



Month: August 25

#### NEWS FROM THE SOLAR SECTION

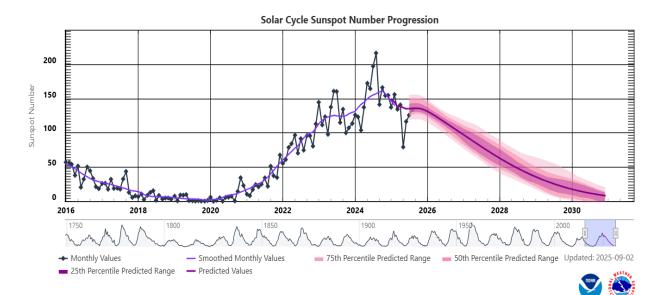






### **August 2025 Solar News**

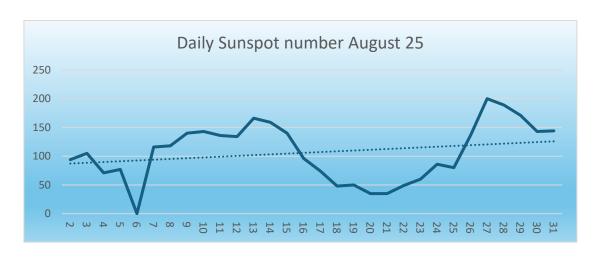
Solar Cycle 25 has already surpassed early predictions, showing a robust maximum in 2024. Current trends and historical patterns indicate a strong chance of a second peak of solar activity in late 2025–2026, before the gradual decline toward minimum begins. This means space weather conditions — sunspots, flares, and geomagnetic storms — will likely remain active and impactful for at least another year.



## **SUNSPOT OBSERVATIONS AUGUST 2025**

		acques v Delft		Jacques v Delft	acques v Delft	acques v Delft	Jacques v Delft	Jacques v Delft	lacques v Delft	lacques v Delft
2025	August	Time Ja	Seeing	Groups Ja	Spots Ja	W no.	North Groups Ja	South groups Ja	North spots Ja	South spots Ja
Fri	1	1400	G	8	23	103	3	5	12	11
Sat	2	1345	G	7	24	94	3	4	17	7
Sun	3	1015	G	8	25	105	4	4	19	6
Mon	4	930	G	5	21	71	4	1	19	2
Tue	5	1440	G	5	27	77	4	1	21	6
Wed	6					0				
Thu	7	1135	G	8	36	116	5	3	27	9
Fri	8	1315	G	8	38	118	5	3	31	7
Sat	9	955	G	11	30	140	9	2	26	4
Sun	10	1000	G	9	53	143	8	1	50	3
Mon	11	1050	G	11	26	136	9	2	21	5
Tue	12	955	G	9	44	134	5	4	35	9
Wed	13	1245	G	12	46	166	8	4	34	12
Thu	14	915	G	11	49	159	5	6	27	22
Fri	15	1030	G	11	30	140	5	6	13	17
Sat	16	1045	G	8	16	96	6	2	11	5
Sun	17	1050	G	6	14	74	4	2	8	6
Mon	18	1130	G	4	8	48	2	2	3	5
Tue	19	1100	G	4	10	50	2	2	6	4
Wed	20	1305	G	3	5	35	1	2	1	4
Thu	21	1235	G	3	5	35	1	2	1	4
Fri	22	1435	G	4	9	49	2	2	5	4
Sat	23	1130	G	5	10	60	2	3	6	4
Sun	24	1145	G	7	16	86	2	5	7	9
Mon	25	1245	G	6	20	80	3	3	9	11
Tue	26	1115	G	10	36	136	4	6	17	19
Wed	27	1025	G	12	80	200	5	7	40	40
Thu	28	1240	G	11	79	189	6	5	28	51
Fri	29	915	G	12	51	171	7	5	13	38
Sat	30	1005	G	10	43	143	4	6	8	35
Sun	31	1030	G	9	54	144	5	4	17	37

Observations Sports Spo



Monthly Means										
MDF	109,9	1 Observer								
MDF g	7,9	1 Observer								
MDF Ng	4,4	1 Observer								
MDF Sg	3,5	1 Observer								

### Observers:

Jacques van Delft ASSA Bloemfontein South Africa

When more than 1 observer is submitting sunspots, the average per day is calculated and noted.

#### **SOLAR FLARE ACTIVETY AUGUST 2024**

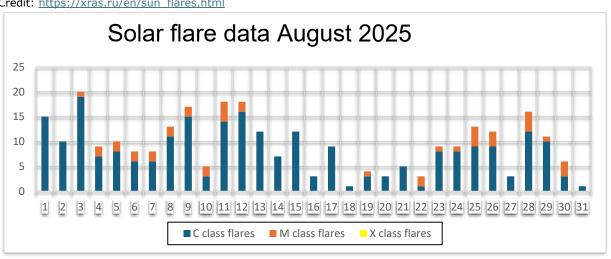
Solar flares are classified according to their x-ray brightness in the wavelength range 1 to 8 Angstrom. There are 3 categories: C class – minor, M class – medium and X class - big. Each category has 9 subdivisions.

A total of 290 solar flares were observed: 249 C-class flares and 41 M-class flares and 0 X class flare.

Solar flare data: LABORATORY OF X-RAY ASTRONOMY OF THE SUN

Pri							
Sat         2         10         0         0         5,2           Sun         3         19         1         0         6,3         4168           Mon         4         7         2         0         6,4         4168           Tue         5         8         2         0         6,5         4168           Wed         6         6         2         0         6,9         4168           Fri         8         11         2         0         6,9         4168           Sat         9         15         2         0         7         4168           Sat         9         15         2         0         7         4168           Sun         10         3         2         0         6,6         4168           Mon         11         14         4         0         7,3         4168/4173           Tue         12         16         2         0         7,2         ??           Wed         13         12         0         0         6           Fri         15         12         0         0         5           Sat	2025	August	C class	M class	X class	Sol Actindex	NOA No
Sun         3         19         1         0         6,3         4168           Mon         4         7         2         0         6,4         4168           Tue         5         8         2         0         6,5         4168           Wed         6         6         2         0         6,8         4168           Thu         7         6         2         0         6,9         4168           Fri         8         11         2         0         6,9         4168           Sat         9         15         2         0         7         4168           Sun         10         3         2         0         6,6         4168           Mon         11         14         4         0         7,3         4168/4173           Tue         12         16         2         0         7,2         ??           Wed         13         12         0         0         6           Thu         14         7         0         0         4,6           Fri         15         12         0         0         3,2           Sat	Fri	1	15	0	0	5,1	
Mon         4         7         2         0         6,4         4168           Tue         5         8         2         0         6,5         4168           Wed         6         6         2         0         6,8         4168           Thu         7         6         2         0         6,9         4168           Fri         8         11         2         0         6,9         4168           Sat         9         15         2         0         7         4168           Sun         10         3         2         0         6,6         4168           Mon         11         14         4         0         7,3         4168/4173           Tue         12         16         2         0         7,2         ??           Wed         13         12         0         0         6           Thu         14         7         0         0         4,6           Fri         15         12         0         0         5           Sat         16         3         0         0         4,5           Sun         17	Sat	2	10	0	0	5,2	
Tue         5         8         2         0         6.5         4168           Wed         6         6         2         0         6,8         4168           Thu         7         6         2         0         6,9         4168           Fri         8         11         2         0         6,9         4168           Sat         9         15         2         0         7         4168           Sun         10         3         2         0         6,6         4168           Mon         11         14         4         0         7,3         4168/4173           Tue         12         16         2         0         7,2         ??           Wed         13         12         0         0         6         7           Thu         14         7         0         0         4,6         7           Fri         15         12         0         0         5         5           Sat         16         3         0         0         4,5         5           Sat         16         3         0         0         3,6 <t< td=""><td>Sun</td><td>3</td><td>19</td><td>1</td><td>0</td><td>6,3</td><td>4168</td></t<>	Sun	3	19	1	0	6,3	4168
Wed         6         6         2         0         6,8         4168           Thu         7         6         2         0         6,9         4168           Fri         8         11         2         0         6,9         4168           Sat         9         15         2         0         7         4168           Sun         10         3         2         0         6,6         4168           Mon         11         14         4         0         7,3         4168/4173           Tue         12         16         2         0         7,2         ??           Wed         13         12         0         0         6           Thu         14         7         0         0         4,6           Fri         15         12         0         0         5           Sat         16         3         0         0         4,5           Sun         17         9         0         0         4,2           Mon         18         1         0         3,6           Wed         20         3         0         0         <	Mon	4	7	2	0	6,4	4168
Thu 7 6 2 0 6,9 4168  Fri 8 11 2 0 6,9 4168  Sat 9 15 2 0 7 4168  Sun 10 3 2 0 6,6 4168  Mon 11 14 4 0 7,3 4168/4173  Tue 12 16 2 0 7,2 ??  Wed 13 12 0 0 6  Fri 15 12 0 0 5  Sat 16 3 0 0 4,6  Fri 15 12 0 0 5  Sat 16 3 0 0 4,5  Sun 17 9 0 0 4,2  Mon 18 1 0 0 3,6  Wed 20 3 0 0 3,6  Thu 21 5 0 0 3,5  Fri 22 1 2 0 5,2 4191/??  Sat 23 8 1 0 6,1 ??  Sun 24 8 1 0 6,1  Mon 25 9 4 0 7,3 4197/4199  Tue 26 9 3 0 7,3 4197/4203  Fri 29 10 1 0 6,8 4203  Sat 30 3 3 0 6,3 4197/4202  Sun 31 1 0 6,8 4203	Tue	5	8	2	0	6,5	4168
Fri         8         11         2         0         6,9         4168           Sat         9         15         2         0         7         4168           Sun         10         3         2         0         6,6         4168           Mon         11         14         4         0         7,3         4168/4173           Tue         12         16         2         0         7,2         ??           Wed         13         12         0         0         6         6           Thu         14         7         0         0         4,6         7         7           Fri         15         12         0         0         5         5         5         5         1	Wed	6	6	2	0	6,8	4168
Sat         9         15         2         0         7         4168           Sun         10         3         2         0         6,6         4168           Mon         11         14         4         0         7,3         4168/4173           Tue         12         16         2         0         7,2         ??           Wed         13         12         0         0         6           Thu         14         7         0         0         4,6           Fri         15         12         0         0         5           Sat         16         3         0         0         4,5           Sun         17         9         0         0         4,2           Mon         18         1         0         0         3,2           Tue         19         3         1         0         3,6           Wed         20         3         0         0         3,5           Fri         22         1         2         0         5,2         4191/??           Sat         23         8         1         0         6,1	Thu	7	6	2	0	6,9	4168
Sun         10         3         2         0         6,6         4168           Mon         11         14         4         0         7,3         4168/4173           Tue         12         16         2         0         7,2         ??           Wed         13         12         0         0         6           Thu         14         7         0         0         4,6           Fri         15         12         0         0         5           Sat         16         3         0         0         4,5           Sun         17         9         0         0         4,2           Mon         18         1         0         0         3,2           Tue         19         3         1         0         3,6           Wed         20         3         0         0         3,6           Fri         22         1         2         0         5,2         4191/??           Sat         23         8         1         0         6,1         ??           Sun         24         8         1         0         6,1	Fri	8	11	2	0	6,9	4168
Mon         11         14         4         0         7,3         4168/4173           Tue         12         16         2         0         7,2         ??           Wed         13         12         0         0         6           Thu         14         7         0         0         4,6           Fri         15         12         0         0         5           Sat         16         3         0         0         4,5           Sun         17         9         0         0         4,2           Mon         18         1         0         0         3,2           Tue         19         3         1         0         3,6           Wed         20         3         0         0         3,6           Thu         21         5         0         0         3,5           Fri         22         1         2         0         5,2         4191/??           Sat         23         8         1         0         6,1         ??           Sun         24         8         1         0         6,1	Sat	9	15	2	0	7	4168
Tue         12         16         2         0         7,2         ??           Wed         13         12         0         0         6           Thu         14         7         0         0         4,6           Fri         15         12         0         0         5           Sat         16         3         0         0         4,5           Sun         17         9         0         0         4,2           Mon         18         1         0         0         3,2           Tue         19         3         1         0         3,6           Wed         20         3         0         0         3,5           Fri         22         1         2         0         5,2         4191/??           Sat         23         8         1         0         6,1         ??           Sun         24         8         1         0         6,1         ??           Sun         24         8         1         0         6,1            Mon         25         9         4         0         7         4197/41	Sun	10	3	2	0	6,6	4168
Wed         13         12         0         0         6           Thu         14         7         0         0         4,6           Fri         15         12         0         0         5           Sat         16         3         0         0         4,5           Sun         17         9         0         0         4,2           Mon         18         1         0         0         3,2           Tue         19         3         1         0         3,6           Wed         20         3         0         0         3,6           Thu         21         5         0         0         3,5           Fri         22         1         2         0         5,2         4191/??           Sat         23         8         1         0         6,1         ??           Sun         24         8         1         0         6,1         ??           Mon         25         9         4         0         7         4197/4199           Tue         26         9         3         0         5,9           Thu	Mon	11	14	4	0	7,3	4168/4173
Thu 14 7 0 0 4,6  Fri 15 12 0 0 5  Sat 16 3 0 0 4,5  Sun 17 9 0 0 4,2  Mon 18 1 0 0 3,2  Tue 19 3 1 0 3,6  Wed 20 3 0 0 3,6  Thu 21 5 0 0 3,5  Fri 22 1 2 0 5,2  Sat 23 8 1 0 6,1  Sun 24 8 1 0 6,1  Mon 25 9 4 0 7 4197/4199  Tue 26 9 3 0 7,3  Thu 28 12 4 0 6,7  Fri 29 10 1 0 6,8  Sat 30 3 3 0 6,3  Sun 31 1 0 6,8  At 197/4202  Sun 31 1 0 6,8  At 203  Sat 30 3 3 0 6,3  At 197/4202	Tue	12	16	2	0	7,2	??
Fri 15 12 0 0 5 5	Wed	13	12	0	0	6	
Sat         16         3         0         0         4,5           Sun         17         9         0         0         4,2           Mon         18         1         0         0         3,2           Tue         19         3         1         0         3,6           Wed         20         3         0         0         3,6           Thu         21         5         0         0         3,5           Fri         22         1         2         0         5,2         4191/??           Sat         23         8         1         0         6,1         ??           Sun         24         8         1         0         6,1         ??           Sun         24         8         1         0         6,1         ??           Mon         25         9         4         0         7         4197/4199           Tue         26         9         3         0         7,3         4197/4202           Wed         27         3         0         0         5,9           Thu         28         12         4         0	Thu	14	7	0	0	4,6	
Sun         17         9         0         0         4,2           Mon         18         1         0         0         3,2           Tue         19         3         1         0         3,6           Wed         20         3         0         0         3,6           Thu         21         5         0         0         3,5           Fri         22         1         2         0         5,2         4191/?           Sat         23         8         1         0         6,1         ??           Sun         24         8         1         0         6,1            Mon         25         9         4         0         7         4197/4199           Tue         26         9         3         0         7,3         4197/4199/4202           Wed         27         3         0         0         5,9           Thu         28         12         4         0         6,7         4197/4203           Fri         29         10         1         0         6,8         4203           Sat         30         3	Fri	15	12	0	0	5	
Mon         18         1         0         0         3,2           Tue         19         3         1         0         3,6           Wed         20         3         0         0         3,6           Thu         21         5         0         0         3,5           Fri         22         1         2         0         5,2         4191/??           Sat         23         8         1         0         6,1         ??           Sun         24         8         1         0         6,1            Mon         25         9         4         0         7         4197/4199           Tue         26         9         3         0         7,3         4197/4199/4202           Wed         27         3         0         0         5,9           Thu         28         12         4         0         6,7         4197/4203           Fri         29         10         1         0         6,8         4203           Sat         30         3         3         0         6,3         4197/4202           Sun         31	Sat	16	3	0	0	4,5	
Tue         19         3         1         0         3,6           Wed         20         3         0         0         3,6           Thu         21         5         0         0         3,5           Fri         22         1         2         0         5,2         4191/??           Sat         23         8         1         0         6,1         ??           Sun         24         8         1         0         6,1            Mon         25         9         4         0         7         4197/4199           Tue         26         9         3         0         7,3         4197/4199/4202           Wed         27         3         0         0         5,9           Thu         28         12         4         0         6,7         4197/4203           Fri         29         10         1         0         6,8         4203           Sat         30         3         3         0         6,3         4197/4202           Sun         31         1         0         0         5,5	Sun	17	9	0	0	4,2	
Wed         20         3         0         0         3,6           Thu         21         5         0         0         3,5           Fri         22         1         2         0         5,2         4191/??           Sat         23         8         1         0         6,1         ??           Sun         24         8         1         0         6,1           Mon         25         9         4         0         7         4197/4199           Tue         26         9         3         0         7,3         4197/4199/4202           Wed         27         3         0         0         5,9           Thu         28         12         4         0         6,7         4197/4203           Fri         29         10         1         0         6,8         4203           Sat         30         3         3         0         6,3         4197/4202           Sun         31         1         0         0         5,5	Mon	18	1	0	0	3,2	
Thu         21         5         0         0         3,5           Fri         22         1         2         0         5,2         4191/??           Sat         23         8         1         0         6,1         ??           Sun         24         8         1         0         6,1         4197/4199           Mon         25         9         4         0         7         4197/4199           Tue         26         9         3         0         7,3         4197/4199/4202           Wed         27         3         0         0         5,9           Thu         28         12         4         0         6,7         4197/4203           Fri         29         10         1         0         6,8         4203           Sat         30         3         3         0         6,3         4197/4202           Sun         31         1         0         0         5,5         4197/4202	Tue	19	3	1	0	3,6	
Fri         22         1         2         0         5,2         4191/??           Sat         23         8         1         0         6,1         ??           Sun         24         8         1         0         6,1         4197/4199           Mon         25         9         4         0         7         4197/4199           Tue         26         9         3         0         7,3         4197/4199/4202           Wed         27         3         0         0         5,9           Thu         28         12         4         0         6,7         4197/4203           Fri         29         10         1         0         6,8         4203           Sat         30         3         3         0         6,3         4197/4202           Sun         31         1         0         0         5,5	Wed	20	3	0	0	3,6	
Sat         23         8         1         0         6,1         ??           Sun         24         8         1         0         6,1            Mon         25         9         4         0         7         4197/4199           Tue         26         9         3         0         7,3         4197/4199/4202           Wed         27         3         0         0         5,9           Thu         28         12         4         0         6,7         4197/4203           Fri         29         10         1         0         6,8         4203           Sat         30         3         3         0         6,3         4197/4202           Sun         31         1         0         0         5,5	Thu	21	5	0	0	3,5	
Sun         24         8         1         0         6,1           Mon         25         9         4         0         7         4197/4199           Tue         26         9         3         0         7,3         4197/4199/4202           Wed         27         3         0         0         5,9           Thu         28         12         4         0         6,7         4197/4203           Fri         29         10         1         0         6,8         4203           Sat         30         3         3         0         6,3         4197/4202           Sun         31         1         0         0         5,5	Fri	22	1	2	0	5,2	4191/??
Mon         25         9         4         0         7         4197/4199           Tue         26         9         3         0         7,3         4197/4199/4202           Wed         27         3         0         0         5,9           Thu         28         12         4         0         6,7         4197/4203           Fri         29         10         1         0         6,8         4203           Sat         30         3         3         0         6,3         4197/4202           Sun         31         1         0         0         5,5	Sat	23	8	1	0	6,1	??
Tue         26         9         3         0         7,3         4197/4199/4202           Wed         27         3         0         0         5,9           Thu         28         12         4         0         6,7         4197/4203           Fri         29         10         1         0         6,8         4203           Sat         30         3         3         0         6,3         4197/4202           Sun         31         1         0         0         5,5	Sun	24	8	1	0	6,1	
Wed         27         3         0         0         5,9           Thu         28         12         4         0         6,7         4197/4203           Fri         29         10         1         0         6,8         4203           Sat         30         3         3         0         6,3         4197/4202           Sun         31         1         0         0         5,5	Mon	25	9	4	0	7	4197/4199
Thu 28 12 4 0 6,7 4197/4203 Fri 29 10 1 0 6,8 4203 Sat 30 3 3 0 6,3 4197/4202 Sun 31 1 0 0 5,5	Tue	26	9	3	0	7,3	4197/4199/4202
Fri 29 10 1 0 6,8 4203 Sat 30 3 3 0 6,3 4197/4202 Sun 31 1 0 0 5,5	Wed	27	3	0	0	5,9	
Sat 30 3 3 0 6,3 4197/4202 Sun 31 1 0 0 5,5	Thu	28	12	4	0	6,7	4197/4203
Sun 31 1 0 0 5,5	Fri	29	10	1	0	6,8	4203
	Sat	30	3	3	0	6,3	4197/4202
Totals 249 41 0	Sun	31	1	0	0	5,5	
		Totals	249	41	0		

Credit: <a href="https://xras.ru/en/sun\_flares.html">https://xras.ru/en/sun\_flares.html</a>



#### Geomagnetic data

#### **K INDEX**

Scientists monitor geomagnetic activity using various instruments, including magnetometers and satellites, to better understand the processes involved and predict potential impacts on technological systems such as power grids, communication networks, and navigation systems as well as changes in our climate. Severe geomagnetic storms have the potential to disrupt these systems, making the study of geomagnetic activity crucial for both scientific understanding and practical applications.

Increased geo-magnetic activities are caused by Coronal Mass Ejections (CME's) triggered by solar activities such as solar flares, filament eruptions and Coronal openings.

The K-index scale has a range from 0 to 9 and is directly related to the maximum amount of fluctuation (relative to a quiet day) in the geomagnetic field over a three-hour interval.

2025	August	Ohrs to O3hrs	03hrs to O6hrs	06hrs to 09hrs	09hrs to 12hrs	12hrsto 15hrs	15hrs to 18hrs	18hrsto 21hrs	21hrsto 24hrs	AIndex
Fri	1	2,67	2,67	2,67	2,67	3,33	1,67	2,67	3,33	13
Sat	2	3,00	2,00	1,67	1,33	1,33	2,33	2,67	2,67	9
Sun	3	2,00	1,67	1,33	1,67	1,33	2,67	1,67	2,00	9
Mon	4	1,00	1,67	2,67	2,00	2,33	2,33	2,00	2,33	8
Tue	5	3,00	2,67	1,00	1,33	2,33	2,33	3,00	2,33	10
Wed	6	2,00	1,67	1,33	1,33	1,67	2,00	1,33	2,33	6
Thu	7	1,33	1,33	1,33	1,33	1,00	0,33	0,33	1,33	4
Fri	8	1,00	1,33	1,67	3,33	4,67	4,33	5,00	4,00	22
Sat	9	5,33	5,00	5,00	4,67	5,33	6,00	4,33	3,00	47
Sun	10	3,67	2,00	4,33	4,33	3,67	3,33	4,00	3,00	22
Mon	11	4,33	2,33	3,33	3,00	3,33	3,67	2,67	2,67	17
Tue	12	3,67	3,00	2,00	2,67	3,00	2,33	2,67	3,33	14
Wed	13	2,67	3,00	2,67	3,00	3,00	2,67	3,00	3,67	15
Thu	14	3,33	2,33	3,00	3,00	2,33	1,67	1,67	2,00	11
Fri	15	2,67	2,33	2,33	2,00	1,33	1,33	2,00	1,33	7
Sat	16	1,33	2,00	1,33	2,00	1,33	2,00	1,00	1,67	6
Sun	17	1,33	1,33	2,00	1,67	2,00	1,00	0,33	0,33	5
Mon	18	0,33	0,67	1,33	2,33	2,33	2,67	1,33	2,33	7
Tue	19	3,00	2,00	2,00	2,67	4,00	3,67	4,67	3,67	19
Wed	20	4,00	3,00	3,00	2,67	1,67	1,67	2,00	3,33	13
Thu	21	2,67	2,00	1,00	1,00	1,33	1,33	2,33	2,00	7
Fri	22	3,00	2,00	1,33	1,00	2,00	1,67	2,33	2,67	8
Sat	23	2,67	2,33	1,67	1,67	1,67	0,67	1,00	2,00	7
Sun	24	2,00	1,67	1,33	1,00	1,33	1,33	2,00	1,67	6
Mon	25	1,00	1,33	1,33	1,33	3,33	2,67	1,67	1,67	8
Tue	26	1,67	3,00	2,33	2,67	1,67	1,00	1,33	1,67	8
Wed	27	1,33	1,33	1,00	2,67	3,00	1,67	2,00	2,33	8
Thu	28	2,00	1,67	2,67	2,00	2,00	1,33	2,00	2,00	7
Fri	29	2,33	2,00	1,33	1,33	1,33	1,67	2,00	1,67	6
Sat	30	2,00	1,33	2,00	2,00	1,67	2,33	1,67	2,00	7
Sun	31	2,33	2,00	1,33	2,67	2,00	2,00	2,00	1,67	8

Geomagnetic Storm Index

G1 G2 G3 G4 G5

Credit: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

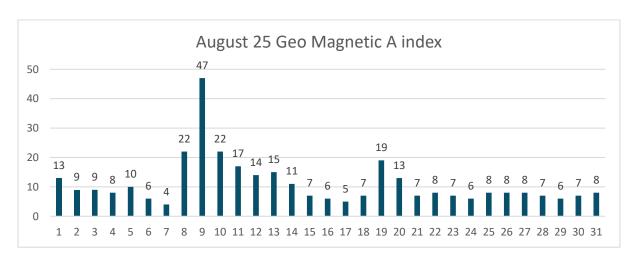
**A INDEX** 

The solar A Index is a numerical scale that represents the geomagnetic activity in the Earth's ionosphere caused by solar flares and other solar phenomena. It measures the overall geomagnetic disturbance level on a scale from 0 to 400. The index is derived from the observed planetary A index, which quantifies the magnetic activity over a 24-hour period.

Here's a breakdown of the solar A Index scale:

- · 0 to 7: Quiet geomagnetic conditions.
- · 08 to 15: Unsettled geomagnetic conditions.
- · 16 to 29: Active geomagnetic conditions.
- · 30 to 49: Minor storm levels.
- · 50 to 99: Major storm levels.
- 100 and above: Severe storm levels.

A higher A Index generally indicates more disturbed geomagnetic conditions. This index is valuable for radio operators, especially those involved in high-frequency (HF) radio communication, as it helps predict the likelihood of signal disruptions due to solar activity. The solar A Index is typically updated regularly and is an important tool for space weather monitoring and forecasting.



August 2025 was dominated by a major geomagnetic storm on 9 August (A = 47), with a short but intense disturbance phase from 8–10 August. A secondary peak occurred on 20 August, but the remainder of the month remained quiet. This suggests Earth was impacted by at least one significant CME during August, while overall space weather settled into a relatively calm pattern toward the month's end.

# **H Alpha Observations**

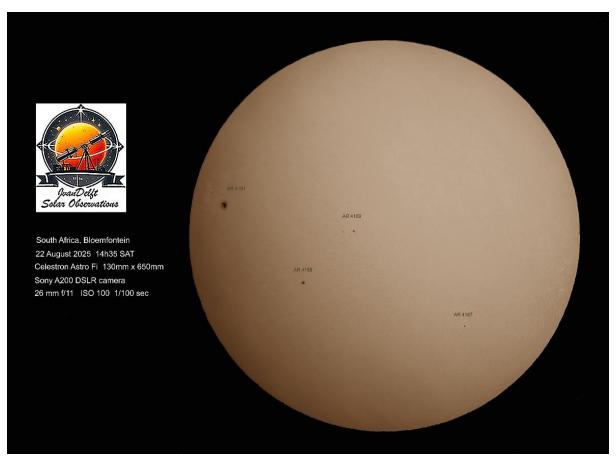
Two observers shared his H-Alpha data for August 2025. Andrew Devey from BAA & MSAS living in Spain and Mick Nicholls from BAA & MSAS living in the UK.

Aug-25	Prominance Active Andrew Devey	MickNichols	Prominance Quit Andrew Devey	Mick Nicholls	Prominance Total Andrew Devey	Mick Nicholls	Plage Areas Andrew Devey	Mick Nicholls	Filaments Andrew Devey	Mick Nicholls	Hares Andrew Devey	Mick Nicholls
1	-		-		_		1		1		_	
1 2 3	2	0	2	5	4	5	3	4	8	7	0	0
3	2 3 4		2 2 1		4 5 5		3 3		6		0	
4	4		1		5		3		6		0	
5		0		5		5		3		6		0
6	3		3		6		3		6		0	
4 5 6 7	3		3 2 1		6 5 5		3 5 4		6		1	
8	4		1		5		4		6		1	
9		0		5 7		5 7		4		8		0
10 11	2	0	3	7	5	7	6	4 5	5	8	0	0
11	3		2		5		6		5 9		0	
12	0		3 2 4 3		4		6		8		0	
13	0		3		3		6		7		0	
13 14 15	1 3		3 3		5 4 3 4 6		6 5 5		7		0	
15	3	0	3	7	6	7	5	4	7	7	0	0
16												
17	4		1		5		6		6		0	
17 18 19												
	4		1		5		5		5		0	
20												
21 22 23 24												
22	4		1		5		5		6		0	
23												
	2	0 0 0	2	7 7 5 6	4	7 7 5 6	3	2 2 3	8	8	0	0 0 0
25	_	0	_	7	_	7		2		9 9	_	0
26		0	5	5	5	5	4	3 4	10	9	0	0
27	2 3	U	ე ე	ь	5	ь	6	4	7 8	9	1 0	0
25 26 27 28 29	0		5 3 3 6		5 5 6 6		6 5 4		7		0	
30		0	4	5	4	5	4	3	6	6	1	0
		_	-	_		_	1			_	_	_
Total Nr	47		55	59	102	59	99	34	144	77	4	0

August 2025	Counts	Observations	MDF
Prominance	161	31	5,2
Plage Areas	133	31	4,3
Filaments	221	31	7,1
Flares	4	31	0,1

## Solar images

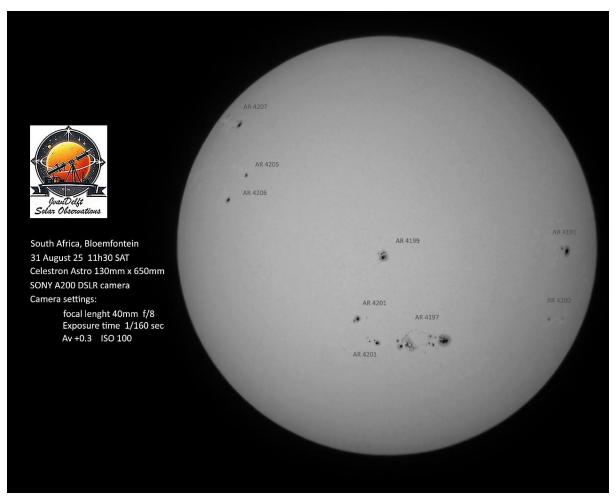
#### WHITE LIGHT



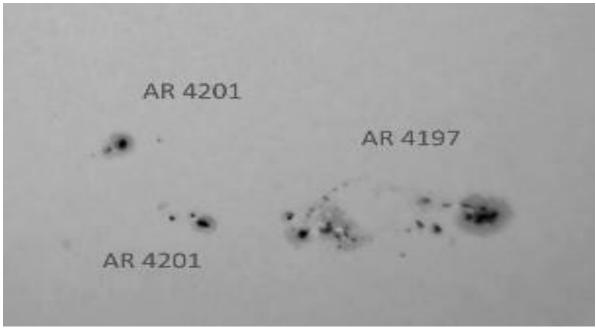
Jacques van Delft ASSA South Africa



Jacques van Delft ASSA South Africa



Jacques van Delft ASSA South Africa



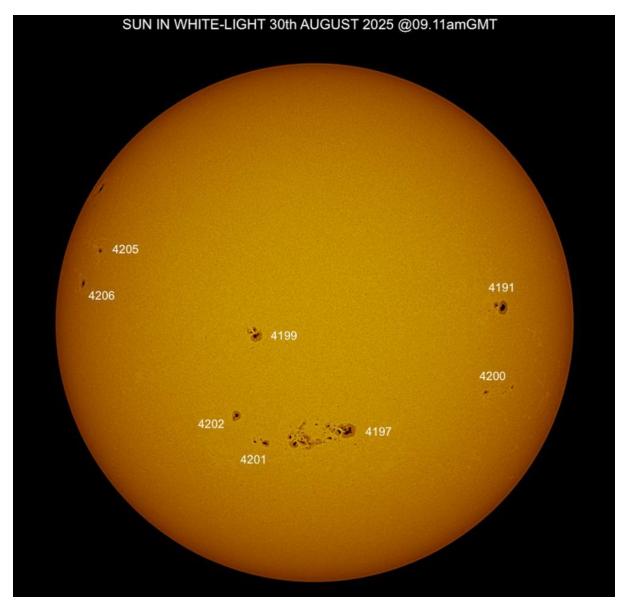
Jacques van Delft ASSA South Africa



Kos Coronaios ASSA South Africa



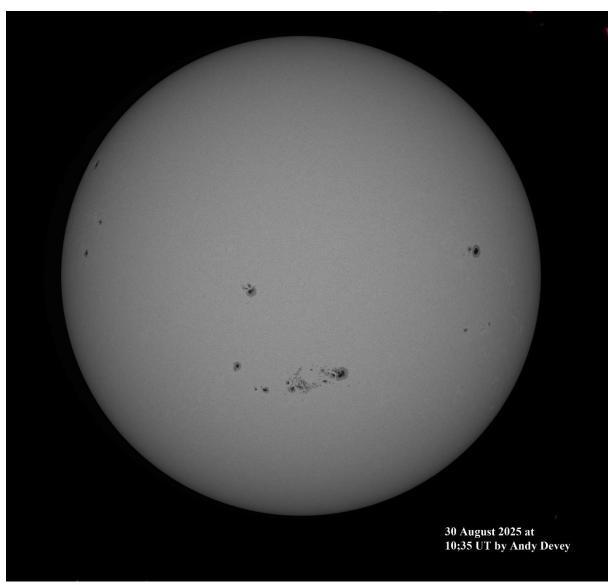
Mick Nicholls, BAA/MSAS UK



Mick Nicholls, BAA/MSAS UK

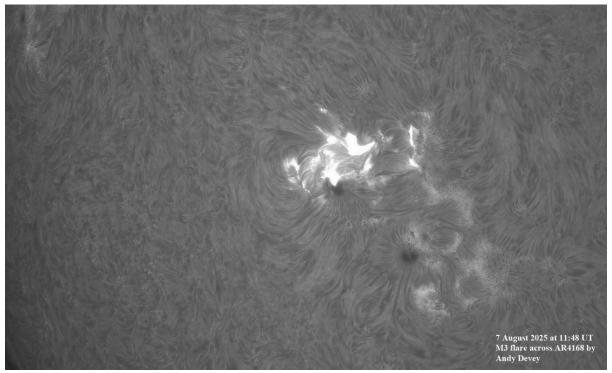


Andrew Devey, BAA/MSAS Spain.



Andrew Devey, BAA/MSAS Spain.

## H-Alpha



Andrew Devey, BAA/MSAS Spain.

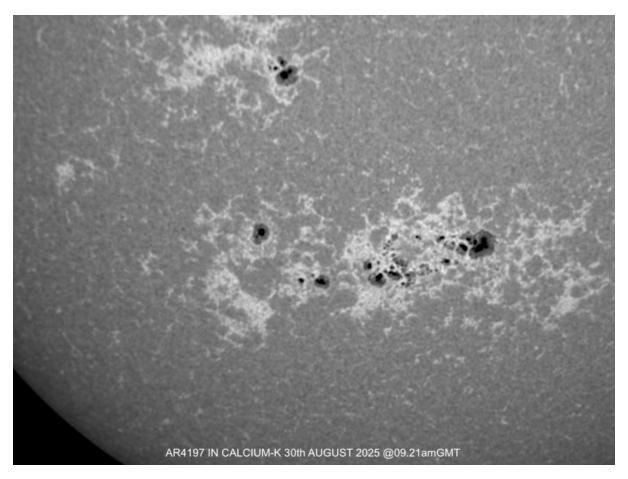


Mick Nicholls, BAA/MSAS UK

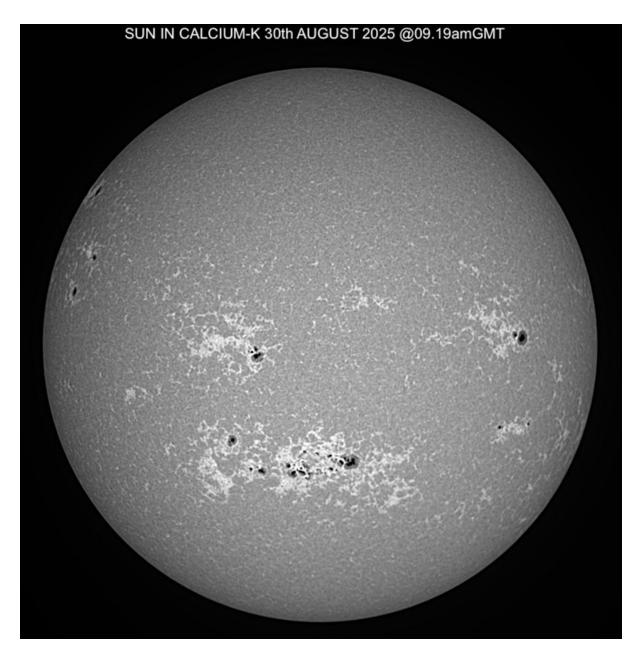
### Calcium K



Mick Nicholls, BAA/MSAS UK



Mick Nicholls, BAA/MSAS UK



Mick Nicholls, BAA/MSAS UK

Thanks to the contributors of data and images. Special thanks to Kos Coronaios from ASSA South Africa for his contribution. He will be a new member to the Solar section contributing to the Solar Bulletin.

Clear skies and regards Jacques van Delft

**ASSA Solar Section**