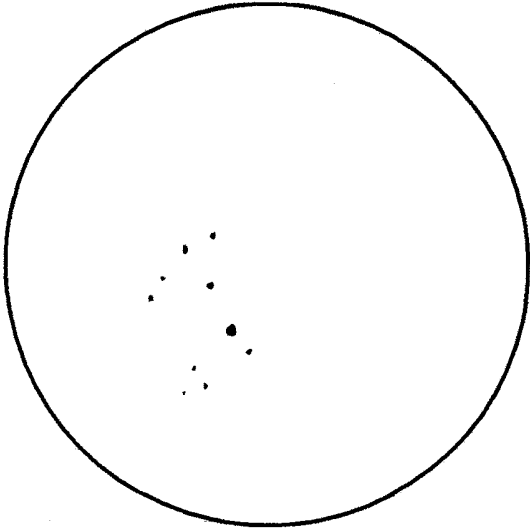
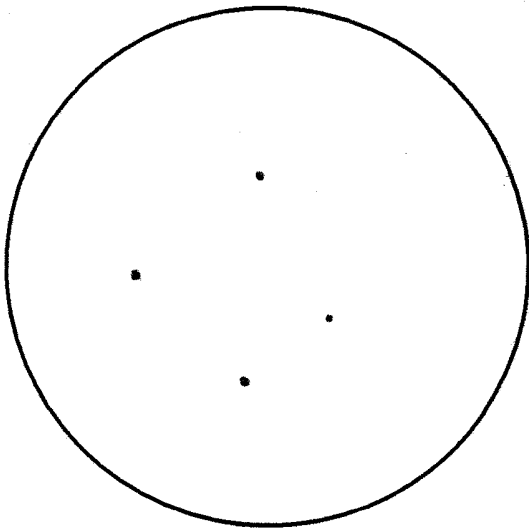


ASTEROISMS

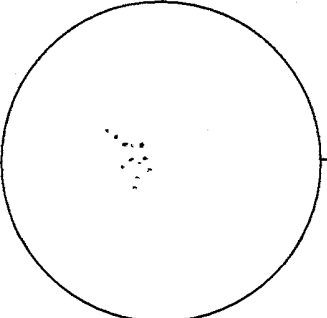
Object Name <u>Del group</u>	RA	DEC	Constellation <u>Del</u>
Scope/Binocs <u>1</u>	Power <u>20</u>	Filter	Seeing <u>II</u>
Location <u>Home</u>	Date <u>12/30/12</u>	Time <u>0:40</u>	Transparency <u>I</u>
Estimated Opacity <u>1</u>	Drawing FOV <u>4</u>	Optional Drawing:	
Description: <u>#80</u> <u>0 orange</u> <u>nice Y</u> <u>61</u> <u>see other version</u>			
			

Object Name <u>KEYSTONE</u>	RA	DEC	Constellation <u>Cet</u>
Scope/Binocs <u>1</u>	Power <u>20</u>	Filter	Seeing <u>II</u>
Location <u>Home</u>	Date <u>12/30/12</u>	Time <u>3:30</u>	Transparency <u>I</u>
Estimated Opacity <u>1</u>	Drawing FOV <u>4</u>	Optional Drawing:	
Description: <u>#1</u> <u>As named</u>			
			

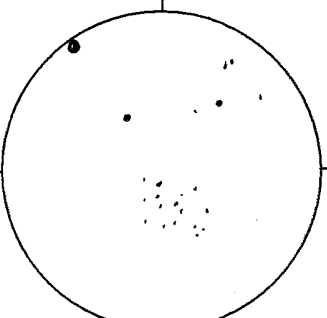
RASC Visual Observing Log

Page:

Date: 1/20/13	Time: 1:00	Activity: NOTED
Location: ACT		
Conditions:	Transparency ● 2 3 4 5	Seeing ① ● ② ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5.5(7)

Object: OME 3	Cons: Cyg	RA h m s
Type: OC	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12"	Eyeiece: 24mm	Filter:
		
Notes:		
75X		
More stars/shape		
than 20x, about 10		

SJOM
SD

Object: PLENOU 18	Cons: Psc	RA h m s
Type: Ast	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12"	Eyeiece: 24 mm	Filter:
		
Notes: 75X NOT SURE		
WHAT SHAPE IS		
OUT MCG GROUPING		

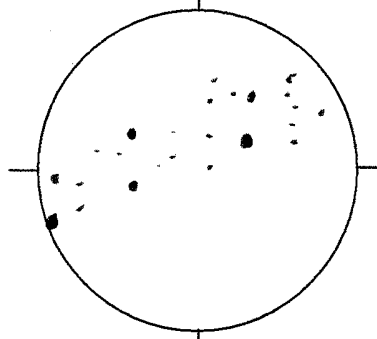
AS#2

RASC Visual Observing Log

Page:

Date: 2/3/12	Time: 3:00UT	Activity: NOTED
Location: 		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
Limiting Visual Magnitude: 		

Object: FLYING MINNOW	Cons: 	RA h m s
Type: 	Mag/Size: 	Chart Ref:
Instrument: 	Eye-piece: mm 	Filter:
Notes: NICE SLIGHTLY		
CURVED RECTANGLE		
WITH GREAT COLOR		
OF STARS		



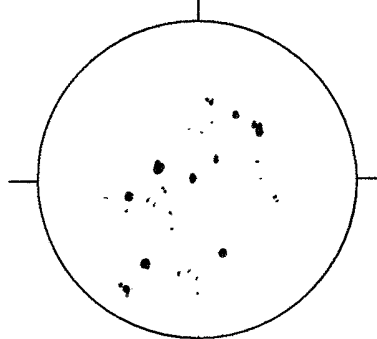
AS #21

WHILE THERE:

IC 405
150x
VHC no
help

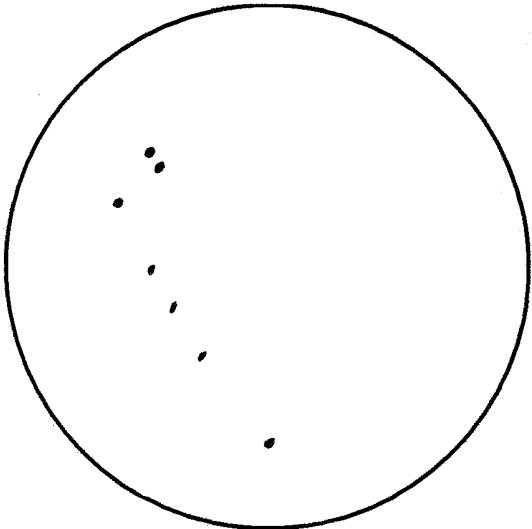
BN

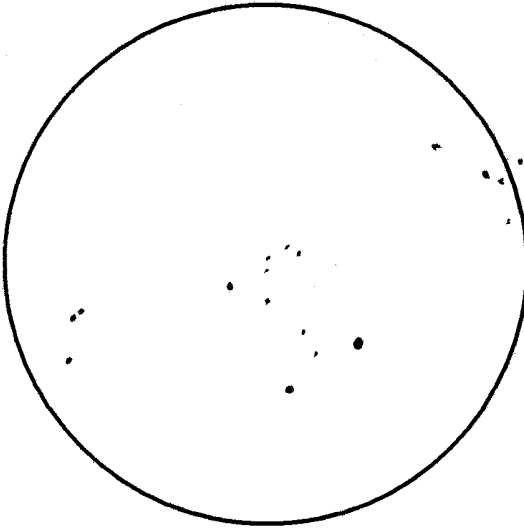
Object: SHORT ARCHER	Cons: 	RA h m s
Type: 	Mag/Size: 	Chart Ref:
Instrument: 	Eye-piece: mm 	Filter:
Notes: NEAR GH05-13		
WHILE WAITING		
(UNSUCCESSFULLY) FOR		
A SATELLITE		
SHORT ORION OR		
ARCHER		



NIP
#7

ASTERISMS

Object Name <i>Golf Pater</i>	RA	DEC	Constellation <i>AND</i>
Scope/Binocs	Power <i>20</i>	Filter	Seeing <i>II</i>
Location <i>1/</i>	Date <i>12/30/12</i>	Time <i>3:28</i>	Transparency <i>I</i>
Estimated 1/ Opacity	Drawing FOV <i>4</i>	Optional Drawing:	
Description: <i>Golf pater</i> (#95)			

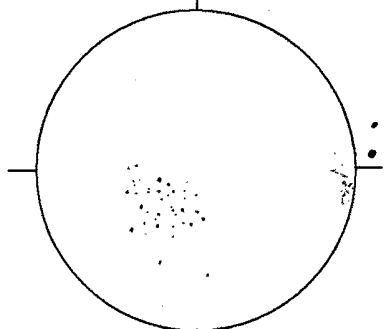
Object Name <i>SPATULA</i>	RA	DEC	Constellation <i>PSC</i>
Scope/ B inocs	Power <i>20</i>	Filter	Seeing <i>II</i>
Location <i>1/</i>	Date <i>12/30/12</i>	Time <i>3:38</i>	Transparency <i>I</i>
Estimated 1/ Opacity	Drawing FOV <i>4</i>	Optional Drawing:	
Description: (#4)			

RASC Visual Observing Log

Page:

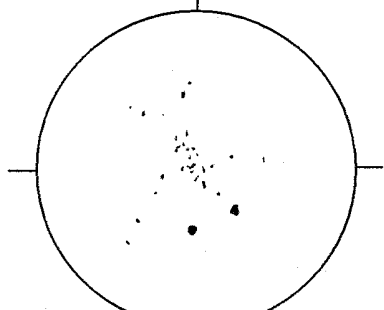
Date: 1/20/13	Time: 3:00	Activity: NOTED
Location: ACT		
Conditions:	Transparency ●●●●●	Seeing ①●②③④⑤⑥⑦
		Limiting Visual Magnitude: 5.5 D

Object: WAGON WHEEL	Cons:	RA h m s
Type: OC	Mag/Size:	Dec ° m s
Instrument: XT-12	Eyepiece: 24 mm	Filter:
Notes: SPOKES ARE SEEN WELL, BUT FILLED OUT SO WHEEL NOT EASY TO TELL CUSTER NEARLY IN FIELD		



AST
#5
(NGC 663)

Object: E.T.	Cons:	RA h m s
Type: OC	Mag/Size:	Dec ° m s
Instrument: 12"	Eyepiece: 24 mm	Filter:
Notes: WONDERFUL THOUGH HE'S ON HIS HEAD HOLE		



AST
#43
(NGC 457)

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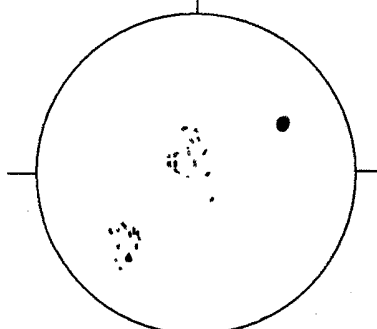
NIP#8
WONDERFUL
LINE OF
4 @ 11m +
2 @ 12m
NEAR
M103



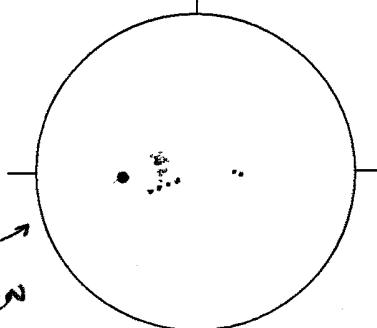
RASC Visual Observing Log

Page:

Date: 2/3/13	Time: 1:30	Activity: NOTED
Location: ACT		
Conditions:	Transparency ① ● ② ③ ④ ⑤	Seeing ① ② ③ ● ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 6.2

Object: POT & ARCHER	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 12x60	Eyepiece: mm	Filter:
 Notes: UPSIDE DOWN NOW QUT SHAPES ← 2 AND CERTAINLY FIT NAMES		

AS6

Object: PALM SANDER	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 12x60	Eyepiece: mm	Filter:
 Notes: ANOTHER WELL NAMED GROUP - 4 STARS IN LINE ARE FLAT 1:40 UT		

AS7

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12x60

← DBL CLUSTER

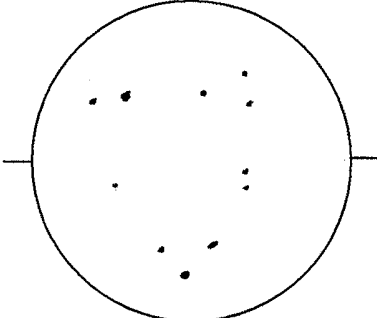
5:30 UT

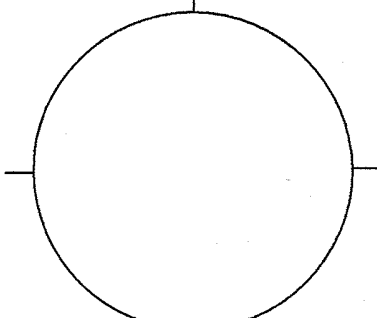
← STALL 2
 (AS9)
 BOAT W/ SMOOT BACK
 MAST THIS ASPECT
 INVOLVED = JELLY FISH

RASC Visual Observing Log

Page:

Date: 1/6/13	Time: 4:30	Activity: AS
Location: ACT		
Conditions:	Transparency ① ② ③ ● ⑤	Seeing ① ② ③ ④ ● ⑥ ⑦
		Limiting Visual Magnitude: 6

Object: Pometur	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 12" 75x	Eye piece: 24 mm	Filter:
 Notes: LARGEST WELL NAMED #8		

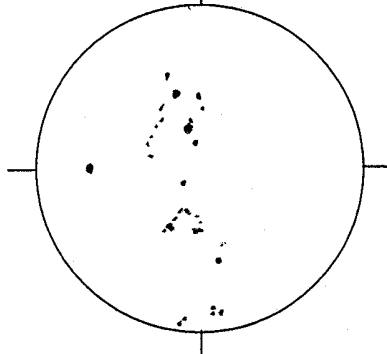
Object:	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument:	Eye piece: mm	Filter:
 Notes:		

RASC Visual Observing Log

Page:

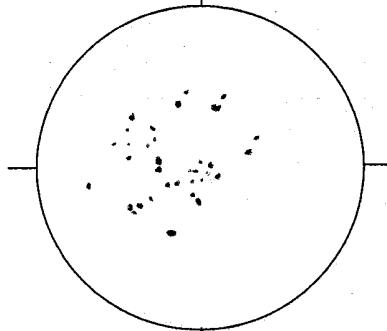
Date: 3/8/13	Time: 3:00	Activity:
Location: ACT		
Conditions:	Transparency ● 2 3 4 5	Seeing ① 2 3 ● 5 6 7
Limiting Visual Magnitude: 6.0		

Object: M34	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: XT-12	Eyepiece: 21mm	Filter:
Notes:		
TRIUMPH 2		
2 NICE CURVES		
OF STARS		



AST
#12

Object: M34 STAR EYED	Cons:	RA h m s
Type:	Mag/Size: SUSAN	Chart Ref: Dec ° m s
Instrument: XT-12	Eyepiece: 24mm	Filter:
Notes:		
NICE CURVE		
FLOWER SHAPES		



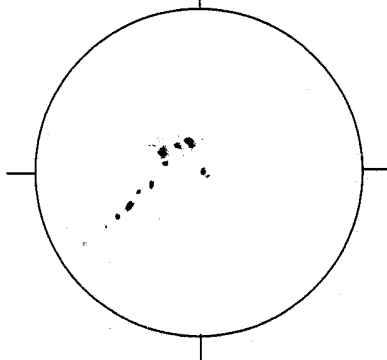
AST
#13

RASC Visual Observing Log

Page:

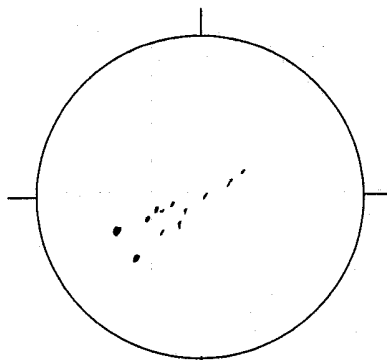
Date: 3/8/13	Time: 3:40	Activity:
Location: AST		
Conditions:	Transparency ● 2 3 4 5	Seeing 1 2 3 4 ● 5 7
		Limiting Visual Magnitude: 6.0

Object: MEASURING SCOOP	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: XT-12	Eyeiece: 24mm	Filter:
Notes:		
NEARLY STRAIGHT		
LINE AND NCIS		
LINE OF 4		
FOR SOLID SHAPE		



AST
#14

Object: BBA FORK	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: XT-12	Eyeiece: 24mm	Filter:
Notes:		
FINDER - TO		
BIG FORK 75X		
ALSO "DIVINING		
ROD?"		

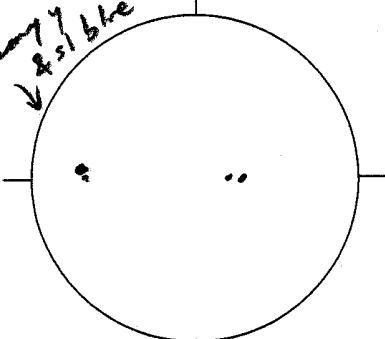


AST
#25

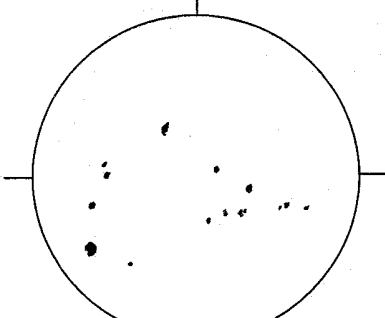
RASC Visual Observing Log

Page:

Date: 12/22/12	Time: 	Activity: AS
Location: RMCC		
Conditions:	Transparency ● 2 3 4 5	Seeing ① ● ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 6.5

Object:	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument:		Eye-piece: mm Filter:
com 7 ↓ 4.5/6.5  Notes:		

NICE
DBLS
TO
WEST

Object: LETTER "F"	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80		Eye-piece: mm Filter:
 Notes:		

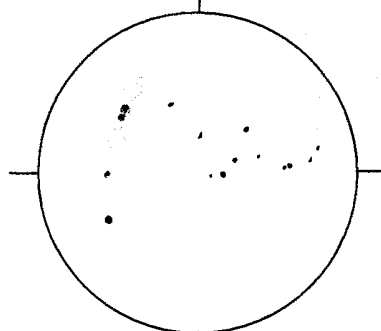
AST
#15

RASC Visual Observing Log

Page:

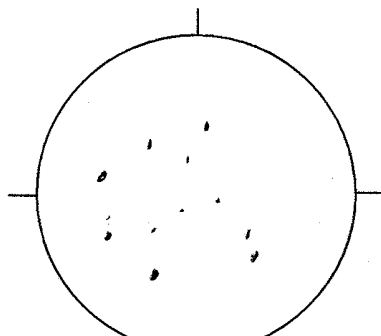
Date: <u>1/20/13</u>	Time: <u>3:50</u>	Activity:
Location: <u>RET</u>		
Conditions:	Transparency ● ② ③ ④ ⑤	Seeing ① ● ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: <u>5.5 D</u>

Object: <u>"F" RUMSIT-</u>	Cons: 	RA h m s
Type: 	Mag/Size: 	Chart Ref:
Instrument: <u>XLT-12</u>	Eye-piece: <u>24</u> mm	Filter:
Notes: <u>CONFIRMED</u>		



AST
#15

Object: <u>"D"</u>	Cons: 	RA h m s
Type: 	Mag/Size: 	Chart Ref:
Instrument: 	Eye-piece: mm	Filter:
Notes: <u>CONFIRMED</u>		



AST
#16

RASC Visual Observing Log

Page: _____

Date: 12/22/12	Time: 7:00	Activity:
Location: RMCC		
Conditions:	Transparency ① ● ③ ④ ⑤	Seeing ① ● ③ ④ ⑤ ⑥ ⑦
Limiting Visual Magnitude: 6.5		

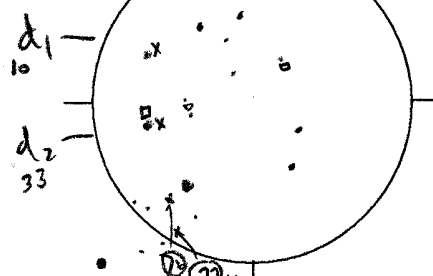
Object: L 1211-1	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20x80	Eye-piece: mm	Filter:
Notes:		

Object: FISH HOOK	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument:	Eye-piece: mm	Filter:
Notes:		

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U₂ D →
20
50x
99

U₁
S-S = 20 mag
F12



NOT "D" ?

REVISIT

AST
#17

DAN'S P06 7x50

3281
Y29 452

#99
100

12

HERSCHEL OBSERVATIONS

ASTENISM

NGC 1647		SITE RMCC	SEEING II	TRANS II
CONST TAV		INSTR XT-12	EYEPiece 24	POWER 75x
		COMMENTS		
		ALSO ASTERISM		
DATE 12/22/12				
TIME 9:00				
NGC 2151		SITE	SEEING	TRANS
CONST ONI		INSTR	EYEPiece	POWER
		COMMENTS		
		Asterism		
DATE //				
TIME 9:10				
NGC FSN 983		SITE	SEEING	TRANS
CONST ONI		INSTR	EYEPiece	POWER
		COMMENTS		
		AP		
DATE //				
TIME 9:20				
NGC IC 2118		SITE	SEEING	TRANS
CONST ONI		INSTR	EYEPiece	POWER
		COMMENTS		
		WATER'S HEAD		
		VISC OVER OTHER SAME AREA		
DATE //				
TIME 9:30				

#18

#19

#22

BN

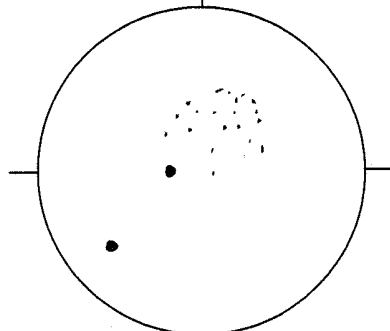
13

RASC Visual Observing Log

Page:

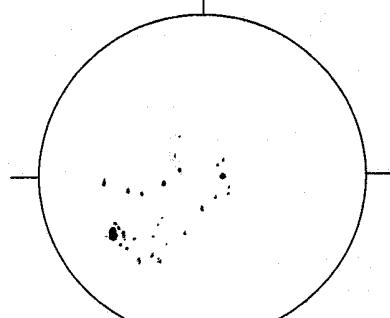
Date: 3/8/13	Time: 4:05	Activity: ACT
Location: ACT		
Conditions:	Transparency ① ● ③ ④ ⑤	Seeing ① ② ③ ④ ● ⑥ ⑦
Limiting Visual Magnitude:		

Object: PONDUE	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: XT-12	Eyeiece: 24mm	Filter:
Notes:		
DIM & NOT EASY		
TO DISTINGUISH MEAN		
2 7mag.		



518 +20
AST #20

Object: CHYLISMAS TUBE	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: XT-12	Eyeiece: 24mm	Filter:
Notes:		
WONDERFUL CLUSTER		
@ S MON.		



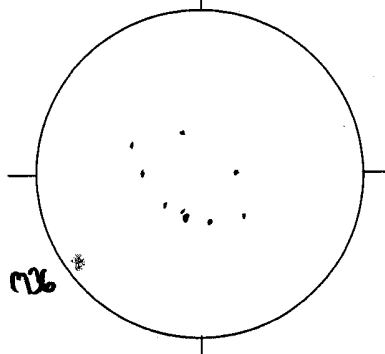
AST #29
30

RASC Visual Observing Log

Page:

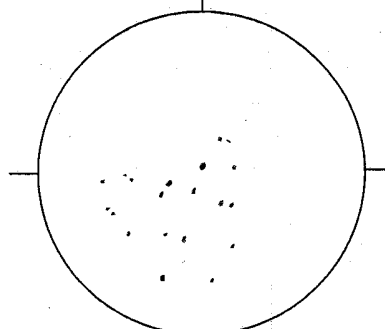
Date: 2/18/13	Time: 1:00	Activity: AST
Location: Home		
Conditions:	Transparency ① ② ● ④ ⑤	Seeing ① ② ③ ④ ● ⑥ ⑦
		Limiting Visual Magnitude: 5.0

Object: CHEWIE CAT	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12X60S	Eyeiece: mm	Filter:
Notes:		
JUST LIKE DANCY CAMP'S		
T-SHIRT		



AST #23

Object: THE MOTH (M48)	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: XT-12	Eyeiece: 24 mm	Filter:
Notes:		
120 D HELPS BRING OUT		
LOST RED MOOTH BY		
WASHING OUT FATHERS		



2/24/13
1:50 AM

AST #32
33

HERSCHEL OBSERVATIONS

NGC 101		SITE RMCC	SEEING II	TRANS I-
CONST ONI		INSTR XT-12	EYEPiece	POWER 24 or note 75X
DATE 12/22/12		COMMENTS		
TIME 10:20		BN + AS 24 10 F THIS AREA BETTER W/ UHC & SOME & NOT MORE CONTRAST BUT STILL NOT "FOG"		
NGC 10434		SITE	SEEING	TRANS
CONST ONI		INSTR ↓	EYEPiece ↓	POWER
DATE "		COMMENTS		
TIME 10:30		SUBTLE LACK OF THE SUBTLE NEBULA - MORE OF A FAT CURL THAN HOUSE HEAD 2X24 + UHC		
NGC 10		SITE	SEEING	TRANS
CONST		INSTR ↓	EYEPiece ↓	POWER
DATE 12/24/12		COMMENTS		
TIME 10:45				
NGC X		SITE BRIDGE	SEEING	TRANS
CONST		INSTR 12X60	EYEPiece ↓	POWER
DATE 11		COMMENTS		
TIME 12:40		NICE WAY TO END INST WINTER SOLSTICE All night on!		

BN
+
A 51
A 24

STARE

16

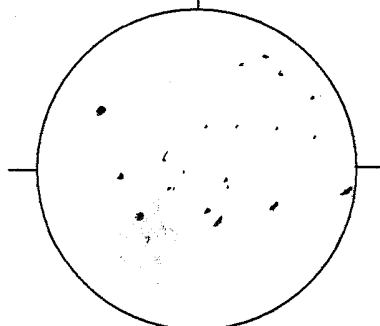
XX

RASC Visual Observing Log

Page:

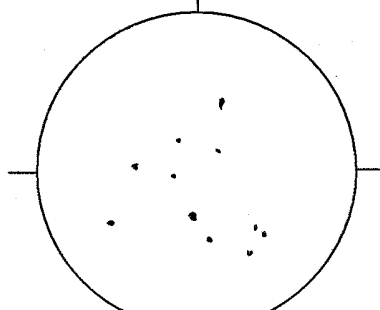
Date: 1/20/13	Time: 5:30	Activity: AS
Location: ACT		
Conditions:	Transparency ① ● ② ③ ④ ⑤	Seeing ① ② ● ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5.5 D

Object: Nagler 1	Cons: CMA	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: XT-12	Eyeiece: 24mm	Filter:
Notes:		
LARGE "ANGLE		
IRON"		



AST
#28

Object: UMBRELLA	Cons: HYA	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20X80 B	Eyeiece: mm	Filter:
Notes: 20x80		
A LITTLE LOPSIDED		
(SPRUNK OPEN ?)		
BUT MCE CURE TO		
HANDLE.		



AST
#102

NEW
MOON 01 → C
bark
12x

HERSCHEL OBSERVATIONS

NGC- CONST Coryet		SITE Homs	SEEING II	TRANS II
PAN-STARS		INSTR 12X60	EYEPiece -	POWER 12
		COMMENTS BY CNDOS		
DATE 3/14/13				
TIME 1:15				
NGC- CONST Hya		SITE Homs	SEEING III	TRANS III
ROCAINT		INSTR 20X80	EYEPiece -	POWER 20
HORSE		COMMENTS		
DATE 3/28/13				
TIME 1:40				
NGC- CONST 2169		SITE ↓	SEEING ↓	TRANS IV-
ORI		INSTR ↓	EYEPiece ↓	POWER 20
"37"		COMMENTS NEXT - CLOUDS POURING		
		IN		
DATE 11				
TIME 1:50				
NGC 2477		SITE ACT	SEEING	TRANS
CONST		INSTR 12"	EYEPiece	POWER
		COMMENTS UNDRAWABLE w/LINE TO IT -		
		LIKE A LITTLE LOLLIPOP TREE		
		100's OF STARS - NEARLY ALL RED		
DATE 4/1/13				
TIME 3:30				

AST
103

AST
27

LEVY
258

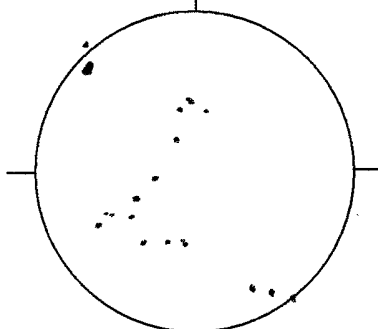
19

RASC Visual Observing Log

Page:

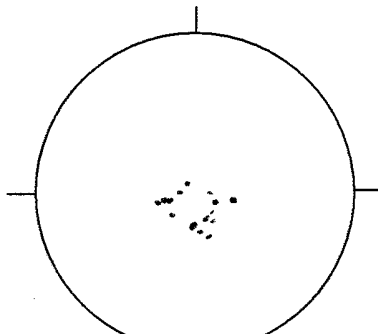
Date: 4/1/83	Time: 3:40	Activity:
Location: ACT		
Conditions:	Transparency ● 2 3 4 5	Seeing ① ● 3 4 5 6 7
		Limiting Visual Magnitude: 6.0

Object: UNICORN HORN	Cons: MON	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 12"	Eye-piece: 24mm	Filter: —
Notes:		
UNICORN HORN OR		
ARROWHEAD IN		
12"		



AST
29

Object: "37" / N 2169	Cons: ORI	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 12"	Eye-piece: 24mm	Filter:
Notes:		
"37" MUCH PLAINER		
THAN W/ 20x80's		
BUT IS INVERTED		

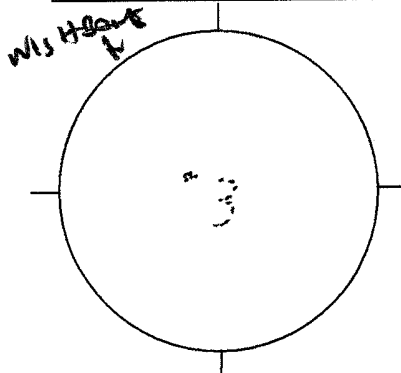


AST
27

RASC Visual Observing Log

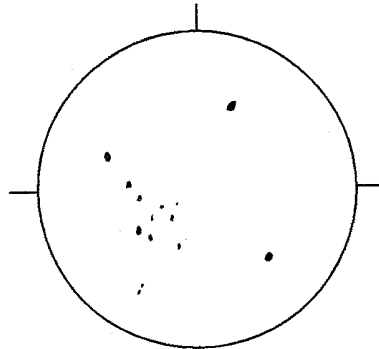
Date: 4/5/13	Time: 3:00	Activity: AST
Location: ACT		
Conditions:	Transparency ● 2 3 4 5	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 6.0

Object: PANAN'S 3	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyeiece: mm	Filter:
Notes:		
"3" AGAIN WITHIN		
SWEEP 20x80'S		
M46, M47 + OCS IN MSA		



AST #31

Object: SPADE	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyeiece: mm	Filter:
Notes:		
SPADE SHAPE		
OBVIOUS		



AST #37

RASC Visual Observing Log

Date: 4/1/13	Time: 3:55	Activity:
Location: ACT		
Conditions:	Transparency ● ● ● ● ●	Seeing ① ● ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 6.0

Object: PAKAN'S 3	Cons: MON	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12"	Eye piece: 24 mm	Filter:
Notes:		
PAKAN'S 3		
LIVES UP TO NAME		
W/ A "WISHBONE"		
IN NEXT FIELD TO		
WEST		

WISHBONE
↓

Object: N2467	Cons: PUP	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12"	Eye piece: 24 mm	Filter:
Notes: "EMISSION COMET"		
BEAUTIFUL OBJECT -		
NOT SURE ABOUT STATUS AS ASTERISM		
NICE GROUP JUST N		

AST 31

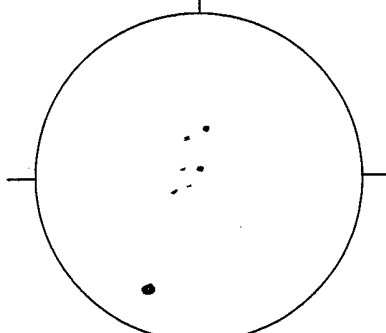
+
NIP 19AST
32

RASC Visual Observing Log

Page:

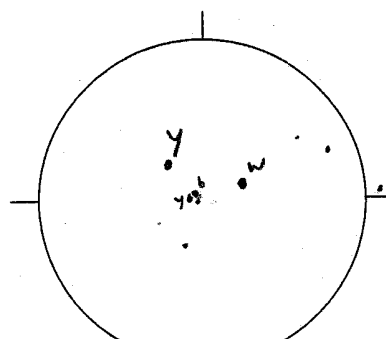
Date: 2/24/13	Time: 2:35	Activity: AST
Location: HOME		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
Limiting Visual Magnitude: 4.0 (MOON)		

Object: UNY 304	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: XT-12	Eye-piece: 24 mm	Filter:
Notes:		
YES, MATCHES		
ONLINE PHOTO		
SPARSE		



AST #38

Object: STARGATE	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: XT-12	Eye-piece: mm	Filter:
Notes:		
WELL KNOWN W		
NEXT ONE ON		
PATH TO M104		



3/7/13 10:05

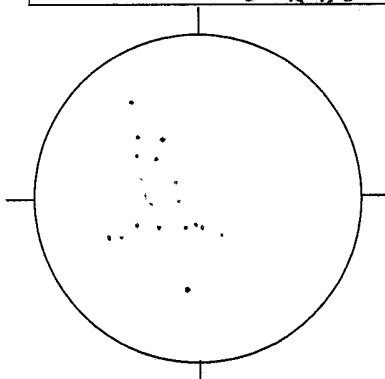
AST #43
44

RASC Visual Observing Log

Page:

Date: 3/16/13	Time: 4:15	Activity: AST
Location: HOME		
Conditions:	Transparency ① ② ③ ● ⑤	Seeing ① ② ③ ● ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 4.5

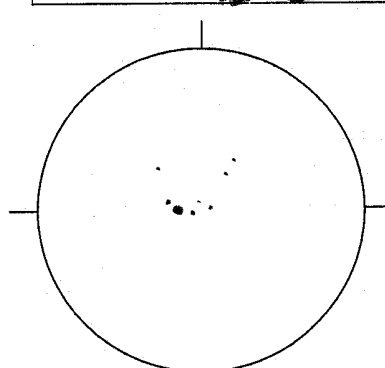
Object: FLOWER VASE	Cons: HYA	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20x80	Eye-piece: mm	Filter:



Notes: AKA CROWN (CHINAVALE)
BUT AT THIS ASPECT
IT IS A VASE - NOT
REAL EASY TO PICK OUT
BUT BASE IS EASY

#34

Object: NCHWORM	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 12x60	Eye-piece: mm	Filter:



Notes: AKA OUTLINE FREE
(CHINAVALE) BUT NOT
OBVIOUS FOR EITHER
HAD 12x60'S HANDHELD
AS IT WAS OVERHEAD

#35

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ARROWHEAD
MON
20x80

#28
29

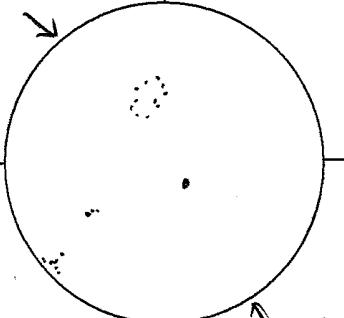
WELL SEEN &
EASY EVEN IN
FAIR CONDITIONS

29

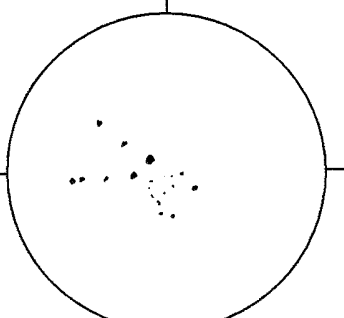
RASC Visual Observing Log

Page:

Date: 4/14/13	Time: 3:30	Activity: AST
Location: ACT		
Conditions:	Transparency ① ② ● ③ ④ ⑤	Seeing ① ② ③ ④ ● ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5.5

Object: HEART +	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20x80	Eye-piece: mm	Filter:
 Notes: 2 OTHER INTERESTING GROUP TO S		

AST 38

Object: ENTER ARROW	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20x80	Eye-piece: mm	Filter:
 Notes: EASY TO FIND		

AST 41

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"G" w/ 4

NIP #10

• α Aur

• KRS

IX

• belt Orion

• #13

• sword #14

Hyades

#15

m44

#16

Bier

#17

Gardens

#18

Segment of Per

#12

Hydra head

#19

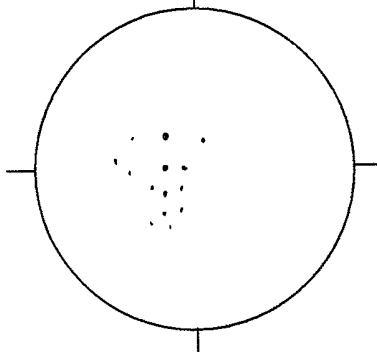
25

RASC Visual Observing Log

Page:

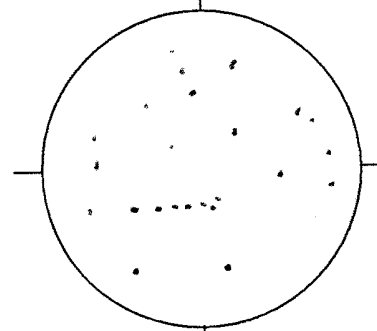
Date: 4/5/13	Time: 10:15	Activity: AST
Location: AST		
Conditions:	Transparency ● 2 3 4 5	Seeing ① ● 3 4 5 6 7
Limiting Visual Magnitude: 6.0		

Object: SAILBOAT	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20X80	Eyepiece: mm	Filter:
Notes:		
SAILBOAT - MORE LIKE		
A CAPO		



AST
#39

Object: PINNAN'S RUN	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20X80	Eyepiece: mm	Filter:
Notes:		
PINNAN'S RUN		
LINE OF 5 STARS		



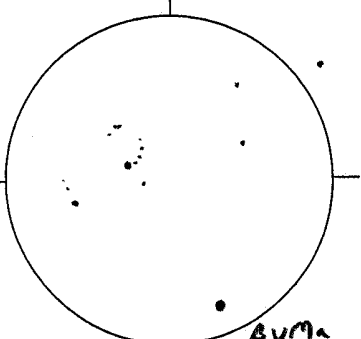
AST
#40

RASC Visual Observing Log

Page:

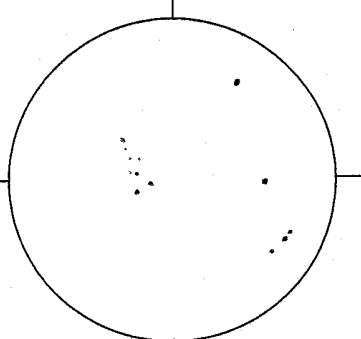
Date: 3/16/13	Time: 6:00	Activity: AST
Location: HOME		
Conditions:	Transparency ① ② ③ ● ⑤	Seeing ① ② ③ ● ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 4.5

Object: BROKEN ENLARGEMENT (UM)	Cons: UMA	RA h m s
Type: Ast	Mag/Size:	Chart Ref:
Instrument: 20x80	Eye-piece: mm	Filter:
Notes:		
Nice curl of stars		
near 5m, with a		
wide dbl on other		
side		



AST 42

Object: DIFFER TOWER	Cons: UMA	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20x80	Eye-piece: mm	Filter:
Notes:		
Near E UMA, a bit		
dim in poor skies		
but visible.		



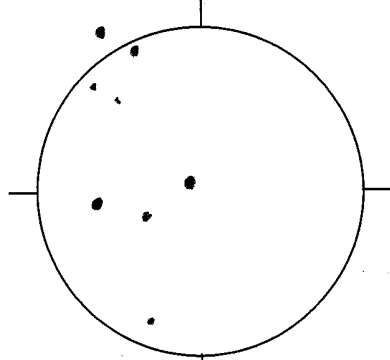
AST 45
46

RASC Visual Observing Log

Page:

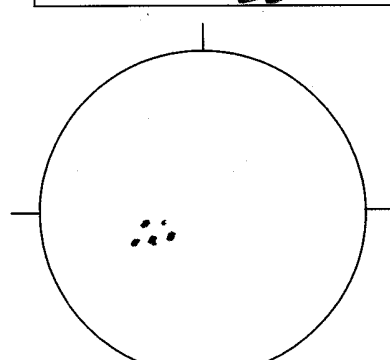
Date: 6/3/13	Time: 6:30	Activity: AST
Location: ACT		
Conditions:	Transparency ① ● ③ ④ ⑤	Seeing ① ② ● ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 6.0

Object: TREE LEAF	Cons: Com	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 22"	Eyepiece: 24mm	Filter:
Notes:		
Huge, bright		



AST 43

Object: M73	Cons: Agr	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 22"	Eyepiece: 24mm	Filter:
Notes:		



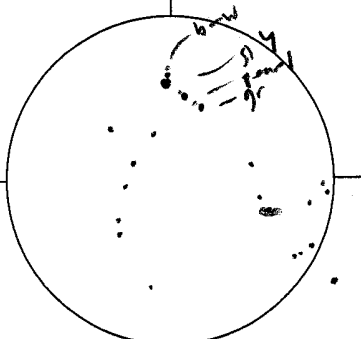
7:00 UT

AST 83

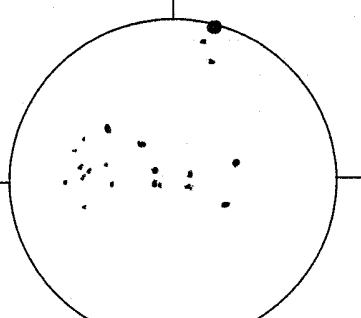
RASC Visual Observing Log

Page:

Date: 3/7/13	Time: 10:15	Activity:
Location: 		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
Limiting Visual Magnitude: 		

Object: OIL CAN	Cons: 	RA h m s
Type: 	Mag/Size: 	Dec ° m s
Instrument: XT-12	Eye-piece: 24 mm	Filter:
 Notes: w/m 104		

#48 AST

Object: ALADDIN'S LAMP	Cons: 	RA h m s
Type: 	Mag/Size: 	Dec ° m s
Instrument: 20x80	Eye-piece: mm	Filter:
 Notes: WELL SHAPED TO NAME		

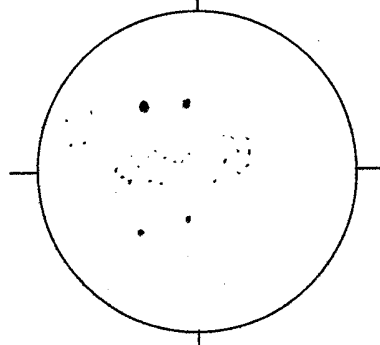
~~AST~~
 #11
 3/8/13
 3:15
 ACT

RASC Visual Observing Log

Page:

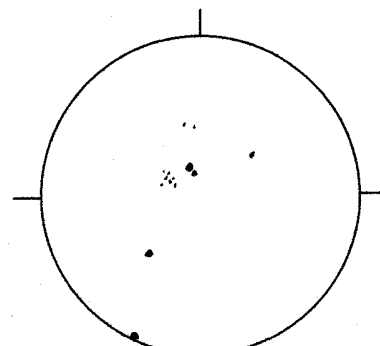
Date: 4/14/13	Time: 4:45	Activity: AST
Location: AST		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5.5

Object: NIGHT OWL	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyeiece: mm	Filter:
Notes:		
EYES & FEET ONLY		



AST 51

Object: MORTAR TOWER	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyeiece: mm	Filter:
Notes:		
SMALL		



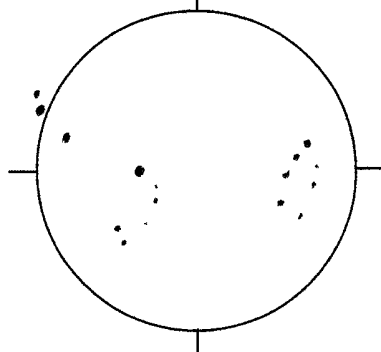
AST 49

RASC Visual Observing Log

Page:

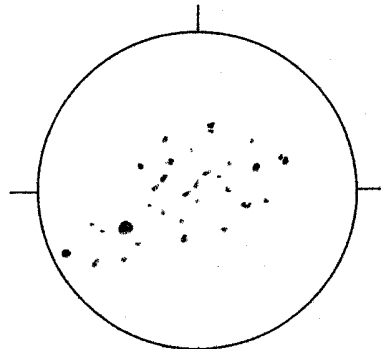
Date: 6/7/13	Time: 7:40	Activity: AST
Location: ACT		
Conditions:	Transparency ① ● ③ ④ ⑤	Seeing ① ● ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 6.0

Object: GAS RMP HANDLE	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 22"	Eyepiece: 24mm	Filter:
Notes:		
100 G/L BUT SEEN		



AST 50

Object: 10 AST	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: "	Eyepiece: mm	Filter:
Notes:		
A BUNCH OF STARS		
+ 3 DBLS - CLUSTER?		



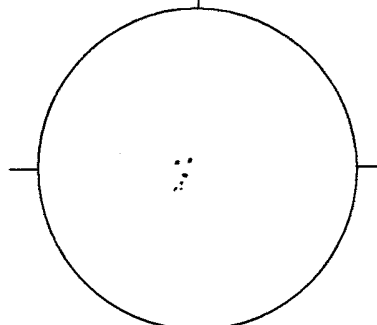
AST 85

RASC Visual Observing Log

Page:

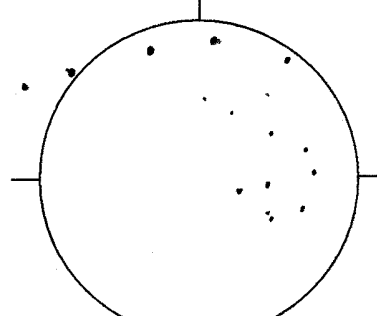
Date: 11/17/12	Time: 0140	Activity: AP
Location: ACT		
Conditions:	Transparency ① ② ③ ④ ●	Seeing ① ② ③ ④ ● ⑥ ⑦
Limiting Visual Magnitude: 6		

Object: D0026	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12"	Eyepiece: 24mm	Filter: -
Notes:		
SMALL LITTLE GROUP OF 6		



#54
51

Object: D0025	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12"	Eyepiece: 24mm	Filter: -
Notes:		
Backwards "6" w/ line at 4		



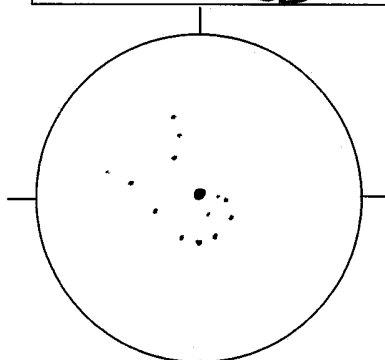
#54

RASC Visual Observing Log

Page:

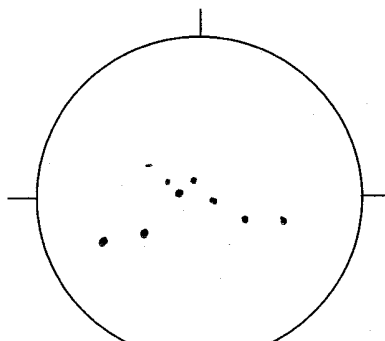
Date: 6/7/13	Time: 4:00 VT	Activity: AST
Location: ACT		
Conditions:	Transparency ① ● ③ ④ ⑤	Seeing ① ● ③ ④ ⑤ ⑥ ⑦
Limiting Visual Magnitude: 6.0		

Object: Webb's Wrenth	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 22	Eyepiece: 24 mm	Filter:
Notes:		
NICE - LOOKS LIKE		
OFF-KILTER CRB		



AST 66

Object: NARROWER'S AST	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument:	Eyepiece: mm	Filter:
Notes:		
QUITE APT NAME,		
EVEN HAS A LITTLE		
FEATHER		



AST 52

RASC Visual Observing Log

Page:

Date: 6/3/13	Time: 3:45	Activity: AST
Location: ACT		
Conditions:	Transparency ① ● ③ ④ ⑤	Seeing ① ② ● ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 6.0

Object: SOARWORM	Cons: M1	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 22" JC	Eyeiece: 24 mm	Filter:
Notes:		
RAISED WINGS AND		
3 CLAWED FEET		

AST 53

Object: MINI COATHANGER	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: //	Eyeiece: // mm	Filter:
Notes:		
VERY NICE & WIT		
AS IT'S NAMED		

AST 55

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M49 → 41150
 ↓ → arc
 2-1 sat
 * No trail

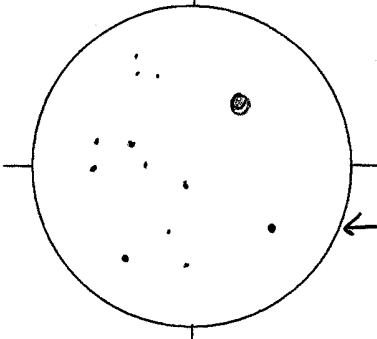
34

RASC Visual Observing Log

Page:

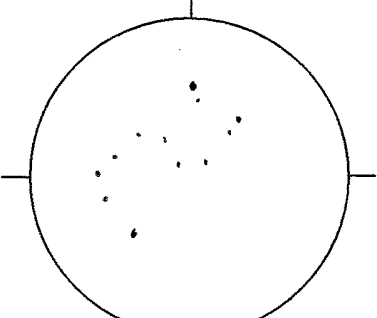
Date: 11/17/12	Time: 0:25 UT	Activity: AP
Location: ACT		
Conditions:	Transparency ① ② ③ ④ ●	Seeing ① ② ③ ④ ● ⑥ ⑦
		Limiting Visual Magnitude: 6

Object: TEAROT	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: EYE	Eye-piece: mm	Filter:
Notes: GETTING LOW		
BUT SEEN W/ ♂ & MOON		



#106
111

Object: Backwards S	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12"	Eye-piece: 24mm	Filter:
Notes: DEFINITELY FITS		
THE NAME		



#83
06

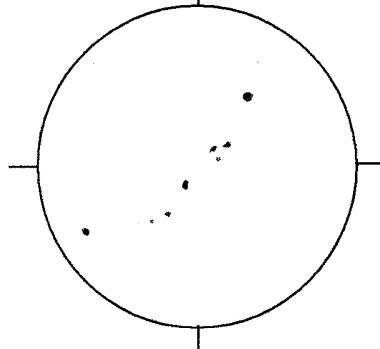
35

RASC Visual Observing Log

Page:

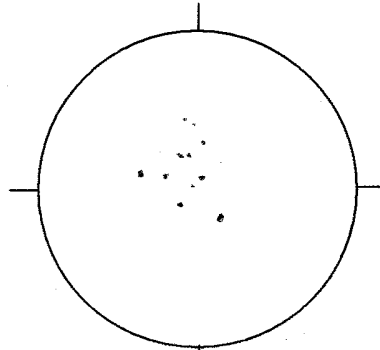
Date: 11/17/12	Time: 0150H	Activity: AP
Location: ACT		
Conditions:	Transparency ① ② ③ ④ ●	Seeing ① ② ③ ④ ● ⑤ ⑥ ⑦
Limiting Visual Magnitude: 6		

Object: SUDAN OR4	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: FINDER	Eyeiece: mm	Filter:
Notes: FINDER = 8X		
I CALL IT "HERCULES"		
SWEAT' FROM SOME		
OLD GUIDE		



#57
60

Object: D0027	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12"	Eyeiece: 24mm	Filter: —
Notes:		
5 MAIN STARS +		
A FEW OUTLYERS		



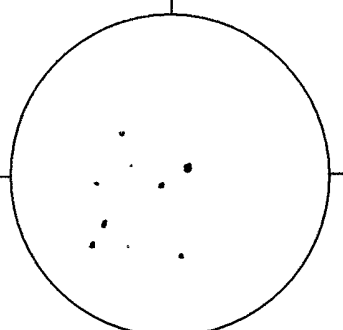
#58
61

RASC Visual Observing Log

Page:

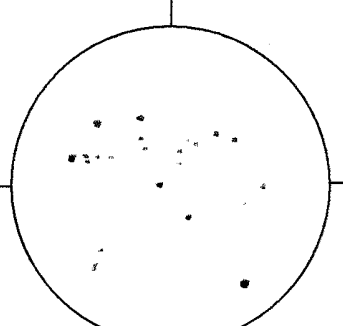
Date: 11/17/12	Time: 1:15 UT	Activity:
Location: ACT		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 6

Object: D.028	Cons: Her	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12"	Eyeiece: mm	Filter: —
Notes: 2 WIDE FIELDS		
W/A FEW AROUND		



#59
62

Object: ? MARK	Cons: Crt	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyeiece: mm	Filter: —
Notes: OLD FRIEND		
LOOKING FOR GALAXIES		
AND SATELLITES IN		
CETUS.		



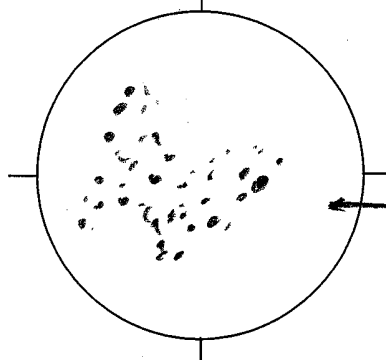
#90
97

RASC Visual Observing Log

Page:

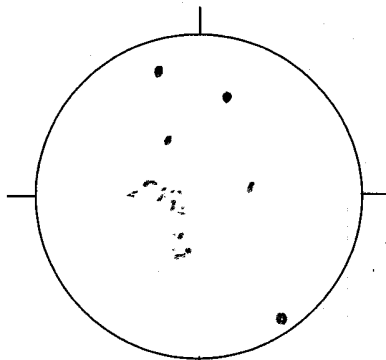
Date: 6/3/13	Time: 4:15	Activity: AST
Location: ACT		
Conditions:	Transparency ① ● ③ ④ ⑤	Seeing ① ② ● ④ ⑤ ⑥ ⑦
Limiting Visual Magnitude: 6.0		

Object: M6	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 22"	Eyepiece: 24mm	Filter:
Notes:		
Classz butterfly		
red		



AST 63

Object: Bode	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument:	Eyepiece: mm	Filter:
Notes:		
1 LINE SMALL CLOUD		
BODE INSTEAD		



AST 59

RASC Visual Observing Log

Page:

Date: 11/17/12	Time:	Activity:
Location: ACT		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 6

Object: PLEADIES	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 10x80	Eye-piece: mm	Filter: —
Notes:		
TOOK 30 MINUTES		
TO REALLY DRAW		
ALL THE DETAILS		
AND SOME HINTS OF		
NEBULOSITY - WHAT		
AN OBJECT!		

#91
98

Object: Markov 1	Cons: Her	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12"	Eye-piece: 24mm	Filter: —
Notes:		
Nice clump near		
a bright field		
star		

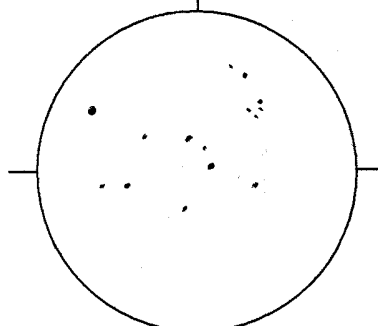
#61
64

RASC Visual Observing Log

Page:

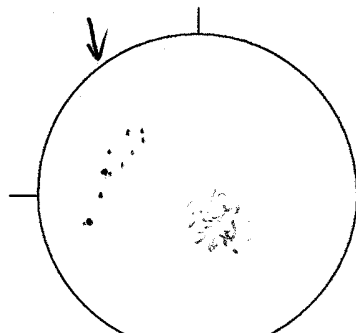
Date: 1/6/13	Time: 0:50	Activity: AP
Location: ACT		
Conditions:	Transparency ① ② ③ ● ⑤	Seeing ① ② ③ ● ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 6

Object: CIRCUT	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: IX	Eyepiece: mm	Filter:
Notes:		
WONDERFUL VIEW IN COUNTRY		



#113

Object: MEERUSCHAUW APE	Cons:	RA h m s
Type:	Mag/Size: 75x	Chart Ref:
Instrument: 12"	Eyepiece: 24 mm	Filter:
Notes:		
PIPE W/ LARGE BOWL & BRIGHT STEM		



N6834

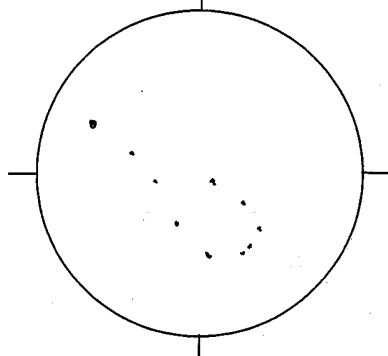
#70/71

RASC Visual Observing Log

Page:

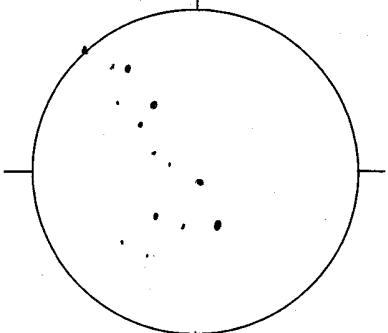
Date: 6/8/13	Time: 6:30 UT	Activity: AST
Location: ACT		
Conditions:	Transparency ① ② ③ ● ⑤	Seeing ① ② ③ ● ⑤ ⑥ ⑦
Limiting Visual Magnitude: 4.5		

Object: TENNIS RACKET	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12"	Eyepiece: 24 mm	Filter:
Notes:		
BADMINTON MATCH		



AST #70

Object: TOBACCO PIPE	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyepiece: mm	Filter:
Notes:		
LONG & PIPE BOWL		
EASY		



6/14/13 3:30 UT
C=III S=II
20x80 ACT

AST
#88

RASC Visual Observing Log

Page:

Date: 12/22/12	Time: 2:45	Activity: AS
Location: RMCC		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5.5

AST

Object: Vultur Irisone	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyepiece: mm	Filter:
Notes:		

#72

Object: FAIRY RING	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument:	Eyepiece: mm	Filter:
Notes:		

#75

Page:

AST

#72,

#74



ENGAGEMENT RIM
@ POLARIS

#10

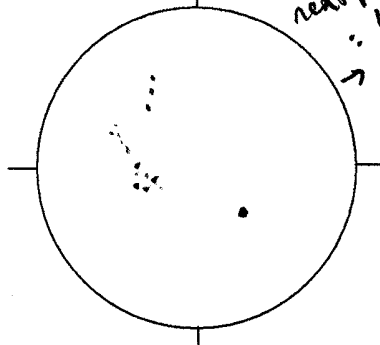
43

RASC Visual Observing Log

Page:

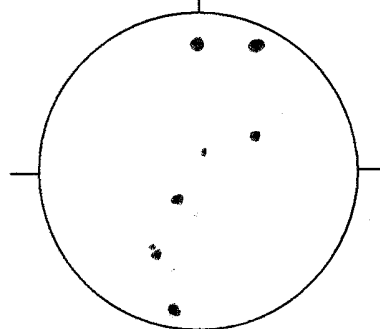
Date: 1/6/13	Time: 1:10	Activity: AP
Location:		
Conditions:	Transparency ① ② ③ ● ④	Seeing ① ② ③ ④ ● ⑤ ⑥ ⑦
Limiting Visual Magnitude: 6		

Object: CANE	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 12"	Eyepiece: mm	Filter:
Notes:		



#73
74

Object: BIG DIPPER	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 1X	Eyepiece: mm	Filter:
Notes:		
JUST RISING		
TIME = 4:00		



#108
109

Page:

Date: 12/22/12	Time: 2:55	Activity: AS
Location: RMCC		
Conditions:	Transparency ① ② ● ④ ⑤	Seeing ① ② ● ④ ⑤ ⑥ ⑦
	Limiting Visual Magnitude: 5.5	

[illegible]

#78

[illegible]

#83
84

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#108

SICUTVE 0:15 us 1x

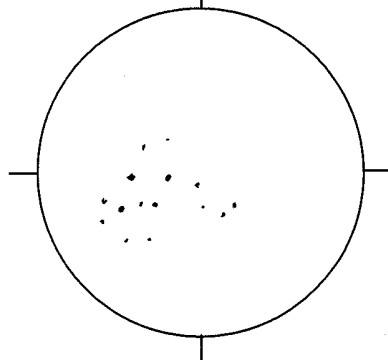
45

RASC Visual Observing Log

Page:

Date: 6/14/13	Time: NOTED	Activity: AST
Location: ACT		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5.8

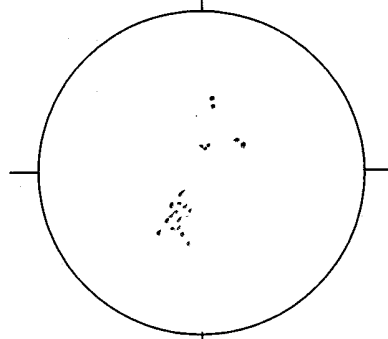
Object: DELPHINUS MINOR	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20X80	Eye piece: mm	Filter:
Notes:		
VERY GOOD COPY		
OF NEAR THING		



9:20 UT
20x80s

AST #89

Object: HD 196944	Cons: ADR	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20X80	Eye piece: mm	Filter:
Notes:		
COOL GROUP - WORSIARD		
STAR 2 DBLS		
TINY TRIPLE NEARBY		



9:25 UT

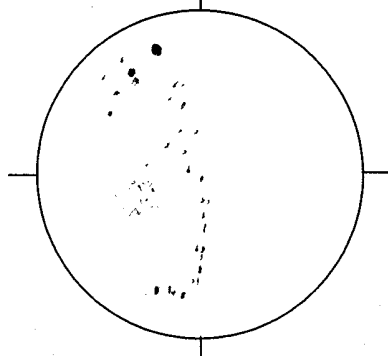
AST #77

RASC Visual Observing Log

Page:

Date: 6/14/13	Time: NOTED	Activity: AST
Location: ACT		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5.8

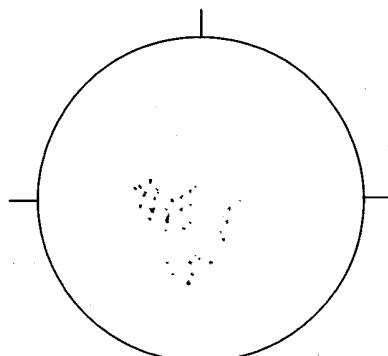
Object: BOWL OF STARS	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20X80	Eyeiece: mm	Filter:
Notes:		
HINT OF 7789 BUT		
THAT SLOWLY HURTS IT		
LOOKED AGAIN LATER -		
MORE COME, A HINT		
OF 7789		



6:30.5

AST #93

Object: PATCH 56	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 22"	Eyeiece: mm	Filter:
Notes:		
SEVERAL GROUPS		
IN AREA		



4:50.5

AST #79

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N 6910

C 419



47

RASC Visual Observing Log

Page:

Date: 6/14/13	Time: 11:00	Activity: AST
Location: ACT		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5.7

Object: THOMPSON 1	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 22"	Eye piece: 24 mm	Filter:
Notes:		
TINY "L" NEAR 3		
BRIGHT F.S. + A		
SMALL Δ CLUMP		
OF Faints		

9:30 UT
AST
#80

Object: FLYSWATER	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 22"	Eye piece: 24 mm	Filter:
Notes:		
TINY FLIES! GESS!		

9:40 UT
#82

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*Yel (yellow)

TOADSTOOL

22"
24mm

9:45 UT
AST
#86

LOOKED LIKE
HEADLESS MOON

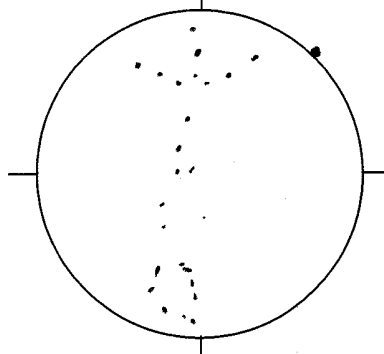
48

RASC Visual Observing Log

Page:

Date: 6/7/13	Time: 8:00	Activity: AST
Location: ACT		
Conditions:	Transparency ① ● ③ ④ ⑤	Seeing ① ● ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 6.0

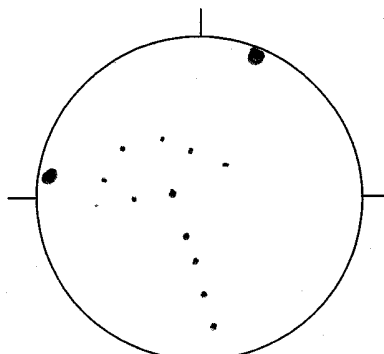
Object: SERPENT	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 22"	Eye-piece: 24mm	Filter:
Notes: CHARLIE BROWN'S		
XMAS TREE!		



AST 87

Q52

Object: ANDROMEDA	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument:	Eye-piece: mm	Filter:
Notes:		
PARTY BALLOON MIGHT		
FIT BETTER		



AST 90

RASC Visual Observing Log

Page:

Date: 11/22/12	Time: 0140	Activity: AP
Location: Home		
Conditions:	Transparency ① ② ③ ● ⑤	Seeing ① ② ③ ● ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5

Object: Kite	Cons: CW	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20x80	Eye-piece: mm	Filter:
Notes:		
Kite shape a little		
dubious, but 2 strings		
hanging down are		
obvious		

#89
96

Object: Kimble's Cascade	Cons: Cam	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20x80	Eye-piece: mm	Filter:
Notes: "Big" bright		
line leads to it, mag 7-9		
line down to OC		
N6C1502		

#92
99

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loc

50

RASC Visual Observing Log

Page:

Date: 6/7/13	Time: 8:15	Activity: AST
Location: ACT		
Conditions:	Transparency ① ● ③ ④ ⑤	Seeing ① ● ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 6.0

Object: YACHT	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 22"	Eyeiece: 24 mm	Filter:
Notes:		
UPSIDE DOWN BUT		
WELL NAMED, NEAT		
RUDDER & STEADY		
MAST		

AST 91

Object: TPX 1	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: "	Eyeiece: mm	Filter:
Notes:		
NICE GROUP - SEVERAL		
WIDE DBLS		

AST 92

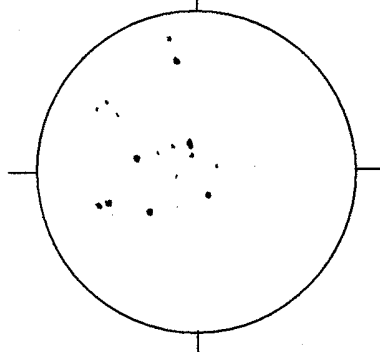
51

RASC Visual Observing Log

Page:

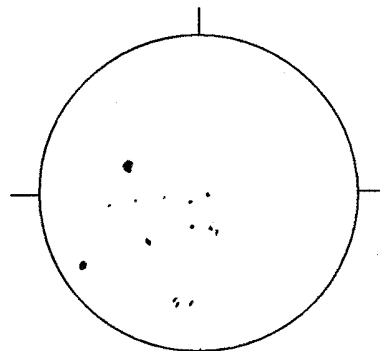
Date: 12/7/12	Time: 5:40	Activity: AS
Location: HOME		
Conditions:	Transparency ① ② ③ ● ⑤	Seeing ① ② ③ ④ ⑤ ● ⑦
		Limiting Visual Magnitude: 4.5 w/180D

Object: HOME PUMPER	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyeiece: mm	Filter:
Notes:		
DEFINITELY MATCHES		
NAME		



AST
94

Object: GOLF PUMPER	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyeiece: mm	Filter:
Notes:		
DIFFICULT TO TELL		
EXCEPT FOR PUMPER		
HEAD		



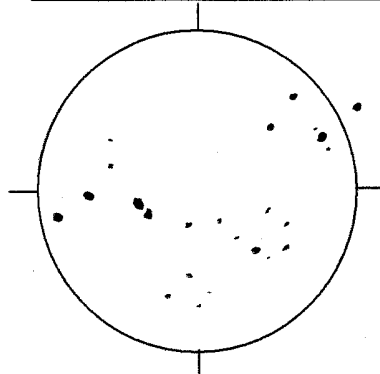
AST
95

RASC Visual Observing Log

Page:

Date: 12/5/12	Time: 1:45	Activity: AS
Location: HOME		
Conditions:	Transparency ① ② ③ ● ④	Seeing ① ② ③ ● ④ ⑤ ⑥ ⑦
Limiting Visual Magnitude:		

Object: DAMS 006	Cons: EAU	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20x80	Eye-piece: mm	Filter:



Notes:

MAIN 4 STARS EASY

BUT SEEMS NORTH

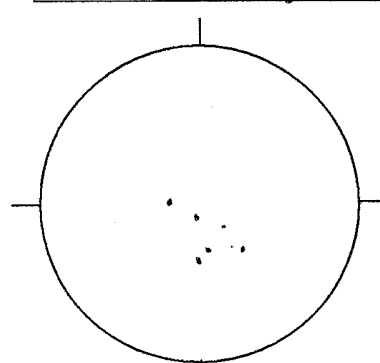
OF POSITION. SOME

GRAY @ POSITION

BUT NO SHAPE CERTAIN

AST
100

Object: "MINI-GLUS"	Cons: EQL	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20x80	Eye-piece: mm	Filter:



Notes: 21h21+3

"MINI-GLUS" SEEN:

WHITE CHECKING ON

A SATELLITE.

NIP #20

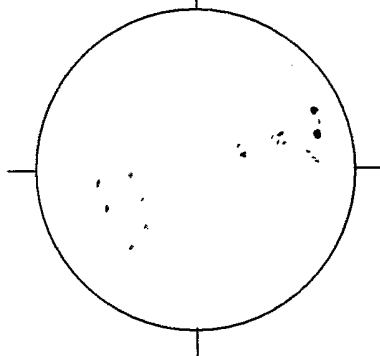
53

RASC Visual Observing Log

Page:

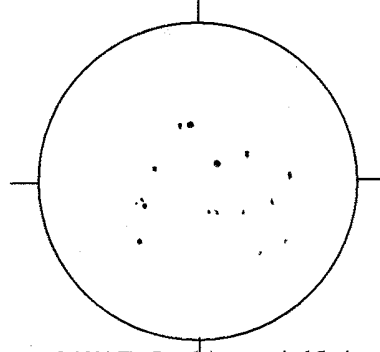
Date: 12/2/12	Time: 9:50	Activity: AS
Location: Home		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ● ⑦
Limiting Visual Magnitude: 4.5 w/d		

Object: STAR GUN	Cons: MON	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyeiece: mm	Filter:
Notes:		
9 MON. POINTING		
BAX		



AST
101

Object: WENY 7	Cons: CAS	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyeiece: mm	Filter:
Notes:		
BACKWARDS 7		
IN WEST		



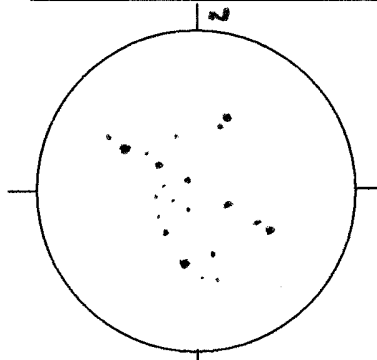
AST
107

RASC Visual Observing Log

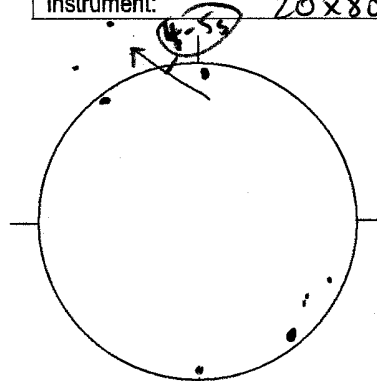
Page:

Date: 11/16/12	Time: 0:30	Activity: AP #106
Location: Home		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
Limiting Visual Magnitude: 5		

Object: COATHANGER	Cons: VUL	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyepiece: mm	Filter:
Notes: FIRST ONE TO SEE TO SEE THE PIN		
AN OLD FAVORITE		



Object: LITTLE BOX	Cons: CET	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyepiece: mm	Filter:
Notes: NOT IN PROGRAM BUT A FAVORITE OF MINE - CAN SEE IX IN COUNTRY. EACH FALL FLARING GEOSTATIONARY SATELLITES PASS THRU SOUTHERN		
SECTION.		



NIP #21

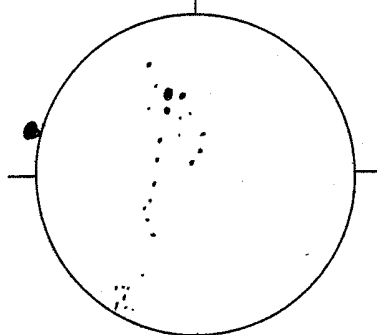
55

RASC Visual Observing Log

Page:

Date: 4/14/13	Time: 4:00	Activity: AST
Location: ACT		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5.5

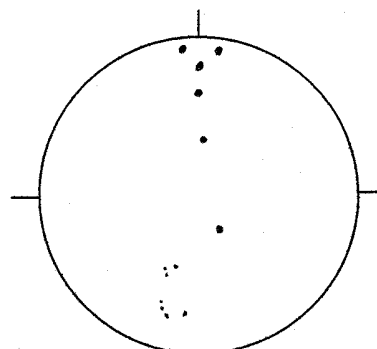
Object: SEA HORSE	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eye-piece: mm	Filter:



Notes:
LARGE WITH LINE

AST 104

Object: BABY SCORPION	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 11	Eye-piece: mm	Filter:



Notes:
21 FLD TO 5 HAS
A small

AST 105

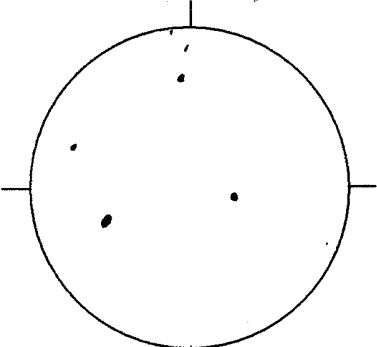
56

RASC Visual Observing Log

Page:

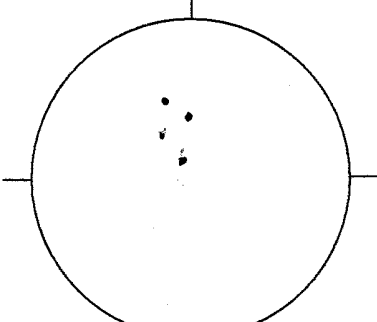
Date: 11/18/12	Time: 1:05	Activity: AP
Location: Home		
Conditions:	Transparency ① ② ③ ● ⑤	Seeing ① ② ③ ④ ● ⑥ ⑦
		Limiting Visual Magnitude: 5

Object: Key Stone	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 1x	Eye piece: mm	Filter:
Notes: LOW IN TREES		
NOW - SUMMER		
SPECTACLE		



#105
110

Object: Job's Cotton	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 1x	Eye piece: mm	Filter:
Notes: ONLY 4 IN		
1x VIEW - BINGOS		
COMPLETE DOLPHIN		



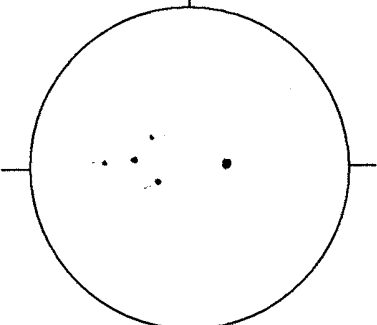
#107
112

57

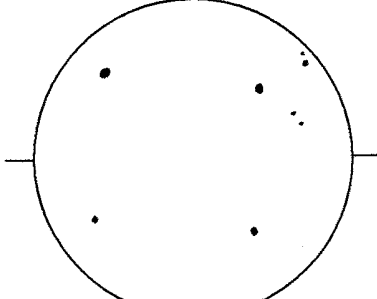
RASC Visual Observing Log

Page:

Date: 11/18/12	Time: 0:50	Activity: AP
Location: HOME		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5

Object: Wneter Jar	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 1X	Eyepiece: mm	Filter: -
 Notes: VERY PROMINENT FALL FAME		

#108
113

Object: Great Square	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 1X	Eyepiece: mm	Filter:
 Notes: SLIGHTLY TIPPED		

#140
115

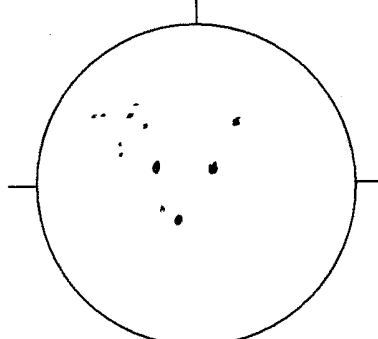
58

RASC Visual Observing Log

Page:

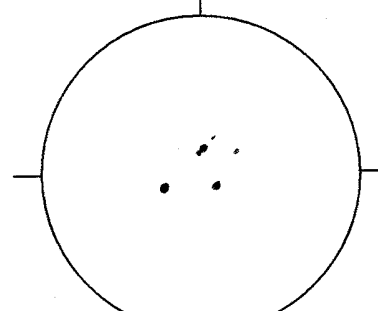
Date: 11/22/12	Time: 0:30	Activity: AP
Location: Home		
Conditions:	Transparency ① ② ③ ● ⑤	Seeing ① ② ③ ● ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5

Object: Bull of Ptolemy	Cons: Oph	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eye-piece: mm	Filter:
Notes:		
18h02 +3		



NIP #1

Object: Cap B A r	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eye-piece: mm	Filter:
Notes:		
π, o & Cap		
w/ tail (β _{1,2} , α _{1,2}) &		
Cap) to N		



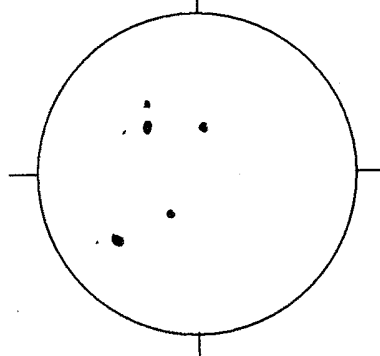
NIP #2

RASC Visual Observing Log

Page:

Date: 11/22/12	Time: 0:15 US	Activity: AP
Location: Home		
Conditions:	Transparency ① ② ③ ● ⑤	Seeing ① ② ③ ● ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5

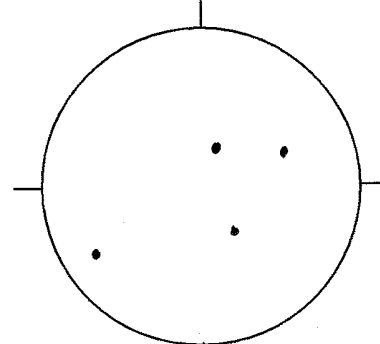
Object: Other Water Jnr	Cons: Apr	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20x80	Eye-piece: mm	Filter:



Notes:
21454 -3°

NIP #3

Object: Parallelogram	Cons: Sgr	RA h m s
Type:	Mag/Size:	Chart Ref:
Instrument: 20x80	Eye-piece: mm	Filter:



Notes:
Clockwise from NW =
ω, 59, 62, 60 Sgr
A favorite of mine in
fall satellite sweeps

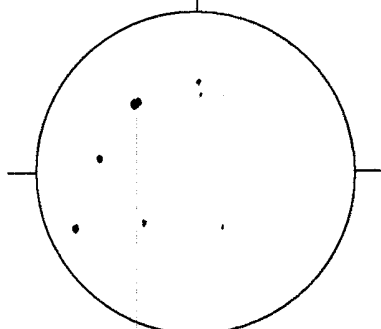
NIP #4

RASC Visual Observing Log

Page:

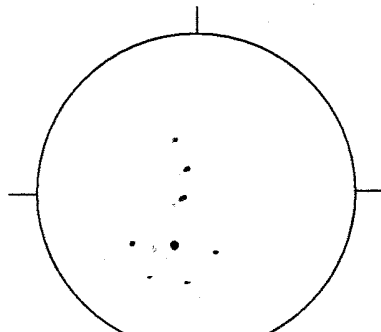
Date: 11/18/12	Time: 0:34	Activity: AP
Location: HOME		
Conditions:	Transparency ① ② ③ ④ ⑤	Seeing ① ② ③ ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 5

Object: Arrowhead; Little Can	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument:	Eye-piece: mm	Filter:
Notes:		
Cap/Ang		
1 ONCE "DISCOMFLEX"		
A SATELLITE HERE		



NIP #5

Object: Cygnus Rising	Cons: DM	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument:	Eye-piece: mm	Filter:
Notes:		
NOTICED WHILE		
DM		
SETTING UP FOR		
JAT BALL - COOL!		



NIP #6

HERSCHEL OBSERVATIONS

REPEATS -
MUST'VE
LOST RECORDS

NGC		SITE	TI	SEEING	III	TRANS	II	
CONST		V12	INSTR	20X80	EYEPIECE		POWER	20
			COMMENTS					
			MORTAR TOWER					
DATE	6/21/13							
TIME	2:10 UT							
NGC		SITE		SEEING		TRANS		
CONST			INSTR	↓	EYEPIECE	↓	POWER	
			COMMENTS					
			PHASER LN					
DATE	11							
TIME	3:15 UT							
NGC		SITE		SEEING		TRANS		
CONST			INSTR	↓	EYEPIECE	↓	POWER	
			COMMENTS					
			CHINESE KNOT					
			NICE STREAMERS					
DATE	11							
TIME	3:20 UT							
NGC		SITE		SEEING		TRANS		
CONST			INSTR	↓	EYEPIECE	↓	POWER	
			COMMENTS					
			CANDLE & HOLDER					
			LOOKS LIKE FILTER PLANE					
DATE	11							
TIME	3:25 UT							

ASS
49

ASS
48

ASS
65

ASS
67

102268
1X
3:40

AST
68

AST
69

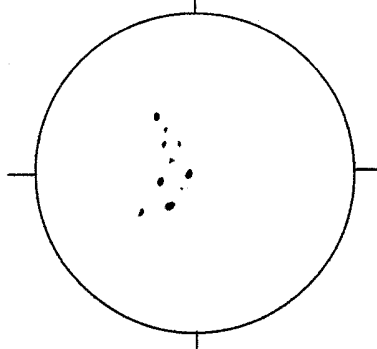
6/21
6/22

Ast
47

OSE
ROSS
154/
V1216
S6R
63

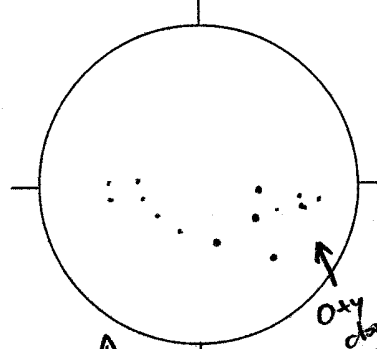
Date: 4/1/13	Time: 19:17	Location: ACT
Conditions:	Transparency ① ● ③ ④ ⑤	Seeing ① ② ③ ④ ● ⑥ ⑦
		Limiting Visual Magnitude: 6.0

Object: PHASED GUN	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eye-piece: mm	Filter:



Notes:
PRETTY EASY TO
SEE SHAPE

Object: TREE LEAF	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eye-piece: mm	Filter:



Notes:
WHERE'S THE LEAF?

5/1/13 Home
CIT=II S=III
LVM=4.5
2:40 UT

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#43

5/1/12
MIP NIP
13h25
-5
20x80
2:20

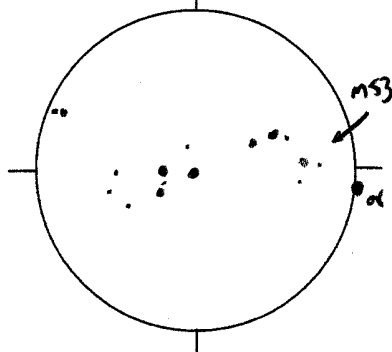


RASC Visual Observing Log

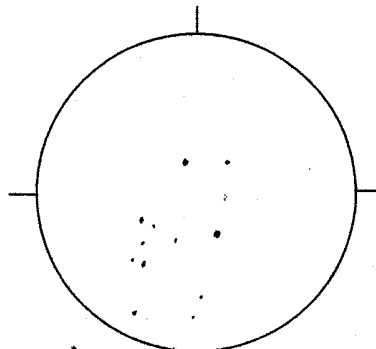
Page:

Date: 5/1/13	Time: 2:50	Activity: AST
Location: HOME		
Conditions:	Transparency ① ● ③ ④ ⑤	Seeing ① ② ● ④ ⑤ ⑥ ⑦
		Limiting Visual Magnitude: 4.5

Object: SAND SWIRL	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument: 20x80	Eyeiece: mm	Filter:
Notes:		
MICE GROUP 2		
NEAR MS3 - SEEN		
WELL		

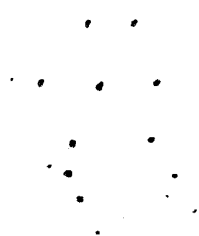


Object: THE SHARK	Cons:	RA h m s
Type:	Mag/Size:	Chart Ref: Dec ° m s
Instrument:	Eyeiece: mm	Filter:
Notes:		
BIG - FIN STICKS		
OUT A BIT		



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CHINESE KITE



4:00UT
MICE
SHAPE
WITH
STREAMY
TAIL

DRILL GUN



4:10
MAIN
GROUP
BRIGHT

(SUNDAY)
5/27/13
HOME
3:27UT

ALL 5/27/13
MINI-CAS

4:25
VERY
EASY BUT
"2" IS OFF

CHARLOT
HOLDER
4:40
MORE
LIKE
A FACE
"CYGNUS"

