16:11	08:59	16:37	08:36	16:27	09:21	16:53
09	08:24	16:34	09:30	18:13	08:15	16:13	09:19	17:51	08:36	16:28	09:41	18:08
10	08:24	16:35	09:47	19:25	08:14	16:14	09:35	19:05	08:35	16:30	09:55	19:23
11	08:23	16:37	10:01	20:37	08:13	16:16	09:48	20:18	08:34	16:31	10:07	20:37
12	08:23	16:38	10:13	21:48	08:13	16:17	09:58	21:32	08:34	16:33	10:17	21:50
13	08:22	16:40	10:24	23:01	08:12	16:19	10:08	22:46	08:33	16:34	10:27	23:05
14	08:21	16:41	10:36	—	08:11	16:20	10:19	—	08:32	16:36	10:37	—
15	08:20	16:43	10:49	00:16	08:10	16:22	10:31	00:02	08:31	16:38	10:48	00:22
16	08:19	16:44	11:05	01:35	08:09	16:23	10:46	01:22	08:30	16:39	11:02	01:44
17	08:19	16:46	11:28	02:58	08:08	16:25	11:06	02:47	08:29	16:41	11:21	03:09
18	08:18	16:47	11:59	04:24	08:07	16:27	11:36	04:15	08:28	16:43	11:51	04:38
19	08:17	16:49	12:47	05:46	08:06	16:28	12:21	05:39	08:27	16:44	12:36	06:02
20	08:16	16:51	13:54	06:56	08:05	16:30	13:29	06:49	08:26	16:46	13:43	07:13
21	08:15	16:52	15:19	07:48	08:04	16:32	14:55	07:40	08:25	16:48	15:11	08:03
22	08:13	16:54	16:53	08:24	08:03	16:34	16:31	08:15	08:23	16:50	16:48	08:36
23	08:12	16:56	18:28	08:50	08:02	16:35	18:07	08:38	08:22	16:51	18:25	08:59
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31	08:02	17:10	03:52	11:12	07:50	16:50	03:44	10:48	08:10	17:06	04:07	11:03

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Jan. 37m.
Tagesl. am 1. Jan. 8h10m, am 31. Jan. 9h17m; somit Zunahme der Tagesl. im Jan. 1h07m.

Januar 2027

	DRESDEN				FRANKFURT/M.				FREIBURG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	08:08	16:09	02:02	11:43	08:24	16:33	02:21	12:06	08:18	16:46	02:19	12:16
02	08:08	16:10	03:18	12:01	08:24	16:34	03:35	12:26	08:18	16:47	03:31	12:37
03	08:08	16:11	04:32	12:25	08:24	16:35	04:48	12:50	08:18	16:48	04:42	13:04
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05	08:08	16:13	06:46	13:38	08:24	16:38	07:00	14:05	08:18	16:50	06:50	14:22
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14	08:03	16:25	10:19	23:58	08:19	16:50	10:40	—	08:14	17:01	10:46	—
15	08:02	16:27	10:33	—	08:19	16:51	10:55	00:17	08:14	17:02	11:03	00:17
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17	08:01	16:30	11:12	02:39	08:17	16:54	11:37	02:56	08:12	17:05	11:49	02:51
18	08:00	16:32	11:44	04:04	08:16	16:56	12:10	04:20	08:12	17:07	12:25	04:13
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Januar 2027

	HAMBURG				HANNOVER				KÖLN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
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09	08:33	16:21	09:38	18:01	08:28	16:28	09:33	18:07	08:33	16:46	09:38	18:25
10	08:33	16:23	09:52	19:16	08:28	16:29	09:49	19:21	08:32	16:47	09:56	19:37
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22	08:21	16:43	16:40	08:34	08:17	16:49	16:48	08:29	08:22	17:06	17:06	08:33
23	08:19	16:45	18:18	08:56	08:15	16:51	18:23	08:52	08:21	17:07	18:39	08:59
24	08:18	16:47	19:52	09:11	08:14	16:52	19:55	09:09	08:20	17:09	20:09	09:18
25	08:17	16:48	21:20	09:23	08:13	16:54	21:22	09:23	08:19	17:11	21:34	09:33
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27	08:14	16:52	—	09:44	08:10	16:58	—	09:47	08:16	17:14	—	10:01
28	08:12	16:54	00:08	09:56	08:09	17:00	00:06	10:01	08:15	17:16	00:14	10:16
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31	08:07	17:00	04:05	10:54	08:04	17:05	03:58	11:04	08:11	17:21	04:00	11:24

Januar 2027

	LEIPZIG				MÜNCHEN				NÜRNBERG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
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03	08:15	16:15	04:39	12:29	08:04	16:32	04:27	12:48	08:12	16:29	04:35	12:44
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05	08:15	16:17	06:53	13:41	08:04	16:34	06:36	14:06	08:11	16:31	06:46	14:00
06	08:14	16:18	07:46	14:35	08:03	16:36	07:28	14:59	08:11	16:32	07:38	14:53
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08	08:13	16:21	08:56	16:48	08:03	16:38	08:43	17:07	08:10	16:35	08:51	17:03
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15	08:09	16:31	10:37	00:04	07:59	16:47	10:47	00:02	08:06	16:44	10:47	00:06
16	08:08	16:33	10:54	01:23	07:59	16:48	11:07	01:17	08:06	16:46	11:05	01:23
17	08:07	16:34	11:16	02:46	07:58	16:50	11:33	02:36	08:05	16:47	11:30	02:43
18	08:06	16:36	11:47	04:12	07:57	16:51	12:09	03:58	08:04	16:49	12:04	04:07
19	08:05	16:38	12:34	05:34	07:56	16:53	12:59	05:17	08:03	16:50	12:53	05:27
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22	08:02	16:42	16:41	08:13	07:54	16:57	16:58	08:01	08:00	16:55	16:55	08:09
23	08:01	16:44	18:15	08:38	07:53	16:59	18:28	08:31	07:59	16:56	18:26	08:37
24	08:00	16:46	19:45	08:57	07:52	17:00	19:53	08:54	07:58	16:58	19:54	08:58
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31	07:50	16:58	03:40	11:00	07:44	17:11	03:25	11:22	07:49	17:09	03:34	11:17

Januar 2027

	ROSTOCK				SAARBRÜCKEN				STUTT GART			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	08:31	15:59	02:18	11:39	08:27	16:44	02:26	12:16	08:16	16:37	02:15	12:08
02	08:31	16:00	03:38	11:53	08:27	16:45	03:39	12:36	08:16	16:38	03:28	12:29
03	08:30	16:01	04:57	12:13	08:27	16:46	04:51	13:02	08:16	16:39	04:40	12:55
04	08:30	16:03	06:11	12:40	08:27	16:47	06:00	13:35	08:16	16:40	05:48	13:29
05	08:30	16:04	07:17	13:20	08:27	16:48	07:01	14:18	08:16	16:41	06:50	14:12
06	08:29	16:05	08:09	14:13	08:26	16:49	07:54	15:11	08:16	16:43	07:42	15:05
07	08:29	16:07	08:47	15:19	08:26	16:51	08:35	16:14	08:15	16:44	08:24	16:07
08	08:28	16:08	09:14	16:33	08:26	16:52	09:07	17:21	08:15	16:45	08:56	17:14
09	08:28	16:10	09:32	17:49	08:25	16:53	09:31	18:31	08:15	16:46	09:21	18:24
10	08:27	16:11	09:46	19:05	08:25	16:54	09:51	19:41	08:14	16:48	09:40	19:33
11	08:26	16:13	09:56	20:21	08:24	16:56	10:07	20:51	08:14	16:49	09:57	20:42
12	08:25	16:14	10:05	21:36	08:24	16:57	10:21	22:00	08:13	16:50	10:11	21:51
13	08:25	16:16	10:13	22:52	08:23	16:58	10:34	23:10	08:13	16:52	10:25	23:01
14	08:24	16:18	10:22	—	08:23	17:00	10:48	—	08:12	16:53	10:40	—
15	08:23	16:19	10:32	00:10	08:22	17:01	11:04	00:23	08:11	16:54	10:56	00:13
16	08:22	16:21	10:45	01:33	08:21	17:03	11:23	01:39	08:11	16:56	11:15	01:29
17	08:21	16:23	11:02	03:00	08:20	17:04	11:47	03:00	08:10	16:57	11:40	02:49
18	08:20	16:25	11:30	04:31	08:19	17:06	12:22	04:23	08:09	16:59	12:15	04:11
19	08:18	16:26	12:13	05:57	08:19	17:07	13:11	05:43	08:08	17:00	13:05	05:31
20	08:17	16:28	13:21	07:08	08:18	17:09	14:19	06:53	08:07	17:02	14:12	06:41
21	08:16	16:30	14:49	07:57	08:17	17:10	15:42	07:46	08:06	17:03	15:35	07:35
22	08:15	16:32	16:28	08:28	08:16	17:12	17:13	08:25	08:05	17:05	17:06	08:14
23	08:13	16:34	18:07	08:49	08:15	17:13	18:44	08:53	08:04	17:06	18:36	08:43
24	08:12	16:36	19:42	09:03	08:14	17:15	20:11	09:14	08:03	17:08	20:02	09:05
25	08:10	16:38	21:11	09:15	08:12	17:17	21:34	09:32	08:02	17:09	21:24	09:23
26	08:09	16:40	22:37	09:25	08:11	17:18	22:53	09:48	08:01	17:11	22:43	09:39
27	08:07	16:41	—	09:35	08:10	17:20	—	10:04	08:00	17:12	—	09:55
28	08:06	16:43	00:00	09:46	08:09	17:21	00:10	10:20	07:59	17:14	00:00	10:13
29	08:04	16:45	01:22	09:59	08:08	17:23	01:25	10:40	07:58	17:16	01:15	10:33
30	08:03	16:47	02:43	10:17	08:06	17:25	02:40	11:04	07:56	17:17	02:28	10:57
31	08:01	16:49	04:00	10:41	08:05	17:26	03:50	11:35	07:55	17:19	03:39	11:28

FEBRUAR 2027

HAUPTKALENDARIUM

Datum	Wochentag	Jahres-tag	Kalender-woche	Sonn- und Feiertage	Sonn- lauf	Mondlauf		
						Phase	Länge im Tierkreis	Mondwenden Entfernung Mondknoten
01	Mo	032	05	Mariä Lichtmess	1)	●	♈ 10°	Süd- w. Erdferne
02	Di	033					♈ 22°	
03	Mi	034					♈ 04°	
04	Do	035					♈ 15°	
05	Fr	036					♈ 27°	
06	Sa	037					♉ 09°	
07	So	038	Estomihi			♉ 21°		
08	Mo	039	06	Rosenmontag			♉ 03°	Nord- w.
09	Di	040		Fastnacht			♉ 16°	
10	Mi	041		Aschermittwoch			♉ 28°	
11	Do	042					♊ 11°	
12	Fr	043					♊ 24°	
13	Sa	044		♊ 07°				
14	So	045	Invokavit		●	♊ 20°		
15	Mo	046	07	Quatemberwoche	⋈(*)		♋ 04°	Nord- w.
16	Di	047					♋ 18°	
17	Mi	048					♋ 03°	
18	Do	049					♋ 17°	
19	Fr	050					♋ 02°	
20	Sa	051	♋ 17°	♌				
21	So	052	Reminiszere		○	♌ 02°		
22	Mo	053	08				♌ 16°	
23	Di	054					♌ 01°	
24	Mi	055					♌ 15°	
25	Do	056					♌ 28°	
26	Fr	057					♌ 11°	
27	Sa	058		♌ 24°				
28	So	059	Okuli		●	♌ 06°		

*) Am 18. Februar um 22:33 Uhr MEZ tritt die Sonne ins Zeichen Fische (♋)

1) Ringförmige Sonnenfinsternis. In Deutschland nicht sichtbar.

Februar 2027

	KASSEL				BERLIN				BREMEN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	08:00	17:12	04:58	11:50	07:49	16:52	04:51	11:25	08:09	17:08	05:15	11:39
02	07:59	17:13	05:55	12:40	07:47	16:54	05:48	12:14	08:07	17:10	06:11	12:28
03	07:57	17:15	06:38	13:40	07:45	16:56	06:31	13:15	08:05	17:12	06:54	13:30
04	07:55	17:17	07:11	14:49	07:44	16:58	07:03	14:25	08:04	17:14	07:25	14:41
05	07:54	17:19	07:36	16:01	07:42	17:00	07:26	15:39	08:02	17:16	07:47	15:55
06	07:52	17:21	07:54	17:14	07:40	17:01	07:43	16:53	08:00	17:18	08:03	17:11
07	07:50	17:22	08:09	18:26	07:39	17:03	07:56	18:08	07:58	17:20	08:16	18:26
08	07:49	17:24	08:21	19:39	07:37	17:05	08:07	19:21	07:57	17:22	08:27	19:40
09	07:47	17:26	08:33	20:51	07:35	17:07	08:18	20:35	07:55	17:24	08:36	20:55
10	07:45	17:28	08:44	22:05	07:33	17:09	08:28	21:51	07:53	17:26	08:46	22:11
11	07:43	17:30	08:57	23:22	07:31	17:11	08:39	23:09	07:51	17:28	08:56	23:30
12	07:42	17:32	09:12	—	07:29	17:13	08:52	—	07:49	17:30	09:09	—
13	07:40	17:33	09:31	00:43	07:27	17:15	09:10	00:31	07:47	17:32	09:26	00:53
14	07:38	17:35	09:58	02:05	07:25	17:17	09:35	01:56	07:45	17:34	09:50	02:18
15	07:36	17:37	10:37	03:27	07:23	17:19	10:12	03:19	07:43	17:36	10:27	03:42
16	07:34	17:39	11:33	04:40	07:21	17:21	11:07	04:33	07:41	17:38	11:22	04:57
17	07:32	17:41	12:48	05:38	07:19	17:22	12:23	05:31	07:39	17:40	12:38	05:54
18	07:30	17:42	14:16	06:20	07:17	17:24	13:53	06:11	07:37	17:41	14:09	06:33
19	07:28	17:44	15:49	06:49	07:15	17:26	15:28	06:39	07:35	17:43	15:45	07:00
20	07:26	17:46	17:21	07:10	07:13	17:28	17:02	06:58	07:33	17:45	17:20	07:18
21	07:24	17:48	18:49	07:27	07:11	17:30	18:32	07:13	07:30	17:47	18:51	07:32
22	07:22	17:50	20:14	07:42	07:09	17:32	19:59	07:26	07:28	17:49	20:18	07:45
23	07:20	17:51	21:37	07:55	07:07	17:34	21:23	07:38	07:26	17:51	21:44	07:56
24	07:18	17:53	22:59	08:09	07:05	17:36	22:46	07:51	07:24	17:53	23:07	08:08
25	07:16	17:55	—	08:26	07:02	17:38	—	08:06	07:22	17:55	—	08:22
26	07:14	17:57	00:19	08:46	07:00	17:39	00:08	08:24	07:19	17:57	00:30	08:40
27	07:12	17:58	01:35	09:12	06:58	17:41	01:26	08:49	07:17	17:59	01:49	09:03
28	07:10	18:00	02:46	09:47	06:56	17:43	02:39	09:22	07:15	18:01	03:02	09:36

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Feb. 33m.
Tagesl. am 1. Feb. 9h20m, am 28. Feb. 10h54m; somit Zunahme der Tagesl. im Feb. 1h34m.

Februar 2027

	DRESDEN				FRANKFURT/M.				FREIBURG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	07:42	16:55	04:39	11:34	08:00	17:19	04:54	12:02	07:57	17:28	04:44	12:18
02	07:41	16:57	05:35	12:24	07:58	17:20	05:49	12:52	07:55	17:30	05:39	13:08
03	07:39	16:59	06:19	13:24	07:57	17:22	06:34	13:52	07:54	17:31	06:24	14:07
04	07:38	17:01	06:52	14:32	07:55	17:24	07:08	14:59	07:53	17:33	07:00	15:13
05	07:36	17:03	07:17	15:44	07:54	17:26	07:33	16:09	07:51	17:35	07:28	16:21
06	07:34	17:04	07:36	16:57	07:52	17:27	07:53	17:21	07:50	17:36	07:50	17:31
07	07:33	17:06	07:51	18:09	07:50	17:29	08:09	18:32	07:48	17:38	08:08	18:40
08	07:31	17:08	08:04	19:21	07:49	17:31	08:23	19:43	07:47	17:39	08:24	19:48
09	07:29	17:10	08:16	20:33	07:47	17:32	08:36	20:54	07:45	17:41	08:39	20:57
10	07:28	17:12	08:27	21:47	07:45	17:34	08:49	22:07	07:44	17:43	08:53	22:08
11	07:26	17:13	08:40	23:04	07:44	17:36	09:02	23:23	07:42	17:44	09:09	23:21
12	07:24	17:15	08:56	—	07:42	17:38	09:19	—	07:41	17:46	09:28	—
13	07:22	17:17	09:15	00:24	07:40	17:39	09:40	00:41	07:39	17:47	09:51	00:37
14	07:20	17:19	09:42	01:46	07:38	17:41	10:08	02:02	07:37	17:49	10:22	01:56
15	07:18	17:21	10:21	03:07	07:37	17:43	10:48	03:22	07:36	17:51	11:04	03:14
16	07:17	17:22	11:17	04:20	07:35	17:45	11:45	04:35	07:34	17:52	12:02	04:25
17	07:15	17:24	12:32	05:19	07:33	17:46	12:59	05:33	07:32	17:54	13:15	05:24
18	07:13	17:26	13:59	06:01	07:31	17:48	14:26	06:17	07:30	17:55	14:39	06:09
19	07:11	17:28	15:32	06:31	07:29	17:50	15:57	06:47	07:29	17:57	16:08	06:43
20	07:09	17:30	17:03	06:52	07:27	17:52	17:27	07:10	07:27	17:58	17:35	07:09
21	07:07	17:31	18:32	07:10	07:25	17:53	18:54	07:29	07:25	18:00	18:59	07:29
22	07:05	17:33	19:56	07:24	07:23	17:55	20:17	07:45	07:23	18:02	20:20	07:48
23	07:03	17:35	21:19	07:38	07:21	17:57	21:39	08:00	07:21	18:03	21:39	08:05
24	07:01	17:37	22:40	07:53	07:19	17:58	22:59	08:15	07:20	18:05	22:56	08:23
25	06:59	17:38	—	08:09	07:17	18:00	—	08:33	07:18	18:06	—	08:43
26	06:57	17:40	00:00	08:30	07:15	18:02	00:17	08:55	07:16	18:08	00:12	09:07
27	06:55	17:42	01:16	08:56	07:13	18:03	01:32	09:22	07:14	18:09	01:25	09:37
28	06:53	17:44	02:27	09:31	07:11	18:05	02:42	09:58	07:12	18:11	02:33	10:14

Februar 2027

	HAMBURG				HANNOVER				KÖLN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	08:06	17:02	05:14	11:30	08:03	17:07	05:05	11:41	08:09	17:23	05:06	12:03
02	08:04	17:04	06:10	12:19	08:01	17:09	06:02	12:30	08:08	17:25	06:02	12:53
03	08:02	17:06	06:53	13:22	07:59	17:11	06:45	13:32	08:06	17:26	06:46	13:53
04	08:01	17:08	07:24	14:33	07:58	17:13	07:17	14:41	08:04	17:28	07:19	15:01
05	07:59	17:10	07:45	15:48	07:56	17:15	07:40	15:55	08:03	17:30	07:44	16:13
06	07:57	17:12	08:00	17:04	07:54	17:16	07:57	17:09	08:01	17:32	08:03	17:26
07	07:55	17:14	08:12	18:20	07:53	17:18	08:10	18:23	08:00	17:34	08:18	18:38
08	07:53	17:16	08:23	19:35	07:51	17:20	08:22	19:37	07:58	17:35	08:31	19:50
09	07:51	17:18	08:32	20:50	07:49	17:22	08:32	20:51	07:56	17:37	08:43	21:02
10	07:49	17:20	08:41	22:07	07:47	17:24	08:43	22:06	07:54	17:39	08:55	22:16
11	07:48	17:22	08:51	23:26	07:45	17:26	08:54	23:24	07:53	17:41	09:08	23:32
12	07:46	17:24	09:03	—	07:43	17:28	09:08	—	07:51	17:43	09:23	—
13	07:44	17:26	09:19	00:50	07:41	17:30	09:25	00:46	07:49	17:44	09:43	00:52
14	07:41	17:28	09:42	02:16	07:40	17:32	09:51	02:10	07:47	17:46	10:10	02:14
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16	07:37	17:32	11:13	04:56	07:36	17:35	11:24	04:47	07:43	17:50	11:46	04:48
17	07:35	17:34	12:29	05:53	07:34	17:37	12:39	05:45	07:42	17:52	13:01	05:46
18	07:33	17:36	14:01	06:31	07:32	17:39	14:09	06:25	07:40	17:53	14:29	06:28
19	07:31	17:38	15:38	06:57	07:29	17:41	15:44	06:53	07:38	17:55	16:01	06:58
20	07:29	17:40	17:13	07:15	07:27	17:43	17:17	07:12	07:36	17:57	17:33	07:20
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23	07:22	17:45	21:40	07:51	07:21	17:49	21:38	07:53	07:30	18:02	21:48	08:06
24	07:20	17:47	23:04	08:02	07:19	17:50	23:01	08:06	07:28	18:04	23:08	08:21
25	07:18	17:49	—	08:15	07:17	17:52	—	08:21	07:26	18:06	—	08:37
26	07:15	17:51	00:27	08:32	07:15	17:54	00:22	08:40	07:24	18:07	00:28	08:58
27	07:13	17:53	01:47	08:55	07:12	17:56	01:41	09:04	07:21	18:09	01:44	09:24
28	07:11	17:55	03:01	09:28	07:10	17:58	02:53	09:38	07:19	18:11	02:54	10:00

Februar 2027

	LEIPZIG				MÜNCHEN				NÜRNBERG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	07:49	17:00	04:47	11:38	07:42	17:13	04:29	12:02	07:48	17:11	04:39	11:56
02	07:47	17:02	05:43	12:27	07:41	17:14	05:25	12:52	07:47	17:13	05:35	12:46
03	07:46	17:04	06:27	13:28	07:40	17:16	06:10	13:51	07:45	17:14	06:20	13:46
04	07:44	17:05	07:00	14:36	07:38	17:18	06:46	14:57	07:44	17:16	06:54	14:52
05	07:42	17:07	07:24	15:49	07:37	17:19	07:13	16:05	07:42	17:18	07:21	16:02
06	07:41	17:09	07:42	17:02	07:35	17:21	07:35	17:15	07:41	17:19	07:41	17:13
07	07:39	17:11	07:57	18:14	07:34	17:22	07:53	18:24	07:39	17:21	07:58	18:23
08	07:37	17:13	08:10	19:27	07:32	17:24	08:09	19:33	07:38	17:23	08:12	19:34
09	07:36	17:14	08:21	20:39	07:31	17:26	08:24	20:42	07:36	17:25	08:26	20:44
10	07:34	17:16	08:33	21:53	07:29	17:27	08:38	21:53	07:34	17:26	08:39	21:56
11	07:32	17:18	08:45	23:10	07:28	17:29	08:54	23:06	07:33	17:28	08:54	23:11
12	07:30	17:20	09:00	—	07:26	17:31	09:12	—	07:31	17:30	09:11	—
13	07:28	17:22	09:19	00:30	07:24	17:32	09:36	00:22	07:29	17:31	09:33	00:29
14	07:26	17:24	09:46	01:53	07:23	17:34	10:06	01:41	07:27	17:33	10:02	01:49
15	07:25	17:25	10:25	03:15	07:21	17:35	10:48	02:59	07:26	17:35	10:42	03:08
16	07:23	17:27	11:21	04:28	07:19	17:37	11:45	04:10	07:24	17:36	11:39	04:21
17	07:21	17:29	12:35	05:26	07:18	17:39	12:59	05:09	07:22	17:38	12:53	05:19
18	07:19	17:31	14:04	06:08	07:16	17:40	14:23	05:55	07:20	17:40	14:19	06:03
19	07:17	17:33	15:37	06:37	07:14	17:42	15:52	06:28	07:18	17:41	15:49	06:35
20	07:15	17:34	17:09	06:59	07:12	17:43	17:19	06:54	07:17	17:43	17:18	06:59
21	07:13	17:36	18:37	07:15	07:10	17:45	18:43	07:14	07:15	17:45	18:44	07:18
22	07:11	17:38	20:02	07:30	07:09	17:46	20:04	07:33	07:13	17:46	20:07	07:35
23	07:09	17:40	21:25	07:44	07:07	17:48	21:23	07:50	07:11	17:48	21:28	07:51
24	07:07	17:42	22:47	07:58	07:05	17:50	22:41	08:08	07:09	17:50	22:47	08:07
25	07:05	17:43	—	08:14	07:03	17:51	23:57	08:28	07:07	17:51	—	08:26
26	07:03	17:45	00:07	08:34	07:01	17:53	—	08:51	07:05	17:53	00:04	08:48
27	07:00	17:47	01:23	09:00	06:59	17:54	01:10	09:21	07:03	17:55	01:19	09:16
28	06:58	17:49	02:34	09:35	06:57	17:56	02:18	09:58	07:01	17:56	02:28	09:52

Februar 2027

	ROSTOCK				SAARBRÜCKEN				STUTT GART			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	07:59	16:51	05:10	11:17	08:04	17:28	04:55	12:14	07:54	17:21	04:43	12:08
02	07:58	16:53	06:06	12:06	08:02	17:30	05:51	13:04	07:52	17:22	05:39	12:58
03	07:56	16:55	06:49	13:08	08:01	17:31	06:35	14:04	07:51	17:24	06:23	13:58
04	07:54	16:57	07:19	14:20	07:59	17:33	07:10	15:10	07:49	17:26	06:59	15:03
05	07:52	16:59	07:39	15:36	07:58	17:35	07:36	16:20	07:48	17:27	07:25	16:13
06	07:50	17:01	07:54	16:53	07:56	17:36	07:57	17:31	07:46	17:29	07:47	17:23
07	07:48	17:03	08:05	18:09	07:55	17:38	08:14	18:41	07:45	17:30	08:04	18:33
08	07:46	17:06	08:15	19:25	07:53	17:40	08:29	19:51	07:43	17:32	08:19	19:42
09	07:45	17:08	08:23	20:41	07:52	17:41	08:42	21:01	07:42	17:34	08:33	20:52
10	07:43	17:10	08:32	21:59	07:50	17:43	08:56	22:13	07:40	17:35	08:48	22:03
11	07:41	17:12	08:41	23:19	07:48	17:45	09:11	23:28	07:39	17:37	09:03	23:17
12	07:38	17:14	08:52	—	07:47	17:47	09:28	—	07:37	17:39	09:21	—
13	07:36	17:16	09:07	00:43	07:45	17:48	09:50	00:45	07:35	17:40	09:43	00:34
14	07:34	17:18	09:30	02:11	07:43	17:50	10:19	02:05	07:34	17:42	10:13	01:54
15	07:32	17:20	10:05	03:36	07:42	17:52	11:01	03:24	07:32	17:44	10:54	03:12
16	07:30	17:22	10:59	04:52	07:40	17:53	11:58	04:36	07:30	17:45	11:51	04:24
17	07:28	17:24	12:16	05:48	07:38	17:55	13:12	05:35	07:28	17:47	13:05	05:23
18	07:26	17:26	13:48	06:26	07:36	17:57	14:37	06:19	07:27	17:49	14:30	06:08
19	07:24	17:28	15:26	06:51	07:34	17:58	16:07	06:51	07:25	17:50	16:00	06:40
20	07:21	17:30	17:03	07:08	07:32	18:00	17:36	07:15	07:23	17:52	17:28	07:05
21	07:19	17:32	18:36	07:21	07:31	18:01	19:02	07:34	07:21	17:53	18:53	07:25
22	07:17	17:34	20:05	07:31	07:29	18:03	20:24	07:51	07:19	17:55	20:15	07:42
23	07:15	17:36	21:32	07:42	07:27	18:05	21:44	08:07	07:17	17:57	21:34	07:59
24	07:12	17:38	22:57	07:52	07:25	18:06	23:03	08:24	07:15	17:58	22:53	08:16
25	07:10	17:40	—	08:05	07:23	18:08	—	08:43	07:14	18:00	—	08:35
26	07:08	17:42	00:21	08:21	07:21	18:10	00:20	09:05	07:12	18:01	00:09	08:58
27	07:06	17:44	01:42	08:43	07:19	18:11	01:35	09:34	07:10	18:03	01:23	09:27
28	07:03	17:46	02:56	09:14	07:17	18:13	02:43	10:10	07:08	18:05	02:31	10:04

MÄRZ 2027

HAUPTKALENDARIUM

Datum	Jahres- tag	Kalender- woche	Sonn- und Feiertage	Sonnen- lauf	Mondlauf		
					Phase	Länge im Tierkreis	Mondwenden Entfernung Mondknoten
01 Mo	060	09				♈ 18°	Südw.
02 Di	061					♈ 00°	
03 Mi	062					♈ 12°	Erdferne
04 Do	063					♈ 24°	
05 Fr	064					♉ 06°	
06 Sa	065					♉ 18°	Ω
07 So	066		Lätare			♉ 30°	
08 Mo	067	10	Frauentag		●	♋ 12°	
09 Di	068					♋ 25°	
10 Mi	069					♌ 07°	
11 Do	070					♌ 20°	
12 Fr	071					♌ 04°	
13 Sa	072					♌ 17°	
14 So	073		Judika			♌ 01°	
15 Mo	074	11			●	♌ 15°	Nordw.
16 Di	075					♌ 29°	
17 Mi	076					♍ 13°	
18 Do	077					♍ 27°	
19 Fr	078					♍ 12°	Erdnähe; ♃
20 Sa	079					♍ 26°	
21 So	080		Palmarum			♍ 10°	
22 Mo	081	12			○	♍ 25°	
23 Di	082					♍ 09°	
24 Mi	083					♍ 23°	
25 Do	084					♍ 06°	
26 Fr	085					♍ 19°	
27 Sa	086					♎ 02°	
28 So	087		Ostersonntag			♎ 14°	Südw.
29 Mo	088	13	Ostermontag		●	♎ 26°	
30 Di	089					♎ 08°	
31 Mi	090					♎ 20°	Erdferne

*) Am 20. März um 21:25 Uhr MEZ tritt die Sonne ins Zeichen Widder (♈) (Frühlingsanfang, Tagundnachtgleiche)

1) Mariä Verkündigung

März 2027

	KASSEL				BERLIN				BREMEN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	07:08	18:02	03:47	10:32	06:54	17:45	03:40	10:07	07:13	18:02	04:04	10:21
02	07:05	18:04	04:36	11:29	06:52	17:47	04:29	11:04	07:10	18:04	04:52	11:19
03	07:03	18:05	05:13	12:35	06:49	17:49	05:05	12:11	07:08	18:06	05:27	12:27
04	07:01	18:07	05:40	13:46	06:47	17:50	05:30	13:24	07:06	18:08	05:52	13:40
05	06:59	18:09	06:00	14:59	06:45	17:52	05:49	14:38	07:04	18:10	06:10	14:55
06	06:57	18:11	06:16	16:12	06:42	17:54	06:04	15:53	07:01	18:12	06:24	16:11
07	06:55	18:12	06:29	17:25	06:40	17:56	06:16	17:07	06:59	18:14	06:35	17:26
08	06:52	18:14	06:42	18:39	06:38	17:58	06:27	18:22	06:57	18:16	06:46	18:41
09	06:50	18:16	06:53	19:53	06:36	18:00	06:37	19:38	06:54	18:17	06:55	19:58
10	06:48	18:18	07:06	21:10	06:33	18:01	06:48	20:57	06:52	18:19	07:06	21:17
11	06:46	18:19	07:20	22:30	06:31	18:03	07:01	22:18	06:50	18:21	07:18	22:40
12	06:44	18:21	07:38	23:53	06:29	18:05	07:17	23:42	06:47	18:23	07:34	—
13	06:41	18:23	08:02	—	06:26	18:07	07:40	—	06:45	18:25	07:55	00:05
14	06:39	18:24	08:36	01:14	06:24	18:08	08:12	01:06	06:42	18:27	08:27	01:29
15	06:37	18:26	09:26	02:30	06:22	18:10	09:00	02:22	06:40	18:28	09:15	02:46
16	06:35	18:28	10:32	03:32	06:19	18:12	10:07	03:24	06:38	18:30	10:22	03:48
17	06:32	18:30	11:53	04:17	06:17	18:14	11:29	04:09	06:35	18:32	11:45	04:32
18	06:30	18:31	13:22	04:50	06:15	18:16	13:00	04:40	06:33	18:34	13:16	05:02
19	06:28	18:33	14:51	05:13	06:12	18:17	14:31	05:02	06:31	18:36	14:49	05:22
20	06:26	18:35	16:19	05:31	06:10	18:19	16:00	05:18	06:28	18:38	16:19	05:38
21	06:23	18:36	17:44	05:46	06:08	18:21	17:27	05:32	06:26	18:39	17:47	05:51
22	06:21	18:38	19:08	06:00	06:05	18:23	18:53	05:44	06:23	18:41	19:13	06:02
23	06:19	18:40	20:30	06:14	06:03	18:24	20:17	05:57	06:21	18:43	20:38	06:14
24	06:16	18:41	21:52	06:30	06:01	18:26	21:40	06:11	06:19	18:45	22:02	06:27
25	06:14	18:43	23:12	06:48	05:58	18:28	23:02	06:28	06:16	18:47	23:24	06:44
26	06:12	18:45	—	07:12	05:56	18:30	—	06:50	06:14	18:48	—	07:05
27	06:10	18:46	00:27	07:44	05:53	18:31	00:19	07:19	06:11	18:50	00:42	07:34
28	06:07	18:48	01:34	08:25	05:51	18:33	01:27	08:00	06:09	18:52	01:50	08:15
29	06:05	18:50	02:28	09:18	05:49	18:35	02:22	08:53	06:07	18:54	02:45	09:08
30	06:03	18:51	03:10	10:22	05:46	18:37	03:03	09:57	06:04	18:56	03:25	10:12
31	06:01	18:53	03:41	11:31	05:44	18:39	03:32	11:08	06:02	18:57	03:54	11:24

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. März 32m.
Tagesl. am 1. März 10h58m, am 31. März 12h50m; somit Zunahme der Tagesl. im März 1h52m.

März 2027

	DRESDEN				FRANKFURT/M.				FREIBURG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	06:50	17:45	03:28	10:17	07:09	18:07	03:42	10:44	07:10	18:12	03:32	11:01
02	06:48	17:47	04:17	11:13	07:07	18:08	04:31	11:41	07:08	18:14	04:21	11:57
03	06:46	17:49	04:54	12:19	07:05	18:10	05:09	12:46	07:06	18:15	05:00	13:01
04	06:44	17:51	05:21	13:30	07:03	18:12	05:37	13:56	07:04	18:17	05:31	14:08
05	06:42	17:52	05:42	14:42	07:01	18:13	05:59	15:07	07:03	18:19	05:54	15:18
06	06:40	17:54	05:58	15:55	06:59	18:15	06:16	16:19	07:01	18:20	06:14	16:27
07	06:37	17:56	06:12	17:08	06:57	18:17	06:31	17:30	06:59	18:22	06:31	17:36
08	06:35	17:57	06:24	18:21	06:55	18:18	06:44	18:42	06:57	18:23	06:46	18:46
09	06:33	17:59	06:36	19:35	06:53	18:20	06:57	19:55	06:55	18:25	07:01	19:57
10	06:31	18:01	06:49	20:52	06:51	18:22	07:11	21:11	06:53	18:26	07:17	21:10
11	06:29	18:02	07:04	22:11	06:48	18:23	07:26	22:29	06:51	18:28	07:35	22:26
12	06:26	18:04	07:22	23:33	06:46	18:25	07:46	23:50	06:49	18:29	07:57	23:44
13	06:24	18:06	07:46	—	06:44	18:26	08:12	—	06:47	18:31	08:25	—
14	06:22	18:08	08:21	00:55	06:42	18:28	08:47	01:10	06:45	18:32	09:03	01:02
15	06:20	18:09	09:10	02:10	06:40	18:30	09:37	02:25	06:43	18:34	09:54	02:15
16	06:18	18:11	10:16	03:12	06:38	18:31	10:44	03:27	06:41	18:35	11:00	03:17
17	06:15	18:13	11:37	03:58	06:35	18:33	12:04	04:14	06:38	18:36	12:18	04:05
18	06:13	18:14	13:05	04:31	06:33	18:35	13:30	04:48	06:36	18:38	13:42	04:42
19	06:11	18:16	14:34	04:55	06:31	18:36	14:58	05:13	06:34	18:39	15:07	05:10
20	06:09	18:18	16:01	05:14	06:29	18:38	16:24	05:32	06:32	18:41	16:31	05:32
21	06:06	18:19	17:26	05:29	06:27	18:39	17:48	05:49	06:30	18:42	17:52	05:51
22	06:04	18:21	18:49	05:43	06:24	18:41	19:10	06:04	06:28	18:44	19:11	06:08
23	06:02	18:23	20:12	05:58	06:22	18:43	20:31	06:20	06:26	18:45	20:30	06:26
24	06:00	18:24	21:33	06:13	06:20	18:44	21:51	06:37	06:24	18:47	21:47	06:45
25	05:57	18:26	22:53	06:32	06:18	18:46	23:09	06:57	06:22	18:48	23:03	07:08
26	05:55	18:27	—	06:56	06:16	18:47	—	07:22	06:20	18:50	—	07:35
27	05:53	18:29	00:08	07:28	06:14	18:49	00:23	07:55	06:18	18:51	00:15	08:10
28	05:51	18:31	01:14	08:10	06:11	18:50	01:29	08:37	06:16	18:52	01:19	08:54
29	05:48	18:32	02:09	09:03	06:09	18:52	02:23	09:30	06:14	18:54	02:14	09:47
30	05:46	18:34	02:51	10:05	06:07	18:54	03:06	10:33	06:12	18:55	02:57	10:48
31	05:44	18:36	03:22	11:14	06:05	18:55	03:38	11:41	06:10	18:57	03:31	11:54

März 2027

	HAMBURG				HANNOVER				KÖLN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	07:09	17:57	04:03	10:12	07:08	18:00	03:54	10:23	07:17	18:13	03:55	10:46
02	07:06	17:59	04:51	11:10	07:06	18:01	04:43	11:21	07:15	18:14	04:44	11:43
03	07:04	18:01	05:26	12:18	07:04	18:03	05:18	12:28	07:13	18:16	05:21	12:48
04	07:02	18:03	05:50	13:32	07:01	18:05	05:44	13:40	07:11	18:18	05:48	13:59
05	06:59	18:05	06:08	14:48	06:59	18:07	06:03	14:54	07:09	18:19	06:09	15:11
06	06:57	18:07	06:21	16:04	06:57	18:09	06:18	16:09	07:07	18:21	06:25	16:24
07	06:55	18:09	06:32	17:20	06:55	18:11	06:30	17:23	07:04	18:23	06:39	17:37
08	06:52	18:10	06:41	18:36	06:52	18:12	06:41	18:38	07:02	18:25	06:52	18:49
09	06:50	18:12	06:50	19:54	06:50	18:14	06:52	19:53	07:00	18:26	07:04	20:04
10	06:48	18:14	07:00	21:13	06:48	18:16	07:03	21:12	06:58	18:28	07:16	21:20
11	06:45	18:16	07:12	22:37	06:45	18:18	07:16	22:33	06:56	18:30	07:31	22:40
12	06:43	18:18	07:27	—	06:43	18:20	07:33	23:57	06:54	18:31	07:50	—
13	06:40	18:20	07:48	00:02	06:41	18:21	07:56	—	06:51	18:33	08:14	00:01
14	06:38	18:22	08:19	01:28	06:39	18:23	08:28	01:20	06:49	18:35	08:49	01:23
15	06:36	18:24	09:06	02:45	06:36	18:25	09:17	02:37	06:47	18:36	09:39	02:38
16	06:33	18:25	10:13	03:47	06:34	18:27	10:23	03:38	06:45	18:38	10:45	03:39
17	06:31	18:27	11:37	04:30	06:32	18:28	11:46	04:23	06:42	18:40	12:06	04:26
18	06:28	18:29	13:09	04:59	06:29	18:30	13:16	04:54	06:40	18:41	13:34	04:58
19	06:26	18:31	14:42	05:19	06:27	18:32	14:47	05:16	06:38	18:43	15:03	05:22
20	06:23	18:33	16:13	05:34	06:24	18:34	16:16	05:33	06:36	18:45	16:30	05:41
21	06:21	18:35	17:42	05:46	06:22	18:35	17:43	05:46	06:33	18:46	17:55	05:56
22	06:18	18:37	19:08	05:57	06:20	18:37	19:08	05:59	06:31	18:48	19:18	06:11
23	06:16	18:38	20:34	06:09	06:17	18:39	20:32	06:12	06:29	18:50	20:40	06:25
24	06:14	18:40	21:59	06:21	06:15	18:41	21:55	06:26	06:27	18:51	22:01	06:41
25	06:11	18:42	23:22	06:37	06:13	18:43	23:16	06:43	06:24	18:53	23:21	07:00
26	06:09	18:44	—	06:57	06:10	18:44	—	07:05	06:22	18:55	—	07:25
27	06:06	18:46	00:41	07:26	06:08	18:46	00:33	07:35	06:20	18:56	00:36	07:56
28	06:04	18:48	01:49	08:06	06:06	18:48	01:41	08:16	06:18	18:58	01:42	08:39
29	06:01	18:49	02:44	08:59	06:03	18:49	02:35	09:10	06:15	19:00	02:36	09:32
30	05:59	18:51	03:24	10:04	06:01	18:51	03:16	10:13	06:13	19:01	03:18	10:35
31	05:57	18:53	03:52	11:16	05:59	18:53	03:46	11:24	06:11	19:03	03:49	11:43

März 2027

	LEIPZIG				MÜNCHEN				NÜRNBERG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	06:56	17:50	03:35	10:20	06:56	17:57	03:17	10:45	06:59	17:58	03:28	10:39
02	06:54	17:52	04:24	11:17	06:54	17:59	04:07	11:41	06:57	18:00	04:17	11:35
03	06:52	17:54	05:01	12:23	06:52	18:00	04:46	12:45	06:55	18:01	04:55	12:40
04	06:50	17:56	05:28	13:34	06:50	18:02	05:16	13:52	06:53	18:03	05:24	13:49
05	06:48	17:57	05:49	14:47	06:48	18:03	05:40	15:01	06:51	18:04	05:47	14:59
06	06:45	17:59	06:05	16:00	06:46	18:05	05:59	16:11	06:49	18:06	06:05	16:10
07	06:43	18:01	06:18	17:13	06:44	18:07	06:16	17:21	06:47	18:08	06:20	17:21
08	06:41	18:03	06:30	18:27	06:42	18:08	06:31	18:30	06:45	18:09	06:34	18:32
09	06:39	18:04	06:42	19:41	06:40	18:10	06:46	19:42	06:43	18:11	06:48	19:45
10	06:37	18:06	06:54	20:58	06:38	18:11	07:02	20:55	06:41	18:12	07:02	20:59
11	06:34	18:08	07:08	22:18	06:36	18:13	07:19	22:11	06:38	18:14	07:18	22:17
12	06:32	18:09	07:26	23:41	06:34	18:14	07:41	23:29	06:36	18:16	07:39	23:37
13	06:30	18:11	07:50	—	06:32	18:16	08:09	—	06:34	18:17	08:05	—
14	06:28	18:13	08:25	01:02	06:30	18:17	08:47	00:47	06:32	18:19	08:41	00:57
15	06:25	18:15	09:13	02:18	06:28	18:19	09:38	02:00	06:30	18:20	09:32	02:10
16	06:23	18:16	10:20	03:20	06:26	18:20	10:44	03:02	06:28	18:22	10:38	03:12
17	06:21	18:18	11:41	04:06	06:24	18:22	12:02	03:51	06:26	18:23	11:57	04:00
18	06:19	18:20	13:09	04:38	06:22	18:23	13:26	04:27	06:24	18:25	13:23	04:35
19	06:16	18:21	14:39	05:02	06:19	18:24	14:51	04:55	06:21	18:27	14:50	05:01
20	06:14	18:23	16:07	05:20	06:17	18:26	16:15	05:17	06:19	18:28	16:15	05:21
21	06:12	18:25	17:32	05:35	06:15	18:27	17:36	05:36	06:17	18:30	17:38	05:39
22	06:09	18:26	18:55	05:49	06:13	18:29	18:56	05:53	06:15	18:31	18:59	05:55
23	06:07	18:28	20:18	06:03	06:11	18:30	20:14	06:11	06:13	18:33	20:19	06:11
24	06:05	18:30	21:40	06:18	06:09	18:32	21:32	06:30	06:11	18:34	21:39	06:29
25	06:03	18:31	23:00	06:37	06:07	18:33	22:48	06:52	06:09	18:36	22:56	06:49
26	06:00	18:33	—	07:00	06:05	18:35	—	07:19	06:06	18:37	—	07:15
27	05:58	18:35	00:15	07:32	06:03	18:36	00:00	07:54	06:04	18:39	00:09	07:49
28	05:56	18:36	01:22	08:13	06:01	18:38	01:05	08:38	06:02	18:40	01:15	08:32
29	05:54	18:38	02:17	09:06	05:59	18:39	01:59	09:31	06:00	18:42	02:09	09:25
30	05:51	18:40	02:59	10:09	05:57	18:41	02:42	10:32	05:58	18:44	02:52	10:26
31	05:49	18:41	03:29	11:19	05:55	18:42	03:16	11:38	05:56	18:45	03:25	11:34

März 2027

	ROSTOCK				SAARBRÜCKEN				STUTT GART			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	07:01	17:48	03:59	09:58	07:15	18:14	03:43	10:57	07:06	18:06	03:31	10:51
02	06:59	17:50	04:47	10:57	07:13	18:16	04:32	11:54	07:04	18:08	04:20	11:47
03	06:56	17:52	05:21	12:05	07:11	18:18	05:10	12:58	07:02	18:09	04:59	12:51
04	06:54	17:54	05:45	13:20	07:09	18:19	05:40	14:07	07:00	18:11	05:29	13:59
05	06:51	17:56	06:01	14:37	07:07	18:21	06:02	15:17	06:58	18:13	05:52	15:09
06	06:49	17:58	06:14	15:54	07:05	18:22	06:21	16:28	06:56	18:14	06:11	16:20
07	06:47	17:59	06:24	17:10	07:03	18:24	06:36	17:39	06:54	18:16	06:27	17:30
08	06:44	18:01	06:33	18:27	07:01	18:26	06:50	18:50	06:52	18:17	06:41	18:40
09	06:42	18:03	06:41	19:45	06:59	18:27	07:04	20:02	06:50	18:19	06:55	19:52
10	06:39	18:05	06:51	21:06	06:57	18:29	07:19	21:16	06:48	18:20	07:11	21:06
11	06:37	18:07	07:01	22:30	06:55	18:30	07:35	22:34	06:46	18:22	07:28	22:23
12	06:34	18:09	07:16	23:56	06:53	18:32	07:56	23:53	06:44	18:23	07:49	23:42
13	06:32	18:11	07:36	—	06:51	18:34	08:23	—	06:42	18:25	08:16	—
14	06:30	18:13	08:06	01:23	06:48	18:35	09:00	01:13	06:40	18:26	08:53	01:01
15	06:27	18:15	08:52	02:41	06:46	18:37	09:50	02:26	06:37	18:28	09:44	02:14
16	06:25	18:17	09:59	03:43	06:44	18:38	10:56	03:28	06:35	18:30	10:50	03:16
17	06:22	18:19	11:24	04:25	06:42	18:40	12:15	04:16	06:33	18:31	12:09	04:04
18	06:20	18:21	12:57	04:54	06:40	18:41	13:41	04:51	06:31	18:33	13:34	04:40
19	06:17	18:22	14:31	05:13	06:38	18:43	15:08	05:17	06:29	18:34	15:00	05:07
20	06:15	18:24	16:03	05:27	06:36	18:44	16:33	05:38	06:27	18:36	16:24	05:28
21	06:12	18:26	17:32	05:38	06:34	18:46	17:55	05:55	06:25	18:37	17:46	05:46
22	06:10	18:28	19:00	05:49	06:31	18:48	19:16	06:11	06:23	18:39	19:06	06:03
23	06:07	18:30	20:26	05:59	06:29	18:49	20:36	06:28	06:21	18:40	20:26	06:20
24	06:05	18:32	21:52	06:11	06:27	18:51	21:55	06:46	06:19	18:42	21:44	06:38
25	06:02	18:34	23:16	06:25	06:25	18:52	23:12	07:07	06:16	18:43	23:01	07:00
26	06:00	18:36	—	06:45	06:23	18:54	—	07:33	06:14	18:45	—	07:26
27	05:57	18:38	00:36	07:13	06:21	18:55	00:25	08:07	06:12	18:46	00:13	08:00
28	05:55	18:39	01:45	07:52	06:19	18:57	01:30	08:50	06:10	18:48	01:18	08:44
29	05:53	18:41	02:40	08:45	06:16	18:58	02:25	09:43	06:08	18:49	02:13	09:37
30	05:50	18:43	03:20	09:51	06:14	19:00	03:07	10:45	06:06	18:51	02:56	10:38
31	05:48	18:45	03:47	11:03	06:12	19:01	03:40	11:52	06:04	18:52	03:29	11:45

APRIL 2027

HAUPTKALENDARIUM

Datum	Jahres- tag	Kalen- der- wo- che	Sonn- und Feiertage	Son- nen- lauf	Mondlauf		
					Phase	Länge im Tierkreis	Mondwenden Entfernung Mondknoten
01 Do	091					≈ 02°	
02 Fr	092					≈ 14°	Ω
03 Sa	093					≈ 26°	
04 So	094		Quasimodogeniti			♋ 08°	
05 Mo	095	14				♋ 21°	
06 Di	096					♌ 03°	
07 Mi	097			●		♌ 16°	
08 Do	098					♌ 30°	
09 Fr	099					♍ 14°	
10 Sa	100					♍ 27°	
11 So	101		Misericordias Domini			♎ 11°	Nordw.
12 Mo	102	15				♎ 26°	
13 Di	103			● 1)		♏ 10°	
14 Mi	104					♏ 24°	Erdnähe
15 Do	105					♏ 08°	♃
16 Fr	106					♏ 22°	
17 Sa	107					♏ 06°	
18 So	108		Jubilate			♏ 20°	
19 Mo	109	16		♃*)		♏ 04°	
20 Di	110				○ 1)	♏ 17°	
21 Mi	111					♏ 01°	
22 Do	112					♏ 14°	
23 Fr	113					♏ 27°	
24 Sa	114					♏ 10°	
25 So	115		Kantate			♏ 22°	Südw.
26 Mo	116	17				♏ 04°	
27 Di	117					♏ 16°	Erdferne
28 Mi	118			●		♏ 28°	
29 Do	119					≈ 10°	Ω
30 Fr	120					≈ 22°	

*) Am 20. April um 08:18 Uhr MEZ tritt die Sonne ins Zeichen Stier (♉)

1) Am nächsten Tag unter Berücksichtigung der Sommerzeit.

April 2027

	KASSEL				BERLIN				BREMEN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	05:58	18:55	04:04	12:43	05:42	18:40	03:54	12:21	05:59	18:59	04:15	12:38
02	05:56	18:56	04:21	13:55	05:39	18:42	04:10	13:35	05:57	19:01	04:30	13:53
03	05:54	18:58	04:36	15:08	05:37	18:44	04:23	14:50	05:55	19:03	04:43	15:08
04	05:52	19:00	04:49	16:21	05:35	18:46	04:34	16:04	05:52	19:04	04:53	16:23
05	05:49	19:01	05:01	17:36	05:32	18:47	04:45	17:20	05:50	19:06	05:03	17:40
06	05:47	19:03	05:13	18:52	05:30	18:49	04:56	18:38	05:48	19:08	05:14	18:59
07	05:45	19:05	05:27	20:13	05:28	18:51	05:09	20:00	05:45	19:10	05:26	20:21
08	05:43	19:06	05:44	21:36	05:25	18:53	05:24	21:25	05:43	19:12	05:41	21:47
09	05:41	19:08	06:07	23:00	05:23	18:54	05:45	22:51	05:41	19:13	06:01	23:14
10	05:38	19:10	06:38	—	05:21	18:56	06:15	—	05:38	19:15	06:30	—
11	05:36	19:11	07:23	00:19	05:19	18:58	06:58	00:11	05:36	19:17	07:13	00:35
12	05:34	19:13	08:25	01:26	05:16	19:00	08:00	01:19	05:34	19:19	08:14	01:42
13	05:32	19:15	09:42	02:16	05:14	19:01	09:17	02:08	05:31	19:21	09:33	02:31
14	05:30	19:16	11:07	02:52	05:12	19:03	10:44	02:43	05:29	19:22	11:01	03:04
15	05:27	19:18	12:34	03:18	05:10	19:05	12:13	03:07	05:27	19:24	12:31	03:27
16	05:25	19:19	14:00	03:37	05:07	19:06	13:41	03:24	05:24	19:26	13:59	03:44
17	05:23	19:21	15:23	03:53	05:05	19:08	15:06	03:38	05:22	19:28	15:25	03:58
18	05:21	19:23	16:45	04:06	05:03	19:10	16:29	03:51	05:20	19:30	16:49	04:09
19	05:19	19:24	18:06	04:20	05:01	19:12	17:52	04:03	05:18	19:31	18:12	04:21
20	05:17	19:26	19:27	04:35	04:59	19:13	19:15	04:16	05:15	19:33	19:36	04:34
21	05:15	19:28	20:48	04:52	04:56	19:15	20:37	04:32	05:13	19:35	20:59	04:48
22	05:13	19:29	22:05	05:14	04:54	19:17	21:56	04:52	05:11	19:37	22:19	05:07
23	05:11	19:31	23:17	05:42	04:52	19:19	23:09	05:18	05:09	19:39	23:32	05:33
24	05:09	19:33	—	06:20	04:50	19:20	—	05:55	05:07	19:40	—	06:09
25	05:07	19:34	00:17	07:09	04:48	19:22	00:10	06:43	05:05	19:42	00:34	06:58
26	05:05	19:36	01:04	08:08	04:46	19:24	00:57	07:44	05:03	19:44	01:20	07:59
27	05:03	19:38	01:40	09:16	04:44	19:26	01:31	08:52	05:00	19:46	01:54	09:08
28	05:01	19:39	02:06	10:27	04:42	19:27	01:56	10:05	04:58	19:47	02:17	10:21
29	04:59	19:41	02:25	11:38	04:40	19:29	02:14	11:18	04:56	19:49	02:35	11:35
30	04:57	19:43	02:41	12:50	04:38	19:31	02:28	12:31	04:54	19:51	02:48	12:49

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Apr. 34m.
Tagesl. am 1. Apr. 12h54m, am 30. Apr. 14h38m; somit Zunahme der Tagesl. im Apr. 1h44m.

April 2027

	DRESDEN				FRANKFURT/M.				FREIBURG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	05:42	18:37	03:45	12:26	06:03	18:57	04:02	12:51	06:08	18:58	03:57	13:02
02	05:39	18:39	04:03	13:38	06:01	18:58	04:21	14:02	06:06	19:00	04:18	14:11
03	05:37	18:41	04:18	14:51	05:58	19:00	04:37	15:14	06:04	19:01	04:36	15:20
04	05:35	18:42	04:31	16:03	05:56	19:01	04:51	16:25	06:02	19:03	04:52	16:30
05	05:33	18:44	04:44	17:18	05:54	19:03	05:04	17:38	06:00	19:04	05:07	17:41
06	05:31	18:46	04:56	18:34	05:52	19:05	05:18	18:54	05:58	19:05	05:23	18:54
07	05:28	18:47	05:10	19:54	05:50	19:06	05:33	20:12	05:56	19:07	05:41	20:10
08	05:26	18:49	05:28	21:17	05:48	19:08	05:52	21:34	05:54	19:08	06:01	21:29
09	05:24	18:51	05:51	22:41	05:46	19:09	06:16	22:57	05:52	19:10	06:28	22:49
10	05:22	18:52	06:22	23:59	05:43	19:11	06:49	—	05:50	19:11	07:03	—
11	05:20	18:54	07:07	—	05:41	19:13	07:35	00:14	05:48	19:13	07:51	00:05
12	05:17	18:55	08:09	01:06	05:39	19:14	08:37	01:21	05:46	19:14	08:53	01:11
13	05:15	18:57	09:25	01:57	05:37	19:16	09:52	02:12	05:44	19:16	10:07	02:04
14	05:13	18:59	10:50	02:33	05:35	19:17	11:16	02:49	05:42	19:17	11:29	02:43
15	05:11	19:00	12:17	02:59	05:33	19:19	12:42	03:16	05:40	19:18	12:52	03:13
16	05:09	19:02	13:42	03:19	05:31	19:20	14:06	03:37	05:38	19:20	14:13	03:36
17	05:07	19:04	15:05	03:35	05:29	19:22	15:27	03:54	05:36	19:21	15:32	03:55
18	05:05	19:05	16:27	03:49	05:27	19:24	16:48	04:10	05:34	19:23	16:50	04:13
19	05:03	19:07	17:48	04:03	05:25	19:25	18:07	04:25	05:32	19:24	18:07	04:30
20	05:01	19:09	19:08	04:18	05:23	19:27	19:27	04:41	05:30	19:26	19:24	04:49
21	04:59	19:10	20:28	04:36	05:21	19:28	20:46	05:00	05:29	19:27	20:41	05:10
22	04:56	19:12	21:46	04:58	05:19	19:30	22:02	05:23	05:27	19:28	21:55	05:35
23	04:54	19:13	22:57	05:26	05:17	19:31	23:12	05:52	05:25	19:30	23:03	06:07
24	04:52	19:15	23:58	06:04	05:15	19:33	—	06:31	05:23	19:31	—	06:47
25	04:51	19:17	—	06:53	05:13	19:35	00:12	07:20	05:21	19:33	00:02	07:37
26	04:49	19:18	00:45	07:53	05:11	19:36	01:00	08:20	05:20	19:34	00:51	08:36
27	04:47	19:20	01:21	08:59	05:09	19:38	01:36	09:26	05:18	19:36	01:28	09:40
28	04:45	19:22	01:47	10:10	05:07	19:39	02:03	10:35	05:16	19:37	01:57	10:48
29	04:43	19:23	02:07	11:21	05:06	19:41	02:24	11:46	05:14	19:38	02:20	11:56
30	04:41	19:25	02:23	12:33	05:04	19:42	02:41	12:56	05:13	19:40	02:39	13:04

April 2027

	HAMBURG				HANNOVER				KÖLN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	05:54	18:55	04:12	12:31	05:56	18:55	04:08	12:37	06:09	19:04	04:12	12:55
02	05:52	18:57	04:27	13:46	05:54	18:56	04:24	13:51	06:07	19:06	04:31	14:07
03	05:49	18:59	04:39	15:02	05:52	18:58	04:37	15:05	06:04	19:08	04:45	15:19
04	05:47	19:00	04:49	16:18	05:49	19:00	04:49	16:19	06:02	19:09	04:58	16:32
05	05:45	19:02	04:59	17:35	05:47	19:02	05:00	17:35	06:00	19:11	05:11	17:46
06	05:42	19:04	05:09	18:55	05:45	19:03	05:11	18:53	05:58	19:13	05:24	19:02
07	05:40	19:06	05:20	20:18	05:43	19:05	05:24	20:15	05:56	19:14	05:38	20:22
08	05:37	19:08	05:34	21:45	05:40	19:07	05:39	21:40	05:53	19:16	05:56	21:45
09	05:35	19:10	05:53	23:12	05:38	19:09	06:01	23:05	05:51	19:17	06:19	23:08
10	05:33	19:11	06:22	—	05:36	19:10	06:31	—	05:49	19:19	06:51	—
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17	05:16	19:24	15:19	03:53	05:20	19:22	15:21	03:53	05:34	19:31	15:34	04:02
18	05:14	19:26	16:44	04:05	05:18	19:24	16:44	04:06	05:32	19:32	16:55	04:17
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20	05:10	19:30	19:32	04:28	05:13	19:28	19:29	04:31	05:28	19:35	19:37	04:46
21	05:07	19:31	20:56	04:42	05:11	19:29	20:52	04:47	05:26	19:37	20:57	05:04
22	05:05	19:33	22:17	05:00	05:09	19:31	22:11	05:07	05:24	19:39	22:14	05:26
23	05:03	19:35	23:31	05:25	05:07	19:33	23:23	05:34	05:22	19:40	23:25	05:54
24	05:01	19:37	—	06:01	05:05	19:35	—	06:11	05:20	19:42	—	06:33
25	04:59	19:39	00:33	06:49	05:03	19:36	00:24	07:00	05:18	19:44	00:25	07:22
26	04:56	19:41	01:19	07:50	05:01	19:38	01:11	08:00	05:16	19:45	01:12	08:22
27	04:54	19:42	01:52	09:00	04:59	19:40	01:45	09:08	05:14	19:47	01:48	09:29
28	04:52	19:44	02:15	10:13	04:57	19:42	02:10	10:21	05:12	19:48	02:14	10:39
29	04:50	19:46	02:32	11:28	04:55	19:43	02:28	11:34	05:10	19:50	02:34	11:50
30	04:48	19:48	02:45	12:43	04:53	19:45	02:43	12:47	05:08	19:52	02:50	13:02

April 2027

	LEIPZIG				MÜNCHEN				NÜRNBERG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	05:47	18:43	03:52	12:31	05:53	18:43	03:42	12:46	05:54	18:47	03:50	12:44
02	05:45	18:45	04:10	13:43	05:51	18:45	04:03	13:55	05:52	18:48	04:09	13:54
03	05:42	18:46	04:24	14:56	05:49	18:46	04:21	15:05	05:49	18:50	04:26	15:05
04	05:40	18:48	04:37	16:09	05:47	18:48	04:37	16:14	05:47	18:51	04:40	16:16
05	05:38	18:50	04:49	17:23	05:45	18:49	04:52	17:25	05:45	18:53	04:54	17:28
06	05:36	18:51	05:01	18:40	05:43	18:51	05:08	18:38	05:43	18:54	05:09	18:43
07	05:33	18:53	05:15	20:01	05:41	18:52	05:25	19:55	05:41	18:56	05:25	20:00
08	05:31	18:55	05:32	21:24	05:39	18:54	05:46	21:14	05:39	18:57	05:44	21:21
09	05:29	18:56	05:55	22:48	05:37	18:55	06:12	22:34	05:37	18:59	06:09	22:43
10	05:27	18:58	06:26	—	05:35	18:57	06:47	23:50	05:35	19:00	06:43	—
11	05:25	19:00	07:11	00:07	05:33	18:58	07:35	—	05:33	19:02	07:29	00:00
12	05:22	19:01	08:13	01:14	05:31	18:59	08:37	00:56	05:31	19:03	08:31	01:07
13	05:20	19:03	09:29	02:04	05:29	19:01	09:51	01:49	05:29	19:05	09:46	01:58
14	05:18	19:05	10:55	02:40	05:27	19:02	11:12	02:28	05:27	19:06	11:09	02:36
15	05:16	19:06	12:22	03:06	05:25	19:04	12:35	02:58	05:25	19:08	12:34	03:04
16	05:14	19:08	13:48	03:25	05:23	19:05	13:57	03:21	05:23	19:10	13:57	03:26
17	05:12	19:10	15:11	03:41	05:21	19:07	15:16	03:40	05:21	19:11	15:18	03:44
18	05:10	19:11	16:33	03:55	05:19	19:08	16:34	03:58	05:19	19:13	16:37	04:00
19	05:07	19:13	17:54	04:09	05:17	19:10	17:52	04:15	05:17	19:14	17:56	04:16
20	05:05	19:15	19:15	04:23	05:15	19:11	19:09	04:33	05:15	19:16	19:15	04:33
21	05:03	19:16	20:36	04:40	05:13	19:12	20:26	04:54	05:13	19:17	20:33	04:52
22	05:01	19:18	21:54	05:02	05:12	19:14	21:40	05:19	05:11	19:19	21:49	05:16
23	04:59	19:20	23:05	05:30	05:10	19:15	22:48	05:51	05:09	19:20	22:58	05:46
24	04:57	19:21	—	06:08	05:08	19:17	23:48	06:31	05:07	19:22	23:58	06:25
25	04:55	19:23	00:05	06:57	05:06	19:18	—	07:21	05:05	19:23	—	07:15
26	04:53	19:25	00:53	07:56	05:04	19:20	00:36	08:19	05:03	19:25	00:46	08:14
27	04:51	19:26	01:28	09:04	05:03	19:21	01:14	09:24	05:01	19:26	01:23	09:19
28	04:49	19:28	01:54	10:14	05:01	19:22	01:43	10:31	05:00	19:28	01:51	10:28
29	04:47	19:30	02:14	11:26	04:59	19:24	02:06	11:40	04:58	19:29	02:12	11:38
30	04:45	19:31	02:29	12:38	04:58	19:25	02:25	12:48	04:56	19:31	02:30	12:48

April 2027

	ROSTOCK				SAARBRÜCKEN				STUTT GART			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	05:45	18:47	04:06	12:19	06:10	19:03	04:05	13:02	06:02	18:54	03:55	12:54
02	05:43	18:49	04:21	13:36	06:08	19:04	04:25	14:12	06:00	18:55	04:15	14:04
03	05:40	18:51	04:32	14:52	06:06	19:06	04:42	15:22	05:58	18:57	04:32	15:14
04	05:38	18:53	04:41	16:08	06:04	19:07	04:57	16:33	05:56	18:58	04:47	16:24
05	05:35	18:54	04:50	17:26	06:02	19:09	05:11	17:45	05:54	19:00	05:02	17:36
06	05:33	18:56	04:59	18:47	06:00	19:10	05:25	18:59	05:52	19:01	05:17	18:50
07	05:30	18:58	05:10	20:11	05:58	19:12	05:42	20:17	05:49	19:03	05:34	20:07
08	05:28	19:00	05:23	21:38	05:56	19:13	06:01	21:38	05:47	19:04	05:54	21:27
09	05:26	19:02	05:42	23:07	05:53	19:15	06:26	22:59	05:45	19:05	06:19	22:47
10	05:23	19:04	06:09	—	05:51	19:16	07:01	—	05:43	19:07	06:54	—
11	05:21	19:06	06:51	00:29	05:49	19:18	07:47	00:16	05:41	19:08	07:41	00:04
12	05:18	19:07	07:52	01:37	05:47	19:19	08:49	01:22	05:39	19:10	08:43	01:10
13	05:16	19:09	09:11	02:25	05:45	19:21	10:05	02:14	05:37	19:11	09:58	02:02
14	05:14	19:11	10:41	02:57	05:43	19:22	11:27	02:52	05:35	19:13	11:20	02:41
15	05:11	19:13	12:13	03:18	05:41	19:24	12:52	03:20	05:33	19:14	12:44	03:10
16	05:09	19:15	13:43	03:34	05:39	19:26	14:14	03:42	05:31	19:16	14:06	03:32
17	05:07	19:17	15:10	03:46	05:37	19:27	15:35	04:00	05:29	19:17	15:26	03:51
18	05:04	19:19	16:35	03:56	05:35	19:29	16:54	04:17	05:27	19:19	16:45	04:08
19	05:02	19:21	18:00	04:06	05:33	19:30	18:13	04:33	05:26	19:20	18:03	04:24
20	05:00	19:22	19:25	04:17	05:31	19:32	19:31	04:50	05:24	19:22	19:21	04:42
21	04:57	19:24	20:50	04:31	05:30	19:33	20:49	05:09	05:22	19:23	20:38	05:02
22	04:55	19:26	22:12	04:49	05:28	19:35	22:05	05:33	05:20	19:25	21:53	05:26
23	04:53	19:28	23:27	05:13	05:26	19:36	23:14	06:04	05:18	19:26	23:02	05:57
24	04:51	19:30	—	05:47	05:24	19:38	—	06:43	05:16	19:28	—	06:37
25	04:48	19:32	00:29	06:35	05:22	19:39	00:13	07:33	05:14	19:29	00:02	07:27
26	04:46	19:34	01:15	07:37	05:20	19:41	01:01	08:32	05:12	19:31	00:50	08:26
27	04:44	19:36	01:47	08:47	05:18	19:42	01:38	09:38	05:11	19:32	01:27	09:31
28	04:42	19:37	02:09	10:02	05:16	19:44	02:06	10:46	05:09	19:34	01:55	10:39
29	04:40	19:39	02:26	11:17	05:15	19:45	02:28	11:56	05:07	19:35	02:18	11:48
30	04:38	19:41	02:38	12:32	05:13	19:47	02:46	13:05	05:05	19:37	02:36	12:57

MAI 2027

HAUPTKALENDARIUM

Datum	Jahres- tag	Kalen- der- wo- che	Sonn- und Feiertage	Son- nen- lauf	Mondlauf		
					Phase	Länge im Tierkreis	Mondwenden Entfernung Mondknoten
01 Sa	121		Maifeiertag		☾	04°	
02 So	122		Rogate		☾	16°	
03 Mo	123	18	Christi Himmelfahrt	●	☾	29°	
04 Di	124				♄	12°	
05 Mi	125				♄	25°	
06 Do	126				♄	09°	
07 Fr	127				♄	23°	
08 Sa	128				♄	07°	
09 So	129		Exaudi 1)		♄	22°	Nordw., Erdnähe
10 Mo	130	19	Quatemberwoche	●	♁	06°	♁
11 Di	131				♁	20°	
12 Mi	132				♁	05°	
13 Do	133				♁	19°	
14 Fr	134				♁	03°	
15 Sa	135				♁	17°	
16 So	136		Pfingstsonntag		♁	00°	
17 Mo	137	20	Pfingstmontag	○	♁	14°	Südsw.
18 Di	138				♁	27°	
19 Mi	139				♁	10°	
20 Do	140				♁	23°	
21 Fr	141				♁	06°	
22 Sa	142				♁	18°	
23 So	143		Trinitatis		♁	00°	
24 Mo	144	21	Fronleichnam	●	♁	12°	Erdferne ♁
25 Di	145				♁	24°	
26 Mi	146				♁	06°	
27 Do	147				♁	18°	
28 Fr	148				♁	30°	
29 Sa	149				☾	12°	
30 So	150		1. So. nach Trinitatis		☾	24°	
31 Mo	151	22			♄	07°	

*) Am 21. Mai um 07:18 Uhr MEZ tritt die Sonne ins Zeichen Zwillinge (♊)

1) Muttertag; Europatag

Mai 2027

	KASSEL				BERLIN				BREMEN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	04:55	19:44	02:54	14:02	04:36	19:33	02:40	13:44	04:52	19:53	03:00	14:03
02	04:53	19:46	03:06	15:15	04:34	19:34	02:51	14:59	04:50	19:55	03:10	15:18
03	04:51	19:48	03:19	16:30	04:32	19:36	03:02	16:15	04:48	19:56	03:20	16:35
04	04:50	19:49	03:32	17:49	04:30	19:38	03:14	17:36	04:46	19:58	03:32	17:56
05	04:48	19:51	03:48	19:12	04:28	19:39	03:29	19:00	04:44	20:00	03:46	19:22
06	04:46	19:52	04:09	20:37	04:26	19:41	03:48	20:27	04:43	20:01	04:04	20:50
07	04:44	19:54	04:37	22:01	04:24	19:43	04:14	21:53	04:41	20:03	04:30	22:16
08	04:43	19:55	05:18	23:14	04:23	19:44	04:54	23:07	04:39	20:05	05:08	23:31
09	04:41	19:57	06:15	—	04:21	19:46	05:50	—	04:37	20:07	06:05	—
10	04:39	19:59	07:30	00:12	04:19	19:48	07:05	00:04	04:35	20:08	07:20	00:27
11	04:38	20:00	08:54	00:53	04:17	19:49	08:31	00:44	04:33	20:10	08:48	01:06
12	04:36	20:02	10:22	01:21	04:16	19:51	10:01	01:11	04:32	20:12	10:18	01:32
13	04:35	20:03	11:48	01:43	04:14	19:53	11:29	01:30	04:30	20:13	11:47	01:51
14	04:33	20:05	13:11	01:59	04:13	19:54	12:53	01:46	04:28	20:15	13:12	02:05
15	04:31	20:06	14:31	02:14	04:11	19:56	14:15	01:58	04:27	20:17	14:35	02:17
16	04:30	20:08	15:51	02:27	04:09	19:57	15:36	02:11	04:25	20:18	15:56	02:29
17	04:29	20:09	17:10	02:41	04:08	19:59	16:57	02:23	04:24	20:20	17:18	02:41
18	04:27	20:11	18:29	02:57	04:06	20:00	18:18	02:38	04:22	20:21	18:40	02:54
19	04:26	20:12	19:47	03:17	04:05	20:02	19:38	02:56	04:21	20:23	20:00	03:12
20	04:24	20:13	21:01	03:42	04:04	20:03	20:53	03:20	04:19	20:24	21:16	03:35
21	04:23	20:15	22:05	04:16	04:02	20:05	21:58	03:52	04:18	20:26	22:22	04:07
22	04:22	20:16	22:58	05:01	04:01	20:06	22:51	04:36	04:16	20:27	23:14	04:50
23	04:21	20:18	23:38	05:57	04:00	20:08	23:30	05:32	04:15	20:29	23:52	05:47
24	04:20	20:19	—	07:02	03:58	20:09	23:57	06:38	04:14	20:30	—	06:54
25	04:18	20:20	00:07	08:12	03:57	20:11	—	07:50	04:13	20:32	00:19	08:06
26	04:17	20:21	00:28	09:23	03:56	20:12	00:18	09:02	04:11	20:33	00:39	09:19
27	04:16	20:23	00:45	10:35	03:55	20:13	00:33	10:15	04:10	20:34	00:54	10:33
28	04:15	20:24	00:59	11:45	03:54	20:14	00:46	11:27	04:09	20:36	01:06	11:45
29	04:14	20:25	01:12	12:56	03:53	20:16	00:57	12:39	04:08	20:37	01:16	12:58
30	04:13	20:26	01:24	14:09	03:52	20:17	01:08	13:53	04:07	20:38	01:26	14:13
31	04:13	20:27	01:37	15:24	03:51	20:18	01:19	15:10	04:06	20:40	01:37	15:31

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Mai 40m.
Tagesl. am 1. Mai 14h41m, am 31. Mai 16h02m; somit Zunahme der Tagesl. im Mai 1h21m.

Mai 2027

	DRESDEN				FRANKFURT/M.				FREIBURG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	04:39	19:26	02:37	13:45	05:02	19:44	02:56	14:07	05:11	19:41	02:56	14:12
02	04:37	19:28	02:49	14:57	05:00	19:45	03:09	15:18	05:09	19:43	03:12	15:22
03	04:35	19:30	03:02	16:12	04:58	19:47	03:23	16:32	05:08	19:44	03:27	16:33
04	04:34	19:31	03:15	17:30	04:57	19:49	03:37	17:49	05:06	19:46	03:44	17:48
05	04:32	19:33	03:32	18:53	04:55	19:50	03:55	19:11	05:05	19:47	04:04	19:07
06	04:30	19:34	03:53	20:18	04:53	19:52	04:17	20:34	05:03	19:48	04:28	20:28
07	04:28	19:36	04:21	21:41	04:52	19:53	04:47	21:57	05:02	19:50	05:01	21:48
08	04:27	19:38	05:02	22:55	04:50	19:55	05:29	23:10	05:00	19:51	05:45	23:00
09	04:25	19:39	06:00	23:53	04:48	19:56	06:27	—	04:59	19:52	06:44	23:59
10	04:23	19:41	07:13	—	04:47	19:58	07:41	00:07	04:57	19:54	07:56	—
11	04:22	19:42	08:38	00:34	04:45	19:59	09:04	00:50	04:56	19:55	09:17	00:43
12	04:20	19:44	10:05	01:03	04:44	20:00	10:30	01:20	04:54	19:56	10:41	01:16
13	04:19	19:45	11:31	01:25	04:42	20:02	11:54	01:43	04:53	19:58	12:02	01:41
14	04:17	19:47	12:53	01:42	04:41	20:03	13:16	02:01	04:52	19:59	13:21	02:01
15	04:16	19:48	14:13	01:56	04:39	20:05	14:35	02:16	04:50	20:00	14:38	02:19
16	04:14	19:50	15:33	02:10	04:38	20:06	15:53	02:31	04:49	20:02	15:53	02:36
17	04:13	19:51	16:51	02:25	04:37	20:08	17:10	02:47	04:48	20:03	17:09	02:54
18	04:11	19:53	18:10	02:41	04:35	20:09	18:28	03:04	04:47	20:04	18:24	03:13
19	04:10	19:54	19:28	03:01	04:34	20:10	19:45	03:25	04:46	20:05	19:38	03:37
20	04:09	19:55	20:41	03:26	04:33	20:12	20:57	03:52	04:44	20:07	20:48	04:06
21	04:07	19:57	21:46	04:00	04:32	20:13	22:01	04:27	04:43	20:08	21:51	04:43
22	04:06	19:58	22:39	04:45	04:30	20:14	22:53	05:13	04:42	20:09	22:44	05:29
23	04:05	19:59	23:18	05:41	04:29	20:15	23:34	06:09	04:41	20:10	23:25	06:25
24	04:04	20:01	23:48	06:46	04:28	20:17	—	07:13	04:40	20:11	23:57	07:28
25	04:03	20:02	—	07:56	04:27	20:18	00:04	08:21	04:39	20:12	—	08:34
26	04:02	20:03	00:10	09:07	04:26	20:19	00:27	09:31	04:38	20:14	00:23	09:42
27	04:01	20:04	00:28	10:17	04:25	20:20	00:45	10:41	04:37	20:15	00:43	10:50
28	04:00	20:06	00:42	11:28	04:24	20:22	01:00	11:50	04:37	20:16	01:00	11:57
29	03:59	20:07	00:55	12:38	04:23	20:23	01:14	13:00	04:36	20:17	01:16	13:04
30	03:58	20:08	01:07	13:51	04:22	20:24	01:27	14:11	04:35	20:18	01:31	14:13
31	03:57	20:09	01:20	15:06	04:22	20:25	01:41	15:25	04:34	20:19	01:47	15:25

Mai 2027

	HAMBURG				HANNOVER				KÖLN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	04:46	19:50	02:56	13:57	04:51	19:47	02:55	14:00	05:06	19:53	03:04	14:13
02	04:44	19:51	03:06	15:13	04:49	19:48	03:06	15:14	05:05	19:55	03:16	15:26
03	04:42	19:53	03:15	16:31	04:47	19:50	03:17	16:30	05:03	19:56	03:29	16:40
04	04:40	19:55	03:26	17:53	04:45	19:52	03:29	17:51	05:01	19:58	03:43	17:59
05	04:38	19:57	03:39	19:19	04:43	19:53	03:44	19:15	04:59	20:00	03:59	19:21
06	04:36	19:59	03:57	20:48	04:41	19:55	04:03	20:42	04:57	20:01	04:21	20:46
07	04:34	20:00	04:22	22:14	04:40	19:57	04:30	22:07	04:56	20:03	04:50	22:09
08	04:32	20:02	05:00	23:30	04:38	19:58	05:10	23:21	04:54	20:04	05:31	23:22
09	04:30	20:04	05:56	—	04:36	20:00	06:07	—	04:52	20:06	06:29	—
10	04:29	20:06	07:12	00:26	04:34	20:02	07:22	00:18	04:51	20:07	07:43	00:20
11	04:27	20:07	08:40	01:04	04:33	20:03	08:48	00:58	04:49	20:09	09:07	01:01
12	04:25	20:09	10:11	01:29	04:31	20:05	10:17	01:25	04:48	20:10	10:34	01:30
13	04:23	20:11	11:40	01:47	04:29	20:07	11:44	01:45	04:46	20:12	12:00	01:52
14	04:22	20:12	13:06	02:01	04:28	20:08	13:09	02:00	04:45	20:13	13:22	02:09
15	04:20	20:14	14:30	02:12	04:26	20:10	14:31	02:13	04:43	20:15	14:42	02:24
16	04:18	20:16	15:52	02:23	04:25	20:11	15:51	02:25	04:42	20:16	16:01	02:38
17	04:17	20:17	17:14	02:35	04:23	20:13	17:12	02:38	04:40	20:18	17:20	02:52
18	04:15	20:19	18:37	02:48	04:22	20:14	18:33	02:53	04:39	20:19	18:39	03:09
19	04:14	20:20	19:58	03:05	04:20	20:16	19:52	03:11	04:38	20:21	19:56	03:29
20	04:12	20:22	21:14	03:27	04:19	20:17	21:07	03:35	04:36	20:22	21:09	03:55
21	04:11	20:24	22:21	03:58	04:17	20:19	22:12	04:08	04:35	20:23	22:13	04:29
22	04:09	20:25	23:13	04:42	04:16	20:20	23:05	04:52	04:34	20:25	23:06	05:14
23	04:08	20:27	23:51	05:38	04:15	20:22	23:43	05:49	04:33	20:26	23:46	06:10
24	04:07	20:28	—	06:45	04:14	20:23	—	06:55	04:31	20:27	—	07:15
25	04:05	20:29	00:17	07:58	04:12	20:24	00:11	08:06	04:30	20:29	00:15	08:25
26	04:04	20:31	00:36	09:12	04:11	20:26	00:32	09:18	04:29	20:30	00:37	09:36
27	04:03	20:32	00:50	10:26	04:10	20:27	00:48	10:31	04:28	20:31	00:55	10:46
28	04:02	20:34	01:02	11:40	04:09	20:28	01:01	11:43	04:27	20:32	01:09	11:56
29	04:01	20:35	01:12	12:53	04:08	20:30	01:12	12:55	04:26	20:34	01:22	13:07
30	04:00	20:36	01:22	14:08	04:07	20:31	01:23	14:08	04:25	20:35	01:34	14:19
31	03:59	20:37	01:32	15:27	04:06	20:32	01:34	15:25	04:25	20:36	01:47	15:34

Mai 2027

	LEIPZIG				MÜNCHEN				NÜRNBERG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	04:44	19:33	02:43	13:50	04:56	19:27	02:41	13:57	04:54	19:32	02:45	13:57
02	04:42	19:34	02:55	15:03	04:54	19:28	02:57	15:06	04:53	19:34	02:59	15:08
03	04:40	19:36	03:07	16:18	04:53	19:30	03:12	16:18	04:51	19:35	03:13	16:21
04	04:38	19:38	03:20	17:37	04:51	19:31	03:29	17:33	04:49	19:37	03:29	17:38
05	04:36	19:39	03:36	19:00	04:49	19:32	03:48	18:52	04:48	19:38	03:47	18:58
06	04:35	19:41	03:57	20:25	04:48	19:34	04:13	20:13	04:46	19:40	04:10	20:21
07	04:33	19:42	04:25	21:49	04:46	19:35	04:45	21:33	04:44	19:41	04:41	21:43
08	04:31	19:44	05:06	23:02	04:45	19:37	05:29	22:45	04:43	19:43	05:23	22:55
09	04:29	19:46	06:03	—	04:43	19:38	06:27	23:44	04:41	19:44	06:21	23:54
10	04:28	19:47	07:17	00:00	04:42	19:39	07:40	—	04:40	19:46	07:35	—
11	04:26	19:49	08:42	00:41	04:40	19:41	09:01	00:28	04:38	19:47	08:57	00:37
12	04:24	19:50	10:10	01:10	04:39	19:42	10:24	01:01	04:37	19:49	10:22	01:08
13	04:23	19:52	11:36	01:31	04:38	19:43	11:46	01:26	04:35	19:50	11:46	01:31
14	04:21	19:53	12:59	01:48	04:36	19:45	13:05	01:46	04:34	19:51	13:06	01:50
15	04:20	19:55	14:19	02:02	04:35	19:46	14:22	02:04	04:32	19:53	14:24	02:06
16	04:18	19:56	15:39	02:15	04:34	19:47	15:38	02:21	04:31	19:54	15:42	02:22
17	04:17	19:58	16:58	02:30	04:33	19:49	16:53	02:38	04:30	19:55	16:59	02:38
18	04:16	19:59	18:17	02:46	04:31	19:50	18:09	02:58	04:28	19:57	18:15	02:56
19	04:14	20:01	19:35	03:05	04:30	19:51	19:23	03:21	04:27	19:58	19:31	03:18
20	04:13	20:02	20:49	03:30	04:29	19:52	20:33	03:50	04:26	19:59	20:43	03:46
21	04:12	20:03	21:54	04:04	04:28	19:54	21:36	04:27	04:25	20:01	21:47	04:21
22	04:10	20:05	22:46	04:49	04:27	19:55	22:29	05:13	04:24	20:02	22:39	05:07
23	04:09	20:06	23:26	05:45	04:26	19:56	23:11	06:08	04:22	20:03	23:20	06:03
24	04:08	20:07	23:55	06:50	04:25	19:57	23:43	07:11	04:21	20:04	23:51	07:06
25	04:07	20:09	—	08:00	04:24	19:58	—	08:18	04:20	20:06	—	08:14
26	04:06	20:10	00:17	09:11	04:23	19:59	00:08	09:26	04:19	20:07	00:15	09:24
27	04:05	20:11	00:34	10:22	04:22	20:00	00:28	10:34	04:18	20:08	00:34	10:33
28	04:04	20:13	00:48	11:33	04:21	20:01	00:45	11:41	04:18	20:09	00:50	11:41
29	04:03	20:14	01:00	12:44	04:20	20:02	01:01	12:49	04:17	20:10	01:04	12:50
30	04:02	20:15	01:12	13:57	04:20	20:03	01:16	13:58	04:16	20:11	01:18	14:01
31	04:01	20:16	01:25	15:12	04:19	20:04	01:32	15:10	04:15	20:12	01:32	15:14

Mai 2027

	ROSTOCK				SAARBRÜCKEN				STUTT GART			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	04:35	19:43	02:48	13:48	05:11	19:48	03:01	14:15	05:04	19:38	02:52	14:06
02	04:33	19:45	02:57	15:04	05:09	19:50	03:16	15:25	05:02	19:40	03:07	15:16
03	04:31	19:47	03:06	16:23	05:08	19:51	03:30	16:38	05:00	19:41	03:21	16:28
04	04:29	19:49	03:16	17:45	05:06	19:53	03:46	17:54	04:59	19:42	03:38	17:44
05	04:27	19:50	03:29	19:12	05:04	19:54	04:04	19:15	04:57	19:44	03:56	19:04
06	04:25	19:52	03:46	20:42	05:03	19:55	04:27	20:37	04:56	19:45	04:20	20:26
07	04:23	19:54	04:10	22:10	05:01	19:57	04:58	21:58	04:54	19:47	04:52	21:47
08	04:21	19:56	04:47	23:25	05:00	19:58	05:42	23:11	04:52	19:48	05:35	22:59
09	04:20	19:58	05:43	—	04:58	20:00	06:40	—	04:51	19:50	06:34	23:57
10	04:18	19:59	06:59	00:21	04:57	20:01	07:53	00:09	04:49	19:51	07:46	—
11	04:16	20:01	08:27	00:59	04:55	20:03	09:15	00:52	04:48	19:52	09:08	00:41
12	04:14	20:03	10:00	01:23	04:54	20:04	10:40	01:24	04:47	19:54	10:32	01:13
13	04:12	20:05	11:30	01:40	04:52	20:05	12:03	01:47	04:45	19:55	11:55	01:37
14	04:11	20:06	12:57	01:53	04:51	20:07	13:24	02:06	04:44	19:56	13:15	01:57
15	04:09	20:08	14:21	02:04	04:50	20:08	14:42	02:23	04:42	19:58	14:32	02:14
16	04:07	20:10	15:44	02:14	04:48	20:10	15:58	02:39	04:41	19:59	15:49	02:30
17	04:06	20:11	17:07	02:25	04:47	20:11	17:15	02:55	04:40	20:00	17:05	02:47
18	04:04	20:13	18:30	02:38	04:46	20:12	18:32	03:14	04:39	20:02	18:21	03:06
19	04:02	20:15	19:52	02:53	04:44	20:14	19:47	03:36	04:37	20:03	19:36	03:28
20	04:01	20:16	21:09	03:15	04:43	20:15	20:59	04:03	04:36	20:04	20:47	03:57
21	03:59	20:18	22:16	03:45	04:42	20:16	22:02	04:39	04:35	20:06	21:50	04:33
22	03:58	20:19	23:09	04:28	04:41	20:17	22:55	05:25	04:34	20:07	22:43	05:19
23	03:57	20:21	23:46	05:25	04:40	20:19	23:35	06:21	04:33	20:08	23:24	06:15
24	03:55	20:22	—	06:32	04:39	20:20	—	07:25	04:32	20:09	23:56	07:18
25	03:54	20:24	00:12	07:46	04:38	20:21	00:07	08:32	04:31	20:10	—	08:25
26	03:53	20:25	00:30	09:01	04:37	20:22	00:31	09:42	04:30	20:11	00:20	09:34
27	03:51	20:27	00:44	10:16	04:36	20:23	00:50	10:50	04:29	20:13	00:40	10:42
28	03:50	20:28	00:54	11:30	04:35	20:24	01:06	11:59	04:28	20:14	00:56	11:50
29	03:49	20:29	01:04	12:44	04:34	20:25	01:20	13:07	04:27	20:15	01:11	12:58
30	03:48	20:31	01:13	14:00	04:33	20:27	01:34	14:18	04:26	20:16	01:26	14:08
31	03:47	20:32	01:22	15:19	04:32	20:28	01:49	15:31	04:26	20:17	01:41	15:21

JUNI 2027

HAUPTKALENDARIUM

Datum	Jahres- tag	Kalen- der- wo- che	Sonn- und Feiertage	Son- nen- lauf	Mondlauf		
					Phase	Länge im Tierkreis	Mondwenden Entfernung Mondknoten
01 Di	152					♈ 20°	
02 Mi	153					♈ 03°	
03 Do	154					♈ 17°	
04 Fr	155				●	♈ 01°	
05 Sa	156					♈ 16°	Nordw.
06 So	157		2. So. nach Trinitatis			☾ 01°	Erdnähe
07 Mo	158	23				☾ 16°	
08 Di	159					♏ 00°	♃
09 Mi	160					♏ 15°	
10 Do	161					♏ 29°	
11 Fr	162				●	♏ 13°	
12 Sa	163					♏ 27°	
13 So	164		3. So. nach Trinitatis			♏ 11°	
14 Mo	165	24				♏ 24°	
15 Di	166					♏ 07°	
16 Mi	167					♏ 20°	
17 Do	168					♏ 02°	
18 Fr	169					♏ 14°	Südw.
19 Sa	170				○	♏ 27°	
20 So	171		4. So. nach Trinitatis			♏ 09°	
21 Mo	172	25		☾*)		♏ 21°	
22 Di	173					♏ 02°	Erdferne; ♏
23 Mi	174					♏ 14°	
24 Do	175		Johannistag			♏ 26°	
25 Fr	176					♏ 08°	
26 Sa	177					♏ 20°	
27 So	178		5. So. nach Trinitatis 1)		●	♈ 02°	
28 Mo	179	26				♈ 15°	
29 Di	180		Peter und Paul			♈ 28°	
30 Mi	181					♈ 11°	

*) Am 21. Juni um 15:11 Uhr MEZ tritt die Sonne ins Zeichen Krebs (♋) (Sommeranfang, Sonnenwende)

1) Siebenschläfer

Juni 2027

	KASSEL				BERLIN				BREMEN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	04:12	20:29	01:51	16:44	03:50	20:19	01:33	16:32	04:05	20:41	01:50	16:53
02	04:11	20:30	02:09	18:08	03:49	20:20	01:49	17:57	04:04	20:42	02:05	18:20
03	04:10	20:31	02:34	19:34	03:48	20:22	02:12	19:25	04:03	20:43	02:28	19:48
04	04:10	20:32	03:09	20:54	03:48	20:23	02:45	20:46	04:03	20:44	03:00	21:10
05	04:09	20:33	04:00	22:00	03:47	20:24	03:35	21:53	04:02	20:45	03:50	22:16
06	04:08	20:34	05:09	22:49	03:46	20:25	04:45	22:40	04:01	20:46	05:00	23:03
07	04:08	20:34	06:34	23:23	03:46	20:25	06:10	23:13	04:01	20:47	06:26	23:34
08	04:07	20:35	08:04	23:47	03:45	20:26	07:42	23:35	04:00	20:48	07:59	23:56
09	04:07	20:36	09:33	—	03:45	20:27	09:13	23:52	04:00	20:49	09:31	—
10	04:06	20:37	10:59	00:05	03:44	20:28	10:40	—	03:59	20:50	10:59	00:11
11	04:06	20:37	12:21	00:20	03:44	20:29	12:04	00:06	03:59	20:50	12:23	00:25
12	04:06	20:38	13:40	00:34	03:44	20:29	13:25	00:18	03:59	20:51	13:45	00:36
13	04:06	20:39	14:59	00:48	03:43	20:30	14:46	00:31	03:58	20:52	15:06	00:48
14	04:05	20:39	16:17	01:04	03:43	20:31	16:06	00:45	03:58	20:52	16:27	01:01
15	04:05	20:40	17:35	01:22	03:43	20:31	17:25	01:01	03:58	20:53	17:47	01:17
16	04:05	20:40	18:49	01:45	03:43	20:32	18:41	01:23	03:58	20:53	19:04	01:38
17	04:05	20:41	19:56	02:15	03:43	20:32	19:49	01:52	03:58	20:54	20:12	02:07
18	04:05	20:41	20:53	02:56	03:43	20:33	20:46	02:31	03:58	20:54	21:09	02:46
19	04:05	20:41	21:36	03:48	03:43	20:33	21:29	03:23	03:58	20:55	21:51	03:38
20	04:05	20:42	22:09	04:51	03:43	20:33	22:00	04:27	03:58	20:55	22:22	04:42
21	04:06	20:42	22:33	06:00	03:43	20:33	22:22	05:37	03:58	20:55	22:44	05:52
22	04:06	20:42	22:51	07:11	03:43	20:34	22:39	06:49	03:58	20:55	23:00	07:06
23	04:06	20:42	23:06	08:22	03:44	20:34	22:53	08:02	03:59	20:55	23:13	08:19
24	04:06	20:42	23:18	09:32	03:44	20:34	23:04	09:13	03:59	20:55	23:23	09:32
25	04:07	20:42	23:30	10:42	03:44	20:34	23:15	10:25	03:59	20:55	23:33	10:43
26	04:07	20:42	23:42	11:52	03:45	20:34	23:26	11:36	04:00	20:55	23:44	11:56
27	04:08	20:42	23:55	13:05	03:45	20:34	23:37	12:50	04:00	20:55	23:55	13:10
28	04:08	20:42	—	14:21	03:46	20:33	23:52	14:08	04:01	20:55	—	14:29
29	04:09	20:42	00:11	15:41	03:46	20:33	—	15:29	04:01	20:55	00:08	15:51
30	04:09	20:42	00:32	17:04	03:47	20:33	00:11	16:55	04:02	20:55	00:27	17:17

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Juni 44m.
Tagesl. am 1. Juni 16h04m, am 21. Juni (längster Tag) 16h22m, am 30. Juni 16h19m.

Juni 2027

	DRESDEN				FRANKFURT/M.				FREIBURG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	03:56	20:10	01:35	16:25	04:21	20:26	01:57	16:44	04:34	20:20	02:05	16:41
02	03:55	20:11	01:53	17:49	04:20	20:27	02:17	18:06	04:33	20:21	02:27	18:01
03	03:55	20:12	02:18	19:14	04:19	20:28	02:43	19:30	04:32	20:22	02:56	19:22
04	03:54	20:13	02:53	20:34	04:19	20:29	03:20	20:49	04:32	20:22	03:35	20:40
05	03:53	20:14	03:44	21:41	04:18	20:30	04:11	21:55	04:31	20:23	04:28	21:46
06	03:53	20:15	04:53	22:30	04:18	20:31	05:21	22:45	04:31	20:24	05:37	22:37
07	03:52	20:16	06:17	23:04	04:17	20:31	06:44	23:21	04:30	20:25	06:58	23:15
08	03:52	20:17	07:47	23:29	04:17	20:32	08:12	23:46	04:30	20:26	08:24	23:44
09	03:51	20:18	09:16	23:48	04:16	20:33	09:40	—	04:30	20:26	09:49	—
10	03:51	20:18	10:41	—	04:16	20:34	11:04	00:06	04:29	20:27	11:10	00:06
11	03:51	20:19	12:03	00:03	04:16	20:34	12:24	00:23	04:29	20:28	12:28	00:25
12	03:50	20:20	13:22	00:17	04:15	20:35	13:43	00:38	04:29	20:28	13:44	00:42
13	03:50	20:20	14:41	00:32	04:15	20:36	15:00	00:53	04:29	20:29	14:59	01:00
14	03:50	20:21	15:59	00:47	04:15	20:36	16:17	01:10	04:29	20:29	16:13	01:19
15	03:50	20:21	17:16	01:06	04:15	20:37	17:33	01:30	04:29	20:30	17:27	01:41
16	03:50	20:22	18:30	01:29	04:15	20:37	18:46	01:54	04:28	20:30	18:38	02:07
17	03:50	20:22	19:37	02:00	04:15	20:38	19:52	02:26	04:28	20:31	19:43	02:41
18	03:50	20:23	20:33	02:41	04:15	20:38	20:48	03:08	04:29	20:31	20:38	03:24
19	03:50	20:23	21:17	03:33	04:15	20:38	21:32	04:00	04:29	20:31	21:23	04:16
20	03:50	20:23	21:50	04:35	04:15	20:39	22:05	05:02	04:29	20:32	21:58	05:17
21	03:50	20:24	22:14	05:43	04:15	20:39	22:31	06:09	04:29	20:32	22:26	06:23
22	03:50	20:24	22:33	06:54	04:15	20:39	22:50	07:19	04:29	20:32	22:47	07:30
23	03:51	20:24	22:48	08:05	04:16	20:39	23:06	08:29	04:29	20:32	23:05	08:38
24	03:51	20:24	23:01	09:15	04:16	20:39	23:20	09:38	04:30	20:32	23:21	09:45
25	03:51	20:24	23:13	10:24	04:16	20:39	23:33	10:46	04:30	20:32	23:36	10:51
26	03:52	20:24	23:25	11:35	04:17	20:39	23:46	11:55	04:30	20:32	23:51	11:58
27	03:52	20:24	23:39	12:47	04:17	20:39	—	13:07	04:31	20:32	—	13:07
28	03:53	20:24	23:55	14:02	04:18	20:39	00:01	14:21	04:31	20:32	00:08	14:19
29	03:53	20:24	—	15:22	04:18	20:39	00:18	15:40	04:32	20:32	00:27	15:36
30	03:54	20:23	00:16	16:45	04:19	20:39	00:40	17:02	04:32	20:32	00:52	16:55

Juni 2027

	HAMBURG				HANNOVER				KÖLN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	03:58	20:39	01:44	16:50	04:05	20:33	01:48	16:47	04:24	20:37	02:02	16:54
02	03:57	20:40	01:59	18:17	04:04	20:34	02:04	18:12	04:23	20:38	02:21	18:17
03	03:56	20:41	02:20	19:46	04:04	20:35	02:28	19:39	04:22	20:39	02:46	19:42
04	03:55	20:42	02:52	21:08	04:03	20:36	03:01	21:00	04:22	20:40	03:22	21:02
05	03:55	20:43	03:41	22:15	04:02	20:37	03:51	22:07	04:21	20:41	04:13	22:08
06	03:54	20:44	04:51	23:01	04:02	20:38	05:01	22:54	04:20	20:42	05:23	22:57
07	03:53	20:45	06:18	23:32	04:01	20:39	06:26	23:27	04:20	20:43	06:47	23:31
08	03:53	20:46	07:52	23:52	04:01	20:40	07:58	23:49	04:19	20:43	08:16	23:56
09	03:52	20:47	09:24	—	04:00	20:41	09:29	—	04:19	20:44	09:45	—
10	03:52	20:48	10:53	00:08	04:00	20:42	10:56	00:06	04:19	20:45	11:10	00:15
11	03:51	20:49	12:18	00:20	03:59	20:42	12:19	00:20	04:18	20:46	12:31	00:30
12	03:51	20:49	13:41	00:31	03:59	20:43	13:41	00:33	04:18	20:46	13:51	00:45
13	03:51	20:50	15:03	00:43	03:59	20:44	15:01	00:46	04:18	20:47	15:09	00:59
14	03:50	20:51	16:24	00:55	03:59	20:44	16:20	01:00	04:18	20:47	16:27	01:15
15	03:50	20:51	17:45	01:10	03:58	20:45	17:39	01:16	04:18	20:48	17:44	01:34
16	03:50	20:52	19:02	01:31	03:58	20:45	18:55	01:38	04:17	20:48	18:58	01:57
17	03:50	20:52	20:11	01:58	03:58	20:46	20:03	02:08	04:17	20:49	20:04	02:28
18	03:50	20:52	21:08	02:37	03:58	20:46	20:59	02:48	04:17	20:49	21:01	03:09
19	03:50	20:53	21:50	03:29	03:58	20:47	21:42	03:40	04:17	20:50	21:44	04:02
20	03:50	20:53	22:20	04:33	03:58	20:47	22:14	04:43	04:18	20:50	22:17	05:04
21	03:50	20:53	22:41	05:45	03:59	20:47	22:36	05:53	04:18	20:50	22:41	06:12
22	03:51	20:53	22:57	06:59	03:59	20:47	22:54	07:05	04:18	20:50	23:00	07:23
23	03:51	20:54	23:09	08:13	03:59	20:47	23:07	08:18	04:18	20:50	23:15	08:34
24	03:51	20:54	23:19	09:26	03:59	20:47	23:19	09:29	04:19	20:50	23:28	09:44
25	03:52	20:54	23:29	10:38	04:00	20:47	23:29	10:40	04:19	20:51	23:40	10:53
26	03:52	20:54	23:38	11:51	04:00	20:47	23:40	11:52	04:19	20:51	23:53	12:03
27	03:52	20:53	23:49	13:06	04:01	20:47	23:52	13:05	04:20	20:50	—	13:15
28	03:53	20:53	—	14:25	04:01	20:47	—	14:23	04:20	20:50	00:06	14:30
29	03:54	20:53	00:02	15:48	04:02	20:47	00:07	15:44	04:21	20:50	00:23	15:50
30	03:54	20:53	00:20	17:15	04:02	20:47	00:26	17:09	04:21	20:50	00:44	17:13

Juni 2027

	LEIPZIG				MÜNCHEN				NÜRNBERG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	04:00	20:17	01:39	16:32	04:18	20:05	01:50	16:26	04:14	20:13	01:49	16:32
02	03:59	20:18	01:58	17:56	04:17	20:06	02:11	17:46	04:14	20:14	02:09	17:53
03	03:59	20:19	02:22	19:22	04:17	20:07	02:40	19:07	04:13	20:15	02:36	19:16
04	03:58	20:20	02:57	20:42	04:16	20:08	03:18	20:25	04:12	20:16	03:13	20:35
05	03:57	20:21	03:48	21:48	04:16	20:09	04:11	21:31	04:12	20:17	04:06	21:41
06	03:57	20:22	04:57	22:37	04:15	20:10	05:20	22:23	04:11	20:18	05:15	22:32
07	03:56	20:23	06:21	23:11	04:15	20:11	06:42	23:01	04:11	20:19	06:37	23:08
08	03:56	20:24	07:52	23:35	04:14	20:11	08:08	23:29	04:10	20:19	08:05	23:35
09	03:55	20:25	09:21	23:54	04:14	20:12	09:33	23:51	04:10	20:20	09:31	23:55
10	03:55	20:25	10:46	—	04:14	20:13	10:54	—	04:10	20:21	10:55	—
11	03:55	20:26	12:09	00:09	04:14	20:13	12:12	00:10	04:09	20:22	12:14	00:13
12	03:54	20:27	13:28	00:23	04:13	20:14	13:28	00:27	04:09	20:22	13:32	00:29
13	03:54	20:27	14:47	00:37	04:13	20:15	14:43	00:45	04:09	20:23	14:48	00:45
14	03:54	20:28	16:05	00:52	04:13	20:15	15:58	01:03	04:09	20:23	16:04	01:02
15	03:54	20:28	17:23	01:10	04:13	20:16	17:12	01:25	04:09	20:24	17:20	01:22
16	03:54	20:29	18:37	01:33	04:13	20:16	18:23	01:52	04:09	20:24	18:32	01:48
17	03:54	20:29	19:45	02:04	04:13	20:16	19:28	02:25	04:09	20:25	19:38	02:20
18	03:54	20:30	20:41	02:44	04:13	20:17	20:24	03:08	04:09	20:25	20:34	03:02
19	03:54	20:30	21:25	03:36	04:13	20:17	21:09	04:00	04:09	20:25	21:18	03:54
20	03:54	20:30	21:57	04:39	04:13	20:17	21:44	05:01	04:09	20:26	21:52	04:56
21	03:54	20:31	22:21	05:47	04:13	20:18	22:11	06:07	04:09	20:26	22:18	06:03
22	03:54	20:31	22:39	06:59	04:14	20:18	22:33	07:14	04:09	20:26	22:39	07:12
23	03:54	20:31	22:54	08:10	04:14	20:18	22:51	08:22	04:10	20:26	22:55	08:21
24	03:55	20:31	23:07	09:20	04:14	20:18	23:06	09:29	04:10	20:26	23:10	09:29
25	03:55	20:31	23:19	10:30	04:14	20:18	23:21	10:36	04:10	20:26	23:23	10:37
26	03:56	20:31	23:31	11:40	04:15	20:18	23:36	11:43	04:11	20:26	23:37	11:45
27	03:56	20:31	23:44	12:53	04:15	20:18	23:53	12:52	04:11	20:26	23:52	12:56
28	03:57	20:31	—	14:09	04:16	20:18	—	14:04	04:11	20:26	—	14:09
29	03:57	20:31	00:00	15:29	04:16	20:18	00:12	15:20	04:12	20:26	00:10	15:27
30	03:58	20:30	00:20	16:52	04:17	20:18	00:36	16:40	04:13	20:26	00:33	16:48

Juni 2027

	ROSTOCK				SAARBRÜCKEN				STUTT GART			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	03:46	20:33	01:34	16:43	04:32	20:29	02:06	16:48	04:25	20:18	01:58	16:38
02	03:45	20:35	01:48	18:11	04:31	20:30	02:27	18:10	04:24	20:19	02:19	17:59
03	03:44	20:36	02:08	19:41	04:30	20:31	02:54	19:32	04:24	20:20	02:47	19:21
04	03:43	20:37	02:39	21:04	04:30	20:31	03:31	20:51	04:23	20:21	03:25	20:39
05	03:43	20:38	03:27	22:10	04:29	20:32	04:24	21:57	04:23	20:21	04:18	21:45
06	03:42	20:39	04:37	22:56	04:29	20:33	05:33	22:47	04:22	20:22	05:27	22:36
07	03:41	20:40	06:05	23:26	04:28	20:34	06:56	23:24	04:22	20:23	06:49	23:13
08	03:41	20:41	07:40	23:46	04:28	20:35	08:23	23:51	04:21	20:24	08:15	23:41
09	03:40	20:42	09:14	—	04:27	20:36	09:49	—	04:21	20:25	09:41	—
10	03:40	20:43	10:43	00:00	04:27	20:36	11:12	00:12	04:20	20:25	11:03	00:02
11	03:39	20:43	12:09	00:12	04:27	20:37	12:32	00:29	04:20	20:26	12:22	00:20
12	03:39	20:44	13:33	00:22	04:27	20:37	13:49	00:45	04:20	20:27	13:39	00:37
13	03:39	20:45	14:55	00:33	04:26	20:38	15:05	01:02	04:20	20:27	14:55	00:53
14	03:38	20:45	16:17	00:45	04:26	20:39	16:21	01:19	04:20	20:28	16:10	01:11
15	03:38	20:46	17:39	00:59	04:26	20:39	17:36	01:40	04:20	20:28	17:25	01:32
16	03:38	20:47	18:57	01:19	04:26	20:40	18:48	02:05	04:20	20:29	18:36	01:58
17	03:38	20:47	20:07	01:46	04:26	20:40	19:53	02:38	04:20	20:29	19:42	02:32
18	03:38	20:47	21:04	02:24	04:26	20:40	20:49	03:20	04:20	20:29	20:37	03:14
19	03:38	20:48	21:46	03:16	04:26	20:41	21:34	04:13	04:20	20:30	21:22	04:06
20	03:38	20:48	22:15	04:20	04:26	20:41	22:08	05:14	04:20	20:30	21:57	05:07
21	03:38	20:48	22:35	05:32	04:26	20:41	22:34	06:21	04:20	20:30	22:23	06:14
22	03:38	20:48	22:50	06:47	04:27	20:41	22:54	07:30	04:20	20:30	22:44	07:22
23	03:39	20:49	23:02	08:02	04:27	20:41	23:11	08:38	04:20	20:30	23:02	08:30
24	03:39	20:49	23:11	09:15	04:27	20:42	23:26	09:46	04:21	20:31	23:17	09:38
25	03:39	20:49	23:20	10:29	04:28	20:42	23:40	10:54	04:21	20:31	23:31	10:45
26	03:40	20:49	23:29	11:42	04:28	20:42	23:54	12:02	04:21	20:31	23:45	11:53
27	03:40	20:48	23:39	12:58	04:28	20:42	—	13:12	04:22	20:31	—	13:03
28	03:41	20:48	23:52	14:17	04:29	20:41	00:09	14:26	04:22	20:30	00:01	14:16
29	03:42	20:48	—	15:42	04:29	20:41	00:27	15:44	04:23	20:30	00:20	15:33
30	03:42	20:48	00:08	17:09	04:30	20:41	00:51	17:04	04:23	20:30	00:44	16:53

JULI 2027

HAUPTKALENDARIUM

Datum	Jahres- tag	Kalender- woche	Sonn- und Feiertage	Sonnen- lauf	Mondlauf		
					Phase	Länge im Tierkreis	Mondwenden Entfernung Mondknoten
01 Do	182					♋ 25°	
02 Fr	183					♌ 10°	Nordw.
03 Sa	184					♌ 24°	
04 So	185		6. So. nach Trinitatis		●	♍ 09°	Erdnähe
05 Mo	186	27		1)		♍ 25°	
06 Di	187					♎ 10°	♅
07 Mi	188					♎ 25°	
08 Do	189					♏ 09°	
09 Fr	190					♏ 23°	
10 Sa	191				◐	♐ 07°	
11 So	192		7. So. nach Trinitatis			♐ 21°	
12 Mo	193	28				♑ 04°	
13 Di	194					♑ 17°	
14 Mi	195					♑ 29°	
15 Do	196					♒ 12°	Südw.
16 Fr	197					♒ 24°	
17 Sa	198					♓ 06°	
18 So	199		8. So. nach Trinitatis		○	♓ 18°	
19 Mo	200	29				♓ 29°	Erdferne
20 Di	201					♈ 11°	♁
21 Mi	202					♈ 23°	
22 Do	203					♉ 05°	
23 Fr	204			♁*)		♉ 17°	
24 Sa	205					♉ 29°	
25 So	206		9. So. nach Trinitatis			♊ 11°	
26 Mo	207	30			◑	♊ 24°	
27 Di	208					♋ 07°	
28 Mi	209					♋ 20°	
29 Do	210					♌ 04°	
30 Fr	211					♌ 18°	Nordw.
31 Sa	212					♍ 03°	

*) Am 23. Juli um 02:05 Uhr MEZ tritt die Sonne ins Zeichen Löwe (♌)

1) Erde im größten Abstand von der Sonne.

Juli 2027

	KASSEL				BERLIN				BREMEN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	04:10	20:41	01:01	18:27	03:48	20:33	00:38	18:19	04:03	20:54	00:53	18:42
02	04:11	20:41	01:43	19:40	03:48	20:32	01:19	19:33	04:03	20:54	01:33	19:57
03	04:11	20:41	02:44	20:38	03:49	20:32	02:18	20:30	04:04	20:53	02:33	20:53
04	04:12	20:40	04:03	21:19	03:50	20:31	03:38	21:10	04:05	20:53	03:54	21:32
05	04:13	20:40	05:34	21:48	03:51	20:31	05:11	21:37	04:06	20:52	05:27	21:58
06	04:14	20:39	07:07	22:09	03:52	20:30	06:46	21:57	04:07	20:52	07:03	22:16
07	04:15	20:39	08:37	22:26	03:53	20:30	08:18	22:12	04:08	20:51	08:37	22:31
08	04:16	20:38	10:03	22:41	03:54	20:29	09:46	22:25	04:09	20:50	10:05	22:44
09	04:17	20:37	11:26	22:55	03:55	20:28	11:11	22:38	04:10	20:50	11:31	22:56
10	04:18	20:37	12:47	23:10	03:56	20:27	12:33	22:51	04:11	20:49	12:54	23:08
11	04:19	20:36	14:06	23:27	03:57	20:27	13:54	23:07	04:12	20:48	14:15	23:23
12	04:20	20:35	15:25	23:49	03:58	20:26	15:14	23:27	04:13	20:47	15:36	23:43
13	04:21	20:34	16:40	—	03:59	20:25	16:31	23:53	04:14	20:46	16:54	—
14	04:22	20:33	17:50	00:17	04:00	20:24	17:42	—	04:15	20:45	18:05	00:08
15	04:23	20:32	18:49	00:54	04:01	20:23	18:42	00:29	04:17	20:44	19:05	00:44
16	04:24	20:31	19:36	01:42	04:03	20:22	19:29	01:17	04:18	20:43	19:52	01:32
17	04:25	20:30	20:11	02:42	04:04	20:21	20:03	02:17	04:19	20:42	20:25	02:32
18	04:27	20:29	20:38	03:49	04:05	20:19	20:28	03:25	04:21	20:41	20:49	03:41
19	04:28	20:28	20:57	05:00	04:07	20:18	20:46	04:38	04:22	20:39	21:07	04:54
20	04:29	20:27	21:13	06:11	04:08	20:17	21:01	05:50	04:23	20:38	21:21	06:08
21	04:30	20:26	21:26	07:22	04:09	20:16	21:13	07:02	04:25	20:37	21:32	07:20
22	04:32	20:24	21:38	08:31	04:11	20:14	21:23	08:14	04:26	20:35	21:42	08:32
23	04:33	20:23	21:50	09:41	04:12	20:13	21:34	09:25	04:28	20:34	21:52	09:44
24	04:34	20:22	22:02	10:52	04:13	20:12	21:45	10:37	04:29	20:32	22:02	10:57
25	04:36	20:20	22:16	12:05	04:15	20:10	21:58	11:51	04:31	20:31	22:14	12:12
26	04:37	20:19	22:34	13:21	04:16	20:09	22:14	13:09	04:32	20:29	22:30	13:31
27	04:39	20:17	22:58	14:41	04:18	20:07	22:36	14:31	04:34	20:28	22:52	14:53
28	04:40	20:16	23:33	16:02	04:19	20:06	23:09	15:53	04:35	20:26	23:24	16:17
29	04:42	20:14	—	17:19	04:21	20:04	23:58	17:11	04:37	20:25	—	17:35
30	04:43	20:13	00:23	18:23	04:23	20:02	—	18:16	04:38	20:23	00:12	18:39
31	04:44	20:11	01:32	19:12	04:24	20:01	01:07	19:03	04:40	20:21	01:22	19:26

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Juli 42m.
Tagesl. am 1. Juli 16h18m, am 31. Juli 15h17m; somit Abnahme der Tagesl. im Juli 1h01m.

Juli 2027

	DRESDEN				FRANKFURT/M.				FREIBURG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	03:54	20:23	00:45	18:07	04:19	20:38	01:11	18:23	04:33	20:32	01:25	18:14
02	03:55	20:23	01:27	19:21	04:20	20:38	01:54	19:36	04:34	20:31	02:10	19:26
03	03:56	20:22	02:28	20:19	04:21	20:38	02:55	20:34	04:34	20:31	03:12	20:25
04	03:57	20:22	03:47	21:00	04:22	20:37	04:14	21:16	04:35	20:31	04:29	21:10
05	03:57	20:21	05:17	21:30	04:22	20:37	05:43	21:47	04:36	20:30	05:56	21:43
06	03:58	20:21	06:50	21:51	04:23	20:36	07:14	22:10	04:36	20:30	07:24	22:08
07	03:59	20:20	08:20	22:09	04:24	20:36	08:43	22:28	04:37	20:29	08:50	22:29
08	04:00	20:20	09:46	22:24	04:25	20:35	10:08	22:44	04:38	20:29	10:12	22:48
09	04:01	20:19	11:08	22:38	04:26	20:35	11:29	23:00	04:39	20:28	11:31	23:05
10	04:02	20:18	12:29	22:54	04:27	20:34	12:48	23:16	04:40	20:28	12:48	23:24
11	04:03	20:18	13:48	23:11	04:28	20:33	14:06	23:35	04:41	20:27	14:03	23:45
12	04:04	20:17	15:06	23:33	04:29	20:33	15:23	23:58	04:42	20:26	15:18	—
13	04:05	20:16	16:21	—	04:30	20:32	16:37	—	04:42	20:26	16:29	00:10
14	04:06	20:15	17:30	00:01	04:31	20:31	17:45	00:27	04:43	20:25	17:36	00:42
15	04:07	20:14	18:29	00:38	04:32	20:30	18:44	01:05	04:44	20:24	18:34	01:21
16	04:08	20:13	19:17	01:27	04:33	20:29	19:31	01:54	04:45	20:23	19:22	02:11
17	04:10	20:12	19:53	02:26	04:34	20:28	20:08	02:53	04:47	20:22	20:00	03:09
18	04:11	20:11	20:19	03:33	04:35	20:27	20:35	03:59	04:48	20:21	20:30	04:13
19	04:12	20:10	20:39	04:43	04:37	20:26	20:56	05:08	04:49	20:20	20:53	05:20
20	04:13	20:09	20:55	05:54	04:38	20:25	21:13	06:18	04:50	20:19	21:12	06:28
21	04:15	20:07	21:09	07:04	04:39	20:24	21:28	07:28	04:51	20:18	21:28	07:35
22	04:16	20:06	21:21	08:14	04:40	20:22	21:41	08:36	04:52	20:17	21:43	08:42
23	04:17	20:05	21:33	09:23	04:42	20:21	21:54	09:45	04:53	20:16	21:58	09:48
24	04:19	20:04	21:45	10:34	04:43	20:20	22:07	10:54	04:54	20:15	22:13	10:55
25	04:20	20:02	22:00	11:46	04:44	20:19	22:23	12:06	04:56	20:14	22:31	12:05
26	04:21	20:01	22:18	13:02	04:46	20:17	22:42	13:21	04:57	20:13	22:53	13:18
27	04:23	19:59	22:42	14:22	04:47	20:16	23:08	14:39	04:58	20:11	23:21	14:33
28	04:24	19:58	23:17	15:43	04:48	20:15	23:43	15:59	04:59	20:10	23:59	15:51
29	04:26	19:57	—	16:59	04:50	20:13	—	17:14	05:01	20:09	—	17:05
30	04:27	19:55	00:07	18:04	04:51	20:12	00:34	18:18	05:02	20:08	00:51	18:09
31	04:29	19:54	01:16	18:53	04:52	20:10	01:43	19:08	05:03	20:06	01:59	19:00

Juli 2027

	HAMBURG				HANNOVER				KÖLN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	03:55	20:52	00:46	18:41	04:03	20:46	00:54	18:33	04:22	20:50	01:13	18:35
02	03:56	20:52	01:25	19:56	04:04	20:46	01:35	19:47	04:23	20:49	01:56	19:49
03	03:57	20:52	02:24	20:52	04:05	20:46	02:35	20:44	04:23	20:49	02:57	20:46
04	03:57	20:51	03:45	21:30	04:05	20:45	03:55	21:24	04:24	20:49	04:16	21:28
05	03:58	20:51	05:20	21:55	04:06	20:45	05:27	21:51	04:25	20:48	05:46	21:57
06	03:59	20:50	06:57	22:13	04:07	20:44	07:02	22:11	04:26	20:48	07:19	22:19
07	04:00	20:49	08:31	22:27	04:08	20:43	08:34	22:26	04:27	20:47	08:49	22:36
08	04:01	20:48	10:00	22:39	04:09	20:43	10:02	22:40	04:28	20:46	10:14	22:51
09	04:02	20:48	11:26	22:50	04:10	20:42	11:26	22:53	04:29	20:46	11:37	23:06
10	04:03	20:47	12:50	23:02	04:11	20:41	12:48	23:06	04:30	20:45	12:57	23:21
11	04:04	20:46	14:12	23:17	04:12	20:40	14:09	23:22	04:31	20:44	14:16	23:39
12	04:06	20:45	15:34	23:35	04:13	20:40	15:29	23:43	04:32	20:43	15:34	—
13	04:07	20:44	16:52	—	04:14	20:39	16:46	—	04:33	20:43	16:49	00:01
14	04:08	20:43	18:04	00:00	04:15	20:38	17:56	00:09	04:34	20:42	17:58	00:29
15	04:09	20:42	19:04	00:35	04:17	20:37	18:56	00:46	04:35	20:41	18:57	01:07
16	04:11	20:41	19:50	01:23	04:18	20:36	19:42	01:34	04:36	20:40	19:44	01:56
17	04:12	20:40	20:24	02:23	04:19	20:34	20:17	02:33	04:37	20:39	20:20	02:55
18	04:13	20:38	20:47	03:33	04:20	20:33	20:42	03:42	04:39	20:38	20:46	04:02
19	04:15	20:37	21:04	04:47	04:22	20:32	21:00	04:54	04:40	20:36	21:06	05:12
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21	04:18	20:34	21:28	07:14	04:25	20:30	21:27	07:18	04:42	20:34	21:36	07:33
22	04:19	20:33	21:38	08:27	04:26	20:28	21:38	08:29	04:44	20:33	21:48	08:42
23	04:21	20:32	21:47	09:39	04:27	20:27	21:48	09:40	04:45	20:32	22:00	09:52
24	04:22	20:30	21:57	10:52	04:29	20:25	22:00	10:52	04:46	20:30	22:13	11:02
25	04:24	20:29	22:08	12:08	04:30	20:24	22:13	12:06	04:48	20:29	22:28	12:15
26	04:25	20:27	22:23	13:27	04:32	20:23	22:29	13:24	04:49	20:28	22:46	13:31
27	04:27	20:25	22:44	14:51	04:33	20:21	22:52	14:45	04:50	20:26	23:11	14:50
28	04:28	20:24	23:16	16:15	04:35	20:19	23:25	16:08	04:52	20:25	23:46	16:11
29	04:30	20:22	—	17:34	04:36	20:18	—	17:25	04:53	20:23	—	17:27
30	04:32	20:20	00:03	18:38	04:38	20:16	00:14	18:30	04:55	20:22	00:36	18:31
31	04:33	20:19	01:13	19:24	04:39	20:15	01:23	19:17	04:56	20:20	01:45	19:20

Juli 2027


	LEIPZIG				MÜNCHEN				NÜRNBERG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	03:58	20:30	00:49	18:15	04:17	20:17	01:09	17:59	04:13	20:26	01:04	18:09
02	03:59	20:30	01:31	19:29	04:18	20:17	01:54	19:11	04:14	20:25	01:48	19:21
03	04:00	20:29	02:31	20:26	04:19	20:17	02:55	20:11	04:15	20:25	02:50	20:20
04	04:01	20:29	03:51	21:08	04:19	20:16	04:12	20:55	04:15	20:25	04:07	21:03
05	04:01	20:28	05:21	21:36	04:20	20:16	05:39	21:28	04:16	20:24	05:36	21:35
06	04:02	20:28	06:55	21:58	04:21	20:16	07:08	21:54	04:17	20:24	07:06	21:59
07	04:03	20:27	08:25	22:14	04:22	20:15	08:34	22:14	04:18	20:23	08:34	22:18
08	04:04	20:27	09:51	22:29	04:22	20:15	09:56	22:33	04:18	20:23	09:58	22:35
09	04:05	20:26	11:14	22:43	04:23	20:14	11:15	22:50	04:19	20:22	11:18	22:51
10	04:06	20:25	12:35	22:58	04:24	20:13	12:32	23:09	04:20	20:21	12:37	23:08
11	04:07	20:24	13:54	23:16	04:25	20:13	13:48	23:30	04:21	20:21	13:54	23:27
12	04:08	20:24	15:13	23:37	04:26	20:12	15:03	23:55	04:22	20:20	15:10	23:51
13	04:09	20:23	16:28	—	04:27	20:11	16:15	—	04:23	20:19	16:23	—
14	04:10	20:22	17:38	00:05	04:28	20:11	17:21	00:26	04:24	20:18	17:31	00:21
15	04:11	20:21	18:37	00:42	04:29	20:10	18:20	01:05	04:25	20:17	18:30	01:00
16	04:13	20:20	19:24	01:30	04:30	20:09	19:08	01:54	04:26	20:16	19:18	01:48
17	04:14	20:19	20:00	02:30	04:31	20:08	19:46	02:53	04:28	20:16	19:54	02:47
18	04:15	20:18	20:26	03:37	04:32	20:07	20:15	03:57	04:29	20:15	20:23	03:52
19	04:16	20:17	20:46	04:47	04:33	20:06	20:38	05:04	04:30	20:13	20:44	05:01
20	04:18	20:15	21:02	05:59	04:34	20:05	20:57	06:12	04:31	20:12	21:02	06:10
21	04:19	20:14	21:15	07:09	04:35	20:04	21:13	07:19	04:32	20:11	21:17	07:19
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23	04:21	20:12	21:38	09:29	04:38	20:02	21:43	09:32	04:35	20:09	21:44	09:35
24	04:23	20:10	21:51	10:40	04:39	20:01	21:58	10:40	04:36	20:08	21:58	10:43
25	04:24	20:09	22:05	11:53	04:40	20:00	22:16	11:50	04:37	20:06	22:15	11:54
26	04:26	20:08	22:23	13:09	04:41	19:58	22:37	13:02	04:38	20:05	22:35	13:08
27	04:27	20:06	22:47	14:29	04:43	19:57	23:05	14:18	04:40	20:04	23:01	14:26
28	04:29	20:05	23:21	15:50	04:44	19:56	23:42	15:36	04:41	20:03	23:37	15:45
29	04:30	20:03	—	17:07	04:45	19:55	—	16:50	04:42	20:01	—	17:00
30	04:31	20:02	00:10	18:11	04:46	19:53	00:34	17:54	04:44	20:00	00:28	18:04
31	04:33	20:00	01:19	19:00	04:48	19:52	01:43	18:46	04:45	19:58	01:37	18:55

Juli 2027

	ROSTOCK				SAARBRÜCKEN				STUTT GART			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	03:43	20:47	00:33	18:36	04:31	20:41	01:22	18:25	04:24	20:30	01:16	18:13
02	03:44	20:47	01:12	19:51	04:31	20:41	02:07	19:37	04:25	20:30	02:00	19:25
03	03:45	20:46	02:11	20:47	04:32	20:40	03:08	20:36	04:25	20:29	03:02	20:24
04	03:45	20:46	03:32	21:24	04:33	20:40	04:26	21:19	04:26	20:29	04:19	21:08
05	03:46	20:45	05:07	21:49	04:33	20:39	05:54	21:51	04:27	20:29	05:47	21:40
06	03:47	20:45	06:45	22:06	04:34	20:39	07:24	22:15	04:28	20:28	07:16	22:05
07	03:48	20:44	08:20	22:19	04:35	20:39	08:52	22:34	04:28	20:28	08:43	22:25
08	03:49	20:43	09:51	22:30	04:36	20:38	10:15	22:51	04:29	20:27	10:06	22:42
09	03:50	20:42	11:17	22:41	04:37	20:37	11:35	23:08	04:30	20:27	11:26	22:59
10	03:52	20:42	12:42	22:52	04:38	20:37	12:54	23:25	04:31	20:26	12:44	23:17
11	03:53	20:41	14:05	23:06	04:39	20:36	14:11	23:45	04:32	20:25	14:00	23:37
12	03:54	20:40	15:27	23:24	04:40	20:35	15:26	—	04:33	20:24	15:15	—
13	03:55	20:39	16:47	23:48	04:41	20:34	16:39	00:09	04:34	20:24	16:28	00:02
14	03:56	20:38	17:59	—	04:42	20:34	17:47	00:39	04:35	20:23	17:35	00:32
15	03:58	20:36	19:00	00:22	04:43	20:33	18:45	01:18	04:36	20:22	18:33	01:11
16	03:59	20:35	19:46	01:09	04:44	20:32	19:33	02:07	04:37	20:21	19:21	02:01
17	04:00	20:34	20:19	02:10	04:45	20:31	20:10	03:05	04:38	20:20	19:59	02:59
18	04:02	20:33	20:42	03:20	04:46	20:30	20:38	04:11	04:39	20:19	20:27	04:04
19	04:03	20:31	20:58	04:35	04:47	20:29	21:00	05:19	04:40	20:18	20:50	05:12
20	04:05	20:30	21:10	05:50	04:48	20:28	21:18	06:28	04:41	20:17	21:08	06:20
21	04:06	20:29	21:20	07:04	04:49	20:27	21:33	07:37	04:43	20:16	21:24	07:28
22	04:08	20:27	21:29	08:17	04:51	20:26	21:47	08:44	04:44	20:15	21:38	08:35
23	04:09	20:26	21:38	09:30	04:52	20:24	22:01	09:52	04:45	20:14	21:52	09:43
24	04:11	20:24	21:47	10:44	04:53	20:23	22:15	11:00	04:46	20:13	22:07	10:51
25	04:12	20:23	21:58	12:00	04:54	20:22	22:32	12:11	04:47	20:11	22:24	12:01
26	04:14	20:21	22:12	13:20	04:56	20:21	22:52	13:25	04:49	20:10	22:45	13:14
27	04:16	20:19	22:32	14:45	04:57	20:19	23:19	14:42	04:50	20:09	23:12	14:31
28	04:17	20:18	23:03	16:10	04:58	20:18	23:55	16:01	04:51	20:08	23:49	15:49
29	04:19	20:16	23:50	17:29	05:00	20:17	—	17:16	04:52	20:06	—	17:04
30	04:21	20:14	—	18:34	05:01	20:15	00:47	18:20	04:54	20:05	00:41	18:08
31	04:22	20:12	00:59	19:19	05:02	20:14	01:56	19:10	04:55	20:03	01:49	18:59

AUGUST 2027

HAUPTKALENDARIUM

Datum Wo- chen- tag	Jah- res- tag	Ka- len- der- wo- che	Sonn- und Feiertage	Son- nen- lauf	Mondlauf		
					Phase	Länge im Tierkreis	Mondwenden Entfernung Mondknoten
01 So	213		10. So. nach Trinitatis		 18°		
02 Mo	214	31		1)	●	♋ 03°	Erdnähe; ♃
03 Di	215					♌ 18°	
04 Mi	216					♍ 03°	
05 Do	217					♎ 18°	
06 Fr	218					♏ 02°	
07 Sa	219					♐ 16°	
08 So	220		11. So. nach Trinitatis			♑ 00°	
09 Mo	221	32			●	♑ 13°	Südw.
10 Di	222		Laurentius			♒ 26°	
11 Mi	223					♓ 08°	
12 Do	224					♈ 21°	
13 Fr	225					♉ 03°	
14 Sa	226					♊ 15°	
15 So	227		12. So.n.Tr.; Mariä Himmelfahrt			♋ 26°	Erdferne
16 Mo	228	33			○	≈ 08°	♌
17 Di	229					≈ 20°	
18 Mi	230					× 02°	
19 Do	231					× 14°	
20 Fr	232					× 26°	
21 Sa	233					⋮ 08°	
22 So	234		13. So. nach Trinitatis			♍ 21°	Nordw.
23 Mo	235	34		♍*)	●	♍ 03°	
24 Di	236					♍ 16°	
25 Mi	237					♍ 30°	
26 Do	238					♎ 13°	
27 Fr	239					♏ 27°	
28 Sa	240					♐ 12°	
29 So	241		14. So. nach Trinitatis			♑ 26°	
30 Mo	242	35			●	♋ 11°	Erdnähe; ♃
31 Di	243					♌ 26°	

*) Am 23. August um 09:14 Uhr MEZ tritt die Sonne ins Zeichen Jungfrau (♍)

1) Totale Sonnenfinsternis. In Deutschland sichtbar.

August 2027

	KASSEL				BERLIN				BREMEN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	04:46	20:10	02:57	19:46	04:26	19:59	02:33	19:36	04:42	20:20	02:49	19:57
02	04:47	20:08	04:30	20:11	04:27	19:57	04:08	19:59	04:43	20:18	04:25	20:19
03	04:49	20:06	06:04	20:30	04:29	19:56	05:44	20:16	04:45	20:16	06:02	20:36
04	04:50	20:05	07:35	20:46	04:30	19:54	07:17	20:31	04:47	20:14	07:36	20:50
05	04:52	20:03	09:02	21:01	04:32	19:52	08:46	20:44	04:48	20:12	09:05	21:02
06	04:54	20:01	10:27	21:16	04:34	19:50	10:12	20:58	04:50	20:10	10:32	21:15
07	04:55	20:00	11:49	21:33	04:35	19:48	11:36	21:13	04:52	20:09	11:57	21:30
08	04:57	19:58	13:10	21:53	04:37	19:46	12:59	21:32	04:53	20:07	13:21	21:48
09	04:58	19:56	14:28	22:19	04:39	19:45	14:19	21:56	04:55	20:05	14:41	22:11
10	05:00	19:54	15:41	22:53	04:40	19:43	15:33	22:29	04:57	20:03	15:56	22:44
11	05:01	19:52	16:44	23:38	04:42	19:41	16:37	23:13	04:58	20:01	17:00	23:27
12	05:03	19:50	17:35	—	04:43	19:39	17:28	—	05:00	19:59	17:51	—
13	05:04	19:48	18:14	00:34	04:45	19:37	18:06	00:09	05:02	19:57	18:28	00:24
14	05:06	19:47	18:43	01:39	04:47	19:35	18:33	01:15	05:03	19:55	18:55	01:30
15	05:07	19:45	19:04	02:49	04:48	19:33	18:54	02:26	05:05	19:53	19:14	02:42
16	05:09	19:43	19:21	04:00	04:50	19:30	19:09	03:39	05:07	19:50	19:29	03:56
17	05:11	19:41	19:35	05:11	04:52	19:28	19:22	04:52	05:08	19:48	19:41	05:09
18	05:12	19:39	19:47	06:22	04:53	19:26	19:33	06:03	05:10	19:46	19:52	06:22
19	05:14	19:37	19:59	07:31	04:55	19:24	19:43	07:15	05:12	19:44	20:01	07:34
20	05:15	19:34	20:11	08:42	04:57	19:22	19:54	08:26	05:13	19:42	20:11	08:46
21	05:17	19:32	20:24	09:54	04:58	19:20	20:06	09:40	05:15	19:40	20:23	10:00
22	05:19	19:30	20:41	11:08	05:00	19:18	20:21	10:56	05:17	19:37	20:37	11:17
23	05:20	19:28	21:02	12:26	05:02	19:15	20:40	12:15	05:19	19:35	20:56	12:37
24	05:22	19:26	21:31	13:45	05:03	19:13	21:08	13:36	05:20	19:33	21:23	13:58
25	05:23	19:24	22:13	15:02	05:05	19:11	21:48	14:54	05:22	19:31	22:03	15:17
26	05:25	19:22	23:11	16:09	05:07	19:09	22:46	16:02	05:24	19:28	23:01	16:25
27	05:26	19:20	—	17:03	05:08	19:07	—	16:55	05:25	19:26	—	17:18
28	05:28	19:17	00:27	17:42	05:10	19:04	00:03	17:33	05:27	19:24	00:18	17:55
29	05:30	19:15	01:55	18:11	05:12	19:02	01:32	18:00	05:29	19:21	01:49	18:21
30	05:31	19:13	03:28	18:32	05:13	19:00	03:07	18:20	05:31	19:19	03:24	18:40
31	05:33	19:11	05:00	18:50	05:15	18:58	04:41	18:35	05:32	19:17	04:59	18:55

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Aug. 36m.
Tagesl. am 1. Aug. 15h14m, am 31. Aug. 13h34m; somit Abnahme der Tagesl. im Aug. 1h40m.

August 2027

	DRESDEN				FRANKFURT/M.				FREIBURG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	04:30	19:52	02:40	19:27	04:54	20:09	03:07	19:44	05:04	20:05	03:21	19:39
02	04:31	19:50	04:13	19:53	04:55	20:07	04:39	20:10	05:06	20:03	04:50	20:08
03	04:33	19:49	05:47	20:12	04:57	20:05	06:11	20:31	05:07	20:02	06:19	20:31
04	04:34	19:47	07:17	20:29	04:58	20:04	07:40	20:49	05:08	20:00	07:46	20:51
05	04:36	19:45	08:44	20:44	04:59	20:02	09:05	21:05	05:10	19:59	09:09	21:10
06	04:37	19:44	10:08	20:59	05:01	20:01	10:28	21:21	05:11	19:57	10:29	21:28
07	04:39	19:42	11:30	21:16	05:02	19:59	11:49	21:40	05:12	19:56	11:48	21:49
08	04:41	19:40	12:51	21:37	05:04	19:57	13:09	22:01	05:13	19:54	13:04	22:13
09	04:42	19:38	14:09	22:03	05:05	19:55	14:25	22:29	05:15	19:53	14:19	22:43
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22	05:02	19:13	20:24	10:50	05:25	19:31	20:48	11:08	05:32	19:30	20:58	11:06
23	05:04	19:11	20:46	12:07	05:26	19:29	21:10	12:24	05:34	19:28	21:23	12:20
24	05:05	19:09	21:15	13:26	05:28	19:27	21:41	13:42	05:35	19:26	21:55	13:35
25	05:07	19:06	21:57	14:42	05:29	19:25	22:24	14:57	05:37	19:24	22:40	14:48
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29	05:13	18:58	01:38	17:53	05:35	19:16	02:04	18:10	05:42	19:16	02:17	18:06
30	05:15	18:56	03:10	18:14	05:37	19:14	03:35	18:33	05:43	19:14	03:45	18:31
31	05:16	18:54	04:42	18:32	05:38	19:12	05:05	18:52	05:45	19:12	05:13	18:53

August 2027

	HAMBURG				HANNOVER				KÖLN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	04:35	20:17	02:41	19:55	04:41	20:13	02:50	19:50	04:58	20:19	03:10	19:55
02	04:37	20:15	04:18	20:16	04:42	20:11	04:25	20:13	04:59	20:17	04:43	20:20
03	04:38	20:13	05:56	20:32	04:44	20:09	06:00	20:31	05:01	20:15	06:16	20:40
04	04:40	20:11	07:30	20:45	04:46	20:08	07:33	20:45	05:02	20:14	07:46	20:56
05	04:42	20:09	09:00	20:57	04:47	20:06	09:01	20:59	05:03	20:12	09:13	21:11
06	04:43	20:08	10:28	21:09	04:49	20:04	10:27	21:13	05:05	20:10	10:37	21:27
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08	04:47	20:04	13:18	21:40	04:52	20:00	13:14	21:47	05:08	20:07	13:19	22:05
09	04:48	20:02	14:39	22:03	04:54	19:59	14:33	22:12	05:10	20:05	14:37	22:31
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12	04:54	19:56	17:50	—	04:59	19:53	17:42	—	05:14	19:59	17:43	—
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24	05:14	19:29	21:15	13:56	05:18	19:28	21:24	13:50	05:33	19:35	21:44	13:54
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31	05:27	19:13	04:53	18:50	05:30	19:12	04:56	18:50	05:44	19:20	05:11	19:00

August 2027

	LEIPZIG				MÜNCHEN				NÜRNBERG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	04:34	19:58	02:45	19:34	04:49	19:50	03:05	19:24	04:47	19:57	03:00	19:31
02	04:36	19:57	04:18	19:59	04:50	19:49	04:34	19:53	04:48	19:55	04:31	19:59
03	04:37	19:55	05:52	20:18	04:52	19:47	06:03	20:16	04:49	19:54	06:02	20:20
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07	04:44	19:48	11:37	21:21	04:57	19:41	11:32	21:34	04:55	19:47	11:38	21:32
08	04:45	19:46	12:58	21:41	04:58	19:40	12:49	21:57	04:56	19:46	12:56	21:54
09	04:47	19:45	14:16	22:07	05:00	19:38	14:04	22:27	04:58	19:44	14:12	22:22
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22	05:07	19:19	20:29	10:56	05:17	19:15	20:42	10:51	05:16	19:20	20:40	10:56
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25	05:12	19:13	22:01	14:50	05:21	19:09	22:24	14:34	05:21	19:14	22:18	14:43
26	05:13	19:10	22:59	15:57	05:23	19:07	23:23	15:40	05:22	19:12	23:17	15:50
27	05:15	19:08	—	16:51	05:24	19:06	—	16:36	05:24	19:10	—	16:45
28	05:16	19:06	00:15	17:31	05:25	19:04	00:37	17:18	05:25	19:08	00:32	17:26
29	05:18	19:04	01:43	17:59	05:27	19:02	02:01	17:51	05:27	19:06	01:57	17:57
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31	05:21	19:00	04:47	18:38	05:30	18:58	04:57	18:38	05:30	19:02	04:56	18:41

August 2027

	ROSTOCK				SAARBRÜCKEN				STUTT GART			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
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02	04:26	20:09	04:06	20:09	05:05	20:11	04:49	20:15	04:58	20:01	04:42	20:05
03	04:27	20:07	05:45	20:24	05:06	20:09	06:20	20:37	04:59	19:59	06:12	20:27
04	04:29	20:05	07:20	20:37	05:08	20:08	07:48	20:55	05:00	19:58	07:39	20:46
05	04:31	20:03	08:51	20:48	05:09	20:06	09:12	21:12	05:02	19:56	09:03	21:04
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26	05:08	19:17	22:38	16:20	05:39	19:28	23:35	16:06	05:31	19:18	23:29	15:54
27	05:10	19:15	23:57	17:12	05:41	19:26	—	17:01	05:33	19:16	—	16:49
28	05:12	19:13	—	17:47	05:42	19:24	00:50	17:42	05:34	19:14	00:43	17:31
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30	05:15	19:08	03:06	18:29	05:45	19:20	03:45	18:38	05:37	19:10	03:37	18:28
31	05:17	19:05	04:43	18:42	05:46	19:18	05:14	18:58	05:38	19:08	05:06	18:48

SEPTEMBER 2027

HAUPTKALENDARIUM

Datum	Jahres- tag	Kalen- der- wo- che	Sonn- und Feiertage	Son- nen- lauf	Mondlauf		
					Phase	Länge im Tierkreis	Mondwenden Entfernung Mondknoten
01 Mi	244				♍	11°	
02 Do	245				♍	26°	
03 Fr	246				♎	11°	
04 Sa	247				♎	25°	
05 So	248		15. So. nach Trinitatis		♏	09°	
06 Mo	249	36			♏	22°	
07 Di	250			☉	♏	05°	
08 Mi	251		Mariä Geburt		♏	17°	Südw.
09 Do	252				♏	29°	
10 Fr	253				♐	11°	
11 Sa	254				♐	23°	
12 So	255		16. So. nach Trinitatis		♐	05°	Erdferne; ♁
13 Mo	256	37			♐	17°	
14 Di	257				♐	29°	
15 Mi	258				♑	11°	
16 Do	259			☉	♑	23°	
17 Fr	260				♑	05°	
18 Sa	261				♑	18°	
19 So	262		17. So. nach Trinitatis		♒	00°	
20 Mo	263	38			♒	13°	
21 Di	264		Weltkindertag		♒	27°	
22 Mi	265				♒	10°	Nordw.
23 Do	266			♎*)	♒	24°	
24 Fr	267				♓	08°	
25 Sa	268				♓	22°	
26 So	269		18. So. nach Trinitatis		♓	06°	♃
27 Mo	270	39			♓	21°	Erdnähe
28 Di	271				♏	05°	
29 Mi	272		Michaelstag		♏	20°	
30 Do	273			☉	♎	05°	

*) Am 23. September um 07:02 Uhr MEZ tritt die Sonne ins Zeichen Waage (♎) (Herbstanfang, Tagundnachtgleiche)

September 2027

	KASSEL				BERLIN				BREMEN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	05:34	19:09	06:29	19:05	05:17	18:55	06:12	18:49	05:34	19:14	06:31	19:08
02	05:36	19:07	07:57	19:20	05:18	18:53	07:41	19:03	05:36	19:12	08:01	19:21
03	05:38	19:04	09:22	19:37	05:20	18:51	09:08	19:18	05:38	19:10	09:29	19:35
04	05:39	19:02	10:46	19:56	05:22	18:48	10:34	19:36	05:39	19:07	10:56	19:52
05	05:41	19:00	12:08	20:20	05:23	18:46	11:58	19:58	05:41	19:05	12:20	20:14
06	05:42	18:58	13:26	20:52	05:25	18:44	13:17	20:28	05:43	19:03	13:40	20:43
07	05:44	18:55	14:34	21:34	05:27	18:41	14:26	21:09	05:44	19:00	14:50	21:23
08	05:45	18:53	15:30	22:26	05:28	18:39	15:23	22:01	05:46	18:58	15:46	22:16
09	05:47	18:51	16:13	23:29	05:30	18:37	16:06	23:04	05:48	18:56	16:28	23:20
10	05:49	18:49	16:46	—	05:32	18:34	16:37	—	05:49	18:53	16:59	—
11	05:50	18:46	17:09	00:37	05:33	18:32	16:59	00:14	05:51	18:51	17:20	00:30
12	05:52	18:44	17:28	01:48	05:35	18:30	17:16	01:27	05:53	18:48	17:37	01:43
13	05:53	18:42	17:43	02:59	05:37	18:27	17:30	02:39	05:55	18:46	17:50	02:57
14	05:55	18:39	17:56	04:10	05:38	18:25	17:42	03:51	05:56	18:44	18:01	04:09
15	05:56	18:37	18:08	05:20	05:40	18:22	17:52	05:03	05:58	18:41	18:11	05:22
16	05:58	18:35	18:20	06:31	05:42	18:20	18:03	06:15	06:00	18:39	18:21	06:35
17	06:00	18:33	18:33	07:43	05:43	18:18	18:15	07:29	06:01	18:36	18:32	07:49
18	06:01	18:30	18:49	08:57	05:45	18:15	18:29	08:44	06:03	18:34	18:46	09:05
19	06:03	18:28	19:08	10:14	05:47	18:13	18:47	10:03	06:05	18:31	19:03	10:24
20	06:04	18:26	19:35	11:33	05:48	18:11	19:12	11:23	06:07	18:29	19:27	11:45
21	06:06	18:23	20:12	12:50	05:50	18:08	19:48	12:41	06:08	18:27	20:02	13:05
22	06:08	18:21	21:03	14:00	05:52	18:06	20:38	13:52	06:10	18:24	20:53	14:15
23	06:09	18:19	22:11	14:57	05:53	18:03	21:46	14:49	06:12	18:22	22:01	15:12
24	06:11	18:16	23:32	15:40	05:55	18:01	23:09	15:31	06:13	18:19	23:25	15:53
25	06:12	18:14	—	16:11	05:57	17:59	—	16:01	06:15	18:17	—	16:22
26	06:14	18:12	01:00	16:35	05:59	17:56	00:38	16:23	06:17	18:14	00:55	16:43
27	06:16	18:10	02:29	16:53	06:00	17:54	02:09	16:40	06:19	18:12	02:27	16:59
28	06:17	18:07	03:57	17:09	06:02	17:52	03:39	16:54	06:20	18:10	03:58	17:13
29	06:19	18:05	05:24	17:25	06:04	17:49	05:08	17:08	06:22	18:07	05:28	17:26
30	06:20	18:03	06:51	17:41	06:05	17:47	06:36	17:23	06:24	18:05	06:56	17:40

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Sept. 32m.
Tagesl. am 1. Sept. 13h30m, am 30. Sept. 11h43m; somit Abnahme der Tagesl. im Sept. 1h47m.

September 2027

	DRESDEN				FRANKFURT/M.				FREIBURG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	05:18	18:51	06:11	18:48	05:40	19:10	06:33	19:09	05:46	19:10	06:38	19:12
02	05:19	18:49	07:38	19:04	05:41	19:08	07:59	19:25	05:47	19:08	08:01	19:31
03	05:21	18:47	09:04	19:20	05:43	19:06	09:23	19:43	05:49	19:06	09:22	19:52
04	05:22	18:45	10:28	19:40	05:44	19:04	10:46	20:04	05:50	19:04	10:43	20:15
05	05:24	18:43	11:49	20:04	05:46	19:02	12:06	20:30	05:52	19:02	12:00	20:43
06	05:26	18:40	13:06	20:36	05:47	18:59	13:22	21:03	05:53	19:00	13:14	21:18
07	05:27	18:38	14:14	21:18	05:49	18:57	14:29	21:45	05:54	18:58	14:20	22:01
08	05:29	18:36	15:11	22:10	05:50	18:55	15:25	22:38	05:56	18:56	15:16	22:54
09	05:30	18:34	15:54	23:13	05:52	18:53	16:09	23:40	05:57	18:54	16:00	23:55
10	05:32	18:31	16:27	—	05:53	18:51	16:42	—	05:58	18:52	16:35	—
11	05:33	18:29	16:51	00:21	05:55	18:49	17:07	00:47	06:00	18:50	17:02	01:00
12	05:35	18:27	17:10	01:31	05:56	18:46	17:27	01:56	06:01	18:48	17:24	02:08
13	05:37	18:25	17:25	02:42	05:58	18:44	17:43	03:06	06:02	18:46	17:42	03:15
14	05:38	18:22	17:38	03:53	05:59	18:42	17:58	04:16	06:04	18:44	17:59	04:23
15	05:40	18:20	17:51	05:03	06:01	18:40	18:11	05:25	06:05	18:42	18:14	05:30
16	05:41	18:18	18:03	06:13	06:02	18:37	18:24	06:34	06:06	18:40	18:29	06:37
17	05:43	18:15	18:16	07:25	06:04	18:35	18:39	07:45	06:08	18:38	18:46	07:46
18	05:44	18:13	18:32	08:39	06:05	18:33	18:55	08:58	06:09	18:36	19:04	08:56
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20	05:48	18:09	19:19	11:14	06:08	18:29	19:44	11:30	06:12	18:31	19:58	11:24
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22	05:51	18:04	20:47	13:40	06:11	18:24	21:15	13:55	06:15	18:27	21:31	13:46
23	05:52	18:02	21:55	14:37	06:13	18:22	22:22	14:52	06:16	18:25	22:38	14:43
24	05:54	18:00	23:15	15:21	06:14	18:20	23:42	15:36	06:17	18:23	23:56	15:29
25	05:55	17:57	—	15:53	06:16	18:18	—	16:09	06:19	18:21	—	16:04
26	05:57	17:55	00:43	16:17	06:17	18:15	01:08	16:34	06:20	18:19	01:19	16:32
27	05:59	17:53	02:12	16:36	06:19	18:13	02:36	16:55	06:22	18:17	02:44	16:55
28	06:00	17:51	03:40	16:52	06:20	18:11	04:02	17:12	06:23	18:15	04:08	17:15
29	06:02	17:48	05:06	17:08	06:22	18:09	05:28	17:29	06:24	18:13	05:31	17:34
30	06:03	17:46	06:32	17:24	06:23	18:07	06:52	17:46	06:26	18:11	06:53	17:53

September 2027

	HAMBURG				HANNOVER				KÖLN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	05:28	19:11	06:26	19:03	05:32	19:10	06:28	19:04	05:45	19:18	06:40	19:16
02	05:30	19:08	07:56	19:15	05:33	19:07	07:56	19:18	05:47	19:16	08:07	19:31
03	05:32	19:06	09:25	19:29	05:35	19:05	09:23	19:33	05:48	19:14	09:32	19:48
04	05:34	19:03	10:53	19:45	05:37	19:03	10:49	19:51	05:50	19:12	10:56	20:08
05	05:35	19:01	12:18	20:06	05:38	19:00	12:13	20:14	05:51	19:09	12:17	20:33
06	05:37	18:59	13:38	20:35	05:40	18:58	13:31	20:44	05:53	19:07	13:34	21:05
07	05:39	18:56	14:49	21:15	05:42	18:56	14:41	21:25	05:54	19:05	14:42	21:47
08	05:41	18:54	15:45	22:07	05:43	18:53	15:37	22:18	05:56	19:03	15:38	22:40
09	05:42	18:51	16:27	23:11	05:45	18:51	16:20	23:21	05:58	19:01	16:21	23:42
10	05:44	18:49	16:57	—	05:47	18:49	16:51	—	05:59	18:58	16:54	—
11	05:46	18:47	17:18	00:22	05:48	18:46	17:13	00:30	06:01	18:56	17:18	00:50
12	05:48	18:44	17:34	01:36	05:50	18:44	17:30	01:43	06:02	18:54	17:37	02:00
13	05:49	18:42	17:46	02:50	05:51	18:42	17:44	02:55	06:04	18:52	17:52	03:11
14	05:51	18:39	17:57	04:04	05:53	18:39	17:56	04:07	06:05	18:49	18:05	04:21
15	05:53	18:37	18:06	05:16	05:55	18:37	18:07	05:18	06:07	18:47	18:18	05:31
16	05:55	18:34	18:16	06:30	05:56	18:35	18:18	06:30	06:08	18:45	18:30	06:42
17	05:56	18:32	18:27	07:44	05:58	18:32	18:30	07:44	06:10	18:43	18:44	07:53
18	05:58	18:29	18:40	09:02	06:00	18:30	18:44	08:59	06:12	18:40	19:00	09:07
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20	06:02	18:24	19:20	11:43	06:03	18:25	19:28	11:38	06:15	18:36	19:47	11:42
21	06:03	18:22	19:54	13:03	06:05	18:23	20:04	12:56	06:16	18:33	20:24	12:58
22	06:05	18:19	20:44	14:14	06:06	18:20	20:54	14:06	06:18	18:31	21:16	14:08
23	06:07	18:17	21:53	15:11	06:08	18:18	22:03	15:03	06:19	18:29	22:24	15:05
24	06:09	18:15	23:17	15:52	06:10	18:16	23:25	15:45	06:21	18:27	23:45	15:48
25	06:10	18:12	—	16:20	06:11	18:13	—	16:15	06:22	18:24	—	16:20
26	06:12	18:10	00:48	16:40	06:13	18:11	00:54	16:37	06:24	18:22	01:12	16:44
27	06:14	18:07	02:21	16:55	06:15	18:08	02:25	16:54	06:26	18:20	02:41	17:03
28	06:16	18:05	03:52	17:09	06:16	18:06	03:55	17:09	06:27	18:18	04:09	17:19
29	06:17	18:02	05:23	17:21	06:18	18:04	05:24	17:23	06:29	18:15	05:35	17:35
30	06:19	18:00	06:52	17:34	06:20	18:01	06:51	17:38	06:30	18:13	07:01	17:52

September 2027

	LEIPZIG				MÜNCHEN				NÜRNBERG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	05:23	18:57	06:17	18:54	05:31	18:56	06:22	18:57	05:31	19:00	06:23	18:59
02	05:24	18:55	07:44	19:09	05:32	18:54	07:45	19:16	05:32	18:57	07:48	19:17
03	05:26	18:53	09:10	19:25	05:34	18:52	09:07	19:36	05:34	18:55	09:12	19:35
04	05:28	18:51	10:34	19:45	05:35	18:50	10:27	19:59	05:35	18:53	10:34	19:57
05	05:29	18:48	11:56	20:09	05:36	18:48	11:45	20:27	05:37	18:51	11:53	20:23
06	05:31	18:46	13:14	20:40	05:38	18:46	12:59	21:02	05:38	18:49	13:08	20:57
07	05:32	18:44	14:22	21:22	05:39	18:44	14:05	21:45	05:40	18:47	14:15	21:39
08	05:34	18:42	15:18	22:14	05:41	18:41	15:01	22:38	05:41	18:45	15:11	22:32
09	05:35	18:39	16:02	23:16	05:42	18:39	15:46	23:39	05:43	18:43	15:55	23:33
10	05:37	18:37	16:34	—	05:43	18:37	16:21	—	05:44	18:41	16:29	—
11	05:39	18:35	16:58	00:25	05:45	18:35	16:48	00:44	05:46	18:38	16:55	00:40
12	05:40	18:33	17:16	01:36	05:46	18:33	17:09	01:52	05:47	18:36	17:15	01:49
13	05:42	18:30	17:31	02:47	05:47	18:31	17:28	03:00	05:48	18:34	17:32	02:58
14	05:43	18:28	17:44	03:58	05:49	18:29	17:44	04:07	05:50	18:32	17:47	04:07
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18	05:50	18:19	18:37	08:45	05:54	18:21	18:49	08:41	05:56	18:23	18:48	08:46
19	05:51	18:16	18:56	10:02	05:56	18:19	19:12	09:54	05:57	18:21	19:09	10:01
20	05:53	18:14	19:23	11:21	05:57	18:16	19:42	11:09	05:59	18:19	19:38	11:17
21	05:54	18:12	20:00	12:38	05:58	18:14	20:22	12:23	06:00	18:17	20:16	12:32
22	05:56	18:10	20:51	13:48	06:00	18:12	21:15	13:31	06:02	18:14	21:09	13:41
23	05:58	18:07	21:59	14:45	06:01	18:10	22:21	14:29	06:03	18:12	22:16	14:38
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25	06:01	18:03	—	16:00	06:04	18:06	—	15:50	06:06	18:08	—	15:57
26	06:02	18:00	00:47	16:23	06:05	18:04	01:03	16:17	06:07	18:06	01:00	16:23
27	06:04	17:58	02:17	16:42	06:07	18:02	02:28	16:40	06:09	18:04	02:27	16:44
28	06:06	17:56	03:45	16:58	06:08	18:00	03:52	17:00	06:10	18:02	03:53	17:02
29	06:07	17:54	05:12	17:13	06:10	17:58	05:15	17:18	06:12	17:59	05:17	17:20
30	06:09	17:51	06:38	17:29	06:11	17:56	06:37	17:38	06:13	17:57	06:41	17:38

September 2027

	ROSTOCK				SAARBRÜCKEN				STUTT GART			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	05:19	19:03	06:16	18:54	05:48	19:16	06:41	19:16	05:40	19:06	06:32	19:07
02	05:21	19:01	07:48	19:06	05:49	19:13	08:06	19:33	05:41	19:04	07:56	19:25
03	05:22	18:58	09:17	19:19	05:51	19:11	09:29	19:52	05:42	19:02	09:18	19:45
04	05:24	18:56	10:46	19:34	05:52	19:09	10:50	20:14	05:44	19:00	10:39	20:07
05	05:26	18:53	12:12	19:54	05:53	19:07	12:09	20:41	05:45	18:58	11:58	20:34
06	05:28	18:51	13:33	20:22	05:55	19:05	13:24	21:15	05:47	18:56	13:12	21:08
07	05:30	18:48	14:44	21:01	05:56	19:03	14:31	21:58	05:48	18:54	14:19	21:51
08	05:31	18:46	15:41	21:54	05:58	19:01	15:27	22:51	05:50	18:52	15:15	22:44
09	05:33	18:43	16:23	22:58	05:59	18:59	16:11	23:52	05:51	18:50	15:59	23:45
10	05:35	18:41	16:52	—	06:01	18:57	16:45	—	05:52	18:48	16:34	—
11	05:37	18:39	17:12	00:10	06:02	18:54	17:11	00:58	05:54	18:45	17:00	00:51
12	05:39	18:36	17:27	01:24	06:04	18:52	17:31	02:07	05:55	18:43	17:21	01:59
13	05:40	18:34	17:39	02:39	06:05	18:50	17:48	03:16	05:57	18:41	17:39	03:08
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15	05:44	18:29	17:58	05:07	06:08	18:46	18:17	05:32	05:59	18:37	18:08	05:23
16	05:46	18:26	18:07	06:21	06:09	18:44	18:32	06:41	06:01	18:35	18:23	06:32
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18	05:49	18:21	18:29	08:54	06:12	18:39	19:05	09:03	06:04	18:31	18:57	08:52
19	05:51	18:18	18:45	10:15	06:14	18:37	19:27	10:17	06:05	18:28	19:20	10:06
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21	05:55	18:13	19:41	12:58	06:16	18:33	20:35	12:48	06:08	18:24	20:28	12:36
22	05:56	18:11	20:31	14:10	06:18	18:31	21:27	13:56	06:09	18:22	21:21	13:45
23	05:58	18:08	21:40	15:06	06:19	18:29	22:34	14:54	06:11	18:20	22:28	14:42
24	06:00	18:06	23:04	15:46	06:21	18:26	23:53	15:39	06:12	18:18	23:46	15:27
25	06:02	18:04	—	16:14	06:22	18:24	—	16:13	06:14	18:16	—	16:02
26	06:04	18:01	00:36	16:33	06:24	18:22	01:18	16:39	06:15	18:13	01:11	16:29
27	06:05	17:59	02:10	16:48	06:25	18:20	02:45	17:00	06:16	18:11	02:37	16:50
28	06:07	17:56	03:43	17:00	06:27	18:18	04:10	17:19	06:18	18:09	04:02	17:09
29	06:09	17:54	05:14	17:12	06:28	18:16	05:35	17:36	06:19	18:07	05:25	17:28
30	06:11	17:51	06:44	17:24	06:30	18:14	06:58	17:55	06:21	18:05	06:48	17:47

OKTOBER 2027

HAUPTKALENDARIUM

Datum	Jahres- tag	Kalen- der- wo- che	Sonn- und Feiertage	Son- nen- lauf	Mondlauf		
					Phase	Länge im Tierkreis	Mondwenden Entfernung Mondknoten
01 Fr	274	40	Erntedanktag; 19. So. n. Tr. 1)			19°	Südw.
02 Sa	275					03°	
03 So	276					17°	
04 Mo	277	41	Quatemberwoche	☉		00°	Erdferne; ♁
05 Di	278					13°	
06 Mi	279					25°	
07 Do	280					08°	
08 Fr	281					20°	
09 Sa	282	42	20. So. nach Trinitatis	☽		01°	Nordw.
10 So	283					13°	
11 Mo	284					25°	
12 Di	285					07°	
13 Mi	286					19°	
14 Do	287					01°	
15 Fr	288					14°	
16 Sa	289	43	21. So. nach Trinitatis	☽		27°	Erdnähe
17 So	290					10°	
18 Mo	291					23°	
19 Di	292					07°	
20 Mi	293					21°	
21 Do	294	44	22. So. nach Trinitatis	☉		04°	♃
22 Fr	295					18°	
23 Sa	296					02°	
24 So	297	45	Gedenktag der Reformation	♃*)		16°	
25 Mo	298					01°	
26 Di	299					15°	
27 Mi	300					29°	
28 Do	301					13°	
29 Fr	302					27°	
30 Sa	303	46		☉		11°	
31 So	304					25°	

*) Am 23. Oktober um 16:33 Uhr MEZ tritt die Sonne ins Zeichen Skorpion (♃)

1) Tag der Dt. Einheit

Oktober 2027

	KASSEL				BERLIN				BREMEN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	06:22	18:01	08:16	17:59	06:07	17:45	08:03	17:39	06:26	18:02	08:24	17:56
02	06:24	17:58	09:41	18:21	06:09	17:42	09:30	18:00	06:27	18:00	09:51	18:16
03	06:25	17:56	11:02	18:50	06:10	17:40	10:53	18:27	06:29	17:58	11:15	18:42
04	06:27	17:54	12:16	19:28	06:12	17:37	12:08	19:04	06:31	17:55	12:32	19:19
05	06:29	17:52	13:19	20:17	06:14	17:35	13:12	19:53	06:33	17:53	13:35	20:07
06	06:30	17:49	14:08	21:17	06:16	17:33	14:01	20:53	06:34	17:51	14:24	21:08
07	06:32	17:47	14:45	22:24	06:17	17:31	14:37	22:01	06:36	17:48	14:59	22:16
08	06:33	17:45	15:12	23:34	06:19	17:28	15:02	23:12	06:38	17:46	15:24	23:29
09	06:35	17:43	15:32	—	06:21	17:26	15:21	—	06:40	17:44	15:42	—
10	06:37	17:41	15:49	00:45	06:23	17:24	15:36	00:25	06:42	17:41	15:56	00:42
11	06:38	17:38	16:02	01:56	06:24	17:21	15:49	01:37	06:43	17:39	16:08	01:55
12	06:40	17:36	16:15	03:06	06:26	17:19	16:00	02:48	06:45	17:37	16:19	03:07
13	06:42	17:34	16:27	04:17	06:28	17:17	16:11	04:00	06:47	17:34	16:29	04:19
14	06:43	17:32	16:40	05:28	06:30	17:15	16:23	05:13	06:49	17:32	16:41	05:33
15	06:45	17:30	16:56	06:43	06:31	17:12	16:37	06:29	06:51	17:30	16:54	06:49
16	06:47	17:28	17:14	08:00	06:33	17:10	16:54	07:48	06:52	17:28	17:10	08:09
17	06:49	17:25	17:39	09:19	06:35	17:08	17:17	09:08	06:54	17:25	17:33	09:31
18	06:50	17:23	18:13	10:38	06:37	17:06	17:50	10:29	06:56	17:23	18:04	10:52
19	06:52	17:21	19:01	11:51	06:39	17:04	18:36	11:43	06:58	17:21	18:51	12:06
20	06:54	17:19	20:04	12:52	06:40	17:02	19:39	12:44	07:00	17:19	19:54	13:08
21	06:55	17:17	21:20	13:39	06:42	16:59	20:56	13:30	07:01	17:16	21:12	13:53
22	06:57	17:15	22:44	14:13	06:44	16:57	22:22	14:03	07:03	17:14	22:39	14:25
23	06:59	17:13	—	14:38	06:46	16:55	23:50	14:27	07:05	17:12	—	14:47
24	07:00	17:11	00:11	14:58	06:48	16:53	—	14:45	07:07	17:10	00:08	15:05
25	07:02	17:09	01:36	15:14	06:49	16:51	01:18	15:00	07:09	17:08	01:36	15:19
26	07:04	17:07	03:01	15:30	06:51	16:49	02:44	15:14	07:11	17:06	03:03	15:32
27	07:06	17:05	04:24	15:45	06:53	16:47	04:09	15:28	07:13	17:04	04:29	15:45
28	07:07	17:03	05:48	16:02	06:55	16:45	05:35	15:43	07:14	17:02	05:55	16:00
29	07:09	17:02	07:12	16:22	06:57	16:43	07:00	16:02	07:16	17:00	07:22	16:18
30	07:11	17:00	08:35	16:48	06:58	16:41	08:25	16:26	07:18	16:58	08:47	16:42
31	07:13	16:58	09:54	17:23	07:00	16:39	09:45	16:59	07:20	16:56	10:08	17:14

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Okt. 33m.
Tagesl. am 1. Okt. 11h40m, am 31. Okt. 9h52m; somit Abnahme der Tagesl. im Okt. 1h48m.

Oktober 2027

	DRESDEN				FRANKFURT/M.				FREIBURG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	06:05	17:44	07:57	17:43	06:25	18:04	08:16	18:06	06:27	18:09	08:14	18:15
02	06:06	17:42	09:22	18:05	06:26	18:02	09:39	18:30	06:29	18:07	09:35	18:42
03	06:08	17:39	10:43	18:34	06:28	18:00	10:59	19:00	06:30	18:05	10:52	19:14
04	06:10	17:37	11:57	19:12	06:29	17:58	12:12	19:39	06:31	18:02	12:03	19:55
05	06:11	17:35	13:00	20:02	06:31	17:56	13:14	20:29	06:33	18:00	13:05	20:45
06	06:13	17:33	13:49	21:01	06:33	17:54	14:04	21:28	06:34	17:58	13:55	21:44
07	06:15	17:30	14:26	22:08	06:34	17:51	14:42	22:34	06:36	17:56	14:34	22:48
08	06:16	17:28	14:54	23:18	06:36	17:49	15:10	23:43	06:37	17:54	15:04	23:55
09	06:18	17:26	15:14	—	06:37	17:47	15:31	—	06:39	17:52	15:28	—
10	06:19	17:24	15:31	00:28	06:39	17:45	15:49	00:53	06:40	17:51	15:47	01:03
11	06:21	17:22	15:45	01:39	06:40	17:43	16:04	02:02	06:42	17:49	16:04	02:10
12	06:23	17:20	15:58	02:49	06:42	17:41	16:18	03:11	06:43	17:47	16:20	03:17
13	06:24	17:17	16:10	03:59	06:44	17:39	16:31	04:20	06:44	17:45	16:35	04:24
14	06:26	17:15	16:24	05:10	06:45	17:37	16:46	05:31	06:46	17:43	16:52	05:32
15	06:28	17:13	16:39	06:24	06:47	17:35	17:02	06:43	06:47	17:41	17:10	06:43
16	06:29	17:11	16:58	07:41	06:48	17:33	17:22	07:59	06:49	17:39	17:33	07:56
17	06:31	17:09	17:23	09:00	06:50	17:31	17:48	09:17	06:50	17:37	18:01	09:11
18	06:33	17:07	17:57	10:18	06:52	17:29	18:24	10:34	06:52	17:35	18:38	10:27
19	06:35	17:05	18:45	11:31	06:53	17:27	19:12	11:46	06:53	17:33	19:28	11:37
20	06:36	17:03	19:48	12:33	06:55	17:25	20:15	12:48	06:55	17:31	20:31	12:38
21	06:38	17:01	21:04	13:20	06:56	17:23	21:30	13:35	06:56	17:30	21:45	13:27
22	06:40	16:59	22:27	13:54	06:58	17:21	22:53	14:11	06:58	17:28	23:05	14:05
23	06:41	16:57	23:53	14:20	07:00	17:19	—	14:37	06:59	17:26	—	14:34
24	06:43	16:55	—	14:40	07:01	17:17	00:18	14:59	07:01	17:24	00:27	14:58
25	06:45	16:53	01:19	14:57	07:03	17:15	01:42	15:17	07:02	17:22	01:49	15:18
26	06:46	16:51	02:43	15:13	07:05	17:13	03:05	15:33	07:04	17:21	03:09	15:37
27	06:48	16:49	04:06	15:28	07:06	17:11	04:27	15:50	07:05	17:19	04:29	15:56
28	06:50	16:47	05:30	15:46	07:08	17:09	05:49	16:08	07:07	17:17	05:49	16:17
29	06:52	16:45	06:54	16:06	07:10	17:08	07:12	16:30	07:08	17:16	07:08	16:41
30	06:53	16:43	08:16	16:32	07:11	17:06	08:33	16:58	07:10	17:14	08:27	17:11
31	06:55	16:42	09:34	17:07	07:13	17:04	09:50	17:33	07:11	17:12	09:42	17:48

Oktober 2027

	HAMBURG				HANNOVER				KÖLN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	06:21	17:57	08:21	17:49	06:21	17:59	08:18	17:54	06:32	18:11	08:26	18:10
02	06:23	17:55	09:49	18:08	06:23	17:57	09:44	18:15	06:34	18:09	09:50	18:33
03	06:25	17:53	11:13	18:34	06:25	17:54	11:07	18:43	06:35	18:06	11:11	19:03
04	06:26	17:50	12:30	19:10	06:27	17:52	12:23	19:20	06:37	18:04	12:25	19:41
05	06:28	17:48	13:34	19:58	06:28	17:50	13:26	20:09	06:38	18:02	13:27	20:31
06	06:30	17:45	14:23	20:59	06:30	17:48	14:15	21:09	06:40	18:00	14:16	21:30
07	06:32	17:43	14:57	22:08	06:32	17:45	14:50	22:17	06:42	17:58	14:53	22:37
08	06:34	17:41	15:21	23:21	06:34	17:43	15:16	23:28	06:43	17:55	15:21	23:47
09	06:36	17:38	15:39	—	06:35	17:41	15:36	—	06:45	17:53	15:41	—
10	06:37	17:36	15:53	00:35	06:37	17:38	15:51	00:41	06:47	17:51	15:58	00:57
11	06:39	17:34	16:04	01:49	06:39	17:36	16:03	01:52	06:48	17:49	16:12	02:07
12	06:41	17:31	16:14	03:01	06:40	17:34	16:15	03:04	06:50	17:47	16:25	03:17
13	06:43	17:29	16:24	04:14	06:42	17:32	16:26	04:15	06:52	17:45	16:38	04:27
14	06:45	17:27	16:35	05:29	06:44	17:29	16:38	05:28	06:53	17:43	16:51	05:39
15	06:47	17:24	16:48	06:46	06:46	17:27	16:52	06:44	06:55	17:40	17:07	06:52
16	06:48	17:22	17:03	08:06	06:47	17:25	17:09	08:02	06:56	17:38	17:26	08:09
17	06:50	17:20	17:25	09:28	06:49	17:23	17:33	09:23	06:58	17:36	17:51	09:28
18	06:52	17:17	17:56	10:50	06:51	17:21	18:05	10:43	07:00	17:34	18:26	10:46
19	06:54	17:15	18:42	12:05	06:53	17:18	18:52	11:57	07:01	17:32	19:14	11:59
20	06:56	17:13	19:45	13:06	06:55	17:16	19:55	12:58	07:03	17:30	20:17	13:00
21	06:58	17:11	21:04	13:51	06:56	17:14	21:13	13:44	07:05	17:28	21:33	13:47
22	07:00	17:09	22:31	14:22	06:58	17:12	22:38	14:17	07:06	17:26	22:57	14:22
23	07:01	17:06	—	14:44	07:00	17:10	—	14:41	07:08	17:24	—	14:47
24	07:03	17:04	00:01	15:01	07:02	17:08	00:06	14:59	07:10	17:22	00:22	15:07
25	07:05	17:02	01:30	15:15	07:04	17:06	01:33	15:14	07:12	17:20	01:48	15:24
26	07:07	17:00	02:58	15:27	07:05	17:04	02:59	15:28	07:13	17:18	03:12	15:40
27	07:09	16:58	04:24	15:40	07:07	17:02	04:24	15:43	07:15	17:16	04:35	15:56
28	07:11	16:56	05:51	15:54	07:09	17:00	05:50	15:58	07:17	17:14	05:58	16:13
29	07:13	16:54	07:19	16:11	07:11	16:58	07:15	16:17	07:18	17:13	07:22	16:34
30	07:15	16:52	08:45	16:34	07:13	16:56	08:40	16:42	07:20	17:11	08:44	17:01
31	07:17	16:50	10:06	17:06	07:14	16:54	09:59	17:15	07:22	17:09	10:02	17:35

Oktober 2027

	LEIPZIG				MÜNCHEN				NÜRNBERG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	06:10	17:49	08:04	17:47	06:12	17:54	07:59	18:00	06:15	17:55	08:04	17:58
02	06:12	17:47	09:29	18:09	06:14	17:52	09:20	18:26	06:16	17:53	09:27	18:23
03	06:14	17:45	10:50	18:38	06:15	17:50	10:37	18:58	06:18	17:51	10:46	18:54
04	06:15	17:42	12:04	19:16	06:17	17:48	11:49	19:39	06:19	17:49	11:58	19:33
05	06:17	17:40	13:07	20:05	06:18	17:46	12:50	20:29	06:21	17:47	13:00	20:23
06	06:19	17:38	13:57	21:05	06:19	17:44	13:40	21:28	06:22	17:45	13:50	21:22
07	06:20	17:36	14:33	22:12	06:21	17:42	14:19	22:32	06:24	17:42	14:28	22:28
08	06:22	17:33	15:00	23:22	06:22	17:39	14:49	23:39	06:25	17:40	14:57	23:36
09	06:24	17:31	15:21	—	06:24	17:37	15:13	—	06:27	17:38	15:19	—
10	06:25	17:29	15:37	00:33	06:25	17:36	15:33	00:47	06:29	17:36	15:38	00:45
11	06:27	17:27	15:51	01:44	06:27	17:34	15:49	01:54	06:30	17:34	15:53	01:53
12	06:29	17:25	16:03	02:54	06:28	17:32	16:05	03:01	06:32	17:32	16:08	03:02
13	06:30	17:22	16:16	04:04	06:30	17:30	16:20	04:08	06:33	17:30	16:22	04:10
14	06:32	17:20	16:29	05:16	06:31	17:28	16:36	05:17	06:35	17:28	16:37	05:20
15	06:34	17:18	16:44	06:30	06:33	17:26	16:55	06:27	06:36	17:26	16:54	06:32
16	06:35	17:16	17:03	07:48	06:34	17:24	17:17	07:41	06:38	17:24	17:15	07:47
17	06:37	17:14	17:27	09:07	06:36	17:22	17:45	08:56	06:39	17:22	17:41	09:04
18	06:39	17:12	18:01	10:26	06:37	17:20	18:22	10:12	06:41	17:20	18:17	10:21
19	06:40	17:10	18:48	11:39	06:39	17:18	19:12	11:23	06:43	17:18	19:06	11:32
20	06:42	17:08	19:51	12:40	06:40	17:16	20:14	12:24	06:44	17:16	20:09	12:34
21	06:44	17:06	21:08	13:27	06:42	17:14	21:28	13:13	06:46	17:14	21:24	13:22
22	06:46	17:04	22:32	14:01	06:43	17:13	22:49	13:50	06:47	17:12	22:46	13:58
23	06:47	17:02	23:58	14:27	06:45	17:11	—	14:19	06:49	17:10	—	14:26
24	06:49	17:00	—	14:46	06:46	17:09	00:11	14:43	06:51	17:09	00:09	14:48
25	06:51	16:58	01:24	15:03	06:48	17:07	01:33	15:03	06:52	17:07	01:33	15:06
26	06:53	16:56	02:49	15:18	06:49	17:06	02:53	15:22	06:54	17:05	02:55	15:24
27	06:54	16:54	04:12	15:33	06:51	17:04	04:13	15:41	06:55	17:03	04:16	15:41
28	06:56	16:52	05:36	15:50	06:52	17:02	05:33	16:01	06:57	17:01	05:38	16:00
29	06:58	16:50	07:00	16:11	06:54	17:00	06:53	16:25	06:59	17:00	06:59	16:23
30	06:59	16:48	08:23	16:37	06:55	16:59	08:12	16:55	07:00	16:58	08:20	16:51
31	07:01	16:46	09:42	17:11	06:57	16:57	09:27	17:32	07:02	16:56	09:36	17:27

Oktober 2027

	ROSTOCK				SAARBRÜCKEN				STUTTGART			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	06:13	17:49	08:13	17:39	06:31	18:11	08:21	18:15	06:22	18:03	08:11	18:08
02	06:15	17:46	09:42	17:57	06:33	18:09	09:43	18:40	06:24	18:01	09:32	18:33
03	06:16	17:44	11:08	18:22	06:34	18:07	11:02	19:12	06:25	17:59	10:50	19:05
04	06:18	17:41	12:25	18:57	06:36	18:05	12:14	19:52	06:27	17:57	12:02	19:45
05	06:20	17:39	13:30	19:45	06:37	18:03	13:16	20:42	06:28	17:55	13:04	20:35
06	06:22	17:36	14:18	20:46	06:39	18:01	14:06	21:41	06:30	17:53	13:54	21:34
07	06:24	17:34	14:52	21:56	06:40	17:59	14:44	22:46	06:31	17:51	14:32	22:39
08	06:26	17:32	15:16	23:09	06:42	17:57	15:13	23:54	06:33	17:49	15:02	23:47
09	06:28	17:29	15:33	—	06:43	17:55	15:35	—	06:34	17:46	15:25	—
10	06:29	17:27	15:46	00:24	06:45	17:53	15:54	01:03	06:35	17:44	15:44	00:55
11	06:31	17:24	15:57	01:38	06:46	17:51	16:09	02:11	06:37	17:42	16:00	02:03
12	06:33	17:22	16:06	02:52	06:48	17:49	16:24	03:19	06:38	17:40	16:15	03:10
13	06:35	17:20	16:15	04:05	06:49	17:47	16:38	04:27	06:40	17:38	16:30	04:18
14	06:37	17:17	16:25	05:20	06:51	17:45	16:54	05:37	06:42	17:36	16:45	05:27
15	06:39	17:15	16:37	06:38	06:52	17:43	17:11	06:49	06:43	17:34	17:03	06:39
16	06:41	17:13	16:52	07:59	06:54	17:41	17:32	08:03	06:45	17:33	17:25	07:53
17	06:43	17:10	17:13	09:22	06:55	17:39	17:59	09:20	06:46	17:31	17:52	09:09
18	06:45	17:08	17:44	10:45	06:57	17:37	18:35	10:37	06:48	17:29	18:29	10:25
19	06:46	17:06	18:29	12:00	06:59	17:35	19:24	11:48	06:49	17:27	19:18	11:36
20	06:48	17:03	19:32	13:02	07:00	17:33	20:27	12:49	06:51	17:25	20:21	12:37
21	06:50	17:01	20:51	13:46	07:02	17:31	21:42	13:37	06:52	17:23	21:35	13:26
22	06:52	16:59	22:20	14:17	07:03	17:29	23:04	14:14	06:54	17:21	22:56	14:03
23	06:54	16:57	23:50	14:38	07:05	17:27	—	14:42	06:55	17:19	—	14:31
24	06:56	16:55	—	14:54	07:06	17:25	00:27	15:04	06:57	17:17	00:19	14:54
25	06:58	16:52	01:20	15:07	07:08	17:23	01:50	15:23	06:58	17:16	01:42	15:13
26	07:00	16:50	02:48	15:18	07:10	17:22	03:12	15:40	07:00	17:14	03:03	15:31
27	07:02	16:48	04:16	15:30	07:11	17:20	04:33	15:58	07:02	17:12	04:24	15:50
28	07:04	16:46	05:44	15:44	07:13	17:18	05:55	16:17	07:03	17:10	05:44	16:10
29	07:06	16:44	07:12	16:00	07:14	17:16	07:16	16:40	07:05	17:09	07:05	16:33
30	07:08	16:42	08:39	16:22	07:16	17:15	08:36	17:09	07:06	17:07	08:25	17:02
31	07:10	16:40	10:01	16:53	07:18	17:13	09:52	17:45	07:08	17:05	09:41	17:39

NOVEMBER 2027

HAUPTKALENDARIUM

Datum	Wochentag	Jahres-tag	Kalender-woche	Sonn- und Feiertage	Sonnenlauf	Mondlauf		
						Phase	Länge im Tierkreis	Mondwenden Entfernung Mondknoten
01	Mo	305	44	Allerheiligen Allerseelen			♈ 08°	Südw. ♁ Erdferne
02	Di	306				♈ 21°		
03	Mi	307				♈ 03°		
04	Do	308				♈ 15°		
05	Fr	309				♈ 27°		
06	Sa	310				♁ 09°		
07	So	311				♁ 21°	Drittletzter So. d. Kirchenjahres	
08	Mo	312	45	Martinstag			♌ 03°	Nordw. ♁ Erdnähe; ♃
09	Di	313				♌ 15°		
10	Mi	314				♌ 27°		
11	Do	315				♍ 10°		
12	Fr	316				♍ 22°		
13	Sa	317				♍ 06°		
14	So	318				♍ 19°	Vorl. So. d. Kj.; Volkstrauertag	
15	Mo	319	46	Buß- und Betttag			♍ 03°	Nordw. ♁ Erdnähe; ♃
16	Di	320				♍ 17°		
17	Mi	321				♎ 01°		
18	Do	322				♎ 15°		
19	Fr	323				♎ 29°		
20	Sa	324				♎ 13°		
21	So	325				♎ 27°	Letzter So. d. Kirchenjahres 1)	
22	Mo	326	47		♏*)		♏ 11°	Südw.
23	Di	327				♏ 25°		
24	Mi	328				♏ 09°		
25	Do	329				♏ 23°		
26	Fr	330				♏ 07°		
27	Sa	331				♏ 20°		
28	So	332				♏ 03°	1. Advent	
29	Mo	333	48				♏ 16°	Südw.
30	Di	334				♏ 29°		

*) Am 22. November um 14:16 Uhr MEZ tritt die Sonne ins Zeichen Schütze (♏)

1) Der letzte Sonntag des Kirchenjahres wird meistens als Ewigkeits- oder Totensonntag begangen.

November 2027

	KASSEL				BERLIN				BREMEN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	07:14	16:56	11:03	18:08	07:02	16:37	10:55	17:43	07:22	16:54	11:18	17:58
02	07:16	16:54	11:59	19:04	07:04	16:35	11:51	18:39	07:24	16:52	12:14	18:54
03	07:18	16:53	12:41	20:09	07:06	16:34	12:33	19:45	07:26	16:50	12:55	20:01
04	07:20	16:51	13:12	21:19	07:08	16:32	13:03	20:56	07:28	16:48	13:24	21:13
05	07:21	16:49	13:35	22:30	07:09	16:30	13:24	22:09	07:30	16:46	13:45	22:26
06	07:23	16:47	13:53	23:40	07:11	16:28	13:41	23:21	07:31	16:45	14:01	23:38
07	07:25	16:46	14:08	—	07:13	16:26	13:54	—	07:33	16:43	14:14	—
08	07:27	16:44	14:21	00:50	07:15	16:25	14:06	00:32	07:35	16:41	14:25	00:50
09	07:28	16:43	14:33	02:00	07:17	16:23	14:17	01:43	07:37	16:39	14:36	02:02
10	07:30	16:41	14:46	03:10	07:19	16:21	14:29	02:54	07:39	16:38	14:47	03:14
11	07:32	16:39	15:00	04:23	07:20	16:20	14:42	04:09	07:41	16:36	14:59	04:29
12	07:34	16:38	15:18	05:39	07:22	16:18	14:58	05:26	07:43	16:34	15:15	05:47
13	07:35	16:37	15:40	06:58	07:24	16:17	15:19	06:47	07:45	16:33	15:35	07:09
14	07:37	16:35	16:12	08:19	07:26	16:15	15:49	08:09	07:46	16:31	16:04	08:32
15	07:39	16:34	16:55	09:36	07:28	16:14	16:31	09:28	07:48	16:30	16:46	09:51
16	07:40	16:32	17:55	10:43	07:29	16:12	17:30	10:36	07:50	16:28	17:45	10:59
17	07:42	16:31	19:09	11:36	07:31	16:11	18:45	11:28	07:52	16:27	19:01	11:50
18	07:44	16:30	20:33	12:14	07:33	16:10	20:10	12:05	07:54	16:26	20:27	12:27
19	07:46	16:29	21:59	12:42	07:35	16:08	21:38	12:31	07:55	16:24	21:55	12:52
20	07:47	16:27	23:24	13:03	07:36	16:07	23:05	12:51	07:57	16:23	23:23	13:11
21	07:49	16:26	—	13:21	07:38	16:06	—	13:07	07:59	16:22	—	13:26
22	07:50	16:25	00:47	13:36	07:40	16:05	00:30	13:20	08:01	16:21	00:49	13:39
23	07:52	16:24	02:09	13:51	07:42	16:04	01:53	13:34	08:02	16:19	02:13	13:52
24	07:54	16:23	03:30	14:07	07:43	16:02	03:16	13:49	08:04	16:18	03:36	14:06
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26	07:57	16:21	06:14	14:49	07:46	16:01	06:03	14:27	08:07	16:16	06:25	14:43
27	07:58	16:20	07:33	15:19	07:48	16:00	07:24	14:56	08:09	16:15	07:46	15:11
28	08:00	16:20	08:46	15:59	07:50	15:59	08:38	15:35	08:10	16:14	09:01	15:50
29	08:01	16:19	09:47	16:51	07:51	15:58	09:40	16:27	08:12	16:13	10:03	16:42
30	08:03	16:18	10:35	17:54	07:53	15:57	10:27	17:30	08:14	16:13	10:50	17:45

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Nov. 35m.
Tagesl. am 1. Nov. 9h48m, am 30. Nov. 8h27m; somit Abnahme der Tagesl. im Nov. 1h21m.

November 2027

	DRESDEN				FRANKFURT/M.				FREIBURG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	06:57	16:40	10:43	17:52	07:15	17:02	10:58	18:19	07:13	17:11	10:49	18:35
02	06:59	16:38	11:39	18:48	07:16	17:01	11:54	19:15	07:14	17:09	11:45	19:31
03	07:00	16:36	12:22	19:53	07:18	16:59	12:37	20:20	07:16	17:08	12:29	20:34
04	07:02	16:35	12:53	21:02	07:20	16:57	13:09	21:28	07:18	17:06	13:03	21:41
05	07:04	16:33	13:17	22:13	07:21	16:56	13:34	22:38	07:19	17:05	13:29	22:49
06	07:05	16:31	13:35	23:23	07:23	16:54	13:53	23:47	07:21	17:03	13:50	23:56
07	07:07	16:30	13:50	—	07:25	16:53	14:09	—	07:22	17:02	14:08	—
08	07:09	16:28	14:03	00:33	07:26	16:51	14:23	00:55	07:24	17:00	14:24	01:02
09	07:11	16:26	14:16	01:42	07:28	16:50	14:36	02:04	07:25	16:59	14:40	02:08
10	07:12	16:25	14:29	02:52	07:30	16:48	14:51	03:13	07:27	16:58	14:56	03:15
11	07:14	16:23	14:44	04:05	07:31	16:47	15:06	04:24	07:28	16:56	15:14	04:24
12	07:16	16:22	15:01	05:20	07:33	16:45	15:25	05:39	07:30	16:55	15:35	05:37
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14	07:19	16:19	15:56	07:59	07:36	16:43	16:22	08:16	07:33	16:53	16:36	08:09
15	07:21	16:18	16:39	09:17	07:38	16:41	17:06	09:32	07:34	16:51	17:22	09:23
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19	07:28	16:13	21:42	12:24	07:44	16:36	22:06	12:41	07:40	16:47	22:16	12:37
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23	07:34	16:08	01:51	13:34	07:51	16:32	02:12	13:55	07:46	16:43	02:14	14:01
24	07:36	16:07	03:12	13:50	07:52	16:31	03:32	14:13	07:48	16:42	03:32	14:20
25	07:37	16:06	04:33	14:09	07:54	16:30	04:52	14:33	07:49	16:42	04:50	14:43
26	07:39	16:05	05:55	14:33	07:55	16:30	06:12	14:57	07:50	16:41	06:07	15:09
27	07:40	16:05	07:14	15:03	07:56	16:29	07:30	15:29	07:52	16:40	07:23	15:43
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30	07:44	16:02	10:16	17:38	08:01	16:27	10:31	18:05	07:56	16:38	10:22	18:20

November 2027

	HAMBURG				HANNOVER				KÖLN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	07:19	16:48	11:17	17:49	07:16	16:52	11:09	17:59	07:24	17:07	11:11	18:21
02	07:21	16:46	12:13	18:46	07:18	16:50	12:05	18:56	07:25	17:05	12:07	19:17
03	07:22	16:44	12:54	19:53	07:20	16:49	12:47	20:02	07:27	17:04	12:49	20:22
04	07:24	16:42	13:22	21:05	07:22	16:47	13:17	21:13	07:29	17:02	13:20	21:31
05	07:26	16:40	13:43	22:19	07:24	16:45	13:39	22:25	07:31	17:00	13:44	22:42
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07	07:30	16:37	14:10	—	07:27	16:41	14:09	—	07:34	16:57	14:17	—
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09	07:34	16:33	14:31	01:56	07:31	16:38	14:32	01:58	07:37	16:54	14:43	02:10
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22	07:58	16:14	00:43	13:34	07:54	16:20	00:45	13:35	07:59	16:37	00:58	13:46
23	08:00	16:12	02:08	13:47	07:55	16:19	02:08	13:49	08:01	16:36	02:20	14:02
24	08:01	16:11	03:32	14:00	07:57	16:18	03:31	14:04	08:02	16:35	03:40	14:18
25	08:03	16:10	04:57	14:15	07:59	16:17	04:54	14:21	08:04	16:34	05:02	14:37
26	08:05	16:09	06:22	14:36	08:00	16:16	06:17	14:43	08:05	16:33	06:23	15:01
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28	08:08	16:07	08:59	15:41	08:03	16:14	08:52	15:51	08:08	16:31	08:54	16:12
29	08:10	16:06	10:02	16:33	08:05	16:13	09:54	16:43	08:10	16:31	09:55	17:05
30	08:11	16:06	10:49	17:37	08:06	16:12	10:41	17:46	08:11	16:30	10:43	18:07

November 2027

	LEIPZIG				MÜNCHEN				NÜRNBERG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	07:03	16:45	10:51	17:56	06:58	16:56	10:34	18:19	07:03	16:54	10:44	18:13
02	07:05	16:43	11:47	18:52	07:00	16:54	11:30	19:15	07:05	16:53	11:40	19:09
03	07:06	16:41	12:29	19:57	07:01	16:52	12:14	20:18	07:07	16:51	12:23	20:13
04	07:08	16:39	13:00	21:07	07:03	16:51	12:48	21:25	07:08	16:50	12:56	21:21
05	07:10	16:38	13:23	22:18	07:05	16:49	13:15	22:32	07:10	16:48	13:21	22:30
06	07:12	16:36	13:41	23:28	07:06	16:48	13:36	23:40	07:12	16:46	13:41	23:39
07	07:13	16:34	13:56	—	07:08	16:47	13:53	—	07:13	16:45	13:58	—
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16	07:29	16:21	17:43	10:32	07:21	16:35	18:05	10:15	07:28	16:33	18:00	10:25
17	07:31	16:20	18:57	11:24	07:23	16:34	19:18	11:09	07:29	16:31	19:13	11:18
18	07:32	16:18	20:20	12:03	07:24	16:33	20:38	11:51	07:31	16:30	20:35	11:59
19	07:34	16:17	21:47	12:31	07:26	16:32	22:00	12:23	07:32	16:29	21:58	12:29
20	07:36	16:16	23:12	12:52	07:27	16:31	23:21	12:47	07:34	16:28	23:21	12:52
21	07:37	16:15	—	13:09	07:29	16:30	—	13:08	07:35	16:27	—	13:12
22	07:39	16:14	00:35	13:24	07:30	16:29	00:41	13:27	07:37	16:26	00:42	13:29
23	07:41	16:13	01:57	13:39	07:32	16:28	01:59	13:45	07:38	16:25	02:01	13:46
24	07:42	16:12	03:18	13:55	07:33	16:27	03:16	14:05	07:40	16:24	03:21	14:04
25	07:44	16:11	04:40	14:14	07:35	16:26	04:34	14:27	07:41	16:23	04:40	14:25
26	07:45	16:10	06:02	14:37	07:36	16:26	05:52	14:54	07:43	16:23	05:59	14:50
27	07:47	16:09	07:21	15:07	07:37	16:25	07:08	15:27	07:44	16:22	07:16	15:23
28	07:48	16:08	08:34	15:47	07:39	16:24	08:18	16:10	07:46	16:21	08:27	16:05
29	07:50	16:07	09:35	16:39	07:40	16:24	09:19	17:03	07:47	16:20	09:28	16:57
30	07:51	16:07	10:23	17:42	07:41	16:23	10:08	18:04	07:48	16:20	10:17	17:58

November 2027

	ROSTOCK				SAARBRÜCKEN				STUTT GART			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	07:12	16:38	11:13	17:36	07:19	17:11	11:00	18:31	07:09	17:04	10:48	18:25
02	07:14	16:36	12:09	18:32	07:21	17:10	11:56	19:28	07:11	17:02	11:44	19:21
03	07:16	16:34	12:49	19:40	07:22	17:08	12:39	20:32	07:13	17:00	12:28	20:25
04	07:18	16:32	13:17	20:53	07:24	17:06	13:12	21:39	07:14	16:59	13:01	21:32
05	07:20	16:30	13:37	22:07	07:26	17:05	13:37	22:48	07:16	16:57	13:27	22:40
06	07:21	16:28	13:51	23:21	07:27	17:03	13:57	23:56	07:17	16:56	13:47	23:48
07	07:23	16:26	14:03	—	07:29	17:02	14:14	—	07:19	16:54	14:04	—
08	07:25	16:24	14:13	00:34	07:31	17:00	14:29	01:04	07:21	16:53	14:20	00:55
09	07:27	16:22	14:22	01:47	07:32	16:59	14:43	02:11	07:22	16:52	14:35	02:02
10	07:29	16:21	14:32	03:01	07:34	16:57	14:58	03:19	07:24	16:50	14:50	03:10
11	07:31	16:19	14:43	04:17	07:35	16:56	15:15	04:30	07:25	16:49	15:07	04:20
12	07:33	16:17	14:57	05:36	07:37	16:55	15:34	05:44	07:27	16:47	15:27	05:33
13	07:35	16:16	15:16	06:59	07:39	16:53	16:00	07:00	07:28	16:46	15:52	06:49
14	07:37	16:14	15:44	08:24	07:40	16:52	16:33	08:19	07:30	16:45	16:26	08:07
15	07:39	16:12	16:24	09:45	07:42	16:51	17:18	09:34	07:32	16:44	17:12	09:22
16	07:41	16:11	17:23	10:53	07:43	16:50	18:18	10:41	07:33	16:42	18:12	10:29
17	07:43	16:09	18:39	11:44	07:45	16:49	19:32	11:34	07:35	16:41	19:25	11:23
18	07:45	16:08	20:07	12:19	07:46	16:47	20:53	12:15	07:36	16:40	20:45	12:04
19	07:46	16:07	21:37	12:43	07:48	16:46	22:16	12:45	07:38	16:39	22:08	12:34
20	07:48	16:05	23:07	13:00	07:49	16:45	23:39	13:09	07:39	16:38	23:30	12:59
21	07:50	16:04	—	13:14	07:51	16:44	—	13:28	07:41	16:37	—	13:19
22	07:52	16:03	00:34	13:26	07:52	16:43	00:59	13:46	07:42	16:36	00:51	13:37
23	07:54	16:01	01:59	13:37	07:54	16:42	02:19	14:03	07:44	16:35	02:09	13:55
24	07:55	16:00	03:24	13:50	07:55	16:41	03:38	14:21	07:45	16:34	03:28	14:13
25	07:57	15:59	04:50	14:05	07:57	16:41	04:57	14:42	07:46	16:34	04:46	14:35
26	07:59	15:58	06:15	14:24	07:58	16:40	06:16	15:08	07:48	16:33	06:05	15:01
27	08:01	15:57	07:39	14:51	08:00	16:39	07:32	15:41	07:49	16:32	07:21	15:34
28	08:02	15:56	08:55	15:28	08:01	16:38	08:43	16:23	07:51	16:31	08:32	16:16
29	08:04	15:55	09:57	16:19	08:02	16:38	09:44	17:15	07:52	16:31	09:32	17:09
30	08:05	15:54	10:44	17:23	08:04	16:37	10:33	18:17	07:53	16:30	10:21	18:10

DEZEMBER 2027

HAUPTKALENDARIUM

Datum	Jahres- tag	Kalen- der- wo- che	Sonn- und Feiertage	Son- nen- lauf	Mondlauf		
					Phase	Länge im Tierkreis	Mondwenden Entfernung Mondknoten
01 Mi	335		Quatemberwoche		♋	11°	
02 Do	336			♋	23°	♊	
03 Fr	337			♌	05°		
04 Sa	338			♌	17°	Erdferne	
05 So	339		2. Advent		♌	29°	
06 Mo	340	49	Nikolaus	●	♍	11°	
07 Di	341			♍	23°		
08 Mi	342		Mariä Empfängnis	♎	05°		
09 Do	343			♎	17°		
10 Fr	344			♏	00°		
11 Sa	345			♏	13°		
12 So	346		3. Advent		♏	27°	
13 Mo	347	50	Lucia	○	♐	11°	Nordw.
14 Di	348				♐	26°	
15 Mi	349				♑	10°	
16 Do	350				♑	25°	Erdnähe; ♃
17 Fr	351				♒	09°	
18 Sa	352			♒	24°		
19 So	353		4. Advent		♓	08°	
20 Mo	354	51		●	♓	22°	
21 Di	355			♊	06°		
22 Mi	356			♊	20°		
23 Do	357			♋	03°		
24 Fr	358			♋	17°		
25 Sa	359		Hl. Abend 1. Weihnachtstag	♋	30°		
26 So	360		2. Weihnachtstag		♌	12°	Südw.
27 Mo	361	52		●	♌	25°	
28 Di	362			♌	07°		
29 Mi	363			♌	19°		
30 Do	364			♍	01°	♊	
31 Fr	365			Silvester	♍	13°	

*) Am 22. Dezember um 03:42 Uhr MEZ tritt die Sonne ins Zeichen Steinbock (♋) (Winteranfang, Sonnenwende)

Dezember 2027

	KASSEL				BERLIN				BREMEN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	08:04	16:17	11:10	19:03	07:54	15:56	11:02	18:40	08:15	16:12	11:24	18:56
02	08:05	16:17	11:37	20:14	07:56	15:56	11:26	19:52	08:17	16:11	11:48	20:09
03	08:07	16:16	11:57	21:25	07:57	15:55	11:45	21:05	08:18	16:11	12:06	21:22
04	08:08	16:16	12:12	22:34	07:58	15:55	12:00	22:16	08:19	16:10	12:19	22:34
05	08:09	16:15	12:26	23:43	08:00	15:54	12:12	23:26	08:21	16:09	12:31	23:44
06	08:11	16:15	12:38	—	08:01	15:54	12:23	—	08:22	16:09	12:42	—
07	08:12	16:15	12:51	00:52	08:02	15:53	12:34	00:36	08:23	16:09	12:52	00:55
08	08:13	16:14	13:04	02:02	08:03	15:53	12:47	01:48	08:25	16:08	13:04	02:07
09	08:14	16:14	13:20	03:15	08:05	15:53	13:01	03:02	08:26	16:08	13:18	03:23
10	08:15	16:14	13:40	04:32	08:06	15:52	13:19	04:20	08:27	16:08	13:35	04:42
11	08:16	16:14	14:07	05:52	08:07	15:52	13:45	05:42	08:28	16:08	14:00	06:04
12	08:17	16:14	14:45	07:12	08:08	15:52	14:21	07:03	08:29	16:07	14:36	07:26
13	08:18	16:14	15:38	08:26	08:09	15:52	15:13	08:18	08:30	16:07	15:28	08:41
14	08:19	16:14	16:49	09:26	08:10	15:52	16:24	09:18	08:31	16:07	16:40	09:41
15	08:20	16:14	18:12	10:11	08:11	15:52	17:49	10:02	08:32	16:07	18:05	10:24
16	08:21	16:14	19:41	10:44	08:11	15:52	19:20	10:33	08:33	16:08	19:37	10:54
17	08:22	16:14	21:09	11:08	08:12	15:53	20:50	10:56	08:34	16:08	21:08	11:16
18	08:22	16:15	22:35	11:27	08:13	15:53	22:17	11:13	08:34	16:08	22:36	11:32
19	08:23	16:15	23:58	11:43	08:14	15:53	23:42	11:28	08:35	16:08	—	11:46
20	08:24	16:15	—	11:58	08:14	15:54	—	11:41	08:36	16:09	00:01	11:59
21	08:24	16:16	01:19	12:13	08:15	15:54	01:05	11:55	08:36	16:09	01:25	12:13
22	08:25	16:16	02:40	12:31	08:15	15:54	02:27	12:11	08:37	16:10	02:48	12:28
23	08:25	16:17	04:00	12:52	08:16	15:55	03:49	12:31	08:37	16:10	04:11	12:47
24	08:25	16:17	05:19	13:19	08:16	15:56	05:09	12:57	08:38	16:11	05:32	13:12
25	08:26	16:18	06:33	13:55	08:17	15:56	06:25	13:31	08:38	16:11	06:48	13:46
26	08:26	16:19	07:38	14:43	08:17	15:57	07:30	14:18	08:38	16:12	07:53	14:33
27	08:26	16:20	08:30	15:41	08:17	15:58	08:22	15:17	08:38	16:13	08:45	15:32
28	08:27	16:20	09:10	16:48	08:17	15:59	09:01	16:24	08:39	16:14	09:23	16:40
29	08:27	16:21	09:39	17:59	08:17	16:00	09:29	17:37	08:39	16:15	09:51	17:53
30	08:27	16:22	10:01	19:10	08:17	16:00	09:50	18:50	08:39	16:16	10:11	19:07
31	08:27	16:23	10:18	20:20	08:17	16:01	10:06	20:01	08:39	16:17	10:26	20:19

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Dez. 38m.
Tagesl. am 1. Dez. 8h25m, am 22. Dez. (kürzester Tag) 8h04m, am 31. Dez. 8h09m.

Dezember 2027

	DRESDEN				FRANKFURT/M.				FREIBURG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	07:46	16:02	10:52	18:46	08:02	16:26	11:07	19:12	07:57	16:38	11:00	19:26
02	07:47	16:01	11:18	19:57	08:03	16:25	11:35	20:22	07:58	16:37	11:30	20:34
03	07:49	16:01	11:38	21:08	08:05	16:25	11:56	21:32	07:59	16:37	11:53	21:41
04	07:50	16:00	11:55	22:17	08:06	16:25	12:13	22:40	08:00	16:37	12:12	22:47
05	07:51	16:00	12:08	23:26	08:07	16:24	12:28	23:48	08:02	16:36	12:28	23:53
06	07:52	15:59	12:21	—	08:08	16:24	12:41	—	08:03	16:36	12:44	—
07	07:54	15:59	12:34	00:34	08:09	16:23	12:55	00:55	08:04	16:36	12:59	00:58
08	07:55	15:59	12:48	01:44	08:11	16:23	13:09	02:04	08:05	16:36	13:16	02:05
09	07:56	15:58	13:03	02:57	08:12	16:23	13:26	03:16	08:06	16:35	13:35	03:15
10	07:57	15:58	13:24	04:13	08:13	16:23	13:48	04:32	08:07	16:35	13:59	04:28
11	07:58	15:58	13:51	05:33	08:14	16:23	14:16	05:50	08:08	16:35	14:29	05:44
12	07:59	15:58	14:29	06:53	08:15	16:23	14:55	07:08	08:09	16:35	15:10	07:01
13	08:00	15:58	15:22	08:06	08:16	16:23	15:49	08:21	08:10	16:35	16:05	08:12
14	08:01	15:58	16:33	09:07	08:17	16:23	17:00	09:22	08:11	16:36	17:15	09:13
15	08:02	15:58	17:56	09:53	08:17	16:23	18:22	10:08	08:11	16:36	18:35	10:01
16	08:02	15:58	19:24	10:25	08:18	16:23	19:49	10:42	08:12	16:36	20:00	10:38
17	08:03	15:59	20:52	10:50	08:19	16:23	21:16	11:08	08:13	16:36	21:24	11:05
18	08:04	15:59	22:17	11:09	08:20	16:24	22:40	11:28	08:14	16:36	22:46	11:28
19	08:05	15:59	23:40	11:25	08:20	16:24	—	11:45	08:14	16:37	—	11:48
20	08:05	16:00	—	11:41	08:21	16:24	00:01	12:02	08:15	16:37	00:05	12:07
21	08:06	16:00	01:01	11:57	08:21	16:25	01:21	12:19	08:15	16:38	01:22	12:26
22	08:06	16:01	02:21	12:14	08:22	16:25	02:40	12:38	08:16	16:38	02:39	12:47
23	08:07	16:01	03:41	12:36	08:22	16:26	03:59	13:00	08:16	16:39	03:55	13:12
24	08:07	16:02	05:00	13:03	08:23	16:27	05:16	13:29	08:17	16:39	05:10	13:42
25	08:08	16:02	06:14	13:40	08:23	16:27	06:29	14:06	08:17	16:40	06:21	14:21
26	08:08	16:03	07:18	14:27	08:24	16:28	07:33	14:54	08:17	16:41	07:24	15:10
27	08:08	16:04	08:11	15:25	08:24	16:29	08:26	15:52	08:18	16:41	08:17	16:08
28	08:08	16:05	08:51	16:32	08:24	16:29	09:06	16:58	08:18	16:42	08:58	17:12
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30	08:08	16:06	09:43	18:53	08:24	16:31	10:00	19:18	08:18	16:44	09:56	19:28
31	08:09	16:07	10:00	20:03	08:24	16:32	10:18	20:27	08:18	16:45	10:16	20:35

Dezember 2027

	HAMBURG				HANNOVER				KÖLN			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	08:13	16:05	11:22	18:48	08:08	16:12	11:16	18:56	08:12	16:29	11:19	19:15
02	08:14	16:04	11:45	20:02	08:09	16:11	11:41	20:08	08:14	16:29	11:45	20:26
03	08:16	16:03	12:03	21:15	08:11	16:10	11:59	21:20	08:15	16:28	12:06	21:37
04	08:17	16:03	12:16	22:28	08:12	16:10	12:14	22:31	08:16	16:28	12:22	22:46
05	08:18	16:02	12:27	23:39	08:13	16:09	12:26	23:41	08:18	16:27	12:36	23:54
06	08:20	16:02	12:37	—	08:15	16:09	12:38	—	08:19	16:27	12:49	—
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08	08:22	16:01	12:58	02:03	08:17	16:08	13:01	02:03	08:21	16:26	13:15	02:13
09	08:24	16:01	13:11	03:19	08:18	16:08	13:16	03:17	08:22	16:26	13:31	03:25
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14	08:29	16:00	16:31	09:40	08:23	16:07	16:41	09:32	08:27	16:26	17:02	09:34
15	08:30	16:00	17:57	10:23	08:24	16:08	18:05	10:16	08:28	16:26	18:25	10:20
16	08:31	16:00	19:30	10:52	08:25	16:08	19:36	10:47	08:29	16:26	19:53	10:53
17	08:32	16:00	21:02	11:13	08:26	16:08	21:06	11:10	08:30	16:26	21:21	11:17
18	08:32	16:01	22:30	11:28	08:27	16:08	22:33	11:27	08:31	16:27	22:46	11:36
19	08:33	16:01	23:56	11:42	08:27	16:08	23:57	11:42	08:31	16:27	—	11:53
20	08:34	16:01	—	11:54	08:28	16:09	—	11:56	08:32	16:27	00:09	12:08
21	08:34	16:02	01:20	12:07	08:29	16:09	01:20	12:10	08:32	16:28	01:30	12:24
22	08:35	16:02	02:44	12:22	08:29	16:10	02:42	12:26	08:33	16:28	02:50	12:42
23	08:35	16:03	04:08	12:40	08:30	16:10	04:04	12:46	08:33	16:29	04:10	13:04
24	08:36	16:03	05:29	13:04	08:30	16:11	05:24	13:12	08:34	16:29	05:28	13:32
25	08:36	16:04	06:46	13:38	08:30	16:12	06:39	13:47	08:34	16:30	06:41	14:08
26	08:36	16:05	07:52	14:24	08:31	16:12	07:44	14:34	08:34	16:31	07:46	14:56
27	08:36	16:06	08:44	15:23	08:31	16:13	08:36	15:33	08:35	16:32	08:38	15:54
28	08:37	16:06	09:22	16:32	08:31	16:14	09:15	16:41	08:35	16:32	09:18	17:01
29	08:37	16:07	09:49	17:46	08:31	16:15	09:43	17:53	08:35	16:33	09:47	18:11
30	08:37	16:08	10:08	19:00	08:31	16:16	10:04	19:05	08:35	16:34	10:10	19:22
31	08:37	16:09	10:22	20:13	08:31	16:17	10:20	20:17	08:35	16:35	10:27	20:32

Dezember 2027

	LEIPZIG				MÜNCHEN				NÜRNBERG			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Datum	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang	Aufgang	Untergang
01	07:53	16:06	10:59	18:51	07:42	16:22	10:46	19:10	07:50	16:19	10:54	19:06
02	07:54	16:05	11:25	20:02	07:44	16:22	11:15	20:18	07:51	16:19	11:22	20:15
03	07:55	16:05	11:45	21:13	07:45	16:22	11:38	21:25	07:52	16:18	11:44	21:24
04	07:57	16:04	12:01	22:22	07:46	16:21	11:57	22:32	07:54	16:18	12:02	22:31
05	07:58	16:04	12:14	23:31	07:47	16:21	12:14	23:37	07:55	16:17	12:17	23:38
06	07:59	16:03	12:27	—	07:48	16:21	12:29	—	07:56	16:17	12:31	—
07	08:00	16:03	12:39	00:40	07:50	16:20	12:44	00:43	07:57	16:17	12:46	00:45
08	08:02	16:03	12:53	01:50	07:51	16:20	13:01	01:50	07:58	16:17	13:01	01:54
09	08:03	16:03	13:08	03:03	07:52	16:20	13:20	03:00	07:59	16:16	13:18	03:05
10	08:04	16:02	13:28	04:20	07:53	16:20	13:43	04:13	08:00	16:16	13:40	04:19
11	08:05	16:02	13:55	05:40	07:54	16:20	14:13	05:29	08:01	16:16	14:09	05:37
12	08:06	16:02	14:33	07:00	07:55	16:20	14:54	06:46	08:02	16:16	14:49	06:55
13	08:07	16:02	15:26	08:14	07:55	16:20	15:49	07:58	08:03	16:16	15:43	08:07
14	08:08	16:02	16:36	09:14	07:56	16:20	16:59	08:59	08:04	16:16	16:53	09:08
15	08:09	16:02	18:00	10:00	07:57	16:20	18:19	09:47	08:05	16:16	18:15	09:55
16	08:09	16:02	19:29	10:32	07:58	16:20	19:44	10:23	08:06	16:17	19:41	10:30
17	08:10	16:03	20:57	10:56	07:59	16:21	21:08	10:51	08:06	16:17	21:07	10:56
18	08:11	16:03	22:23	11:15	07:59	16:21	22:30	11:13	08:07	16:17	22:30	11:17
19	08:11	16:03	23:46	11:31	08:00	16:21	23:49	11:33	08:08	16:17	23:51	11:35
20	08:12	16:04	—	11:46	08:01	16:22	—	11:51	08:08	16:18	—	11:53
21	08:13	16:04	01:07	12:02	08:01	16:22	01:06	12:10	08:09	16:18	01:10	12:10
22	08:13	16:05	02:28	12:19	08:02	16:23	02:23	12:31	08:09	16:19	02:29	12:30
23	08:14	16:05	03:48	12:40	08:02	16:23	03:40	12:56	08:10	16:19	03:47	12:53
24	08:14	16:06	05:07	13:07	08:02	16:24	04:55	13:27	08:10	16:20	05:03	13:22
25	08:14	16:06	06:21	13:43	08:03	16:24	06:06	14:05	08:11	16:21	06:15	14:00
26	08:15	16:07	07:26	14:30	08:03	16:25	07:09	14:54	08:11	16:21	07:19	14:48
27	08:15	16:08	08:18	15:29	08:03	16:26	08:02	15:51	08:11	16:22	08:12	15:46
28	08:15	16:09	08:58	16:36	08:04	16:27	08:44	16:56	08:11	16:23	08:53	16:52
29	08:15	16:10	09:27	17:47	08:04	16:27	09:16	18:04	08:12	16:24	09:24	18:00
30	08:15	16:10	09:49	18:58	08:04	16:28	09:41	19:12	08:12	16:25	09:48	19:10
31	08:15	16:11	10:06	20:08	08:04	16:29	10:02	20:19	08:12	16:25	10:07	20:18

Dezember 2027

	ROSTOCK				SAARBRÜCKEN				STUTT GART			
	Sonne		Mond		Sonne		Mond		Sonne		Mond	
Da- tum	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang	Auf- gang	Unter- gang
01	08:07	15:53	11:17	18:35	08:05	16:36	11:10	19:24	07:55	16:30	10:59	19:17
02	08:08	15:53	11:39	19:50	08:06	16:36	11:38	20:33	07:56	16:29	11:27	20:25
03	08:10	15:52	11:56	21:04	08:08	16:35	12:00	21:41	07:57	16:29	11:50	21:33
04	08:11	15:51	12:09	22:17	08:09	16:35	12:18	22:49	07:58	16:28	12:08	22:40
05	08:13	15:51	12:19	23:29	08:10	16:35	12:33	23:55	07:59	16:28	12:24	23:47
06	08:14	15:50	12:29	—	08:11	16:34	12:48	—	08:01	16:28	12:39	—
07	08:16	15:50	12:38	00:41	08:12	16:34	13:02	01:02	08:02	16:27	12:54	00:53
08	08:17	15:49	12:49	01:55	08:13	16:34	13:18	02:10	08:03	16:27	13:09	02:01
09	08:18	15:49	13:01	03:11	08:15	16:34	13:36	03:21	08:04	16:27	13:28	03:11
10	08:19	15:49	13:17	04:32	08:16	16:34	13:58	04:36	08:05	16:27	13:51	04:25
11	08:20	15:49	13:41	05:56	08:17	16:34	14:27	05:53	08:06	16:27	14:20	05:42
12	08:21	15:48	14:15	07:20	08:18	16:34	15:07	07:11	08:07	16:27	15:01	06:59
13	08:22	15:48	15:06	08:35	08:18	16:34	16:02	08:23	08:08	16:27	15:55	08:11
14	08:23	15:48	16:18	09:35	08:19	16:34	17:12	09:24	08:09	16:27	17:05	09:12
15	08:24	15:48	17:45	10:17	08:20	16:34	18:33	10:11	08:09	16:27	18:26	10:00
16	08:25	15:49	19:18	10:46	08:21	16:34	19:59	10:46	08:10	16:27	19:52	10:35
17	08:26	15:49	20:51	11:06	08:22	16:34	21:25	11:12	08:11	16:27	21:17	11:02
18	08:27	15:49	22:21	11:21	08:22	16:35	22:48	11:33	08:12	16:28	22:39	11:24
19	08:28	15:49	23:47	11:33	08:23	16:35	—	11:52	08:12	16:28	23:59	11:43
20	08:28	15:50	—	11:45	08:24	16:35	00:08	12:09	08:13	16:29	—	12:01
21	08:29	15:50	01:12	11:57	08:24	16:36	01:27	12:27	08:13	16:29	01:17	12:19
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31	08:31	15:58	10:15	20:02	08:27	16:43	10:23	20:36	08:16	16:36	10:13	20:27