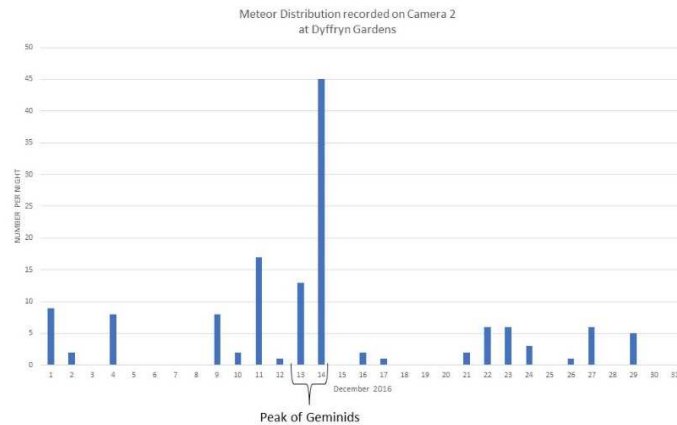


## CAS UKMON Report to CAS Committee Meeting 15/02/2017

This report covers activities between the 4<sup>th</sup> December 2016 and the 24<sup>th</sup> January 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> November 2016 to the 31<sup>st</sup> December 2016 have been post processed and uploaded on to the UKMON server. The data for January 2017 will be processed during February 2017. The number of observed meteors in November was 111 and 151 in December. The peak of the Geminids is clearly evident over the nights 13<sup>th</sup>/14<sup>th</sup> December and a fireball magnitude -7.2 was captured on the morning of the 22<sup>nd</sup> December 2016.



The CAS website CAS\_UKMON entry has been updated to the end of November 2016 for Camera 1 and the end of December 2016 for Camera 2.

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

Some examples:



01/12/2016 002906 GMT Class: J8_NOO	01/12/2016 021315 GMT Class: J8_DLM	04/12/2016 012939 GMT Class: J8_Hyd		09/12/2016 032452 GMT Class: J8_GEM	09/12/2016 042127 GMT Class: J8_TPY	11/12/2016 002306 GMT Class: J8_NZT
		11/12/2016 225046 GMT Class: J8_COM				
11/12/2016 032920 GMT Class: J8_GEM	11/12/2016 040032 GMT Class: J8_NLM		13/12/2016 013201 GMT Class: J8_GEM	13/12/2016 021132 GMT Class: J8_GEM	13/12/2016 215854 GMT Class: J8_GEM	
13/12/2016 220815 GMT Class: J8_GEM	13/12/2016 234540 GMT Class: J8_GEM	14/12/2016 004943 GMT Class: J8_GEM	14/12/2016 012022 GMT Class: J8_GEM	14/12/2016 022159 GMT Class: J8_GEM	14/12/2016 025900 GMT Class: J8_DMH	
<b>CARDIFF CAMERA 2 – NORTH VIEWING – DECEMBER 2016</b>						
	14/12/2016 033812 GMT Class: J8_GEM		14/12/2016 040246 GMT Class: J8_GEM	MAG -7.2		
14/12/2016 031510 GMT Class: J8_DHY		14/12/2016 034438 GMT Class: J8_GEM		22/12/2016 031837 GMT Class: J8_COM	23/12/2016 205735 GMT Class: J8_ORN	

The PC has crashed **on several occasions** during the period:

2/01/2017 after 19:37 restarted 17:00 4/01/2017.

13/01/2017 after 03:11 restarted 15:00 19/01/2017.

Then again 19 or 20/01/2017 restarted 20:00 20/01/2017.

Monitoring of the PC clock continues from when it was reset on the 17<sup>th</sup> November 2016, at the 4/01/2017 the time remained correct. 19/01/2017 had gained 2 minutes, reset to GMT.

Following the talk to the Society by Dr Jana Horak on the 19/01/2017, there may be some interest from the National Museum Cardiff in utilising data and images from CAS when they redevelop their Natural History exhibits. Early days now but worth keeping an eye on.

Edward Cooper  
CAS UKMON Co-ordinator  
24<sup>th</sup> January 2017