

## CAS UKMON Report to CAS Committee Meeting 13/09/2018

This report covers activities between the 10<sup>th</sup> July and the 10<sup>th</sup> September 2018 of the CAS Meteor Observation Camera 2 located as part of the Society Observatory at National Trust Dyffryn Gardens.

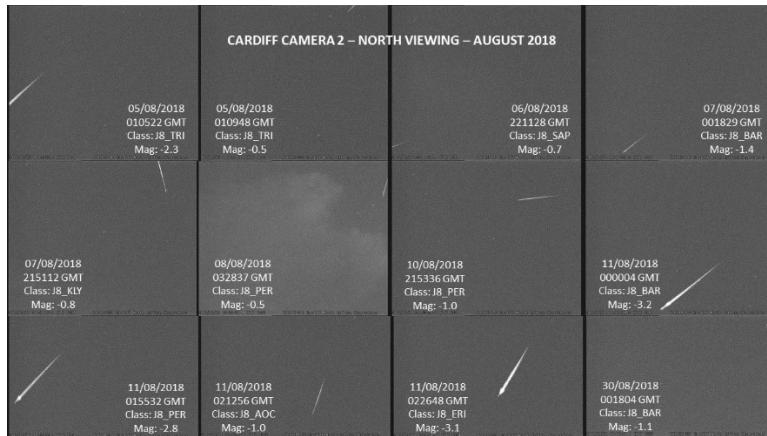
Camera 2 captured 21 meteor trails in July 2018 and 57 meteor trails in August 2018; no fireball events were recorded in July or August.

The CAS website CAS\_UKMON entry has been updated to the end of August 2018 for Camera 1, end August 2018 for Camera 2 and today for this report and general information.

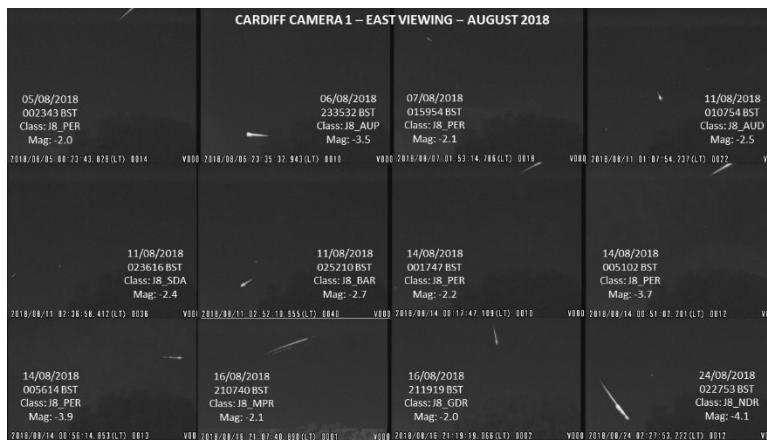
The UKMON central database has been updated to the end of August 2018 for Camera 1 and the end of August 2018 for Camera 2. Data for September is still being collected.

The main meteor event of the summer the Perseids passed with little impact and only a few captures by the north viewing camera at Dyffryn with 12 events, however more success was achieved by the east viewing camera at Llantwit Fadre with 35 events.

Some images from the camera at Dyffryn Gardens:



Some images from the camera at Llantwit Fadre: Note the 24/8/2018 event qualifies as a fireball.



The UKMON PC has operated with only minor intervention since the last report in July 2018; the UTC timeserver has been replaced with a second unit due to a failure yet to be diagnosed of the original unit.

A reminder that UKMON are holding their annual meeting at the National Museum, Cardiff on the 20<sup>th</sup> October 2018. Details of arrangements have yet to be finalised but are in hand with UKMON.

Edward Cooper  
CAS UKMON Co-ordinator  
11<sup>th</sup> September 2018