

## CAS UKMON Report to CAS Committee Meeting 14/09/2017

This report covers activities between the 15<sup>th</sup> July 2017 and the 14<sup>th</sup> September 2017 for the CAS Meteor Observation Camera 2 located as part of the Society Observatory at NT Dyffryn Gardens.

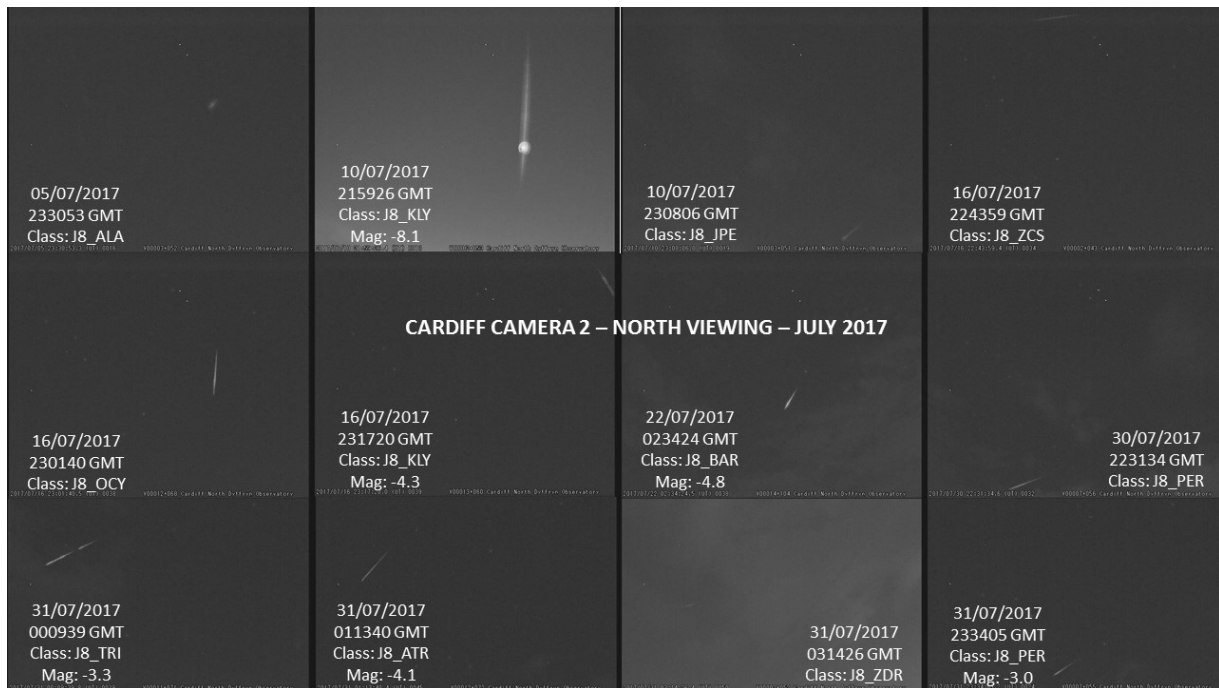
Camera 2 captured 21 meteor trails in July 2017 and 184 meteor trails in August 2017.

The CAS website CAS\_UKMON entry has been updated to the end of May 2017 for Camera 1, mid-August 2017 for Camera 2 and today for this report and general information.

The UKMON central database has been updated to the end of May 2017 for Camera 1 and the end of July 2017 for Camera 2. Camera 2 data for August has been partly processed but this has not yet been completed, this will be done as soon as possible. Of note is apparent lack of Perseids captured by Camera 2 during the peak of the Perseids, there are plenty of meteors but only a few classified as Perseids.

[http://www.cardiff-astronomical-society.co.uk/cas\\_ukmon2](http://www.cardiff-astronomical-society.co.uk/cas_ukmon2)

Some images:





Composite Camera 2 9<sup>th</sup> – 12<sup>th</sup> August 2017

The system is now utilizing the new (KDM-6101G) camera having received some guidance on the set-up parameters from UKMON although there are still adjustments being made. My initial impression is that the new camera is more sensitive than the original and thus capturing fainter or more distant objects. Another small benefit is that the old camera had some damage to the CCD which appeared as points of light, the new camera is in full health in this respect. The old camera will be kept as a spare.

The 4TB disc drive from the old (spare) UKMON PC has been transferred to the new PC and is now in use.

UKMON are planning to hold a conference at the Natural History Museum, London on the 18<sup>th</sup> November 2017, I have expressed an interest to attend which I will confirm when the programme and registration open.

Edward Cooper  
CAS UKMON Co-ordinator  
12<sup>th</sup> Sept 2017