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OBSERVATIONS OF THE MINIMUM OF θ^1 Ori A

At the Lick Observatory, an attempt was made by the writer to observe the predicted minimum of θ^1 Ori A near 1975 Dec 5.3 or 5.48 (UT) (TVBS 988 and 1025), using the 24-inch reflector and a photometer employing a 1P21 photomultiplier. Unfortunately, the night of Dec 4/5 was overcast, and only two observations of somewhat uncertain quality were obtained through the clouds. These observations, and a single observation through clouds on the following night, are listed in the accompanying table. These observations were made in yellow light, through a Corning 3384 filter and using a focal plane diaphragm 11" in diameter. θ^1 Ori D was used as the comparison star, and the magnitude differences in the table are given in the sense θ^1 Ori A minus θ^1 Ori D.

Date 1975 UT	ΔV mag
Dec 05.442	+1.07
05.450	1.10
06.316	+0.04

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