

Monthly Preliminary Report MPR



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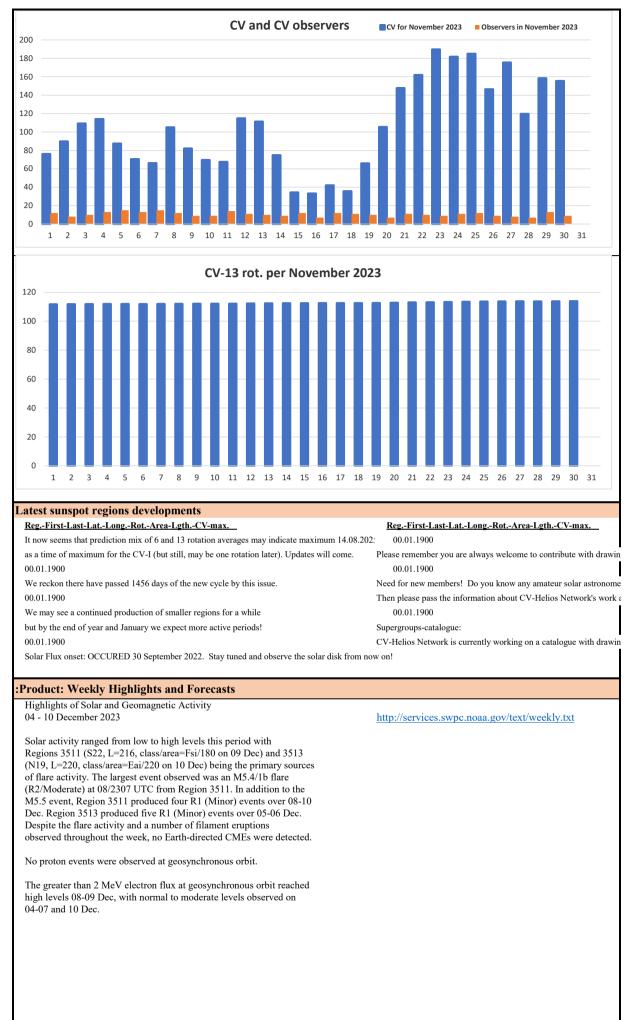
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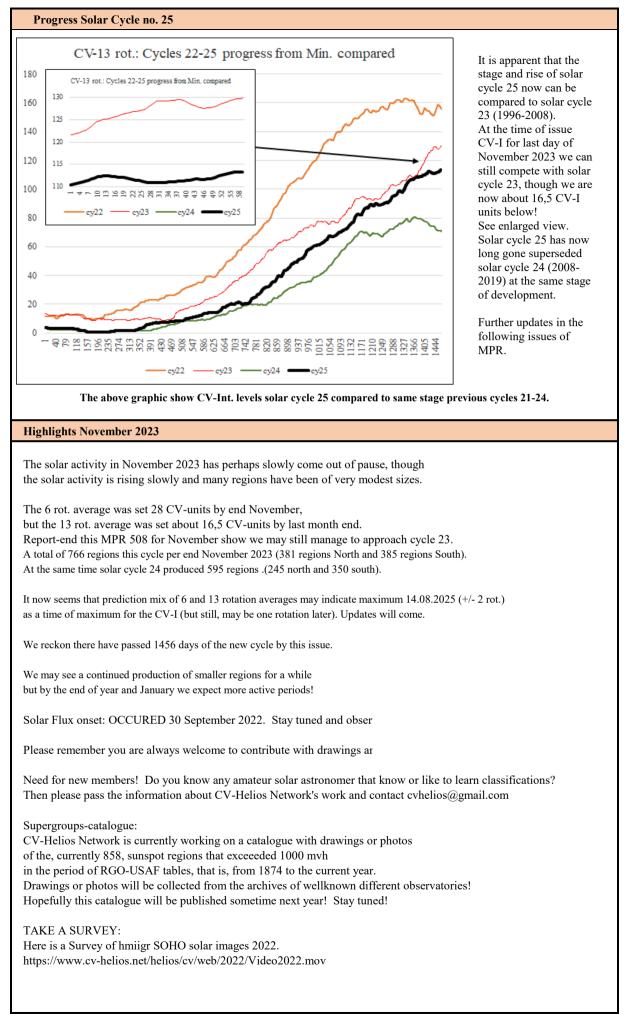
	Volume 43 Number 11	MPR no. 508 No	vember 2023	ISSN 2	535-3780	
		<b>CV-Helios Netw</b>	ork			
	Monthly	Preliminary Report for	November 202	3		
		Solar Cycle 25: Month				
Memno.	Name	ort id.: cv2311 - CV-repo Country	Ort no.: 508 CV	Obs	K	Obs. Tot
CV-001	KJELL INGE MALDE	NORWAY	125,2	17	1,077	9325
CV-010	FRANKY DUBOIS	BELGIUM	78,5	14	0,794	9715
CV-019	ELMAR JUNKER	GERMANY	124,3	3	1,297	3857
CV-023	HARTMUT BRETSCHNEIDE		63,4	9	0,793	5943
CV-023	ROBERTO BATTAIOLA	ITALY	126,7	6	0,982	2147
CV-068	SVEN OVE THIMM	DENMARK	74,4	7	0,590	4306
CV-000 CV-077	ANDREW JOHNSTON	UNITED KINGDOM	90,9	8	0,370	3697
CV-080	JAN JANSSENS	BELGIUM	105,0	1	0,663	1228
CV-080	PIOTR URBANSKI	POLAND		12	0,003	5568
CV-082			103,8	29	,	8752
	TOS POLAND	POLAND	108,6		1,041	
CV-091	GRZEGORZ DALEK	POLAND	114,4	14	1,031	4788
CV-102	PAULO ROBERTO MOSER	BRAZIL	78,8	24	0,865	3126
CV-105	ALEXEY RYBACK	RUSSIA	114,4	5	1,034	3503
CV-122	VLASTISLAV FEIK	CZECH REPUBLIC	123,7	6	0,978	3203
CV-135	GEMA ARAUJO	SPAIN	120,3	28	1,200	7558
CV-136	FAUSTINO GARCIA	SPAIN	87,6	7	0,899	4003
CV-139	JAVIER ALONSO	SPAIN	108,0	24	1,016	4166
CV-151	JEFFREY CARELS	BELGIUM	76,1	9	0,908	3275
CV-171	WALTER JOSE MALUF	BRAZIL	173,9	17	1,807	3047
CV-181	ADAM DERDZIKOWSKI	POLAND	103,0	3	0,929	1206
CV-204	STEFAN MEISTER	SWITZERLAND	96,0	3	0,862	828
CV-207	ONDREJOV OBS. (AI CAS)	CZECH REPUBLIC	113,8	13	1,096	3839
CV-208	JOHAN NEYS	BELGIUM	122,5	2	0,927	777
CV-214	IGOR GRAGEDA MENDEZ	BOLIVIA	96,0	27	0,874	1344
CV-215	ARNAUD MENGUS	FRANCE	125,6	5	0,938	366
CV-219	KANDILLI OBSERVATORY		81,7	19	0,859	1006
CV-220	MICHEL FRANGEUL	FRANCE	93.7	6	0,816	185
CV-222	MILENA NIEMCZYK	POLAND	35,0	3	0,810	86
J <b>V -</b> 222		TOLAND	55,0	5	0,400	00
	+					<b> </b>
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Totals	Observers	Days	CV	No	K	
	28	30	102,33	321	0,945	

## **CV-Helios Network**

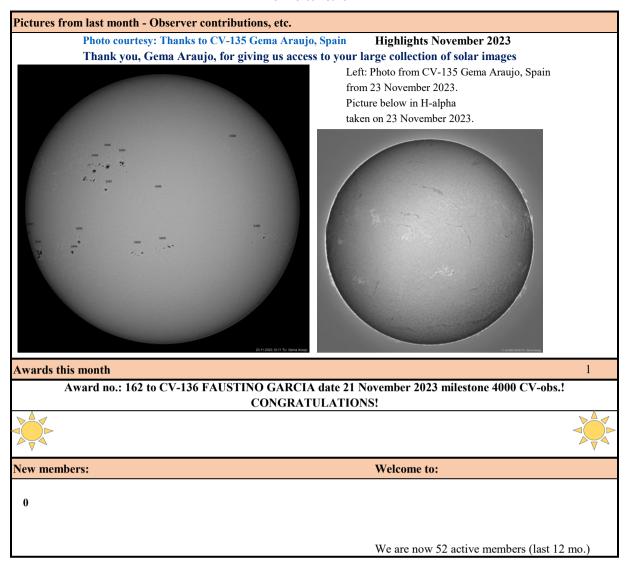
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		Results				
Date	CV	Obsrvrs	Regions 6 rot.	CV-USAF 6-rot.	CV-6 rot.	CV-13 rot.
1	76,08	12	7,60	110,71	117,41	111,64
2	89,67	8	7,62	110,91	117,37	111,75
3	109,10	10	7,62	111,15	117,45	111,84
4	113,92	13	7,63	111,07	117,44	111,87
5	87,33	15	7,63	110,67	117,14	111,87
6	70,38	13	7,61	110,19	116,73	111,84
7	66,13	15	7,60	109,65	116,26	111,86
8	105,00	12	7,59	109,01	116,08	111,97
9	82,00	9	7,57	108,62	115,65	112,06
10	69,56	9	7,54	108,01	115,29	112,10
11	67,36	14	7,51	106,96	114,73	112,10
12	114,82	11	7,48	106,70	114,28	112,21
13	111,30	10	7,46	106,71	113,89	112,34
14	74,67	9	7,45	106,52	113,55	112,36
15	34,25	12	7,43	105,81	112,96	112,40
16	33,14	7	7,39	105,24	112,67	112,49
17	41,92	12	7,35	104,50	112,14	112,48
18	35,64	11	7,31	103,96	111,43	112,49
19	65,80	10	7,27	103,44	111,02	112,54
20	105,43	7	7,27	103,50	110,83	112,70
21	147,64	11	7,29	103,84	111,05	112,95
22	161,90	10	7,30	104,32	111,42	113,09
23	189,67	9	7,33	105,24	111,94	113,25
24	181,73	11	7,37	106,23	112,56	113,41
25	184,92	12	7,40	106,55	113,01	113,58
26	146,30	9	7,41	106,82	113,24	113,61
27	175,38	8	7,44	107,15	113,50	113,70
28	119,57	7	7,46	107,32	113,50	113,66
29	158,31	13	7,49	107,51	113,64	113,76
30	155,33	9	7,48	107,51	113,53	113,78
Totals/ Avrgs	3,96	27,3	0,97	4,83	114,06	112,59



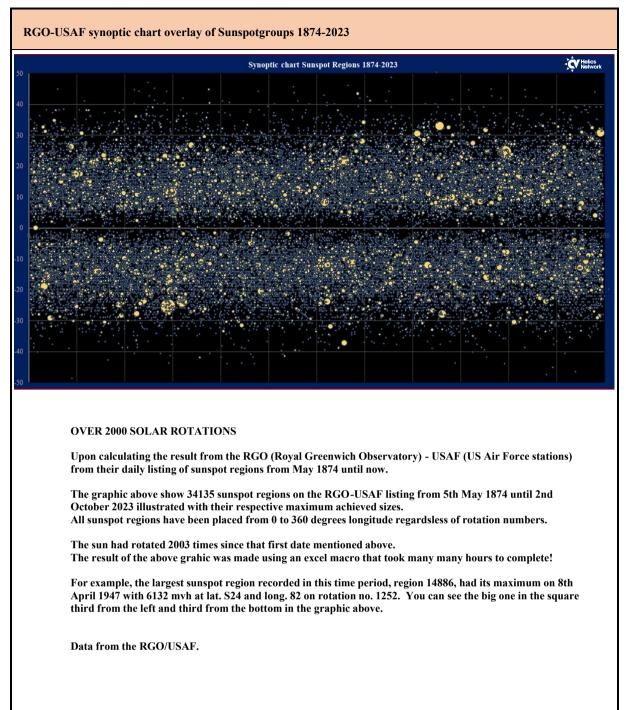


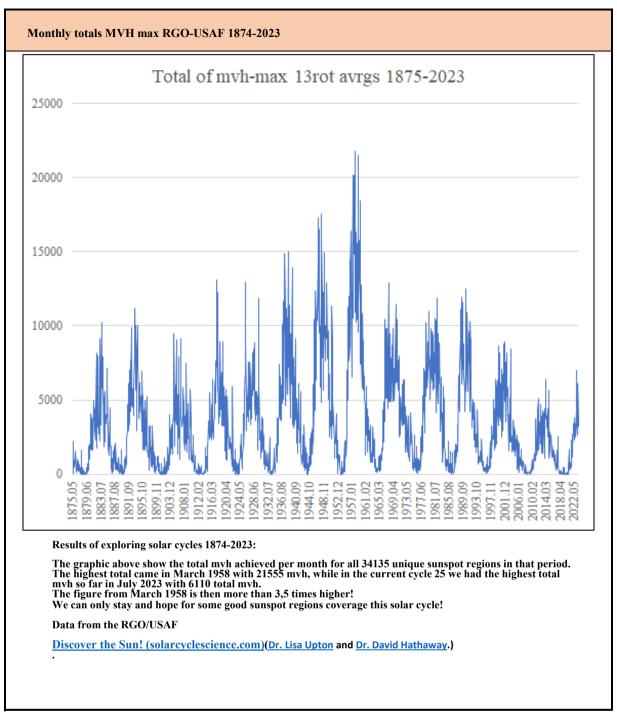


**CV-Helios Network** 



## **CV-Helios Network**





Solar Coordinates						
Daily list of Solar Ephemeris available at:						
Daily list of Solar Ephemeris and SDO on grid						
Here you can see Today's Po, Bo, Lo, Rotation no., RA and Dec. and adjusted SOHO-picture on grid.						
Calculating CV	· · · · ·					
For your convenience and security, use the mif2021, NEW	V form (beta) for classifications released!					
https://www.cv-helios.net/mif2021.xlsx						
the Monthly Input Form, which you can use for all of your next reportings!						
Monitor MPR daily progress						
CV-Helios Network: Monitor MPR progress as entries are made!						
Monitor your submissions as they are registered:						
https://cv-helios.net/helios/cv/web/mprpost.html						
The data are available fresh from about 10:00 UTC until local midnight.						
Content comprises CV-Report for latest month, CV-Report for latest month						
individual results, Extracts from NOAA on forecasts/discussion,						
Extracts from NOAA warehouse on SRS and other activity,						
Last 24 months CV-data, This month CV acc. to USAF						
Registration data						
Check if your CV-observations have been registered (please allow up to 24 hrs	5):					
https://www.cv-helios.net/helios/cv/web/datlist.htm	checking of Entries Summary					
https://www.cv-helios.net/helios/cv/web/cvobsmonth.htm	enceking of Entries Summary					
CONTRIBUTE WITH YOUR PHOTOS AND OTHER OF INTEREST!						
We would like YOU to contribute with drawings or photos from last month						
Also any other contribution that may have an interest for our observers.						
Please send by email to:						
cvhelios@gmail.com						
Please check out www.cv-helios.net/cvrep2.html for updates of files!						
SUBMISSIONS OF CV-OBSERVATIONS						
Log on to:						
https://www.cv-helios.net/observations/index.html	Classification Help					
login solaris						
password cvheliosobs	Monthly Input Form as excel					
Submission before 15th of proceeding month 18:00 UTC.	(password: cvhelios)					
MPR issue 15th of proceeding month 2000 UTC. Good luck CV-observing!						
Average received to registered time: 0 day 23 hours 23 minutes						
and average macrotime used for one registration	is 38,70 seconds					
CV-Helios Network						
- over 42 years in solar amateur astronomy	a sorvino!					
- over 42 years in solar amateur astronomy						
There are now 13128 registrations made, containing 2117						
Last 12 months 5613 CV-observations from 40 observers orig	ginating from 17 countries					
Editorial close: 15.12.2023 13:45 UT						
Merry Christmas	Happy New Year					
CV-Helios Network						