

3 ENE 1985

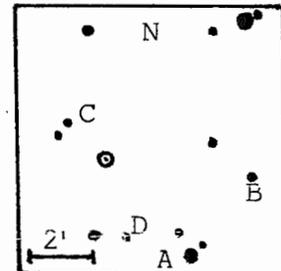
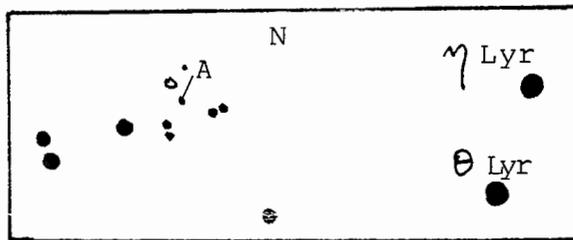
ETOILES ECLIPSANTESBulletin d'Information n° 35Large O-C for PG 7

PG 7 was suspected to be variable by P. Guida. Recently, S. Yu. Shugarov (1984) found it to be an EW-variable from 270 photographic plates taken during the years 1957-1980. He gave the following ephemeris:

$$\text{JD Min} = 2439415.247 + 0.^d.4050654 \text{ E} \quad (1)$$

From my 156 visual observations, obtained with a 254mm Jones-Bird telescope, during June-October 1984, a visual amplitude of 0.5 mag could be derived (mean magnitude about 12.5), somewhat larger than the range given by Shugarov. However, the minima appear to take place considerably later than expected from (1). A mean O-C of 0.064 days was deduced. Individual minima are given in the table. Phases for the mean light-curve around primary minimum were calculated from (1).

The 1950 position of PG 7 is $19^{\text{h}}29^{\text{m}}.9 +38^{\circ}56'$, and a chart adapted from IBVS 2492 appears below.

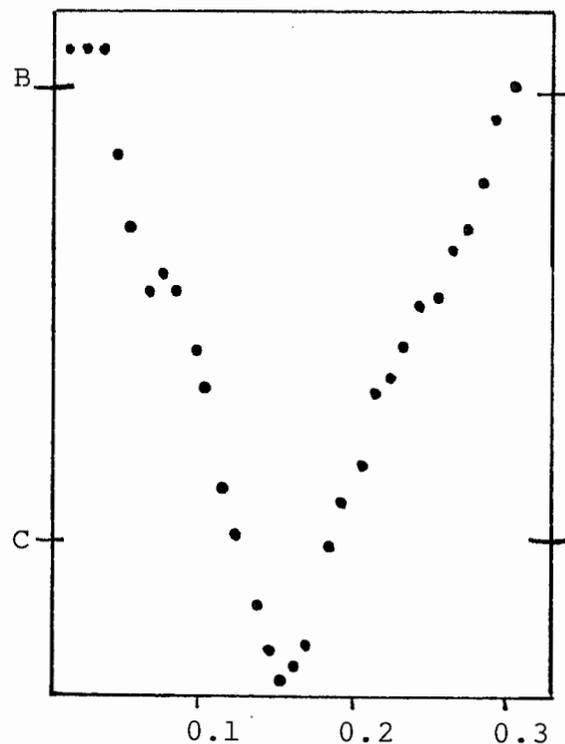


Heliocentric primary minima

J.D.	O-C	N
2445861.522	+0.064	6
887.436	+0.054	7
889.477	+0.070	9
904.453	+0.058	7
906.486	+0.066	8
910.533	+0.062	8
915.402	+0.074	5

Reference

S. Yu. Shugarov, IBVS 2492,
(1984)



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