WHITE LIGHT SOLAR ACTIVITY

White light MDF, 1995 January

Observer	MDF				R		Q	
	North	South	Total	Days	Total	Days	Total	Days
B. Hardie	0.35	1.21	1.57	14	24.07	14	-	-
E.H. Strach	0.00	1.78	1.78	9	10.11	9	0.15	9
K.J. Medway	0.58	0.92	1.50	12	-	-	-	-
T. Tanti	0.57	1.29	1.86	7	29.70	7	9.80	7
J.G. Gissing	0.27	0.55	0.82	11	-	-	2.00	11
D.P. Elias	-	-	1.80	20	27.90	20	-	-
M. Götz	-	-	0.70	15	-	-	-	-
J. Shanklin	-	-	0.35	14	-	-	-	-
MEANS	0.36	1.11	1.27	102	23.88	50	3.41	27

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

Table 1

BAA/TA Comparison

Month	Active areas		Spot numbers	
	BAA	TA	BAA	TA
1994 December	1.70	1.39	24.45	22.42

Sunspot Activity, 1995January

A particularly wet January in the UK reduced observing opportunities. The MDF was similar to last month. D. Elias observed a *polar facula* in the S hemisphere on the 12th at 0808UT.

MONOCHROMATIC SOLAR ACTIVITY

Prominence MDF, 1995 January

Observer	All Latitudes				0-40°			40-90°		
	North	South	Total	Days	North	South	Total	North	South	Total
B. Hardie			2.25	8						
K.J. Medway	3.14	1.14	4.28	12	2.29	1.00	3.29	0.86	0.14	1.00
E. Strach	2.5	1.38	3.88	8	1.875	1.25	3.125	0.63	0.12	0.75

Prominence activity

Medway observed impressive arch prominences on the NE limb on January 1, 2 and 3. These were associated with a long filament on the disk. Strach also noted an arch prominence on the 1st between N32 and N37. The filament extended S as far as the equator. Strach followed the filament over the next few days and by the 8th its direction had changed towards the SW. By the 11th it seemed to have broken up with its lowermost portion appearing as a prominence on the W limb at N8.

Medway observed another notable prominence on January 26 at 1425UT. This was a tall pillar on the NW limb at N30.

Flares, 1995 January

Date	Time	Lat	CMD	Type	Obs.
18	1055	S8	E7	Sn	BH
18	1055	S11	W11	Sn	BH
22	1054-1118	N11	E25	Sn	BH
26	1109-1114	S15	W28	Sn	BH