

ORION overview (Messier and Caldwell objects)

14 Objects

Open clusters											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C41	TAU			0.50	30'						-
C50	MON			4.80	23'	n. eye				5000 Ly	2244
M50	MON			6.30	20'	8x30				3500 Ly	2323
3 open clusters											

Nebula											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C46	MON	Hubble's variable nebula		-----	1.5'x1'	50 mm				3000 Ly	2261
C49	MON	Rosette nebula		-----	80'x60'	10x50				5000 Ly	2237
M1	TAU	Crab nebula		8.40	5'x4'	10x50	+	+	-	4000 Ly	1952
M42	ORI	Great Orion nebula		4.00	25'x30'	n. eye	+	++	o	1400 Ly	1976
M43	ORI			9.00	6'x3'	10x50	o	+	++	1400 Ly	1982
M78	ORI			8.30	5'x4'	10x50				1200 Ly	2068
6 nebula											

Double stars											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
λ Ori	ORI		43° / 4.4"	3.6 / 5.5						1069 ly	
σ Ori	ORI	STF3135	Color contrast - 13/11/42" / 84/236/61°	4.1 / 7.5 / 10.0 / 6.5							
θ Ori	ORI		92° / 53" / 134° / 135"	5.1 / 6.7 / 5.1 / 5.1							
22 Ori	ORI		240° / 242"	4.7 / 5.7							
4 double stars											

Variable stars											
Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
α Ori	ORI	Betelgeuse	2000 days	0.4 / 1.3							
1 variable star											

