

CEPHEIDS OBSERVATION  
(light curve nr 07/97)

25 JUL. 1997

# U Aql

GCVS 1985 data: Max = 34922.31 + 7.02393 \* E

Type: DCEP

M-m = 0.30

Range: 6.08 - 6.86 V

Spect: F5I-II-G1

Observer: DUMONT Michel (DMT)

Estimates: 102 from Jun 1982 to Aug 1984

Instrument: J 50 x 10

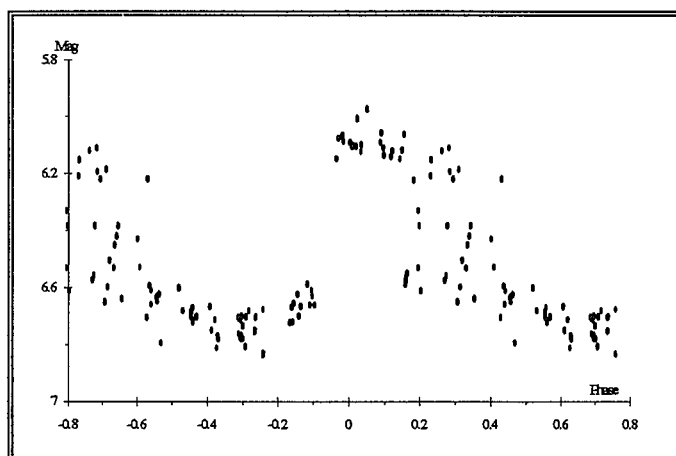
Chart GEOS C66

Personal sequence: A=5.50, B=6.38, C=7.00, D=7.62

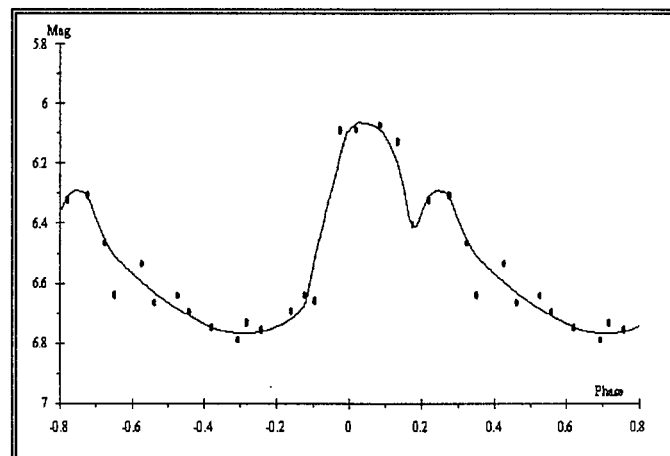
Degree: 0.09 mag

Nr	Phase	Mag	Nr	Phase	Mag
7	0.020	6.09	2	0.525	6.64
5	0.085	6.07	5	0.559	6.69
4	0.133	6.13	6	0.621	6.74
8	0.176	6.40	8	0.694	6.78
3	0.221	6.32	8	0.718	6.73
7	0.277	6.30	2	0.758	6.75
8	0.324	6.46	4	0.840	6.69
1	0.353	6.64	7	0.878	6.64
7	0.426	6.53	1	0.904	6.66
5	0.461	6.66	4	0.975	6.09

Table of mean values



Raw light curve



Mean light curve

Phase MIN =  $0.69 \pm 0.05$ 

Mag MIN = 6.8

Phase MAX =  $0.06 \pm 0.02$ 

Mag MAX = 6.1

M-m =  $0.37 \pm 0.07$ 

Amplitude = 0.7

Mean MAX (JD) =  $45528.87 \pm 0.14$ O-C (GCVS 85) =  $0.42 \pm 0.14$  d

Note: phases of extremum points on mean light curve have been calculated by SOP program. In order to obtain a light curve covered on the whole period, data of 3 years observations have been collected and treated.

DDL