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IMPROVED LIGHT ELEMENTS OF HX ARAE

HX Ara was identified as a RR_c variable in 1975 (Duerbeck and Walter, Astr. Astrophys. 49, 471 (1976)). A new light maximum is derived from observations in B and V made by one of us (K.W.) with the 50cm telescope of the European Southern Observatory in 1976:

$$\text{J.D.hel.} = 2\,443\,005.5745 \pm 0.0020.$$

The following improved light elements are derived:

$$\text{J.D.hel.}(\text{max.}) = 2\,442\,638.5138 + 0.219403 \cdot E.$$

$\pm 0.0010 \quad \pm 0.000002$

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