

**Friedrichskoog, Spitze 2022**

Breite: 54° 02' N, Länge: 8° 50' E

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

● Neumond ○ erstes Viertel ○ Vollmond ● letztes Viertel

Mitteleuropäische Zeit

### Friedrichskoog, Spitze 2022

Breite: 54° 02' N, Länge: 8° 50' E

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

● Neumond ○ erstes Viertel ○ Vollmond ● letztes Viertel

Ab 27.03. 3 Uhr Mitteleuropäische Sommerzeit

## Friedrichskoog, Spitze 2022

Breite: 54° 02' N, Länge: 8° 50' E

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

● Neumond   ☉ erstes Viertel   ☉ Vollmond   ☉ letztes Viertel

Mitteleuropäische Sommerzeit

## Friedrichskoog, Spitze 2022

Breite: 54° 02' N, Länge: 8° 50' E

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

● Neumond    ☾ erstes Viertel    ☉ Vollmond    ☾ letztes Viertel

**Mitteleuropäische Sommerzeit**

## Friedrichskoog, Spitze 2022

Breite: 54° 02' N, Länge: 8° 50' E

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

● Neumond    ☽ erstes Viertel    ☉ Vollmond    ☽ letztes Viertel

**Bis 30.10. 3 Uhr Mitteleuropäische Sommerzeit**

**Friedrichskoog, Spitze 2022**

Breite: 54° 02' N, Länge: 8° 50' E

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

● Neumond ○ erstes Viertel ○ Vollmond ● letztes Viertel

Mitteleuropäische Zeit