

# ***Annual report to the ASSA AGM - August 2025***

***David Blane – Director, Double and Variable Star Section***

## ***Variable star observations.***

**Berto Monard** continued his work on high energy systems with 17431 observations being submitted to the AAVSO alone while others were sent to various organisations this past year. This brings his total observations submitted to the AAVSO to a staggering 3 million!

The Director submitted photometric measures to the AAVSO, VSS and other projects. The discoveries of two recent novae, Nova Vel 2025 and Nova Lup 2025 were circulated and observations were submitted to the AAVSO. A collaboration with Prof. Augusto Damineli of the University of Sao Paulo observing the behaviour of eta Carinae as it approaches periastron passage in August is under way.

Collaboration with the Variable Stars South group and other organisations on eclipsing binary stars is ongoing.

Early warnings of nova and supernova discoveries and other interesting events were posted to alert observers. Observations, light curves and other information was posted on Facebook and WhatsApp.

The author continued with the AAVSO's mentoring programme and is currently supporting new variable star observers, mostly in the USA.

Talks were given on Variable Stars and DSLR photometry of eclipsing binary stars.

No variable star observations were received by the Section as most observers submit their data to organisations such as the AAVSO, BAA and VSS.

## ***Double stars.***

No reports of visual double star observations were received.