

WHITE LIGHT SOLAR ACTIVITY

White light MDF, 1996 March

Observer	MDF				R		Q	
	North	South	Total	Days	Total	Days	Total	Days
K.J. Medway	0.30	0.35	0.65	23	-	-	-	-
W.F. Heyes	0.20	0.00	0.20	5	-	-	0.40	5
T. Tanti	0.58	0.16	0.74	19	11.30	19	1.80	19
B. Hardie	0.47	0.11	0.58	17	7.70	17	-	-
G. North	0.14	0.57	0.71	7	9.14	7	-	-
P. Meadows	0.88	0.13	1.00	8	12.38	8	2.50	8
E.H. Strach	0.35	0.24	0.59	17	7.59	17	1.65	17
CUAS	0.70	0.20	0.90	12	-	-	-	-
M. Götz	-	-	0.70	10	12.60	10	-	-
G. Johnstone	0.60	0.40	1.00	5	11.20	5	-	-
MEANS	0.46	0.23	0.70	123	9.88	83	1.72	49

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

BAA/TA Comparison

Month	Active areas		Spot numbers	
	BAA	TA	BAA	TA
1996 February	0.41	0.24	5.48	4.42

Sunspot Activity, 1996 March

Sunspot activity remains very low. Medway noted a small group at S8 which lasted from March 11 to March 16 and another group at N7/203 which lasted from March 23 to 28.

Meadows reported that the leading penumbral spot in this group had an area of 80 millionths. Medway also reports a very short-lived spot on March 17 at S43/268 and a small spot near to the NW limb on March 30 at N1.

Strach also reports that four groups were observed during the month and their mean *latitude* was 3.4°. He observed *polar faculae* on March 9, 27, 28 and 29, all in the S. Medway observed *polar faculae* on March 11, 14, 17 and 29 all in the S.

MONOCHROMATIC SOLAR ACTIVITY

Prominence MDF, 1996 March

Observer	All Latitudes				0-40°			40-90°		
	North	South	Total	Days	North	South	Total	North	South	Total
E. Strach	1.20	2.07	3.27	15	0.80	1.07	1.87	0.40	1.00	1.40
K.J. Medway	0.62	2.88	3.50	8	0.38	1.87	2.25	0.25	1.00	1.25
B. Hardie	-	-	2.12	8	-	-	-	-	-	-

Prominence activity, 1996 March

Strach reports that only a few prominences were worth comment this month. On the 1st a cloud-like hood capped a prominence on the W limb at N26. A filament seen around the S40 parallel at the end of February persisted into early March. It crossed the CM on the 2nd and from the 9th onwards it was seen as a hedgerow prominence. On the 18th a high pillar was seen at S42 on the W limb. It extended outwards in the form of a detached cloud-like jet. More complex prominences were seen on the 28th in the SW from S23 to S28 and from S38 to S41.

Medway observed two low mounds and an arch on the SW limb on the 10th and noted another fine prominence on the 14th on the SE limb at S53.

Flares, 1996 March

Date	Time	Lat	CMD	Type	Obs.
10	1355-1402	0	E40	Sf	KJM
11	1110-1120	S2	E50	Sf	KJM
11	1356	S2	E50	Sf	KJM
11	1410	S2	E50	Sf	KJM
26	1012-1026	N2	W16	Sb	BH

