

## Legend for the Sky Maps

- All celestial bodies (except for the Moon) are labeled by their *first three characters* of their names. If required the *last character* is appended as a fourth for disambiguation.
- The 58 navigational stars are marked in **blue** (see Table).
- 6 Bodies of the solar system are marked in **red**:
  - Sun
  - Venus
  - Moon (see below)
  - Mars
  - Jupiter
  - Saturn
- Solar system bodies are plotted at their positions on the day indicated in the plot title (except for the Moon).
- The Moon is plotted several times: for each of its positions every third day. Its labels follow the pattern "Md" or "Mdd", where "d" or "dd" represents the day number within the actual month.
- On the circumference of the plot the azimuth in degrees east of north are labeled.
- On the radial in direction 75° of azimuth (ENE) the *zenith distance* (i. e.  $90^\circ - \text{altitude}$ ) in degrees is labeled. Note, that the plotted circles of equal zenith distance are:  $90^\circ$ ,  $70^\circ$ ,  $50^\circ$ ,  $30^\circ$ , but that zenith distance  $10^\circ$  (altitude  $80^\circ$ ) near the center is missing.

ID Name	Bayer	SHA	RA	Dec	Mag	Sp	Dist	Vel
7 <i>Acamar</i>	<i>θ Eridani</i>	316	02:56	-40	3.20			
5 <i>Achernar</i>	<i>α Eridani</i>	336	01:36	-57	0.50			
30 <i>Acrux</i>	<i>α1 Crucis</i>	174	12:24	-63	1.40			
19 <b>Adhara</b>	<i>ε Canis Majoris</i>	256	06:56	-29	1.51	B	433.0	+27
55 <i>Al Na'ir</i>	<i>α Gruis</i>	28	22:08	-47	1.74			
10 <b>Aldebaran</b>	<i>α Tauri</i>	291	04:36	+16	0.85	var K	65.7	+54
32 <b>Alioth</b>	<i>ε Ursae Majoris</i>	167	12:52	+56	1.76	A	82.4	-9
34 <b>Alkaid</b>	<i>η Ursae Majoris</i>	153	13:48	+49	1.85	B	102.0	-11
15 <b>Alnilam</b>	<i>ε Orionis</i>	276	05:36	-1	1.70	B	1231.0	+26
25 <b>Alphard</b>	<i>α Hydrae</i>	218	09:28	-9	2.00	K	179.0	-4
41 <b>Alphecca, Gemma</b>	<i>α Corona Borealis</i>	127	15:32	+27	2.24	A	75.1	+2
1 <b>Alpheratz</b>	<i>α Andromedae</i>	358	00:08	+29	2.06	B	97.6	-12
51 <b>Altair</b>	<i>α Aquilae</i>	63	19:48	+9	0.77	A	16.7	-26
2 <i>Ankaa</i>	<i>α Phoenicis</i>	354	00:24	-42	2.37			
42 <b>Antares</b>	<i>α Scorpii</i>	113	16:28	-26	1.09	M	466.0	-3
37 <b>Arcturus, Arktur</b>	<i>α Bootis</i>	146	14:16	+19	-0.04	var K	36.7	-5
43 <i>Atria</i>	<i>α Trianguli Australis</i>	108	16:48	-69	1.92			
22 <i>Avior</i>	<i>ε1 Carinae</i>	234	08:24	-59	2.40			
13 <b>Bellatrix</b>	<i>γ Orionis</i>	279	05:24	+6	1.64	B	239.0	+18
16 <b>Betelgeuse, Beteigeuze</b>	<i>α Orionis</i>	271	05:56	+7	0.58	var M	723.0	+21
17 <i>Canopus</i>	<i>α Carinae</i>	264	06:24	-53	-0.72			
12 <b>Capella</b>	<i>α Aurigae</i>	281	05:16	+46	0.71	G	42.2	+30
53 <b>Deneb</b>	<i>α Cygni</i>	50	20:40	+45	1.25	A	3262.0	-5
28 <b>Denebola</b>	<i>β Leonis</i>	183	11:48	+15	2.14	A	36.2	0
4 <b>Diphda</b>	<i>β Ceti</i>	349	00:44	-18	2.04	K	95.6	+13
27 <b>Dubhe</b>	<i>α1 Ursae Majoris</i>	194	11:04	+62	1.87	K	124.0	-9
14 <b>Elnath</b>	<i>β Tauri</i>	279	05:24	+29	1.68	B	131.0	+9
47 <b>Eltanin, Etamin</b>	<i>γ Draconis</i>	91	17:56	+51	2.23	K	148.0	-28
54 <b>Enif</b>	<i>ε Pegasi</i>	34	21:44	+10	2.40	K	762.0	+5
56 <b>Fomalhaut</b>	<i>α Piscis Austrini</i>	16	22:56	-30	1.16	A	25.2	+7
31 <i>Gacrux</i>	<i>γ Crucis</i>	172	12:32	-57	1.63			
29 <b>Gienah</b>	<i>γ Corvi</i>	176	12:16	-17	2.80	B	165.0	-4
35 <i>Hadar</i>	<i>β Centauri</i>	149	14:04	-60	0.60			
6 <b>Hamal</b>	<i>α Arietis</i>	328	02:08	+23	2.00	K	66.0	-14
48 <b>Kaus Australis</b>	<i>ε Sagittarii</i>	84	18:24	-34	1.80	B	145.0	-15
40 <b>Kochab</b>	<i>β Ursae Minoris</i>	137	14:52	+74	2.08	K	126.0	+17
57 <b>Markab</b>	<i>α Pegasi</i>	14	23:04	+15	2.49	B	139.0	-4
8 <b>Menkar</b>	<i>α Ceti</i>	315	03:00	+4	2.50	M	225.0	-26
36 <b>Menkent</b>	<i>θ Centauri</i>	149	14:04	-36	2.06	K	61.6	+1
24 <i>Miaplacidus</i>	<i>β Carinae</i>	222	09:12	-70	1.70			
9 <b>Mirfak</b>	<i>α Persei</i>	309	03:24	+50	1.82	F	567.0	-2
50 <b>Nunki</b>	<i>σ Sagittarii</i>	76	18:56	-26	2.06	B	224.0	-11
52 <i>Peacock</i>	<i>α Pavonis</i>	54	20:24	-57	1.91			
0 <b>Polaris, Polarstern</b>	<i>α Ursae Minoris</i>	319	02:44	+89	2.01	var F	426.0	-17
21 <b>Pollux</b>	<i>β Geminorum</i>	244	07:44	+28	1.15	K	33.6	+3
20 <b>Procyon, Prokyon</b>	<i>α Canis Minoris</i>	245	07:40	+5	0.34	F	11.4	-3
46 <b>Rasalhague</b>	<i>α Ophiuchi</i>	96	17:36	+13	2.10	A	47.0	+13
26 <b>Regulus</b>	<i>α Leonis</i>	208	10:08	+12	1.35	B	77.5	+6
11 <b>Rigel</b>	<i>β Orionis</i>	282	05:12	-8	0.12	B	832.0	+21
38 <i>Rigel Kentaurus</i>	<i>α1 Centauri</i>	140	14:40	-61	-0.01			
44 <b>Sabik</b>	<i>η Ophiuchi</i>	103	17:08	-16	2.43	A	83.3	-1
3 <b>Schedar, Shedir</b>	<i>α Cassiopeiae</i>	350	00:40	+56	2.25	K	238.0	-4
45 <b>Shaula</b>	<i>λ Scorpii</i>	97	17:32	-37	1.62	B	723.0	-3
18 <b>Sirius</b>	<i>α Canis Majoris</i>	259	06:44	-17	-1.47	A	8.6	-8
33 <b>Spica</b>	<i>α Virginis</i>	159	13:24	-11	1.04	B	264.0	+1
23 <i>Suhail</i>	<i>λ Velorum</i>	223	09:08	-43	2.23			
49 <b>Vega, Wega</b>	<i>α Lyrae</i>	81	18:36	+39	0.03	A	25.3	-14
39 <b>Zubenelgenubi</b>	<i>α Librae</i>	138	14:48	-16	3.28	A	78.1	-10