

Monthly Final Report

MFR

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CV-Helios Network

Monthly Final Report for August 2003

Solar Cycle 23: Month no. 86

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Memno.	Name	Country	CV	Obs	K	Obs. Tot.
CV-001	MALDE, KJELL INGE	NORWAY	100,3	24	1,051	4626
CV-010	DUBOIS, FRANKY	BELGIUM	74,4	28	0,781	3974
CV-012	HEEN, LARS TRYGVGE	NORWAY	118,0	1	1,238	742
CV-014	GÖTZ, MARTIN	DENMARK	159,7	15	1,675	1183
CV-019	JUNKER, ELMAR	GERMANY	61,8	13	0,649	1427
CV-020	HOLL, MANFRED	GERMANY	71,6	22	0,751	2126
CV-021	BARNES, HOWARD	NEW ZEALAND	121,1	13	1,270	2255
CV-022	VIERTEL, ANDREAS	GERMANY	75,1	12	0,787	2529
CV-023	BRETSCHNEIDER, HARTMUT	GERMANY	78,8	27	0,826	1825
CV-032	EGGER, FRITZ	SWITZERLAND	77,1	20	0,809	1807
CV-034	VVS BELGIUM,	BELGIUM	140,3	31	1,471	1435
CV-038	MORALES, GERMAN	BOLIVIA	101,9	31	1,069	1748
CV-040	BATTAIOLA, ROBERTO	ITALY	109,0	23	1,144	831
CV-041	ROTHERMEL, JENS	GERMANY	130,6	24	1,370	812
CV-044	SCHRÖDER, GERD	GERMANY	60,3	14	0,632	987
CV-047	CARLSON, JIM	UNITED STATES	76,1	16	0,798	1094
CV-049	MARTIN-SMITH, MICHAEL	UNITED KINGDOM	69,8	6	0,732	263
CV-055	ASTRO UNISON, MEXICO	MEXICO	66,0	11	0,692	865
CV-059	PAWLUTSCHENKO, BEN	AUSTRALIA	97,6	5	1,024	276
CV-064	STRICKLING, WOLFGANG	GERMANY	94,2	5	0,988	647
CV-068	THIMM, SVEN OVE	DENMARK	82,1	30	0,861	1010
CV-071	HICKMANN, RICO	GERMANY	109,7	27	1,151	705
CV-077	JOHNSTON, ANDREW	UNITED KINGDOM	86,8	26	0,910	328
CV-082	URBANSKI, PIOTR	POLAND	97,9	24	1,027	936
CV-086	TOS-POLAND	POLAND	99,8	31	1,046	1393
CV-089	SZATKOWSKI, KRZYSIEK	POLAND	109,2	29	1,145	560
CV-091	DALEK, GRZEGORZ	POLAND	106,0	25	1,112	685
CV-095	ANDRESEN, BIRGER	NORWAY	84,3	26	0,885	414
CV-104	MEEUS, LIEVE	BELGIUM	84,1	15	0,882	423
CV-105	RYBACK, ALEXEY	RUSSIA	110,5	19	1,159	498
CV-107	LEVENTHAL, MONTY	AUSTRALIA	125,5	22	1,316	605
CV-116	BJERKGÅRD, TERJE	NORWAY	122,0	4	1,280	118
CV-122	FEIK, VLASTISLAV	CZECH REPUBLIC	85,8	17	0,900	324
CV-128	NELIBA, VLASTIMIL	CZECH REPUBLIC	103,0	30	1,081	393
CV-135	ARAUJO, GEMA	SPAIN	97,3	31	1,020	556
CV-136	GARCÍA, FAUSTINO	SPAIN	65,8	20	0,690	189
CV-139	ALONSO, JAVIER	SPAIN	68,8	13	0,722	117
CV-142	SUZUKI, MIYOSHI	JAPAN	81,8	24	0,858	53
CV-145	WILLMANN, BJØRN	NORWAY	74,5	19	0,781	85
CV-146	GONZÁLEZ COROAS, ANGEL ALBERTO	CUBA	74,2	31	0,778	92
CV-207	ONDREJOV OBSERVATORY (AI CAS)	CZECH REPUBLIC	116,7	29	1,224	195
Totals	Observers 41	Days 31	CV 94,38	No 833	K 0,990	

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Results

Date	CV	Obsrvrs	USAF	std.dev.	CV-6 rot.	CV-13 rot.
1	74,8	29	90	10,73	91,25	109,52
2	92,2	30	99	4,78	91,42	109,28
3	117,9	31	136	12,82	91,71	109,08
4	122,9	29	127	2,90	92,10	108,76
5	124,5	30	145	14,52	92,55	108,42
6	123,0	33	142	13,46	93,02	108,20
7	123,5	27	113	7,41	93,51	108,08
8	126,2	26	130	2,67	94,04	107,94
9	130,0	28	151	14,85	94,65	107,77
10	128,0	28	143	10,58	95,17	107,64
11	107,9	28	120	8,56	95,41	107,49
12	102,5	28	124	15,20	95,50	107,27
13	99,2	28	132	23,21	95,46	107,04
14	73,3	25	95	15,36	95,35	106,83
15	69,5	27	55	10,24	95,24	106,66
16	69,1	25	54	10,66	95,03	106,51
17	77,6	25	73	3,28	94,99	106,41
18	65,6	27	76	7,39	94,71	106,36
19	59,4	20	61	1,13	94,38	106,27
20	47,5	26	33	10,28	93,86	106,04
21	58,5	27	91	22,99	93,50	105,79
22	88,8	29	127	27,04	93,25	105,52
23	102,6	30	142	27,86	93,15	105,33
24	98,0	29	107	6,39	93,29	105,09
25	94,6	27	141	32,79	93,34	104,87
26	92,4	27	93	0,42	93,31	104,71
27	88,7	25	68	14,65	93,27	104,57
28	117,5	22	125	5,34	93,42	104,47
29	100,8	17	126	17,84	93,46	104,31
30	85,0	24	121	25,49	93,47	104,12
31	66,2	26	82	11,20	93,60	103,88
Totals/ Avrgs	95,34	26,9	107,16	12,65	93,76	106,59