

CEPHEIDS OBSERVATION  
(light curve nr 29/98)

FEVRIER 1998

**FF Aql**

GCVS 1985 data: Max = 41576.428 + 4.470916 \* E

Type: DCEPS

M-m = 0.48

Range: 5.18 - 5.68 V

Spect: F5IA-F8IA

Observer: DUMONT Michel (DMT)

Estimates: 105 from Apr to Dec 1989

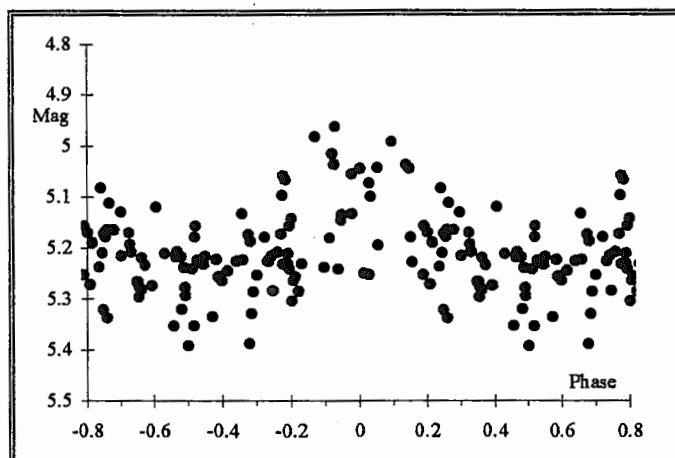
Instrument: J 50

Chart GEOS C71

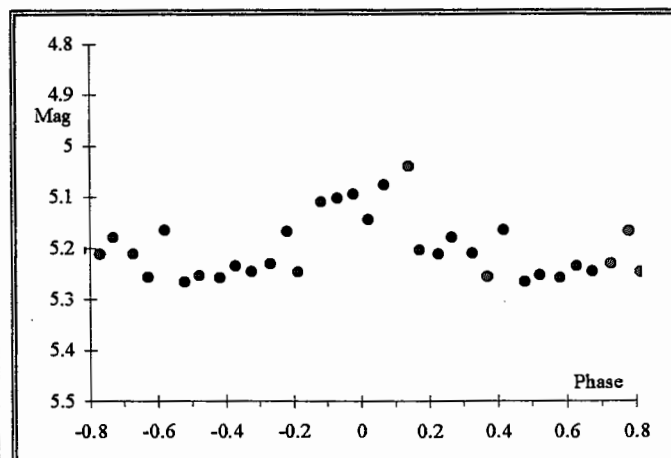
Personal sequence: 111 Her=4.37, C=5.69

Nr	Phase	Mag	Nr	Phase	Mag
5	0.021	5.14	7	0.521	5.25
3	0.069	5.07	6	0.581	5.25
2	0.143	5.04	2	0.629	5.23
4	0.172	5.20	7	0.676	5.24
7	0.228	5.21	6	0.730	5.23
5	0.267	5.18	10	0.781	5.16
5	0.327	5.21	6	0.812	5.24
5	0.370	5.25	2	0.883	5.11
2	0.419	5.16	6	0.932	5.10
8	0.479	5.26	2	0.978	5.09

Table of mean values



Raw light curve



Mean light curve

Phase MIN =  $0.58 \pm 0.04$ Phase MAX =  $0.03 \pm 0.02$ M-m =  $0.45 \pm 0.06$ Mean MAX (JD) =  $47755.37 \pm 0.09$ O-C (GCVS 85) =  $0.13 \pm 0.09$  d

Note: phases of extremum points on mean light curve have been calculated by SOP program.

Davide DALMAZIO (DDL)

CEPHEIDS OBSERVATION  
(light curve nr 30/98)

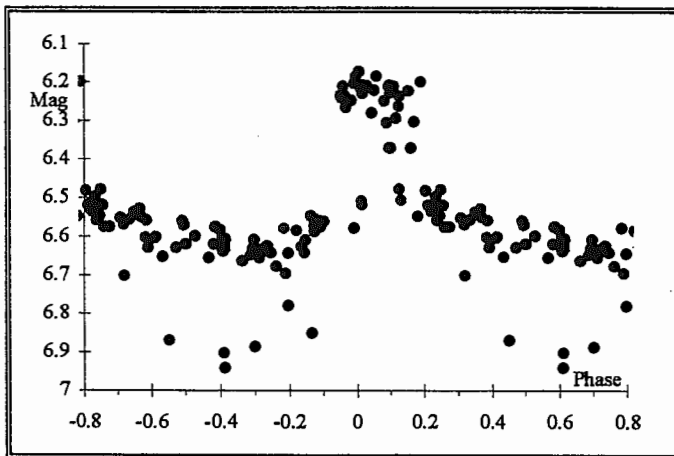
# SU Cyg

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

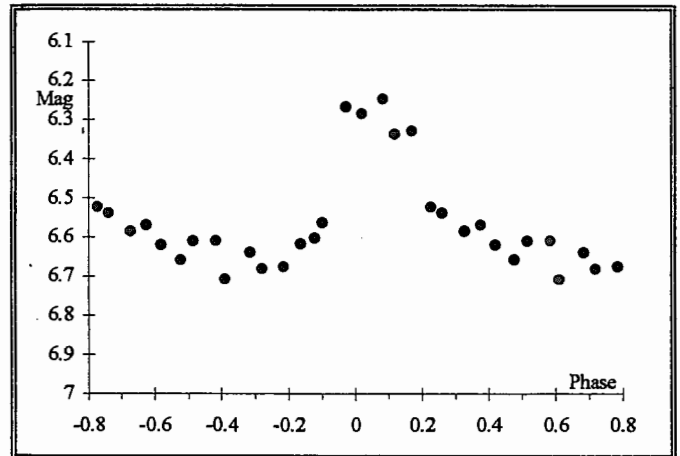
Observer: DUMONT Michel (DMT)  
 Estimates: 107 from Mar to Dec 1989 Instrument: J 50 Chart GEOS C93  
 Personal sequence: B=6.00, C=6.37, D=6.78, E=7.10

Nr	Phase	Mag	Nr	Phase	Mag
9	0.020	6.28	2	0.514	6.61
8	0.083	6.24	4	0.584	6.60
7	0.119	6.33	7	0.611	6.70
5	0.171	6.32	4	0.686	6.63
7	0.227	6.52	6	0.720	6.68
4	0.261	6.53	5	0.785	6.67
5	0.326	6.58	4	0.836	6.61
6	0.374	6.56	8	0.878	6.60
3	0.420	6.62	1	0.901	6.56
4	0.478	6.65	9	0.973	6.26

Table of mean values



Raw light curve



Mean light curve

Phase MIN =  $0.71 \pm 0.08$   
 Phase MAX =  $0.05 \pm 0.07$   
 M-m =  $0.34 \pm 0.15$

Mag MIN = 6.7  
 Mag MAX = 6.2  
 Amplitude = 0.5

Mean MAX (JD) =  $47747.42 \pm 0.27$

O-C (GCVS 85) =  $0.19 \pm 0.27$  d

Note: phases of extremum points on mean light curve have been calculated by SOP program.

**Davide DALMAZIO (DDL)**

CEPHEIDS OBSERVATION  
(light curve nr 31/98)

# SU Cas

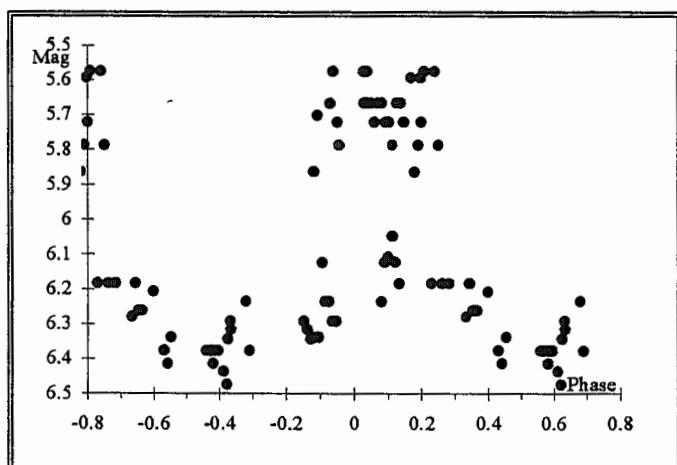
20 MAR. 1998

GCVS 1985 data: Max = 38000.598 + 1.949319 \* E  
 Type: DCEPS M-m = 0.40 Range: 5.70 - 6.18 V Spect: F5IB-II-F7IB-II

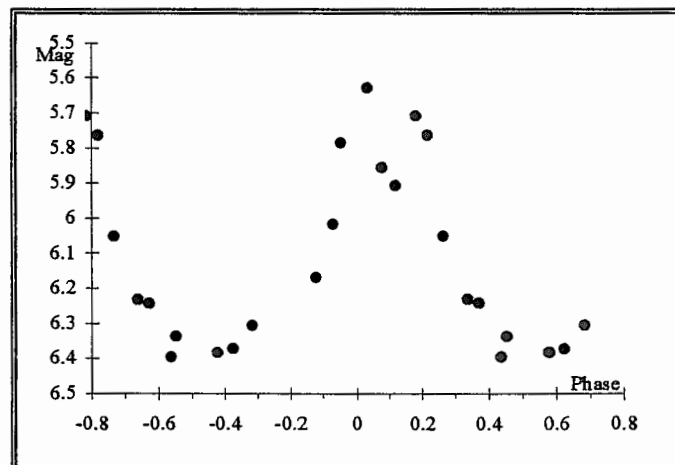
Observer: DALMAZIO Davide (DDL)  
 Estimates: 68 from Ago to Oct 1989 Instrument: Bin 16 x 50 Chart GEOS C15 (modified)  
 Personal sequence: L=4.95, A=5.95, B=6.80 Degree=0.15 mag

Nr	Phase	Mag	Nr	Phase	Mag
5	0.036	5.63	0	-	-
6	0.078	5.85	5	0.578	6.38
10	0.121	5.90	5	0.624	6.37
4	0.183	5.70	2	0.684	6.30
4	0.219	5.76	0	-	-
3	0.265	6.05	0	-	-
2	0.338	6.23	0	-	-
3	0.372	6.24	7	0.877	6.17
2	0.437	6.39	8	0.930	6.01
1	0.453	6.33	1	0.956	5.78

Table of mean values



Raw light curve



Mean light curve

Phase MIN =  $0.55 \pm 0.04$   
 Phase MAX =  $0.07 \pm 0.03$   
 M-m =  $0.52 \pm 0.07$

Mag MIN = 6.4  
 Mag MAX = 5.6  
 Amplitude = 0.8

Mean MAX (JD) =  $47784.37 \pm 0.06$

O-C (GCVS 85) =  $0.14 \pm 0.06$  d

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

**Davide DALMAZIO (DDL)**