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MINIMA OF 44i BOOTIS

Photoelectric BV observations of the eclipsing binary, 44i Bootis, were taken with the photometer attached to the 30-inch (76 cm) reflector of the Rosemary Hill Observatory during the years 1969-71. The heliocentric times of minimum light (averages of the values obtained with the blue and yellow filters) are as follows:

Hel JD 2400000 +	E	O - C
40339.6493	6819	+0.0070
346.6161	6845	+0.0106
346.7482	6845.5	+0.0088
392.5449	7016.5	+0.0093
392.6820	7017	+0.0125
714.5891	8219	+0.0068
714.7299	8219.5	+0.0137
769.6286	8424.5	+0.0104
769.7628	8425	+0.0107
1102.6556	9668	+0.0103

The epochs (E's) and (O - C)'s were calculated using the light elements given by Pohl (A.N. 291, 111, 1969):

Primary minimum = JD 2438573.4166 + $0^d.26781430$ E

The (O - C)'s confirm that the period of 44i Bootis has increased as Scarfe and Brimacombe (A.J. 76, 50, 1971) and Bergeat, et al. (Astron. and Astrophys. 17, 215 1972) have previously reported.

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