

IC5070 and IC5067 - Pelican Nebula

This H-alpha image of this famous emission nebula complex (IC5070 and IC5067, also Sharpless 117) in Cygnus was captured completely from our rear deck in Asheville, NC. 15 hours of data was acquired on several clear nights on the 28th of July and 27-29 September. I used my Stellarvue SV 90TBV (f=5.3), ST-8 camera on the G-11 mount. The image size is 100 x 66 arc-minutes (3.9 arc-sec / pixel at full scale). I was guiding with the internal chip. Total exposure time used was 900 minutes (45 x 1200 seconds 6nm Ha binned 1x1). All data was captured with CCDAutoPilot v5 controlling CCDSoft Version 5, FocusMax and The Sky 6. All processing was performed in CCD Stack and Photoshop CS3 (Mac).