

WHITE LIGHT SOLAR ACTIVITY

From the UK, observations of the Sun at this time of the year are difficult to come by. I would like to thank all of those observers who sent in observations and wish you all a happy Christmas.

White light MDF, 1995 November

Observer	MDF				R		Q	
	North	South	Total	Days	Total	Days	Total	Days
W.F. Heyes	0.11	0.56	0.67	9	-	-	1.22	9
G.F. Johnstone	0.33	0.22	0.55	9	6.44	9	-	-
E.H. Strach	0.33	0.78	1.11	18	14.00	18	2.72	18
B. Hardie	0.36	0.57	0.94	19	11.00	19	-	-
P. Meadows	0.33	0.78	1.11	9	13.56	9	2.56	9
K.J. Medway	0.26	0.39	0.65	23	-	-	-	-
J.G. Gissing	0.16	0.50	0.66	6	-	-	1.20	6
M. Götz	-	-	0.58	12	12.18	12	-	-
MEANS	0.29	0.55	0.81	105	11.75	67	2.15	42

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 October	1.61	1.38	22.45	21.20

Please note that the comparison last month should have read September not October!

Sunspot Activity, 1995 November

Solar activity was very low this month. Observers reported that the Sun was spotless until the 6th when a unipolar spot appeared near to the E limb. Strach determined that the position of this spot was S11/149 and he notes that this was the return of a spot first seen on October 12 at S10/144. In that previous incarnation it was a bipolar group and its reversed magnetic polarity suggests that it may belong to the new cycle. This spot was the only one on the disk for the first half of the month and according to Meadows it

grew to an area of 140 millionths on the 12th as it crossed the CM. Meadows and Strach last saw this spot as it crossed the W limb on the 18th.

The second active area observed during the month was seen by Meadows as a single pore at S14/97 on the 12th. It became a small D-type group on the 15th when it was noted by Strach and returned to a single pore on the 18th after which it died on the disk. Strach noted a further S group on the 17th at S4/53. This lasted only a further two days.

Strach noted the first N group of the month on the 17th at N7/12. It was bipolar at first and was last seen on the CM on the 22nd. Strach observed another N group at N8/262 on the 28th and 29th. In total he observed five groups during the month, two in the N and three in the S. The latitudes ranged from 4° to 11° giving an average of 7.6°. He observed *polar faculae* on the 2nd, 3rd and 18th in the N. Medway also saw three polar faculae on the 28th with the brightest at N68/W60.

MONOCHROMATIC SOLAR ACTIVITY

Prominence MDF, 1995 November

Observer	All Latitudes				0-40°			40-90°		
	North	South	Total	Days	North	South	Total	North	South	Total
E.H. Strach	0.80	1.20	2.00	15	0.47	1.00	1.47	0.33	0.20	0.53
K.J. Medway	0.86	1.14	2.00	7	0.57	0.71	1.28	0.29	0.42	0.71
B. Hardie	2.66	-	-	9	-	-	-	-	-	-

Prominence activity, 1995 November

Strach comments that the prominence MDF was the lowest that he has ever recorded. Despite this there were a few remarkable prominences during the month. Of note were arches on the E limb on the 9th at S32 to S37 and a faint, but intricate, double stemmed hedgerow type on the W limb between N8 and N10 on the 19th. On the 22nd two lofty, converging spires were seen on the W limb between S29 and S33. On previous days they had appeared as dual filaments on the disk.

Medway comments that a number of interesting prominence displays were observed during the month and the best was seen on the 26th on the SW limb. This was a semi-arching prominence but the activity was not maintained since it had disappeared by the 27th. He also observed a cluster of large spike prominences on the NW limb at N27 on the 19th between 1105 and 1345.

Flares, 1995 November

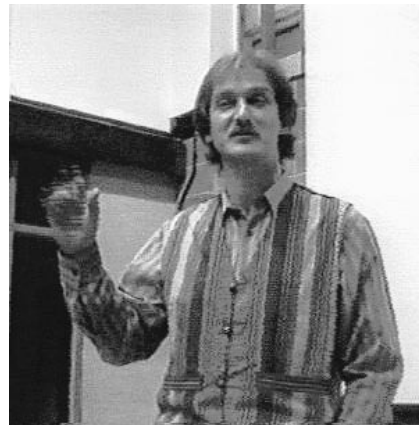
Note that in last month's table Strach's flare of the 10th should have read the 12th.

Date	Time	Lat	CMD	Type	Obs.
9	1032	S8	E35	Sb	BH
18	1415	N14	limb	Sf	KJM

EVENTS AT THE 1995 TA AGM



John Mackey on CCD photometry



John Mason on the Indian eclipse



Brian Manning receiving the overall contributor award.