

E9 _____ Equator, Ecliptic _____ Winter-Spring Constellations

NEBULA	Position	v-Mag.	Size	Shape	Type	Vis.	Dist.	R.A.	Dec.
2237	..... Mon		6	14/□' 80'	0 Em	DN		5 000 ly	6 ^h 32 ^m .3 5 ^o .00
2244	..... Mon		5	12 25	0 p n	OC		5 000	6 32.4 4.87
2301	..... Mon		6	11 15	0 m	OC		2 500	6 51.8 0.47
2324	..... Mon		8½	13 7	0 r	OC		12 000	7 04.2 1.05
2632	M44 Cnc		3½	13 80	0 m	OC		580	8 40.1 19.75
2682	M67 Cnc		7	13 20	0 r	OC		2 500	8 51.4 11.82

- 2237 **Rosette Nebula**, requires dark sky, best in binoculars or in a telescope at low power, nebula filter recommended (NGC 2237–39, 2246).
- 2244 In Rosette Nebula, fine in binoculars, no better in a telescope.
- 2301 Partially resolved in binoculars, completely resolved in a telescope, conspicuous chains of stars arranged in the direction north-south.
- 2324 Well visible only in a telescope, shows an impressive number of stars.
- 2632 M44 **Praesepe, Beehive**, easily visible with the unaided eye as a glow, impressive in binoculars, for a telescope with a wide field of view.
- 2682 M67 Large nebula in binoculars, beautifully resolved in a telescope.

STAR	Position	V-Mag.	B-V	Te.	Sp.	Abs.	Name	Dist.	R.A.	Dec.
8	ε Mon		• 4.3	✱ 0.2	↓	A6 1 ^M	.....	128 ly	6 ^h 23 ^m .8	4 ^o .59
T	Mon		• 5.6–6.6	1.0	↓	G8 –6	.....	6 000	6 25.2	7.09
3	β CMi		• 2.9	–1.1	↓	B8 –1	. Gomeisa .	170	7 27.2	8.29
4	γ CMi		• 4.3	1.4	↓	K3 –1	.....	400	7 28.2	8.93
10	α CMi		• 0.4	0.4	↓	F5 3	. Procyon .	11.4	7 39.3	5.22
16	ζ Cnc		• 4.7	✱ 0.5	↓	G0 3	.....	84	8 12.2	17.65
17	β Cnc		• 3.5	1.5	↓	K4 –1	.. Altarf ..	300	8 16.5	9.19
23	φ ² Cnc		• 5.5	✱ 0.2	↓	A4 1	.....	280	8 26.8	26.94
43	γ Cnc		• 4.7	0.0	↓	A1 1	Asellus Borealis	160	8 43.3	21.47
47	δ Cnc		• 3.9	1.1	↓	K0 1	Asellus Australis	135	8 44.7	18.15
48	ι Cnc		• 3.9	✱ 0.9	↓	G8 –1	.....	300	8 46.7	28.76
55	ρ ¹ Cnc		• 5.3	✱ 1.1	↓	K4 –1	55, 53 Cnc	41,800	8 52.5	28.30
57	Cnc		• 5.4	✱ 1.0	↓	G8 0	.....	370	8 54.2	30.58
X	Cnc		• 6.0–6.5	3.2	•	C6 –3	.....	2 000	8 55.4	17.23
65	α Cnc		• 4.3	0.1	↓	A5 1	. Acubens .	175	8 58.5	11.86
RS	Cnc		• 5.3–6.3	1.5	↓	M6 0	.....	420	9 10.6	30.96

BINARY	Position	V-Mag.	B-V	Te.	Sep.	PA	Vis.
8	ε Mon		• 4.4 6.6	0.2 0.4	∥∥	12.2	•
16	ζ Cnc		• 5.0 ✱ 6.1	0.5 0.7	∥∥	6.2	•
			5.6 6.0	0.5 0.6	∥∥	5	•
					2012	1.1	•
					2020	1.1	•
23	φ ² Cnc		• 6.2 6.3	0.2 0.2	∥∥	5.2	•
48	ι Cnc		• 4.0 6.5	1.0 0.1	∥∥	30.5	•
55	ρ ¹ Cnc		• 6.0 6.3	0.9 1.5	∥∥	272	•
57	Cnc		• 6.0 6.3	1.0 1.1	∥∥	1.5	•

VARIABLE	STAR
T	Mon
	Period 27.025 d
	Max. 2454000
	Min. Max. +20
X	Cnc
	semireg.
	Period ≈ 180 d
	Extrema 5.6–7.5
RS	Cnc
	semireg.
	Period ≈ 120 d

