## **TVS Summer Observing Log**

M5	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Globular						·	
15h 18.6m	Notes:						
+02° 05′							
M4 Globular 16h 23.6m -26° 32'	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
	Notes:						
M13	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Globular							
16h 41.7m +36° 28′	Notes:						
M12	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Globular							
16h 47.2m -01° 57'	Notes:						
NGC 6231	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Open							
16h 54.0m -41° 48′	Notes:						
M10	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Globular							
16h 57.1m -04° 06′	Notes:						
M92	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Globular	<b>N.</b>						
17h 17.1m +43° 08′	Notes:						
M6	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Open							
17h 40.1m -32° 13'	Notes:						
M7	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Open							
17h 53.9m -34° 49′	Notes:						
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M23	Date	Time	Location	Seeing	Transparance	Aportura	Magnification
Open	Date	Time	LUCALIUII	seemg	Transparency	Aperture	iviagillication
17h 56.8m	Notes:						1
-19° 01′	Notes.						
NGC 6543	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Planetary					. ,	·	J
17h 58.6m	Notes:	1					•
+66° 38′							
M20	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Emission							
18h 02.6m -23° 02'	Notes:						
-23 02							
M8	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Emission					, , , , ,		
18h 03.8m	Notes:				-		•
-24° 23′							
	_				<u> </u>		
M21	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Open							
18h 04.6m -22° 30′	Notes:						
-22 30							
M24	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
<b>M24</b> Open	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
	Date Notes:	Time	Location	Seeing	Transparency	Aperture	Magnification
Open		Time	Location	Seeing	Transparency	Aperture	Magnification
<i>Open</i> 18h 16.5m -18° 50'	Notes:						
Open 18h 16.5m -18° 50′ <b>M16</b>		Time	Location	Seeing Seeing	Transparency Transparency	Aperture  Aperture	Magnification  Magnification
Open 18h 16.5m -18° 50' <b>M16</b> Emission	Notes:  Date						
Open 18h 16.5m -18° 50' M16 Emission 18h 18.6m	Notes:						
Open 18h 16.5m -18° 50' <b>M16</b> Emission	Notes:  Date						
Open 18h 16.5m -18° 50' M16 Emission 18h 18.6m	Notes:  Date						
Open 18h 16.5m -18° 50' M16 Emission 18h 18.6m -13° 58' M18 Open	Notes:  Date  Notes:	Time	Location	Seeing	Transparency	Aperture	Magnification
Open 18h 16.5m -18° 50' M16 Emission 18h 18.6m -13° 58' M18 Open 18h 19.9m	Notes:  Date  Notes:	Time	Location	Seeing	Transparency	Aperture	Magnification
Open 18h 16.5m -18° 50' M16 Emission 18h 18.6m -13° 58' M18 Open	Notes:  Date  Notes:	Time	Location	Seeing	Transparency	Aperture	Magnification
Open 18h 16.5m -18° 50' M16 Emission 18h 18.6m -13° 58' M18 Open 18h 19.9m -17° 08'	Notes:  Date  Notes:  Date  Notes:	Time	Location	Seeing	Transparency	Aperture	Magnification
Open 18h 16.5m -18° 50'  M16 Emission 18h 18.6m -13° 58'  M18 Open 18h 19.9m -17° 08'  M17	Notes:  Date  Notes:	Time	Location	Seeing	Transparency	Aperture	Magnification
Open 18h 16.5m -18° 50'  M16 Emission 18h 18.6m -13° 58'  M18 Open 18h 19.9m -17° 08'  M17 Emission	Notes:  Date  Notes:  Date  Date  Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Open 18h 16.5m -18° 50'  M16 Emission 18h 18.6m -13° 58'  M18 Open 18h 19.9m -17° 08'  M17 Emission 18h 20.8m	Notes:  Date  Notes:  Date  Notes:	Time	Location	Seeing	Transparency	Aperture	Magnification
Open 18h 16.5m -18° 50'  M16 Emission 18h 18.6m -13° 58'  M18 Open 18h 19.9m -17° 08'  M17 Emission	Notes:  Date  Notes:  Date  Date  Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Open 18h 16.5m -18° 50' M16 Emission 18h 18.6m -13° 58' M18 Open 18h 19.9m -17° 08' M17 Emission 18h 20.8m	Notes:  Date  Notes:  Date  Date  Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Open 18h 16.5m -18° 50'  M16 Emission 18h 18.6m -13° 58'  M18 Open 18h 19.9m -17° 08'  M17 Emission 18h 20.8m -16° 11'  M22 Globular	Notes:  Date  Notes:  Date  Notes:  Date  Notes:	Time	Location	Seeing	Transparency  Transparency  Transparency	Aperture  Aperture  Aperture	Magnification  Magnification  Magnification
Open 18h 16.5m -18° 50'  M16 Emission 18h 18.6m -13° 58'  M18 Open 18h 19.9m -17° 08'  M17 Emission 18h 20.8m -16° 11'  M22 Globular 18h 36.4m	Notes:  Date  Notes:  Date  Notes:  Date  Notes:	Time	Location	Seeing	Transparency  Transparency  Transparency	Aperture  Aperture  Aperture	Magnification  Magnification  Magnification
Open 18h 16.5m -18° 50'  M16 Emission 18h 18.6m -13° 58'  M18 Open 18h 19.9m -17° 08'  M17 Emission 18h 20.8m -16° 11'  M22 Globular	Notes:  Date  Notes:  Date  Notes:  Date  Notes:	Time	Location	Seeing	Transparency  Transparency  Transparency	Aperture  Aperture  Aperture	Magnification  Magnification  Magnification

M11	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Open							
18h 51.1m -06° 16′	Notes:						
M57	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Planetary 18h 53.6m +33° 02'	Notes:						
	notes.						
Cr399	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Asterism 19h 25.4m	Notes:						
+20° 11′	Notes.						
M71	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Globular 19h 53.8m	Notes:				1		
+18° 47′	notes.						
M27	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Planetary 19h 59.6m	Netes						
+22° 43′	Notes:						
NGC 6960	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
SNR 20h 45.7m +30° 43'	Notes:						
T Lyrae	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Carbon							
18h 32.3m +36° 59'	Notes:						
ε Lyrae	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
<i>Multiple</i> 18h 44.3m	Notes:						
+39° 40'	notes:						
β Cygni  Double 19h 30.7m +27° 58'	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
	Notes:						
2, 30							
γ Del	Date	Time	Location	Seeing	Transparency	Aperture	Magnification
Double	Notos						
20h 46.7m +16° 07'	Notes:						