

Monthly Final Report

MFR

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CV-Helios Network

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Solar Cycle 23: Month no. 83

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Memno.	Name	Country	CV	Obs	K	Obs. Tot.
CV-001	MALDE, KJELL INGE	NORWAY	68,6	22	0,913	4553
CV-010	DUBOIS, FRANKY	BELGIUM	76,3	28	1,016	3890
CV-012	HEEN, LARS TRYGVGE	NORWAY	114,5	2	1,524	733
CV-014	GÖTZ, MARTIN	DENMARK	104,0	23	1,385	1146
CV-019	JUNKER, ELMAR	GERMANY	76,9	17	1,024	1377
CV-020	HOLL, MANFRED	GERMANY	49,9	23	0,664	2054
CV-021	BARNES, HOWARD	NEW ZEALAND	90,6	16	1,206	2207
CV-022	VIERTEL, ANDREAS	GERMANY	71,2	19	0,948	2478
CV-023	BRETSCHNEIDER, HARTMUT	GERMANY	59,0	24	0,786	1756
CV-032	EGGER, FRITZ	SWITZERLAND	86,9	18	1,157	1735
CV-034	VVS BELGIUM,	BELGIUM	73,2	29	0,974	1344
CV-036	BROMME, HEIKO	GERMANY	81,6	5	1,086	525
CV-038	MORALES, GERMAN	BOLIVIA	73,2	30	0,974	1656
CV-040	BATTAIOLA, ROBERTO	ITALY	66,1	14	0,880	766
CV-041	ROTHERMEL, JENS	GERMANY	111,9	7	1,489	759
CV-044	SCHRÖDER, GERD	GERMANY	73,2	21	0,974	933
CV-047	CARLSON, JIM	UNITED STATES	65,3	14	0,869	1044
CV-049	MARTIN-SMITH, MICHAEL	UNITED KINGDOM	56,0	5	0,745	248
CV-055	ASTRO UNISON, MEXICO	MEXICO	72,0	17	0,958	832
CV-059	PAWLUTSCHENKO, BEN	AUSTRALIA	75,6	5	1,006	257
CV-068	THIMM, SVEN OVE	DENMARK	63,3	28	0,843	927
CV-071	HICKMANN, RICO	GERMANY	75,1	20	1,000	636
CV-076	LOADER, PAULINE	NEW ZEALAND	79,7	10	1,061	425
CV-077	JOHNSTON, ANDREW	UNITED KINGDOM	65,4	23	0,871	261
CV-082	URBANSKI, PIOTR	POLAND	83,3	26	1,110	883
CV-085	DECKERT, ANN CHRISTIN	GERMANY	84,0	1	1,118	96
CV-086	TOS-POLAND	POLAND	79,9	31	1,064	1301
CV-091	DALEK, GRZEGORZ	POLAND	87,5	25	1,165	619
CV-095	ANDRESEN, BIRGER	NORWAY	86,8	25	1,155	338
CV-102	MOSER, PAULO ROBERTO	BRAZIL	75,3	7	1,002	307
CV-104	MEEUS, LIEVE	BELGIUM	74,9	17	0,997	379
CV-105	RYBACK, ALEXEY	RUSSIA	80,5	24	1,071	428
CV-107	LEVENTHAL, MONTY	AUSTRALIA	79,7	18	1,061	542
CV-116	BJERKGÅRD, TERJE	NORWAY	63,3	4	0,842	105
CV-122	FEIK, VLASTISLAV	CZECH REPUBLIC	74,4	21	0,991	273
CV-128	NELIBA, VLASTIMIL	CZECH REPUBLIC	73,3	25	0,976	309
CV-129	MUSIALSKI, PAWEL	POLAND	109,0	1	1,451	12
CV-135	ARAUJO, GEMA	SPAIN	66,7	27	0,887	472
CV-136	GARCÍA, FAUSTINO	SPAIN	64,6	19	0,860	146
CV-139	ALONSO, JAVIER	SPAIN	53,6	22	0,714	72
CV-140	MARSICANO, TULLIO	SOUTH AFRICA	89,7	13	1,194	63
CV-145	WILLMANN, BJØRN	NORWAY	69,7	22	0,928	22
CV-207	ONDREJOV OBSERVATORY (AI CAS)	CZECH REPUBLIC	90,6	27	1,206	113
Totals	Observers	Days	CV	No	K	
	43	31	77,13	775	1,027	

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Results

Date	CV	Obsrvrs	USAF	std.dev.	CV-6 rot.	CV-13 rot.
1	152,4	23	143	6,64	93,03	119,92
2	148,6	27	136	8,93	92,97	119,73
3	147,2	21	122	17,81	92,92	119,66
4	147,0	29	203	39,57	93,06	119,76
5	150,8	27	140	7,62	93,25	119,82
6	138,3	24	152	9,69	93,39	119,81
7	106,1	34	98	5,72	93,31	119,72
8	53,4	30	30	16,57	93,01	119,46
9	38,4	24	35	2,42	92,65	119,14
10	32,7	25	20	8,97	92,23	118,71
11	32,8	26	33	0,11	91,92	118,28
12	46,3	29	59	8,95	91,74	117,89
13	44,0	22	59	10,61	91,35	117,56
14	46,4	27	55	6,05	91,09	117,25
15	47,0	27	91	31,11	90,81	116,94
16	48,6	29	71	15,82	90,56	116,60
17	37,7	25	45	5,18	90,29	116,28
18	39,4	23	66	18,78	89,80	115,89
19	64,2	22	29	24,88	89,53	115,59
20	70,3	23	86	11,10	89,43	115,32
21	62,5	22	65	1,77	89,14	115,09
22	65,2	19	82	11,87	88,86	114,84
23	42,7	20	57	10,11	88,63	114,53
24	36,1	27	30	4,32	88,50	114,21
25	55,6	24	40	11,02	88,32	113,91
26	64,1	20	42	15,59	88,16	113,66
27	78,3	23	93	10,42	87,66	113,47
28	83,3	24	90	4,77	87,12	113,23
29	80,6	27	96	10,92	86,67	113,04
30	78,4	29	84	3,93	85,99	112,86
31	74,9	23	70	3,47	85,36	112,73
Totals/ Avrgs	75,12	25,0	78,13	11,12	90,35	116,61