

CAS UKMON Report to CAS Committee Meeting 11/01/2018

This report covers activities between the 19th November 2017 and the 4th January 2018 of the CAS Meteor Observation Camera 2 located as part of the Society Observatory at National Trust Dyffryn Gardens.

Camera 2 captured 163 meteor trails in November 2017 and 236 meteor trails in December 2017 of which 67 were Geminids; no fireball events were recorded.

The CAS website CAS_UKMON entry has been updated to the end of October 2017 for Camera 1, end December 2017 for Camera 2 and today for this report and general information. There is also now a "Calendar of Visible Meteor Events 2018".

The UKMON central database has been updated to the end of October 2017 for Camera 1 and the end of December 2017 for Camera 2.

<http://www.cardiff-astronomical-society.co.uk/cas---ukmon>

Some images:



| CARDIFF CAMERA 2 – NORTH VIEWING – DECEMBER 2017 | | | |
|--|---|---|---|
| 01/12/2017 023215 GMT Class: J8_ORN | 01/12/2017 050926 GMT Class: J8_NLM | 08/12/2017 184049 GMT Class: spo | 08/12/2017 223203 GMT Class: J8_GEM |
| 09/12/2017 034831 GMT Class: J8_NID | 12/12/2017 025119 GMT Class: J8_Hyd | 12/12/2017 030915 GMT Class: J8_NLM | 14/12/2017 032127 GMT Class: J8_Hyd |
| 14/12/2017 043007 GMT Class: J8_KHY | 15/12/2017 001756 GMT Class: J8_GEM | 16/12/2017 060209 GMT Class: J8_DAD | 16/12/2017 061700 GMT Class: J8_COM |

During the week commencing 4th December there were power supply issues to the Observatory, these were reported to the Dyffryn Gardens Maintenance Officer, he was already aware of the problem as it affects the biomass boiler and had electricians engaged to resolve the circuit tripping. In short, the supply circuit was being overloaded with the number of electric heaters that keep the orchids and cacti warm in the polytunnels. The UPS on the UKMON PC appears to have kept the system running during these power outages.

Presentations from the UKMON Meeting held in November 2017 are available to view and download at:

<https://ukmeteornetwork.co.uk/downloads-presentations/>

Edward Cooper
CAS UKMON Co-ordinator
4th January 2018