

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 23 Number 9 MPR 266 September 2003 (ISSN 2535-3780)

CV-Helios Network

Monthly Final Report for September 2003

Solar Cycle 23: Month no. 87

Report id.: cv0309.pdf - CV-report no.: 266

Memno.	Name	Country	CV	Obs	K	Obs. Tot.
CV-001	MALDE, KJELL INGE	NORWAY	65,9	14	1,113	4640
CV-010	DUBOIS, FRANKY	BELGIUM	46,3	30	0,783	4004
CV-014	GÖTZ, MARTIN	DENMARK	82,1	12	1,387	1195
CV-019	JUNKER, ELMAR	GERMANY	57,7	18	0,976	1445
CV-020	HOLL, MANFRED	GERMANY	43,1	25	0,729	2151
CV-021	BARNES, HOWARD	NEW ZEALAND	59,0	8	0,997	2263
CV-022	VIERTEL, ANDREAS	GERMANY	47,1	15	0,797	2544
CV-023	BRETSCHNEIDER, HARTMUT	GERMANY	44,9	24	0,759	1849
CV-032	EGGER, FRITZ	SWITZERLAND	48,2	22	0,814	1829
CV-034	VVS BELGIUM,	BELGIUM	131,3	28	2,220	1463
CV-038	MORALES, GERMAN	BOLIVIA	73,6	30	1,244	1778
CV-040	BATTAIOLA, ROBERTO	ITALY	51,4	14	0,869	845
CV-041	ROTHERMEL, JENS	GERMANY	89,9	10	1,520	822
CV-044	SCHRÖDER, GERD	GERMANY	51,3	21	0,868	1008
CV-047	CARLSON, JIM	UNITED STATES	51,6	19	0,872	1113
CV-049	MARTIN-SMITH, MICHAEL	UNITED KINGDOM	33,5	6	0,566	269
CV-055	ASTRO UNISON, MEXICO	MEXICO	46,3	11	0,782	876
CV-059	PAWLUTSCHENKO, BEN	AUSTRALIA	73,0	3	1,234	279
CV-064	STRICKLING, WOLFGANG	GERMANY	41,0	4	0,693	651
CV-068	THIMM, SVEN OVE	DENMARK	55,7	17	0,942	1027
CV-071	HICKMANN, RICO	GERMANY	56,3	12	0,951	717
CV-077	JOHNSTON, ANDREW	UNITED KINGDOM	53,9	18	0,911	346
CV-082	URBANSKI, PIOTR	POLAND	61,5	22	1,040	958
CV-085	DECKERT, ANN CHRISTIN	GERMANY	93,0	1	1,572	103
CV-086	TOS-POLAND	POLAND	62,5	30	1,056	1423
CV-089	SZATKOWSKI, KRZYSIEK	POLAND	67,3	18	1,138	578
CV-091	DALEK, GRZEGORZ	POLAND	57,2	27	0,967	712
CV-095	ANDRESEN, BIRGER	NORWAY	52,1	17	0,881	431
CV-102	MOSEER, PAULO ROBERTO	BRAZIL	75,1	15	1,269	326
CV-104	MEEUS, LIEVE	BELGIUM	49,0	21	0,829	444
CV-105	RYBACK, ALEXEY	RUSSIA	78,3	19	1,324	517
CV-107	LEVENTHAL, MONTY	AUSTRALIA	57,5	24	0,972	629
CV-122	FEIK, VLASTISLAV	CZECH REPUBLIC	54,1	16	0,914	340
CV-128	NELIBA, VLASTIMIL	CZECH REPUBLIC	72,6	27	1,226	420
CV-129	MUSIALSKI, PAWEL	POLAND	53,4	13	0,902	25
CV-135	ARAUJO, GEMA	SPAIN	56,6	29	0,957	585
CV-136	GARCÍA, FAUSTINO	SPAIN	30,7	19	0,520	208
CV-137	RODRÍGUEZ RODRÍGUEZ, JAVIER RAMÓN	SPAIN	73,4	12	1,241	126
CV-139	ALONSO, JAVIER	SPAIN	38,4	17	0,649	134
CV-142	SUZUKI, MIYOSHI	JAPAN	53,8	24	0,909	77
CV-145	WILLMANN, BJØRN	NORWAY	45,2	13	0,763	98
CV-146	GONZÁLEZ COROAS, ANGEL ALBERTO	CUBA	37,6	30	0,636	122
CV-207	ONDREJOV OBSERVATORY (AI CAS)	CZECH REPUBLIC	74,6	27	1,261	222
Totals	Observers	Days	CV	No	K	
	43	30	59,23	782	1,001	

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 23 Number 9

MPR 266

September 2003

(ISSN 2535-3780)

Results

Date	CV	Obsrvrs	USAF	std.dev.	CV-6 rot.	CV-13 rot.
1	60,6	24	65	3,12	93,90	103,61
2	53,2	29	84	21,80	94,19	103,37
3	42,0	27	43	0,68	94,32	103,12
4	51,0	22	71	14,14	94,33	102,91
5	53,4	27	49	3,09	94,23	102,68
6	45,5	30	85	27,95	93,99	102,42
7	32,1	29	75	30,31	93,48	102,06
8	19,3	22	49	20,99	92,66	101,61
9	20,3	24	21	0,47	91,70	101,12
10	32,4	20	24	5,94	90,88	100,70
11	32,5	23	33	0,37	90,04	100,32
12	34,3	21	27	5,15	89,30	99,99
13	32,4	27	43	7,52	88,61	99,57
14	33,7	34	30	2,60	87,79	99,17
15	38,3	30	51	8,96	87,12	98,77
16	39,3	28	69	20,99	86,55	98,46
17	62,5	28	73	7,45	86,24	98,16
18	75,5	28	67	6,01	86,19	98,07
19	69,7	29	65	3,32	86,21	98,03
20	73,7	28	93	13,66	86,22	98,03
21	76,8	30	67	6,95	86,38	98,01
22	83,0	28	79	2,83	86,58	97,98
23	85,3	21	98	8,99	86,76	97,99
24	88,6	30	106	12,33	86,91	97,94
25	86,5	27	117	21,58	87,06	97,86
26	80,1	23	82	1,32	87,24	97,75
27	91,8	24	83	6,22	87,73	97,64
28	92,2	25	121	20,39	88,16	97,55
29	89,5	21	127	26,53	88,48	97,37
30	103,8	23	146	29,85	88,78	97,21
Totals/ Avrgs	59,16	26,1	71,43	11,38	89,40	99,65