

CASSIOPEIA overview (Messier and Caldwell objects)

21 Objects

Open clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C8	CAS	Owl cluster h+χ	bright, pretty large, pretty rich in stars	9.50	7'					3721 Ly	559
C10	CAS		7.10	15'	8x30				9200 Ly	663	
C13	CAS		6.40	15'x10'	8x30				8200 Ly	457	
C14	PER		4.30	20'	n. eye				8000 Ly	869/884	
M52	CAS		7.30	10'	8x30				4600 Ly	7654	
M103	CAS		7.40	6'	8x30				9200 Ly	581	
6 open clusters											

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C5	CAM			9.20	21'x20'					13 Mio. Ly	IC342
C17	CAS			9.30	13'x7'					2.3 Mio. ly	147
C18	CAS			9.20	8'x7'					2.3 Mio. Ly	185
C24	PER			11.60	1'	150 mm				250 Mio. Ly	1275
4 galaxies											

Nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C4	CEP			-----	10'	80 mm	o	o	-		7023
C9	CEP			-----	50'						-
C11	CAS	Bubble nebula		-----	1'	120 mm	++	+	-	7100 Ly	7635
3 nebula											

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C2	CEP			12.40	1'	80 mm	o	+	o		40
C22	AND	Blue snowball		8.30	0.5'	80 mm	+	+	-	1000 Ly	7662
M76	PER	Little dumbbell		10.10	1'	10x50	++	++	-	4000 Ly	650
3 planetary nebula											

Double stars

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
η Cas	CAS	Achird, STF60, ADS671	Color contrast - 12.2"/315°	3.4 / 7.5							
φ Cas	CAS		134"	5.0 / 7.0							
ADS1	CAS	STF3053	Color contrast - 15.2"/70°	5.9 / 7.3							
AR	CAS		76"	4.9 / 6.9							
4 double stars											

Variable stars

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
SU	CAS		Period: 2 days	5.7 / 6.2							
1 variable star											

