OCOC

Object ID:	
Const.: Pyp	Observer B Your
RA: Dec.:	Date 4/15/7
Mag: Size:	Time 9150
	Location CM CC
	Seeing Transparency I
	Instrument DOC
	Size   2
	Eyepiece 40
	Field of view Power
	•
Can this cluster be easily distingui	shed from the background stars? Yes
What is the overall shape of the ob-	oject? Clyp
How many stars can you count in	,
•	
Are the stars more concentrated in	a any one particular area? only in clomp
• Is this cluster resolved fully or is the	here some background nebulosity noticed?
• Is there any particular area where	you notice an absence of stars in this cluster? $\sim_o$
Are there any particularly bright s	stars involved in this cluster? If so, do they show any colors? $\sim$
Are there any other deep-sky obje	cts in the same field of view? If so, what?
Description	Tr= I1p
	N. Mariana

Bont Ococ & Ruoc!

Object ID: M47/z438	
Const.:	Observer B, Yout
RA: Dec.:	Date 3/24/6
Mag: Size:	Time 9:40 CST
	Location RMCe
	Seeing Transparency X
	Instrument XT12
	Size 12
The state of the s	Eyepiece 42
	Field of view Power 3 8
Can this cluster be easily distinguished from	a the best-many distance Mark
• What is the overall shape of the object? (	land
• How many stars can you count in the cluste	r? > 100
Are the stars more concentrated in any one	particular area? No
Is this cluster resolved fully or is theresome	background nebulosity noticed?
Is there any particular area where you notice	
• 1s there any particular area where you notice	ce an absence of stars in this cluster? (Vo
• Are there any particularly bright stars invol	lved in this cluster? If so, do they show any colors? No
• Are there any other deep-sky objects in the	same field of view? If so, what? Yes
NGC 2438 obsoss	as small round glow on whather
<b>Description</b>	Lq
1 (= 74 /	L q

Object ID:	
Const.:	Observer 3 your
RA: Dec.:	Date 3/24/6
Mag: Size:	Time 9:55 CSC
	Location RMCC
	Seeing Transparency T
	Instrument XT7
	Size 12
	Eyepiece 42
	Field of view Power 39
	:
Can this cluster be easily distinguished from	the background stars?
• What is the overall shape of the object? $\ell_{\circ}$	
How many stars can you count in the cluster	? 15
• Are the stars more concentrated in any one p	particular area? 🏳 🤈
• Is this cluster resolved fully or is there some	background pebulosity noticed?
Is there any particular area where you notice	
,	
Are there any particularly bright stars involved	ved in this cluster? If so, do they show any colors? $N_{\mathcal{O}}$
• Are there any other deep-sky objects in the s	ame field of view? If so, what? No.
Description New round glaw	If a few trees of resolucts
Tr= II 2	-P

#### Observing Log

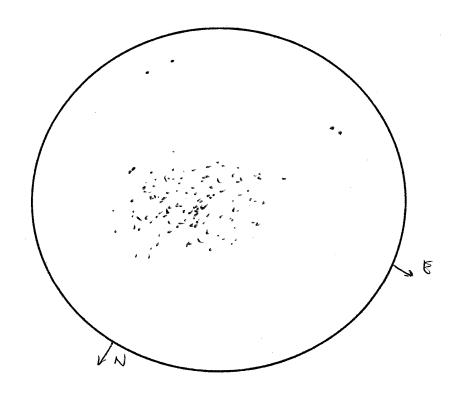
Obi	ect	type:	Op	en (	Clus	ter
~~		JPT.	_ P			

Object ID: NG-C 2439	
Const.:	Observer B YOM
RA: Dec.:	Date 3/24/6
Mag: Size:	•
	Location CMCC
	Seeing Transparency T
	Instrument XT12
	Size V2
	Eyepiece 42
	Field of view Power 38
	· 1 · 1 · 1 · C · · · · · · · · · · · ·
Can this cluster be easily distingu	nished from the background stars? Yes
• What is the overall shape of the o	object?
• How many stars can you count in	the cluster?
Are the stars more concentrated	in any one particular area? No
	there some background nebulosity noticed?
• Is there any particular area when	e you notice an absence of stars in this cluster? N.
• Are there any particularly bright	t stars involved in this cluster? If so, do they show any colors? المراجعة على المراجعة المرا
Are there any other deep-sky obi	ects in the same field of view? If so, what? No
The same and the s	
Description	$= T3\rho$
	1
***************************************	

Dec.:	Date 3/24/6
Size:	Time 9110 C)
	Location Cncc
	Seeing Transparency T
•	Instrument XT12
	Size 12
(A)	Eyepiece 42
	Field of view Power 3 8
erall shape of the objec	ed from the background stars? Yes
erall shape of the objects	ecluster? 35-40
erall shape of the object rs can you count in the nore concentrated in an resolved fully or is there	e cluster? 35-40  ny one particular area? Yos, were to Pul e some background nebulosity noticed? Along with
erall shape of the object rs can you count in the nore concentrated in an resolved fully or is there	e cluster? 35-40  ny one particular area? Yos, were to Pul e some background nebulosity noticed? Along with
erall shape of the object rs can you count in the nore concentrated in an resolved fully or is there articular area where yo	ecluster? 35-40  ny one particular area? Yes, rever to PN
erall shape of the object rs can you count in the nore concentrated in an resolved fully or is there articular area where yo particularly bright stan	e cluster? 35-40  ny one particular area? Yos, where to Police some background nebulosity noticed? Along with a notice an absence of stars in this cluster? No Me is involved in this cluster? If so, do they show any colors
erall shape of the objects can you count in the nore concentrated in an resolved fully or is there articular area where yo particularly bright stanother deep-sky objects	e cluster? 35-40  ny one particular area? Yes, rever to Pul e some background nebulosity noticed? Along with ou notice an absence of stars in this cluster? No Me

Object ID:	
Const.:	Observer B Yank
RA: Dec.:	Date $4/15/7$
Mag: Size:	Time 9:30
	Location CMCC
	Seeing I Transparency I
	Instrument OOB
•	Size <u>2</u>
	Eyepiece 40
	Field of view Power
<ul> <li>How many stars can you count in</li> <li>Are the stars more concentrated</li> <li>Is this cluster resolved fully or is</li> <li>Is there any particular area whe</li> <li>Are there any particularly bright</li> </ul>	n the cluster? Ony I in any one particular area? No there some background nebulosity noticed? re you notice an absence of stars in this cluster? No it stars involved in this cluster? If so, do they show any colors? Yes, of the same field of view? If so, what?
Description	Tr=Itp

DATE 3/15/L TIME 9/5 (CSDC	DT CLARITY I LII IV V	SEEING IÜIII IV V
INSTRUMENT ETX-125	50 x 800 mm RR 10x50	EYE XTIZ
POWER 10 47 73 153 190	20 30 64	80 133 200 🛐
OBJECT MYS	FILTER NO	NB WB OIII
OBS. PROGRAM OCO	LOCATION (RMC	сс номе



Wonderful lines over > 100	Soms, Especially
"n'er" of ~ 20 near senter 1	,
gy to the east of	
	, in the second

		Dist
nst.:		Observer Bryong
·	Dec.:	Date 12/30/05
ıg:	Size:	Time
		Location <u>@MCC</u>
		Seeing 4 Transparency 4—  Instrument XT12
		Size
		Eyepiece 40 mm
1		Field of view Power 374
\ ·		
Can this	cluster be easily distinguish	ned from the background stars?   +13 He field
	cluster be easily distinguish he overall shape of the obje	
What is th	he overall shape of the obje	ect? Sonfrered
What is the How man	he overall shape of the obje	ect? Scaffered be cluster? 105 in one frell
What is the How man Are the st	he overall shape of the obje y stars can you count in th ars more concentrated in a	ect? Sentrered  ectuster? 10% in one freld  any one particular area? Some climps
What is the How man Are the start is this cluster.	he overall shape of the object by stars can you count in the cars more concentrated in a ster resolved fully or is the	e cluster? 105 in one freld  any one particular area? Some climps  re some background nebulosity noticed?
What is the How man Are the state Is this cluster and the state Is there are	he overall shape of the object by stars can you count in the cars more concentrated in a ster resolved fully or is the car particular area where you	ect? Sentreed  e cluster? 105 in one freld  any one particular area? Some closely  re some background nebulosity noticed?  ou notice an absence of stars in this cluster? A.
What is the How man Are the state Is this cluster and Is there are	he overall shape of the object by stars can you count in the cars more concentrated in a ster resolved fully or is the car particular area where you	ect? Sentreed  e cluster? 105 in one freld  any one particular area? Some closely  re some background nebulosity noticed?  ou notice an absence of stars in this cluster? A.
What is the How man Are the state of the sta	he overall shape of the object by stars can you count in the cars more concentrated in a ster resolved fully or is the car particular area where you any particularly bright stars.	ect? Sentreed  se cluster? 105 in one freld  any one particular area? Some closely  re some background nebulosity noticed?  ou notice an absence of stars in this cluster? Wo  ars involved in this cluster? If so, do they show any colors?
What is the How man Are the state of the sta	he overall shape of the object by stars can you count in the cars more concentrated in a ster resolved fully or is the car particular area where you any particularly bright stars.	ect? Sentreed  e cluster? 105 in one freld  any one particular area? Some closely  re some background nebulosity noticed?  ou notice an absence of stars in this cluster? A.
What is the How man Are the state of the sta	he overall shape of the object by stars can you count in the cars more concentrated in a ster resolved fully or is the car particular area where you any particularly bright stars.	ect? Sentreed  se cluster? 105 in one freld  any one particular area? Some closely  re some background nebulosity noticed?  ou notice an absence of stars in this cluster? Wo  ars involved in this cluster? If so, do they show any colors?
What is the How man Are the state of the sta	he overall shape of the objects  y stars can you count in the  tars more concentrated in a  ster resolved fully or is the  ny particular area where you  any particularly bright sta  any other deep-sky objects	ect? Sentreed  se cluster? 105 in one freld  any one particular area? Some closely  re some background nebulosity noticed?  ou notice an absence of stars in this cluster? Wo  ars involved in this cluster? If so, do they show any colors?
What is the How man Are the state of the sta	he overall shape of the objects  y stars can you count in the  tars more concentrated in a  ster resolved fully or is the  ny particular area where you  any particularly bright sta  any other deep-sky objects	ect? Sentreed  se cluster? 105 in one freld  any one particular area? Some closely  re some background nebulosity noticed?  ou notice an absence of stars in this cluster? Wo  ars involved in this cluster? If so, do they show any colors?

DATE 3/2/TIME 10: 10 CST CDT CLARITY I IOII IV V SEEING IOIII IV V
INSTRUMENT ETX-125 50 x 800 mm RR 10x50 EYE AT-12
POWER 10 47 73 153 316 475 20 30 64 80 133 200 38
OBJECT
OBS. PROGRAM OCOC LOCATION RMCC HOME
3 6
Mostly resolved - a few yellow frame
sours noticed. Sweeping curve to SW
makes this "cup shaped" view
Tr= II 2m

bject ID:	•		,	
onst.:			B Yout	
A:	Dec.:	Date	9/18/6	
[ag:	Size:	Time	9:55 COT	· · · · · · · · · · · · · · · · · · ·
		Location	Romers	
		Seeing	Transparency	
		Instrument_	XTI2	
1		Size		
	·	Eyepiece	42	
	•	Field of view	Power_	38
		/		
	•			
	uster be easily disting the overall shape of the	nguished from the backgroun	nd stars? Jos L	
What is the	e overall shape of the	t in the cluster? 2		
What is the How many	e overall shape of the stars can you count	t in the cluster? 25	<b>?</b> No	
What is the How many Are the sta	e overall shape of the stars can you count urs more concentrate ter resolved fully or	t in the cluster? 25  ed in any one particular area is there some background no	? Mo ebulosity neticed?	
What is the How many Are the sta Is this clust Is there an	e overall shape of the stars can you count urs more concentrate ter resolved fully or y	t in the cluster? 25 ed in any one particular area is there some background no here you notice an absence of	? No ebulosity neticed?	•
What is the How many Are the sta Is this clust Is there an	e overall shape of the stars can you count urs more concentrate ter resolved fully or y	t in the cluster? 25  ed in any one particular area is there some background no	? No ebulosity neticed?	•
What is the How many Are the star Is this clust Is there an Are there a	e overall shape of the stars can you count are more concentrate ter resolved fully or y particular area when y particularly brightness of the start	t in the cluster? 25 ed in any one particular area is there some background no here you notice an absence of	? Mo ebulosity noticed? stars in this cluster? f ter? If so, do they show	vany colors? $\sim$
What is the How many Are the sta Is this clust Is there an Are there a	e overall shape of the stars can you count urs more concentrate ter resolved fully er ty particular area when y particular area when y particularly brightny other deep-sky o	t in the cluster? 25 ed in any one particular area is there some background no here you notice an absence of ght stars involved in this clus objects in the same field of vi	? No ebulosity noticed? f stars in this cluster? f ter? If so, do they showew? If so, what?	v any colors? ~
What is the How many Are the sta Is this clust Is there and Are there a	e overall shape of the stars can you count urs more concentrate ter resolved fully er ty particular area when y particular area when y particularly brightny other deep-sky o	t in the cluster? 25 ed in any one particular area is there some background no here you notice an absence of	? No ebulosity noticed? f stars in this cluster? f ter? If so, do they showew? If so, what?	v any colors? ~
What is the How many Are the sta Is this clust Is there an Are there a	e overall shape of the stars can you count urs more concentrate ter resolved fully er ty particular area when y particular area when y particularly brightny other deep-sky o	t in the cluster? 25 ed in any one particular area is there some background no here you notice an absence of ght stars involved in this clus objects in the same field of vi	? No ebulosity noticed? f stars in this cluster? f ter? If so, do they showew? If so, what?	v any colors? ~
What is the How many Are the sta Is this clust Is there and Are there a	e overall shape of the stars can you count urs more concentrate ter resolved fully er ty particular area when y particular area when y particularly brightny other deep-sky o	t in the cluster? 25 ed in any one particular area is there some background no here you notice an absence of ght stars involved in this clus objects in the same field of vi	? No ebulosity noticed? f stars in this cluster? f ter? If so, do they showew? If so, what?	v any colors? ~

Object ID:	
Const.: Of H	Observer B YOM
RA: Dec.:	Date 6/18/6
Mag: Size:	Time 10:45 COT
	Location MCC
	Seeing Transparency
	Instrument XT-)2
	Size
	Eyepiece 42
	Field of viewPower
Forty	
Can this cluster be easily distinguished from	
• What is the overall shape of the object?	
How many stars can you count in the cluster	r? ~lo
Are the stars more concentrated in any one	particular area? Sming on Essile
• Is this cluster resolved fully or is there some	background nebulosity noticed?
Is there any particular area where you notice	te an absence of stars in this cluster? $\sim_{\circ}$
Are there any particularly bright stars invol	wed in this cluster? If so, do they show any colors? $\sim$
Are there any other deep-sky objects in the	same field of view? If so, what?
Description	= F1p

Object ID:	
Const.:	Observer B Young
RA: Dec.:	Date 6/18/6
Mag: Size:	Time
	Location MCe
	Seeing Transparency
/ · \	Instrument XT12
	Size <u>2</u>
	Eyepiece 42
. /	Field of view Power
• Can this cluster be easily distinguished from	om the background stars?
• What is the overall shape of the object?	Jame
How many stars can you count in the clus	
• · · · · · · · · · · · · · · · · · · ·	
Are the stars more concentrated in any on	ne particular area? $N_o$
Is this cluster resolved fully or is there son	me background nebulosity noticed?
Is there any particular area where you no	otice an absence of stars in this cluster? $ \mathcal{N}_{\!\scriptscriptstyle \mathcal{O}} $
• Are there any particularly bright stars inv	volved in this cluster? If so, do they show any colors? O
Are there any other deep-sky objects in th	
•	
Description lever 6383 an	Vay-10 m line, 6 bers
	T T10
	++

Object ID: NGC 6383	<del>_</del>
Const.: Sc.	Observer B. Your
RA: Dec.:	Observer B, Your Date 7/2/6
Mag: Size:	
	Location
	N6 Seeing III Transparency I-
	Instrument XT 12
	Size   2
	Eyepiece 40
	Field of view Power
Can this cluster be easily distinguished:	irom the dackground stars?
What is the overall shape of the object?	Dees
How many stars can you count in the cl	uster? \\
• Are the stars more concentrated in any	one particular area? Arma Sm
Is this cluster resolved fully or is there s	
	•
•	notice an absence of stars in this cluster?
Are there any particularly bright stars i	nvolved in this cluster? If so, do they show any colors? 📞 🗡
	the same field of view? If so, what? Mb 3016
Description TC= I3	

1 1
DATE 6/18/LTIME
INSTRUMENT (T-12) ETX-125 50 x 800 mm RR 10x50 EYE
POWER 38 60 121 150 250 375 10 47 73 153 316 475
OBJECT
OBS. PROGRAM OCOC LOC. RMCC) RANCH HOME
3 brights & secal fame orthogon to E.
Tr= I3p

DATE 6/3/6TIME 11:20 CST OD CLARITY (I) III IV V SEEINO III III IV V
INSTRUMENT (XT-12) ETX-125 50 x 800 mm RR 10x50 EYE
POWER 38 60 121 150 250 375 10 47 73 153 316 475
OBJECT
OBS. PROGRAM OCOC LOC. RMCO RANCH HOME
DV=3 stars by to gres you 15 more + made here on F. Coal freld! Tr= I 3p

-

Object ID: <u>NGC 6416</u>	
Const.:	Observer B 40 M
RA: Dec.:	Date 5/29/4
Mag: Size:	Time 1:00
	Location ADAMS ALLEY
	Seeing Transparency T
	Instrument $XT-12$
	Size
100 mg	Eyepiece 42
	Field of viewPower_36
W V	
4,10	
• Can this cluster be easily distinguished from	om the hackground stars?
	Bees' around bright star + orthyers
	· · · · · · · · · · · · · · · · · · ·
How many stars can you count in the clus	ter?   8   10 n →
<ul> <li>Are the stars more concentrated in any on</li> </ul>	ne particular area? Arand bightstor
• Is this cluster resolved fully or is there son	ne background nebulosity noticed?
Is there any particular area where you not	
·	
•	olved in this cluster? If so, do they show any colors? Tes, & Lo
<ul> <li>Are there any other deep-sky objects in th</li> </ul>	e same field of view? If so, what? Wo , m 6 near by
Description	IJp
(1999 Cole & Pruit)	

DATE 6/18/CTIME 11/Dested CLA	ARITY(1) III IV V SEEINGI) III IV V
INSTRUMENT T-12 ETX-125	50 x 800 mm RR 10x50 EYE
	10 47 73 153 316 475
овјест <u>Сс347</u>	FILTER (O) NB WB OIII
OBS. PROGRAM OCOC	LOC. RMCO RANCH HOME
	New .
	to M. Sane in res'd hire
abo Tr= II3p	

Object ID:	10 4665	
Const.:		Observer Bi Yom
RA:	Dec.:	Date
Mag:	Size:	Time 12:00
		Location MCC
		Seeing Transparency T
		Instrument XT-12
		Size \\2
	***	Eyepiece 42
		Field of view Power
• Can this ch	uctor he easily dictinguisl	had from the healteneound store?
		hed from the background stars?
• What is the	e overall shape of the obj	ect? Hye on
• How many	stars can you count in th	ne cluster? ~ 100
• Are the star	rs more concentrated in a	any one particular area? $\mathcal{N}_{\mathcal{O}}$
• Is this clust	ter resolved fully or is the	ere some background nebulosity noticed?
•		ou notice an absence of stars in this cluster? 🏿 🗸 🐧
	•	
		ars involved in this cluster? If so, do they show any colors? $\mathcal{N}_{\circ}$
• Are there a	ny other deep-sky object	is in the same field of view? If so, what? $\mathcal{N}_{b}$
Description	-	Tr= #1 r
(1999 Cole & Pratt)	•	

DATE 4 TIME 11 MOCST OT CLARITY OF HI IV V SEEING OF HI IV V
INSTRUMENT (T-12) ETX-125 50 x 800 mm RR 10x50 EYE
POWER 38 60 121 150 250 375 10 47 73 153 316 475
OBJECT M) FILTER NO NB WB OIII
OBS. PROGRAM OCOC LOC. RMCO RANCH HOME
$T_c = III 2r$
No words could describe!

ţ

DATE 6/19/6 TIME 12/0 CST OF CLA	ARITYÛII III IV V SEEINGÛI III IV V
INSTRUMENT XT-12 ETX-125	50 x 800 mm RR 10x50 EYE
POWER (38) 60 121 150 250 375	10 47 73 153 316 475
OBJECT	
OBS. PROGRAM OCOC	LOC. RMCC RANCH HOME
M resolved tylow man	nondurer field
Tr= I20	

DATE 6/19/6 TIME 12:00 CST CDD CLARITY I III IV V SEEING I III IV V
INSTRUMENT (XT-12) ETX-125 50 x 800 mm RR 10x50 EYE
POWER (38) 60 121 150 250 375 10 47 73 153 316 475
OBJECT Me 6530 (6523) FILTER (10) NB WB OIII
OBS. PROGRAM OCO LOC RMC9 RANCH HOME
30sms + (of conse) rebulousing! Tr=II1p

Const.:  RA: Dec.:  Mag: Size:	Observer B 40ml  Date 9/19/6  Time 12130 COT
	• • • • • • • • • • • • • • • • • • • •
flag: Size:	Time 12130 COT
	Location WWC4
	Seeing Transparency
	Instrument XT-12
	Size 2
	Eyepiece 42
	Field of view Power
Can this cluster be easily distinguished from	om the background stars? $\mathcal{O}_{\mathcal{U}}$
What is the overall shape of the object?	
	•
How many stars can you count in the clus	
Are the stars more concentrated in any on	ne particular area? No
Is this cluster resolved fully or is there some	ne background nebulosity noticed?
Is there any particular area where you not	tice an absence of stars in this cluster? $\mathcal{N}_{\phi}$
Are there any particularly bright stars inv	volved in this cluster? If so, do they show any colors? 🙏
Are there any other deep-sky objects in th	te same field of view? If so, what? $N_o$
escription Tr = III Zn	<b>^</b>

Object ID:	1/32	***************************************
Const.:		Observer B Yam-
RA:	Dec.:	Date 9/18/6
Mag:	Size:	Time 1100 COT
		Location WWGA
		Seeing Transparency
		Instrument X + 12
		Size 2
	Artin.	Eyepiece 42
		Field of view Power
	•	
a Can this alm	ratar ha appiler distinguis!	hed from the background stars?
		4
<ul> <li>What is the</li> </ul>	overall shape of the obj	ect? Rond
• How many	stars can you count in th	he cluster? 4 domot
Are the star	rs more concentrated in :	any one particular area? No
Is this cluster	er resolved fully or is the	ere some background nebulosity noticed?
	,	
		you notice an absence of stars in this cluster? No
		ars involved in this cluster? If so, do they show any colors?
Are there as	ny other deep-sky object	ts in the same field of view? If so, what? $Ml6$
	•	•
Description	Tr= II20	η
(1999 Cole & Pratt)	•	

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Ococ

Observer	Observer By A. Dec.: Date 5/28/L  lag: Size: Time 12/30  Location RMCe  Seeing Transparency T  Instrument X+12  Size 12  Eyepiece 42  Field of view Power 36  Can this cluster be easily distinguished from the background stars?  What is the overall shape of the object? Lees free  How many stars can you count in the cluster? 4 m dmy, 20 smoothy.  Are the stars more concentrated in any one particular area? New 6, 53m  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster? No  Are there any particularly bright stars involved in this cluster? If so, do they show any colors?		
As: Dec.: Date	A:	bject ID: NFC 6604	
Location	Location	onst.:	Observer B 70m
Location	Location	A: Dec.:	Date 5/28/1
Seeing Transparency To Instrument	Seeing T Transparency T Instrument	iag: Size:	Time 12130
Instrument	Instrument		Location RMCe
Instrument	Instrument		Seeing Transparency T
Eyepiece	Eyepiece		
Can this cluster be easily distinguished from the background stars?  What is the overall shape of the object? bees ween  How many stars can you count in the cluster? 4, n. shap, 20 shap.  Are the stars more concentrated in any one particular area? New 6n 5thm  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster? No  Are there any particularly bright stars involved in this cluster? If so, do they show any colors?	Field of view		Size12
Can this cluster be easily distinguished from the background stars?  What is the overall shape of the object? bees ween  How many stars can you count in the cluster? 4 in shap, 20 smally.  Are the stars more concentrated in any one particular area? New 6n 5tm  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster? No  Are there any particularly bright stars involved in this cluster? If so, do they show any colors?	Can this cluster be easily distinguished from the background stars?  What is the overall shape of the object? bees / reen  How many stars can you count in the cluster? 4 in dump, 20 secondary.  Are the stars more concentrated in any one particular area? New 6n 5tm  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster? No  Are there any particularly bright stars involved in this cluster? If so, do they show any colors?  Are there any other deep-sky objects in the same field of view? If so, what? No  escription Seen, to be a dim "Inc" of 10-11m to wow.	N. A.	Eyepiece 42
What is the overall shape of the object? bees ween  How many stars can you count in the cluster? 4 in shap, 20 smally,  Are the stars more concentrated in any one particular area? New 6n 5th  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster? No  Are there any particularly bright stars involved in this cluster? If so, do they show any colors?	What is the overall shape of the object? bees / reen  How many stars can you count in the cluster? 4 in dump, 20 secondly.  Are the stars more concentrated in any one particular area? New 6n 5tm  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster? No  Are there any particularly bright stars involved in this cluster? If so, do they show any colors?  Are there any other deep-sky objects in the same field of view? If so, what? No  escription Seem to be a dom "Ine" of 10-11m - to NNN.	<b>《沙</b> 斯语》	Field of view Power 36
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OBJECT
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Tr= I2p

DATE 6 2 3 CST CDT CLARITY I THE IV V SEEING WHITE IV V
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#### Copy For PNOC!

#### GALAXY GROUP AND CLUSTER OBSERVATIONS

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The AV scale for averted vision is used to classify the difficulty of observation. This 1-5 scale is further explained on pages 137-138.

3115 Am

Object ID: <u>Cenk</u>	12	
Const.:		Observer <u>B 40000</u> Date 9/19/6
RA: I		Date 9/19/6 Time 1:25 cor
Mag: S	ize:	
		Location Christ
		Seeing Transparency T
		Size 12
	F F	Eyepiece 12
	. /	Field of view Power
Can this cluster be	easily distinguished fro	om the background stars? No
• What is the overall	shape of the object?	Jone.
How many stars can	you count in the clust	ter? ) <
	concentrated in any on	
	_	
		ne background nebulosity noticed?
Is there any particu	lar area where you not	tice an absence of stars in this cluster?
• Are there any partie	cularly bright stars inv	olved in this cluster? If so, do they show any colors?
• Are there any other	deep-sky objects in th	e same field of view? If so, what?
Description	TraI	$V_{2p}$
(1999 Cole & Pratt)	-	

Object ID: NGC 6791	<del></del>
Const.:	Observer D. 12nL
RA: Dec.:	$\sim 1.1$
Mag: Size:	Time 1:35 CDT
	Location RMCC
	Seeing II Transparency I-
	Instrument XT12
<b>.</b>	Size 2
* •	Eyepiece <u>40</u>
	Field of view Power
	· · · · · · · · · · · · · · · · · · ·
. Con this about a be scalled distinguish	hed from the background stars? Normally (Handle see
	,
What is the overall shape of the obj	ect? Sels
How many stars can you count in the	he cluster? 🐰
Are the stars more concentrated in	any one particular area? Sees
	ere some background nebulosity noticed?
	you notice an absence of stars in this cluster? $\mathcal{N}_{\mathfrak{d}}$
Are there any particularly bright st	tars involved in this cluster? If so, do they show any colors? Y
Are there any other deep-sky object	ts in the same field of view? If so, what? No
Description T= I3	<del>\</del>
(1999 Cole & Pratt)	

Object ID:	voc 6791	
Const.:		Observer B Your
RA:	Dec.:	Date 9/19/L
Mag:	Size:	Time 1:00 cor
		Location RANCH
		Seeing Transparency
		Instrument XT12
	•	Size 2
		Eyepiece 42
	•	Field of view Power
• Can this ch	uster be easily dis	stinguished from the background stars? Yes
		f the object? $O$
		unt in the cluster? 13+ for 2
• Are the star	rs more concentr	rated in any one particular area? No
• Is this clust	ter resolved fully	or is there some background pebulosity noticed?
• Is there any	y particular area	where you notice an absence of stars in this cluster?
		oright stars involved in this cluster? If so, do they show any colors? $\cup_{n}$
		by objects in the same field of view? If so, what? $No$
- Are there a	my omer deep-su	A anierro in the sume mem at Arem: 17 20° augit ( 🗥 🗘
Description		Tr= II2m

Object ID: _	Nte 6793	
Const.:	VV	Observer B You
RA:	Dec.:	Date
Mag:	Size:	Time 11135 COV
		Location CMCC
		Seeing T- Transparency L-
		Instrument XT12
		Size 12
		Eyepiece <u>40</u>
1		Field of view Power
• Can this	cluster be easily distinguisl	hed from the background stars?
		. /
	he overall shape of the obj	• 1
How man	y stars can you count in th	ne cluster? 22
Are the st	tars more concentrated in a	any one particular area?
Is this clu	ster resolved fully or is the	ere some background nebulosity noticed?
	$\sim$	rou notice an absence of stars in this cluster?
as enter a	ny paruculai area where y	ars involved in this cluster? If so, do they show any colors?
Are there	any particularly bright sta	ars involved in this cluster? If so, do they show any colors?
• Are there	any other deep-sky object	s in the same field of view? If so, what?
		T Cose
Description _	Tr= 112p	
	Y	
	·····	

Pate	Object ID: NFC 6793	_
Location   Report	Const.:	
Seeing Transparency   Instrument X - 12	RA: Dec.:	
Sceing	Mag: Size:	Time 115 Cor
Instrument		Location Renew
Size		Seeing I Transparency I
Eyepiece		Instrument XT-12
• Can this cluster be easily distinguished from the background stars? Ye • What is the overall shape of the object? • How many stars can you count in the cluster? Ye • Are the stars more concentrated in any one particular area? No • Is this cluster resolved fully or is there some background nebulosity noticed? • Is there any particular area where you notice an absence of stars in this cluster? where Are there any particularly bright stars involved in this cluster? If so, do they show any colors? • Are there any other deep-sky objects in the same field of view? If so, what? No  Description		Size 12
• Can this cluster be easily distinguished from the background stars? Ye • What is the overall shape of the object? • How many stars can you count in the cluster? Y • Are the stars more concentrated in any one particular area? No • Is this cluster resolved fully or is there some background hebulosity noticed? • Is there any particular area where you notice an absence of stars in this cluster? When • Are there any particularly bright stars involved in this cluster? If so, do they show any colors? • Are there any other deep-sky objects in the same field of view? If so, what? No  Description		
• Can this cluster be easily distinguished from the background stars? Ye • What is the overall shape of the object? • How many stars can you count in the cluster? Y • Are the stars more concentrated in any one particular area? No • Is this cluster resolved fully or is there some background hebulosity noticed? • Is there any particular area where you notice an absence of stars in this cluster? When • Are there any particularly bright stars involved in this cluster? If so, do they show any colors? • Are there any other deep-sky objects in the same field of view? If so, what? No  Description		Field of view Power
<ul> <li>Are there any particularly bright stars involved in this cluster? If so, do they show any colors?</li> <li>Are there any other deep-sky objects in the same field of view? If so, what? No</li> </ul> Description	<ul> <li>How many stars can you count in the clu</li> <li>Are the stars more concentrated in any of</li> </ul>	one particular area? No
• Are there any other deep-sky objects in the same field of view? If so, what? No  Description	Is there any particular area where you n	notice an absence of stars in this cluster?
• Are there any other deep-sky objects in the same field of view? If so, what? No  Description	•	
	Description T = I	1-p
		·

m the background stars? No  er? M  e particular area? No  e background nebulosity noticed?  ice an absence of stars in this cluster? No  olived in this cluster? If so, do they show any colors?	
er? Me particular area? No background nebulosity noticed?	•
er? Me particular area? No background nebulosity noticed?	
er? M e particular area? No	
iont er? 14	-
non	•
	•
	•
	•
rieid of view Power	
Eyepiece 42	•
Size 12	•
Instrument XT2	-
Seeing Transparency T	•
	•
	-
	Instrument XT12

	#1= NO CUSMAG	Object type: Open Cluster
Object ID:	#Z= NGC 6800	
Const.: Vul	#3= NO USON	-(02000)Observer_B 40M
	Dec.:	Date 7/23/6
Mag:	Size:	Time (2 to 5 co 7
	C.	Location RMCC
		Seeing <u>T</u> Transparency <u>T</u>
	•	Instrument XT12
		Size 12
		Eyepiece 40
		Field of view Power
	## 	
	vio (	The state of the s
• Can this	₹3. 2<-30 * cluster be easily distingu	ished from the background stars? 3
		bject? #1 bee, #2 onl #3 shortere
• How man	ıy stars can you count in	the cluster? 7, 30, 10
	•	n any one particular area? See hay
		3 here some background nebulosity noticed?
• Is there a	ny particular area where	you notice an absence of stars in this cluster?
• Are there	any particularly bright	stars involved in this cluster? If so, do they show any colors?
• Are there	any other deep-sky obje	cts in the same field of view? If so, what?
	(6800)	orlar
Description_	7/= #2p	orke

Object ID: Beck 47	i
Const.:	Observer Byant
RA: Dec.:	
Mag: Size:	Time 125 cot
	Location Nanch
	Seeing Transparency
	Instrument X772
	Size 12
	Eyepiece 42
	Field of view PowerPower
<ul> <li>What is the overall shape of the ol</li> <li>How many stars can you count in</li> </ul>	
Are the stars more concentrated in	n any one particular area? $N_o$
<ul> <li>Is this cluster resolved fully or is the</li> </ul>	here some background nebulosity noticed?
Is there any particular area where	e you notice an absence of stars in this cluster? // >>> ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
<ul> <li>Are there any particularly bright:</li> </ul>	stars involved in this cluster? If so, do they show any colors?
• Are there any other deep-sky obje	ects in the same field of view? If so, what?
Description 9:23	massice - bolide to Mil (aforer break)
<u> </u>	r = IV2p

Object ID: Nb-C 6811	
Const.: Cyg	Observer B Your
RA: Dec.:	Date 1/2/L
Mag: Size:	Time 11:45 COT
	Location RMCL
	Seeing Transparency T-
	Instrument XT12
	Size 12
	Eyepiece 40
	Field of view Power
,	
Can this cluster be easily distinguished from	n the background stars?
• What is the overall shape of the object?	
How many stars can you count in the cluste	r? 50
Are the stars more concentrated in any one	particular area? No
• Is this cluster resolved fully or is there some	background nebulosity noticed?
Is there any particular area where you notice	ee an absence of stars in this cluster? "hole" in middle
•	lved in this cluster? If so, do they show any colors?
• Are there any other deep-sky objects in the	same field of view? If so, what? Cool gray really
Description Tr= III 1 m	
(1999 Cole & Pratt)	

Object ID:	Cr 401				, .		
Const.:			Observer_	BYC	m-		
RA:	Dec.:		Date	9/12/1			
Mag:	Size:				COT		·
_			Location_	RN	100		
			Seeing	<u> </u>	[ransparency		***
	•	. \	Instrument	<u> </u>	T-12		
	•	· \			12		erin erin andere
	•		Eyepiece _	42		· · · · · · · · · · · · · · · · · · ·	
					Power_		
\	•		4				
• What is the	overall shape o	stinguished from the object? 5}	~	und stars? No	Λ,	•	ω/4~~ =375
Are the stars	s more concent	rated in any one					Note how steri
Is this cluste	r resolved fully	or is there some		∕o nebulosity :	oticed?		Sycas
	· .	where you noti		b			
_	-			<i>i</i> o			
• Are there an	y particularly	bright stars invo	die die die chie chie	uster? If so	, do they sho	w any co	olors?
• Are there an	y other deep-sl	xy objects in the		_	, what?		
	, ,	^ !:	•	ro .	,		(
Description	Look	@ Ynn!	What	~ Stead	ly mgh	A! (	<u>375x)</u>
			- 2				
		Tr=3		·			•

	NFCAIS	<del></del>
Const.:	VU	Observer B YOM
RA:	Dec.:	Date 9/23/4
Mag:		Time 11:30 COT
	TW	Location PMCc
		Seeing Transparency T
	•	Instrument XT12
	•	Size 2
	مُنْ الْمُعَالِينَ الْمُعَالِينَ الْمُعَالِينَ الْمُعَالِينَ الْمُعَالِينَ الْمُعَالِينَ الْمُعَالِينَ الْمُعَا	Eyepiece 42
		Field of view Power
	•	
• Can this clu	ster be easily distinguish	ned from the background stars?
• What is the	overall shape of the obje	ect? Thren
	stars can you count in th	/
	•	
		any one particular area? withed by in close (
<ul> <li>Is this cluste</li> </ul>	er resolved fully or is the	re some background nebulosity noticed?
• Is there any	particular area where y	ou notice an absence of stars in this cluster? Under charge (
		ars involved in this cluster? If so, do they show any colors? $\sqrt{\sim}g$
	ny particularly bright sta	
• Are there an		s in the same field of view? If so, what? $N_0$
<ul><li>Are there an</li><li>Are there an</li></ul>	ny other deep-sky object	
<ul><li>Are there an</li><li>Are there an</li></ul>	ny other deep-sky object	s in the same field of view? If so, what? $N_0$
Are there an     Are there an  Description	ny other deep-sky object	s in the same field of view? If so, what? No

Object ID: NFC 6919	<del></del>
Const.:	Observer B your
RA: Dec.:	Date9/24/6
Mag: Size:	Time 12:44 COT
	Location CMCC
	Seeing Transparency T-
	Instrument XT12
	Size 12
**	Eyepiece 42
	Field of view Power
/	
<ul> <li>Can this cluster be easily distinguished</li> <li>What is the overall shape of the object</li> <li>How many stars can you count in the c</li> <li>Are the stars more concentrated in any</li> <li>Is this cluster resolved fully or is there</li> <li>Is there any particular area where you</li> </ul>	? Comma cluster? Yo y one particular area? No
•	involved in this cluster? If so, do they show any colors? $\mathcal{N}_{0}$
	the same field of view? If so, what? $N_0$
Description T = T	1m

Object ID: H20 (Harvard 20)	
Const.:	Observer 0 Your
RA: Dec.:	Date 7/23/6
Mag: Size:	Time
	Location Mce
	Seeing
	Instrument XT12
in the state of th	Size 12
	Eyepiece 40
	Field of view Power 37
m	
Can this cluster be easily distinguished from	the beckmound store?
<ul> <li>What is the overall shape of the object?</li> </ul>	lectoryk
How many stars can you count in the cluster	æ 16
Are the stars more concentrated in any one	particular area? No
Is this cluster resolved fully or is there some	Dackground nebulosity noticed?
	<b>,</b>
<ul> <li>Is there any particular area where you notice</li> </ul>	
<ul> <li>Are there any particularly bright stars invol</li> </ul>	ved in this cluster? If so, do they show any colors?
<ul> <li>Are there any other deep-sky objects in the s</li> </ul>	same field of view? If so, what?
Description 1 = 1 I p	
(1999 Cole & Prait)	

eject ID: NFC 69	· •
onst.:	Observer B Yound
A: Dec.:	
[ag: Size:	· · · · · · · · · · · · · · · · · · ·
	Location CANUT
	Seeing Transparency T
	Instrument VT12
	Size 12
	Eyepiece 42
	Field of viewPower
\ .	
Is this cluster resolved fully or	ed in any one particular area?
Is there any particular area wi	here you notice an absence of stars in this cluster? $ \mathcal{N}_{\scriptscriptstyle \mathcal{O}} $
Are there any particularly brig	ght stars involved in this cluster? If so, do they show any colors? 🏸
Are there any other deep-sky	objects in the same field of view? If so, what? B. 2
Description	Tr=II2p
999 Cole & Pratt)	-

RA:	Dec.:	Time 3	B YOUNT 9/19/6 10 Opt	
		Time 3	10 CPT	
Mag:	Size:	Location		
			Conce	
		Seeing T		
			Transparency_	
		Instrument	XT12	
•		Size	12	· · · · · · · · · · · · · · · · · · ·
		Eyepiece	42_	
		Field of view	Power_	<u> </u>
What is the o	verall shape of the objects can you count in t	<u> </u>	Dees	
Is there any p	particular area where	you notice an absence of sta	rs in this cluster?	J <sub>o</sub>
Are there any	particularly bright s	tars involved in this cluster?	If so, do they show	any colors?
Are there any	other deep-sky objec	is in the same field of view?	If so, what? 68	ス
		HT 2		
escription	7-	TK 26		
escription		1V. J.		

Object ID:	GC 6885		•
Const.:	VJI	Observer B Yout	
	Dec.:	/ /	MATERIAL STATE OF THE STATE OF
Mag:	Size:	Time 11148 COT	<u>.</u>
		Location CMCC	
		Seeing I Transparency I-	
		Instrument XT12	
		Size 2	dera-
		Eyepiece 42	
		Field of view Power	
	•		<b></b>
			_
• Can this clust	ter be easily distinguis	hed from the background stars?	
• What is the o	verall shape of the obj	ject? Bees	
How many str	ars can you count in ti	he cluster?	
a Arathastare	more concentrated in	any one particular area? New 20 cy	
		MMERE 1	•
• Is this cluster	resolved fully or is the	ere some background nebulosity noticed?	
• Is there any p	oarticular area where y	you notice an absence of stars in this cluster? $N_0$	
• Are there any	particularly bright st	tars involved in this cluster? If so, do they show any colors?	Yes, 20=
		ts in the same field of view? If so, what? $N_o$	bhe 1920mg
Are mere any	other deep-say solet	is in the same mad of view. In so, what No	1920mg
Description	No	C-416	, , ,
			****
		= 3~	<del></del>
(1999 Cole & Pratt)			<del></del>

Object ID:	1c 4996	
Const.:		Observer 6 Your
RA:	Dec.:	Date
Mag:	Size:	Time 3115 COT
		Location RADUA
		Seeing Transparency T
		Instrument KT12
	•	Size 12
		Eyepiece 42
	•	Field of view Power
	e	•
• Can this cl	luster he easily distinor	uished from the background stars? No
• What is the	e overall shape of the o	ibject? bee.)
• How many	stars can you count in	the cluster?
• Are the sta	urs more concentrated i	in any one particular area? $v_{\mathcal{C}}$
Is this clust	ter resolved fully er is	there some background nebulosity noticed?
		e you notice an absence of stars in this cluster?
• Are there a	any particularly bright	stars involved in this cluster? If so, do they show any colors? 🎉
• Are there a	any other deep-sky obj	ects in the same field of view? If so, what? No
•	•	1
Description	now hope	e + bees Tr=IV3p
(1999 Cole & Pratt)	•	

Object ID:	Uen 5	water almost construction of the state of th		
Const.:		Observer_	B Your	
RA:	Dec.:	Date	9/19/6	
Mag:	Size:	Time	3:20 cas	
			Rosert	
		Seeing	Transparency_	工
		Instrument	XT12	
		Size	12	
6.		Eyepiece	1/2	
·	•		vPower	38
<b>\</b>				
	4		•	
• Are the stars :		i the cluster? 7 in any one particular area there some background in		
Is there any p	articular area wher	e you notice an absence o	of stars in this cluster?	J <sub>2</sub>
• Are there any	particularly bright	stars involved in this clu	ster? If so, do they show	any colors? 🍆
• Are there any	other deep-sky obj	ects in the same field of v	iew? If so, what? A no	32 1C 4990
Description		Tr= 1/30		
(1999 Cole & Pratt)	-			

Object ID:	Derh86			•
Const.:		Observer_	BYONT	
RA:	Dec.:	Date	9/19/6	<del></del>
Mag:	Size:	Time	3125 COT	-
		Lecation	Cover	<del></del>
		Seeing	Transparency	-
		Instrument	XT12	
			12	
		Eyepiece	42	-
\	•	Field of view	Power <u>38</u>	-
	•	/		-
				-
<ul><li>How many</li><li>Are the sta</li><li>Is this clust</li></ul>	ers more concentrated	in the cluster? Acres d in any one particular ares is there some background n		
Are there a	any particularly brig	ht stars involved in this clus	ster? If so, do they show any colors?	RA
		bjects in the same field of vi	· · · · · · · · · · · · · · · · · · ·	
Description		Tr= 121p		
		·	WENNING	
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Const.: Observer Brown  RA: Dec.: Date 9/19/6  Mag: Size: Time 3:30 cor  Location RANGE  Seeing I Transparent  Instrument X7/2  Size 12  Eyepiece Y2  Field of view Power  What is the overall shape of the object?  How many stars can you count in the cluster? 9  Are the stars more concentrated in any one particular area? No  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she  Are there any other deep-sky objects in the same field of view? If so, what? No  Description	•
Mag:	
Mag:	
Location Rhout  Secing I Transparent Instrument XT12  Size 12  Eyepiece Y2  Field of view Power  What is the overall shape of the object?  How many stars can you count in the cluster? 9  Are the stars more concentrated in any one particular area? No  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she have there any other deep-sky objects in the same field of view? If so, what?  Description The Instrument	
Instrument	**************************************
Instrument	y
Eyepiece	·
Can this cluster be easily distinguished from the background stars? Ow  What is the overall shape of the object?  How many stars can you count in the cluster?  Are the stars more concentrated in any one particular area?  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she  Are there any other deep-sky objects in the same field of view? If so, what?  Description  The Lagrange Power  P	
Can this cluster be easily distinguished from the background stars? Ok  What is the overall shape of the object?  How many stars can you count in the cluster?  Are the stars more concentrated in any one particular area?  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she  Are there any other deep-sky objects in the same field of view? If so, what?  Description  The Lagrange of the objects of the background stars? Ok  Obscription	
<ul> <li>What is the overall shape of the object?</li> <li>How many stars can you count in the cluster?</li> <li>Are the stars more concentrated in any one particular area?</li> <li>Is this cluster resolved fully or is there some background nebulosity noticed?</li> <li>Is there any particular area where you notice an absence of stars in this cluster?</li> <li>Are there any particularly bright stars involved in this cluster? If so, do they she</li> <li>Are there any other deep-sky objects in the same field of view? If so, what?</li> </ul>	33
What is the overall shape of the object?  How many stars can you count in the cluster?  Are the stars more concentrated in any one particular area?  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she have there any other deep-sky objects in the same field of view? If so, what?  Description  The stars more concentrated in any one particular area?  No  Stars in this cluster?  Description	
What is the overall shape of the object?  How many stars can you count in the cluster?  Are the stars more concentrated in any one particular area?  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she have there any other deep-sky objects in the same field of view? If so, what?  Description  The stars more concentrated in any one particular area?  No  Stars in this cluster?  Description	
What is the overall shape of the object?  How many stars can you count in the cluster?  Are the stars more concentrated in any one particular area?  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she have there any other deep-sky objects in the same field of view? If so, what?  Description  The stars more concentrated in any one particular area?  No  Stars in this cluster?  Description	
What is the overall shape of the object?  How many stars can you count in the cluster?  Are the stars more concentrated in any one particular area?  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she have there any other deep-sky objects in the same field of view? If so, what?  Description  The stars more concentrated in any one particular area?  No  Stars in this cluster?  Description	
How many stars can you count in the cluster? 9  Are the stars more concentrated in any one particular area? No  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she have there any other deep-sky objects in the same field of view? If so, what?  Description	
Are the stars more concentrated in any one particular area?  Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she have there any other deep-sky objects in the same field of view? If so, what?  Description	
Is this cluster resolved fully or is there some background nebulosity noticed?  Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she have there any other deep-sky objects in the same field of view? If so, what?  Description	•
Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she have there any other deep-sky objects in the same field of view? If so, what?  Description	
Is there any particular area where you notice an absence of stars in this cluster?  Are there any particularly bright stars involved in this cluster? If so, do they she have there any other deep-sky objects in the same field of view? If so, what?  Description	
Are there any particularly bright stars involved in this cluster? If so, do they show Are there any other deep-sky objects in the same field of view? If so, what?  Description	N
Are there any other deep-sky objects in the same field of view? If so, what?  Description	
Description	w any colors? M
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	Dolidze 9	•
Const.:	Cyz	Observer B Yount
	Dec.:	. ,
Mag:	Size:	Time 10:00 CW
		Location RMCc
		Seeing Transparency T
		Instrument XT12
	•	Size 12
	•	Eyepiece 42
	•	Field of viewPower
		/
Can this ch	uster be easily distinguis	thed from the background stars?
	e overall shape of the obj	Jumm view
		•
How many	stars can you count in the	he cluster?
Are the star	rs more concentrated in	any one particular area? In the
Is this clust	er resolved fully or is the	ere some background nebulosity noticed?
Is there any	y particular area where y	you notice an absence of stars in this cluster? $\sim_2$
		tars involved in this cluster? If so, do they show any colors? $N_2$
Are there a	ny other deep-sky object	ts in the same field of view? If so, what? C-421 to W
Description	Tr= T20	
i999 Cole & Pratt)		

Object ID: NGC 69	0
Const.:	Observer B YOUM-
RA: Dec.:	Date 11/22/6
Mag: Size:	Time 8105 CST
	Location MCC
	Seeing Transparency T
	Instrument XT-12
	Y Cyr Size 12
	Eyepiece 42
	Field of view Power
• Can this cluster be easily distin	nguished from the background stars?
What is the overall shape of the	e object?
	• •
How many stars can you count	1,4
Are the stars more concentrate	ed in any one particular area? / N LM
• Is this cluster resolved fully or	is there some background nebulosity noticed?
<ul> <li>Is there any particular area wl</li> </ul>	nere you notice an absence of stars in this cluster? \( \int_{\text{R}} \)
	ght stars involved in this cluster? If so, do they show any colors? 📈
	objects in the same field of view? If so, what? $\mathcal{N}_{\gamma}$
Description T7	
The state of the s	

Object ID: CY21	· ·
Const.: Cyn	Observer B Young
RA: Dec.:	
Mag: Size:	Time 9150
crypt	Location MCC
	Seeing II- Transparency I
	Instrument XT)2
	Size /2
· 2.	Eyepiece 42
	Field of view Power
D09	
Can this cluster be easily distinguish	ned from the background stars?
What is the overall shape of the objection.	<i>(C)</i>
How many stars can you count in th	
• Are the stars more concentrated in a	any one particular area? 'Glod' on Work
• Is this cluster resolved fully or is the	re some background nebulosity noticed?
Is there any particular area where years.	ou notice an absence of stars in this cluster?
	ars involved in this cluster? If so, do they show any colors? $N_{\lambda}$
Are there any other deep-sky objects	s in the same field of view? If so, what? $Q_0$
Description $T = \frac{1}{3} p$	
(1999 Cole & Pratt)	

Object ID:	10mm - not for ococ Observer 3 your
Const.: Cy	Observer 3 Your
RA:Dec.:	Date1/23/6
Mag: Size:	Time 9:55
	Location Mr Ce
	Seeing I Transparency I
	Instrument XT12
	Size 12
	Eyepiece O
	Field of view Power S
	vice scatter  r? ~35  particular area? No  background nebulosity noticed?
Description	

Object ID: Berk 90	
Const.:	Observer B Yound
RA: Dec.:	Date 11/23/6
Mag: Size:	Time 10(10 CST
	Location MCC
	Seeing II Transparency II
	Instrument XM?
	Size \2
••	Eyepiece 42
	Field of view Power 3 6
	. 10mm
Can this cluster be easily distinguished from	· · · · · ·
What is the overall shape of the object?	•
·	
How many stars can you count in the cluste	r? Y
• Are the stars more concentrated in any one	particular area? Apond 8 m
• Is this cluster resolved fully or is there some	background nebulosity noticed?
Is there any particular area where you notice	te an absence of stars in this cluster? $N_2$
	lved in this cluster? If so, do they show any colors? No
• Are there any other deep-sky objects in the	same field of view? If so, what? $N_0$
Description Fant @ 42 mm	Tr= I3p

bject ID:	French 1	
onst.:	Del	Observer B Yount
A:	Dec.:	Date 9/23/6
ag:	Size:	Time 1150 COT
		Location RMCC
		Seeing Transparency T-
	\	Instrument XT12
	1	Size 12
		Eyepiece 42
	*	Field of viewPower
How many sta	verall shape of the object?  Ars can you count in the clus	ster? ) 9
		ne particular area? conte
		ne background nebulosity noticed?
Is there any pa	articular area where you no	tice an absence of stars in this cluster? when "
Are there any	particularly bright stars inv	volved in this cluster? If so, do they show any colors?
Are there any	other deep-sky objects in th	ne same field of view? If so, what? Nee 7016
scription	Mice suprise!	Tr= # 2p
	*	

Object ID:	<u> </u>	
Const.:		Observer B YOUNG
	Dec.:	Date 11/22/6
Mag:	Size:	Time
		Location RMCC
		Seeing Transparency T-
	<b>\</b>	Instrument X + 12
	•••	Size 12
La testin	ad.	Eyepiece 42
<b>\</b>	<b>, ₩,</b>	Field of view Power
	,	
• Can this cluster be	e easily distinguished from	the background stars? Yes by dim
	ll shape of the object?	
•		
	an you count in the cluster	
	e concentrated in any one	
• Is this cluster reso	lved fully or is there some	background nebulosity noticed?
• Is there any partic	cular area where you notic	te an absence of stars in this cluster? $N_{\circ}$
	·	ved in this cluster? If so, do they show any colors? 📈 🤈
_	•	
Are there any other	er deep-sky objects in the s	same field of view? If so, what? No
Description V	vontublia 10.	nn 42mm Tr= III 1p

Object ID: Berds	
Const.: Cya	Observer 3 7 omb
RA:Dec.:	Date 7/8/7
Mag: Size:	Time   2:00
	Location MCe
	Seeing II Transparency II
	Instrument XT-12
	Size
	Eyepiece 42
	Field of view Power
<ul> <li>Can this cluster be easily distinguished fi</li> <li>What is the overall shape of the object?</li> <li>How many stars can you count in the clu</li> </ul>	None
Are the stars more concentrated in any or	ne particular-area?
Is this cluster resolved fully or is there so	
	otice an absence of stars in this cluster?
Are there any particularly bright stars in	volved in this cluster? If so, do they show any colors? 🦰
• Are there any other deep-sky objects in the	he same field of view? If so, what? Nore
Description	-= III 1p
(1999 Cole & Prait)	

Object ID:	
Const.:	Observer 6 7016
RA: Dec.:	Date
Mag: Size:	
	Location (MCC
	Seeing Transparency T
	Instrument XT)2
	Size 2
	Eyepiece 42
	Field of view Power
a Camabia da A Nova II de La	· · · · · · · · · · · · · · · · · · ·
Can this cluster be easily distinguish	ned from the background stars?
• What is the overall shape of the obje	ect?
• How many stars can you count in the	e cluster? 20
Are the stars more concentrated in a	my one particular area? No
	•
$\overline{}$	re some background nebulosity noticed?
• Is there any particular area where yo	ou notice an absence of stars in this cluster? $N_{ m O}$
• Are there any particularly bright sta	rs involved in this cluster? If so, do they show any colors? No
<ul> <li>Are there any other deen-sky objects</li> </ul>	in the same field of view? If so, what?
and only only doop only objects	in the same field of view: If so, what: \\0
Description TC = II 2 o	
(1999 Cole & Pratt)	

Const.:		
RA:	Dec.:	
fag:	Size:	
·		Location Rancy
		Seeing Transparency
		Instrument XT12
		Size 12
*		Eyepiece 12
		Field of view Power
	e overall shape of the obje	ned from the background stars? fills frely
What is the	e overall shape of the obje	e cluster? > 200  may one particular area? No
What is the How many Are the sta	e overall shape of the obje stars can you count in the ers more concentrated in a	e cluster? > 200
What is the How many Are the sta	e overall shape of the obje stars can you count in the rs more concentrated in a ter resolved fully or is then	e cluster? > 200  my one particular area? No
What is the How many Are the sta Is this clust Is there any	e overall shape of the object stars can you count in the ars more concentrated in a ster resolved fully or is then you particular area where you	e cluster? > 200  may one particular area? No  re some background nebulosity noticed?
What is the How many Are the sta Is this clust Is there any Are there a	e overall shape of the object stars can you count in the ars more concentrated in a ter resolved fully or is then y particular area where young particularly bright stars.	e cluster? > 200  my one particular area? No  re some background nebulosity noticed?  ou notice an absence of stars in this cluster?  mrs involved in this cluster? If so, do they show any colors?
What is the How many Are the sta Is this clust Is there any Are there a	e overall shape of the object stars can you count in the ars more concentrated in a ter resolved fully or is then y particular area where young particularly bright stars.	e cluster? > 200  my one particular area? No  re some background nebulosity noticed?  ou notice an absence of stars in this cluster?  mrs involved in this cluster? If so, do they show any colors?
What is the How many Are the sta Is this clust Is there any Are there a	e overall shape of the objects stars can you count in the rs more concentrated in a ter resolved fully or is then y particular area where you ny particularly bright sta ny other deep-sky objects	e cluster? > 200  my one particular area? No  re some background nebulosity noticed?  ou notice an absence of stars in this cluster?  mrs involved in this cluster? If so, do they show any colors?  Yes  in the same field of view? If so, what?
What is the How many Are the sta Is this clust Is there any Are there a	e overall shape of the objects stars can you count in the rs more concentrated in a ter resolved fully or is then y particular area where you ny particularly bright sta ny other deep-sky objects	e cluster? > 200  my one particular area? No  re some background nebulosity noticed?  ou notice an absence of stars in this cluster?  mrs involved in this cluster? If so, do they show any colors?
What is the How many Are the sta Is this clust Is there any Are there a Are there a	e overall shape of the objects stars can you count in the rs more concentrated in a ter resolved fully or is then y particular area where you ny particularly bright sta ny other deep-sky objects	e cluster? > 200  my one particular area? No  re some background nebulosity noticed?  ou notice an absence of stars in this cluster?  mrs involved in this cluster? If so, do they show any colors?  Yes  in the same field of view? If so, what?

oject ID:	Cy		Observer	Byan	
	Dec.:			•	
	Size:			, ,	
<b>5</b> *	SEC.			lio co	
				rmce	
				<u> </u>	4.2
/		1		XT13	
	•			12	
			Eyepiece	<u>4</u> 9	
\			Field of view _	Pow	er <u>37</u>
What is the d	overall shape of tars can you cou	the object? (	er? 102\$		
What is the down many s  Are the stars	overall shape of tars can you cou	the object? continuity the cluster in the cluster the	elmys er? 10 & \$ s particular assa;	Chaps	
What is the down many s  Are the stars	overall shape of tars can you cou	the object? continuity the cluster in the cluster the	clongs er? 102\$	Chaps	
What is the down many sales the stars in this cluster	overall shape of tars can you coustars can you coustants more concentrate resolved (mily o	the object? on the clusted in any one or is there some	er? 10 & \$  particular area?  e background nebu	Cl	* Ross- 10
What is the down many sales the stars of this cluster stars of these any party of these and the sales of the	overall shape of tars can you coustants more concentral resolved (mily operational area y	the object? on the clusted in any one or is there some where you noti	er? 10 & \$  t particular area?  e background nebu	Charps desiry neticen? are in this cluster	
What is the class the stars in this cluster in there any pare there any	overall shape of tars can you con more concentral resolved finite oparticular area was particularly br	the object? ont in the clustonted in any one or is there some where you notingly stars invo	er? 10 & \$  a particular area?  a background nable  ice an absence of all  olived in this cluster	Chaps desity neticed? are in this cluster ? If so, do they s	kow any colors?
What is the class stars there any have there any have there any have there any	overall shape of tars can you con more concentral resolved fully oparticular area was particularly brown other deep-sky	the object? ( nt in the clusted in any one is there some where you notice ight stars invo-	er? 10 & \$  is particular area?  the buckground nebucke an absence of sincle of the cluster  is same field of view	Chaps iosity noticed? are in this cluster ? If so, do they s ? If so, what?	how any colors?
What is the chart share the stars is there any have the there are the the there are the the the the the the the the the th	overall shape of tars can you con more concentral resolved fully oparticular area was particularly brown other deep-sky	the object? ( nt in the clusted in any one is there some where you notice ight stars invo-	er? 10 & \$  is particular area?  the buckground nebucke an absence of sincle of the cluster  is same field of view	Chaps iosity noticed? are in this cluster ? If so, do they s ? If so, what?	how any colors?
What is the chart share the stars is there any have the there are the the there are the the the the the the the the the th	overall shape of tars can you con more concentral resolved fully oparticular area was particularly brown other deep-sky	the object? ( nt in the clusted in any one is there some where you notice ight stars invo-	er? 10 & \$  a particular area?  a background nable  ice an absence of all  olived in this cluster	Chaps iosity noticed? are in this cluster ? If so, do they s ? If so, what?	how any colors?



Object ID: NGC 7142	
Const.: Cag	Observer 170ml
RA: Dec.:	Date 7/8/7
Mag: Size:	Time (2:20
	Location MCC
	Seeing Transparency T-
	Instrument XT)2
	Size 12 Eyepiece 12
	Eyepiece 42
	Field of view Power
	V
Can this cluster be easily distinguished from	the background stars? (e)
• What is the overall shape of the object?	lung
• How many stars can you count in the cluste	r? Y
Are the stars more concentrated in any one	particular area? Amy
Is this cluster resolved fully or is there some	background nebulosity noticed?
Is there any particular area where you notice	ce an absence of stars in this cluster? $N_0$
Are there any particularly bright stars invo	lved in this cluster? If so, do they show any colors? 🦰
- Are there any other deep-sky objects in the	same need of view. It so, what. yes, elisted res
Description Tr= I	same field of view? If so, what? yes, where he to the same field of view? If so, what?

Object ID: N&C 7209	<u>-</u>
Const.:	Observer B YOUM
RA: Dec.:	Date 11/22/6
Mag: Size:	Time
	Location MCC
	Seeing Transparency T-
	Instrument XT12
	Size \\2
	Eyepiece 42
	Field of viewPower
Can this cluster be easily distinguished for	rom the background stars? Brely (so sch)
• What is the overall shape of the object?	Uni w/ext to W
• How many stars can you count in the clu	ster? > 100
• Are the stars more concentrated in any o	ne particular area? No
• Is this cluster resolved fully or is there(so	me background nebulosity noticed?
	otice an absence of stars in this cluster? $N_0$
Are there any particularly bright stars in	volved in this cluster? If so, do they show any colors? $N_{\delta}$
• Are there any other deep-sky objects in t	he same field of view? If so, what? No
Description Tr = IV 2 q	

Object ID: 161434	<del></del>
Const.: Cep	
RA: Dec.:	Date
Mag: Size:	Time   0:30 COT
	Location MCC
	Seeing I Transparency I
	Instrument YT-12
	Size 12
	Eyepiece 42
	Field of view Power
Can this cluster be easily distinguishe	d from the background stars?
What is the overall shape of the object	,
How many stars can you count in the	cluster? 12
• Are the stars more concentrated in an	y one particular area? №.
Is this cluster resolved fully or is there	e some background nebulosity noticed?
Is there any particular area where voi	u notice an absence of stars in this cluster? $\sim$
·-	s involved in this cluster? If so, do they show any colors? $\sim_b$
• Are there any other deep-sky objects	in the same field of view? If so, what? No
Description	
Description / =	II 7p
<b>Y</b>	

Obj	ject ID: N&C 7235	
Cor	1st.:	Observer B. Yout
RA	: Dec.:	Date 12/30/05
Ma	g: Size:	Time 7140 CST
	Zw	Location Mce
		Seeing 4 Transparency 4
<	N	Instrument XT17
	7	Size
		Eyepiece 46 mm
	\ · /	Field of view Power 37×
_		
•	Can this cluster be easily distinguished from	n the background stars? બુ.
	•	
	What is the overall shape of the object? (	
•	How many stars can you count in the cluste	r? <i>3</i> <
• .	Are the stars more concentrated in any one	particular area? "Had"
•	Is this cluster resolved fully or is there some	background nebulosity noticed?
•	Is there any particular area where you notic	re an absence of stars in this cluster? $N_{\star}$
	· ·	
•	Are there any particularly bright stars invol	lved in this cluster? If so, do they show any colors? No
• .	Are there any other deep-sky objects in the	same field of view? If so, what? No
Des	cription $T_r = II2\rho$	

bject ID: <u>NGC 7238</u>	
onst.:	Observer B Yound
\: Dec.:	
ag: Size:	Time 955 COT
	Location MCC
	Seeing Transparency T
	Instrument Xr_12
<i>'</i>	Size 12
	Eyepiece 47
	Field of view Power
X	
<u>'</u>	
What is the overall shape of the ob	V
How many stars can you count in t	the cluster? 10+plow
Are the stars more concentrated in	any one particular area? No
Is this cluster resolved fully or is th	ere some background nebulosity noticed?
Is there any particular area where	you notice an absence of stars in this cluster? $\sim_b$
•	tars involved in this cluster? If so, do they show any colors? $\gamma_e$
	\) ~
	cts in the same field of view? If so, what?  Mule of 7234 @ "x"
Percription T	= I2p
- Service - Francis - Fran	

Object ID:	Kng 9	<del></del>
Const.:	Сер	Observer B Yown
RA:	Dec.:	Date 9/23/4
Mag:	Size:	Time   0:20 COT
		Location 2MCC
		Seeing I Transparency I
		Instrument XT-12
	•	Size 12
· (*)	ĝ.	Eyepiece 42
	•	Field of view Power Power
7248		
	. (	
• Can this cl	uster be easily distinguis	hed from the background stars? $O_{\mathcal{K}}$
• What is the	e overall shape of the obj	ject? Climp
• How many	stars can you count in t	he cluster? (
· Me me sta	is more concentrated in	any one particular area? No
• Is this clust	ter resolved fully or is the	ere some background nebulosity noticed?
• Is there an	y particular area where j	you notice an absence of stars in this cluster? $ \mathcal{N}_{\!o} $
• Are there a	any particularly bright st	tars involved in this cluster? If so, do they show any colors? 人
		ts in the same field of view? If so, what?
Description	NLC 724	5 to 5 -very meresony + gove a true of grow &-w
	W/10+	+ gove a live of grow &-w
1	Km99= Tr	= II 1 p
<del></del>		

Date 9/23/6  Time 11:05 COT  Location CMCC  Seeing Transparency T-  Instrument XT-12  Size 12  Eyepiece 42  Field of view Power 38  Om the background stars? No
Location MCC  Seeing T Transparency T   Instrument XT - 12  Size 12  Eyepiece 42  Field of view Power 38  om the background stars? № 0
Seeing Transparency Instrument XT-12  Size 12  Eyepiece 42  Field of view Power 38  om the background stars? ~o
Instrument
Size 12 Eyepiece 42 Field of view Power 38 om the background stars? ~o
Eyepiece 42 Field of view Power 38  om the background stars? ~o
Field of view Power 3 8
om the background stars? ~o
,
,
nter? S ne particular area? Bels
ne background nebulosity noticed?
tice an absence of stars in this cluster? $N_0$
volved in this cluster? If so, do they show any colors?
ne same field of view? If so, what? Field of
Sh2-192 cluster (not seen)
n of y

Object ID: Deag b	
Const.: Cep	Observer B Yount
RA: Dec.:	Date 9/23/4
Mag: Size:	Time 11115 CDT
	Location (MCC
	Seeing Transparency T
	Instrument XT-12
1	Size 12
4	Eyepiece 42
	Field of view Power 38
	ed in any one particular area? No
	here you notice an absence of stars in this cluster?
Are there any particularly brig	ght stars involved in this cluster? If so, do they show any colors? $ \!$
• Are there any other deep-sky	objects in the same field of view? If so, what? $\sim$
Description	AJC
(1999 Cole & Pratt)	•

Object ID: Vin 18	
Const.:	Observer B Yowk
RA: Dec.:	Date 7/8/7
Mag: Size:	Time
	Location Mce
	Seeing I Transparency I
	Instrument XTI2
	Size   2
d.	Eyepiece 42
	Field of view Power
5	
• Can this cluster be easily distinguished from	om the background stars? Somewhat
What is the overall shape of the object?	
	•
How many stars can you count in the clus	iter? 6
Are the stars more concentrated in any or	ne particular area? 🇠
• Is this cluster resolved fully or is there son	ne background nebulosity noticed?
Is there any particular area where you no	tice an absence of stars in this cluster? $\mathcal{N}_{\circ}$
Are there any narticularly bright stars ins	volved in this cluster? If so, do they show any colors?
	V - C
• Are there any other deep-sky objects in the	ie same field of view? If so, what? Yes, M-C 738.
Description	
(1999 Cole & Pratt)	

Object ID: NGC 1423	
Const.: Ces	Observer B You
RA: Dec.:	Date
Mag: Size:	Time 12:30
	Location
	Seeing Transparency T
	Instrument X512
	Size 2
	Eyepiece 42
	Field of view Power
• Can this cluster be easily distinguishe	d from the background stars? $\gamma_e$ 5
• What is the overall shape of the objec	it? clomp
How many stars can you count in the	cluster? 12
Are the stars more concentrated in an	· · · · · · · · · · · · · · · · · · ·
• Is this cluster resolved fully or is there	esome background nebulosity noticed?
• Is there any particular area where you	u notice an absence of stars in this cluster? $\sim$
Are there any particularly bright stars	s involved in this cluster? If so, do they show any colors? $\sim$
• Are there any other deep-sky objects i	in the same field of view? If so, what? No
Description	Tr=IVIP
(1999 Cole & Pratt)	

bject ID: King 10	0(00
<del></del>	
onst.:	201-
.: Dec.:	
ng: Size:	
	Location MCC
	Seeing Transparency I
	Instrument XT12
	Size 12
	Eyepiece 42
	Field of viewPower
	/
What is the overall shape of the obj  How many stars can you count in the stars more concentrated in	the cluster? 2~3
s this cluster resolved fully or is the	ere some background nebulosity noticed?
is there any particular area where	you notice an absence of stars in this cluster? 🍋
Are there any particularly bright st	tars involved in this cluster? If so, do they show any colors?
Are there any other deep-sky objec	ets in the same field of view? If so, what?
•	•
eription	Tr= IV 1p
Cole & Pratt)	

Ococ (x2)

onst.: Ce	Observer 8 Yank
A: Dec.:	a la I .
Iag: Size:	Time 1: 20 cor
	Location RMCC
	Seeing 1- Transparency 1-
	Instrument XT-12
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Size 12 Eyepiece 40
Ä ,	Field of view Power 37
1-419	7510/K19
Can this cluster be casily distinguished for	, - 1
What is the overall shape of the object?	
How many stars can you count in the clu	ister? 6/Y
Are the stars more concentrated in any o	ne particular area? No /No
	mebackground achievity noticed? Mory (417)
Is this cluster resolved fully or is there so	
	otice an absence of stars in this cluster? No ha
Is there any particular area where you o	otice an absence of stars in this cluster? No /No
Is there any particular area where you not there any particularly bright stars in	rvolved in this cluster? If so, do they show any colors? No
Is there any particular area where you not there any particularly bright stars in	rvolved in this cluster? If so, do they show any colors? No
Is there any particular area where you make there any particularly bright stars in Are there any other deep-sky objects in t	evolved in this cluster? If so, do they show any colors? No line same field of view? If so, what? No lend other
Is there any particular area where you make there any particularly bright stars in Are there any other deep-sky objects in the escription 770 TC = T1p	evolved in this cluster? If so, do they show any colors? No

Object ID: NGC	7686
Const.: And	Observer Byowk
RA: Dec.:	Date
Mag: Size:	Time 138 COT
	Location CMCC
	Seeing II Transparency I
	Instrument XTI2
	Size (2
	Eyepiece // O
	Field of view Power 37
<ul> <li>What is the overall shape</li> <li>How many stars can you</li> </ul>	distinguished from the background stars? Ye, e of the object? Sways count in the cluster? ZZ atrated in any one particular area?
Is this cluster resolved (1)	by or is there some background nebulosity noticed?
Is there any particular ar	rea where you notice an absence of stars in this cluster? No
	y bright stars involved in this cluster? If so, do they show any colors? Ves, 8
Are there any other deep	-sky objects in the same field of view? If so, what?
Description	= III2P
1000 Cata & m. 42	

OCOC

Object ID: LM 21	
Const.:	Observer B Your
RA: Dec.:	Date 7/15/7
Mag: Size:	Time 12115Am
	Location A. Narch
	Seeing II Transparency II
	Instrument XT
	Size 12
<b>%</b>	Eyepiece 42
	Field of view Power 37
<ul> <li>Can this cluster be easily distinguish</li> </ul>	ned from the background stars?
	^
<ul> <li>What is the overall shape of the obje</li> </ul>	<b>↓</b>
How many stars can you count in the	
<ul> <li>Are the stars more concentrated in a</li> </ul>	uny one particular area? on Willbl
<ul> <li>Is this cluster resolved fully or is ther</li> </ul>	re some background nebulosity noticed?
<ul> <li>Is there any narticular area where vo</li> </ul>	ou notice an absence of stars in this cluster? $\sim$
· ·	
	ars involved in this cluster? If so, do they show any colors?
<ul> <li>Are there any other deep-sky objects</li> </ul>	s in the same field of view? If so, what? $N$ ,
Description 1 = 13	

#### Planetary Nebula Club Observing Log

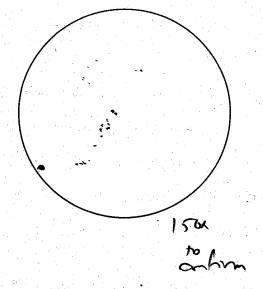
Observer's name: B Yow 6

01: 2/4 6/5 15	1 +
Object: KING 12	Location: RMCc
Date: 7/8/7	Time: 2:20
Seeing: II -	Transparency: I
Darkness of the site: $\beta + 2$	Moon phase: 22
Aperture and focal ratio:	Magnification(s) used:
12, t/3	371, 1501
Device-aided? No	Color(s) seen:
Filters used:	Is filter required to detect the PN?
×	
Is the central star visible?	Direct or averted vision?

How does the planetary respond to different magnifications?

Description: (Sketch is optional unless a negative observation.)

37x



Very small "bees" word a 10m star No stars conted Trapler = I3p