

## CAS UKMON Report to CAS Committee Meeting 07/06/2017

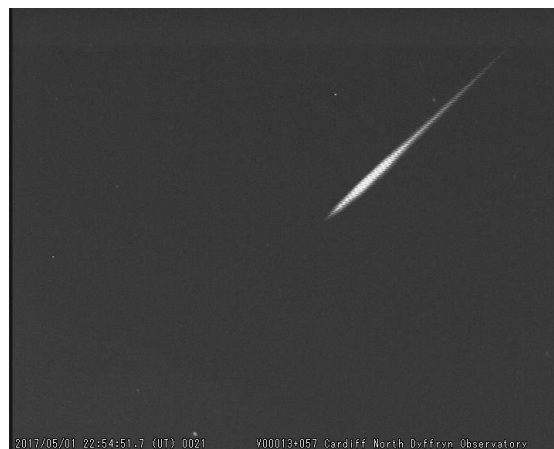
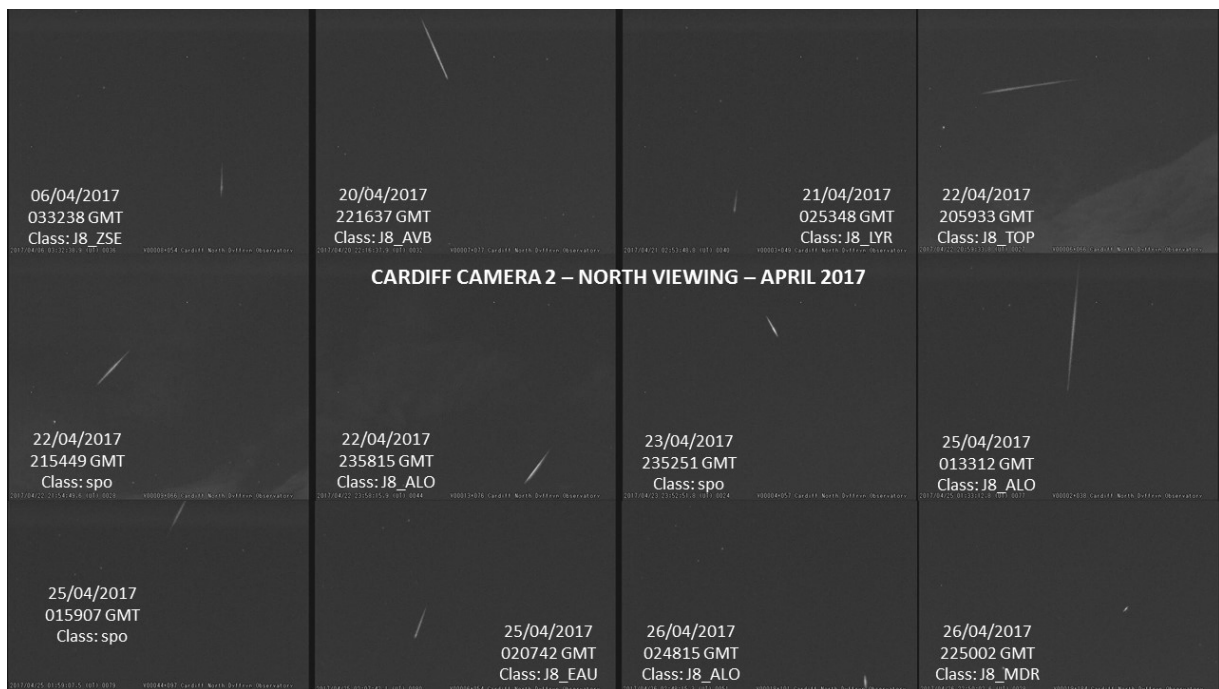
This report covers activities between the 18<sup>th</sup> April 2017 and the 6<sup>th</sup> June 2017 for the CAS Meteor Observation Camera 2 located as part of the Society Observatory at NT Dyffryn Gardens.

The main item to report is that data recorded from the 1<sup>st</sup> April 2017 to the 30<sup>th</sup> April 2017 have been post processed and uploaded on to the UKMON server. The data for May 2017 will be processed during June 2017. The number of observed meteors in April was 43, however only 5 were observed in May with potentially one fireball plus the lightning from the night of the 27<sup>th</sup> May.

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

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

Some examples:



Potential Fireball – 1<sup>st</sup> May 2017 22:54 UT

During May, some trials were conducted with a new camera from UKMON, this likely impacted on the number of observed meteors. The new camera has been replaced by the original camera since details on a satisfactory set-up of the camera is awaited from UKMON. Given the remote location of this camera it is not easy / practical to experiment with settings.

The poster on CAS Meteor Observations was used at the CAS Astrofest at the beginning of May, alongside a selection of meteorite material from the National Museum Cardiff collections.

Edward Cooper  
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6<sup>th</sup> June 2017