

**WHITE LIGHT SOLAR ACTIVITY**

**White light MDF, 1996 January**

Observer	MDF				R		Q	
	North	South	Total	Days	Total	Days	Total	Days
K. Medway	0.50	0.00	0.50	16	-	-	-	-
E.H. Strach	0.73	0.00	0.73	11	9.90	10	1.64	11
T. Tanti	1.14	0.00	1.14	7	17.00	7	3.30	7
M. Götz	-	-	0.60	15	9.60	15	-	-
MEANS	0.71	0.00	0.67	49	11.31	32	2.29	18

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
1995 December	0.96	0.69	11.58	10.40

**Sunspot Activity, 1995 January**

January's weather took its cue from December and it has been reported that the month was the duller since 1911! Understandably the number of Solar observations has suffered and several regular observers have not reported this month. Amazingly Ken Medway still managed to observe on 16 days during January.

Solar activity was again very low and, according to our observers, was concentrated exclusively in the N hemisphere. Strach noted a total of five groups in the N

with a mean latitude of 8.8°. On the 3rd he found a Dro group at N11/187 with 19 individual spots crowded into a relatively small area of no more than 5° of longitude.

On the 7th Meadows noted two D type groups in the W hemisphere, one of which was near to the limb. On the 9th Strach reports that there were two small spots at N2.5/152 and N10/127 but that by the 11th only plages were seen at those positions.

A single spot, observed by Strach between the 25th and 28th, was located at N10/187 and was probably the remnant of the group seen on the 3rd which had survived its passage over the averted hemisphere.

Finally Medway and Strach observed a new group at N10/220 on the last day of January. At that time it consisted of four spots.

**MONOCHROMATIC SOLAR ACTIVITY**

**Prominence MDF, 1996 January**

Observer	All Latitudes				0-40°			40-90°		
	North	South	Total	Days	North	South	Total	North	South	Total
E.H. Strach	2.0	1.0	3.0	7	1.4	0.4	1.8	0.6	0.6	1.2

**Prominence activity, 1996 January**

The poor weather in the UK caused problems for H $\alpha$  observers. Medway only managed two days and Strach seven during the month.

Strach recorded a minor prominence eruption on the W limb at N11 on the 9th. He notes that it was probably associated with the spot group at N11/187 which had crossed the W limb at that time. On the same day he recorded a looping prominence at N23 to N25 on the E

limb. By the 10th there was still a bright prominence on the W limb at N12 and the E limb showed a group of low prominences from N23 to N43.

Medway comments that the NE limb looked to be very active on the 31st. Strach also recorded this and comments that they may be precursors of a high latitude spot.

No flares were seen during the month.