



Southern Sentinel Observing Session Notes

Observing Session - Saturday 31st January

Date: 30 Jan - 1 Feb 2002 (Local)
Time: 2200-0130 NZDT (UT +13)
Location: Church of Christ Camp,
45 Minutes From Home.
Weather: Clear and Calm conditions, No Cloud. Hazy later on.
Seeing: Limiting Magnitude 5.5, transparency 3.5/5, seeing 3.5/5
Moon: No Moon (Nearly New Moon)
Equipment: 13.1" F5 Dob with Paracorr, TeleVue Eyepieces, UHC Filter

Michelle, my wife and I, arrived on site after dark and setup quickly. No cloud to be seen and conditions looked very good for observing. This was the first time out since Stardate and was a relaxing and thoroughly pleasant.

Hazy cloud arrived after 12:30 and Cloud followed for about 20 Minutes. Just before 1 Am the skies cleared again for the final 30 minutes of my observing run.

I have targeted the Herschel 400 Catalog lately so I continued through the open clusters as if a chore but still observing anything is better than nothing. Smattering of all types of objects tonight.

Objects seen were;

Object	Type	Altitude	Magnification	Eyepiece
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M 36	Open Cluster	18.6°	114x	TeleVue 17mm Nagler Type 4
NGC 1931	Bright Nebula	18.2°	114x	TeleVue 17mm Nagler Type 4
M 38	Open Cluster	16.4°	114x	TeleVue 17mm Nagler Type 4
M 37	Open Cluster	20.3°	72x	TeleVue 27mm Panoptic
B 34	Dark Nebula	20.1°	72x	TeleVue 27mm Panoptic
NGC 1907	Open Cluster	16.8°	114x	TeleVue 17mm Nagler Type 4
M 1	Supernova Remnant	29.7°	114x	TeleVue 17mm Nagler Type 4
NGC 2185	Bright Nebula	58.9°	114x	TeleVue 17mm Nagler Type 4
NGC 2183	Bright Nebula	58.9°	114x	TeleVue 17mm Nagler Type 4
NGC 2182	Bright Nebula	58.9°	114x	TeleVue 17mm Nagler Type 4
NGC 2311	Open Cluster	57.5°	114x	TeleVue 17mm Nagler Type 4
NGC 2215	Open Cluster	60.0°	114x	TeleVue 17mm Nagler Type 4
NGC 2324	Open Cluster	51.9°	114x	TeleVue 17mm Nagler Type 4
NGC 2362	Open Cluster	77.1°	114x	TeleVue 17mm Nagler Type 4
NGC 2354	Open Cluster	78.1°	114x	TeleVue 17mm Nagler Type 4
M 41	Open Cluster	73.7°	114x	TeleVue 17mm Nagler Type 4
NGC 2286	Open Cluster	55.9°	114x	TeleVue 17mm Nagler Type 4
M 44	Open Cluster	29.7°	0x	(None)
M 67	Open Cluster	36.3°	114x	TeleVue 17mm Nagler Type 4
NGC 5139	Globular Cluster	25.0°	161x	TeleVue 12mm Nagler Type 2
Saturn	Planet	25.3°	161x	TeleVue 12mm Nagler Type 2
Jupiter	Planet	31.6°	161x	TeleVue 12mm Nagler Type 2
NGC 2974	Galaxy	46.5°	114x	TeleVue 17mm Nagler Type 4
NGC 2902	Galaxy	57.5°	114x	TeleVue 17mm Nagler Type 4
NGC 2811	Galaxy	61.0°	114x	TeleVue 17mm Nagler Type 4
NGC 3169	Galaxy	37.9°	114x	TeleVue 17mm Nagler Type 4
NGC 3166	Galaxy	38.0°	114x	TeleVue 17mm Nagler Type 4
NGC 3156	Galaxy	38.4°	114x	TeleVue 17mm Nagler Type 4
NGC 2420	Open Cluster	30.8°	161x	TeleVue 12mm Nagler Type 2
NGC 2392	Planetary Nebula	31.1°	161x	TeleVue 12mm Nagler Type 2

NGC 4038	Galaxy	39.7°	114x	TeleVue 17mm Nagler Type 4
NGC 4027	Galaxy	40.4°	114x	TeleVue 17mm Nagler Type 4
NGC 3962	Galaxy	38.4°	114x	TeleVue 17mm Nagler Type 4
NGC 2992	Galaxy	63.1°	114x	TeleVue 17mm Nagler Type 4
NGC 4945	Galaxy	42.6°	114x	TeleVue 17mm Nagler Type 4
NGC 4976	Galaxy	42.6°	114x	TeleVue 17mm Nagler Type 4
NGC 5266	Galaxy	37.2°	114x	TeleVue 17mm Nagler Type 4

All the eyepieces except the Pentax 7mm were used tonight. Take a look at NGC3166 and the two other galaxies, a great object to stumble across.

Tough objects ; Reflection Nebulae near NGC2185.
 Memorable objects ; NGC3166 Galaxy Group in Sextans. Eskimo
 at high power

Cheers.

Paul Kemp
 13.1" Reflector
 Auckland, New Zealand
 36° 55' 16" South, 174° 43' 30" East

-- The Southern Sentinel --

