

Abstracts

⇒ How did we observe Halley's Comet?

This March a group of Hungarian amateur and professional astronomers went to Crete, Greece to observe Halley's Comet. Their results are discussed briefly. The expedition was supported by Urania Observatory and Hungarian Television. 21 observers sent in visual and photographic results, their names are listed on p. 16. They observed the comet on 7 consecutive nights between March 14 and 20. Halley's Comet produced a fine sight on the predawn sky. It's total brightness was between

magnitude 2.5 and 3.0 while the tail reached 6-8 degrees for naked eye. All the observations were sent to the center of IHW.

⇒ Variable stars

This summer we received more than 10 thousand observations from 54 observers. Three of them, I. Dalmeri, L. Gyarmati and G. Sári sent in photographic results. R. Fidrich began a visual nova search program in May, his program covers 13 AAVSO Nova Search Fields.

This issue we present notes and light curves on those program stars which showed interesting variations between May and August. All the received data are published in regular intervals in PVH Reports.

⇒ Aurigid maximum on 1st September

István Tepliczky carried out a visual meteor observing on 1st September. He recorded strong activity of Aurigids, 24 members were seen between 00:47 and 02:11 UT (SL 158^Q311-158^Q367). No meteors of Aurigid stream were observed apart this time interval. The value of ZHR is 39.6 ± 8.1 , while the position of the radiant is RA 94^Q0, D +36^Q4 (SL 158^Q34). Brightness statistics of Aurigids is presented on p.18.

⇒ Recent results of meteor observers

Last year the members of "Hungarian Meteor and Fireball Observing Network" sent in about 10 thousand observations. We present a sample of the observations. The ZHR activity curves of the most active summer meteor showers is presented on p. 20.. The positions of the radiants were also determined when the number of observations were sufficient for computerized analysis. The results refer to the duplicity of Perseids radiant (p.21.) A detailed report will be published soon in the English version of ZHR Bulletin 1985. For more information contact Gábor Süle (H-8200 Veszprém, Móricz Zsigmond u. 22.).

meteor

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

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