

Due to a short absence I have had to prepare this month's column on the 5th so some observations did not arrive in time. They will be included next month.

WHITE LIGHT SOLAR ACTIVITY

Observer	MDF				R		Q	
	North	South	Total	Days	Total	Days	Total	Days
CUAS	0.90	1.70	2.60	13	39.00	13	-	-
M. Gotz	-	-	1.45	20	-	-	-	-
K.J. Medway	0.71	1.24	1.95	21	-	-	-	-
B. Hardie	0.80	1.50	2.30	26	33.32	26	-	-
P.J. Meadows	1.30	1.70	3.00	10	40.30	10	-	-
J.G. Gissing	0.92	1.33	2.25	12	-	-	5.30	12
T. Tanti	0.79	1.34	2.14	29	29.40	27	5.80	28
W. Hayes	0.86	1.00	1.86	7	-	-	4.57	7
MEANS	0.85	1.41	2.14	138	33.82	76	5.49	47

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

Table 1: Solar activity, 1994 September

Sunspot Activity, 1994 September

Hayes reports that the largest group that he observed during the month was visible in the first week. It had a large penumbral leader at S9 and it crossed the CM on the afternoon of the 5th. Medway reports that this group was visible with the *naked eye*. No other groups of significance were seen during the month.

MONOCHROMATIC SOLAR ACTIVITY

Observer	All Latitudes				0-40°			40-90°		
	North	South	Total	Days	North	South	Total	North	South	Total
B. Hardie			3.84	13						
K. Medway	2.11	1.44	3.55	9	1.77	1.11	2.88	0.33	0.33	0.66

Flares, 1994 September

Date	Time	Lat	CMD	Type	Obs.
5	0939-0943	S10	W01	1B	BH
7	1019-1026	S10	W28	SB	BH
7	1023	N05	W47	Sn	BH
10	0955-1020	N10	W60	2B	BH
10	1016-1029	S09	W76	2B	BH
10	1016	S11	W15	SB	BH
11	1010-1020	S10	W36	1B	BH
11	1010-1020	S10	W30	1n	BH
11	1010-1030	S10	W82	Sn	BH
11	1010-1025	N08	W63	SB	BH
18	0951-0954	S07	W70	2B	BH ¹
23	0911	S55	W04	Sf	BH

Notes

1. Very bright - seen through cloud at one time.