

COMMISSIONS 27 AND 42 OF THE IAU
INFORMATION BULLETIN ON VARIABLE STARS

Number 5059

Konkoly Observatory
Budapest
21 April 2001

HU ISSN 0374 – 0676

OBSERVATIONS OF NSV 04832

GOMEZ-FORRELLAD, J.M.^{1,2}

¹ Grup d'Estudis Astronòmics, Apartado 9481, 08080 Barcelona, Spain

² Esteve Duran Observatory Foundation, Montseny 46 – Urb. El Montanya, 08553 Seva, Barcelona, Spain
e-mail: jmgomez@astrogea.org

Name of the object:	
SAO 81314 = BD +26°2077 = AGK +25°1146 = HD 89810 = PPM 100303 = IRC +30220 = GSC 1972_454	
Equatorial coordinates:	Equinox:
R.A. = 10 ^h 22 ^m 23 ^s DEC. = +25°29'59"	2000.0
Observatory and telescope:	
Mollet Observatory; 6-cm refracting telescope	
Detector:	CCD
Filter(s):	V
Comparison star(s):	SAO 81303 = BD +26°2072 = AGK +25°1145 = HIP 50632 = PPM 100278 = GSC 1972_644
Check star(s):	SAO 81321 = BD +25°2241 = AGK +25°1150 = PPM 100309 = GSC 1969_704
Transformed to a standard system:	No
Availability of the data:	
Upon request	
Type of variability:	SR
Remarks:	
NSV 04832, with a Tycho <i>V</i> magnitude of 8.877 and a <i>B</i> magnitude of 10.305 and a spectral type M8, was announced as a variable star by Neugebauer and Leighton (1969), who indicated that this star underwent light variations in the <i>I</i> band between 5 ^m 08 and 5 ^m 47. To know more about NSV 04832 the star was observed from 2 March to 13 June 1997 for 41 nights. Figure 1 displays the obtained light curve, suggesting a SR type. The maximum detected amplitude was of 0.70 magnitudes. More observations are needed to ascertain its long term behaviour.	

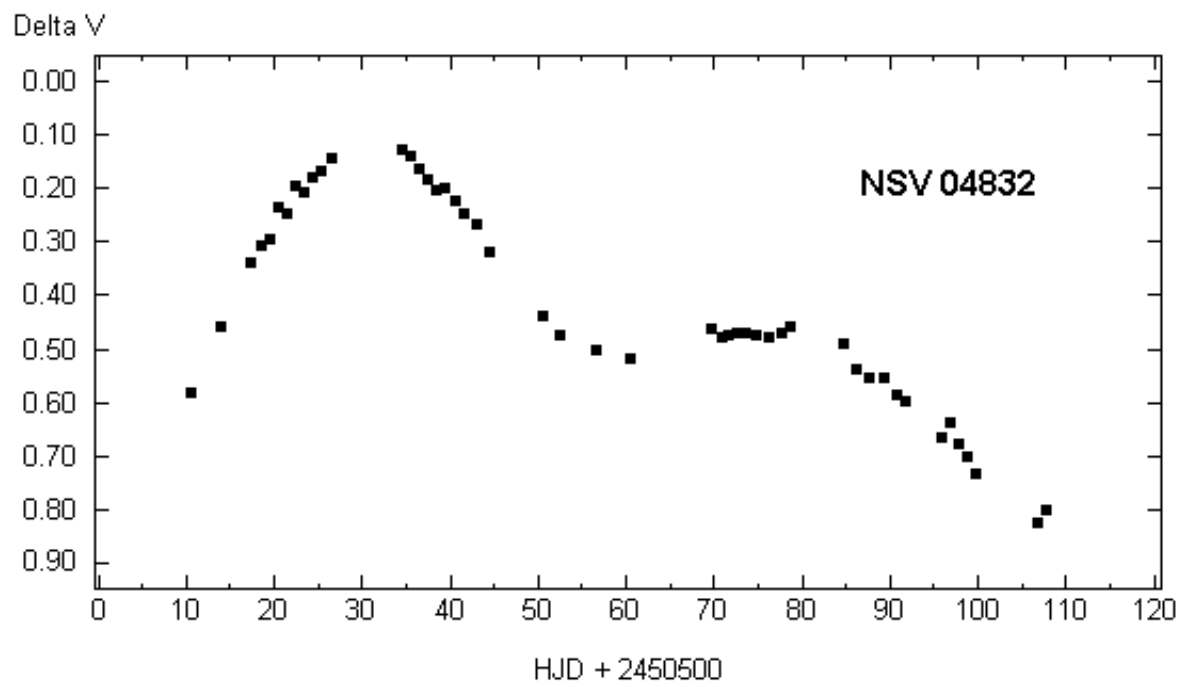


Figure 1.

Reference:

Neugebauer, G., Leighton, R.B., 1969, Two-micron Sky Survey