

2025

Zonsdeclinatie en tijdsvereffening om 12:00 uur MET

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Bron: NauticalAlmanac.it

da- tum	januari		februari		maart		april		mei		juni		da- tum
	Decl. (°)	E (m:s)	Decl. (°)	E (m:s)	Decl. (°)	E (m:s)	Decl. (°)	E (m:s)	Decl. (°)	E (m:s)	Decl. (°)	E (m:s)	
1	-22.959	-3:40	-16.958	-13:35	-7.399	-12:15	4.731	-3:47	15.228	2:57	22.121	2:07	1
2	-22.869	-4:08	-16.669	-13:42	-7.017	-12:04	5.116	-3:29	15.526	3:03	22.251	1:58	2
3	-22.772	-4:35	-16.375	-13:49	-6.634	-11:51	5.499	-3:12	15.820	3:09	22.373	1:48	3
4	-22.667	-5:03	-16.076	-13:54	-6.249	-11:38	5.881	-2:54	16.110	3:15	22.490	1:38	4
5	-22.554	-5:30	-15.772	-13:59	-5.862	-11:25	6.260	-2:37	16.395	3:20	22.599	1:27	5
6	-22.434	-5:56	-15.464	-14:03	-5.475	-11:11	6.638	-2:20	16.676	3:24	22.703	1:16	6
7	-22.307	-6:22	-15.151	-14:07	-5.086	-10:56	7.014	-2:03	16.952	3:28	22.799	1:05	7
8	-22.172	-6:47	-14.835	-14:09	-4.696	-10:42	7.388	-1:46	17.223	3:32	22.889	0:53	8
9	-22.030	-7:12	-14.514	-14:11	-4.304	-10:27	7.760	-1:30	17.490	3:35	22.972	0:42	9
10	-21.881	-7:36	-14.189	-14:11	-3.913	-10:11	8.130	-1:14	17.752	3:37	23.048	0:30	10
11	-21.725	-8:00	-13.860	-14:11	-3.520	-9:56	8.497	-0:58	18.008	3:39	23.118	0:18	11
12	-21.562	-8:23	-13.527	-14:11	-3.127	-9:39	8.862	-0:42	18.260	3:40	23.181	0:05	12
13	-21.392	-8:45	-13.191	-14:09	-2.733	-9:23	9.225	-0:27	18.506	3:40	23.237	-0:07	13
14	-21.215	-9:07	-12.851	-14:07	-2.338	-9:06	9.585	-0:12	18.748	3:40	23.286	-0:20	14
15	-21.031	-9:28	-12.508	-14:04	-1.943	-8:50	9.942	0:03	18.984	3:40	23.328	-0:33	15
16	-20.841	-9:49	-12.161	-14:00	-1.548	-8:32	10.297	0:17	19.214	3:39	23.364	-0:45	16
17	-20.644	-10:08	-11.811	-13:56	-1.153	-8:15	10.649	0:31	19.440	3:37	23.392	-0:58	17
18	-20.440	-10:27	-11.458	-13:51	-0.758	-7:58	10.998	0:44	19.659	3:35	23.414	-1:11	18
19	-20.230	-10:46	-11.102	-13:45	-0.362	-7:40	11.344	0:57	19.874	3:32	23.429	-1:25	19
20	-20.014	-11:03	-10.743	-13:39	0.033	-7:22	11.687	1:10	20.082	3:28	23.437	-1:38	20
21	-19.791	-11:20	-10.381	-13:32	0.428	-7:04	12.026	1:22	20.285	3:24	23.438	-1:51	21
22	-19.562	-11:36	-10.017	-13:25	0.823	-6:47	12.363	1:34	20.482	3:20	23.432	-2:04	22
23	-19.327	-11:52	-9.649	-13:16	1.217	-6:29	12.696	1:45	20.674	3:15	23.419	-2:17	23
24	-19.086	-12:06	-9.280	-13:08	1.611	-6:11	13.025	1:56	20.859	3:09	23.400	-2:30	24
25	-18.840	-12:20	-8.908	-12:58	2.004	-5:52	13.352	2:06	21.038	3:03	23.373	-2:43	25
26	-18.587	-12:33	-8.534	-12:48	2.397	-5:34	13.674	2:16	21.212	2:56	23.340	-2:56	26
27	-18.329	-12:46	-8.158	-12:38	2.788	-5:16	13.993	2:25	21.379	2:49	23.300	-3:08	27
28	-18.066	-12:57	-7.779	-12:27	3.179	-4:58	14.307	2:34	21.540	2:42	23.253	-3:21	28
29	-17.797	-13:08			3.569	-4:40	14.618	2:42	21.695	2:34	23.199	-3:33	29
30	-17.522	-13:18			3.958	-4:22	14.925	2:49	21.843	2:25	23.138	-3:45	30
31	-17.243	-13:27			4.345	-4:05			21.985	2:17			31

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Bron: NauticalAlmanac.it

da- tum	juli		augustus		september		oktober		november		december		da- tum
	Decl. (°)	E (m:s)	Decl. (°)	E (m:s)	Decl. (°)	E (m:s)	Decl. (°)	E (m:s)	Decl. (°)	E (m:s)	Decl. (°)	E (m:s)	
1	23.071	-3:57	17.884	-6:22	8.092	0:02	-3.383	10:24	-14.586	16:25	-21.875	10:54	1
2	22.997	-4:08	17.628	-6:17	7.728	0:22	-3.770	10:43	-14.902	16:26	-22.024	10:31	2
3	22.916	-4:19	17.366	-6:13	7.361	0:41	-4.156	11:02	-15.214	16:26	-22.165	10:08	3
4	22.829	-4:30	17.100	-6:07	6.992	1:01	-4.541	11:20	-15.522	16:26	-22.299	9:44	4
5	22.735	-4:40	16.830	-6:01	6.622	1:21	-4.926	11:39	-15.826	16:24	-22.427	9:19	5
6	22.634	-4:50	16.555	-5:54	6.249	1:42	-5.309	11:56	-16.126	16:22	-22.546	8:54	6
7	22.527	-5:00	16.275	-5:47	5.875	2:02	-5.692	12:14	-16.420	16:19	-22.659	8:29	7
8	22.414	-5:09	15.991	-5:39	5.500	2:23	-6.073	12:31	-16.711	16:15	-22.764	8:02	8
9	22.294	-5:18	15.703	-5:30	5.123	2:44	-6.453	12:47	-16.996	16:10	-22.862	7:36	9
10	22.167	-5:26	15.411	-5:21	4.744	3:05	-6.831	13:04	-17.277	16:04	-22.952	7:09	10
11	22.034	-5:34	15.114	-5:12	4.364	3:26	-7.208	13:19	-17.553	15:58	-23.035	6:41	11
12	21.895	-5:42	14.814	-5:02	3.983	3:48	-7.584	13:34	-17.824	15:50	-23.110	6:13	12
13	21.750	-5:49	14.509	-4:51	3.600	4:09	-7.957	13:49	-18.090	15:42	-23.177	5:45	13
14	21.599	-5:56	14.201	-4:39	3.216	4:30	-8.329	14:03	-18.350	15:33	-23.237	5:16	14
15	21.441	-6:02	13.889	-4:28	2.832	4:52	-8.699	14:16	-18.606	15:23	-23.289	4:48	15
16	21.277	-6:07	13.573	-4:15	2.446	5:13	-9.067	14:29	-18.855	15:12	-23.334	4:18	16
17	21.107	-6:12	13.254	-4:03	2.060	5:35	-9.433	14:41	-19.100	15:01	-23.370	3:49	17
18	20.932	-6:17	12.931	-3:49	1.673	5:56	-9.796	14:53	-19.338	14:48	-23.399	3:20	18
19	20.750	-6:21	12.605	-3:36	1.285	6:17	-10.157	15:04	-19.571	14:35	-23.420	2:50	19
20	20.563	-6:25	12.275	-3:21	0.896	6:39	-10.516	15:15	-19.798	14:20	-23.433	2:20	20
21	20.369	-6:28	11.942	-3:07	0.508	7:00	-10.872	15:24	-20.018	14:05	-23.438	1:50	21
22	20.170	-6:30	11.606	-2:51	0.119	7:21	-11.225	15:33	-20.233	13:50	-23.435	1:20	22
23	19.966	-6:32	11.267	-2:36	-0.271	7:42	-11.576	15:42	-20.442	13:33	-23.425	0:50	23
24	19.756	-6:33	10.925	-2:20	-0.660	8:03	-11.924	15:49	-20.644	13:16	-23.407	0:20	24
25	19.540	-6:34	10.580	-2:03	-1.050	8:23	-12.268	15:56	-20.840	12:57	-23.381	-0:09	25
26	19.319	-6:34	10.232	-1:47	-1.439	8:44	-12.610	16:03	-21.029	12:39	-23.347	-0:39	26
27	19.093	-6:34	9.882	-1:29	-1.829	9:04	-12.948	16:08	-21.212	12:19	-23.305	-1:09	27
28	18.861	-6:32	9.529	-1:12	-2.218	9:25	-13.283	16:13	-21.388	11:59	-23.255	-1:38	28
29	18.624	-6:31	9.173	-0:54	-2.607	9:45	-13.614	16:17	-21.557	11:38	-23.198	-2:07	29
30	18.383	-6:28	8.815	-0:35	-2.995	10:04	-13.942	16:21	-21.719	11:16	-23.133	-2:36	30
31	18.136	-6:25	8.455	-0:17			-14.266	16:23			-23.060	-3:05	31