

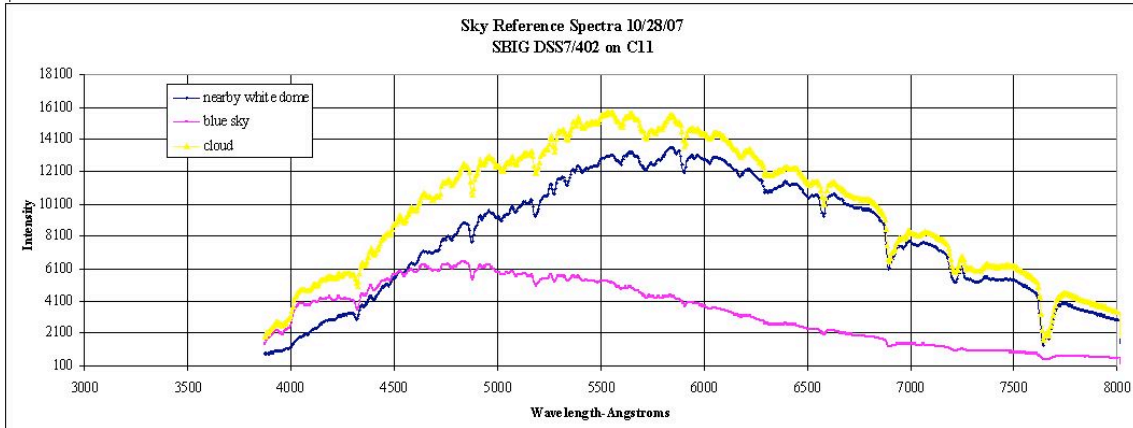
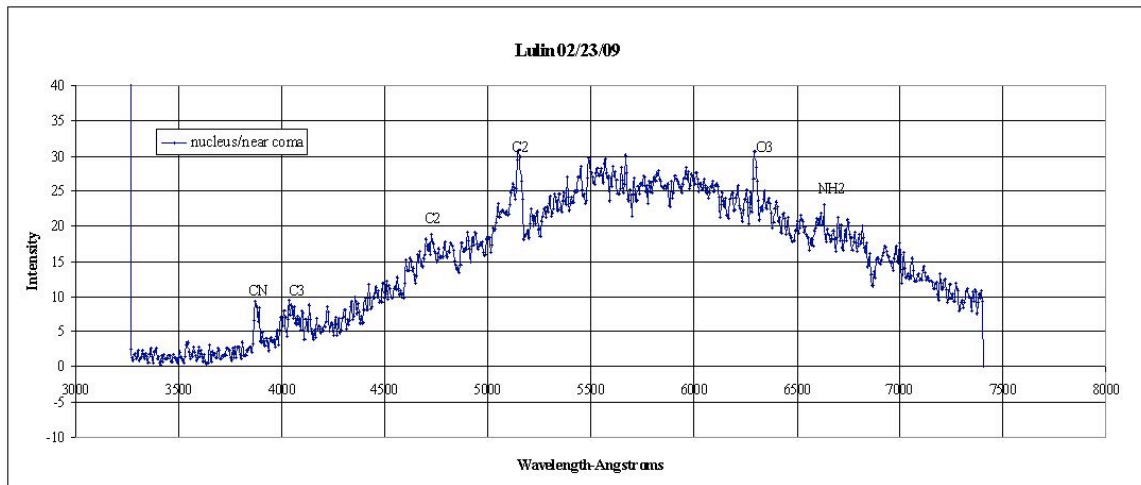
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## Spectrum of Comet Lulin

Feb 24, 2009

Below is a spectrum taken on Feb 23, 2009 using a C11 f/10, SBIG DSS7, and ST402 camera setup. This is the result of approximately 8 minutes centered on the comet nucleus. Background has been subtracted, but it has not been corrected for instrumental response. For comparison, I also show several other spectra taken with the same setup.

The general shape of the spectrum is clearly dominated by the solar reflection from high levels of dust in the nucleus and near nucleus area (i.e., within approximately 1 a-m). There are several peaks identified. These were much more prevalent in Comet Swan whose spectrum is also shown below.



Comet Swan 10/15/06

