
ABSTRACTS

Comets (p. 10.)

Before its perihelion, during the interval between 13rd October, 1985 and 22nd January, 1986 there were 221 observations carried out. The light curve was constructed of 183 data. In October and November the comet was brighter than predicted, $m_0 = 4.43$ and $n = 6.17 \pm 0.23$. Near the perihelion ($\log r = \pm 0.1$) the brightness of the comet decreased, it was approximately as bright as predicted. Between 1.15 and 0.71 A.U. solar distances the photometric parameters were: $m_0 = 4.70$ and $n = 3.99 \pm 0.27$. The diameter of the coma is shown on p. 12. in thousands of kilometers. The upper figure gives the length of the tail in millions of kilometers. The tail was first observed at 1.9 A.U.

Variable stars (p. 28.)

We received 3233 estimates for the months November and December, 1985 and January 1986. The observers' lists are published in Meteor 86/2 and 86/4. Due to the especially bad weather in Hungary we have large gaps in the data series. Foreign observers from England, France, Spain, Zimbabwe, etc. helped a lot in our work, so we are able to produce continuous light curves for certain stars.

During this interval R CrB rose from 8.0 to 6.0 reaching its normal brightness at the end of January. In January R And produced a very bright maximum, it was near 6.0. Mira Ceti was in minimum on 5th November ($8^m.8$). At the very end of February Mira was as bright as 4.0. R UMa also showed an intensive brightening.

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A TIT Csillagászat Baráti Köre megfigyelési tájékoztatója csillagászati szakkörök és észlelő amatőr csillagászok számára

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