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| --- | --- | --- | --- |
| Date | 27th October 2017 | Time | 19:30 GMT |
| Weather | Cold, Clear | **Seeing - Antoniadi Scale** | **III – Typical Seeing** |
| Location | Norman Lockyer Observatory, Sidmouth52.72 Deg North 3.52 Deg West |
| Bortle Scale | Class 3 – Rural Sky Limiting Magnitude 6.6 to 7.0 |
| Instrument (s) | 8” Mead SCT |

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| ReportObserving Conditions* Clear, Cold and Breezy
* 50% Moon visible set at 23:59 GMT
* Problems with severe “Dewing” of primary and secondary mirrors and eyepieces
* As a result of this we missed several attempted targets
* OBSERVERSATIONS FOR 27.10.2017 BY KERRY R POWELL – Moon 1st Quarter – Waxing

Observed the following* Vega – in Lyra
* Altair – in Aquila
* Mirphak – in Perseus
* M31 – Andromeda Galaxy – disappointing in telescope – prefer binoculars
* M82 – galaxy in Ursa Major – nothing to write home about – astro-imaging would give a better view and perhaps binoculars – must try that – the binoculars that is
* M45 – open cluster in Taurus - brilliant in finderscope and not bad in main part of telescope
* M13 – The Great Hercules Cluster – globular cluster – distinct – saw some stars
* M92 – globular cluster in Hercules – nice
* NGC 884 and NGC 869 – the famous double cluster in Perseus – viewed separately – and oh so beautiful – even better in finderscope

**Double Stars:*** 61 Cygni – very beautiful – wide separation – each golden colour
* Almach – in Andromeda – lovely
* Albireo – in Cygnus – stunning as usual
* Delta Cephei – the famous prototype for a Cepheid variable – didn’t realise it was a double star as well

**Planetary Nebulas:*** M57 – Ring Nebula – in Lyra - distinct – pleased to view it
* M27 – Dumbbell Nebula – in Vulpecula – disappointing

***NB: Other people came to view through my telescope.******Report Compiled by Kerry Powell*** |
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