

# OBSERVING SESSION

Date(s): 9/24 - 25

Location <i>KENTON, OK</i> <i>102° 5' N 36° 5' N</i>		Time UT _____ Other <i>CDT</i>	Equipment	
Event <i>OKIE-TEK</i>	Group	Begin: <i>02:30</i> <sup>2</sup> / <sub>m</sub>	End: <i>05:00</i> <sub>m</sub>	
Moon Phase/Altitude <i>LST 1/4</i>	Seeing/Transparency <i>5 12</i>	Limiting Mag/Comments <i>?</i>	% Cloud Cover <i>30%</i>	Approx Temp. <i>55° F</i>
Notes				

## PLAN *CASPER ALIGNMENT + TARGETS OF OPPORTUNITY*

*ARND SEEMS TO REJECT SOME ALIGNMENT PAGES - NEED MORE INVESTIGATION OF BATTERY CHARGER QUICK DISCONNECT*

## OBJECTS OBSERVED

Object Catalog # / Name	Type / Const.	Time / Oculars	Description / Activity	Ref / Sketch
<i>ALIGN STARS</i> <i>DS NB + ARND</i> <i>RESISTANCE</i>				
<i>PLEIADES</i>				
<i>JUP 1952</i>			<i>SOFT BUT STEADY</i>	
<i>M42</i>				
<i>ARCTURUS &amp; SUBARU - GOOD</i>			<i>ALIGNMENT STARS</i>	
<i>NBC 6960</i>	<i>NB</i>	<i>2100</i>	<i>OTL FILTER, NEED TO COMEBACK -</i>	
	<i>CYG</i>	<i>17N</i>	<i>TOO HIGH</i>	
<i>M17</i>	<i>SGR</i>	<i>2115</i>	<i>17N TIL REALLY CLOSE ANTIC VIEW</i>	
	<i>SGR</i>	<i>17N</i>	<i>OTL REALLY BRINGS OUT THE DETAIL</i>	
<i>NBC 6572</i>	<i>PN</i>	<i>2130</i>	<i>SOFT DETAIL -</i>	
	<i>OPH</i>	<i>9E</i>		
<i>IC 1805</i>	<i>NB</i>	<i>2145</i>	<i>DARK NEBULA, VERY LARGE, NO</i>	
	<i>CAS</i>	<i>26N</i>	<i>STRUCTURE, NO DETAIL</i>	
<i>M2</i>	<i>OC</i>	<i>2210</i>	<i>SKETCH CANDIDATE - TOO HIGH</i>	
	<i>AGR</i>	<i>17N</i>	<i>FOR SKETCHING - BACKGROUND NEB / WISSET 4</i>	
			<i>SIDE HAS DARK LINES, ALMOST LIKE</i>	
			<i>CAROLINE ROSE BUT BLACKER - CHAPMAN-100</i>	

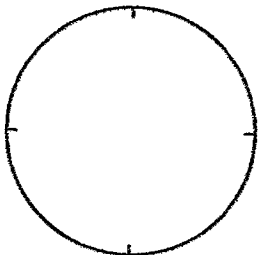
*85*  
*2100*  
*CDT*  
*LST 1/4*  
*2100*  
*GOOD*  
*3/10*

Date(s): 9/25

OBJECTS OBSERVED

Object Catalog # / Name	Type / Const.	Time / Oculars	Description / Activity	Ref / Sketch
M92	G.D HER	2230 17N	HS OUTREACH	
NGC 457	OC CAS	2240 17N	"	
NGC 457	OC CAS	2240 17N	"	
M51	SM UMR	2245 17N	"	
VRANUS	P	2300 8E	"	

FIELD DRAWINGS & NOTES

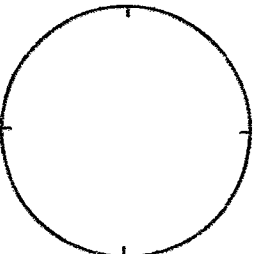


Object: \_\_\_\_\_ Time: \_\_\_\_\_

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Object: \_\_\_\_\_ Time: \_\_\_\_\_

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## OBSERVING SESSION

Date(s): 9/26-27

Location <u>KENTON, OK</u>		Time UT ___ Other <u>CDT</u>	Equipment	
Event <u>OKIE-TEX</u>	Group	Begin: <u>21:40</u> _m	End: <u>06:00</u> _m	
Moon Phase/Altitude <u>LAST 4/4</u>	Seeing/Transparency <u>1/4</u>	Limiting Mag/Comments	% Cloud Cover <u>5%</u>	Approx Temp. <u>65°F</u>
Notes				

PLAN SILEX M2, M73, M42

## OBJECTS OBSERVED

Object Catalog # / Name	Type / Const.	Time / Oculars	Description / Activity	Ref / Sketch
<u>MIZAR &amp; VEGA</u>	<u>B</u>		<u>ALIGNMENT STARS - GOOD</u>	
<u>M101</u>	<u>GAL</u>	<u>2145</u>	<u>SN</u>	<u>STILL VISIBLE,</u>
	<u>UMA</u>	<u>17N</u>	<u>FAIRLY BRIGHT, VERY BRIGHT COMPARED</u>	
			<u>TO SN</u>	<u>IN M51</u>
<u>M51</u>	<u>GAL</u>	<u>2155</u>	<u>  </u>	
	<u>CVN</u>	<u>17N</u>		
<u>M73</u>	<u>OC</u>	<u>2200</u>	<u>VERY ORDINARY APPEARING OPEN</u>	<input checked="" type="checkbox"/>
	<u>AQU</u>	<u>8E</u>	<u>CLUSTER OF A HANDFUL OF STARS</u>	
<u>M13</u>	<u>GC</u>	<u>2220</u>	<u>COMPARISON FOR CHUCK BIGBY</u>	
	<u>HER</u>	<u>17N</u>	<u>AND HIS 14" MERIDIAN SET</u>	
<u>M42</u>	<u>N6</u>	<u>0330</u>	<u>OTL, ALIGNMENT STARS, USED MOPS</u>	
	<u>OR</u>	<u>17N</u>	<u>ALIGN. CHECKED AGAINST M2 &amp; BETA = GOOD</u>	
<u>M2</u>	<u>GC</u>	<u>0335</u>		
	<u>ARL</u>	<u>17N</u>		
<u>M42</u>	<u>N6</u>	<u>0335</u>	<u>2hr SKETCH</u>	
	<u>OR</u>	<u>04N</u>		
		<u>0530</u>		
<u>ZODIACAL LIGHT</u>				
<u>M1</u>	<u>N6</u>	<u>0545</u>	<u>SOFT - IN THE ZODIACAL LIGHT</u>	
	<u>TAU</u>	<u>17N</u>	<u>OTHER DIDN'T HOLD MUCH</u>	

## OBSERVING SESSION

Date(s):

9/27/11

Location KENTON, OK		Time UT ___ Other <u>CDT</u>	Equipment	
Event OKZIS-TUES	Group	Begin: <u>20:30</u> m	End: <u>02:00</u> m	
Moon Phase/Altitude NDW	Seeing/Transparency <del>3-4</del> 2-3/3-4	Limiting Mag/Comments -6	% Cloud Cover ↑ ↓ 10% - 60%	Approx Temp. 65°F
Notes				

## PLAN

## OBJECTS OBSERVED

Object Catalog # / Name	Type / Const.	Time / Oculars	Description / Activity	Ref / Sketch
MIZAR & ALTAIR	STAR VMA	2040	ALIGNMENT = GOOD RATTLE	
	STAR AGL	2042		
M8	NB	2045	KEEPING ALIGNMENT = GOOD	
M31	GR AND	2050		
M2	GC	2115	IN AND OUT OF CLOUDS, FAIRLY DISTANT WHEN VISIBLE W/ MANY INTERIOR STARS TOO INTENSE TO SKETCH	
	AQR	N12		
M20	NB	2230	DEMONSTRATED ASTRO CAMB FILTER SLIDES TO ALAN	
		N26		
M13	GC	2240	ALSO CHECK AFTER CHANGING BATTERIES & ALSO POLARIS & ALTAIR	
	HR	N17		
M33	GAL	2245	VERY SOFT	
		N17		
M2	GC	2310	SKETCH MADE, SOME NEBULOSITY? MAKE TRANSPARENCY THOUGH	✓
	AQR	N17		
JUPITER	P	2340	SOFT BUT SOME DETAIL, EQUATORIAL BANDS BUT NO DETAIL NO TRANSIBORS HARDY	
		8E		
M103	OC	2400	PRETTY OPEN CLUSTER	
	CAS	17		
M52	OC	2410	LARGER OPEN CLUSTER	
	CAS	17N		
M76	NB	2420	"LITTLE DUMBBELL"	
	PER	17N		

Date(s): 9/28

OBJECTS OBSERVED

Object Catalog # / Name	Type / Const.	Time / Oculars	Description / Activity	Ref / Sketch
NGC 569	OC POR	2420 26N V	"THE DOUBLE CLUSTER"	
M 33	Gal TRI	2435 17N	FAZZLY INDISTINCT	
M 38	OC AUR	2445 17N	OPEN CLUSTER <u>LARGE</u>	
NGC 6946	Gal CEP	0100 26N	FIREWORKS GALAXY	
NGC 6960	Nb CVG	0200 26N	THE WELL — SKETCHED	✓

FIELD DRAWINGS & NOTES

	Object: _____	Time: _____
	_____	
	_____	
	_____	

	Object: _____	Time: _____
	_____	
	_____	
	_____	