

IC1871 - Soul Nebula

This very interesting emission nebula is located in Cassiopeia. This narrowband Halpha image was captured completely from our rear deck in Clayton, NC. 4+ hours of data was acquired on one clear night on the 19th of September. I used my Stellarvue SV 90TBV (f=5.3), ST-8 camera on the G-11 mount. The image size is approximately 90 x 60 arc-minutes (3.9 arc-sec / pixel at full scale) and celestial north is toward the top in this image. I was guiding with the internal chip. Total exposure time used was 300 minutes (15 x 1200 seconds 6nm Ha binned 1x1). All data was captured with CCDAutoPilot v4 controlling CCDSoft Version 5, FocusMax and The Sky 6. All processing was performed in CCD Stack and Photoshop CS3 (Mac).