

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

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CV-Helios Network

Monthly Final Report for December 2014

Solar Cycle 24: Month no. 74

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Memno.	Name	Country	CV	Obs	K	Obs. Tot.
CV-001	MALDE, KJELL INGE	NORWAY	113,7	11	1,011	7251
CV-010	DUBOIS, FRANKY	BELGIUM	91,2	14	0,811	7127
CV-019	JUNKER, ELMAR	GERMANY	156,7	3	1,393	2907
CV-020	HOLL, MANFRED	GERMANY	83,1	10	0,739	4288
CV-021	BARNES, HOWARD	NEW ZEALAND	135,5	6	1,204	3652
CV-022	VIERTEL, ANDREAS	GERMANY	49,0	2	0,436	4696
CV-023	BRETSCHNEIDER, HARTMUT	GERMANY	153,0	1	1,360	3938
CV-034	VVS BELGIUM,	BELGIUM	103,3	19	0,918	5155
CV-038	MORALES, GERMAN	BOLIVIA	118,8	25	1,056	5458
CV-040	BATTAIOLA, ROBERTO	ITALY	62,0	1	0,551	1613
CV-044	SCHRÖDER, GERD	GERMANY	122,9	9	1,092	3232
CV-068	THIMM, SVEN OVE	DENMARK	71,6	9	0,636	3021
CV-077	JOHNSTON, ANDREW	UNITED KINGDOM	93,1	16	0,827	1974
CV-080	JANSSENS, JAN	BELGIUM	84,0	5	0,747	745
CV-082	URBANSKI, PIOTR	POLAND	105,7	6	0,939	3501
CV-086	TOS-POLAND	POLAND	117,3	31	1,043	5531
CV-091	DALEK, GRZEGORZ	POLAND	95,7	9	0,850	2990
CV-103	STEEN, OCTAAF	BELGIUM	105,9	16	0,942	3661
CV-104	MEEUS, LIEVE	BELGIUM	108,7	3	0,966	1975
CV-105	RYBACK, ALEXEY	RUSSIA	104,3	4	0,927	2349
CV-107	LEVENTHAL, MONTY	AUSTRALIA	117,3	21	1,043	3183
CV-135	ARAUJO, GEMA	SPAIN	115,7	29	1,028	4378
CV-136	GARCÍA, FAUSTINO	SPAIN	96,5	10	0,858	2372
CV-139	ALONSO, JAVIER	SPAIN	157,7	18	1,401	2166
CV-153	JASKULSKA, KRYSZYNA	POLAND	109,9	8	0,977	1302
CV-171	MALUF, WALTER JOSE	BRAZIL	160,1	13	1,423	1220
CV-181	DERDZIKOWSKI, ADAM	POLAND	97,0	3	0,862	512
CV-207	ONDREJOV OBSERVATORY (AI CAS)	CZECH REPUBLIC	106,0	2	0,942	2336
Totals	Observers	Days	CV	No	K	
	28	31	108,41	304	0,964	

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Results

Date	CV	Obsrvrs	USAF	std.dev.	CV-6 rot.	CV-13 rot.
1	161,0	6	122	27,58	86,80	96,48
2	131,5	8	127	3,18	87,29	96,48
3	108,4	5	114	3,96	87,66	96,40
4	94,5	6	109	10,25	88,04	96,30
5	77,0	4	73	2,83	88,33	96,19
6	64,7	11	68	2,33	88,50	96,11
7	77,9	7	82	2,93	88,74	96,00
8	85,2	10	104	13,31	89,07	95,93
9	66,2	13	55	7,94	89,28	95,80
10	89,3	10	66	16,48	89,34	95,71
11	125,5	9	148	15,91	89,41	95,75
12	149,0	8	124	17,68	89,52	95,87
13	121,1	8	109	8,57	89,28	95,94
14	131,5	11	162	21,53	88,88	96,06
15	165,3	12	152	9,40	88,66	96,36
16	178,6	10	160	13,14	88,54	96,68
17	207,4	5	191	11,60	88,63	97,06
18	156,4	7	156	0,30	88,39	97,29
19	148,2	12	162	9,75	87,98	97,48
20	156,1	12	154	1,49	87,81	97,70
21	160,6	16	175	10,21	87,73	97,90
22	137,6	9	151	9,51	87,64	97,95
23	138,4	11	157	13,18	87,68	97,93
24	83,0	7	89	4,24	87,69	97,78
25	69,4	13	68	0,98	87,85	97,68
26	67,3	11	68	0,51	88,22	97,52
27	88,3	6	95	4,71	88,75	97,41
28	72,5	15	90	12,35	89,18	97,32
29	80,4	15	66	10,18	89,62	97,22
30	78,0	13	87	6,36	90,02	97,12
31	87,3	14	93	4,04	90,45	97,01
Totals/ Avrgs	112,50	9,8	115,39	8,92	88,55	96,79

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