

Kollmar, Kamperreihe, Elbe 2022

Breite: 53° 44' N, Länge: 9° 28' E

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

● Neumond ○ erstes Viertel ○ Vollmond ● letztes Viertel

Mitteleuropäische Zeit

Kollmar, Kamperreihe, Elbe 2022

Breite: 53° 44' N, Länge: 9° 28' E

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

● Neumond ○ erstes Viertel ○ Vollmond ○ letztes Viertel

Ab 27.03. 3 Uhr Mitteleuropäische Sommerzeit

Kollmar, Kamperreihe, Elbe 2022

Breite: 53° 44' N, Länge: 9° 28' E

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

● Neumond ☉ erstes Viertel ○ Vollmond ☾ letztes Viertel

Mitteleuropäische Sommerzeit

Kollmar, Kamperreihe, Elbe 2022

Breite: 53° 44' N, Länge: 9° 28' E

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

● Neumond ○ erstes Viertel ○ Vollmond ● letztes Viertel

Mitteleuropäische Sommerzeit

Kollmar, Kamperreihe, Elbe 2022

Breite: 53° 44' N, Länge: 9° 28' E

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

● Neumond ○ erstes Viertel ○ Vollmond ● letztes Viertel

Bis 30.10. 3 Uhr Mitteleuropäische Sommerzeit

Kollmar, Kamperreihe, Elbe 2022

Breite: 53° 44' N, Länge: 9° 28' E

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

● Neumond ○ erstes Viertel ○ Vollmond ● letztes Viertel

Mitteleuropäische Zeit