

CAS UKMON Report to CAS Committee Meeting 16/07/2020

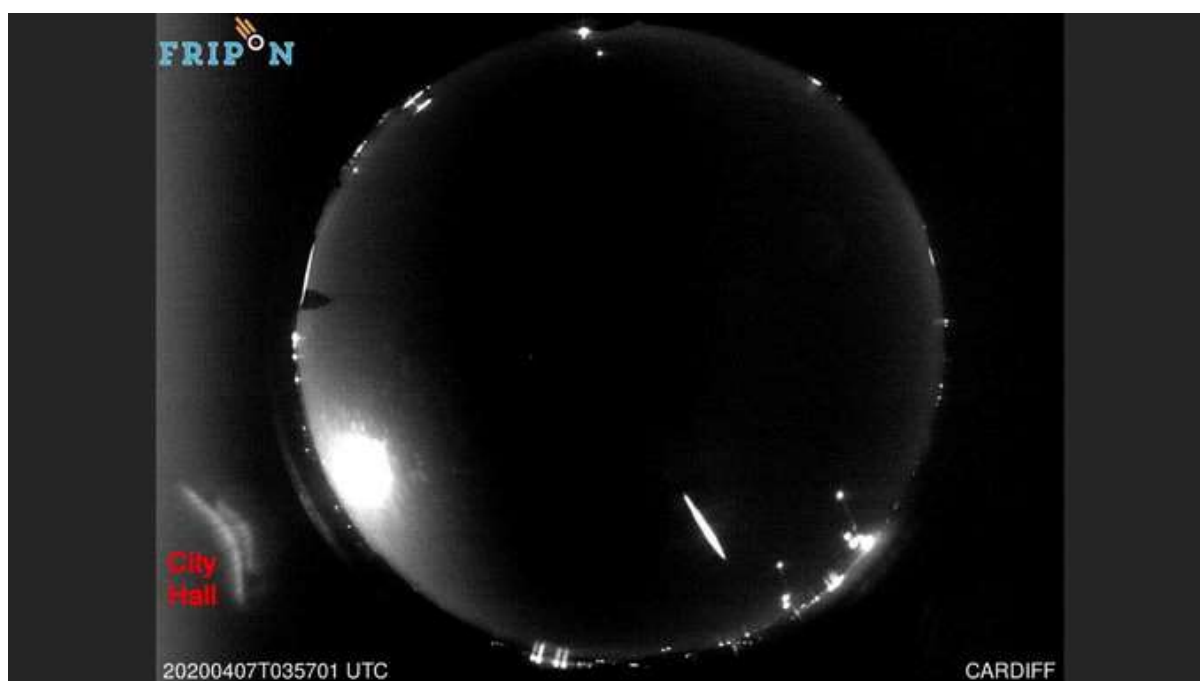
This report covers activities between the 9th January 2020 and the 14th July 2020 of the CAS Meteor Observation Camera 2 located as part of the Society Observatory at National Trust Dyffryn Gardens.

Camera 2 captured 12 meteor trails in January 2020, 12 meteor trails in February 2020, 1 meteor trail in March 2020, 0 meteor trails in April 2020 and 6 meteor trails in May 2020. No fireball events were recorded in the period of this review. The lack of any records during April was due to the system crashing on the 19th March just as the Covid-19 lockdown came into force until access was regained to the observatory in May (7th). The data for June has not yet been collected for processing.

The CAS website CAS_UKMON entry has been updated to the end of April 2020 for Camera 1, end May 2020 for Camera 2 and today for this report and general information.

The UKMON central database has been updated to the end of April 2020 for Camera 1 and the end of May 2020 for Camera 2. Following the introduction of the new UKMON central database as reported in January, all past data records for Cameras 1 and 2 have been transferred into it.

Not part of the CAS setup but worthy of report is that the SCAMP All Sky viewing camera located at the National Museum, Cathays Park has been successful in capturing a number of meteor trails which have been matched with observations elsewhere including the fireball (below) on the 7th April 2020.



I have had some introductory discussions with Matthew Allen in the School of Physics and Astronomy, Cardiff University about a project for schools they are thinking about grant bidding for including an element of meteor monitoring.

Yet to be established but soon to be is another UKMON CAS Station Camera (Camera3) with a southerly view, this is being setup by member Phil Jones with the assistance of Martin Chick.

In February I gave a presentation to Bridgend AS on the UKMON topic.

Edward Cooper
CAS UKMON Co-ordinator
14th July 2020