

# Dämmerungszeiten Mitteleuropa

(Zeiten in MESZ)

**Tab. 1: Beginn der Nautischen Dämmerung abends (Sonne 6° unter dem Horizont)**

	<b>Wien</b> (48.2°N/16.4°E)	<b>München</b> (48.1°N/11.6° E)	<b>Zürich</b> (47.4°N/8.5°E)	<b>Dresden</b> (51.1°N/13.7°E)	<b>Erfurt</b> (51.0°N/11.0°N)	<b>Bonn</b> (50.7°N/7.1° E)	<b>Stralsund</b> (54.3°N/13.1°E)	<b>Hamburg</b> (53.6°N/10.0°E)	<b>Emden</b> (53.4°N/7.2°E)
31. Mai	21:26	21:45	21:53	21:54	22:05	22:19	22:22	22:28	22:38
05. Juni	21:31	21:50	21:58	22:00	22:10	22:24	22:29	22:35	22:44
10. Juni	21:35	21:54	22:02	22:05	22:15	22:29	22:35	22:40	22:50
15. Juni	21:38	21:57	22:05	22:08	22:19	22:32	22:39	22:44	22:54
20. Juni	21:40	21:59	22:07	22:10	22:21	22:34	22:41	22:46	22:56
25. Juni	21:41	21:59	22:07	22:11	22:21	22:35	22:42	22:47	22:56
30. Juni	21:40	21:59	22:06	22:09	22:20	22:34	22:40	22:45	22:54
05. Juli	21:38	21:57	22:04	22:07	22:17	22:31	22:36	22:42	22:51
10. Juli	21:34	21:53	22:01	22:03	22:13	22:27	22:31	22:37	22:46
15. Juli	21:30	21:49	21:57	21:57	22:08	22:22	22:24	22:30	22:40
20. Juli	21:24	21:43	21:52	21:51	22:01	22:15	22:16	22:22	22:32
25. Juli	21:18	21:37	21:45	21:43	21:54	22:08	22:06	22:13	22:23
30. Juli	21:10	21:29	21:38	21:35	21:45	21:59	21:56	22:04	22:14
04. August	21:02	21:21	21:30	21:25	21:36	21:50	21:45	21:53	22:03

**Tab. 2: Beginn der Nautischen Dämmerung morgens (Sonne 12° unter dem Horizont)**

	<b>Stralsund</b> (54.3°N/13.1°E)	<b>Hamburg</b> (53.6°N/10.0°E)	<b>Emden</b> (53.4°N/7.2°E)	<b>Dresden</b> (51.1°N/13.7°E)	<b>Erfurt</b> (51.0°N/11.0°N)	<b>Wien</b> (48.2°N/16.4°E)	<b>Bonn</b> (50.7°N/7.1° E)	<b>München</b> (48.1°N/11.6° E)	<b>Zürich</b> (47.4°N/8.5°E)
01. Juni	02:19	02:47	03:01	03:06	03:18	03:24	03:36	03:44	04:02
06. Juni	02:05	02:36	02:51	03:00	03:11	03:19	03:30	03:39	03:57
11. Juni	01:53	02:27	02:42	02:55	03:06	03:15	03:26	03:36	03:54
16. Juni	01:42	02:21	02:37	02:52	03:04	03:14	03:23	03:34	03:53
21. Juni	01:39	02:20	02:36	02:52	03:04	03:14	03:23	03:34	03:53
26. Juni	01:44	02:23	02:39	02:54	03:06	03:16	03:25	03:36	03:55
01. Juli	01:56	02:30	02:46	02:59	03:10	03:19	03:29	03:39	03:58
06. Juli	02:10	02:41	02:56	03:05	03:17	03:25	03:36	03:44	04:03
11. Juli	02:26	02:53	03:08	03:14	03:25	03:31	03:43	03:51	04:09
16. Juli	02:42	03:07	03:21	03:23	03:35	03:38	03:53	03:58	04:16
21. Juli	02:58	03:21	03:34	03:33	03:45	03:47	04:02	04:06	04:24
26. Juli	03:13	03:34	03:48	03:44	03:56	03:55	04:13	04:15	04:32
31. Juli	03:28	03:48	04:01	03:55	04:06	04:04	04:24	04:23	04:41
05. August	03:42	04:02	04:14	04:06	04:17	04:13	04:34	04:32	04:49