Observer's Name S 9	
Object: M	Location: Act
Date: 9/1/13	Time: 9:10 V
Seeing:	Transparency:
Darkness of site:	Moon phase: > La (30° away)
Instrument:	Eyepiece & Magnification: 10mm /240x
Device-aided?	Filters:
Pirect of Averted Vision?	Nebula Brightness:

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

BJECT:	MI
oes the edge of t	the nebula stand out clearly from the background or fade boundaries? {Circle One}
	mbedded in the nebula? {Yes / No} How many?
	er our bon "Forte Grano"
s the nebula our Circle One}	iform glow or uneven, with bright patches or dark lanes
	Chab and Fanton
	la respond to different filters and magnifications? 1. 24mm 10mm w/2x 03 UTC WB US
<u> </u>	042
04	MAKES IT PISABPEAR!
07	NOT 6000
Is the object vis: {Circle One}	ible by direct vision or does it require averted vision?
What else is visi nebula)?	ble in the field (clusters, bright stars, other bright
	~ o

Observer's Name & y	
Object: 1C 5366	Location: ACT
Date: 9/7/13	Time: 3:10
Seeing:	Transparency:
Darkness of site: B 4.5	Moon phase:
Instrument: 22 UC	Eyepiece & Magnification: 24/10 KOX/
Device-aided?	Filters: N/4 UHE US
Direct or Averted Vision?	Nebula Brightness:

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

BJECT: 105366	
pes the edge of the nebula stand out way without sharp boundaries? {Circl	clearly from the background or fade
Vony AMORPHOUS	
re there stars embedded in the nebul	
s the nebula a uniform glow or unever	en, with bright patches or dark lanes
hat is the shape and size of the new SL , $5HAR$ or	
·	
ow does the nebula respond to differ ircle / # combos: 24mm 10mm v	rent filters and magnifications?
24 + A or V perhaps 1	oest
10 Makes too smell	
s the object visible by direct vision Circle One}	on or does it require averted vision?
hat else is visible in the field (clebula)?	lusters, bright stars, other bright
No	
	:

	1		•	
Observer's Name		5 Your		

Object: N7635	Location: A-CT
Date: 9/9/13	Time: 7:30
Seeing:	Transparency:
Darkness of site: by.5	Moon phase:
Instrument: 22UC	Eyepiece & Magnification: 24/10 100/240
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:

BJECT:N 7635	
oes the edge of the nebula stand out clearly from the background or fade two way without sharp boundaries? {Circle One}	0
on lower right	
· ·	
re there stars embedded in the nebula? {(Yes)/ No} How many?	
Bp. 2 W/neb	
s the nebula a uniform glow or (neven) with bright patches or dark lanes?	
hat is the shape and single the value of	
nat is the shape and size of the nebula?	
ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm w/2x 03 UHC WB 08	
D+V reed larler shres	
s the object visible by direct vision or does it require averted vision?	
hat else is visible in the field (clusters, bright stars, other bright ebula)?	
M52 L.	
New 7	

Ω	√. ✓			
Observer's Name 5	1	en e	 	

Object: LBN 26	Location:
Date: 9/2 6/13	Time: 2105
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument: 22JC	Eyepiece & Magnification: 2 \(\)
Device-aided?	Filters:
Director Averted Vision?	Nebula Brightness:

Description: (Sketch is option	onal unless a negative observation)
Just & OF	M 8
SOP, By DN	

DBJECT: LGN 25	
ooes the edge of the nebula stand out clearly way without sharp boundaries? {Circle one}	from the background or fade
re there stars embedded in the nebula? {Yes,	/ No} How many?
s the nebula a uniform glow or uneven, with l Circle One}	
<u> </u>	NAM WAS STAR
hat is the shape and size of the nebula?	
0VAZ 15'	
ow does the nebula respond to different filtering firster / # combos: 24mm 10mm w/2x 03	ers and magnifications? UHC WB US
DIGNTTRY	
s the object visible by direct vision or does	s it require averted vision?
hat else is visible in the field (clusters, lebula)?	bright stars, other bright
M8 ON W EDG	{

Observer's Name B 7	
Object: LBN 52	Location:
Date: 9/29/13	Time: 3:15
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument:	Eyepiece & Magnification: 22 100 X
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:

OBJECT:	いとうし			<u> </u>
Does the edge of away without shar			from the back	ground or fade
Are there stars e	mbedded in the	nebula? (Yes	No} How many?	?
0	<u> </u>			·
Is the nebula a unafficient (Circle One)	niform glow or	uneven with k	right patches	or dark lanes?
What is the shape	and size of th	ne nebula?		
	SMA	u, rano	3H	
Circle / # combos	: 24mm 10	0mm w/2x O3	UHC WB	US
			· · · · · · · · · · · · · · · · · · ·	
Is the object vis {Circle One}	ible by direct	vision or does	it require a	verted vision?
: 		and the second second second	 	
What else is visinebula)?	ble in the fiel	d (clusters, b	right stars, o	other bright
	MZy on	5 890	6	
		<u> </u>		
! :				
			*	

Observer's Name <u>B</u>	
Object: Sh 2-82	Location: O—T
Date: 9/29/13	Time: 5: 40 x
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument: 22UC	Eyepiece & Magnification: 10mm 240x
Device-aided?	Filters:
Direct of Averted Vision?	Nebula Brightness:

Description: (Sketch is optional unless a negative observation)	
	- 1
	0-4
	-

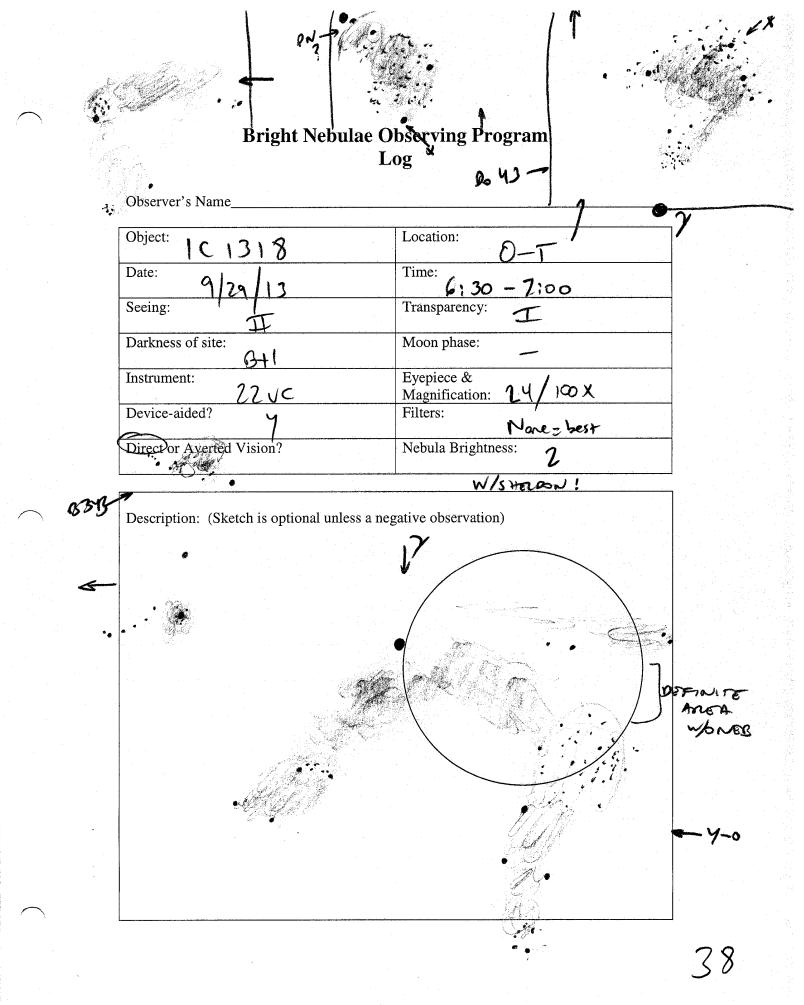
OBJECT:
Does the edge of the nebula stand out clearly from the background of fade away without sharp boundaries? {Circle One}
Are there stars embedded in the nebula? {Yes / No} How many?
yes - S of hem -see sketch
Is the nebula a uniform glow or uneven with bright patches or dark lanes? {Circle One}
Best new middle star
What is the shape and size of the nebula?
Try to see Δ but W side cut by ∂N
Onl
How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 15mm w/2x 02 UHC WB US AND FIRM
Is the object visible by direct vision or does it require averted vision? {Circle One}
What else is visible in the field (clusters, bright stars, other bright nebula)?
Triangle of fir,

Observer's Name & 7	in the second se
Object: 1C 4954	Location:
Date: 9/2/13	Time: 5!50
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument: 22JC	Eyepiece & Magnification: 10 / 240 x
Device-aided?	Filters: NONE = BEST
Direct or Averted Vision?	Nebula Brightness:
Description: (Sketch is optional unless a	a negative observation)

hat is the shape and size of the nebula? Crock = <10', extends to 20' ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm omm w/2x on wB US The state object visible by a frect vision or does it require averted vision? Circle One) that else is visible in the field (clusters, bright stars, other bright	OBJECT: C 4954	
Source + One bound to different filters and magnifications? That is the nebula respond to different filters and magnifications? The combos: 24mm Omm w/2x One WB US Source W WB US The state of the object visible by direct vision or does it require averted vision? That else is visible in the field (clusters, bright stars, other bright ebula)?		
Source + One bound to different filters and magnifications? That is the nebula respond to different filters and magnifications? The combos: 24mm Omm w/2x One WB US Source W WB US The state of the object visible by direct vision or does it require averted vision? That else is visible in the field (clusters, bright stars, other bright ebula)?		
Source + One bound to different filters and magnifications? That is the nebula respond to different filters and magnifications? The combos: 24mm Omm w/2x One WB US Source W WB US The state of the object visible by direct vision or does it require averted vision? That else is visible in the field (clusters, bright stars, other bright ebula)?		
sthe nebula a uniform glow or uneven, with bright patches or dark lanes? Circle One Sem Light of Sem Light	Are there stars embedded in th	ne nebula? (Yes / No) How many?
sthe nebula a uniform glow or uneven, with bright patches or dark lanes? Circle One Sem Light of Sem Light		irde + One bight
sthe nebula a uniform glow or uneven, with bright patches or dark lanes? Circle One Sem Light of Sem Light	ℓ	Possibly over to 2 m SE?
sembight of semi-sight in "byher" hat is the shape and size of the nebula? Corcle - <10', extends to 70' ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm omm w/2x on the way with the way was a semi-sight of the way with the way was a semi-sight of the way was a semi-sight way with the way was a semi-sight w		
corcle - <10 , extend to 20 , extend	{Circle One}	
corcle - <10 , extend to 20 , extend		near bright stor
corcle - <10 , extend to 20 , extend		semi-sight in "bester" (cs
s the object visible by direct vision or does it require averted vision? Circle One} that else is visible in the field (clusters, bright stars, other bright ebula)?	How does the nebula respond to	o different filters and magnifications?
s the object visible by direct vision or does it require averted vision? Circle One} that else is visible in the field (clusters, bright stars, other bright ebula)?	Circle / # combos: 24mm	Omm w/2x O3 UHO WB US
s the object visible by direct vision or does it require averted vision? Circle One} that else is visible in the field (clusters, bright stars, other bright ebula)?	WO TX	osmal
hat else is visible in the field (clusters, bright stars, other bright ebula)?	,	⊃ best
hat else is visible in the field (clusters, bright stars, other bright ebula)?		
hat else is visible in the field (clusters, bright stars, other bright ebula)?	Is the object visible by direct {Circle One}	ct vision or does it require averted vision?
ebula)?		
ebula)?		
₽ ₀	What else is visible in the finebula)?	ield (clusters, bright stars, other bright
		W.

Date: 9 29 10 Seeing: Time: 6 110 Seeing: Transparency: Told Moon phase: Instrument: 2 2 3 C Device-aided? Filters: Torre = best Direct or Acetted Vision Nebula Brightness: Y Description: (Sketch is optional unless a negative observation)	Observer's Name 3 40 16	
Seeing: Transparency: Darkness of site: Instrument: Device-aided? Direct or Alerted Visions Description: (Sketch is optional unless a negative observation) Transparency: Eyepiece & Magnification: 10 / 240x Filters: Nebula Brightness: Description: (Sketch is optional unless a negative observation)	Object: ONBIN	Location: O —T
Darkness of site: Moon phase:		Time: 6:10
Instrument: Eyepiece & Magnification: 10 / 240x	11.	
Device-aided? Direct or Averted Vision? Description: (Sketch is optional unless a negative observation) Magnification: 10 / 240% Filters: Nebula Brightness: Description: (Sketch is optional unless a negative observation)	Darkness of site:	Moon phase:
Direct or Averted Vision) Nebula Brightness: Description: (Sketch is optional unless a negative observation)	2200	Eyepiece & Magnification: 10 /240x
Direct or Averted Vision) Nebula Brightness: Description: (Sketch is optional unless a negative observation)	Device-aided?	Filters: none = best
	Direct or Averted Vision	Nebula Brightness:

	ne nebula stand out clearly from the background or tade boundaries? {Circle One}
· · · · · · · · · · · · · · · · · · ·	
re there stars emb	pedded in the nebula? (Yes) / No} How many?
	5 v. famos
s the nebula a ini Circle One}	form glow or uneven, with bright patches or dark lanes?
hat is the shape a	and size of the nebula?
	La . band
	tony, rand
Now does the nebula Circle / # combos:	respond to different filters and magnifications? 24mm
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	Dest when its gare
	Dest irus its you
	Dest irus ins one
	Dest irus insgre
	ole by direct vision or does it require (verted vision?
Circle One} hat else is visibl	
Circle One} hat else is visibl	ple by direct vision or does it require (verted vision?
Circle One} hat else is visibl	the le by direct vision or does it require (verted vision?) The le in the field (clusters, bright stars, other bright
Circle One}	the le by direct vision or does it require (verted vision?) The le in the field (clusters, bright stars, other bright



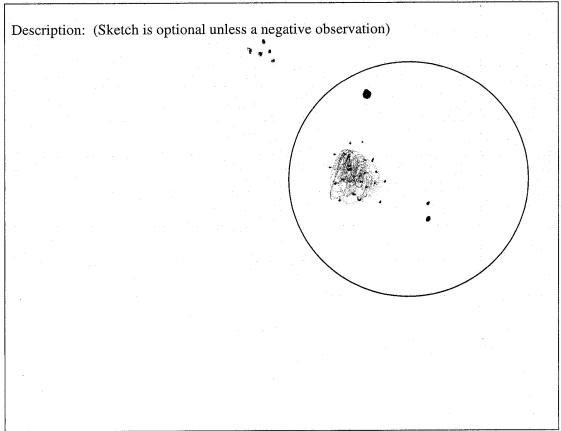
OBJECT:	1013	318			
	1	180	rie)		Most
ooes the edge of t	he nebula sta boundaries?	nd out crear! {Circle one}	y from the b	ackground or	rade
way wienoae bharp	boarraar reb.	(011010 0110)			
	· · · · · · · · · · · · · · · · · · ·				
					<u> </u>
are there stars em	bedded in the	nebula? {Yes	/ No} How m	any?	
182 00 M.					
9 1.	· · ·		** ************************************	,	
<u></u>				· · · · · · · · · · · · · · · · · · ·	'
s the nebula a un	iform glow or	uneven, with	bright patc	hes or dark	lanes?
Circle One}					
		1 1 . 7 . 6			
hat is the shape	and size of t	ne nebula?			
MUSE			*, *	linear an ann an Airline	
ow does the nebularicle / # combos: Out my	P4mm 1	omm w/2x 03	THC WB		
				VAHON	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
		reger i de la calacter de la calact	· · · · · · · · · · · · · · · · · · ·		
vicinist a		<u> </u>			
s the object visi Circle One}	ble by direct	vision or do	es it requir	e averted vis	sion?
·		<u>aring and the second and an aring the second and t</u>			
Not oleo in		1.7 / 61,5	had other at a	a sebasa bess	-h+
hat else is visib ebula)?	le in the fie	ia (clusters,	bright star	s, other brig	gnt
M29+ N	+ 00 Dz	+			
	-				**************************************
				·	

	Observer's Name B 70-M	
	(9/0	
	Object: NGC 6992/6795+	Location: 6-T
	Date: 9/30/13 /C1340	Time: 2:10 - 2:40 vr
	Seeing:	Transparency:
	Darkness of site:	Moon phase:
	Instrument:	Eyepiece & Magnification: 24/10 100/240
	Device-aided?	Filters: No/03/VHC) WI
(Director Averted Vision?	Nebula Brightness:
	N6992	the state of the s
	Description: (Sketch is optional unless a ne	eative observation)
N6995		
, A		N6960
04		
7		
•		
	101340	

P-SMARL PORTION OF PICKERIMES TRIANGLE SEEN IN AREA 40

DBJECT:	6992/6995+6960	+1 crs fre
	ooundaries? {Circle One}	from the background or fade
		_
	<u> </u>	
Are there stars embe	edded in the nebula? (Yes)	/ No} How many?
E	amos one on love	glitest line
Is the nebula a unif {Circle One}	form glow or uneven with	bright patches or dark lanes?
-1		
=	nd size of the nebula?	
E	normous halo	t tit ziikaalanka vanaanan valaana
Circle / # combos:	respond to different filt 24mm 10mm w/2x 03 FOR A HELPS BRING OUT (MOSTOF WAST & COMMEN A	UHC WB US
U BERG F	on vote 6 max 2 mon	I KOPES MONE ININY.
		use
Is the object visibl {Circle One}	Le by direct vision or doe	es it require averted vision?
(CIICIE OHE)		interior areal
	and the second s	742) 64 2 60
What else is visible nebula)?	e in the field (clusters,	bright stars, other bright
<u>.</u>	o~e	
	G * **	
<u></u>		

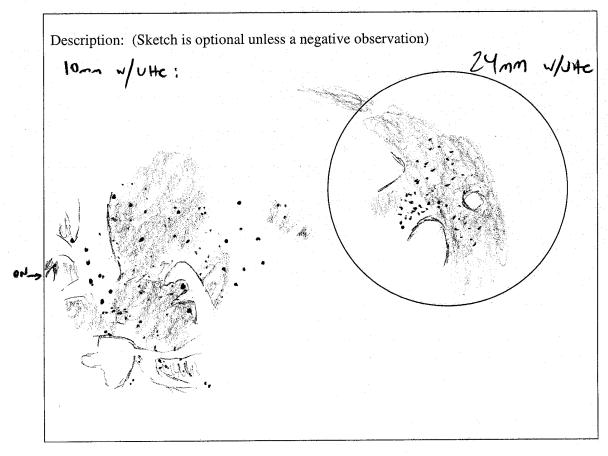
Object: 105146	Location:
101196	O-1
Date: 9/30/12	Time: 3:15 V
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument: 22 UC	Eyepiece & Magnification: 25/10 100/240
Device-aided?	Filters:
Direct of Averted Vision?	Nebula Brightness:



OBJECT:	C5746		1		<u> </u>
oes the edge of	the nebula sta	nd out clea	arly from t	he backgroun	d or fade
way without sha	arp boundaries?	{Circle On	3 }		
			. / >-) -		
re there stars	embedded in the	nebula? {	Yes / No} H	low many?	
	Yes - 25 +	-			
	i ·				÷.
					· · · · · · · · · · · · · · · · · · ·
s the nebula a	uniform glow or	uneven, w	ith bright	patches or d	ark lanes?
Circle One}		•	. 3		
•					
					
			<u> </u>		- Martinian
hat is the shap	pe and size of t	he nebula?			
	10	~ l - 1:	, /		
	(Wa	~ - '		<u> </u>	
•	Dbest	Files	no help		
				<u> </u>	<u></u>
				en e	
			· ·	Kre	
	isible by direct	vision or	does it re	equire averte	d vision?
Circle One}					
		·	-	<u>,</u>	
hat else is vi: ebula)?	sible in the fie	ld (cluste	rs, bright	stars, other	bright
	No			·	
					1

(16) Inou Mu 2400 men

Observer's Name	
Object: M16 + 1C4703	Location:
Date: 9/30/13	Time: 2:20 - 2:45
Seeing:	Transparency:
Darkness of site:	Moon phase: 250
Instrument: 22	Eyepiece & Magnification: 24
Device-aided?	Filters:
Direct of Averted Vision?	Nebula Brightness:



BJECT: B	(MI6)				
oes the edge of the n way without sharp bou	ebula stand out indaries? {Circle	clearly for e One}	surful,		ade)
re there stars embedd	led in the nebula	a? {Yes / N	o} How many		
Tons					·
s the nebula a unifor Circle One} Ballant	m glow or enever				
That is the shape and	size of the neb		le w/spr	alung	5
					<u> </u>
Now does the nebula re Circle / # combos:		ent filters 1/2x O3	UHC WB	US	
7+1	Thest O3	re betser			
				· · · · · · · · · · · · · · · · · · ·	
		<u></u>			
Is the object visible	by Girect visio	on does i	t require a	verted visi	on?
[Circle One]					
		and the second s			
What else is visible :	in the field (cl	usters, bri	ght stars,	other brigh	ıt
14 0	hster				
			·		

NC
Location: O—T
Time: 3: 40
Transparency:
Moon phase:
Eyepiece & Magnification: 10 /240×
Filters:
Nebula Brightness:

	LGN 70
	of the nebula stand out clearly from the background or fade sharp boundaries? {Circle One}
Are there star	rs embedded in the nebula? (Yes / No) How many?
Is the nebula {Circle One}	a uniform glow or uneven) with bright patches or mark lanes?
What is the sh	nape and size of the nebula?
	Patchy small
How does the r Circle / # com	nebula respond to different filters and magnifications? nbos: 24mm 10mm w/2x 03 the WB US
	<u> </u>
	U Y
	visible by direct vision or does it require averted vision?
	visible by direct vision or does it require averted vision?
	visible by direct vision or does it require averted vision?
{Circle One}	visible by direct vision or does it require averted vision?
{Circle One}	

- Land Control -
Time: 4;00
Transparency:
Moon phase:
Eyepiece & Magnification: 10 /240x
Filters: USE UHC
Nebula Brightness:
egative observation)

BJECT:	1896 BIC180	5+ nel 15		
	f the nebula standarp boundaries? {(rom the background or fad	9
F	de mto ench	other on	n "brdge"	-
re there stars	embedded in the r		No} How many?	
	8-10	brights		
s the nebula a Circle One}	uniform glow or u	neven, with br	ight patches or dark lane	s?
Circle One;	fary mif	ww.		
hat is the sha	ape and size of the	e nebula?		
	Oblems		en e	
		**************************************		_
Now does the ne		ifferent filter nm w/2x O3	s and magnifications? UHC WB US	
	1+ V Dp.	le no Lelp		- - -
			and the state of t	-
				_
s the object v	visible by direct	vision or does	it require averted vision	1.
				-
That else is vi nebula)?	sible in the field	d (clusters, br	ight stars, other bright	
6	iroy of son	0 = cluste	r mel 15	
	•			

	Observer's Name B. 70 WG	
	(PLEMPIES NEBULOUSIN)	
	Object: vd B 20/21/22/23	Location: O —T
	Date: 9/30/13	Time: 4:30
	Seeing:	Transparency:
	Darkness of site:	Moon phase:
	Instrument: 22 U C	Eyepiece & Magnification: 24/100
	Device-aided?	Filters:
<	Direct of Averted Vision?	Nebula Brightness:

	.	l unless a negative ob	
4.5			
	*		

DBJECT: \square \sqrt{\d}	(1) 20-23		
	the nebula stand out con boundaries? {Circle	learly from the backgro	ound or fade
	The state of the s		
·			
	mbedded in the nebula		
Ę	ach has As	57~	·
s the nebula a u	niform glow or uneven,	with bright patches or	dark lanes?
Circle One}	1		A
	mostly	a tew	w/neng
	<u>/</u>		
	and oles of the behavior	- n	_/
	and size of the nebul		
erope 'S MESULA	15 FAN SHAPPO	ON SIDE.	·
ircle / # combos	: 24mm 10mm w/2	t filters and magnifica	3
rircle / # combos	: 24mm 10mm w/2	t filters and magnifica x O3 UHC WB U	3
rircle / # combos	: 24mm 10mm w/2	t filters and magnifica x O3 UHC WB U	3
ircle / # combos	: 24mm 10mm w/2:	t filters and magnificate to the desired to the des	
ircle / # combos W/ No Finst	: 24mm 10mm w/2:	t filters and magnifica x O3 UHC WB U	
ircle / # combos W/ No Finst	: 24mm 10mm w/2:	t filters and magnificate to the desired to the des	
ircle / # combos W/ No Finst	: 24mm 10mm w/2:	t filters and magnificate to the desired to the des	
s the object visiting one	ible by direct vision	t filters and magnificate to the second of the second of the second or does it require average.	/Sected vision?
s the object vision one of the object vision one is viside.	ible by direct vision	t filters and magnificate to the desired to the des	/Sected vision?
s the object vision one of the cone	ible by direct vision	t filters and magnificate to the start of th	/Sected vision?
s the object vision one of the object vision one is viside.	ible by firect vision	t filters and magnificate to the second of the second of the second or does it require average.	/Sected vision?
ircle / # combos W/ Co Five s the object vision Circle One	ible by firect vision	t filters and magnificate to the start of th	/Sected vision?
ircle / # combos W/ No FINA is the object vision one in the control one in the combos.	ible by firect vision	t filters and magnificate to the start of th	/Sected vision?

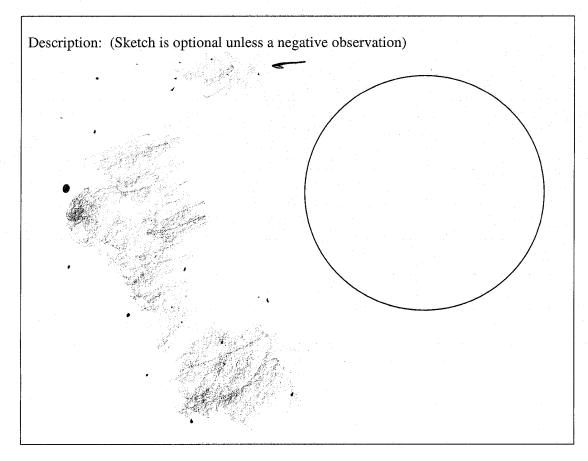
Object: LBN 113	Location: O
Date: 0/1/13	Time: 2:30 V
Seeing:	Transparency:
Darkness of site:	Moon phase: 260
Instrument: 22	Eyepiece & Magnification: 10 /240
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:

Are there stars embedded in the nebula? (Yes) No} How many? [Constant of the nebula a uniform glow or uneven, with bright patches or dark lanes (Circle One) What is the shape and size of the nebula? One of the nebula? How does the nebula respond to different filters and magnifications?	OBJECT: LGN 113
Is the nebula a uniform glow or uneven, with bright patches or dark lanes {Circle One} What is the shape and size of the nebula? Own, w/srar off certer How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US I+V Is the object visible by sirect vision or does it require averted vision?	Does the edge of the nebula stand out clearly from the background or fade away without sharp boundaries? {Circle One}
Is the nebula a uniform glow or uneven, with bright patches or dark lanes {Circle One} What is the shape and size of the nebula? What is the shape and size of the nebula? How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US T+\forall T	
Is the nebula a uniform glow or uneven, with bright patches or dark lanes {Circle One} What is the shape and size of the nebula? Own, w/sra old cexter How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US I+ \forall \tag{1}	
Is the nebula a uniform glow or uneven, with bright patches or dark lanes {Circle One} What is the shape and size of the nebula? Own, w/s off center How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US I+V Is the object visible by virect vision or does it require averted vision?	
What is the shape and size of the nebula? Own, w/s of center How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US I+V Is the object visible by virect vision or does it require averted vision?	166n
What is the shape and size of the nebula? Own, w/s of center How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US I+V Is the object visible by virect vision or does it require averted vision?	
How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US I+ It Is the object visible by wirect vision or does it require averted vision?	Is the nebula a uniform glow or uneven, with bright patches or dark lanes {Circle One}
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How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US I+ It Is the object visible by wirect vision or does it require averted vision?	
How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US I+ It Is the object visible by virect vision or does it require averted vision?	What is the shape and size of the nebula? Only w/six off center
Circle / # combos: 24mm 10mm w/2x 03 UHC WB US	
Is the object visible by direct vision or does it require averted vision?	Circle / # combos: 24mm 10mm w/2x 03 UHC WB US
(Circle One)	
	{Circle One}
	en de la composition de la composition La composition de la
	What else is visible in the field (clusters, bright stars, other bright nebula)?
No	No
	y

Observer's Name B Yow	L
Object: N333	Location:
Date: 10/1/13	Time: 7:35
Seeing:	Transparency:
Darkness of site:	Moon phase: 269
Instrument: 220 C	Eyepiece & Magnification: O 240
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:

BJECT:	N1333			
Does the edge	harp boundaries?	nd out clearly fro	•	200
······································	BN			0~
-				
		nebula? {Yes / No		
s the nebula Circle One}		uneven, with brig	ght patches or dark I	lanes?
What is the sh	ape and size of t	he nebula?		
	, - •			
· · · · · · · · · · · · · · · · · · ·				<u> </u>
How does the r			and magnifications? JHC WB US	
		.0mm w/2x O3 t		
		.0mm w/2x O3 t		
Circle / # com	bos: 24mm 1	.0mm w/2x 03 t		sion?
Circle / # com	bos: 24mm 1	.0mm w/2x 03 t	JHC WB US	sion?
Circle / # com	bos: 24mm 1	.0mm w/2x 03 t	JHC WB US	sion?
Is the object {Circle One}	bos: 24mm 1	Omm w/2x 03 to	JHC WB US	9 J
Is the object {Circle One}	bos: 24mm 1	Omm w/2x 03 to the control of the co	require averted vis) ght
Is the object	bos: 24mm 1	Omm w/2x 03 to the control of the co	require averted vis) ght
Is the object {Circle One}	bos: 24mm 1	Omm w/2x 03 to the control of the co	require averted vis	J ght

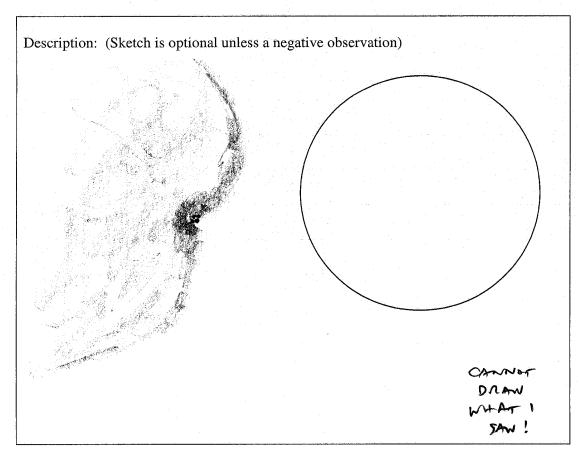
Observer's Name B Yo L	
Object: 102118 (Whiteh HEND)	Location: O-T
Date: 10/1/12	Time: 8:20-8:30
Seeing:	Transparency:
Darkness of site:	Moon phase: ZGD
Instrument:	Eyepiece & Magnification: 24 /100
Device-aided?	Filters: Use UHC
Direct or Averted Vision?	Nebula Brightness:



	1C Z118 (WITCH HEAD)
	edge of the nebula stand out clearly from the background or fade
away with	sharp boundaries: {Circle one}
· · · · · · · · · · · · · · · · · · ·	
Are there	stars embedded in the nebula? (Yes / No) How many?
	sevent over lowery
	But morrestably loss other Milley way
Is the neb {Circle Or	oula a uniform glow or uneven, with bright patches of dark lanes?
	HARD TO ORAW THE VETAS THROUTHAN
	Auso grillon area were STAR & OCTAC
What is th	ne shape and size of the nebula?
	LONG 8 LANGE
How does t	the nebula respond to different filters and magnifications?
How does t Circle / #	
Circle / #	ect visible by direct vision or does Frequire averted vision?
Circle / #	ect visible by direct vision or does Frequire averted vision?
Circle / #	ect visible by direct vision or does Frequire averted vision?
Circle / #	ect visible by direct vision or does Frequire averted vision?
Is the obj	ect visible by direct vision or does Frequire averted vision?
Circle / #	ect visible by direct vision or does Frequire averted vision?
Is the obj	ect visible by direct vision or does Frequire averted vision?
Is the obj	ect visible by direct vision or does Frequire averted vision?
Is the obj	ect visible by direct vision or does Frequire averted vision?

Observer's Name	B	yout	

Object: MUZ/43	Location: O—T
Date: 10/1/3	Time: 9:30
Seeing:	Transparency:
Darkness of site:	Moon phase: 269
Instrument: 22UC	Eyepiece & Magnification: U"/ 100x
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:



OBJECT:	MYL	entermonistrativos com tradiciones mediate termode esta a decentral esta esta entermonia entermonia entermonia
	e of the nebula st sharp boundaries	stand out clearly from the background or fade ? {Circle One}
Are there sta		the nebula? (Yes / No) How many?
	T seen i	m Trapezrum (w/zyox)
Is the nebula {Circle One}	a uniform glow (or uneven, with bright patches or dark lanes
What is the s	shape and size of	the nebula?
	Hoesh	och ware
How does the Circle / # co		to different filters and magnifications? 10mm w/2x O3 UHC WB US
		DLD no help
	·	
<pre>Is the object {Circle One}</pre>	visible by direct	ect vision or does it require averted vision?
{Circle One}		
What else is	wigible in the f	field (clusters, bright stars, other bright
nebula)?	VISIBLE III CHE I	Tield (Clustels, Blight Stars, Other Bright

 $\overline{}$

Observer's Name	
Object: (NYC (N))	
	Location:
1C 1848+ Sh 2-199(rebla	0-1
Date: / mly	Time:
10/2/13	4:30
Seeing:	Transparency:
1	
Darkness of site:	Moon phase:
B+1	-10
nstrument:	Eyepiece &
	Magnification: 24 /100
220C Device-aided?	Filters:
Device-aided?	UHC
A A A	
Direct or Averted Vision?	Nebula Brightness:
was a second of the second of	<u> </u>
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d,	
7 246	~

OBJECT:	10 1848
	of the nebula stand out clearly from the background of fade sharp boundaries? {Circle One}
Are there sta	rs embedded in the nebula? {Yes Y No} How many?
	tsp. 15+ste climps shown
Is the nebula {Circle One}	a uniform glow or uneven, with bright patches or dark lanes?
	Strations
What is the s	hape and size of the nebula?
Milde 15 circ 5	
	lage, meren shape
Circle / # cc	nebula respond to different filters and magnifications? mbos: 24mm 10mm w/2x 03 UHC WB US
and a series and a series as 	<u> </u>
Is the object {Circle One}	visible by direct vision or does it require averted vision?
What else is nebula)?	visible in the field clusters, bright stars, other bright
	

Observer's Name B. Yowk	
Object: 12B14+12B15	Location:
Date: 10/2/13	Time: 5:00
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument: 22 UC	Eyepiece & Magnification: 10 / 140 x
Device-aided?	Filters:
Direct of Averted Vision?	Nebula Brightness: 3/5

Description: (Sketch is optional unless a negative observation)

* SUICHT HINT OF NOTE

ONLY SOUND WE FILTER

Losles like part
of vd BIS!

Based on internet

Sources.

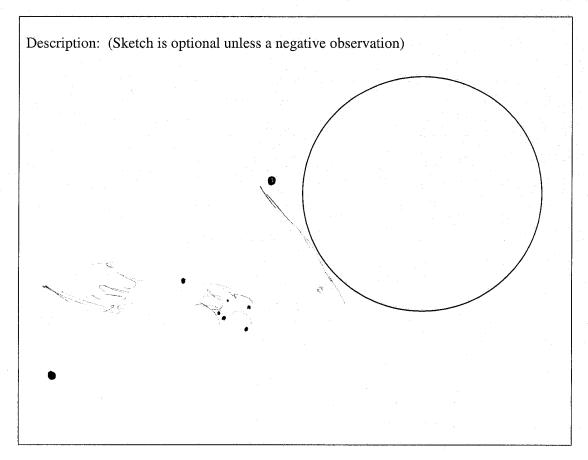
BJECT:	VADIY
	of the nebula stand out clearly from the background or factor that the point of the background of the
	
re tnere stars	s embedded in the nebula (Yes) No} How many?
	1 proph
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is the nebula a [Circle One]	a uniform glow or uneven, with bright patches or dark land
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	but has detached area by 3 stor
	malne (eox)
That is the sha	ape and size of the nebula?
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	Round, som "dad"
	and the second
low does the ne	ebula respond to different filters and magnifications?
	oos: 24mm 10mm w/2x 03 UHC WB US
	oos: 24mm 10mm w/2x 03 UHC WB US
	oos: 24mm 10mm w/2x 03 UHC WB US
	oos: 24mm 10mm w/2x 03 UHC WB US
Circle / # comb	bos: 24mm 10mm $w/2x$ 03 UHC WB US on $\bigcirc + \nabla$ \triangle Harrs $_{1}$
ircle / # comb	visible by effect vision or does it require a certed vision
s the object v	visible by exect vision or does it require a certed vision of the content of the
ircle / # comb	visible by effect vision or does it require a certed vision
ircle / # comb	visible by exect vision or does it require a certed vision of the content of the
s the object v	visible by direct vision or does it require a certed vision of the contract of
ircle / # comb	visible by exect vision or does it require a certed vision of the content of the
ircle / # comb	visible by direct vision or does it require a certed vision of the contract of
Circle / # comb	visible by direct vision or does it require a certed vision of the contract of
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ircle / # comb	visible by direct vision or does it require a certed vision of the contract of
ircle / # comb	visible by direct vision or does it require a certed vision of the contract of

Observer s Ivalite 1) / (Observer)	and the second s
Object: Vd Bt Vd B14	Location:
Date: 10/2/13	Time: 5120
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument: 2ZUC	Eyepiece & Magnification: 10 /240
Device-aided?	Filters:
Direct of Averted Vision?	Nebula Brightness:

Description: (Sketch is optional u	unless a negative observation)
NEPEAT	
	ONLY NOFILMEN, MY ONLY NOFILMEN, MY LYNONORFICE (NOT JIB 15)

What else is visible in the field (clusters, bright stars, other bright	The there stars embedded in the nebula? (Yes) No How many? Is the nebula a marrorm glow or uneven, with bright patches or dark lanes? Circle One Sircle O	OBJECT: WWW.	
Is the nebula a conform glow or uneven, with bright patches or dark lanes {Circle One} What is the shape and size of the nebula? Cond Star 'Clad' How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm Lomm w/2x 03 UHC WB US + 10 Life V Too help Is the object visible by arrect vision or does it require a exted vision? {Circle One} What else is visible in the field (clusters, bright stars, other bright	s the nebula a conform glow or uneven, with bright patches or dark lanes? Circle One nat is the shape and size of the nebula? Count Star 'Clad' ow does the nebula respond to different filters and magnifications? trcle / # combos: 24mm Tomm w/2x 03 UHC WB US + 10 filter 7 00 he (p		
Is the nebula a confrorm glow or uneven, with bright patches or dark lanes {Circle One} What is the shape and size of the nebula? Count Star 'Clad' How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm Tomm w/2x 03 UHC WB US + 10 file \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	s the nebula a conform glow or uneven, with bright patches or dark lanes? Circle One nat is the shape and size of the nebula? Count Star 'Clad' ow does the nebula respond to different filters and magnifications? trcle / # combos: 24mm Tomm w/2x 03 UHC WB US + 10 filter 7 00 he (p		
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What is the shape and size of the nebula? (Court Star Elad) How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US 10 10 10 10 10 10 10 10 10 10 10 10 10 1	and is the shape and size of the nebula? Count Some 'Elad' ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm Tomm w/2x 03 UHC WB US +no file \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Are there stars embedded in	the nebula? (Yes) No } How many?
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What is the shape and size of the nebula? Court Stor 'Clad' How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm Tomm w/2x 03 UHC WB US The filter The filter The filters and magnifications?	and is the shape and size of the nebula? Count Some 'Elad' ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm Tomm w/2x 03 UHC WB US +no file \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	·	
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How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm Lomm w/2x 03 UHC WB US +no file \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Ow does the nebula respond to different filters and magnifications? Ercle / # combos: 24mm 10mm w/2x 03 UHC WB US The filter 7 no help Is the object visible by errect vision or does it require a certed vision? Fircle One State of the object visible in the field (clusters, bright state, other bright	What is the shape and size	of the nebula?
How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm Tomm w/2x 03 UHC WB US To Circle / Too help Is the object visible by direct vision or does it require a certed vision? {Circle One} What else is visible in the field (clusters, bright stars, other bright	ow does the nebula respond to different filters and magnifications? Ircle / # combos: 24mm 10mm w/2x 03 UHC WB US +no file \ \forall \ \ \forall \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	-	
The combos: 24mm Tomm w/2x 03 UHC WB US The field (clusters, bright state, other bright	trcle / # combos: 24mm Tomm w/2x 03 UHC WB US + no file	Coth	is star claid
The combos: 24mm Tomm w/2x 03 UHC WB US +no file \(\text{V} \) \(\text{No he} \) \(\text{P} \) Is the object visible by eirect vision or does it require a certed vision? {Circle One}	trcle / # combos: 24mm Tomm w/2x 03 UHC WB US + no file		the state of the s
Is the object visible by direct vision or does it require a certed vision? {Circle One}	s the object visible by direct vision or does it require a certed vision? Circle One} at else is visible in the field (clusters, bright stars, other bright		
Is the object visible by eirect vision or does it require a certed vision? {Circle One}	s the object visible by direct vision or does it require a certed vision? Circle One} at else is visible in the field (clusters, bright stars, other bright		10- Col Tanhala
what else is visible in the field (clusters, bright stars, other bright	at else is visible in the field (clusters, bright stars, other bright		the titer VIII dip
what else is visible in the field (clusters, bright stars, other bright	at else is visible in the field (clusters, bright stars, other bright		
What else is visible in the field (clusters, bright stars, other bright	at else is visible in the field (clusters, bright stars, other bright		
What else is visible in the field (clusters, bright stars, other bright	at else is visible in the field (clusters, bright stars, other bright	Is the object visible by	rect vision or does it require averted vision?
What else is visible in the field (clusters, bright stars, other bright	at else is visible in the field (clusters, bright stars, other bright	{Circle One}	
			for other
		What else is visible in the	field (clusters, bright stars, other bright
		nebula)?	

Observer's Name Byom	in the section of the femous and the second transfer and the section and the section of the sect
Object: N 1499	Location:
Date:	Time: 5145
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument:	Eyepiece & Magnification: 24 / 100
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:



	the nebula stand out clearly from the background of fade p boundaries? {Circle One}
$\sqrt{\varrho}$	my tenuous
······································	7 (8,000)
re there stars e	mbedded in the nebula? (Yes) / No} How many?
· · · · · · · · · · · · · · · · · · ·	Acrossid - screal
s the nebula a u Circle One}	niform glow of uneven, with bright patches or dark lanes?
the second section of the sect	
hat is the shape	and size of the nebula?
	Enomors-several field & Just bardens here and there
	bade a hear 1 14 ca
	la respond to different filters and magnifications?
	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US
	la respond to different filters and magnifications?
	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US
	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US
	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US
ircle / # combos	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US
ircle / # combos s the object vis	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US
ircle / # combos	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US
ircle / # combos	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US
s the object vistoricle One	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US
s the object vis: Circle One}	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US **OPTITION** ible by direct vision or does it require averted vision?
Circle / # combos Es the object vis: Circle One	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US **OPTITION** ible by direct vision or does it require averted vision?
ircle / # combos ts the object vis Circle One}	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US **OPTITION** ible by direct vision or does it require averted vision?
ircle / # combos s the object vis Circle One}	la respond to different filters and magnifications? : 24mm 10mm w/2x 03 UHC WB US **OPTITION** ible by direct vision or does it require averted vision?

Object: "Him's	Location:
Date: 10/2/12	Time: 7:70
Seeing:	Transparency:
Darkness of site:	Moon phase: -\9
Instrument:	Eyepiece & Magnification: 0/240x
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:
Description: (Sketch is optional unless	s a negative observation)

OBJECT:	1224/222			
	f the nebula sta arp boundaries?		from the ba	ckground or fade
way without sin	arp boundaries:	(circie one)		
		· · · · · · · · · · · · · · · · · · ·		·
			\	
	embedded in the			iny:
	off to six	e-111m	· Mator	·····
· · · · · · · · · · · · · · · · · · ·				
s the nebula & Circle One	uniform glow or	uneven, with	bright patch	es or dark lane:
- in 				
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hat is the sha	pe and size of t			
	Little	fan st	6 stor	
Circle / # comb		omin w/2x 03	L'Isa L	ely-only
s the object v	isible by direct	vision or do	es it require	averted vision
Circle One}		The second secon		
	<u> </u>	بريان و در د و در المحالية و المحالية	f	
hat elge ig vi	sible in the fie	ld (alugters	bright stars	A other bright
ebula)?	SIDIE III CHE LIE	id (Clusters,	Digit stars	ocher bright
	with the state of			and the state of t
		<u> </u>		

Observer's Name B You	1 1CE TES
Object:	Location:
N 7135	OTSP
Date: 10/3/13	Time: 2:30
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument: 22	Eyepiece & Magnification: 10 / 240
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:
	e namer de la proposición de la companya de la comp La companya de la com
	Derry

OBJECT:	N 7635		<u></u>			MAKE
	edge of the nebu out sharp bounda			from the bac	kground	fade
	- in	the 15 A	LIME O	= "DAKK"	ASSHO	<i>u</i> 7
					,	
Are there	stars embedded	in the nebul	a? (Yes /	No} How mar	ıy?	
		- sever				
		· · · · · · · · · · · · · · · · · · ·				<u></u>
Is the neb	oula a uniform g ne}	low or uneve	n, with br	right patche	or dark	lanes?
	·					-
What is th	e shape and siz	e of the neb	ula?	ereturation and the desired and a second and a		
	Patch &	500+3 6	6 haze	2 sma	nlit	
	Patch & Man are	~ 10	1			
	he nebula respo		ent filter		fications?	
	DV					
	D no help) [] to.	washe	dou		
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Is the obj {Circle On	ect visible by e	direct visio	or does	it require	averted vi	sion?
				<u>**_****************</u> *_**		
What else nebula)?	is visible in t	he field (clu	usters, br	ight stars,	other bri	ght
	ν,					
					- the second second	
			· · · · · · · · · · · · · · · · · · ·			

Object: N 281	Location:
Date:	Time: 2:45
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument:	Eyepiece & Magnification: 24/10 mm 100/24
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:
Description: (Sketch is optional unle	SHOX DOES HELL
(4)	SHON DOES HELL
(4)	SHON DOES HELL
(4)	SHON DOES HELL
(4)	SHOX DOES HELL
(4)	SHON DOES HELL
BM; ms°	SHON DOES HELL

OBJECT: N28
Does the edge of the nebula stand out clearly from the background or fade away without sharp boundaries? {Circle One}
Are there stars embedded in the nebula? Yes No How many?
30r Y
Is the nebula a uniform glow or uneven, with bright patches or dark lanes? {Circle One}
see dug
What is the shape and size of the nebula?
"Crve"-see dug
How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US
help
Is the object visible by direct vision or does it require averted vision? {Circle One}
What else is visible in the field (clusters, bright stars, other bright nebula)?
A sex me patch, NB=5

Object: 1c 59 Year Nebs 1c 63	Location:	
Date:	Time: 3:20	
eeing: 10/3/13	Transparency:	
tering.	T-	
Parkness of site:	Moon phase:	
nstrument:		
224	Magnification: 24/100 & 10/240	
Device-aided?	Filters:	
Direct or Averted Vision?	Nebula Brightness:	
	NOTE! SHIZIBS SHOVEDS INFO FOR SHORE OF THE	(7
and the second s	NOTE! SA	<u> </u>
Description: (Sketch is optional unles	s a negative observation) 5 Hover Occ IN FLO	ma
escription. (Sketch is optional unles	s a negative observation)	oADS
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		15 596 c63
		1063 m15
		c63
		c63
		1663 m ¹⁵
		1063 1015
		c63

OBJECT:	1059+63
Does the edge away without s	of the nebula stand out clearly from the background or fade sharp boundaries? {Circle One}
Are there star	es embedded in the nebula? {Yes / No) How many?
	Y Cas 13 separated from them
Is the nebula {Circle One}	a uniform glow or uneven, with bright patches or dark lanes?
What is the sh	nape and size of the nebula?
· · · · · · · · · · · · · · · · · · ·	One 13 D, orher oral
How does the n	mebula respond to different filters and magnifications? mbos: 24mm 10mm w/2x O3 UHC WB US
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	It 10 year
To the object	DOUSE
{Circle One}	visible by direct vision or does it require averted vision?
<u></u>	
What also da	
what else is v nebula)?	isible in the field (clusters, bright stars, other bright
N.	en e

Census seg Textures

The THREE FISTERS MATER LOUMON OF

Bright Nebulae Observing Program Log

MOUNT FROM envine somess.

Observer's Name B 70 MC	
Object: Sh 2-183	Location: O—T
Date: 10/3/13	Time: 3:40 UT
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument:	Eyepiece & Magnification: 24 /100x
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:

OBJECT: Sh	2-183	
	nebula stand out clearly from the background oundaries? {Circle One}	or (ade)
		
Are there stars embedd	ded in the nebula? {Yes (No) How many?	
Is the nebula a dnifor {Circle One}	rm glow or uneven, with bright patches or dark	c lanes?
What is the shape and	aire of the reluited	
What is the shape and		
A	marphas donall	<u></u>
· .		
How does the nebula re Circle / # combos:	espond to different filters and magnifications 24mm 10mm w/2x O3 UHC WB US	s?
	Tookm for filters or power	
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Ta the chiest wields		\
{Circle One}	by direct vision or does it require averted v	/iszon?
What else is visible i nebula)?	in the field (clusters, bright stars, other br	right
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Observer's Name B 7000	
Object: 1C 348	Location:
Date: 10/3/13	Time: 4120
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument:	Eyepiece & Magnification: 1024 240x/100x
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:

OBJECT:	1C348	<u> </u>	
	he nebula stand out con boundaries? {Circle (ckground or fade
are there stars en	bedded in the nebula?		
	Ma	menton he	as nlo
···	Domportion h	1, 1	
s the nebula a ur Circle One}	iform glow or uneven,		
			
_	and size of the nebula		
	Swaning the	stors - an	orphas
Circle / # combos:	24mm 10mm w/23	c O3 UHC WB	US
			to a control of the c
s the object visi	ble by direct vision	or does it require	averted vision?
What else is visik nebula)?	le in the field clust	ers beight stars	, other bright
	·		
· · · · · · · · · · · · · · · · · · ·			
		-1, -	

Veryky FISTERS MATER PROTO FROM ONLINE

Observer's Name B 70 W/	
Object: Sh 7-210	Location:
Date: 10/3/13	Time: 5:00
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument: 22 UC	Eyepiece & Magnification: 0/240 x
Device-aided? 7	Filters: None Here
Direct or Averted Vision?	Nebula Brightness: 5

the edge of the nebula stand out clearly from the background of fade way without sharp boundaries? {Circle One} The there stars embedded in the nebula? {Yes No) How many? The the nebula a uniform glow or uneven, with bright patches or dark lanes Circle One} The star shape and size of the nebula? Slight hook The word one the nebula respond to different filters and magnifications? incle / # combos: 24mm lpmm w/2x 03 UHC WB US None help Starte One} The object visible by direct vision or does it require (verted vision)? The content of the property	OBJECT:	54 7-210
s the nebula a uniform glow or uneven, with bright patches or dark lanes circle One} that is the shape and size of the nebula? Slight hook ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm 1 mm w/2x 03 UHC WB US None help s the object visible by direct vision or does it require averted vision? Circle One}		
s the nebula a uniform glow or uneven, with bright patches or dark lanes circle One} that is the shape and size of the nebula? Slight hook ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm 1 mm w/2x 03 UHC WB US None help s the object visible by direct vision or does it require averted vision? Circle One}		
s the nebula a uniform glow or uneven, with bright patches or dark lanes circle One} that is the shape and size of the nebula? Slight hook ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm 1 mm w/2x 03 UHC WB US None help s the object visible by direct vision or does it require averted vision? Circle One}		
the nebula a uniform glow or uneven, with bright patches or dark lanes circle One) that is the shape and size of the nebula? Slight hook ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm 1 mm w/2x 03 UHC WB US None help s the object visible by direct vision or does it require averted vision? Circle One)	re there stars	embedded in the nebula? {Yes (No) How many?
nat is the shape and size of the nebula? Slight hook ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm 1 mm w/2x 03 UHC WB US None help s the object visible by direct vision or does it require averted vision? Circle One)		uniform glow or uneven, with bright patches or dark lanes
ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm 10mm w/2x 03 UHC WB US Some help Some h	Circle One}	indom
ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm 10mm w/2x 03 UHC WB US Some help Some h		
ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm 10mm w/2x 03 UHC WB US Some help so the object visible by direct vision or does it require everted vision? Circle One hat else is visible in the field (clusters, bright stars, other bright	That is the shap	pe and size of the nebula?
ow does the nebula respond to different filters and magnifications? ircle / # combos: 24mm 10mm w/2x 03 UHC WB US Some help so the object visible by direct vision or does it require everted vision? Circle One hat else is visible in the field (clusters, bright stars, other bright		Slight hook
Some help w/2x 03 UHC WB US None help Some the object visible by direct vision or does it require averted vision? Circle One The object visible in the field (clusters, bright stars, other bright)		
Circle One} nat else is visible in the field (clusters, bright stars, other bright		os: 24mm 10mm w/2x O3 UHC WB US
Circle One} nat else is visible in the field (clusters, bright stars, other bright		
Circle One} nat else is visible in the field (clusters, bright stars, other bright		
nat else is visible in the field (clusters, bright stars, other bright		isible by direct vision or does it require averted vision?
	,	
No	hat else is vis ebula)?	sible in the field (clusters, bright stars, other bright
		No

REPEAS L BETTER Bright Nebulae Observing Program Log

ALSO COSCHAL e413 #173

B. Young Observer's Name____

The state of the s	I was the same of
Object: \ \	Location:
SEMIK357 (ANB 111 L 119)	0-7
Date:	Time:
9/30/13	4:15
Seeing:	Transparency:
1	
Darkness of site:	Moon phase:
B+1	
Instrument:	Eyepiece &
12 UC	Magnification: 24 / loo
Device-aided?	Filters:
the state of the s	Nort 13 0836
Direct or Averted Vision?	Nebula Brightness:
	7 4

Description: (Sketch is	optional unless a negative observation)
	0°2
	663

OBJECT: WB 111/119
Does the edge of the nebula stand out clearly from the background or fade away without sharp boundaries? {Circle One}
"Arms" do - "b16" of propellors
less clearly
Are there stars embedded in the nebula? {Yes / No} How many?
Is the nebula a uniform glow or uneven, with bright patches or dark lanes? {Circle One}
What is the shape and size of the nebula? Long Sunny Propellor How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US
Utc grovent our 3 Britist Parants (BP ALSO VINGE W/O RIVER)
POWER HELPS TRACE W/FILTER FOR CONTAINS, BUT ONLY IR YOU'VE FORMENT W/ WAS FI
Is the object visible by direct vision or does it require averted vision? {Circle One}
What else is visible in the field (clusters, bright stars, other bright nebula)?
milky Way

HERSCHEL OBSERVATIONS

COTHET 130N		SITE 0 —T	SEEING T	TRANS	
ist La	/ ·. \	INSTR Z2"UC	EYEPIECE	POWER 240	
		HEAD TILTED	ग्रु धाः	?	
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0/30 VT					
Sh 2-143		STE O T	SEEING	TRANS	
ST .	/ · · · \	INSTR COMMENTS	EYEPIECE . 24	POWER 100	BN
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150		SITE	SEEING	TRANS	
1150 M33	V	SITE	SEEING EYEPIECE	TRANS POWER	
1150 M33		INSTR	EYEPIECE	POWER	Go
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1/50 - M33 st		INSTR COMMENTS XVSRAL HII VACC GP, 2+3'S SITE INSTR COMMENTS	EYEPTECE	POWER	
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John Marin NOT HERSCHEL OBSERVATIONS WN275 (ala ARP 140) SEEING -ACT 22 UC HAPPENED ON GROVE COMMETED - 275 DIMMER Front ANAY know 10/11/13 273 only NC Scent 1 GV035-20 T NO N273 6200 6 DOTAL 5105 oure-tex EYEPIECE 2 POWER Cef ZZVC 100 ROMO W NOTES - NO DETAILS! 9/28/13 8:30 SERING TRANS OUTEX EYEPIECE POWER ZZVC From NOVES - NO COMPANIONS MCE nows CAL WITH NUC STEN WELL ACT IC 349 2ZUC CONST EYEPIECE FOR COMPANION- BET MULL CONTINST THAN ONLY MONSE 10/11/13 TEME MIN AJERAMPUT-THESE 6100 MU AMORPHOUS (MEMORE)

B yount

Observer's Name____

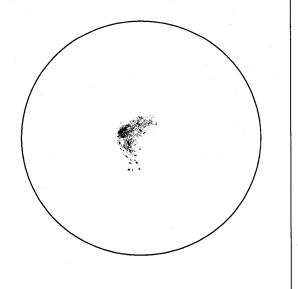
Direct or Averted Vision?

Object: NOVA Re 1901	Location: Acr
Date: 10/25/13	Time: 3 '40 4
Seeing:	Transparency:
Darkness of site:	Moon phase: 200 (not up)
Instrument: 27UC	Eyepiece & Magnification: 19/240
Device-aided?	Filters:

Nebula Brightness:

OBJECT: New Per 1901
Does the edge of the nebula stand out clearly from the background or fade away without sharp boundaries? {Circle One}
Are there stars embedded in the nebula? (Yes)/No} How many? $O \sim 13 \alpha$
Is the nebula a uniform glow or dneven with bright patches or dark lanes? {Circle One}
2 smll dom EN comb
What is the shape and size of the nebula?
2 cwls
en frankriger. Die kommende van die gewonde van die gewonde van die kommende van die gewonde van die gewonde van die gewonde
How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US
No Elder helps-toolm
<u></u>
Is the object visible by direct vision or does it require averted vision (Circle One)
What else is visible in the field (clusters, bright stars, other bright nebula)?
No

Observer's Name B Yow	}
Object: N 1624	Location: ACT
Date: 10/25/13	Time: 4:35 J
Seeing:	Transparency:
Darkness of site: B+4.5	Moon phase: 200 (5/st 13 mg)
Instrument:	Eveniege &
27,00	Magnification: 10/240
Device-aided?	Filters: NONE S BEST
Direct of Averted Vision?	Nebula Brightness:



OBJECT: N1624	
Does the edge of the nebula stand out clearly from the background away without sharp boundaries? {Circle One}	or fade
Are there stars embedded in the nebula? {Yes / No} How many? Mes chike of ~ Zo	
Is the nebula a uniform glow or uneven, with bright patches or dar {Circle One}	
What is the shape and size of the nebula? Trangle like chire	
How does the nebula respond to different filters and magnification Circle / # combos: 24mm Tomm w/2x O3 UHC WB US	.s?
□ too anall △&∇ brighten at tip	putch but love
the res	
Is the object visible by direct vision or does it require averted {Circle One}	vision?
What else is visible in the field (clusters, bright stars, other knebula)?	oright
No -blank area m No Persevi	

Observer's Name B yowk	
Object: C Y O Y	Location: A-CT
Date: 10/25/13	Time: 4150 VT
Seeing:	Transparency:
Darkness of site:	Moon phase: 200
Instrument: 2ZUC	Eyepiece & Magnification: 10/2Mo
Device-aided?	Filters: VHC BF3/
Direct or Averted Vision?	Nebula Brightness:

at is the shape and size of the nebula? Classify of the nebula? Classify of the nebula? Classify of the nebula? Classify of the nebula respond to different filters and magnifications? rcle / # combos: 24mm 10mm w/2x 03 UHC WB US The object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require every extent of the object visible by direct vision or does it require extent of the object visible by direct vision or does it require extent of the object visible by direct vision or does it require extent of the object vision or does it require extent of the object vision or does it require extent of the object vision or does it require extent of the object vision or does it require extent of the object vision or does it require extent of the object vision or does it require extent of the object vision or does it require extent of the object vision or does it require extent of the object vision or does it require extent of the object vision or does it require extent of the object vision or does it require extent of the object vision or does it require extent of the object vision or does it require extent of the object	BJECT:	10 405			-
Except can tell "dark" Me as penciled M - no rebila Wree 4 fs dar e there stars embedded in the nebula? (Yes) No} How many? 3 or Y the nebula a uniform glow or (uneven) with bright patches or dark lanes? ircle One} Arand Sing at is the shape and size of the nebula? Cland on 1 through w does the nebula respond to different filters and magnifications? rcle / # combos: 24mm 10mm w/2x 03 UHC WB US 1 the object visible by direct vision or does it require averted rision circle One} You want tee anything except eman at else is visible in the field (clusters, bright stars, other bright abula)?				ne background of fa	ade
the nebula a uniform glow or uneven with bright patches or dark lanes? ircle One Arand Sang at is the shape and size of the nebula? Closed on Store) w does the nebula respond to different filters and magnifications? rcle / # combos: 24mm 10mm w/2x 03 UHC WB US Tower helps the object visible by direct vision or does it require averted vision fircle One Var work the arything except eman at else is visible in the field (clusters, bright stars, other bright stars)				le" Inc	
the nebula a uniform glow or uneven with bright patches or dark lanes? ircle One Arand Sang at is the shape and size of the nebula? Closed on Store) w does the nebula respond to different filters and magnifications? rcle / # combos: 24mm 10mm w/2x 03 UHC WB US Tower helps the object visible by direct vision or does it require averted vision fircle One Var work the arything except eman at else is visible in the field (clusters, bright stars, other bright stars)		XCEPT CAN	tell our	w/ w/	_
the nebula a uniform glow or uneven with bright patches or dark lanes? ircle One Arand Sang at is the shape and size of the nebula? Closed on Store) w does the nebula respond to different filters and magnifications? rcle / # combos: 24mm 10mm w/2x 03 UHC WB US Tower helps the object visible by direct vision or does it require averted vision fircle One Var work the arything except eman at else is visible in the field (clusters, bright stars, other bright stars)	as	penciled M-	no rebila	W/The 4 HS O	(nh
the nebula a uniform glow or uneven with bright patches or dark lanes? Archistory at is the shape and size of the nebula? Clardian it is the shape and size of the nebula? Clardian it is the shape and size of the nebula? We does the nebula respond to different filters and magnifications? recle / # combos: 24mm 10mm w/2x 03 UHC WB US Tower helps The the object visible by direct vision or does it require verted vision with the companion of the start of the companion of the start of the sta	are there stars e	mbedded in the neb	ula? (Yes) No} Ho	ow many?	
at is the shape and size of the nebula? Clord on ftw () w does the nebula respond to different filters and magnifications? rcle / # combos: 24mm 10mm w/2x 03 UHC WB US The start of the shape and size of the nebula? The start of the shape and size of the nebula? The start of the shape and size of the nebula? The start of the shape and size of the nebula? The start of the shape and size of the nebula?		·	300 Y		
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at is the shape and size of the nebula? Clords on stores We does the nebula respond to different filters and magnifications? rele / # combos: 24mm 10mm w/2x 03 UHC WB US Tower helps I the object visible by direct vision or does it require verted vision or doe	Is the nebula a u [Circle One]	niform glow or une	ven, with bright p	patches or dark lan	nes?
at is the shape and size of the nebula? Clarks on start is the shape and size of the nebula? Clarks on start is the shape and size of the nebula? We does the nebula respond to different filters and magnifications? rcle / # combos: 24mm 10mm w/2x 03 UHC WB US D3 netw yeard as UHC Cover helps It the object visible by direct vision or does it require everted vision? Sircle One? You want see anything except eman at else is visible in the field (clusters, bright stars, other bright sbula)?	,	Arand son	٦		
w does the nebula respond to different filters and magnifications? rcle / # combos: 24mm 10mm w/2x 03 UHC WB US D + V best O3 net 1 good as UHC Cover helps the object visible by direct vision or does it require everted vision? ircle One} Vor number anything exceptement that else is visible in the field (clusters, bright stars, other bright except)?		13 100190 3070	<i></i>		
w does the nebula respond to different filters and magnifications? rcle / # combos: 24mm 10mm w/2x 03 UHC WB US D + V best O3 net 1 good as UHC Cover helps the object visible by direct vision or does it require everted vision? ircle One} Vor number anything exceptement that else is visible in the field (clusters, bright stars, other bright except)?					
w does the nebula respond to different filters and magnifications? rcle / # combos: 24mm 10mm w/2x 03 UHC WB US O3 not a good as UHC over helps the object visible by direct vision or does it require averted vision or does it require averte	What is the shape	and size of the ne	ebula?		
w does the nebula respond to different filters and magnifications? rcle / # combos: 24mm 10mm w/2x 03 UHC WB US O3 not a good as UHC over helps the object visible by direct vision or does it require averted vision or does it require averte		Clarkson	2 stor (s)		
the object visible by direct vision or does it require everted vision. Sircle One You want see mything except eman at else is visible in the field (clusters, bright stars, other bright ebula)?					
nat else is visible in the field (clusters, bright stars, other bright sbula)?	Circle / # combos	03	+ 7 best not a good a wer helps	s UHe	
nat else is visible in the field (clusters, bright stars, other bright bula)?	Is the object vis {Circle One}	ible by direct vis	ion or does it re	quire averted visi	ony
ebula)?		You won't	ce anything	exceptem	an S
N.	What else is visi nebula)?	ble in the field (clusters, bright	stars, other brigh	
		N .			
	, and a second s				

Observer's Name Byowt	
Object: 1 7000 + 10 5067-68, 70	Location: ACT
Date: 11/2/13	Time: 3:05 V
Seeing:	Transparency:
Darkness of site: 6+4.5	Moon phase:
Instrument: 20x 30	Eyepiece & Magnification: BINOC 5
Device-aided?	Filters: None
Direct or Averted Vision?	Nebula Brightness: こと3

		,

DBJECT: 1C 5067-68,70 + N 7000	
Does the edge of the nebula stand out clearly from the background or fade away without sharp boundaries? {Circle One}	
Are there stars embedded in the nebula? (Yes) / No} How many?	
Oluster-like group in N.A. rebula, Pelizan is rather star poer	
s the nebula a uniform glow or uneven, with bright patches or dark lanes)	
{Circle One}	
"Gulf of Mexico" sounds of	
That is the shape and size of the nebula?	
N7000 = N.A. continent esp. East Coast	
Petican is more like a fant bar w/ some road in un	est
How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US	
No filters u/binocs	
Used low power in 22" but, as always with other	
No filters of binocs Used low power m 22" but, as always with other Scopes, the view is best in binocs, or, for N7000, lx w	
Size Direct vision of does it require averted vision? {Circle One}	2-12
What else is visible in the field (clusters, bright stars, other bright nebula)?	
Denes, bright Milky Way	

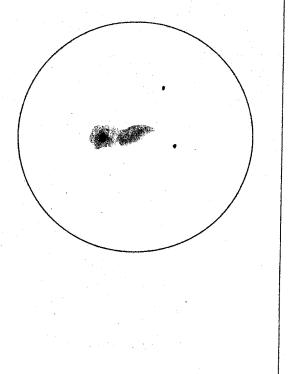
Observer's Name_	C,	Your	
Observer's Name_	<u>U,</u>	10006	

Object: N 6820	Location: ACT
Date: 11/8/13	Time: 3:20
Seeing:	Transparency: II - (h: ice)
Darkness of site:	Moon phase: 40 (low)
Instrument: 2700	Eyepiece & Magnification: 24110 100 x/240x
Device-aided?	Filters:
Oirect or Averted Vision?	Nebula Brightness:

OBJECT: N6470	**************************************
Does the edge of the nebula stand out clearly from the backgroun away without sharp boundaries? {Circle One}	nd or (fade)
Are there stars embedded in the nebula? (Yes) No} How many? Ye, ~50 m ~ noce duster	
Is the nebula a uniform glow or uneven, with bright patches or of {Circle One}	dark lanes?
What is the shape and size of the nebula? Rownh + Jern swanting area	phorsgla
How does the nebula respond to different filters and magnificate Circle / $\#$ combos: 24mm 10mm $\#$ w/2x 03 $\#$ US	ions?
I+V ben	
Is the object visible by direct vision or does it require averte {Circle One}	ed vision?
What else is visible in the field clusters bright stars, other nebula)?	r bright

Observer's Name B. 40W	,
------------------------	---

Object: N 7023	Location: ACT
Date: 11/8/13	Time: 4:00 4
Seeing:	Transparency: (hi ize)
Darkness of site:	Moon phase:
Instrument: 22 VC	Eyepiece & Magnification:
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:



OBJECT: N 7023	
Does the edge of the nebula stand out clearly from the backgroun away without sharp boundaries? {Circle One}	d or fade
Are there stars embedded in the nebula (Yes No) How many?	
Is the nebula a uniform glow or uneven, with bright patches or d {Circle One} Seguntion between 2 lage properties of the patches or described between 2 lage properties of the patches or described between 2 lage properties of the patches or described between 2 lage properties of the patches or described between 2 lage properties of the patches or described between 2 lage properties of the patches or described between 2 lage properties of the patches or described by the patches of the pa	
What is the shape and size of the nebula? Usual "Clash" wand bright some + almost frostball shape another prece	nl/
How does the nebula respond to different filters and magnification of the combos: 24mm 10mm w/2x 03 UHC WB US	
1 best Vjustums A	
Is the object visible by direct vision or does it require averted {Circle One}	l vision?
What else is visible in the field (clusters, bright stars other nebula)?	bright

Object: 1C 353	Location:
Date: 11/28/13	Time: 2105 15
Seeing:	Transparency:
Darkness of site: B44.5	Moon phase:
Instrument: 22"VZ	Eyepiece & Magnification: Qnn = 240x
Device-aided?	Filters: VHC best
Direct or Averted Vision?	Nebula Brightness:

OBJECT:	16353
Does the edge of away without sha	the nebula stand out clearly from the background or fade rp boundaries? {Circle One}
Are there stars of	embedded in the nebula? {Yes No} How many?
Is the nebula a u {Circle One}	uniform glow or uneven, with bright patches or dark lanes?
What is the shape	e and size of the nebula?
	Amorphous/slightly arred
How does the nebu Circle / # combos	ula respond to different filters and magnifications? s: 24mm 10mm w/2x O3 UHC WB US
	VHC helps 2 bit DDA P D+ V best
Is the object vis [Circle One]	sible by direct vision or does it require averted vision?
What else is visi	ble in the field (clusters, bright stars) other bright
	NO SIEN OF OFTEN 1C
*	

Observer's Name 5. 70000	
Object: NIS79	Location: ACT
Date: 11/28/13	Time: 21254
Seeing:	Transparency:
Darkness of site: 8 + 4,5	Moon phase:
Instrument: 22"UC	Eyepiece & Magnification: Omn = 2 Yox
Device-aided?	Filters: None -Utc hurs
Direct or Averted Vision?	Nebula Brightness:

OBJECT:	N 15 79
Does the edge away without	e of the nebula stand out clearly from the background or fade sharp boundaries? {Circle One} CXCept extension
	except extension towards brightest fis.
Are there sta	rs embedded in the nebula? {Yes / No} How many?
Is the nebula {Circle One}	a uniform glow or wheven with bright patches or dark lanes?
	hape and size of the nebula?
How does the	Arc shape w/3 pieces, set aside by 2 notehes I very evident other subtle nebula respond to different filters and magnifications?
Circle / # cor	D, filters dom too much
Is the object {Circle One}	visible by direct vision or does it require averted vision?
What else is v	risible in the field (clusters, bright stars, other bright
	A few F.s.

Observer's Name B, YOUNG	· .
Object: N 1990	Location: ACT
Date: 11/28/13	Time: 4115
Seeing:	Transparency:
Darkness of site: B+4.5	Moon phase:
Instrument: 22" U C	Eyepiece & Magnification: 24 = 100 X
Device-aided?	Filters:
Direct or Averted Vision?	Nebula Brightness:

Description: (Sketch is optional	unless a negative observation)
overall	
• €	
	·

OBJECT: N19	90	
Does the edge of taway without sharp	the nebula stand out clearly from the background p boundaries? {Circle One}	or fade
Are there stars em	mbedded in the nebula? (Yes No How many?	
	DOZENS - ESP. E or and a I me	
- 14	of 4 to SSE.	
Is the nebula a un: {Circle One}	niform glow or oneven, with bright patches or da	rk lanes?
Ven	able by seen to be alia	ned
and	extended as shown at "over	~(("
	and size of the nebula?	
-	·	.)
	extension and elegation	
	a respond to different filters and magnification	
	D - no hope Filters	
	ble by direct vision or does it require averted	vision?
{Circle One}		
		· · · · · · · · · · · · · · · · · · ·
What else is visibl	le in the field (clusters, bright stars, other k	oriaht
nebula)?	Eon'	7119110

Observer's Name S 40006	
Object: N 2068/71(M 78)	Location:
Date: 1/28/13	Time: 4:45
Seeing:	Transparency:
Darkness of site:	Moon phase:
Instrument: 22 UC	Eyepiece & Magnification: lo mm = 240x
Device-aided?	Filters: NONE BEST
Direct or Averted Vision?	Nebula Brightness:

OBJECT: N 2068 (M78)
Does the edge of the nebula stand out clearly from the background or fade away without sharp boundaries? {Circle One}
Are there stars embedded in the nebula? (Yes) No} How many?
Is the nebula a uniform glow or uneven, with bright patches or dark lanes? No side very dismost
What is the shape and size of the nebula?
What is the shape and size of the nebula?
Med street curl of glow set off & indented by down neb
indented by duch neb
How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x 03 UHC WB US
1 no filters helped
Is the object visible by direct vision or does it require averted vision? {Circle One}
What else is visible in the field (clusters, bright stars, other bright nebula)?
The dark relate

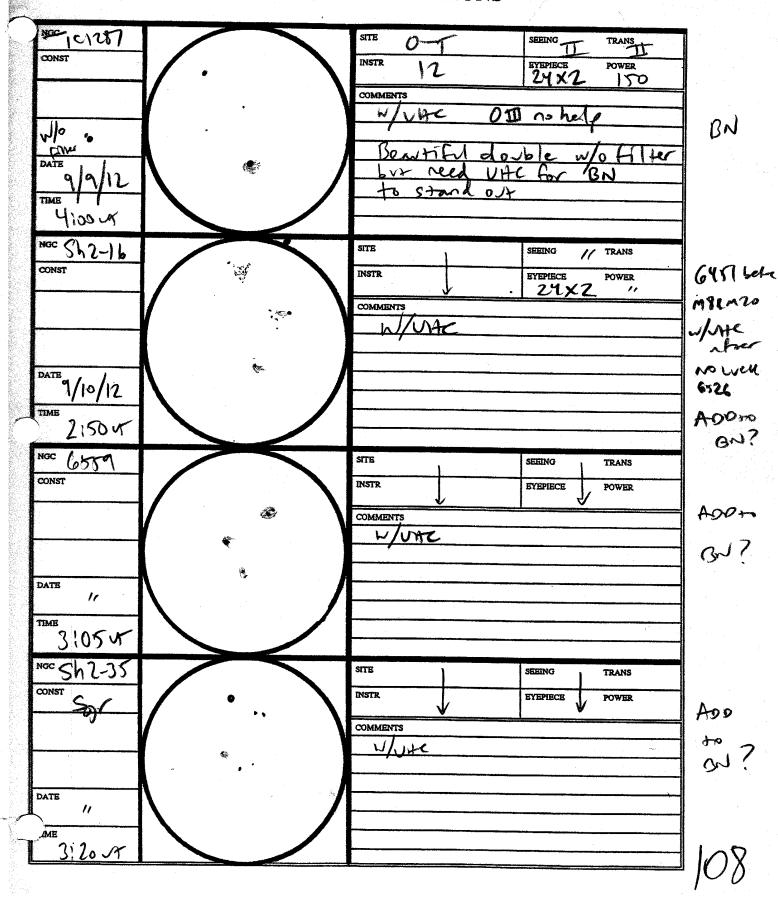
Observer s Ivanic 15 / Octob	
Object: N 2064	Location: ACT
Date: 11/28/13	Time: 5:10
Seeing:	Transparency:
Darkness of site: B+4,5	Moon phase:
Instrument: 22 UC	Eyepiece & Magnification: $10 \text{ mm} = 240 \text{ x}$
Device-aided?	Filters:
Direct of Averted Vision?	Nebula Brightness:

Description: (Sketch is optional unless a negative observation)

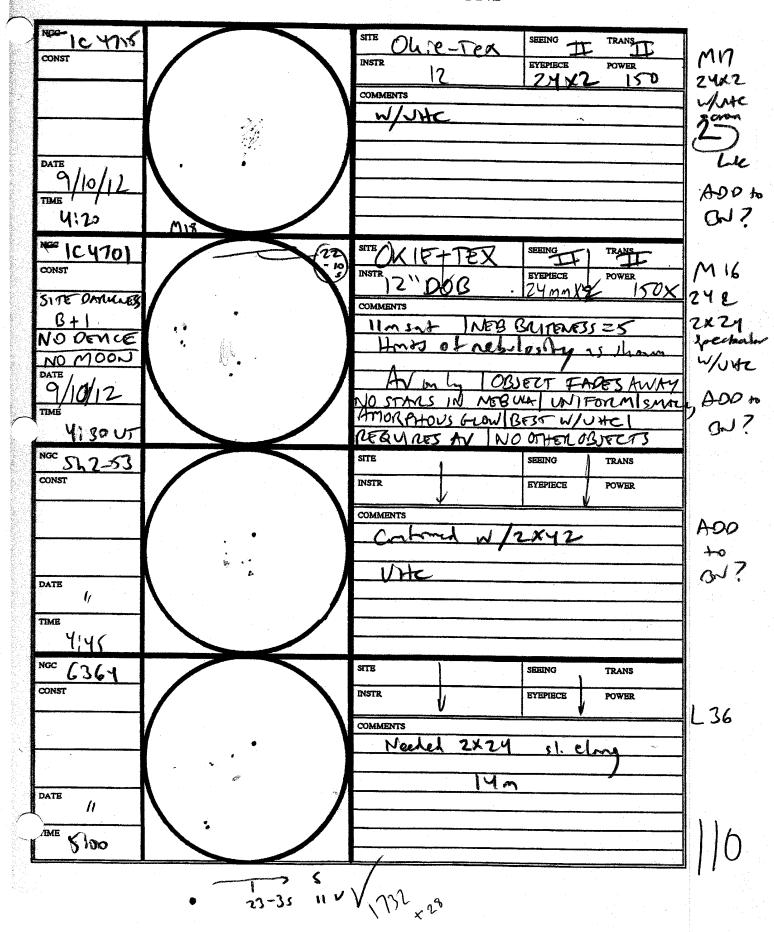
OBJECT: N2064
Does the edge of the nebula stand out clearly from the background or fade away without sharp boundaries? {Circle One}
Are there stars embedded in the nebula? (Yes) / No} How many?
2 mh+ m it
Is the nebula a whiform glow or uneven, with bright patches or dark lanes? {Circle One}
What is the shape and size of the nebula? Small, one orctoit
How does the nebula respond to different filters and magnifications? Circle / # combos: 24mm 10mm w/2x O3 UHC WB US
No filter helps
Is the object visible by direct vision or does it require averted vision? {Circle One}
What else is visible in the field (clusters, bright stars, other bright nebula)?
N _o

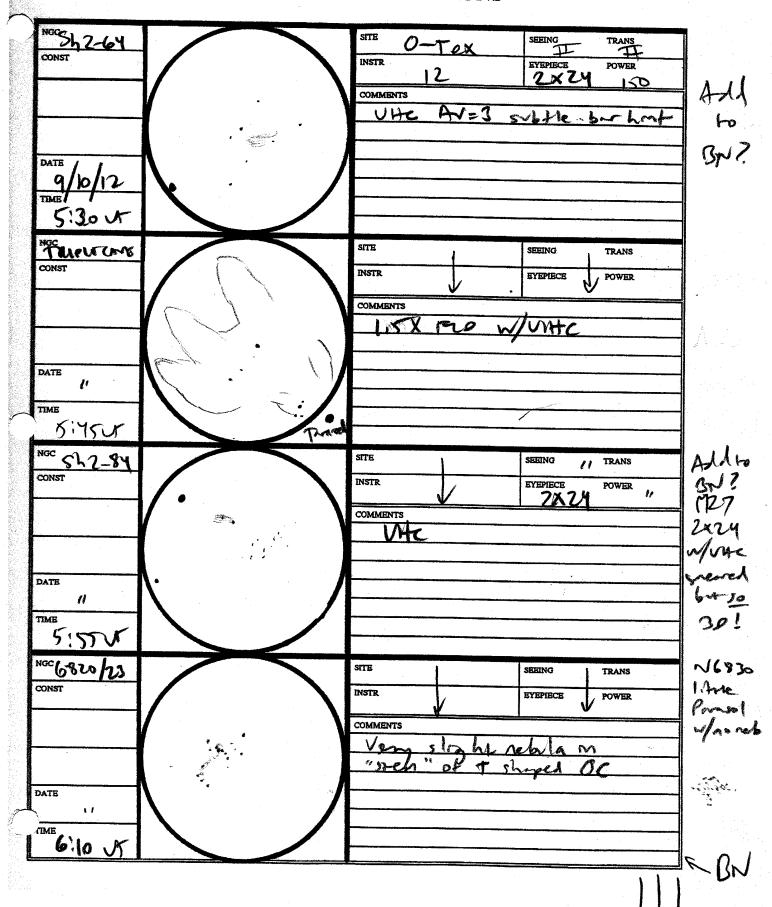
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10 1318	Observing Log Object type: Nebula
Object ID: Cy A	
Const.:	Observer B Yang
RA: Dec.:	Date 9/10/12
• Mag: Size:	Time 7:00 UT
Crylia	0043 Location Objected
6910	Instrument 2
Y , j	Instrument 12
46	Size 12
	Eyepiece
Pend	Field of view Power
	irect vision or is averted vision required?
• Can this nebula be seen with d	irect vision, or is averted vision required?
Is there an overall shape of the	object or is it simply drregular?
	f the nebula sharply defined? A show
• Is any part of the nebula brigh	ter or more concentrated? ~o
• Is there any particular area wh	nere you notice an absence of stars in this cluster?
Are there any voids or dark pa	tches, or lanes in the nebula? Any bright filaments or streamers? 🗸
Is there an onen cluster nearly	y or involved or any obvious stars involved with this nebula?
<u>-</u>	(a)
Any suggestions for observing	this nebula (I.e. filter, power, field of view, etc.)?
• Are there any other deep-sky of	objects in the same field of view? If so, what? Each 3 hours
Description	
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(1999 Cole & Prait)	4 112
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	1- /4-16-1	Object type: Nebula
Object ID:	105146	
Const.:		Observer B Yowl
RA:	Dec.:	Date 9/10/12
· Mag:	Size:	Time 7:40 vs
		Location OTEX
		Seeing TI Transparency II
	6 .	Instrument XT-12
	•	Size 12
		Eyepiece 24
		Field of view Power 75×
		N VHC
	• "1.4"	
• Can this n	ehula he seen with dir	ect vision, or is averted vision required?
	,	
• Is there an	overall shape of the o	bject or is it simply irregular?
• Is any part	t of the outer edge of t	he nebula sharply defined? 🖊
• Is any par	t of the nebula brighte	er or more concentrated? As shown
• To there an	ıv narticular area whe	re you notice an absence of stars in this cluster? In hole
		ches, or lanes in the nebula? Any bright filaments or streamers?
• Is there an	ı open cluster nearby o	or involved or any obvious stars involved with this nebula?
Any sugge	estions for observing th	nis nebula (I.e. filter, power, field of view, etc.)? ZXZY no help
		ejects in the same field of view? If so, what?
- Are there		
Description _	Long	Som N7207, OC
	Fank	5m N7207,00
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(1999 Cole & Prait)		117

Observing Log Object type: Nebula

Object ID: Sh 2-157 W /7<10	
Const.: Cep/Cas	Observer B Young
RA: Dec.:	Date 9/10/12
Mag: Şize:	Time8:00
	Location Ouse Tex
	Seeing Transparency T
1 1 1 1 1 1 1 1 1 1	Instrument XT-17
	Size \2
	Eyepiece 24
	Field of view Power
	W/UHC

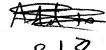
	1/10
• Can this nebula be seen with direct vision, o	r is averted vision required?
Is there an overall shape of the object or is it.	t simply irregular? Fragers as shown
Is any part of the outer edge of the nebula si	harply defined? A I & new cluster
Is any part of the nebula brighter or more common com	
	•
Is there any particular area where you notice Transport Tra	ea ·
Are there any voids or dark patches, or lane	s in the nebula? Any bright filaments or streamers?
Is there an open cluster nearby or involved	or any obvious stars involved with this nebula?
Any suggestions for observing this nebula (I	Le filter, power, field of view, etc.)? Dank 5 kg
Are there any other deep-sky objects in the	same field of view? If so, what? Ye, , have
Description.	
Seart throu	
(1999 Cole & Prait)	114
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Observing Log Object type: Nebula

W/Czernik 43 BN

Object ID: <u>N 7635</u>	
Const.: Cas	Observer B Your
RA: Dec.:	$\sim 1 \cdot l$
Mag: Size:	Time 3100 UT
	Location Ohie-Tex
	Seeing Transparency T
	Instrument $\chi \tau - 12$
	Size 12
	Eyepiece 2x24
	Field of view Power
	VHC
	ect vision, or is averted vision required?
• Is there an overall shape of the o	object or is it simply irregular? Parial Acc
 Is any part of the outer edge of t 	the nebula sharply defined? Franky
 Is any part of the nebula brighte 	er or more concentrated? More would some, esp. Won
Is there any particular area whe	ere you notice an absence of stars in this cluster?
	ches, or lanes in the nebula? Any bright filaments or streamers? Moddle
	is emph
	or involved or any obvious stars involved with this nebula?
 Any suggestions for observing the 	his nebula (I.e. filter power) field of view, etc.)?
• Are there any other deep-sky ob	ojects in the same field of view? If so, what?
Description MS2 M	Lili freld
(1999 Cole & Prait)	nik 115
^ .	11)
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Observing Log Object type: Nebula



BN 2 Object ID: 1C1470 Observer B Yowk Const.: _____ Date 9/11/12 Dec.: · Mag: Size: Location Objected DAME=B+1 Transparency II Seeing Instrument XT-12 Eyepiece 2×24 Power 150x Field of view _____ FILTER = UHC [] NO DEMCE/NO MOON/NEBBUTENESS = 4 Can this nebula be seen with direct vision, or is averted vision required? Is there an overall shape of the object or is it simply irregular? Parely 14 Is any part of the outer edge of the nebula sharply defined? No Is any part of the nebula brighter or more concentrated? As shown [3] Is there any particular area where you notice an absence of stars in this cluster? Are there any voids or dark patches, or lanes in the nebula? Any bright filaments or streamers? N/A Is there an open cluster nearby or involved or any obvious stars involved with this nebula? 7570 person Any suggestions for observing this nebula (I.e. filter, power, field of view, etc.)? Any less less Are there any other deep-sky objects in the same field of view? If so, what? 7570 rear by 17 Description

(1999 Cole & Pratt)

•	Object type: Nebula
Object ID: N 7538	
Const.:	Observer B. YOUL
RA: Dec.:	*
Mag: Size:	, ,
	Location Dure - Tex DANGE B+1
	Seeing Transparency T
	Instrument XT-12
	Size \2
unifo.	Eyepiece 2x24
	Field of view Power 50
	FLURENZUHC DINEB BRITE = 3
	NO DEMCE PIRECTUSION NO MOON
 Is any part of the outer edge of the Is any part of the nebula brighter or 	nebula sharply defined? Yes Tomber more concentrated? No speets even you notice an absence of stars in this cluster?
• •	s, or lanes in the nebula? Any bright filaments or streamers?
Is there an open cluster nearby or in	nvolved or any obvious stars involved with this nebula? 2 =25+
	nebula (I.e. filter, power) field of view, etc.)? Lake sky
	ts in the same field of view? If so, what? No 7
Description UHe defin	Nely improves shorpness
(1999 Cole & Pratt)	

Objec		serving Log ct type: Nebula	Bov
	:Cen	Observer B, Your	
	Dec.:		
	Size:	Time 3:50 UT	
		Location Ohie Tex	DARU=B+1
		Seeing Transparency	T
1		Instrument XT-12	Programma Billion of the Control of
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		OV I MAD BY ITE = 3	The state of the s
• Ca	n this nebula be seen with direct vision,	6 or is averted vision required?	
• Is t	here an overall shape of the object or is	it simply irregular?	relim size
	my part of the outer edge of the nebula s		
			(-) - 0
• Is a	my part of the nebula brighter or more	concentrated? [ehips low	er (6) stor (3)
• Is t	here any particular area where you noti	ce an absence of stars in this cluster?	2 2 or 3
• Are	there any voids or dark patches, or lan	es in the nebula? Any bright filaments	or streamers? "Cwe"
• Is t	here an open cluster nearby or involved	or any obvious stars involved with this	nebula? 🗸
• An	y suggestions for observing this nebula (Le (filter) nower, field of view, etc.)?	
- 4	, seggestions for observing this nebular (Down of the design of the desi	The was sets
- 4411	there any other deep-sky objects in the	same field of view? If so, what? No	[2]
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Olive - Tex Tapes 2012



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Observing Log

Count 0-51

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Observing Log

Observer: Location: Ohie-Page: 2 INDEX Period - Instrument N97 Notes Object N91 12" **XT-**Object Power Seeing Type Instrument Object
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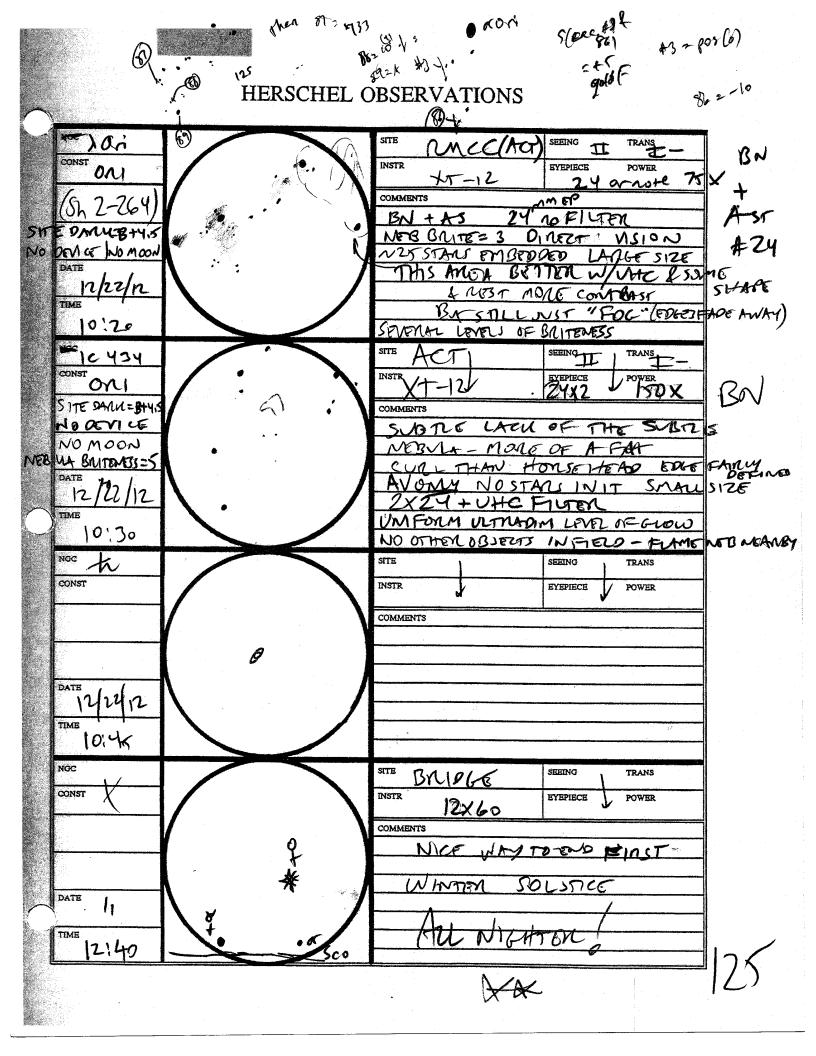
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PATE TIMB		INSTR ZOX80 EYEPIECE POWER COMMENTS PELICAN NO FLOTON HINT OF GODY & SIGNY UHC BROACH ON 2 PARCHED & UNG NO BRU	
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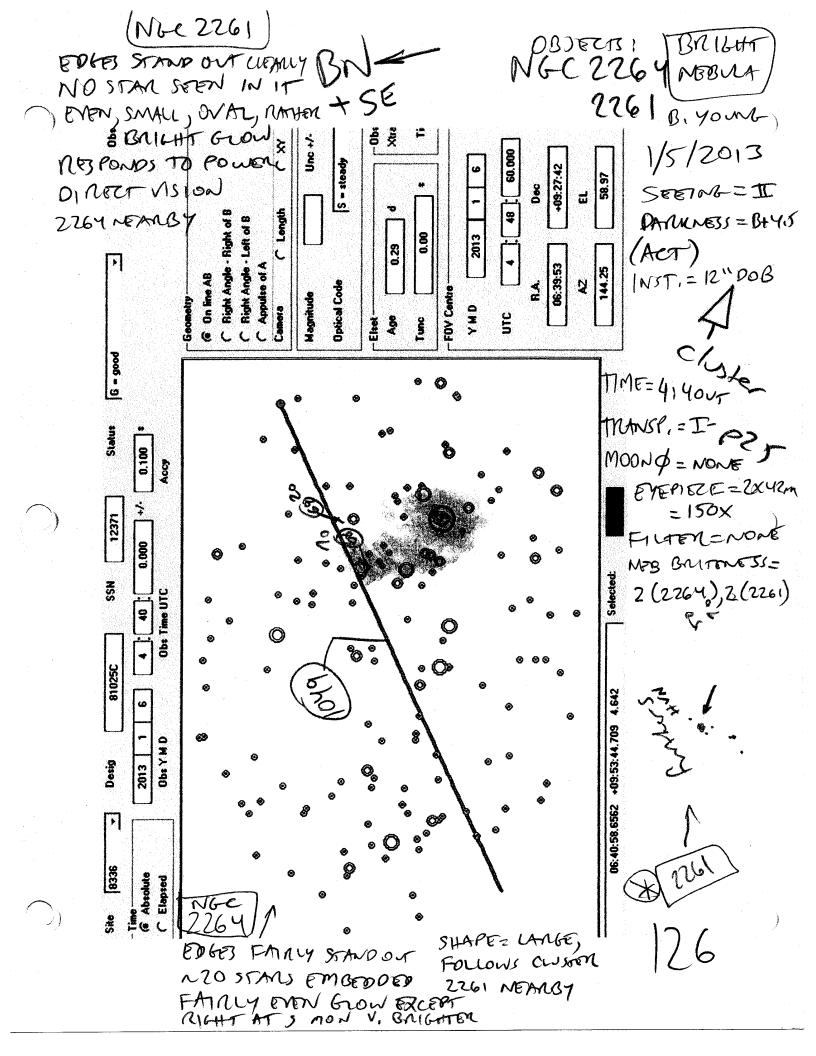
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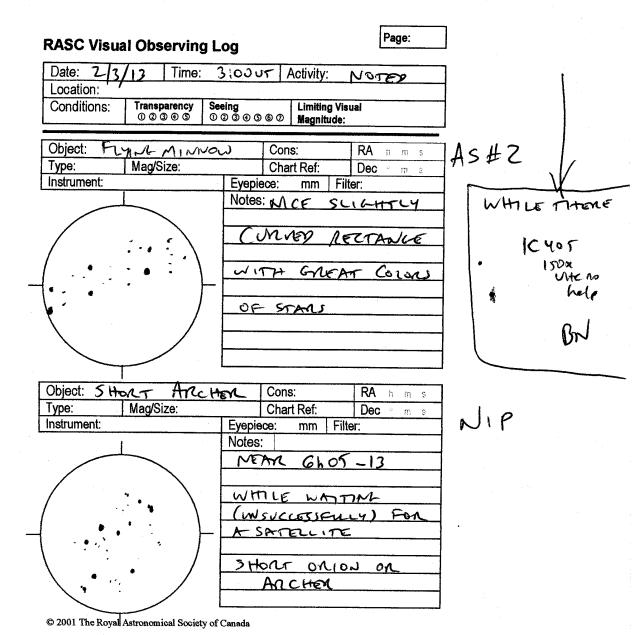
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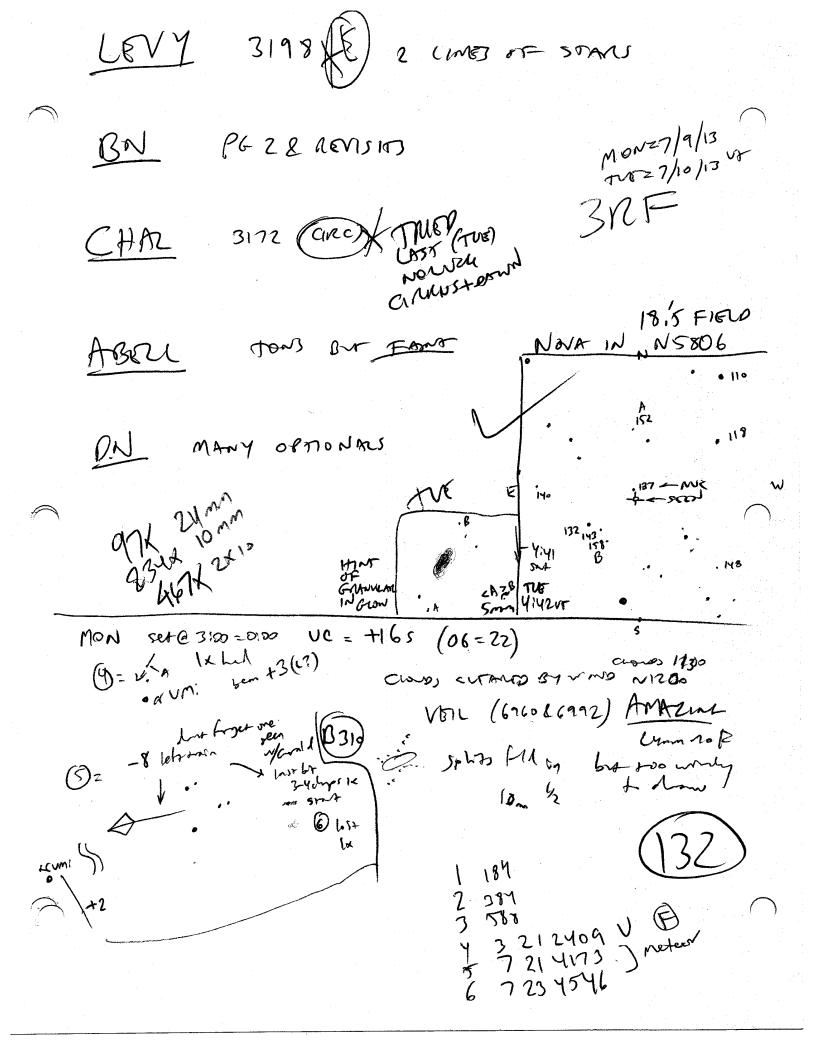


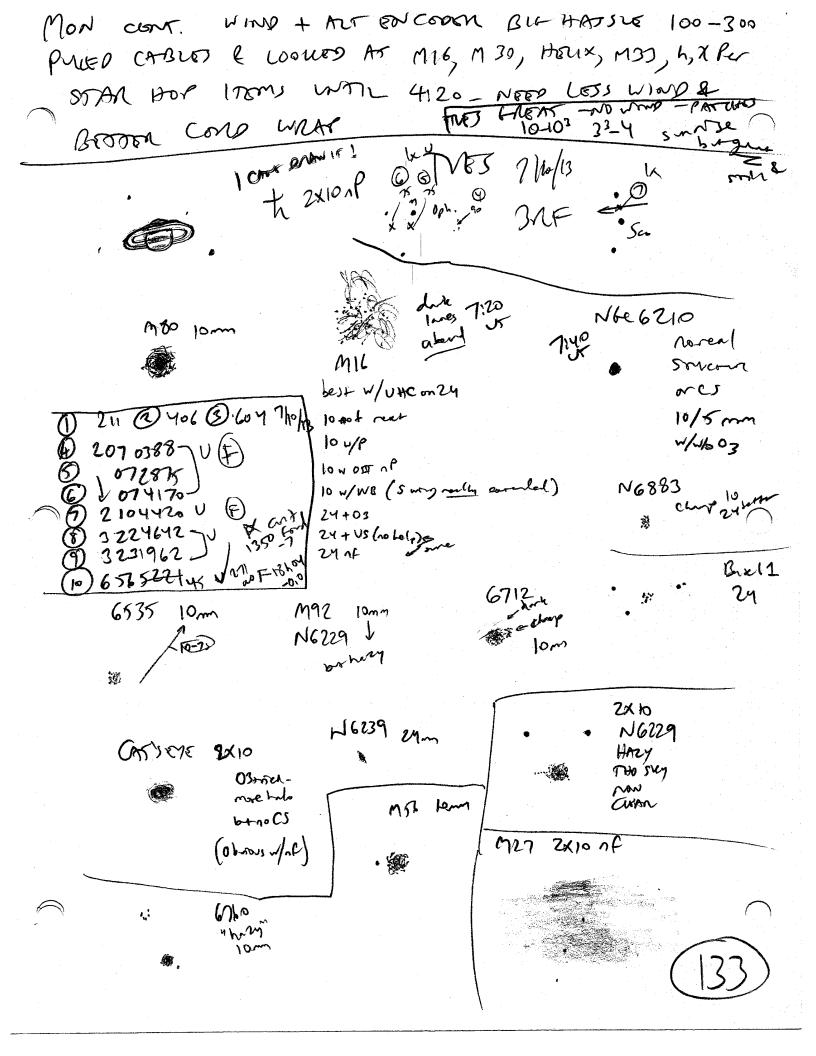
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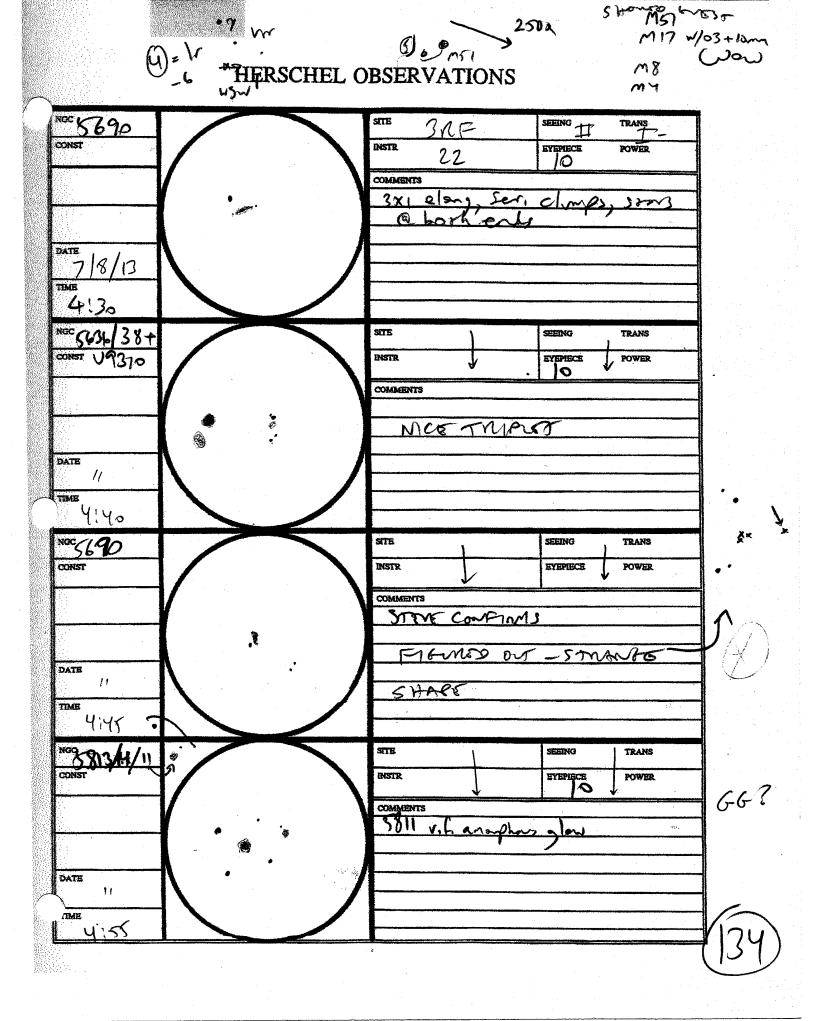
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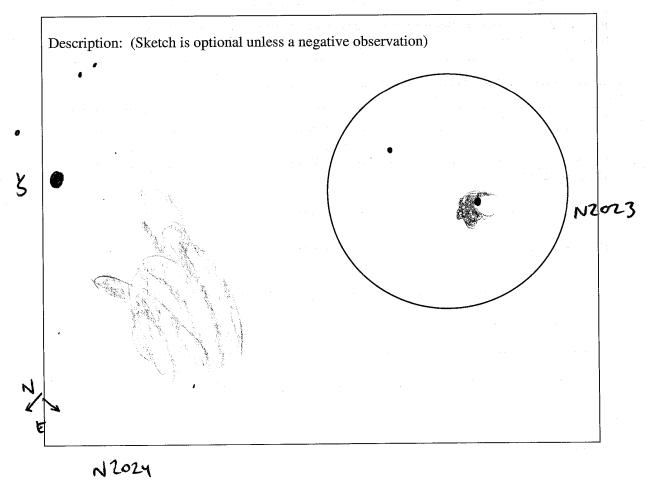
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Bright Nebulae Observing Program Log

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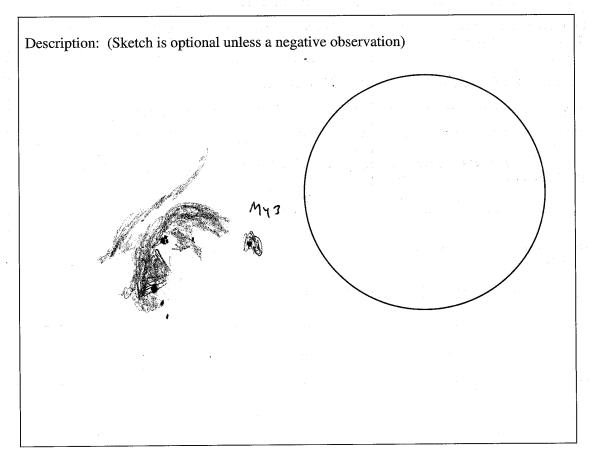
Object: 12013-24	Location:
Date: 12/28/13	Time: 2!40 V
Seeing:	Transparency:
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Bright Nebulae Observing Program Log

Observer's Name	B	40	OUNT			

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Bright Nebulae Observing Program Log

Observer's Name U. Yowk	The state of the s
Object: 12000000000000000000000000000000000000	Location:
NITION	AG
Date:	Time:
12/28/13	2:25 V
Seeing:	Transparency:
<u> </u>	J-
Darkness of site:	Moon phase:
0+4.5	
Instrument:	Eyepiece &
ETX-125	Magnification: 10/190 x
Device-aided?	Filters:
No	HONE
Direct or Averted Vision?	Nebula Brightness:
Use	1973,1975=3 1977=4
Description: (Sketch is optional unless a neg	gative observation)
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4 - 4 %	