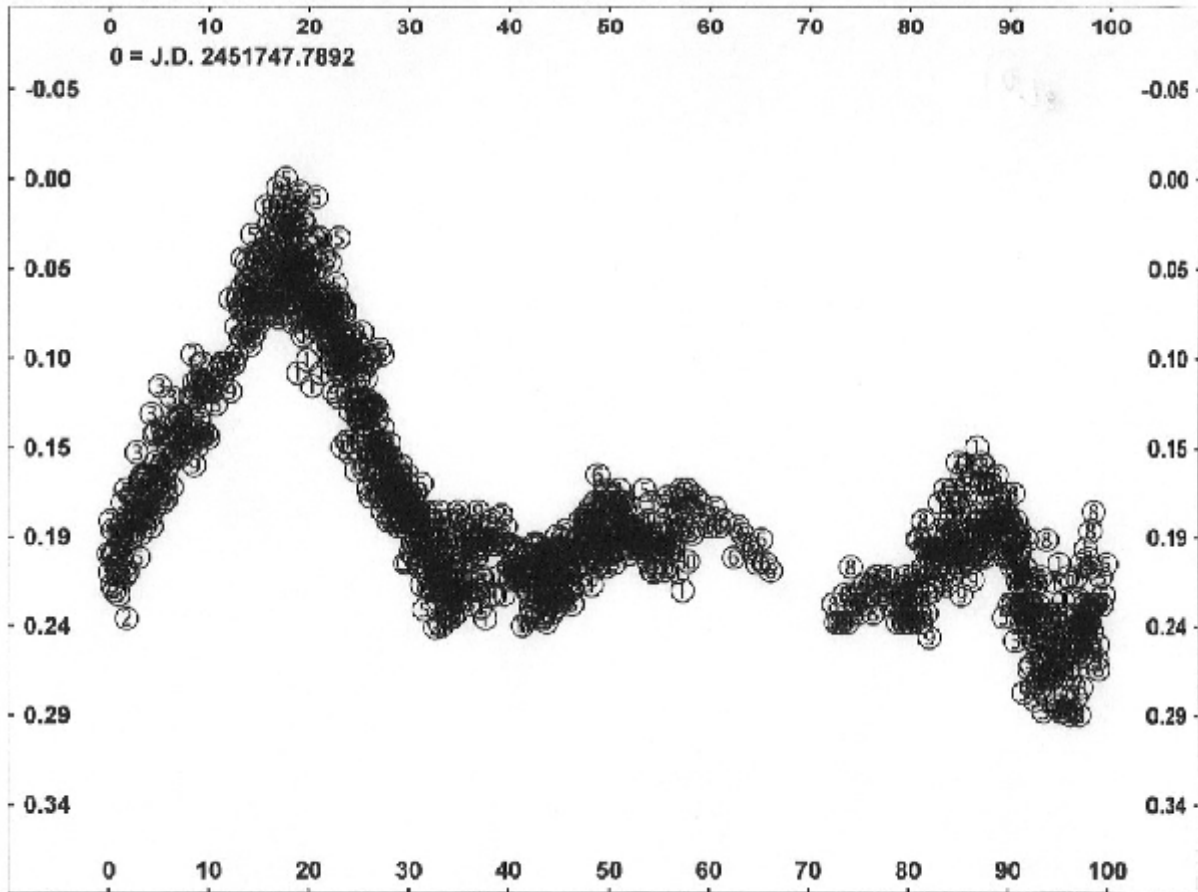


(27) Euterpe



Period: $10.410 \pm .002$

Amplitude: $0.29 \pm .03$

Dates Observed: July 22 to August 9, 2000

Number of Sessions: 11

Number of Observations: 1,205

Instruments: .28 meter F/9 SCT with a SBIG ST9e CCD Camera and others

Notes: In mid July, Alan Harris of JPL posted a request to Brian Warner's CALL Web Page requesting measurement of 27 Euterpe. A published report by Chang in 1962 previously put the period at 8.5 hours. Lagerkvist et al, in 1988 could not determine a period. However, unpublished reports indicated that the period might be around 11 hours. It was affectionately referred to as 'U-Turkey' around JPL.

Contributing observations to the collaborative effort were Bob Stephens (846), Bob Koff (100), Stephen Brincat (26), and Glenn Malcolm (233).

27 Euterpe has an interesting lightcurve with a single strong peak that was confirmed by multiple nights of observations. It also has a very weak secondary peak. 27 Euterpe was discovered November 8, 1853 by J. R. Hind in London. It was named for the Muse of music and lyric poetry. Her symbol was the flute and some legends say she invented the flute along with all wind instruments.

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