

## V1143 Cyg

From GCVS we find the next elements:

A.R. 19h 38m 41s      Dec. +58° 58' 19"      Range: 5.85 - 6.37 visual      Esp. F5V+F5V  
 Base: 2442212,7651      Period: 7,6407613      D: 0,022

The comparison stars were:

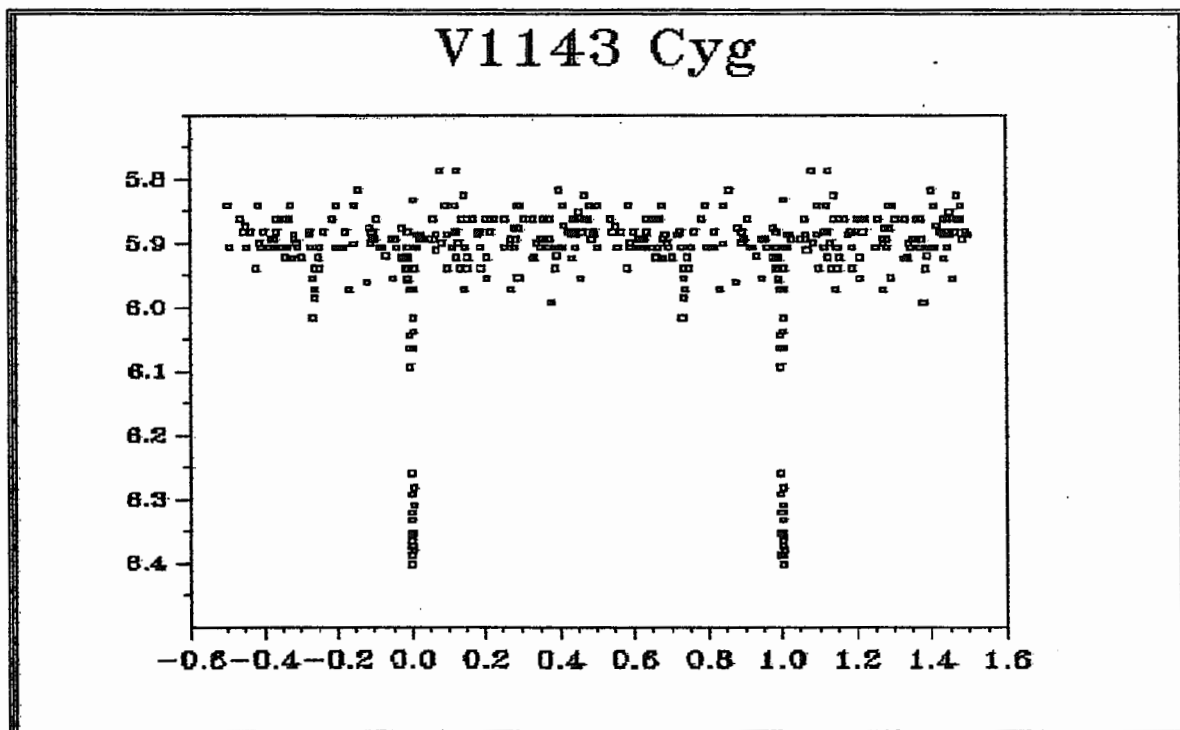
Star	HD 183534	HD 189296	HD 187275
Magnitude	5.75	6.1	6.7
Personal Sequence	5.71	6.17	6.66

I recollected 152 observations in 1996 and 54 observations in 1997. Only three minima were observed during this time.

Heliocentric Julian Date	E	O-C
2450258.489	1053	0.002
2450281.412	1056	0.003
2450365.462	1067	0.005

The minima times adjust very well to previsions from GCVS data.

The light curve of V1143 Cyg:



The secondary minimum appears on phase  $0.733 \pm 0.004$ . This system shows shift in its apsidal points, so the secondary minimum goes along the phase between the primary minima.

### References.

General Catalogue of Variable Stars . IV Edition . Kholopov et al.  
 Guide 6.0 .  
 SOPACM . Adriano Gaspani . Private communication

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