

Solar observations in 1984 (p. 7.)

On 297 days of 1984 year there were 16 regular and 22 irregular observers. They carried out altogether 1049 observations. The synoptic map on pp. 8 - 9. shows Carrington rotations No. 1744 - 1757. Comparing to 1983 the heliographic latitude of sunspots decreased by 3 - 5 degrees. Altogether 170 groups could be observed, 114 of these on the southern and 56 on the northern hemisphere. The Padeborn solar activity graph can be seen on p. 9. According to this graph maxima can be seen in February - March and in May - June. After this termin the activity decreased rapidly.

The Perseid '85 observing camp (p. 21.)

The Hungarian Meteor and Fireball Observing Network (MMTÉH) organized its regular summer meteor observing camp for observing Perseids between 9th and 20th August, 1985, in Mátra mountain, north-eastern Hungary. During the days around maximum a simultaneous camp was also organized near village Süllyás, not far from Budapest. The visual work was carried out by several groups of 8 - 10 observers. Simultaneously photographic observations were also made. During 10 night we recorded more than 4500 meteors visually and about 50 successful photos were also made. We have seen several bright fireballs, too, the brightest of these of -10 magnitudes. Its trace could be observed for 8.5 minutes visually and for 15 minutes by binocular.

WZ Cas 1973 - 1985 (p. 34.)

The star was observed by 69 observers between December 1972 and August 1985. They carried out 1601 estimates using AAVSO sequence. The average amplitude was only 0.5 magnitude, the total variation did not exceed the values of 6.7 and 7.7 magnitudes. Until 1977 the period was 400 days, twice of the official value of GCVS. After a disturbed period of two years the period became 198 days, very close to the 186 days of GCVS. There is a possibility of a 2800 ± 500 days wave with an amplitude of 0.5 magnitude. The light curve is given on p. 34. We used 10 day averages. Small dots mean one observation, larger ones mean 2 - 15 estimates.