

Abstracts

SUMMARY OF THE EVENTS OF THE 21th SUNSPOT CYCLE (p. 2)

We summarize the last sunspot cycle by using 14529 visual and 761 photographic observations carried out by Hungarian amateurs. This cycle had two maxima (see figs. 1 and 2 on p. 3), the first one is on December 1979 (MDF=12,3), the second one is on September 1981 (MDF=13,75). Two white flares were recorded by the Hungarian amateurs. The first flare was observed on July 8, 1978 by B. Szentmártoni and J. Kelemen in the interval 9:52-9:55 UT, the second one on July 3, 1982 by A. Budavári on July 3, 1982 between 11:44-11:45 UT.

THE SUN IN JUNE-JULY (p. 15)

During this interval twenty observers sent Solar observations to "Meteor". The activity decreased in June, we detected inactive surface on 10 different days. A C-type Active Area (AA) was observed between June 21-29 (see the sketches on p. 16). In July we observed a higher activity although the surface was inactive on 12 days. We observed 7 AA on July 23.

VARIABLE STARS IN MAY-JULY (p. 37)

The "Pleione Variable Star Observing Network" received 7868 estimates during May-July, including 225 "inner sanctums" from 35 observers of 10 countries (see the observer's list on p. 37). We show the light variations of several well observed stars (SN 1987A, Z UMa, R Boo, R Ser, AC Her, T Cep and SS Cyg) in the subsequent figures.

If you need more information about the activities of Hungarian amateur astronomers, please contact the following addresses:

MOON: Antal Kocsis, Balatonkenese, Kossuth u. 2/a, 8174

SUN: József Iskum, Budapest, Tito u. 48. III/18., 1041

PLANETS: Zoltán Orha, Budapest, Corvin krt. 2., 1191

COMETS: Tamás Zalezsák, Pécs, Erika u. 1, 7632

METEORS: István Tepliczky, Tata, Baji út 42, 2890

OCCULTATIONS: Sándor Szabó, Bóly, István u. 8., 7754

DOUBLE STARS: György Vaskúti, Vaskút, Damjanich u. 83., 6521

VARIABLE STARS: Attila Mizser, Budapest, Bartók B. út 11-13
1114

DEEP-SKY OBJECTS: Béla Berente, Kocsér, Dózsa Gy. u. 9, 2755
6000

NAKED-EYE OBJECTS: (aurora, zodiacal light, etc): Sándor Keszthelyi, Pécs, Alkotmány u. 3., 7624

ARTIFICIAL SATELLITES: Előd Both, III Uránia Csillagvizsgáló,
Budapest, Pf. 36, 1253

Tartalom

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