

Monthly Final Report

MFR

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CV-Helios Network

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Solar Cycle 23: Month no. 91

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Memno.	Name	Country	CV	Obs	K	Obs. Tot.
CV-001	MALDE, KJELL INGE	NORWAY	50,4	14	0,875	4705
CV-010	DUBOIS, FRANKY	BELGIUM	51,5	16	0,895	4069
CV-014	GÖTZ, MARTIN	DENMARK	120,0	4	2,086	1214
CV-019	JUNKER, ELMAR	GERMANY	47,6	5	0,827	1488
CV-020	HOLL, MANFRED	GERMANY	34,3	3	0,597	2175
CV-021	BARNES, HOWARD	NEW ZEALAND	79,6	11	1,384	2314
CV-022	VIERTEL, ANDREAS	GERMANY	49,4	5	0,859	2580
CV-023	BRETSCHNEIDER, HARTMUT	GERMANY	44,5	6	0,774	1887
CV-034	VVS BELGIUM,	BELGIUM	56,6	21	0,983	1548
CV-036	BROMME, HEIKO	GERMANY	31,3	4	0,543	531
CV-038	MORALES, GERMAN	BOLIVIA	55,7	26	0,969	1889
CV-040	BATTAIOLA, ROBERTO	ITALY	48,5	2	0,843	859
CV-041	ROTHERMEL, JENS	GERMANY	84,0	2	1,460	840
CV-043	JOHNSON, ROBERT A.	UNITED STATES	70,5	17	1,226	586
CV-044	SCHRÖDER, GERD	GERMANY	47,3	11	0,822	1069
CV-047	CARLSON, JIM	UNITED STATES	69,8	4	1,212	1154
CV-055	ASTRO UNISON, MEXICO	MEXICO	57,6	14	1,001	930
CV-059	PAWLUTSCHENKO, BEN	AUSTRALIA	74,1	10	1,288	306
CV-068	THIMM, SVEN OVE	DENMARK	25,4	5	0,442	1073
CV-071	HICKMANN, RICO	GERMANY	58,5	2	1,017	747
CV-076	LOADER, PAULINE	NEW ZEALAND	69,7	3	1,211	436
CV-077	JOHNSTON, ANDREW	UNITED KINGDOM	18,8	4	0,326	373
CV-082	URBANSKI, PIOTR	POLAND	67,7	10	1,177	1018
CV-086	TOS-POLAND	POLAND	59,8	31	1,040	1544
CV-089	SZATKOWSKI, KRZYSIEK	POLAND	71,6	12	1,244	628
CV-091	DALEK, GRZEGORZ	POLAND	54,9	11	0,955	773
CV-095	ANDRESEN, BIRGER	NORWAY	34,0	1	0,591	450
CV-102	MOSER, PAULO ROBERTO	BRAZIL	83,5	13	1,452	385
CV-103	STEEN, OCTAAF	BELGIUM	56,1	18	0,974	722
CV-104	MEEUS, LIEVE	BELGIUM	39,4	5	0,685	482
CV-105	RYBACK, ALEXEY	RUSSIA	12,2	6	0,211	548
CV-107	LEVENTHAL, MONTY	AUSTRALIA	69,1	21	1,202	707
CV-122	FEIK, VLASTISLAV	CZECH REPUBLIC	54,7	10	0,951	378
CV-128	NELIBA, VLASTIMIL	CZECH REPUBLIC	74,5	16	1,295	490
CV-135	ARAUJO, GEMA	SPAIN	79,0	16	1,373	657
CV-136	GARCÍA, FAUSTINO	SPAIN	50,8	17	0,882	270
CV-139	ALONSO, JAVIER	SPAIN	53,6	7	0,931	158
CV-146	GONZÁLEZ COROAS, ANGEL ALBERTO	CUBA	51,8	31	0,900	245
CV-149	JOSHI, BHARGAV	INDIA	12,9	26	0,224	26
CV-207	ONDREJOV OBSERVATORY (AI CAS)	CZECH REPUBLIC	85,4	16	1,484	287
Totals	Observers 40	Days 31	CV 56,39	No 456	K 0,980	

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Results

Date	CV	Obsrvrs	USAF	std.dev.	CV-6 rot.	CV-13 rot.
1	59,0	12	67	5,66	80,08	85,49
2	81,4	16	97	11,00	79,65	85,26
3	85,8	19	82	2,68	79,26	85,15
4	78,3	14	85	4,75	79,05	84,97
5	67,5	12	91	16,62	79,13	84,86
6	66,2	15	76	6,93	79,32	84,75
7	82,1	16	77	3,62	79,59	84,71
8	85,8	11	78	5,53	79,62	84,72
9	82,3	12	94	8,25	79,67	84,70
10	85,2	14	111	18,23	79,77	84,71
11	76,4	14	111	24,45	79,85	84,66
12	84,2	11	142	40,88	79,91	84,62
13	67,5	8	71	2,47	79,76	84,47
14	48,1	14	30	12,78	79,34	84,28
15	57,0	11	90	23,33	78,93	84,16
16	60,6	12	64	2,42	78,54	84,05
17	60,3	19	74	9,68	78,16	83,93
18	51,3	16	55	2,65	77,72	83,78
19	71,4	16	57	10,16	77,39	83,71
20	88,6	16	83	3,98	77,13	83,73
21	91,5	19	92	0,33	76,91	83,85
22	80,7	14	90	6,57	76,75	83,93
23	57,4	20	52	3,78	76,47	83,91
24	36,4	17	32	3,12	76,09	83,84
25	13,0	13	33	14,14	75,72	83,72
26	0,3	8	4	2,65	75,30	83,50
27	1,0	13	0	0,71	74,88	83,23
28	1,5	17	0	1,08	74,42	82,95
29	13,6	23	35	15,13	74,10	82,71
30	20,9	17	47	18,43	73,87	82,50
31	38,2	17	70	22,46	73,81	82,41
Totals/ Avrgs	57,53	14,7	67,42	9,82	77,75	84,11