

WHITE LIGHT SOLAR ACTIVITY

Observer	MDF				R		Q	
	North	South	Total	Days	Total	Days	Total	Days
CUAS	1.10	1.40	2.50	14	35.00	14	-	-
J.G.Gissing	0.63	0.88	1.50	8	-	-	3.50	8
W. Heyes	1.00	1.00	2.00	9	-	-	3.89	9
K.J.Medway	0.64	0.84	1.48	25	-	-	-	-
B. Hardie	1.04	1.71	2.76	9	40.67	9	-	-
E.H. Strach	1.00	1.46	2.46	24	40.12	24	5.46	24
T. Tanti	0.70	1.70	2.40	10	33.70	10	5.00	10
P. Meadows	1.00	0.80	1.80	10	23.10	10	-	-
Elias et. al.	-	-	2.86	28	42.80	28	-	-
MEANS	0.88	1.21	2.25	137	37.74	95	4.79	51

MDF = Mean Daily Frequency of active areas, R = sunspot number, Q = mean quality estimate (JBAA 98,6,pp282-286)

Table 1: Solar activity, 1994 March

BAA/TA Comparison

Month	Active areas		Spot numbers	
	BAA	TA	BAA	TA
1994 February	2.89	2.08	39.39	36.70

Medway observed in white light on 25 days in March and noted mostly small groups. He reports that during the first six days of the month he observed a spotless N hemisphere.

Strach concurs that most of the spots seen during the month were small and unremarkable, some forming minor groups, others were single spots on the limits of visibility.

Strach reports that the average spot latitude was 13.3° in the N and 13.6° in the S. *Polar faculae* were seen on March 3, 10, 12, 13, 16, 26, 28 and 29 all in the S hemisphere.

Sunspot Activity, 1994 March

I must apologize to Martin Götz for losing his observations this month when I accidentally deleted the contents of my e-mail box. Please send them again Martin!

MONOCHROMATIC SOLAR ACTIVITY

Observer	All Latitudes				0-40°			40-90°		
	North	South	Total	Days	North	South	Total	North	South	Total
K.J. Medway	3.38	1.74	5.12	8	1.63	1.50	3.13	1.75	0.25	2.00
E.H. Strach	2.00	2.00	4.00	17	1.53	1.82	3.35	0.47	0.18	0.65
B. Hardie	-	-	3.77	9	-	-	-	-	-	-

H α Prominence Activity, 1994 March

Medway managed to observe in H α on 8 days in March. He notes that the prominences he observed were more evenly distributed in latitude than last month but that they were mostly small. He observed a tall pillar on March 12 on the NE limb at N35. Near-polar prominences were seen on the 19th at 0925 when several hedgerows/arches were seen. These had gone by the 20th. Filaments were quite numerous particularly on the 26th when seven were counted on the disk.

Flares, 1994 March

Date	Time	Lat	CMD	Type	Obs.
2	1055	S11	E31	Sf	EHS
3	1325	S9	E33	Sf	EHS
12	1005	S3	W66	Sn	KJM
13	1107-1122	S13	W70	Sn	KJM
25	1635	S10	W65	SB	KJM