

The activity of Hungarian Meteor observers in 1985
(p. 22.)

In 1985 meteor observations were carried out by 161 observers. The number of observers and the observed hours is published in table on p. . Photographic observations were carried out by 10 observers.

On the activity of Pleione Variable Star Observing
Network in 1985 (p. 28.)

Last year we received 27,252 variable star observations from 83 observers of 11 countries. 41 percent of the data were received from our foreign observers. Their data are always welcomed in our Network, because their observations fill the gaps in our light curves, especially in the case of faint variables.

Three observers made photographic observations. This method is highly recommended to the observers.

We have no practice in the field of photoelectric techniques. In Hungary to obtain the necessary instruments (especially photomultiplier tubes) is a great (not only financial) problem. We would highly appreciate any help of our readers in developing of amateur photoelectric photometry in Hungary.

We started a new program in close cooperation with deep-sky observers. We observe several variables connected with deep-sky objects. (reflection nebulae, Seyfert galaxies, etc.)

Light variations of TX Dra and AH Dra 1974-1985
(p. 36.)

These bright semiregular variables are closely observed by our members since 1974. The work resulted 1687 estimates. We found a 75+1 days period for TX Dra. This is somewhat shorter than the value mentioned in GCVS (78 days). The mean brightness varied with a 0.5 magnitude amplitude, producing waves between 700 and 800 days. The observed extremes were 6.^m9 (max.) and 8.^m2 (min.) in good agreement with GCVS.

We observed two disturbances in the light curve, one in 1982 and another in 1986. During these times no significant period was observed.

We collected 1176 Hungarian estimates on AH Dra. This star shows relatively large-scale semiregular variations between 7.1 and 8.5 magnitudes. According to the GCVS the amplitude is only 0.8 magnitude. The star showed sudden period variations. For details contact the author: István Kovács, H-1181 Budapest, Vikár B. u. 9.

meteor

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

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