

Friedrichskoog, Spitze 2017

Breite: 54° 02' N, Länge: 8° 50' E

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

☽ Neumond ☾ erstes Viertel ☽ Vollmond ☽ letztes Viertel

Mitteeuropäische Zeit

Friedrichskoog, Spitze 2017

Breite: 54° 02' N, Länge: 8° 50' E

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

☽ Neumond ☾ erstes Viertel ☽ Vollmond ☽ letztes Viertel

Ab 26.03. 3 Uhr Mitteleuropäische Sommerzeit

Friedrichskoog, Spitze 2017

Breite: 54° 02' N, Länge: 8° 50' E

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

☾ Neumond ☽ erstes Viertel ☽ Vollmond ☽ letztes Viertel

Mitteleuropäische Sommerzeit

Friedrichskoog, Spitze 2017

Breite: 54° 02' N, Länge: 8° 50' E

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

☽ Neumond ☾ erstes Viertel ☽ Vollmond ☽ letztes Viertel

Mitteleuropäische Sommerzeit

Friedrichskoog, Spitze 2017

Breite: 54° 02' N, Länge: 8° 50' E

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

☽ Neumond ¥ erstes Viertel £ Vollmond ☾ letztes Viertel

Bis 29.10. 3 Uhr Mitteleuropäische Sommerzeit

Friedrichskoog, Spitze 2017

Breite: 54° 02' N, Länge: 8° 50' E

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

☽ Neumond ¥ erstes Viertel £ Vollmond ☾ letztes Viertel

Mittleuropäische Zeit