



# Southern Sentinel Observing Session Notes

Observing Session - Monday 15th July

Date: 15 Jul 2002 (Local)  
Time: 2030-2240 NZST (UT +12)  
Location: Wenderholm Regional Park - North Auckland  
-- Kms, 45 Minutes from home  
Weather: Cold, No Cloud, No Wind  
Seeing: Limiting Magnitude 5.5, transparency 4/5, seeing 4/5  
Moon: No Moon (Just after New Moon)  
Equipment: 13.1" F5 Dob with Paracorr, TeleVue Eyepieces, UHC Filter

Superb conditions again on Monday night.

Bit the bullet again and headed up to Wenderholm. Dave Moorhouse found this site last year and suggested it as a place to go. The more I go here the more I like the surrounds. This site is 25 minutes north of the bridge and 45 minutes from home for me. I'll post something soon for people who are interested in observing from there. 45 minutes is just OK for a weeknight to get back home by midnight.

Too cold for Michelle this evening though Dave Moorhouse and his friend Guy, met me up at the Regional Park for the second time in three days. Conditions were very similar to the Saturday evening session...the wind was non existent, the seeing slightly worse and the moon affected the sky until about 10:15.

I got into the swing and logged a few more objects than the other evening.

Objects seen were;

Object	Type	Altitude	Magnification	Eyepiece
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NGC 6744	Galaxy	60.6°	161x	TeleVue 12mm Type 2 Nagler
NGC 6752	Globular cluster	63.7°	161x	TeleVue 12mm Type 2 Nagler
NGC 5746	Galaxy	33.0°	161x	TeleVue 12mm Type 2 Nagler
NGC 5813	Galaxy	35.9°	72x	TeleVue 27mm Panoptic
NGC 5921	Galaxy	36.4°	72x	TeleVue 27mm Panoptic
C/2002 C1 Ikeya-Zhang	Comet	45.0°	161x	TeleVue 12mm Type 2 Nagler
IC 5148	Planetary nebula	34.2°	161x	TeleVue 12mm Type 2 Nagler
M 72	Globular cluster	34.2°	161x	TeleVue 12mm Type 2 Nagler
NGC 7009	Planetary nebula	31.4°	161x	TeleVue 12mm Type 2 Nagler
NGC 6818	Planetary nebula	48.5°	72x	TeleVue 27mm Panoptic
M 16	Open cluster	60.6°	72x	TeleVue 27mm Panoptic
M 24	Open cluster	64.8°	0x	(None)
NGC 6822	Galaxy	43.2°	161x	TeleVue 12mm Type 2 Nagler
B 92	Dark nebula	61.6°	161x	TeleVue 12mm Type 2 Nagler
PK 329+ 2.1	Planetary nebula	75.4°	72x	TeleVue 27mm Panoptic
M 17	Bright nebula	50.0°	161x	TeleVue 12mm Type 2 Nagler
M 18	Open cluster	50.8°	72x	TeleVue 27mm Panoptic
B 93	Dark nebula	51.9°	72x	TeleVue 27mm Panoptic
NGC 6440	Globular cluster	58.5°	72x	TeleVue 27mm Panoptic
NGC 6445	Planetary nebula	58.2°	72x	TeleVue 27mm Panoptic
M 23	Open cluster	56.2°	72x	TeleVue 27mm Panoptic
NGC 6633	Open cluster	32.5°	72x	TeleVue 27mm Panoptic
NGC 6572	Planetary nebula	34.5°	72x	TeleVue 27mm Panoptic
NGC 6751	Planetary nebula	35.0°	72x	TeleVue 27mm Panoptic
NGC 6309	Planetary nebula	58.9°	72x	TeleVue 27mm Panoptic

A few objects were good tonight. A double object NGC6440 and NGC6445 (Glob and PN) were good, so were the two dark nebulae adjacent to the Sagittarius Star Cloud (B92 & B93). The Sagittarius Star Cloud was excellent Naked Eye and through the finderscope. The comet was faint and extended and was not that impressive.

Tough objects ; Shapley 1(PK 329+ 2.1)in Norma  
IC5148 in Grus  
Barnard's Galaxy (NGC6822) in Sagittarius  
Memorable object ; Omega Nebula (M17) at 161x through the Nagler.

The 18mm Radian spent another night in the eyepiece box.

The weather is likely to be stable till Sunday. A morning run might be in the order on Saturday morning.

Cold clear nights....bring em on!!

Cheers.

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