

Monthly Final Report

MFR

Kjell Inge Malde, Director/Editor
Böreholen 20, N-4085 Hundvaag NORWAY

Web: <http://www.cv-helios.net>
Email: cvhelios@gmail.com

Volume 22 Number 11

MPR 256

November 2002

(ISSN 2535-3780)

CV-Helios Network

Monthly Final Report for November 2002

Solar Cycle 23: Month no. 77

Report id.: cv0211.pdf - CV-report no.: 256

Memno.	Name	Country	CV	Obs	K	Obs. Tot.
CV-001	MALDE, KJELL INGE	NORWAY	152,9	18	1,022	4439
CV-010	DUBOIS, FRANKY	BELGIUM	146,8	17	0,981	3760
CV-014	GÖTZ, MARTIN	DENMARK	286,0	3	1,911	1069
CV-019	JUNKER, ELMAR	GERMANY	155,5	2	1,039	1318
CV-021	BARNES, HOWARD	NEW ZEALAND	173,5	15	1,160	2132
CV-022	VIERTTEL, ANDREAS	GERMANY	164,2	9	1,097	2405
CV-023	BRETSCHNEIDER, HARTMUT	GERMANY	124,1	10	0,829	1662
CV-032	EGGER, FRITZ	SWITZERLAND	129,4	7	0,865	1642
CV-034	VVS BELGIUM,	BELGIUM	135,7	23	0,907	1191
CV-038	MORALES, GERMAN	BOLIVIA	143,6	29	0,959	1489
CV-040	BATTAIOLA, ROBERTO	ITALY	138,3	4	0,924	727
CV-044	SCHRÖDER, GERD	GERMANY	123,8	12	0,827	842
CV-047	CARLSON, JIM	UNITED STATES	146,4	5	0,978	977
CV-049	MARTIN-SMITH, MICHAEL	UNITED KINGDOM	85,7	3	0,572	221
CV-055	ASTRO UNISON, MEXICO	MEXICO	127,1	14	0,850	763
CV-059	PAWLUTSCHENKO, BEN	AUSTRALIA	147,0	4	0,982	229
CV-068	THIMM, SVEN OVE	DENMARK	131,2	5	0,877	840
CV-071	HICKMANN, RICO	GERMANY	175,5	2	1,173	600
CV-076	LOADER, PAULINE	NEW ZEALAND	141,5	2	0,946	355
CV-082	URBANSKI, PIOTR	POLAND	161,8	17	1,081	767
CV-086	TOS-POLAND	POLAND	146,0	30	0,976	1123
CV-091	DALEK, GRZEGORZ	POLAND	172,0	7	1,149	517
CV-095	ANDRESEN, BIRGER	NORWAY	164,0	7	1,096	278
CV-102	MOSER, PAULO ROBERTO	BRAZIL	182,2	16	1,217	265
CV-103	STEEN, OCTAAF	BELGIUM	131,5	23	0,879	597
CV-104	MEEUS, LIEVE	BELGIUM	131,9	10	0,881	288
CV-105	RYBACK, ALEXEY	RUSSIA	96,0	1	0,641	335
CV-107	LEVENTHAL, MONTY	AUSTRALIA	183,5	22	1,226	430
CV-122	FEIK, VLASTISLAV	CZECH REPUBLIC	156,0	7	1,042	175
CV-128	NELIBA, VLASTIMIL	CZECH REPUBLIC	186,4	8	1,245	195
CV-130	VARGAS, LUCIMARY	BRAZIL	152,5	2	1,019	69
CV-132	VALLE, DANIEL DEL	UNITED STATES	125,1	13	0,836	53
CV-135	ARAUJO, GEMA	SPAIN	154,8	12	1,034	358
CV-136	GARCÍA, FAUSTINO	SPAIN	130,8	12	0,874	59
CV-137	RODRÍGUEZ RODRÍGUEZ, JAVIER RAMÓN	SPAIN	156,2	14	1,044	58
Totals	Observers 35	Days 30	CV 150,25	No 385	K 1,004	

Monthly Final Report

MFR

Kjell Inge Malde, Director/Editor
Böreholen 20, N-4085 Hundvaag NORWAY

Web: <http://www.cv-helios.net>
Email: cvhelios@gmail.com

Volume 22 Number 11

MPR 256

November 2002

(ISSN 2535-3780)

Results

Date	CV	Obsrvrs	USAF	std.dev.	CV-6 rot.	CV-13 rot.
1	145,2	17	131,14	9,97	139,53	148,01
2	174,3	16	163,17	7,88	139,46	148,00
3	182,8	14	172,67	7,15	139,59	148,02
4	192,0	13	183,09	6,30	139,80	148,04
5	174,8	12	163,75	7,84	139,91	148,02
6	202,8	13	195,45	5,23	140,11	148,11
7	157,7	18	144,71	9,16	140,15	148,16
8	165,8	12	153,64	8,57	140,07	148,25
9	185,4	16	175,59	6,92	140,17	148,42
10	165,9	11	153,81	8,55	140,17	148,51
11	123,2	11	107,55	11,06	140,03	148,49
12	106,4	12	90,09	11,55	139,75	148,45
13	90,8	11	74,27	11,70	139,37	148,34
14	145,6	12	131,52	9,95	139,34	148,49
15	166,5	17	154,44	8,51	139,38	148,66
16	214,4	13	208,72	4,00	139,76	148,99
17	218,1	15	213,06	3,59	140,20	149,33
18	189,6	12	180,35	6,53	140,32	149,44
19	158,8	12	146,00	9,08	140,38	149,39
20	155,0	16	141,79	9,34	140,47	149,18
21	123,8	13	108,17	11,03	140,49	148,89
22	119,2	16	103,35	11,20	140,60	148,68
23	116,3	11	100,30	11,30	140,69	148,31
24	119,3	15	103,50	11,20	140,93	148,01
25	101,9	10	85,46	11,62	141,03	147,59
26	98,1	13	81,57	11,67	141,14	147,27
27	100,9	9	84,43	11,64	141,24	146,94
28	83,8	6	67,34	11,66	141,32	146,54
29	76,6	10	60,28	11,54	141,17	146,22
30	107,2	9	90,92	11,53	141,12	146,11
Totals/ Avrgs	149,65	12,8	132,34	9,24	140,26	148,16

Updated 13.04.2018 08:00 UTC