CEPHEIDS OBSERVATION
(light curve nr 22/97)

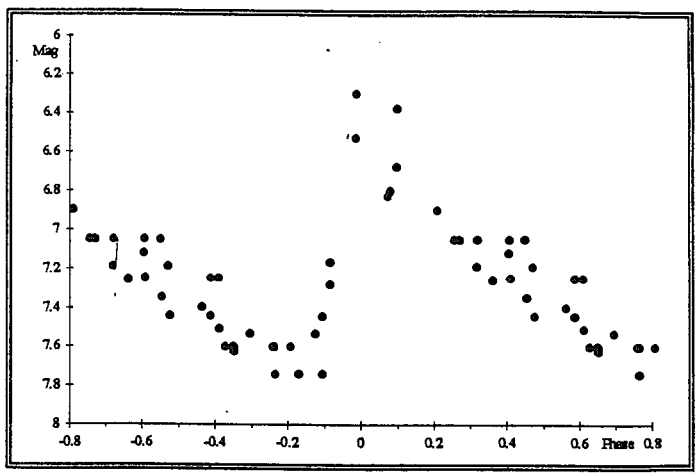
SV Vul

GCVS 1985 data: Max = 43086.89 + 45.0121 * E
Type: DCEP M-m = 0.23 Range: 6.72 - 7.79 V Spect.: F7IAB-K0IAB

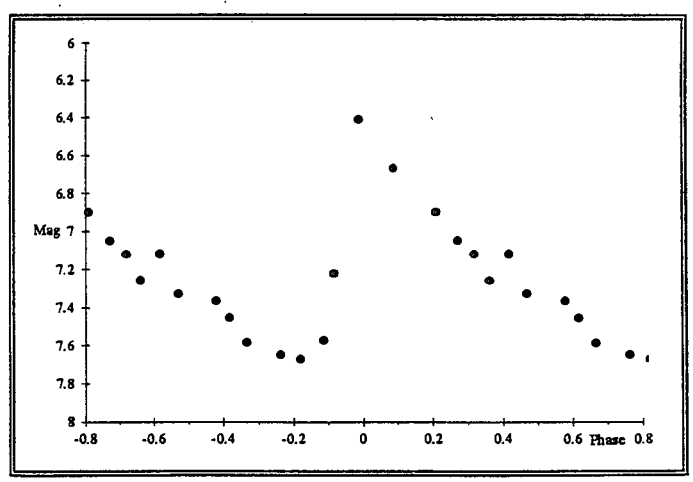
Observer: VANDENBROERE Jacqueline (VBR)
Estimates: 38 from Sep 1988 to Nov 1989 Instrument: Bin 7 x 42
Personal sequence: B=6.30, C=7.05, D=7.74 Degree=0.08 mag

Nr	Phase	Mag	Nr	Phase	Mag
0	-	-	0	-	-
4	0.087	6.66	3	0.579	7.36
0	-	-	3	0.616	7.45
0	-	-	3	0.666	7.58
1	0.208	6.90	0	-	-
2	0.271	7.05	3	0.761	7.64
2	0.318	7.11	2	0.819	7.67
1	0.361	7.25	3	0.887	7.57
4	0.417	7.11	2	0.916	7.22
3	0.467	7.32	2	0.986	6.41

Table of mean values



Raw light curve



Mean light curve

Phase MIN = 0.76 ± 0.03
Phase MAX = -0.01 ± 0.04
M-m = 0.23 ± 0.07

Mag MIN = 7.7
Mag MAX = 6.4
Amplitude = 1.3

Mean MAX (JD) = 47632.7 ± 2

O-C (GCVS 85) = -0.4 ± 2 d

Note: the phase of minimum of the mean light curve have been calculated by SOP program. The phase of maximum was calculated by Pogson's method because SOP program gave a value of 0.06 ± 0.04.

Davide DALMAZIO (DDL)

CEPHEIDS OBSERVATION
(light curve nr 23/97)

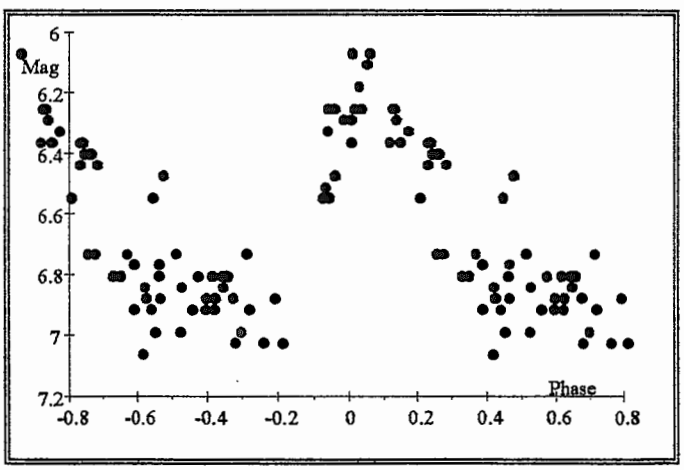
SU Cyg

GCVS 1985 data: Max = 43301.778 + 3.8455473 * E
Type: DCEP M-m = 0.37 Range: 6.44 - 7.22 V Spect: F2-G0I-II+B7V

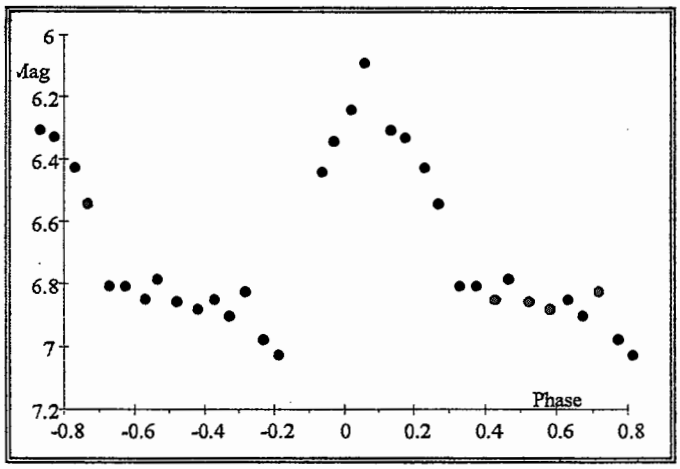
Observer: VANDENBROERE Jacqueline (VBR)
Estimates: 73 from Jul to Dec 1988 Instrument: Bin 7 x 42 Chart GEOS C93
Personal sequence: B=6.00, C=6.37, D=6.73, E=7.10 Degree=0.04 mag

Nr	Phase	Mag	Nr	Phase	Mag
7	0.020	6.24	3	0.522	6.85
2	0.057	6.09	4	0.582	6.87
5	0.133	6.30	5	0.631	6.85
2	0.173	6.33	5	0.673	6.90
5	0.230	6.42	2	0.717	6.82
5	0.268	6.54	3	0.772	6.97
1	0.330	6.80	1	0.813	7.02
4	0.375	6.80	0	-	-
5	0.431	6.85	5	0.937	6.44
5	0.465	6.78	3	0.969	6.34

Table of mean values



Raw light curve



Mean light curve

Phase MIN = 0.75 ± 0.06
Phase MAX = 0.08 ± 0.03
M-m = 0.33 ± 0.9

Mag MIN = 7.0
Mag MAX = 6.1
Amplitude = 0.9

Mean MAX (JD) = 47432.20 ± 0.11

O-C (GCVS 85) = 0.31 ± 0.11 d

Note: phases of maximum and minimum of the mean light curve have been calculated by SOP program.

Davide DALMAZIO (DDL)

CEPHEIDS OBSERVATION
(light curve nr 24/97)

SZ Tau

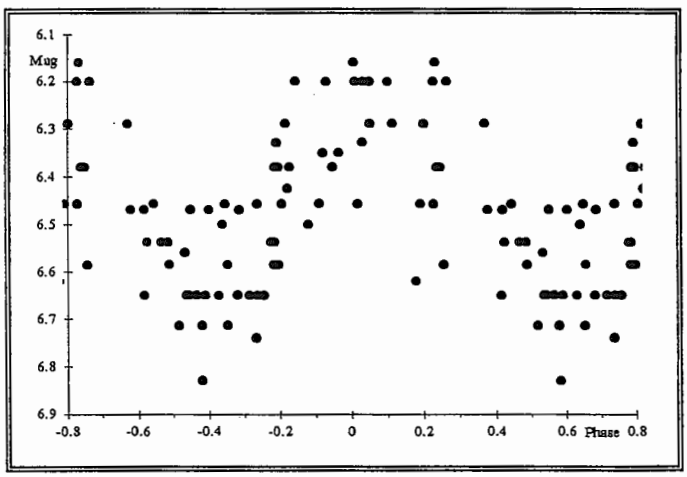
26 DIC. 1997

GCVS 1985 data: Max = 34628.57 + 3.14873 * E
Type: DCEPS M-m = 0.45 Range: 6.33-6.75 V Spect: F5IB-F9.5IB

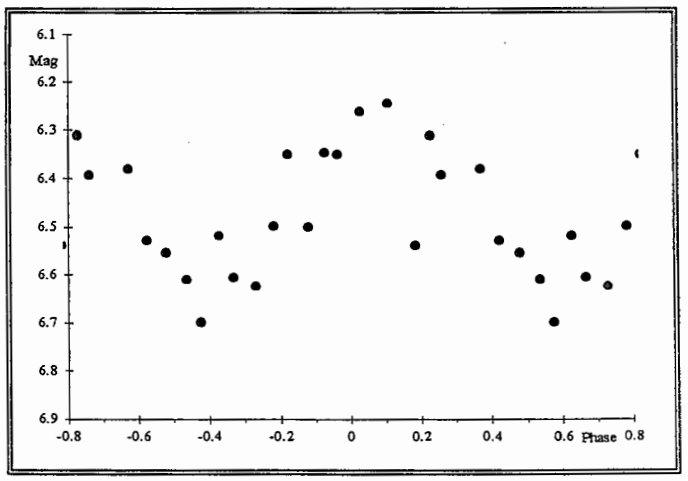
Observer: VANDENBROERE Jacqueline (VBR)
Estimates: 69 from Oct 1988 to Nov 1989 Instrument: Bin 42 x 7 Chart GEOS C15
Comparison stars: E=6.2, F=7.1 Degree= 0.06 mag.

Nr	Phase	Mag	Nr	Phase	Mag
7	0.028	6.26	5	0.536	6.60
0	-	-	5	0.577	6.69
2	0.107	6.24	4	0.629	6.51
2	0.183	6.53	4	0.668	6.60
6	0.228	6.31	4	0.730	6.62
2	0.259	6.39	8	0.784	6.49
0	-	-	5	0.823	6.35
2	0.373	6.38	1	0.880	6.50
3	0.425	6.52	4	0.927	6.34
3	0.480	6.55	1	0.964	6.35

Table of mean values



Raw light curve



Mean light curve

Phase MIN = 0.60 ± 0.01 Mag MIN = 6.7
Phase MAX = 0.03 ± 0.05 Mag MAX = 6.2
M-m = 0.43 ± 0.06 Amplitude = 0.5

Mean MAX (JD) = 47648.66 ± 0.16

O-C (GCVS 85) = 0.09 ± 0.16

Note: phases of maximum and minimum of the mean light curve have been calculated by SOP program.

Davide DALMAZIO (DDL)

CEPHEIDS OBSERVATION
(light curve nr 25/97)

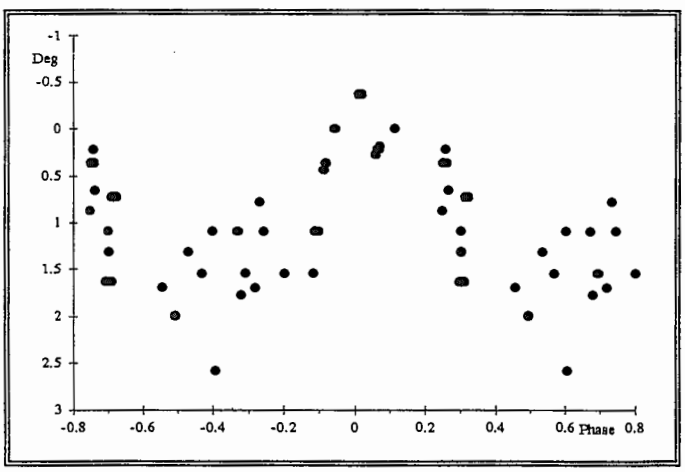
DG Vul

GCVS 1985 data: Max = 28427.344 + 13.60831 * E
Type: CEP M-m = 0.35 Range: 10.73 - 11.87 V Spect: -

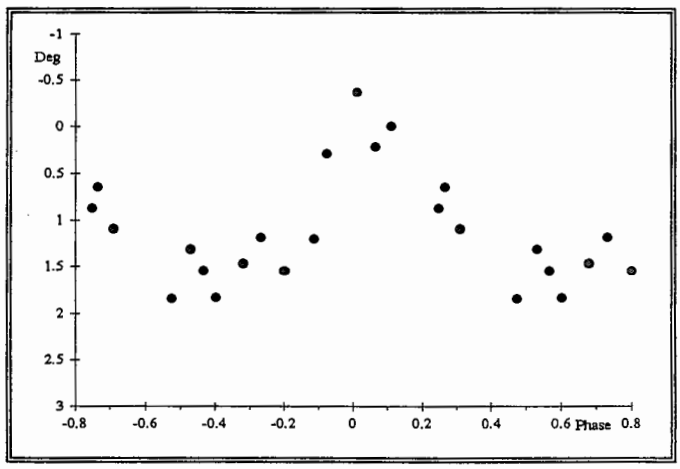
Observer: VANDENBROERE Jacqueline (VBR)
Estimates: 40 from Jul to Sep 1991 Instrument: Tel 200 x 46
Personal sequence: L=0, A=1.09, B=2.0, C=2.89 degrees

Nr	Phase	Deg	Nr	Phase	Deg
3	0.014	-0.36	1	0.532	1.32
4	0.065	0.22	1	0.568	1.54
1	0.113	0.00	2	0.604	1.83
0	-	-	3	0.682	1.47
1	0.248	0.87	3	0.733	1.19
5	0.266	0.64	0	-	-
5	0.310	1.10	1	0.802	1.54
0	-	-	4	0.890	1.20
0	-	-	4	0.925	0.29
2	0.476	1.84	0	-	-

Table of mean values



Raw light curve



Mean light curve

Phase MIN = 0.55 ± 0.05
Phase MAX = 0.06 ± 0.10
M-m = 0.51 ± 0.15

Mean MAX (JD) = 48473.20 ± 1.4

O-C (GCVS 85) = 0.8 ± 1.4 d

Note: phases of maximum and minimum of the mean light curve have been calculated by SOP program.

Davide DALMAZIO (DDL)