

HERSCHEL OBSERVATIONS

NGC 8714		SITE Act	SEEING II	TRANS II-
CONST		INSTR 22	EYEPiece 10x	POWER 240
		COMMENTS		
		F45		
DATE 7/26/14		CONFIRMED 7/27		
TIME 3:35 US		BETTER VIEW W/MORNING		
NGC 5579+80		SITE	SEEING " "	TRANS " "
CONST		INSTR ↓	EYEPiece 10x	POWER 240
		COMMENTS		
		HINTS OF CONNECTION?		
DATE "				
TIME 3:45 US				
NGC 6238		SITE	SEEING " "	TRANS " "
CONST		INSTR ↓	EYEPiece 10x	POWER "
		COMMENTS		
		NICE - W/3 STARS ON BD66		
DATE "				
TIME 3:58				
NGC 5529		SITE	SEEING	TRANS
CONST		INSTR	EYEPiece 10x	POWER
		COMMENTS		
		check fid F45		
DATE "		wow! yes		
TIME 4:05		nice outline		
		Dust lane		

AFCA 171

EXMA
ALP
69

TITV
OPT

AFCA 166

9 1/2 off
12 mag
10-11
12-8 W 1

HERSCHEL OBSERVATIONS

NGC 6826 + 16 Cnp		SITE 0-T	SEEING II	TRANS II
CONST C49		INSTR 22"VC	EYEPiece 24	POWER 100
DATE 9/24/14		COMMENTS ALWAYS NICE TO SEE		
TIME 8:00 UT		↑VE WHEN "BLINKING"		
NGC FIG 12 =		SITE ↓	SEEING II	TRANS II
CONST UG 711		INSTR ↓	EYEPiece 10	POWER 240
DATE "		COMMENTS I SEE "SOME" NUCLEUS BT		
TIME 8:15 UT		FANT, PAN 450		
NGC CONST HERCUL		SITE 0-T	SEEING II	TRANS II
CONST		INSTR 20x80	EYEPiece —	POWER 20
DATE 9/25/14		COMMENTS 20x80		
TIME 2:15		WED		
NGC B1428143		SITE ↓	SEEING ↓	TRANS ↓
CONST Ag1		INSTR ↓	EYEPiece ↓	POWER ↓
DATE "		COMMENTS MORE CAN 20x80		
TIME 2:30		EASY TO SEE IN THESE SITES!		

TIV
TVE

FUT

WED

← 1st! 568 (2Fids away)
HERSCHEL OBSERVATIONS

NGC 623/619/612	+568	612	SITE Onic-Tex	SEEING II	TRANS II
CONST Scl			INSTR 22"UC	EYEPiece 10	POWER 240
			COMMENTS NICE GROUP!		
DATE 9/25/14			← 619		
TIME 5:50 UT			← 623		
ESO 473-6025			SITE ↓	SEEING ↓	TRANS ↓
CONST SCL			INSTR ↓	EYEPiece ↓	POWER ↓
			COMMENTS W NICE, BRIGHT (RELATIVELY)		
DATE "			NEXT TO F.S. PA ~ 80°		
TIME 6:10 UT					
NGC 612			SITE ↓	SEEING ↓	TRANS ↓
CONST Cet			INSTR ↓	EYEPiece ↓	POWER ↓
			COMMENTS NICE Δ OF F.S. & VERY		
DATE "			NEAR β Cet FS NEXT TO		
TIME 6:20 UT			IT ALSO. PA ~ 80°		
NGC MCG-2-3-16			SITE ↓	SEEING "	TRANS ↓
CONST 2-3-15			INSTR ↓	EYEPiece 10	POWER ↓
			COMMENTS "FLAT" IS STRANGE - FLARED		
DATE "			AT EACH END PA 90°		
TIME 6:35 UT					

ALT
TITV

FL

FL

FL
ALT
TITV

HERSCHEL OBSERVATIONS

NGC MCC 1-5-47		SITE Ohio-Tex	SEEING II	TRANS II
CONST Cet		INSTR 22" UC	EYEPiece 10	POWER 240
DATE 9/25/14		COMMENTS NICE, MVC & FS NEAR CENTER SEEM A BIT OF 'BREAK' IN GLOW (→) PA=		
TIME 7:25 AM		← AV=3 MAC 0152-0325 → REVISIT ← AV=5 MAC 0152-0323 → LOOKS LIKE I DREW ON WRONG SIDE ON WAS FOOLISH		
NGC 268		SITE ↓	SEEING "	TRANS "
CONST Cet		INSTR ↓	EYEPiece 24	POWER 100
DATE "		COMMENTS LOVELY LITTLE GLOW - COMPACT		
TIME 7:45 AM				
NGC 7332/7339		SITE ↓	SEEING "	TRANS "
CONST PEG		INSTR ↓	EYEPiece 10	POWER 240
DATE "		COMMENTS NICE PAIR, 7332 IS BRIGHTER HAS SOME DETAIL W/ MVC APPARENT 7339 DIMMER BUT MVC & SOME MOTTLE		
TIME 8:15 AM				
NGC 7385/7386 + 7383		SITE	SEEING	TRANS
CONST PEG		INSTR	EYEPiece 10	POWER
DATE "		COMMENTS WHAT A GROUP! ALL SEEN FOR SURE, BUT ← 7390 = AV=2 ← 7389 = AV=2		
TIME 8:40 AM				

FUT

H3

TITV

TITV
GGC?

7386 7387

4

↑ 5

F200

5

HERSCHEL OBSERVATIONS

NGC M38		SITE OKIE-TEX	SEEING II	TRANS I
CONST AUL		INSTR 22 UC	EYEPiece 24	POWER 100
DATE 9/27/14		COMMENTS BIG open cluster		
TIME 5:55 UT				
NGC 672 + 1		SITE ↓	SEEING ↓	TRANS ↓
CONST 121727		INSTR ↓	EYEPiece ↓	POWER ↓
DATE "		COMMENTS MIS IDENTIFIED -		
TIME 6:45		IT'S IN 22" UC.		
NGC 907 + 817		SITE ↓	SEEING ↓	TRANS ↓
CONST		INSTR ↓	EYEPiece ↓	POWER ↓
DATE "		COMMENTS seen 24mm as sparse		
TIME 6:45		better binoc as shown		
NGC UG 11435		SITE	SEEING	TRANS
CONST DLA		INSTR	EYEPiece 10	POWER
DATE "		COMMENTS SEEMS TO HAVE A BREAK IN		
TIME 7:00 UT		DISK, BUT THAT MAY BE		

SK

TITV

FA #194

6

SA

PA ~ 80°

HERSCHEL OBSERVATIONS

NGC 6520+B86		SITE OKIE-TEX	SEEING II	TRANS I
CONST SGA		INSTR 22 UC	EYEPiece 24	POWER 100X
DATE 9/27/14		COMMENTS		
TIME 2:05 UT		OC w/ ON AND THEN		
		ORANGE STAR		
		MCE FIELD		
NGC 161197		SITE	SEEING II	TRANS I
CONST SGA		INSTR ↓	EYEPiece 10	POWER 240
DATE "		COMMENTS		
TIME 2:15 UT		SUPER RESOLVE! PA ~ 60°		
NGC 281		SITE	SEEING II	TRANS I
CONST CAS		INSTR ↓	EYEPiece 10	POWER 240
DATE "		COMMENTS		
TIME 2:30 UT		LIVES UP TO "PAR-MAN"		
		NAME - NICE GROUP		
		OF 3 STARS IN MIDDLE		
		(TABLETS JUST SWALLOWED?)		
NGC 457		SITE	SEEING	TRANS
CONST CAS		INSTR ↓	EYEPiece	POWER
DATE "		COMMENTS		
TIME 2:40		yellowish brightest "eye"		
		IN SPIDER MAN M ("ET")		
		CLUSTER		

T1TV
ALT

FLAT
#185

SLK

SLK

7
EX

HERSCHEL OBSERVATIONS

NGC 1734		SITE OKIE-TEX	SEEING II	TRANS I	
CONST PEN		INSTR 22"UC	EYEPiece 24	POWER 100	
		COMMENTS NICE BRIGHT & LOOSE			
DATE 9/26/14					
TIME 2:40					
NGC UGC 542		SITE	SEEING "	TRANS "	
CONST PEN		INSTR ↓	EYEPiece 40	POWER 240	
FG #10		COMMENTS PA ~ 170° NVC SEEN			
		OK EVEN W/WIDE FIELD - NICE F.S.			
DATE "					
TIME 2:50					
NGC 145 (any?)		SITE	SEEING "	TRANS "	
CONST Cet		INSTR ↓	EYEPiece 10	POWER 240	
		COMMENTS STRANGE SHAPE & LINE OF STARS ABOVE IT.			
		NO ARM SEEN			
DATE "					
TIME 3:00					
NGC UGC 711		SITE	SEEING "	TRANS "	
CONST Cet		INSTR ↓	EYEPiece 10	POWER 240	
FG #12		COMMENTS V. FAINT & TINY, NVC TINY, F.S. ALMOST ON ONE SIDE OF GLOW (10m)			
DATE "					
TIME 3:10					

OK

FLAT

ALP 19 (SEEN B4)

FLAT CONFIRMED

8

HERSCHEL OBSERVATIONS

NGC 2129		SITE OKW-TEX	SEEING II	TRANS I
CONST Gem		INSTR 22UC	EYEPiece 24	POWER 100
DATE 9/27/14		COMMENTS		
TIME 9:30		SMALL OC NEAR FS.		
NGC MK2+7635		SITE	SEEING	TRANS
CONST CAS		INSTR	EYEPiece	POWER
DATE "		COMMENTS		
TIME 9:40		JUST FITS - NICE BUBBLES "ON" STAR		
NGC M88/a0		SITE	SEEING	TRANS
CONST CAS		INSTR	EYEPiece	POWER
DATE "		COMMENTS		
TIME 10:00		2 OC'S THAT DON'T STAND OUT MUCH FROM MILKY WAY		
NGC UGC 12506		SITE	SEEING	TRANS
CONST Peg		INSTR	EYEPiece	POWER
DATE "		COMMENTS		
TIME 10:10 UT		PAN 75° SMALL, VERY THIN & FLAT, COMPACT NUC		

TITV

TITV

FUT

9

NGC 1115		SITE ONE-TEX	SEEING II	TRANS I
CONST PEG		INSTR 22" JC	EYEPiece 10	POWER 240
DATE 9/27/14		COMMENTS		
TIME 7:00 UT				
NGC F6209		SITE	SEEING	TRANS
CONST Peg		INSTR ↓	EYEPiece 10	POWER ↓
UGC 11964		COMMENTS		
DATE "		No! N 7241 only		
TIME 7:10 UT		SITE	SEEING	TRANS
NGC 7317 7318 88		INSTR ↓	EYEPiece	POWER
CONST 7319 7320		COMMENTS		
DATE " 7318 →		split the one for sure this time		
TIME 7:25 UT 7319 w/ls		SITE	SEEING	TRANS
CONST UGC 12281		INSTR ↓	EYEPiece 10	POWER
DATE " 7318 →		COMMENTS		
TIME 7:40 UT		SUPER THIN w/ NO NUCLE 2 F.S. ON ONE SIDE		

SK

REV/S11

TITV

FLAT

10

NGS- <u>UCC 7125</u>		SITE	ACT	SEEING	II	TRANS	III	
CONST		CNV	INSTR	22UC	EYEPiece	10E	POWER	240
DATE		3/25/15	COMMENTS 24 also - just glimpsed AV=4 (24mm) AV=3 (10mm) NO DETAIL - PA = 80°					
TIME		2:20						
NGS- <u>UCC 7125</u>		SITE		SEEING	"	TRANS	"	
CONST			INSTR	↓	EYEPiece	24	POWER	100
DATE		"	COMMENTS ANY OTHER TIME, WOULD BE A HEADLINE, BUT RECEIVING.					
TIME		2:30						
NGS- <u>Box 11</u>		SITE		SEEING		TRANS		
CONST		CMA	INSTR	↓	EYEPiece	↓	POWER	
DATE		"	COMMENTS FUN TO ME WHILE CLEAN - SPARSE					
TIME		4:00						
NGS- <u>HAL 6</u>		SITE		SEEING		TRANS		
CONST			INSTR	↓	EYEPiece	↓	POWER	
DATE		"	COMMENTS CLUMP					
TIME		4:05						

Run
113

HAL 6

← VERY BIA

11

HERSCHEL OBSERVATIONS

H3
X31

H3
ALL3

NGC 4568+4569		SITE	ACT	SEEING	II	TRANS	III
CONST 4564		INSTR	22UC	EYEPIECE	24	POWER	100
DATE		3/25/15	COMMENTS				
TIME		4:30	← THE "CLAM"				
NGC 9169		SITE	↓	SEEING	"	TRANS	"
CONST B00		INSTR	↓	EYEPIECE	105	POWER	240
DATE		"	COMMENTS				
TIME		4:45	EXTREMELY FAINT & SMALL				
NGC 5054+		SITE	↓	SEEING	"	TRANS	"
CONST VIR		INSTR	↓	EYEPIECE	24	POWER	100
DATE		"	COMMENTS				
TIME		4:55	← 5054 BRIGHT CLUMP				
NGC		SITE		SEEING		TRANS	
CONST		INSTR		EYEPIECE		POWER	
DATE			COMMENTS				
TIME			← 5054 SEEN BUT NO DETAIL OF RING				
NGC		SITE		SEEING		TRANS	
CONST		INSTR		EYEPIECE		POWER	
DATE			COMMENTS				
TIME			← 5035 SMALL GLOW, MOTTLED				

TITV
63

FLAT
167

TITV
69
5017
H3

HERSCHEL OBSERVATIONS

NOC MFC 3-38-8		SITE Acr	SEEING II	TRANS I
CONST		INSTR 22WC	EYEPIECE 70	POWER 240
DATE 6/9/15		COMMENTS WONDERFUL! SMALL "DIP" PA ~ 170° NOT MUCH OTHER		
TIME 4:00		DETAIL - VERY LOW & FAINT		
NOC 830 576-6011		SITE ↓	SEEING "	TRANS "
CONST VIR		INSTR ↓	EYEPIECE 10	POWER 11
DATE "		COMMENTS EVEN DIMMER & SMALLER		
TIME 7:20		BUT SEEN PA = 180°		
NOC 4174 + 4175		SITE ↓	SEEING ↓	TRANS ↓
CONST +4169		INSTR ↓	EYEPIECE ↓	POWER ↓
DATE "		COMMENTS ALEXSON 6.1 (THE CHECKS "BOX")		
TIME 4:30		← SEEMS TO MISS ONLY 4173!		
NOC VBC 7321		SITE ↓	SEEING ↓	TRANS ↓
CONST Com		INSTR ↓	EYEPIECE ↓	POWER ↓
DATE "		COMMENTS LOOKS OK, NO SW		
TIME 4:45		FOR CURS AROUND DIDNT GET BACK TO IT - STILL A NICE SIGHT PA = 90°		

PLAT
173

PLAT
152

~~PLAT~~
116

PLAT
123

575
526
3423

HERSCHEL OBSERVATIONS

NGC 4183		SITE ACT	SEEING II	TRANS I
CONST		INSTR 22UC	EYEPIECE 10	POWER 240
DATE 6/9/15		COMMENTS		
TIME 5:00		REVISITED & VERIFIED - 6/20/15 VERY DIM & THIN, PA=160°		
NGC 4138		SITE	SEEING	TRANS
CONST		INSTR	EYEPIECE	POWER
DATE		COMMENTS		
TIME		LOVELY SPINEL NOTICED WHILE SWEEPING		
NGC 6611		SITE ACT (36°N/16°W)	SEEING II	TRANS II
CONST SER		INSTR 22" UC	EYEPIECE 24	POWER 100X
TYPE = OCT NEB		COMMENTS		
DATE 6/9/15		NOT AS GREAT AS OTHER TIMES W/ OBJECT A LITTLE LOW BUT BEFORE MOON RISE. STILL FANTASTIC - GOOD DETAIL & RICH CLUSTER. MISSING BACK GRAMP "GLOW" FL=2400mm		
NGC 4289		SITE ACT	SEEING II	TRANS II-
CONST V12		INSTR 22UC	EYEPIECE 10	POWER 240
DATE 6/20/15		COMMENTS		
TIME 3:10		VERY DIFFICULT 3rd TIME TO CHECK IT PA=0° NEAR A FIELD STAR		

FLAT
117

H2
O2

SK
(MAY)

FLAT
125

HERSCHEL OBSERVATIONS

NGC ♀		SITE ACT	SEEING III	TRANS I -
CONST		INSTR 22UC	EYEPiece 10	POWER 270
		COMMENTS		
DATE 6/28/15				
TIME 228.5				
NGC 4		SITE	SEEING	TRANS
CONST		INSTR ↓	EYEPiece 10	POWER ↓
		COMMENTS		
		A HOLE OR SHAD?		
		B RIE DEEP DIP HOLE		
DATE 11				
TIME 232				
NGC h		SITE	SEEING	TRANS
CONST		INSTR ↓	EYEPiece	POWER ↓
		COMMENTS		
DATE 11				
TIME 236				
NGC 5526		SITE	SEEING	TRANS
CONST UMa		INSTR ↓	EYEPiece 10	POWER ↓
		COMMENTS		
		PA = 135° ENTRY ORIGIN		
		W/STAR NEAR IT. NO SIGN		
DATE 11				
TIME 4:20				

FUT
165

15

HERSCHEL OBSERVATIONS

NGC 4173		SITE ACT	SEEING II	TRANS II
CONST		INSTR 22UC	EYEPIECE 10	POWER 240
		COMMENTS PA ≈ 140 for 4173.		
		FINALLY GOT ALL 4 IN "THE BOX" AND WHAT A SIGHT!		
DATE 7/14/15				
TIME 3:20 hr				
NGC UGC 9169		SITE ↓	SEEING ↓	TRANS
CONST B90		INSTR	EYEPIECE ↓	POWER
		COMMENTS SMALL & VERY DIM		
		PA ≈ 45° NO DETAIL		
DATE 11				
TIME 3:40 hr				
NGC 6453 + M7		SITE ↓	SEEING "	TRANS "
CONST + CR 355		INSTR	EYEPIECE 24	POWER 100
		COMMENTS M7 GC EASY - CR 355 HARDER TO DISTINGUISH DIDN'T FILL IN HERE M7 STARS THAT 21 PLO		
DATE 11				
TIME 3:50				
NGC		SITE	SEEING	TRANS
CONST		INSTR	EYEPIECE	POWER
		COMMENTS		
DATE				
TIME				

FLAT
GOLD
116

FLAT
167
GOLD

(ADVISIT)

SKETCHY
TITV
AFTER

HERSCHEL OBSERVATIONS

NGC VCE 9249		SITE ACT	SEEING II	TRANS II
CONST B00		INSTR 22 UC	EYEPIECE 10	POWER 240
DATE 7/15/15		COMMENTS PA=85 MUCH EASIER W/ BRIGHT FIELD STAR JUST N OF IT. SLIGHT BRIGHTER SPOT NEAR NUC.		
TIME 3:45				
NGC 5928		SITE L	SEEING "	TRANS "
CONST		INSTR	EYEPIECE 10	POWER 240
DATE "		COMMENTS LOVELY - OVAL NUC PROMINENT SOME MOTTLE TO ARMS		
TIME 4:00				
NGC U NUC		SITE ↓	SEEING ↓	TRANS ↓
CONST VCE 9841		INSTR	EYEPIECE 10	POWER
DATE "		COMMENTS SOME "WAVY" SHAPE TO IT. PA=45°		
TIME 4:05				
NGC 6325		SITE ↓	SEEING ↓	TRANS ↓
CONST		INSTR	EYEPIECE 10	POWER
DATE "		COMMENTS GRAINY OVAL CIRCLE W/ "SPOT" NUCLEUS. (B/C IT'S A GC NOT A GX!)		
TIME 4:20				

FRAT
GOLD
169

NIP-
SHOULD
BE

FRAT
GOLD
181

NIP-
SHOULD
BE

HERSCHEL OBSERVATIONS

NGC 6426		SITE ACT	SEEING II	TRANS II
CONST		INSTR 22UC	EYEPiece 24	POWER 100
		COMMENTS		
		SMALL GC EASILY SEEN		
DATE 7/10/16				
TIME 5:05				
NGC 1C 1276		SITE	SEEING	TRANS
CONST 2er		INSTR	EYEPiece	POWER
		COMMENTS		
		Also small GC		
		GOOD (AND DIM FIELDS)		
DATE 7/15/15				
TIME 8:15				
NGC 4173 +		SITE	SEEING II	TRANS II
CONST ("THE BOX")		INSTR	EYEPiece 10	POWER 240
		COMMENTS		
		RETURN TO CONFIRM		
		- STILL A GREAT GROUP		
DATE 7/16/15				
TIME 3:40				
NGC 764		SITE	SEEING	TRANS
CONST		INSTR	EYEPiece	POWER
		COMMENTS		
		GREAT LOOK AT Q50		
		LARGE		
DATE				
TIME 4:00				

H1
(OUB)

GC
(OUB)

Felt
GOLD
116
CONFIRM

M
(OUB)

HERSCHEL OBSERVATIONS

NGC 7290 (?)		SITE	Okre-Tex	SEEING II	TRANS II
CONST Peg		INSTR	22x8	EYEPiece 10	POWER 240
DATE 9/14/15		COMMENTS			
TIME 2:20 AM		Elliptical seen w/ halo elliptical w/ no detail			
NGC 11994		SITE	↓	SEEING ↓	TRANS ↓
CONST Peg		INSTR	↓	EYEPiece ↓	POWER ↓
DATE 11		COMMENTS			
TIME 2:30		FLAT PA 120° HINTS OF "2 LAYERS" LISTED W/ PROGRAM NOTES, BUT NOT CONTAIN			
NGC 3735		SITE	↓	SEEING ↓	TRANS ↓
CONST		INSTR	↓	EYEPiece ↓	POWER ↓
DATE 4		COMMENTS			
TIME 2:50 AM		ALMOST A FLAT, WITH ROUND COMPACT NUC.			
NGC M66-1-53-12		SITE	↓	SEEING "	TRANS "
CONST Apr		INSTR	↓	EYEPiece 10	POWER "
DATE "		COMMENTS			
TIME 3:10		PA 0° VERY SMALL BUT SEEN (AV=2) NO DETAIL			

PG 210

H3

PG 201

HERSCHEL OBSERVATIONS

NGC 100		SITE 0-T	SEEING II	TRANS II
CONST		INSTR 22UC	EYEPiece 10	POWER 240
		COMMENTS		
		FLAT! 6x1		
DATE 9/16/18				
TIME 3:45				
NGC 104		SITE	SEEING	TRANS
CONST		INSTR	EYEPiece	POWER
		COMMENTS		
		"GROSS" - BUT SOME		
		DETAIL, ARMS & NVC, SOME		
DATE 11				
TIME 4:00				
NGC 1		SITE	SEEING "	TRANS "
CONST		INSTR	EYEPiece 10x2	POWER 480
		COMMENTS		
DATE 11				
TIME 4:15				
NGC V611326		SITE	SEEING "	TRANS "
CONST Her		INSTR	EYEPiece 10	POWER 240
		COMMENTS		
		FLAT, "PULSED" TO FS ON END		
		OR IS THAT 2 LAYER, AT		
DATE 11				
TIME 4:25				

FILE
FB
4

FB
191

PAZ 90°

20

HERSCHEL OBSERVATIONS

NGC 5611		SITE O-T	SEEING II	TRANS II	
CONST		INSTR 22vc	EYEPIECE 10	POWER 246	
		COMMENTS			
		SMALL, W/ NVC ON FS			
		ON ONE SIDE			
DATE 9/16/15					
TIME 2:45					
NGC 122		SITE	SEEING	TRANS	
CONST		INSTR	EYEPIECE	POWER	
		COMMENTS			
		SWOOSH TO E SIDE?			
		NO PATCHY GAL TO BE SEEN			
DATE 9/16/15					
TIME 2:05					
NGC		SITE	SEEING	TRANS	
CONST		INSTR	EYEPIECE	POWER	
		COMMENTS			
DATE					
TIME					
NGC		SITE	SEEING	TRANS	
CONST		INSTR	EYEPIECE	POWER	
		COMMENTS			
DATE					
TIME					

FG
3

HERSCHEL OBSERVATIONS

NGC 7241		SITE 0-T		SEEING II	TRANS II
CONST		INSTR 22VC		EYEPIECE 10	POWER 240
DATE 9/17/15		COMMENTS			
TIME 3:00		WONDERFUL FLAT LINE			
N ↓		MEAN ELONG			
		(ASSUMED) TIPPED			
		← 7241 SINK W/			
		NVC ← SHORT			
		ARMS			
		PA=300			
NGC 7331		SITE ↓		SEEING ↓	TRANS
CONST +7335		INSTR ↓		EYEPIECE ↓	POWER
+ 7337		COMMENTS			
+ 7340		MAIN "MONSTER" PLUS			
DATE "					
TIME 3:20		SATELLITES AV=1, 3, 3, 3			
NGC		SITE ↓		SEEING ↓	TRANS
CONST		INSTR ↓		EYEPIECE ↓	POWER
DATE "		COMMENTS			
TIME 3:45		STEPHAN'S QUINTET			
		ALL SEEN! DIMMER			
		(7317) AV=2			
NGC 7356		SITE ↓		SEEING ↓	TRANS
CONST		INSTR ↓		EYEPIECE ↓	POWER
DATE "		COMMENTS			
TIME 4:00		NICE, NOT MUCH DETAIL			

RK
209

22

HERSCHEL OBSERVATIONS

NGC 6008		SITE O-T	SEEING II	TRANS II
CONST		INSTR 22UC	EYEPIECE 10	POWER 240
		COMMENTS		
		4-9s = 0 sat ←		
DATE 9/18/15				
TIME 2:10				
NGC 10043		SITE ↓	SEEING ↓	TRANS
CONST Ser		INSTR ↓	EYEPIECE ↓	POWER
		COMMENTS		
		TINY FAINT MVC, STREAK		
		IS AVE=4 AND SHORT		
DATE //				
TIME 2:25				
NGC 5918		SITE ↓	SEEING ↓	TRANS
CONST		INSTR ↓	EYEPIECE ↓	POWER
		COMMENTS		
DATE //				
TIME 2:40				
NGC 29780		SITE ↓	SEEING ↓	TRANS
CONST		INSTR ↓	EYEPIECE ↓	POWER
		COMMENTS		
		WELL DEEN BURNING		
		VERY FLAT PA 150°		
DATE //				
TIME 2:55				

FG 184

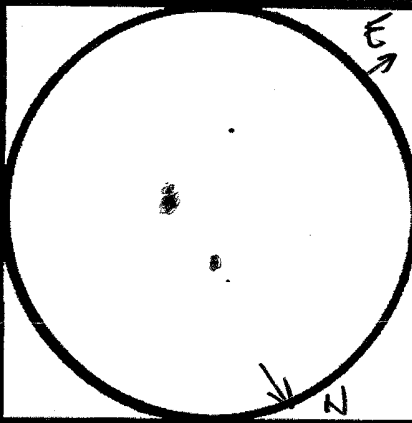
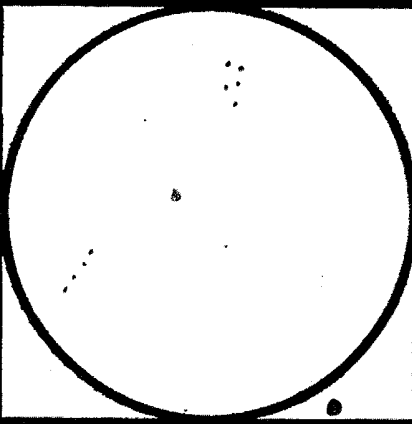
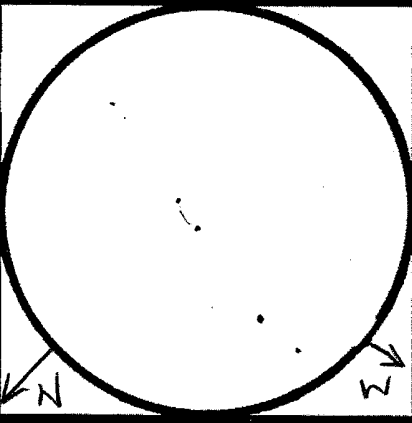
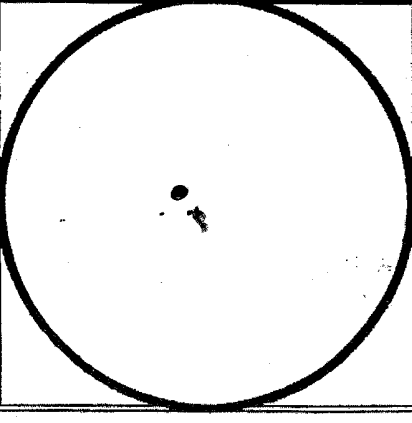
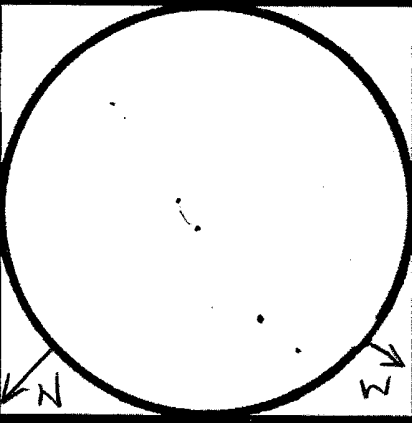
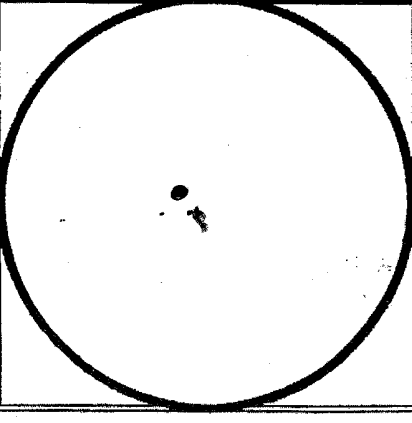
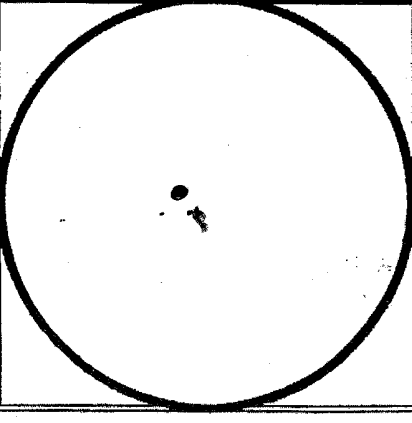
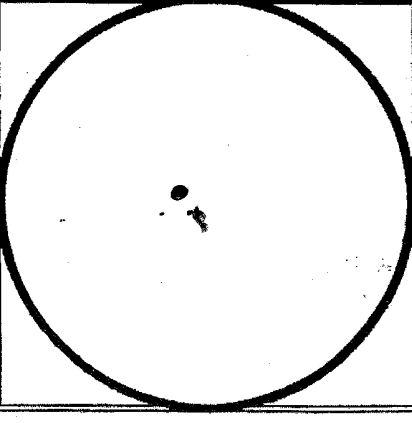
FG 184

FG 178

FG 178

23

HERSCHEL OBSERVATIONS

NGC 274+275		SITE 0-T	SEEING II	TRANS II
CONST		INSTR 22VC	EYEPIECE 10	POWER 240
		COMMENTS		
		20202 ~ 5:33		
		101 on 48 - 6.4		
DATE 9/18/15		← 273 - SMALL DIM NUC. W/NEBULA.		
TIME 5:33		PERFECT PAIR - IN CONTACT.		
NGC 940		SITE	SEEING	TRANS
CONST		INSTR	EYEPIECE 24	POWER 400X
		COMMENTS		
DATE		DATE		
TIME 5:50		TIME		
NGC 11852		SITE	SEEING	TRANS
CONST TMI		INSTR	EYEPIECE 10	POWER 240
		COMMENTS		
		STREAM BETWEEN 2		
		FS (AV=2) PA=110°		
DATE		DATE		
TIME 6:00		TIME		
NGC 877		SITE	SEEING	TRANS
CONST		INSTR	EYEPIECE	POWER
		COMMENTS		
DATE		DATE		
TIME 6:10		TIME		

274
#3

#6
22

#3

24

HERSCHEL OBSERVATIONS

NGC 7378		SITE 0-5	SEEING #	TRANS II
CONST		INSTR 225C	EYEPIECE 10	POWER 240
		COMMENTS		
DATE 9/18/15				
TIME 6:30.5				
NGC 6421/2		SITE	SEEING	TRANS
CONST		INSTR	EYEPIECE	POWER
		COMMENTS		
DATE "				
TIME 6:40				
NGC IC 194		SITE	SEEING 1	TRANS 1
CONST PSC		INSTR	EYEPIECE 10	POWER 240
		COMMENTS		
		PA=20° SMALL NUCLEUS		
		AVE1, NO DETAIL		
DATE "				
TIME 6:50				
NGC		SITE	SEEING	TRANS
CONST		INSTR	EYEPIECE	POWER
		COMMENTS		
DATE				
TIME				

FLS
19

HERSCHEL OBSERVATIONS

NGC 1576		SITE ACT	SEEING II	TRANS II
CONST		INSTR 22WC	EYEPIECE 24	POWER 100
		COMMENTS		
DATE 10/15/15				
TIME 3:05u				
NGC 433		SITE ACT	SEEING III	TRANS F
CONST AND		INSTR 11	EYEPIECE 10	POWER 240
		COMMENTS		
		PA 70° SMALL, NO		
		DETAILS N=2		
DATE 10/15/15				
TIME 3:15u				
NGC 226		SITE ↓	SEEING ↓	TRANS ↓
CONST		INSTR ↓	EYEPIECE ↓	POWER ↓
		COMMENTS		
DATE //				
TIME 3:20				
NGC 6661		SITE ↓	SEEING ↓	TRANS ↓
CONST		INSTR ↓	EYEPIECE ↓	POWER ↓
		COMMENTS		
DATE //				
TIME 3:35				

PG 7

26

HERSCHEL OBSERVATIONS

NGC 6658		SITE	ACT	SEEING	I -	TRANS	I -
CONST		INSTR	22VC	EYEPIECE	10E	POWER	240
		COMMENTS					
DATE	10/15/15						
TIME	3:45						
NGC 0711320		SITE	↓	SEEING	↓	TRANS	↓
CONST		INSTR	↓	EYEPIECE	↓	POWER	↓
		COMMENTS					
		WOW A cluster!					
		PA 2900 AV 24					
DATE	"						
TIME	4:00						
NGC 7589		SITE	↓	SEEING	↓	TRANS	↓
CONST		INSTR	↓	EYEPIECE	↓	POWER	↓
		COMMENTS					
		TRANSFERRED TO AGW FORM					
DATE	"						
TIME	4:30						
NGC 7603		SITE	↓	SEEING	↓	TRANS	↓
CONST		INSTR	↓	EYEPIECE	↓	POWER	↓
		COMMENTS					
		NEAR TO ↑					
DATE	"						
TIME	4:40						

~~FLAT 1911~~

AGW
6+

HERSCHEL OBSERVATIONS

NGC 1309		SITE ACT	SEEING II	TRANS I
CONST		INSTR 22UC	EYEPIECE 10	POWER 240
DATE 10/15/15		COMMENTS		
TIME 6:30 JF		OFF CENTER NUC + OVAL GLOW W/ ONE SIDE LONGER, ALSO NICE F.S.		
NGC 3941		SITE	SEEING	TRANS
CONST ETL		INSTR	EYEPIECE	POWER
DATE		COMMENTS		
TIME 7:50 JF		EXTREMELY FAINT & HOSTLY SWIRL AT EDGE OF VISION AVES PA=0		
NGC 1453		SITE	SEEING	TRANS
CONST 1449		INSTR	EYEPIECE	POWER
DATE 11/15		COMMENTS		
TIME 8:10 1441				
NGC 1417		SITE	SEEING	TRANS
CONST		INSTR	EYEPIECE	POWER
DATE		COMMENTS		
TIME 8:20		NOT SURE - MISTAKE?		

H3

FG 36

H3 1453

1417 H3

1397

10344

12347

106-105 11m Low

28

HERSCHEL OBSERVATIONS

MGE

NGC 1-10-25		SITE ACT	SEEING #	TRANS I
CONST ERI		INSTR 22UC	EYEPIECE 10	POWER 240
		COMMENTS		
		PA 220 FAIRLY EASY		
		TO SEE, NO DETAIL		
DATE 10/15/15				
TIME 9:00 A				
NGC 162098		SITE	SEEING	TRANS
CONST ERI		INSTR	EYEPIECE	POWER
		COMMENTS		
		PA = 110° NICE, NOS DM		
		GREAT FIELD		
DATE "				
TIME 9:10				
NGC 1681		SITE	SEEING	TRANS
CONST		INSTR	EYEPIECE	POWER
		COMMENTS		
DATE "				
TIME 9:20				
NGC 1665		SITE	SEEING	TRANS
CONST		INSTR	EYEPIECE	POWER
		COMMENTS		
DATE "				
TIME 9:30				

FG
38

FC
92

29

HERSCHEL OBSERVATIONS

2441 Cer

NGC 2441			SITE ACT		SEEING II	TRANS I
CONST Cer			INSTR 22NC		EYEPIECE 10	POWER 240X
			COMMENTS			
			MAY HAVE BEEN FOOLED BY F.S. LINE ALIGNMENT TO PA $\approx 170^\circ$ WHEN			
			PA = 20° AV = 3			
DATE 10/15/15						
TIME 9:45 UT						
NGC			SITE		SEEING	TRANS
CONST			INSTR		EYEPIECE	POWER
			COMMENTS			
DATE						
TIME						
NGC			SITE		SEEING	TRANS
CONST			INSTR		EYEPIECE	POWER
			COMMENTS			
DATE						
TIME						
NGC			SITE		SEEING	TRANS
CONST			INSTR		EYEPIECE	POWER
			COMMENTS			
DATE						
TIME						

FG 32

CYBER
BOMBS

HERSCHEL OBSERVATIONS

UGC

NGC 12430		SITE Act	SEEING II	TRANS I
CONST PEG		INSTR 2WC	EYEPiece 10	POWER 240
DATE 10/14/15		COMMENTS		
TIME 2:20		VERY SMALL 20.1M - AV=4 PA=1600		
NGC 10561		SITE ↓	SEEING ↓	TRANS ↓
CONST 81A		INSTR ↓	EYEPiece ↓	POWER ↓
DATE "		COMMENTS		
TIME 2:40		PA=1350 GREAT FIELD, SMALL PENCIL THIN, NO DETAIL.		
NGC 6247		SITE ↓	SEEING ↓	TRANS ↓
CONST		INSTR ↓	EYEPiece ↓	POWER ↓
DATE "		COMMENTS		
TIME 3:00				
NGC 6223		SITE ↓	SEEING ↓	TRANS ↓
CONST		INSTR ↓	EYEPiece ↓	POWER ↓
DATE 1.		COMMENTS		
TIME 3:10				

FG
218

FG
168
OLD

3:15 →

6226 ?

31

HERSCHEL OBSERVATIONS

21h -26

NGC	650 531-6022	SITE	ACT	SEEING	II	TRANS	I
CONST	PSA	INSTR	22K	EYEPIECE	10	POWER	240
		COMMENTS	AVE 3 NO ATAIL				
			BLANK AREA				
DATE	10/16/15						
TIME	3:30 AM						
NGC		SITE		SEEING		TRANS	
CONST		INSTR		EYEPIECE		POWER	
		COMMENTS					
DATE							
TIME							
NGC		SITE		SEEING		TRANS	
CONST		INSTR		EYEPIECE		POWER	
		COMMENTS					
DATE							
TIME							
NGC		SITE		SEEING		TRANS	
CONST		INSTR		EYEPIECE		POWER	
		COMMENTS					
DATE							
TIME							

FG
205

HERSCHEL OBSERVATIONS

NGC UGC 2411		SITE ACT	SEEING I	TRANS II
CONST Cus		INSTR ↓	EYEPiece 10	POWER 290
		COMMENTS		
		→ N VERY DIM STREAK		
		PA 10° UNDER 2 F.S.		
DATE 10/19/15		AV=2		
TIME 1:40				
NGC UGC 1178		SITE ↓	SEEING ↓	TRANS
CONST TM		INSTR → N	EYEPiece ↓	POWER
		COMMENTS		
		PA 45° (hard not to go v/lme		
		of F.S.)		
DATE 11				
TIME 1:55				
NGC G34		SITE ↓	SEEING ↓	TRANS
CONST		INSTR ↓	EYEPiece ↓	POWER
		COMMENTS		
DATE 11				
TIME 2:05				
NGC G24		SITE ↓	SEEING ↓	TRANS
CONST		INSTR ↓	EYEPiece ↓	POWER
		COMMENTS		
DATE 11				
TIME 2:15				

FG
33

FG
14

33

HERSCHEL OBSERVATIONS

NGC 591		SITE AC	SEEING II	TRANS I
CONST		INSTR 22VC	EYEPIECE 10	POWER 240
DATE 10/19/18		COMMENTS		
TIME 3:25 UT				
NGC 162 2092		SITE	SEEING "	TRANS "
CONST		INSTR	EYEPIECE 10	POWER "
DATE "		COMMENTS		
TIME 3:45		NOR EASY BUT SEEN WITH AV=3 @ 100X, 240X N PA=500 NOR MUCH DETAIL A BIT THICKER SOMEWHAT THAN LAST FEW & GOOD F.S.		
NGC 941		SITE	SEEING "	TRANS "
CONST		INSTR	EYEPIECE 24	POWER 168
DATE "		COMMENTS		
TIME 7:05		NICE COMPACT NUCLEUS WITH HALO DISK.		
NGC 1999		SITE	SEEING	TRANS
CONST ON		INSTR	EYEPIECE	POWER
DATE "		COMMENTS		
TIME 7:20		BRIGHT BN - 6000 DOWN AT LOW POWER		

FB 27

H3

34

FG

FG195

ACTIVE GALACTIC NUCLEI OBSERVING PROGRAM

Observer's Name

B. Young

Object Reference #: U11455	Location/Latitude/Longitude: 0-5 +36.8 / -103
Date: 9/18/15	Time:
Seeing:	Transparency:
Telescope Aperture & Focal Length:	Magnification & Field Size: 24m
Manual or Device-driven	

Notes:

(indicate North & West or East on the diagram)

ONLY NR SEEN WELL - W

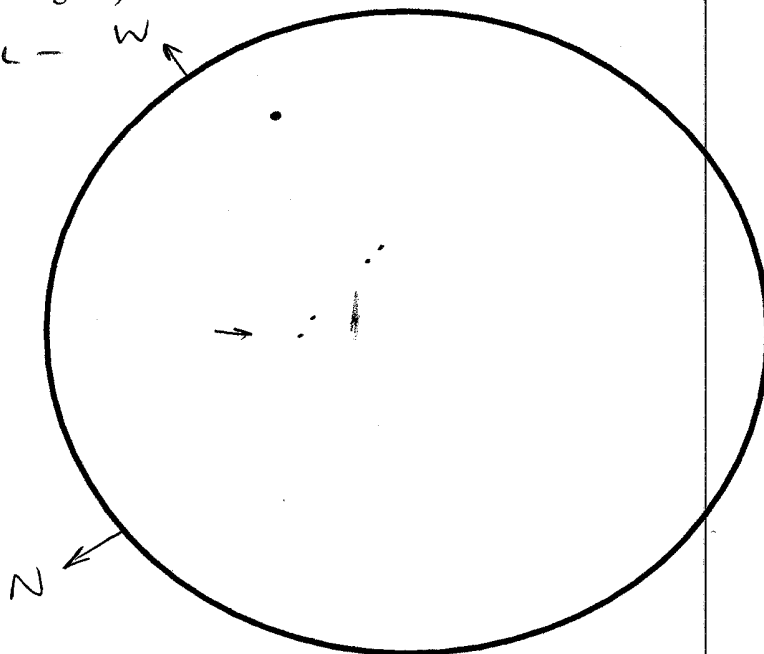
SNEAK AV=4

PA = 50°

ARROW MAY HAVE
BEEN VERY FAINT

MG+12-18-002 I DID

NOT KNOW FOR SURE.



Distance:

35