

M33 - Triangulum Galaxy

This spiral galaxy, also known as the Pinwheel and NGC598, is located in the constellation Triangulum. This galaxy is also home for numerous HII regions (NGC 588, NGC 592, NGC 595, NGC 604, IC 132, IC 133 and IK 53). NGC604 is the brightest of these regions and is the reddish spot to the left of center in this image. Data for this object was captured completely from our rear deck in Clayton, NC. 3+ hours of data was acquired on three clear night on the 7th, 8th and 10th of November. 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 upper right in this image. I was guiding with the internal chip. Total exposure time used was 190 minutes (20 x 300 seconds Luminance and 30 x 60 seconds each R, G and B all 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).