

Abstracts

☐ COMETS (p. 13)

Halley's comet was covered for eight months during its 1985-86 visibility. It was the most closely monitored such object by the Hungarian amateurs. They provided 337 visual observations, 274 of them were used to produce the light curve on p. 18. (No data were received for February 1986 because of conjunction with the Sun.) In this figure a sharp line represents the predicted brightnesses.

The photographic observations were concentrated around the bright phase of the appearance. A lot of fine color photographs were made in March 1986 by the members of the Hungarian Halley Expedition of Urania Observatory, Budapest. Unfortunately we don't have homogenous series of black and white photographs.

The largest coma diameter (1 million km) was observed in mid-March, 5 weeks after perihelion. The longest tail (22 million km) was observed in January 1986, before perihelion.

☐ VARIABLE STAR OBSERVATIONS FOR AUGUST (p.37)

This August record numbers of observations were received from 30 members of the "Pleione Variable Star Observing Network". 4187 estimates were reported including 451 "inner sanctum" observations by 6 members. Numerous dwarf novae were detected at maximum (AR And, KT Per, TZ Per, AH Her, AY Lyr, CY Lyr, VZ Aqr, SS Cyg, etc.). CH UMA is still active, a 12.8 magnitude short maximum was observed on JD 7030. CI Cyg is on its ascending branch brightening from 11.7 to 11.2 magnitude.

☐ TIMES OF MAXIMA AND MINIMA OF MIRA VARIABLES FOR SECOND HALF OF 1986 (p. 43)

In the second 6 months of the last year, minima and maxima of 33 Mira variables have been observed by PVH members. We arranged the dates and magnitudes in a table, which is the continuation of the results published in "Meteor 1/87".



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PAPP JÁNOS FELVÉTELE

87.1817 - TIT Nyomda

F.v.: Dr. Préda Tibor

XVII. évf. 10. (136.) szám

Közlemény lezárta: Október 4.