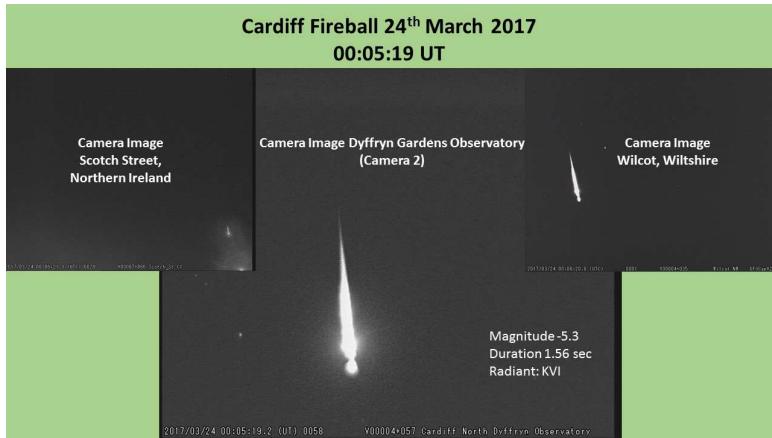


## **CAS UKMON Report to CAS Committee Meeting 20/04/2017**

This report covers activities between the 25<sup>th</sup> March 2017 and the 18<sup>th</sup> April 2017 for the CAS Meteor Observation Camera 2 located as part of the Society Observatory at NT Dyffryn Gardens.

The main item to report is that data recorded from the 1<sup>st</sup> March 2017 to the 31<sup>st</sup> March 2017 have been post processed and uploaded on to the UKMON server. The data for April 2017 will be processed during May 2017. The number of observed meteors in March was 24 including one fireball on the 24<sup>th</sup> March 2017.

The fireball at magnitude -5.3 was also observed from Scotch Street, NI and Wilcot, Wiltshire.



The CAS website CAS\_UKMON entry has been updated to the end of January 2017 for Camera 1 and the end of March 2017 for Camera 2.

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

Some examples:





2017/04/04 20:55:09.6 (UT) 0025

V00038+214 Cardiff North Dyffryn Observatory

Transit of the International Space Station 4<sup>th</sup> April 2017 20:55 UT

At the beginning of April 2017 UKMON ran some statistical scripts for all the individual UK stations and provided a compiled report for all stations, these two reports can be accessed either at the CAS\_UKMON website or the UKMON website.

A poster (also on the CAS website) has been developed for the CAS Astronomy Festival and future events although it will need to be updated as new information becomes available.

A new camera remains on order for the system, it is being purchased via a group initiative of UKMON; delivery details are yet to be advised.

Edward Cooper  
CAS UKMON Co-ordinator  
18<sup>th</sup> April 2017