

Friedrichskoog, Spitze 2023

Breite: 54° 02' N, Länge: 8° 50' E

Tag	Januar				Tag	Februar			
	HW - Zeit		NW - Zeit			HW - Zeit		NW - Zeit	
1 So	7:36	20:18	1:12	13:49	1 Mi	9:05	21:40	2:41	15:18
2 Mo	8:44	21:24	2:22	15:00	2 Do	10:22	22:51	4:03	16:33
3 Di	9:53	22:26	3:39	16:09	3 Fr	11:26	23:47	5:09	17:34
4 Mi	10:54	23:21	4:45	17:08	4 Sa		12:17	6:04	18:27
5 Do	11:47		5:37	17:58	5 So ○	0:32	13:01	6:55	19:15
6 Fr	0:09	12:33	6:24	18:44	6 Mo	1:10	13:40	7:41	19:56
7 Sa ○	0:50	13:15	7:09	19:25	7 Di	1:46	14:14	8:19	20:30
8 So	1:27	13:54	7:48	20:01	8 Mi	2:19	14:45	8:53	21:02
9 Mo	2:02	14:29	8:24	20:34	9 Do	2:50	15:15	9:26	21:33
10 Di	2:36	15:02	9:00	21:06	10 Fr	3:20	15:47	9:56	22:05
11 Mi	3:07	15:34	9:33	21:38	11 Sa	3:52	16:20	10:25	22:34
12 Do	3:39	16:09	10:03	22:12	12 So	4:24	16:49	10:52	22:56
13 Fr	4:14	16:45	10:37	22:47	13 Mo ●	4:52	17:17	11:10	23:19
14 Sa	4:50	17:22	11:12	23:20	14 Di	5:28	17:59	11:35	
15 So ●	5:27	18:02	11:44	23:58	15 Mi	6:25	19:07	0:04	12:31
16 Mo	6:12	18:53		12:25	16 Do	7:48	20:34	1:22	14:02
17 Di	7:13	20:01	0:55	13:27	17 Fr	9:23	22:03	3:01	15:46
18 Mi	8:29	21:16	2:10	14:45	18 Sa	10:51	23:22	4:40	17:23
19 Do	9:49	22:30	3:34	16:08	19 So		12:05	6:08	18:46
20 Fr	11:05	23:36	4:56	17:30	20 Mo ●	0:26	13:05	7:20	19:49
21 Sa ●		12:11	6:12	18:43	21 Di	1:19	13:55	8:16	20:36
22 So	0:35	13:09	7:19	19:43	22 Mi	2:05	14:40	9:00	21:19
23 Mo	1:28	14:04	8:15	20:36	23 Do	2:48	15:21	9:42	22:02
24 Di	2:18	14:56	9:08	21:30	24 Fr	3:30	15:57	10:22	22:36
25 Mi	3:06	15:43	9:57	22:18	25 Sa	4:10	16:29	10:52	22:57
26 Do	3:51	16:24	10:40	22:53	26 So	4:45	16:59	11:11	23:14
27 Fr	4:34	17:03	11:14	23:19	27 Mo ●	5:18	17:31	11:28	23:38
28 Sa ●	5:15	17:41	11:42	23:48	28 Di	5:57	18:16	11:58	
29 So	5:57	18:22		12:11					
30 Mo	6:45	19:15	0:25	12:53					
31 Di	7:48	20:24	1:22	13:58					

● Neumond ○ erstes Viertel ○ Vollmond ● letztes Viertel

Mitteleuropäische Zeit

Friedrichskoog, Spitze 2023

Breite: 54° 02' N, Länge: 8° 50' E

Tag	März				Tag	April			
	HW - Zeit		NW - Zeit			HW - Zeit		NW - Zeit	
1 Mi	6:55	19:26	0:24	12:58	1 Sa	10:09	22:40	3:38	16:17
2 Do	8:18	20:54	1:44	14:26	2 So	11:31	23:50	5:13	17:39
3 Fr	9:48	22:19	3:21	15:59	3 Mo		12:28	6:18	18:37
4 Sa	11:05	23:24	4:46	17:13	4 Di	0:37	13:08	7:04	19:26
5 So	11:59		5:47	18:10	5 Mi	1:15	13:43	7:51	20:12
6 Mo	0:10	12:40	6:38	18:59	6 Do ○	1:52	14:19	8:36	20:53
7 Di ○	0:48	13:17	7:26	19:43	7 Fr	2:27	14:52	9:11	21:26
8 Mi	1:23	13:51	8:06	20:19	8 Sa	3:00	15:23	9:41	21:58
9 Do	1:56	14:22	8:39	20:49	9 So	3:32	15:52	10:10	22:28
10 Fr	2:27	14:51	9:10	21:20	10 Mo	4:05	16:22	10:36	22:55
11 Sa	2:57	15:21	9:39	21:50	11 Di	4:39	16:54	11:01	23:20
12 So	3:28	15:51	10:05	22:16	12 Mi	5:17	17:31	11:28	23:50
13 Mo	3:59	16:18	10:27	22:36	13 Do ●	6:03	18:21		12:03
14 Di	4:29	16:46	10:44	22:57	14 Fr	7:06	19:33	0:38	13:01
15 Mi ●	5:05	17:28	11:08	23:39	15 Sa	8:31	21:03	1:54	14:32
16 Do	6:04	18:38		12:03	16 So	10:05	22:34	3:33	16:19
17 Fr	7:31	20:11	0:58	13:39	17 Mo	11:29	23:50	5:11	17:53
18 Sa	9:11	21:47	2:43	15:34	18 Di		12:35	6:32	19:05
19 So	10:42	23:08	4:29	17:16	19 Mi	0:49	13:27	7:35	20:03
20 Mo	11:55		5:58	18:36	20 Do ●	1:39	14:10	8:26	20:50
21 Di ●	0:12	12:52	7:09	19:37	21 Fr	2:22	14:46	9:05	21:25
22 Mi	1:03	13:37	8:01	20:20	22 Sa	3:01	15:18	9:36	21:58
23 Do	1:46	14:15	8:39	20:56	23 So	3:38	15:50	10:07	22:29
24 Fr	2:25	14:50	9:13	21:33	24 Mo	4:14	16:21	10:35	22:52
25 Sa	3:04	15:23	9:48	22:07	25 Di	4:49	16:51	10:56	23:06
26 So	4:42	16:53	11:17	23:27	26 Mi	5:20	17:23	11:13	23:27
27 Mo	5:15	17:21	11:34	23:38	27 Do ●	5:56	18:04	11:41	
28 Di	5:45	17:50	11:47	23:57	28 Fr	6:46	19:03	0:10	12:34
29 Mi ●	6:20	18:32		12:13	29 Sa	7:57	20:23	1:19	13:52
30 Do	7:14	19:39	0:39	13:09	30 So	9:22	21:48	2:49	15:24
31 Fr	8:35	21:09	1:56	14:38					

● Neumond ● erstes Viertel ○ Vollmond ● letztes Viertel

Ab 26.03. 3 Uhr Mitteleuropäische Sommerzeit

Friedrichskoog, Spitze 2023

Breite: 54° 02' N, Länge: 8° 50' E

Tag	Mai				Tag	Juni			
	HW - Zeit		NW - Zeit			HW - Zeit		NW - Zeit	
1 Mo	10:41	22:59	4:18	16:44	1 Do	11:31	23:45	5:02	17:30
2 Di	11:40	23:51	5:24	17:43	2 Fr		12:18	5:55	18:29
3 Mi		12:24	6:10	18:33	3 Sa	0:36	13:04	6:55	19:28
4 Do	0:34	13:03	6:57	19:24	4 So ○	1:24	13:48	7:49	20:18
5 Fr ○	1:15	13:42	7:49	20:13	5 Mo	2:08	14:29	8:31	21:03
6 Sa	1:55	14:19	8:31	20:53	6 Di	2:54	15:11	9:13	21:48
7 So	2:32	14:54	9:04	21:29	7 Mi	3:42	15:54	10:00	22:33
8 Mo	3:09	15:27	9:36	22:04	8 Do	4:31	16:41	10:46	23:17
9 Di	3:49	16:03	10:10	22:38	9 Fr	5:22	17:32	11:29	
10 Mi	4:31	16:43	10:45	23:14	10 Sa ●	6:17	18:29	0:03	12:15
11 Do	5:18	17:30	11:24	23:56	11 So	7:16	19:31	0:53	13:06
12 Fr ●	6:12	18:27		12:11	12 Mo	8:19	20:38	1:47	14:05
13 Sa	7:16	19:36	0:48	13:09	13 Di	9:27	21:48	2:48	15:15
14 So	8:32	20:56	1:56	14:24	14 Mi	10:33	22:55	3:56	16:30
15 Mo	9:54	22:16	3:17	15:53	15 Do	11:32	23:54	5:02	17:36
16 Di	11:07	23:25	4:39	17:15	16 Fr		12:24	6:01	18:32
17 Mi		12:06	5:50	18:21	17 Sa	0:47	13:11	6:55	19:27
18 Do	0:22	12:55	6:48	19:18	18 So ●	1:36	13:54	7:45	20:16
19 Fr ●	1:12	13:39	7:40	20:10	19 Mo	2:21	14:32	8:28	20:55
20 Sa	1:58	14:17	8:24	20:51	20 Di	3:01	15:08	9:03	21:29
21 So	2:38	14:51	8:59	21:23	21 Mi	3:39	15:43	9:35	22:01
22 Mo	3:16	15:25	9:29	21:53	22 Do	4:13	16:17	10:04	22:29
23 Di	3:53	15:59	9:58	22:21	23 Fr	4:47	16:50	10:34	22:55
24 Mi	4:28	16:32	10:24	22:43	24 Sa	5:23	17:27	11:08	23:32
25 Do	5:03	17:06	10:49	23:08	25 So	6:03	18:08	11:48	
26 Fr	5:40	17:45	11:22	23:49	26 Mo ●	6:47	18:54	0:16	12:31
27 Sa ●	6:25	18:35		12:09	27 Di	7:35	19:46	1:02	13:17
28 So	7:22	19:37	0:47	13:10	28 Mi	8:30	20:46	1:52	14:14
29 Mo	8:28	20:48	1:54	14:20	29 Do	9:31	21:51	2:50	15:19
30 Di	9:37	21:55	3:06	15:30	30 Fr	10:34	22:57	3:52	16:28
31 Mi	10:39	22:53	4:09	16:33					

● Neumond ○ erstes Viertel ○ Vollmond ● letztes Viertel

Mittleuropäische Sommerzeit

Friedrichskoog, Spitze 2023

Breite: 54° 02' N, Länge: 8° 50' E

Tag	Juli		Tag	August	
	HW - Zeit	NW - Zeit		HW - Zeit	NW - Zeit
1 Sa	11:34	4:58 17:38	1 Di ○	0:47 13:08	7:06 19:44
2 So	0:01 12:30	6:09 18:49	2 Mi	1:48 14:03	8:16 20:48
3 Mo ○	1:00 13:23	7:18 19:54	3 Do	2:43 14:53	9:12 21:43
4 Di	1:54 14:13	8:16 20:50	4 Fr	3:35 15:41	10:04 22:33
5 Mi	2:47 15:02	9:09 21:44	5 Sa	4:22 16:26	10:52 23:17
6 Do	3:40 15:50	10:03 22:36	6 So	5:05 17:11	11:27 23:51
7 Fr	4:32 16:38	10:53 23:22	7 Mo	5:45 17:55	11:52
8 Sa	5:20 17:26	11:33	8 Di ●	6:24 18:38	0:19 12:18
9 So	6:08 18:17	0:03 12:08	9 Mi	7:04 19:26	0:45 12:51
10 Mo ●	6:57 19:10	0:42 12:47	10 Do	7:53 20:27	1:20 13:42
11 Di	7:48 20:07	1:21 13:32	11 Fr	8:59 21:43	2:17 14:56
12 Mi	8:45 21:11	2:07 14:30	12 Sa	10:18 23:05	3:35 16:23
13 Do	9:49 22:21	3:08 15:43	13 So	11:35	4:56 17:40
14 Fr	10:56 23:29	4:17 16:56	14 Mo	0:16 12:36	6:04 18:40
15 Sa	11:57	5:23 17:58	15 Di	1:11 13:23	7:01 19:35
16 So	0:29 12:51	6:22 18:55	16 Mi ●	1:55 14:02	7:55 20:27
17 Mo ●	1:21 13:37	7:17 19:50	17 Do	2:34 14:38	8:42 21:09
18 Di	2:08 14:18	8:08 20:39	18 Fr	3:09 15:11	9:18 21:41
19 Mi	2:50 14:55	8:51 21:18	19 Sa	3:38 15:40	9:45 22:07
20 Do	3:27 15:29	9:25 21:51	20 So	4:05 16:08	10:11 22:31
21 Fr	3:59 16:01	9:55 22:19	21 Mo	4:33 16:38	10:38 22:55
22 Sa	4:28 16:31	10:23 22:45	22 Di	5:04 17:10	11:05 23:20
23 So	5:01 17:05	10:54 23:14	23 Mi	5:34 17:38	11:27 23:41
24 Mo	5:36 17:40	11:27 23:48	24 Do ●	6:00 18:09	11:47
25 Di ●	6:11 18:14	11:57	25 Fr	6:35 18:58	0:02 12:23
26 Mi	6:45 18:51	0:18 12:26	26 Sa	7:35 20:15	0:47 13:31
27 Do	7:26 19:44	0:49 13:08	27 So	8:59 21:49	2:11 15:07
28 Fr	8:25 20:55	1:38 14:15	28 Mo	10:30 23:21	3:56 16:49
29 Sa	9:39 22:16	2:52 15:37	29 Di	11:51	5:37 18:21
30 So	10:56 23:36	4:17 17:04	30 Mi	0:39 12:58	7:05 19:40
31 Mo	12:06	5:44 18:28	31 Do ○	1:42 13:52	8:15 20:44

● Neumond ○ erstes Viertel ○ Vollmond ● letztes Viertel

Mitteleuropäische Sommerzeit

Friedrichskoog, Spitze 2023

Breite: 54° 02' N, Länge: 8° 50' E

Tag	September				Tag	Oktober			
	HW - Zeit		NW - Zeit			HW - Zeit		NW - Zeit	
1 Fr	2:34	14:39	9:09	21:34	1 So	2:54	15:01	9:30	21:47
2 Sa	3:19	15:23	9:53	22:17	2 Mo	3:30	15:41	10:08	22:23
3 So	4:00	16:06	10:36	22:56	3 Di	4:05	16:22	10:44	22:53
4 Mo	4:38	16:48	11:11	23:27	4 Mi	4:37	16:59	11:06	23:12
5 Di	5:12	17:27	11:31	23:47	5 Do	5:08	17:32	11:17	23:26
6 Mi	5:44	18:04	11:46		6 Fr	5:40	18:10	11:35	23:52
7 Do	6:18	18:45	0:04	12:10	7 Sa	6:22	19:05		12:18
8 Fr	7:03	19:42	0:32	12:55	8 So	7:27	20:24	0:47	13:35
9 Sa	8:10	21:04	1:28	14:13	9 Mo	8:55	21:59	2:14	15:18
10 So	9:38	22:38	2:54	15:54	10 Di	10:29	23:25	3:57	17:00
11 Mo	11:08		4:32	17:28	11 Mi	11:42		5:25	18:09
12 Di	0:00	12:18	5:52	18:33	12 Do	0:24	12:30	6:23	18:49
13 Mi	0:56	13:04	6:49	19:19	13 Fr	1:01	13:05	7:05	19:27
14 Do	1:34	13:39	7:37	20:05	14 Sa	1:32	13:38	7:47	20:10
15 Fr	2:08	14:12	8:22	20:48	15 So	2:05	14:13	8:28	20:47
16 Sa	2:41	14:45	8:59	21:21	16 Mo	2:38	14:45	9:01	21:14
17 So	3:10	15:15	9:28	21:47	17 Di	3:07	15:14	9:29	21:40
18 Mo	3:37	15:42	9:54	22:10	18 Mi	3:34	15:44	9:56	22:03
19 Di	4:03	16:10	10:19	22:31	19 Do	4:02	16:17	10:20	22:26
20 Mi	4:31	16:39	10:42	22:50	20 Fr	4:32	16:53	10:45	22:53
21 Do	4:58	17:10	11:02	23:09	21 Sa	5:07	17:37	11:15	23:30
22 Fr	5:26	17:45	11:23	23:34	22 So	5:54	18:35		12:02
23 Sa	6:04	18:37		12:01	23 Mo	7:00	19:53	0:26	13:14
24 So	7:07	19:57	0:24	13:13	24 Di	8:25	21:26	1:51	14:49
25 Mo	8:36	21:36	1:54	14:55	25 Mi	9:57	22:54	3:38	16:30
26 Di	10:13	23:11	3:48	16:43	26 Do	11:17		5:17	17:55
27 Mi	11:38		5:34	18:15	27 Fr	0:06	12:20	6:32	18:59
28 Do	0:28	12:43	6:56	19:28	28 Sa	1:01	13:11	7:30	19:52
29 Fr	1:27	13:35	8:00	20:25	29 So	1:47	12:56	7:19	19:36
30 Sa	2:14	14:19	8:50	21:10	30 Mo	1:25	13:37	8:00	20:12
					31 Di	1:59	14:17	8:35	20:45

● Neumond ● erstes Viertel ○ Vollmond ● letztes Viertel

Bis 29.10. 3 Uhr Mitteleuropäische Sommerzeit

Friedrichskoog, Spitze 2023

Breite: 54° 02' N, Länge: 8° 50' E

Tag	November				Tag	Dezember			
	HW - Zeit		NW - Zeit			HW - Zeit		NW - Zeit	
1 Mi	2:33	14:57	9:09	21:16	1 Fr	2:47	15:17	9:11	21:15
2 Do	3:08	15:34	9:37	21:39	2 Sa	3:22	15:53	9:38	21:42
3 Fr	3:41	16:09	9:53	21:58	3 So	3:56	16:29	10:02	22:13
4 Sa	4:14	16:47	10:12	22:26	4 Mo	4:34	17:11	10:38	22:57
5 So ◐	4:54	17:36	10:53	23:17	5 Di ◐	5:20	18:03	11:31	23:54
6 Mo	5:51	18:44		12:01	6 Mi	6:17	19:05		12:37
7 Di	7:07	20:06	0:34	13:31	7 Do	7:23	20:12	1:02	13:48
8 Mi	8:31	21:27	2:06	15:04	8 Fr	8:31	21:17	2:14	14:57
9 Do	9:45	22:29	3:30	16:15	9 Sa	9:32	22:12	3:21	15:53
10 Fr	10:39	23:13	4:32	16:59	10 So	10:26	23:01	4:18	16:41
11 Sa	11:20	23:49	5:17	17:37	11 Mo	11:17	23:47	5:11	17:32
12 So	11:59		6:01	18:22	12 Di		12:04	6:05	18:23
13 Mo ●	0:27	12:38	6:47	19:04	13 Mi ●	0:30	12:49	6:54	19:06
14 Di	1:03	13:14	7:26	19:36	14 Do	1:11	13:32	7:37	19:47
15 Mi	1:37	13:50	8:00	20:07	15 Fr	1:52	14:18	8:22	20:36
16 Do	2:09	14:26	8:34	20:42	16 Sa	2:34	15:05	9:09	21:27
17 Fr	2:43	15:06	9:08	21:18	17 So	3:17	15:52	9:54	22:11
18 Sa	3:20	15:50	9:43	21:56	18 Mo	4:03	16:42	10:39	22:53
19 So	4:03	16:40	10:24	22:41	19 Di ◐	4:54	17:35	11:24	23:39
20 Mo ◐	4:55	17:39	11:14	23:36	20 Mi	5:49	18:33		12:13
21 Di	5:58	18:49		12:18	21 Do	6:51	19:37	0:31	13:10
22 Mi	7:12	20:08	0:47	13:36	22 Fr	7:59	20:45	1:36	14:19
23 Do	8:33	21:26	2:13	15:02	23 Sa	9:11	21:53	2:55	15:34
24 Fr	9:48	22:33	3:42	16:19	24 So	10:20	22:54	4:11	16:41
25 Sa	10:51	23:28	4:55	17:21	25 Mo	11:20	23:48	5:14	17:39
26 So	11:44		5:52	18:14	26 Di		12:14	6:09	18:31
27 Mo ◐	0:16	12:32	6:43	19:00	27 Mi ◐	0:35	13:02	6:59	19:16
28 Di	0:57	13:17	7:27	19:39	28 Do	1:16	13:46	7:42	19:54
29 Mi	1:34	13:58	8:03	20:13	29 Fr	1:54	14:26	8:18	20:29
30 Do	2:10	14:38	8:37	20:45	30 Sa	2:32	15:03	8:55	21:02
					31 So	3:07	15:37	9:28	21:33

● Neumond ◐ erstes Viertel ◑ Vollmond ◒ letztes Viertel

Mitteeuropäische Zeit