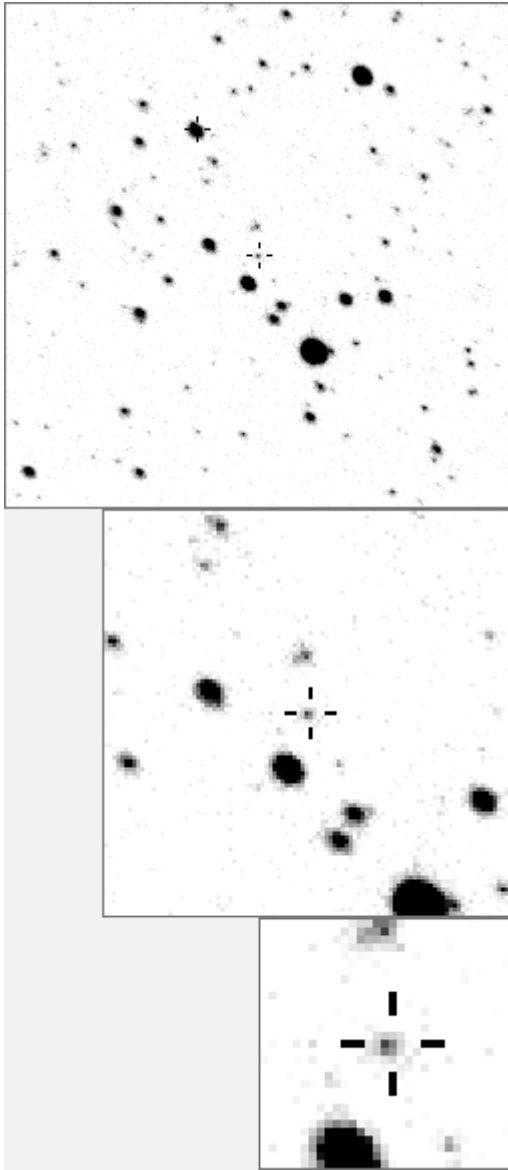


a18613



variable and brighter stars	
. . . . .	O 18613 v
. . . . .	a 325
. . . . . a . . . . .	b 1320
. . . . . c . . . . .	c 2201 v
. . . . . m . . . . .	d 2350
. . . . .	e 2913
. . . . . i . . . . .	f 3052
. . . . . f O . . . . .	g 4316
. . . . . b e d . . . . .	h 4570
. . . . . h . . . . . l . . . . .	i 5276
. . . . .	j 5396
. . . . .	k 6073
. . . . . j . . . . .	l 6078
g . . . . n . . . . .	m 6792
. . . . .	n 7286
-----	
. . . . . i . . . . .	O 18613 v
. . . . .	a 1320
. . . . . m . . . . .	b 2913
. . . . .	c 3052
g . . . . . n	d 6073
. . . . . k . . . . .	e 6078
. . . . . c . . . . .	f 10098
. . . . . O . . . . .	g 14135
. . . . .	h 16657
f . . . . . a . . . . .	i 17605
. . . . . . . . . . . b . . . . .	j 21453
. . . . . . . . . . . d . . . . .	k 21776
. . . . . . . . . . . e . . . . .	l 22315
. . . . . . . . . . . . . . . l . . . . .	m 32406
. . . . . . . . . . . j h . . . . .	n 32407

Bitmap sizes are 251, 101 and 31 pixels square, South up. The keys to the right refer to the 1<sup>st</sup> two bitmaps. The numbers in the key are those in my catalogue 'starlistA'. Stars marked with a cross have been found to be variable.

**Data and comments on star a18613**

SWid: a18613 / **USNO id: 1353 413508 / other id:**

Co-ordinates, x,y in image z1051: 755.7 310.7

**J2000 sky co-ordinates: 21 3 32.34 +45 20 12.64**

CMC r'magnitude and 2MASS J, H, K magnitudes: 14.032 9.98 8.826 8.465

USNO B1.0 magnitudes, B1, R1, B2, R2, I2: 17.65 12.99 0 13.11 13.03

Misc comments :

July 2008, new with rps. Strong irreg osc, to best ref 1320 magm 13.87, magr 0.51

50-54d period, uncannily similar to 18411 which had a 52 d period

Comparison reference star(s) co-ordinates:

**a01320: 21 3 31.2 +45 20 43.66**

colour temp estimate: 3761 K

More years needed and CMC mags

Reminder: **All dates, JD and HJD are from Jan 1<sup>st</sup> 2000**

season 1: dates 1316 to 1553 is 9/8/2003 to 3/4/2004 (a)

season 2: dates 1696 to 1838 is 23/8/2004 to 12/01/2005 (z)

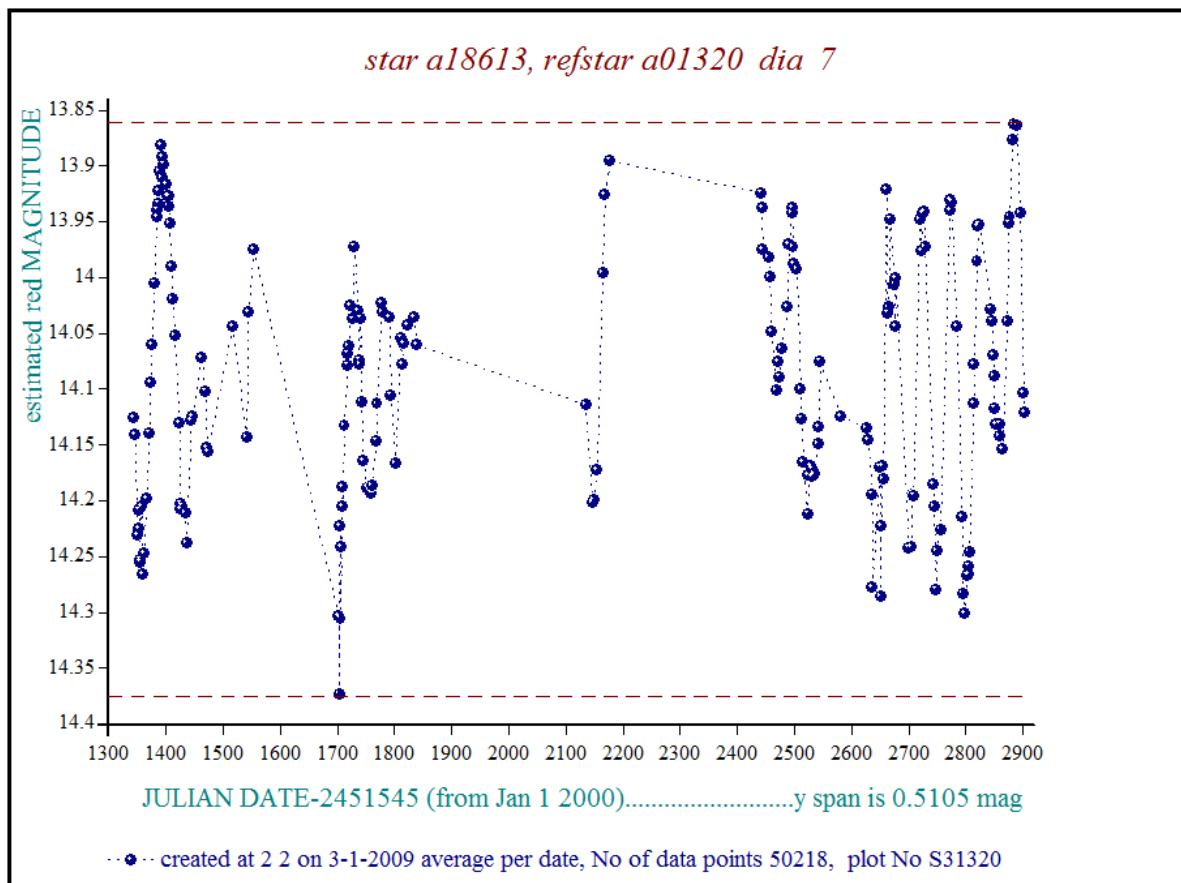
season 3: dates 2085 to 2177 is 16/9/2005 to 17/12/2005 (y)

season 4: dates 2442 to 2755 is 8/9/2006 to 19/7/2007 (w)

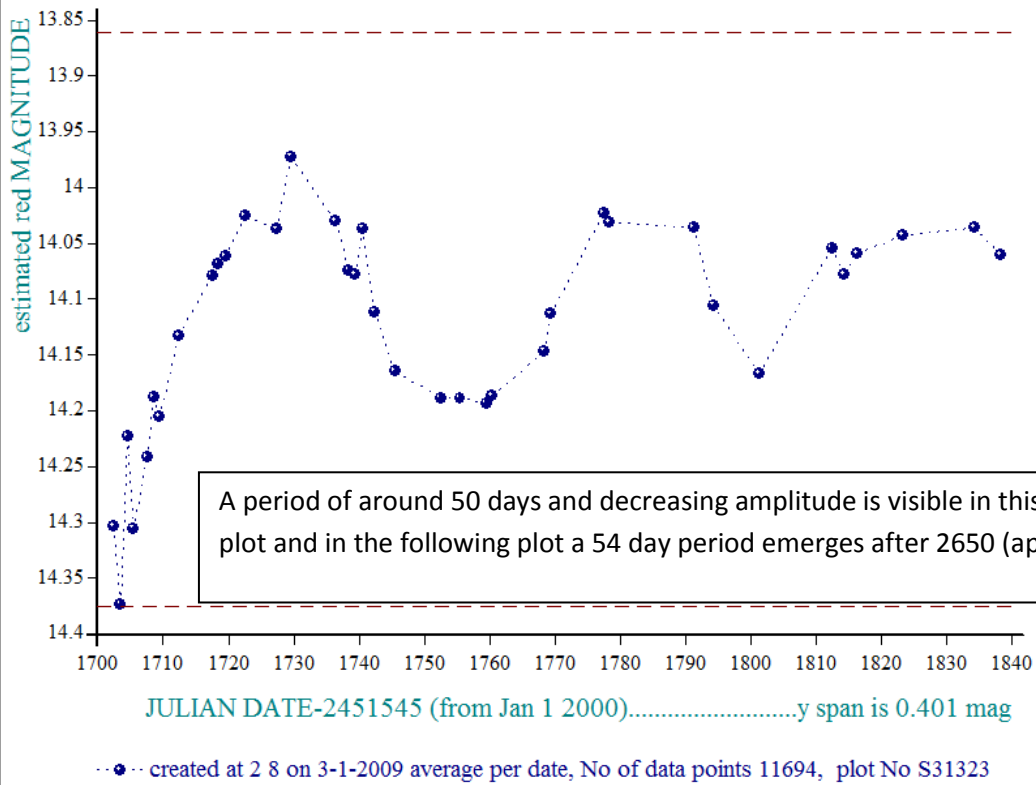
season 5: dates 2772 to 2903 is 4/8/2007 to 13/12/2007 (v)

season 6: dates 2930 to 3266 is 9/1/2008 to 10/12/2008 (u)

season 7: dates 3403 to 3539 is 26/4/2009 to 10/9/2009 (t)



*star a18613, refstar a01320 dia 7*



*star a18613, refstar a01320 dia 7*

