Summary report for Cardiff Dyffryn

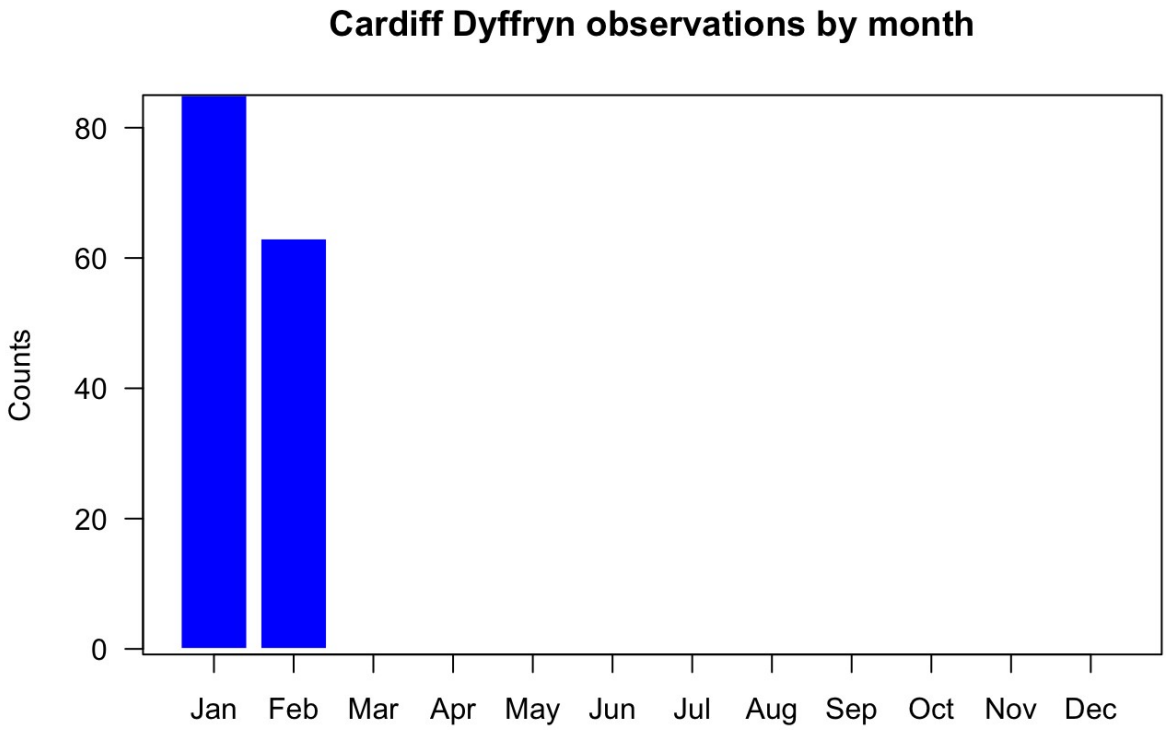
UKMON

2018-04-11

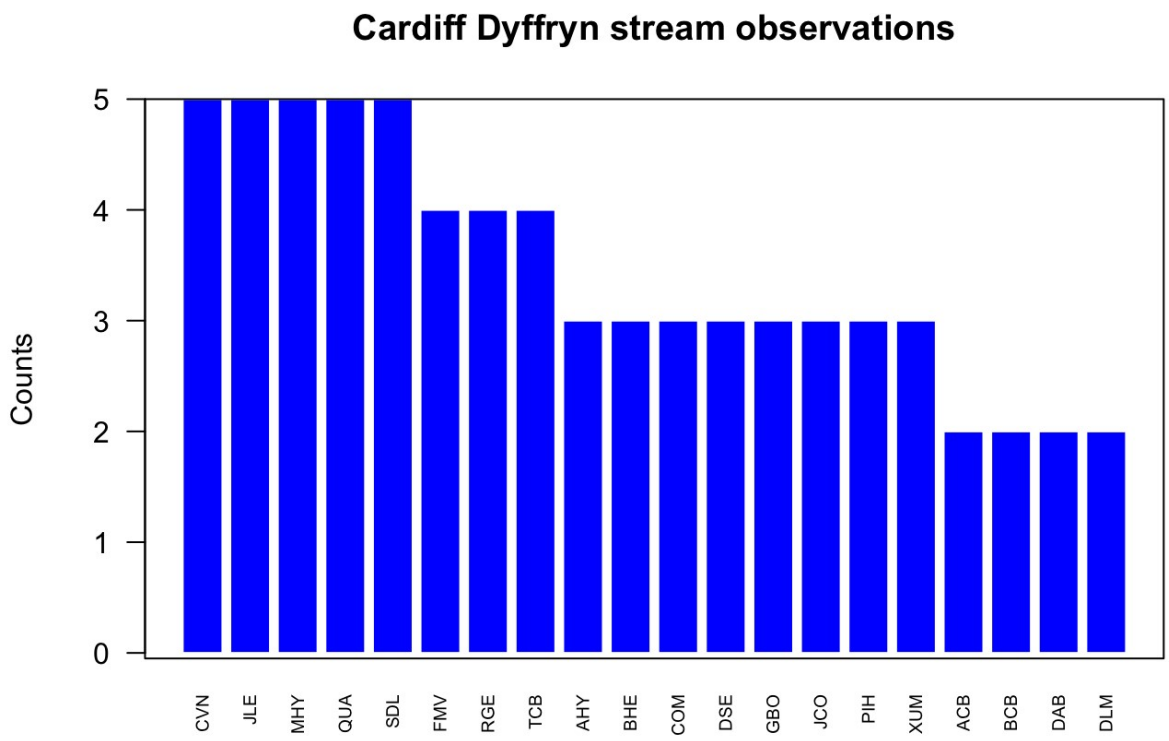
Summary of activity in 2018

Cardiff Dyffryn operates 2 cameras.

In 2018 Cardiff Dyffryn has recorded 148 individual meteor observations. These observations comprise 44 sporadic meteors and 104 stream meteors. A breakdown by month is shown below.



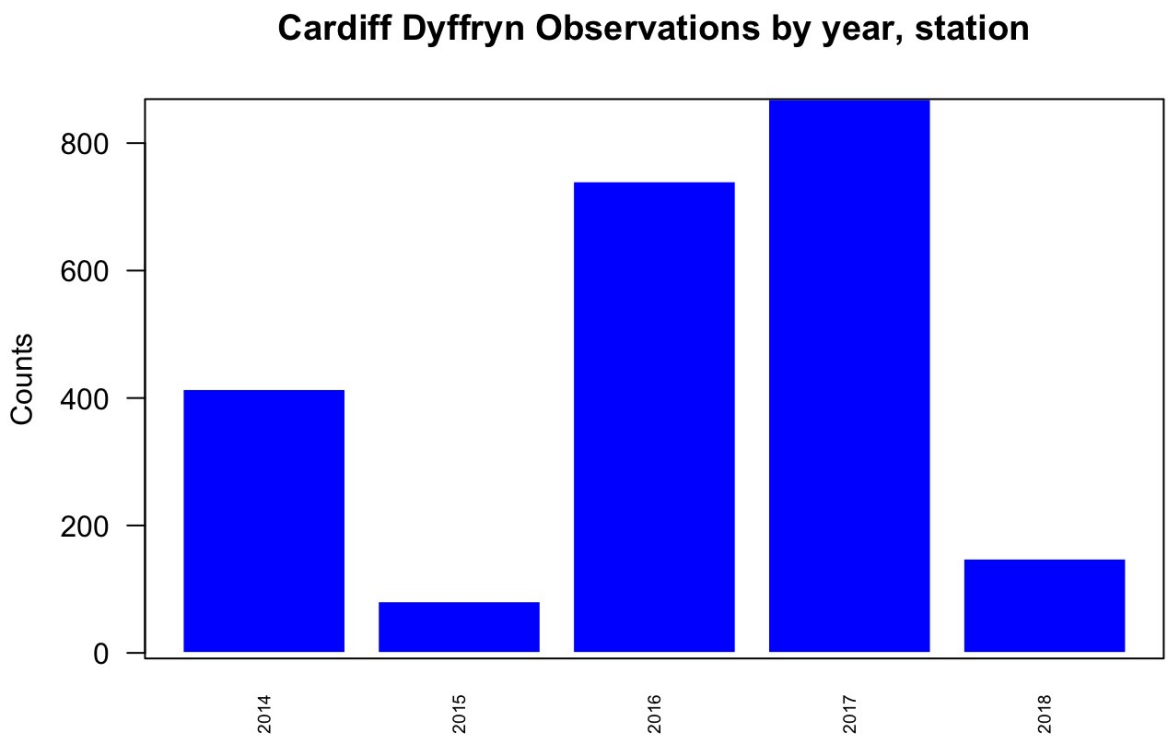
The following shows observation counts by stream for the 20 most frequent showers based on preliminary UFO ANALYSIS classifications:



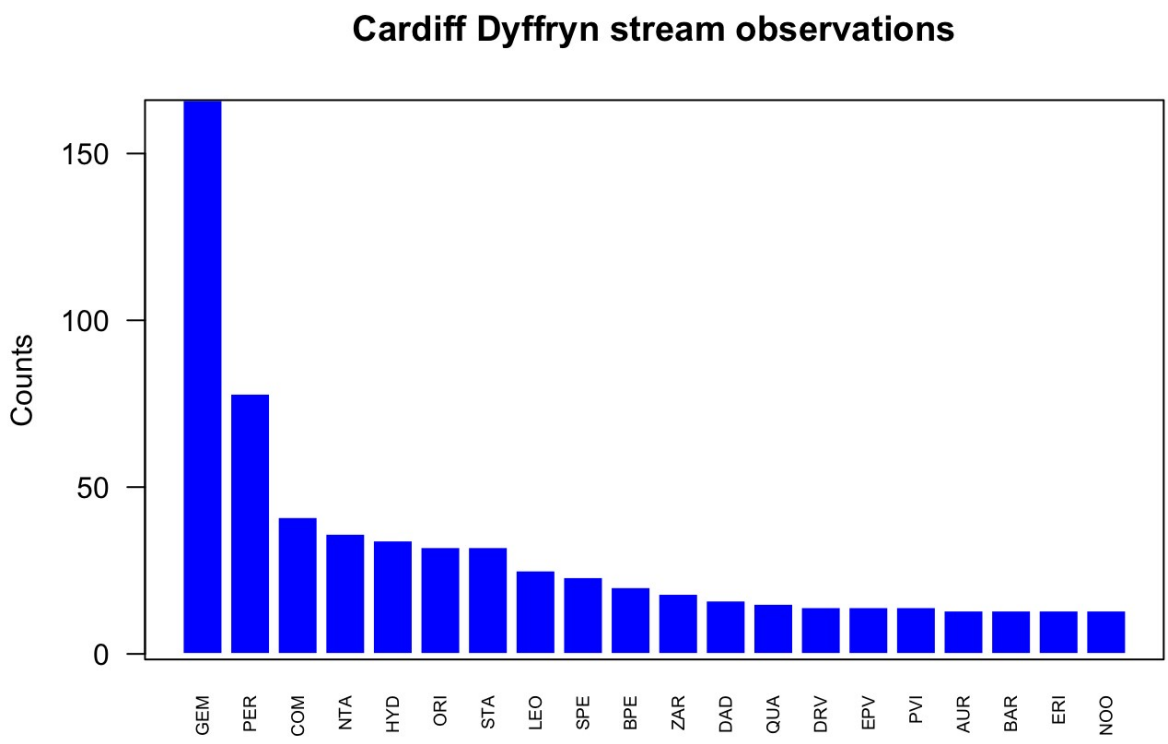
All observations by Cardiff Dyffryn between 2014 and 2018

UKMON data for Cardiff Dyffryn covers the period from 2014 to 2018 and totals 2252 individual meteor observations. These observations comprise 599 sporadic meteors and 1653 stream meteors.

This section provides a summary of all observations by Cardiff Dyffryn from 2014 to 2018. A breakdown of the number of observations by year is given in the histogram below.



The following graph shows observation counts by stream (preliminary UFO ANALYSIS classification). A detailed breakdown by shower is given in the table at the end of this report.



Fireball activity

Fireballs recorded (Based on IAU definition of apparrent magnitude of -4.0 or brighter)

Datetime	Magnitude	Duration	Stream
2017-08-13 00:17:31	-8.9	0.68	ERI
2017-07-10 21:59:26	-8.1	0.78	KLY
2017-08-13 03:04:52	-7.5	0.2	SPO
2016-12-22 03:18:37	-7.2	0.38	COM
2017-08-15 03:18:25	-6.4	0.24	SPO
2017-08-12 22:08:07	-6.3	0.44	SPO
2017-08-12 22:11:04	-6.2	1.38	AOC
2016-08-11 23:33:52	-5.9	0.14	BPE
2017-03-24 00:05:19	-5.3	1.56	KVI
2017-08-19 01:10:44	-5.0	0.24	SPO
2016-08-06 03:54:48	-4.9	0.5	GER
2017-07-22 02:34:24	-4.8	0.22	BAR
2016-07-22 00:49:15	-4.5	1.14	CAP
2016-08-13 03:40:28	-4.5	0.3	AIC
2016-03-30 01:46:48	-4.4	0.42	AAL
2017-08-03 02:55:34	-4.4	0.38	PER
2014-12-01 02:58:58	-4.3	0.56	SPO
2017-07-16 23:17:20	-4.3	0.42	KLY
2017-08-28 00:32:22	-4.3	0.08	ALN
2016-08-11 23:33:52	-4.2	0.06	BPE
2017-08-13 00:52:31	-4.2	0.32	SPO
2017-07-31 01:13:40	-4.1	0.3	ATR
2017-08-13 03:41:21	-4.1	0.14	SPO
2014-10-24 06:03:32	-4.0	0.12	SPO
2016-01-04 22:14:29	-4.0	0.86	COM
2016-08-12 00:27:11	-4.0	0.88	PER

The following table shows which stations are generating matched observations with this station and the number of matches:

Detailed counts (including sporadics)

Shower	Counts
SPO	599
GEM	166
PER	78
COM	41
NTA	36
HYD	34
ORI	32
STA	32
LEO	25
SPE	23
BPE	20
ZAR	18
DAD	16
QUA	15
DRV	14
EPV	14
PVI	14
AUR	13
BAR	13
ERI	13
NOO	13
AHY	12
NLM	12
TRI	12
CVN	11
DHY	11
MON	11
NUE	11
CMI	10

Shower	Counts
EHY	10
FTA	10
KUM	10
MHY	10
NLY	10
OME	10
TPY	10
DLM	9
EGE	9
GCP	9
KHY	9
PSU	9
TCB	9
ZCS	9
AGC	8
DAU	8
DMH	8
GER	8
JLE	8
PAR	8
RGE	8
DAB	7
GCM	7
KDR	7
NAU	7
SSA	7
XVI	7
ACB	6
AHE	6
ALO	6

Shower	Counts
ANA	6
ATR	6
BCN	6
BPI	6
DCL	6
DKD	6
DSV	6
EER	6
ETP	6
FLY	6
GDR	6
KCG	6
KVI	6
LYR	6
MLE	6
NAS	6
NBO	6
OCU	6
OLY	6
OML	6
ORN	6
POR	6
SDL	6
SLD	6
SOO	6
TCA	6
XAU	6
XCB	6
ACM	5
AOC	5

Shower	Counts
AOR	5
BHE	5
EPC	5
GBO	5
GPS	5
ICS	5
JCO	5
JLY	5
KSE	5
LMI	5
LUM	5
NID	5
NPI	5
NZT	5
OCG	5
OER	5
PIH	5
SLY	5
SOL	5
URS	5
UUM	5
ZTA	5
AAN	4
ABA	4
AED	4
BCB	4
BSX	4
CAP	4
DCM	4
DSE	4

Shower	Counts
FMV	4
FPL	4
IAR	4
JRH	4
LAQ	4
LBO	4
NDD	4
NIA	4
NZP	4
OBC	4
OCY	4
OPC	4
RLE	4
RPU	4
SAP	4
SAR	4
SCS	4
SLE	4
TOP	4
TPI	4
ZSE	4
ACA	3
ALY	3
AMO	3
ASC	3
ASX	3
BAU	3
BMO	3
CTA	3
DAR	3

Shower	Counts
DEL	3
DTA	3
ETA	3
FED	3
JNO	3
JPE	3
JPV	3
LDR	3
LOP	3
MPR	3
MVE	3
NCC	3
NCY	3
NDL	3
NHD	3
NHY	3
OCT	3
OMO	3
PAU	3
PBO	3
PSA	3
SDA	3
SOR	3
SPI	3
TCE	3
THA	3
TVI	3
UCE	3
XUM	3
AAL	2

Shower	Counts
ADC	2
AMD	2
AND	2
AUD	2
AUP	2
AVB	2
BAQ	2
DAL	2
DCY	2
DPI	2
DPL	2
EAU	2
ESE	2
ETT	2
EVI	2
GTA	2
GTI	2
ICE	2
ISC	2
JEC	2
JRP	2
KLY	2
LCY	2
MAC	2
MDR	2
MML	2
NAR	2
NDR	2
NGM	2
NOP	2

Shower	Counts
NSS	2
NZC	2
OEE	2
ORS	2
OUM	2
SAQ	2
SCA	2
SCC	2
SIA	2
SOA	2
SRP	2
TCN	2
XLI	2
ZCN	2
ZCY	2
ZDR	2
ABC	1
ABS	1
ACO	1
AIC	1
ALA	1
ALN	1
AOE	1
APG	1
ARC	1
ATA	1
AXC	1
BCR	1
BPG	1
CAM	1

Shower	Counts
CUR	1
DDC	1
DDR	1
DMT	1
DPC	1
DRA	1
DSA	1
DXL	1
FBO	1
FCM	1
FHE	1
GCO	1
GDE	1
GLI	1
GPU	1
HVI	1
ICY	1
JBP	1
JCC	1
JMC	1
JSC	1
JUG	1
JZA	1
JZD	1
KAQ	1
LLY	1
LVI	1
MIC	1
MLY	1
MPS	1

Shower	Counts
MZC	1
NAL	1
NDA	1
NEC	1
NER	1
NLD	1
NLL	1
NOA	1
ODR	1
OLE	1
OMA	1
OMC	1
OPL	1
OUI	1
PAQ	1
PIP	1
PPS	1
PUM	1
PUP	1
SIC	1
SLL	1
SOP	1
SSE	1
SZC	1
TSR	1
XCE	1
XHE	1
ZCA	1