

WHITE LIGHT SOLAR ACTIVITY

White light MDF, 1995 August

Observer	MDF				R		Q	
	North	South	Total	Days	Total	Days	Total	Days
B. Hardie	0.73	0.13	0.86	30	12.66	30	-	-
T. Tanti	0.47	0.40	0.87	30	12.80	30	2.20	30
W. Heyes	0.28	0.00	0.28	18	-	-	0.72	18
G.F. Johnstone	0.33	0.17	0.50	18	6.66	18	-	-
K. Medway	0.71	0.19	0.90	31	-	-	-	-
J.G. Gissing	0.38	0.00	0.38	21	-	-	0.80	21
P. Meadows	0.48	0.41	0.89	27	12.22	27	2.26	27
E.H. Strach	0.67	0.20	0.87	30	9.28	25	2.30	30
CUAS	-	-	0.80	28	11.00	28	-	-
M. Gotz	-	-	0.50	16	9.37	16	-	-
MEANS	0.54	0.20	0.73	249	10.94	174	1.79	126

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 July	1.16	0.83	16.90	12.97

Sunspot Activity, 1995 August

August's weather, which would be classed as "good" by practically every one except the water companies, allowed Ken Medway to observe on every day of the month. A rare feat from the UK. The drought has now apparently come to an end but not before the latest set of reports relating solar activity to England's weather. This time the correlation was with the length of the solar cycle but as far as I am aware no mechanism has been put forward!

Activity remained at a low level in August with observers reporting around 12 spotless days. The N hemisphere "dominated" such activity as there was. Strach reports that most of the N groups were at a low latitude and the highest latitude spot of the month was in the S hemisphere at S19/216.

Meadows reports that the largest spot of the month, with an area of 90 millionths, appeared around the E limb on the 26th. This spot was situated at N7/25 and was accompanied by up to three pores. This group was approaching the CM at the end of the month.

Strach's mean *spot latitudes* were 14° in the N and 6° in the S. He saw *polar faculae* on August 2 (N), 8 (S), 21 (S) and 23 (S).

MONOCHROMATIC SOLAR ACTIVITY

Prominence MDF, 1995 August

Observer	All Latitudes				0-40°			40-90°		
	North	South	Total	Days	North	South	Total	North	South	Total
K.J. Medway	1.50	1.68	3.18	26	1.11	1.35	2.46	0.39	0.35	0.74
E.H. Strach	1.37	0.96	2.33	27	0.67	0.85	1.52	0.70	0.11	0.81
B. Hardie			3.50	16						

Prominence activity, 1995 August

Strach reports that this was his lowest monthly prominence count since January 1986. Most of the prominences he saw were small and unremarkable. Medway concurs that activity was low although he notes that interesting features were seen on the 12 when a tall arch was seen on the NE limb at N41. Another arch was seen on the 22nd situated on the NE limb.

Flares, 1995 August

Date	Time	Lat	CMD	Type	Obs.
5	1100	N14	W32	Sn	BH
5	1100	N3	E4	SB	BH
6	0908-0917	N2	W8	Sn	BH
6	1019-1026	N2	W8	SB	BH
6	1031	N2	W8	SB	BH
6	1039-1043	N2	W8	SB	BH
28	0950	N5	E50	Sf	ES

