

CAS UKMON Report to CAS Committee Meeting 19/04/2018

This report covers activities between the 7th March 2018 and the 13th April 2018 of the CAS Meteor Observation Camera 2 located as part of the Society Observatory at National Trust Dyffryn Gardens.

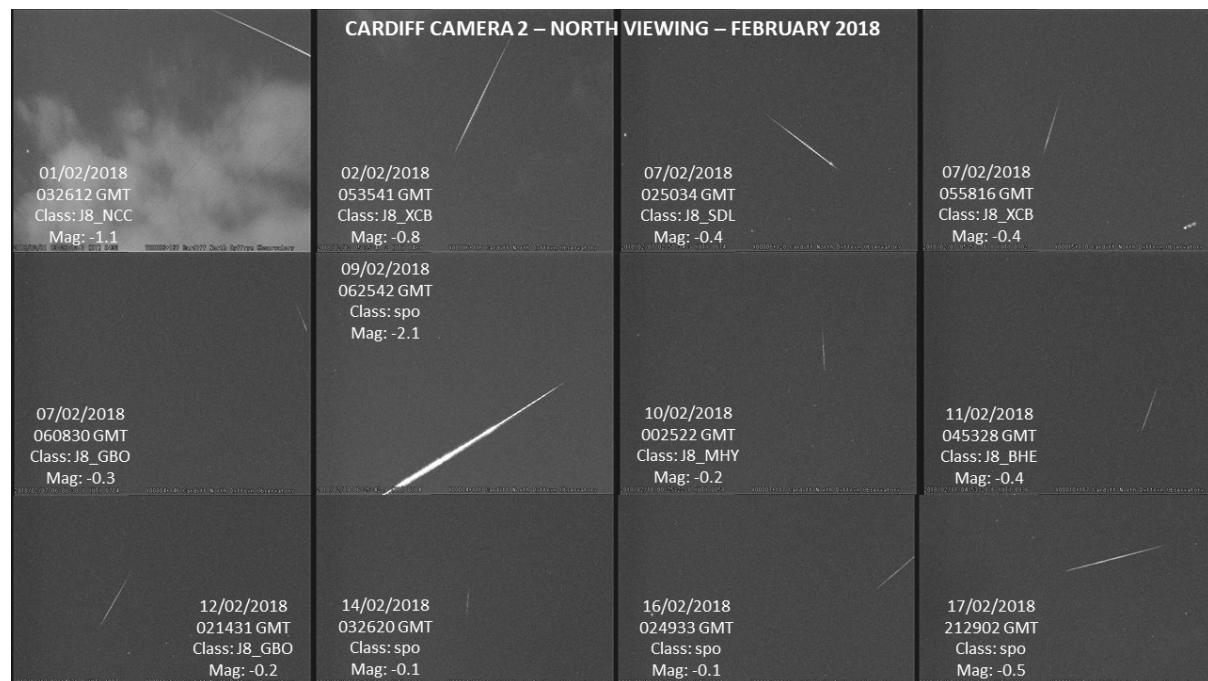
Camera 2 captured 21 meteor trails in March 2018 and 10 meteor trails in April 2018 (to the 13th April); no fireball events were recorded.

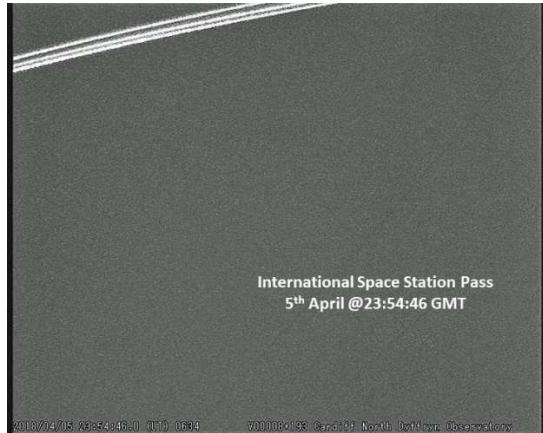
The CAS website CAS_UKMON entry has been updated to the end of January 2018 for Camera 1, end March 2018 for Camera 2 and today for this report and general information.

The UKMON central database has been updated to the end of January 2018 for Camera 1 and the end of February 2018. Data for April is still being collected.

Updated summaries of the Cardiff contribution to UKMON during 2017 can be accessed via the Society website at: https://s3-eu-west-1.amazonaws.com/cdn.webfactore.co.uk/sr_691009.pdf and https://s3-eu-west-1.amazonaws.com/cdn.webfactore.co.uk/sr_690994.pdf.

Some images from the camera at Dyffryn Gardens:





International Space Station Pass
5th April @23:54:46 GMT

2018/14/05 23:54:46.0 (UT) 0634 V1.003x192 Cardiff North Observatory

The UTC Clock Server (Arduino & GPS based) was implemented satisfactorily on the 16th March 2018, prior to this there was some time spent configuring the PC to accept the UTC timecode via the network port this involved a significant Windows 10 update to rectify a system issue. During this period the spare UKMON PC was used to acquire data.

The use of the UTC Clock Server is a good step as it means that the timestamp on our data is in sync with other UKMON stations (which use UTC time from the Internet).

Preparations have started for a UKMON meeting in Cardiff during the Autumn, the date has yet to be finalised, but the venue will be at the National Museum, Cardiff. It is possible that there will be some delegates from Europe.

Edward Cooper
CAS UKMON Co-ordinator
17th April 2018