

WHITE LIGHT SOLAR ACTIVITY

White light MDF, 1996 November

Observer	MDF				R		Q	
	North	South	Total	Days	Total	Days	Total	Days
P. Meadows	0.36	0.64	1.00	14	16.28	14	2.79	14
K. Medway	0.30	0.17	0.47	23	-	-	-	-
G. North	0.27	0.45	0.73	11	12.55	11	-	-
W. Heyes	0.33	0.33	0.67	9	-	-	1.78	9
J.G. Gissing	0.00	0.80	0.80	10	-	-	2.00	10
J. Isles	0.44	0.78	1.22	9	21.78	9	-	-
M. Götz	-	-	0.00	2	-	-	-	-
T. Tanti	0.25	0.58	0.83	12	20.20	12	2.80	12
MEANS	0.28	0.49	0.75	90	17.49	46	2.42	45

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 October	0.09	0.02	1.16	0.05

Sunspot Activity, 1996 November

After the almost blank Sun of October any activity would have been an improvement. In fact, November produced a couple of moderately-sized D-type groups towards the end of the month.

November started as a continuation of October with a blank disk until the 10th when Medway reported a small pot at S14. On the 12th a small spot was seen by Heyes just N of the equator. Meadows observed this spot between the 13th

and the 16th and reported the position as S2/290. Medway's measurement on the 16th gave a latitude of N3.

On the 16th Meadows reported a total of three groups, one was the small spot reported above and the other two were at N28/288 and S16/252. By the 18th the Sun was again inactive with a single Bxo group visible at S8/169 and a small Axx pore at N7/248.

By the 23rd observers were reporting a marked increase in activity with two moderately-sized D-type groups at the locations of the pair of features seen on the 21st. On the 28th one of these groups had passed around the limb but the other had developed into a large feature. On the 28th Meadows estimated the size as 540 millionths and the position as S3/171. He comments that the group was then of type Ehc and it was the largest group that he had observed since 1994 January.

MONOCHROMATIC SOLAR ACTIVITY

Prominence MDF, 1996 October

Observer	All Latitudes				0-40°			40-90°		
	North	South	Total	Days	North	South	Total	North	South	Total
K. Medway	1.75	1.50	3.25	4	0.75	1.00	1.75	1.0	0.5	1.5

Prominence activity, 1996 October

H α observations are very sparse this month since Strach was away and Medway only observed on four days.