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ELEMENTS FOR V1714 Sgr

V1714 Sgr, a long period variable at  $17^{\text{h}} 46^{\text{m}} 33^{\text{s}}$ ,  $-29^{\circ} 30'6$  (1900), was discovered by L. Plaut (1958), who was, however, unable to derive a period. Fourteen images brighter than magnitude 15.0 (photographic) or 14.0 (red) have been found in a search of the plate collections at the Harvard College and Maria Mitchell Observatories. The earliest is from 1889, the most recent from 1972. These occur within  $\pm 53$  days of the following mean elements:

$$\text{JD}_{\text{max}} = 2433527 + 532 \text{ E.}$$

The photographic range is 13.6 to fainter than 17. A seventeenth magnitude image seen on deep plates when the variable is near minimum apparently belongs to another star.

The search was carried out by Margaret Lyons, Marion Wolfson, and Karen McTigue. Financial support came from the National Science Foundation and Earthwatch/Center for Field Research.

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Reference:

Plaut, L. 1958, Ann. Stw. Leiden 17, 217