# 2017 Observing Notes



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## Year in Review

TBD

## January

### Winter 2018 Planning

Last Updated 12/20/2017

* Observations – January 1 first visibility times; Dark around 5:30pm
  + Imaging – wide field
    - 10:00pm – M45 Pleiades
    - 10:30pm – NGC1499 California Nebula
    - 12:00am – Simeis 147
  + Video – 4500mm
    - 9:00pm – M42 – more CRGB with wider coverage. Maybe try narrow band…
  + Imaging – 1260mm
    - 6:00pm – M33 – **1260mm** (need **all narrow band images**)
    - 9:00pm – M42 – **1260mm** (NII)
    - 10:00pm – M1 Crab Nebula – **1260mm** (need **all narrow band images**)
* Analysis
  + M31 Multispectral Analysis *ala* M33, M81, M101 etc.
  + Solar Eclipse Movies, ratio analysis, etc.
  + Questions for OPT:
    - NII filter
    - GoTo Mounts
    - Motorized Focuser
    - Custom Filters

### 2018-Jan-02 (Jan-03 UT): M33 SII

Last Updated 1/3/2018

Very clear – transparency =4/5. Used tube extender to protect corrector plate for C8 from frost and condensation. This did not seem to affect the flat fielding results using files that were obtained without the extender.

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| M33-20180103UT-672SII-sum01h31m00s-Flattened-LogLog-HalfSize.jpg | M33-201XXXXXUT-672SII-sum02h08m00s-Flattened-LogLog-HalfSize.jpg |
|  |  |
| M33-20161XXXUT-XXX-SHO-ColBal-HalfSize-Aligned.jpg | M33-201XXXXXUT-SHO-ColBal-GaussSmooth2pix-HalfSize.jpg |

## References

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