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**PHOTOELECTRIC MINIMA OF SELECTED ECLIPSING BINARIES  
AND MAXIMA OF PULSATING STARS**

(BAV MITTEILUNGEN NO. 172)

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In this 52nd compilation of BAV results, photoelectric observations obtained in the years 2003 till 2004 are presented on 486 variable stars giving 1046 minima and maxima. All moments of minima and maxima are heliocentric. The errors are tabulated in column ‘±’. The values in column ‘ $O - C$ ’ are determined without incorporation of non-linear terms. The references are given in the section ‘Remarks’. All information about photometers and filters are specified in the column ‘Rem’. The observations were made at private observatories. The photoelectric measurements and all the light curves with evaluations can be obtained from the office of the BAV for inspection.

**Table 1: Eclipsing binaries**

| Variable | Min JD 24. .. | ±     | Obs     | $O - C$ |   | Fil     | Rem    |
|----------|---------------|-------|---------|---------|---|---------|--------|
| RT And   | 52950.6630    | .0013 | SCI     | -0.0066 |   | GCVS 85 | 3)     |
|          | 52983.366 :   | .000  | JU      | -0.008  |   | GCVS 85 | 3)     |
| WZ And   | 52913.4568    | .0001 | MS FR   | +0.0294 |   | GCVS 85 | 7)     |
| XZ And   | 52940.2820    | .0005 | SCI     | +0.1353 |   | GCVS 85 | 3)     |
| AB And   | 52898.4941    | .0035 | PC      | -0.0155 | s | GCVS 85 | -Ir 8) |
|          | 52930.3574    | .0008 | SCI     | -0.0139 | s | GCVS 85 | 3)     |
|          | 52930.5216    | .0012 | SCI     | -0.0156 |   | GCVS 85 | 3)     |
|          | 52930.6922    | .0015 | SCI     | -0.0110 | s | GCVS 85 | 3)     |
|          | 52981.3029    | .0020 | PC      | -0.0138 |   | GCVS 85 | -Ir 8) |
|          | 52982.2978    | .0014 | PC      | -0.0146 |   | GCVS 85 | -Ir 8) |
|          | 52983.2957    | .0032 | PC      | -0.0124 |   | GCVS 85 | -Ir 8) |
| AD And   | 52587.4894    | .0004 | RAT RCR | +0.1907 |   | GCVS 85 | -Ir 1) |
|          | 52930.4716    | .0005 | RAT RCR | -0.0233 |   | GCVS 85 | -Ir 1) |
| BL And   | 52856.5122    | .0002 | RAT RCR | -0.0026 |   | GCVS 85 | -Ir 1) |
|          | 52953.3112    | .0005 | MS FR   | -0.0020 |   | GCVS 85 | 7)     |
| EP And   | 52886.5523    | .0003 | RAT RCR | +0.0649 | s | GCVS 85 | -Ir 1) |
| GZ And   | 52896.4900    | .0004 | RAT RCR | -0.0019 | s | GCVS 85 | -Ir 1) |
| HS And   | 52931.3726    | .0005 | MS FR   |         |   |         | 7)     |
| DD Aqr   | 52902.3099    | .0002 | AG      | -0.1555 |   | GCVS 85 | 1)     |
| GV Aqr   | 52908.3139    | .0019 | AG      |         |   |         | 1)     |
|          | 52908.4875    | .0009 | AG      |         |   |         | 1)     |
|          | 52930.3761    | .0019 | AG      |         |   |         | 1)     |
| GZ Aqr   | 52907.3462    | .0007 | AG      |         |   |         | 1)     |
|          | 52908.4174    | .0012 | AG      |         |   |         | 1)     |

Table 1: Eclipsing binaries (cont.)

| Variable  | Min JD 24. . . | $\pm$ | Obs     | $O - C$ |                    | Fil | Rem |
|-----------|----------------|-------|---------|---------|--------------------|-----|-----|
| GZ Aqr    | 52912.3423     | .0007 | AG      |         |                    |     | 1)  |
|           | 52930.3613     | .0003 | AG      |         |                    |     | 1)  |
| OO Aql    | 52813.4599     | .0002 | QU      | +0.0245 | GCVS 85            | V   | 4)  |
|           | 52815.4857     |       | SE      | +0.0231 | GCVS 85            | -Ir | 17) |
| V346 Aql  | 52913.4095     | .0002 | QU      | -0.0100 | GCVS 85            | V   | 4)  |
| V415 Aql  | 52800.5152     | .0004 | RAT RCR | +0.0012 | BAVM 69            | -Ir | 1)  |
|           | 52874.3986     | .0025 | AG      | +0.0022 | BAVM 69            | -Ir | 1)  |
| V956 Aql  | 52855.4550     | .0005 | FR      |         |                    |     | 13) |
| V1353 Aql | 52835.5561     | .0042 | AG      | +0.0120 | BAV Rbf. 44, 62    |     | 1)  |
|           | 52874.4637     | .0026 | AG      | +0.0126 | s BAV Rbf. 44, 62  | -Ir | 1)  |
|           | 52913.3706     | .0014 | JU      | +0.0125 | BAV Rbf. 44, 62    |     | 3)  |
| V1355 Aql | 52835.4089     | .0003 | AG      |         |                    |     | 1)  |
| V1490 Aql | 52856.4380     | .0010 | QU      |         |                    | V   | 4)  |
| V1542 Aql | 52816.5262     | .0028 | SCI     | +0.0017 | IBVS 5161 BAVM 138 |     | 3)  |
|           | 52834.4814     | .0003 | QU      | +0.0028 | IBVS 5161 BAVM 138 | V   | 4)  |
| SS Ari    | 52908.5026     | .0002 | RAT RCR | -0.0016 | GCVS 85            | -Ir | 1)  |
|           | 52992.3382     | .0010 | JU      | -0.0037 | s GCVS 85          |     | 3)  |
|           | 53003.2999     | .0006 | JU      | -0.0038 | s GCVS 85          |     | 3)  |
| AP Aur    | 52745.4319     | .0007 | RAT RCR | +0.0374 | IBVS 3942 BAVM 67  | -Ir | 1)  |
| BC Aur    | 52940.4962     | .0041 | FR      | -0.6391 | s GCVS 85          |     | 13) |
| CG Aur    | 50014.6062     | .0011 | MS      | -0.0018 | GCVS 85            |     | 1)  |
|           | 50016.4104     | .0012 | MS      | -0.0025 | GCVS 85            |     | 1)  |
| DO Aur    | 52912.4261     | .0009 | FR      |         |                    |     | 13) |
|           | 52963.3054     | .0031 | FR      |         |                    |     | 13) |
| EM Aur    | 52912.4984     | .0017 | FR      | +0.0294 | SAC 73             |     | 13) |
|           | 52983.5659     | .0045 | SCI     | +0.0417 | SAC 73             |     | 3)  |
| EP Aur    | 52717.4002     | .0001 | RAT RCR | +0.0077 | GCVS 85            | -Ir | 1)  |
|           | 52746.3607     | .0002 | RAT RCR | +0.0088 | GCVS 85            | -Ir | 1)  |
|           | 52948.4799     | .0006 | AG      | +0.0033 | GCVS 85            |     | 1)  |
|           | 53082.3552     | .0028 | AG      | +0.0153 | s GCVS 85          | -Ir | 1)  |
| FO Aur    | 52947.2994     | .0011 | AG      | +0.0097 | GCVS 85            |     | 1)  |
|           | 52947.6103     | .0061 | AG      | +0.0156 | s GCVS 85          |     | 1)  |
| FP Aur    | 52947.3694     | .0009 | AG      | -0.0663 | GCVS 85            |     | 1)  |
| FR Aur    | 52940.4847     | .0009 | FR      | +0.9209 | GCVS 85            |     | 13) |
| GX Aur    | 52681.5239     | .0004 | RAT RCR | +0.0054 | BAVM 69            | -Ir | 1)  |
|           | 52684.3908     | .0007 | RAT RCR | +0.0142 | s BAVM 69          | -Ir | 1)  |
| HL Aur    | 52680.4959     | .0001 | RAT RCR | -0.0060 | GCVS 85            | -Ir | 1)  |
| IU Aur    | 52689.312 :    | .001  | FR      | -0.007  | s GCVS 85          |     | 13) |
| IZ Aur    | 52953.4892     | .0013 | MS FR   |         |                    |     | 7)  |
| KU Aur    | 52691.4194     | .0001 | RAT RCR | +0.0227 | GCVS 85            | -Ir | 1)  |
|           | 52992.2833     | .0016 | SCI     | +0.0231 | GCVS 85            |     | 3)  |
| MT Aur    | 52948.5892     | .0006 | AG      |         |                    |     | 1)  |
| V426 Aur  | 52925.5394     | .0005 | FR      |         |                    |     | 13) |
| V523 Aur  | 53097.4809     | .0010 | AG      |         |                    | -Ir | 1)  |
|           | 53098.3096     |       | AG      |         |                    | -Ir | 1)  |
| TU Boo    | 52792.5026     | .0002 | RAT RCR | +0.0568 | GCVS 85            | -Ir | 1)  |
|           | 53076.5738     | .0015 | AG      | +0.0528 | GCVS 85            | -Ir | 1)  |
| TY Boo    | 52729.5031     | .0001 | RAT RCR | -0.0104 | BAVM 68            | -Ir | 1)  |
|           | 52784.5279     | .0005 | AG      | -0.0112 | s BAVM 68          |     | 1)  |
|           | 52791.5047     | .0002 | RAT RCR | -0.0117 | s BAVM 68          | -Ir | 1)  |
|           | 52793.4077     | .0014 | AG      | -0.0116 | s BAVM 68          |     | 1)  |
|           | 52794.5218     | .0031 | PC      | -0.0076 | BAVM 68            | -Ir | 8)  |
|           | 52820.5263     | .0002 | AG      | -0.0094 | BAVM 68            |     | 1)  |
|           | 52827.5030     | .0005 | AG      | -0.0100 | BAVM 68            |     | 1)  |
|           | 52834.4799     | .0005 | AG      | -0.0105 | BAVM 68            |     | 1)  |
|           | 52854.4601     | .0002 | AG      | -0.0108 | BAVM 68            |     | 1)  |
|           | 52858.4249     | .0002 | AG      | -0.0103 | s BAVM 68          |     | 1)  |
|           | 53069.6471     | .0021 | PC      | -0.0106 | s BAVM 68          | -Ir | 8)  |
|           | 53097.3960     | .0007 | AG      | -0.0123 | BAVM 68            |     | 1)  |
|           | 53097.5538     | .0007 | AG      | -0.0131 | s BAVM 68          |     | 1)  |

Table 1: Eclipsing binaries (cont.)

| Variable         | Min JD 24. . . | $\pm$ | Obs     | $O - C$ |                      | File | Rem |
|------------------|----------------|-------|---------|---------|----------------------|------|-----|
| TY Boo           | 53106.5933     | .0017 | PC      | -0.0124 | BAVM 68              | -Ir  | 8)  |
|                  | 53143.3821     | .0001 | WTR     | -0.0131 | BAVM 68              |      | 15) |
| TZ Boo           | 51920.7205     | .0044 | HSR PC  | +0.0643 | BAVM 68              |      | 11) |
|                  | 52715.4803     | .0004 | RAT RCR | -0.0699 | BAVM 68              | -Ir  | 1)  |
|                  | 52719.4947     | .0006 | MS FR   | -0.0672 | s BAVM 68            |      | 7)  |
|                  | 52784.4222     | .0005 | AG      | -0.0684 | BAVM 68              |      | 1)  |
|                  | 52793.4857     | .0015 | AG      | -0.0682 | s BAVM 68            |      | 1)  |
|                  | 52834.4928     | .0006 | AG      | -0.0687 | s BAVM 68            |      | 1)  |
|                  | 52858.4154     | .0006 | AG      | -0.0672 | BAVM 68              |      | 1)  |
|                  | 53096.584 :    | .002  | PC      | -0.070  | s BAVM 68            | -Ir  | 8)  |
|                  | 53097.3231     | .0014 | AG      | -0.0734 | BAVM 68              |      | 1)  |
| 53111.5958       | .0056          | PC    | -0.0643 | BAVM 68 | -Ir                  | 8)   |     |
| UW Boo           | 52794.4234     | .0003 | RAT RCR | -0.0040 | GCVS 85              | -Ir  | 1)  |
| VW Boo           | 52696.4933     | .0006 | RAT RCR | -0.0358 | BAV Rbf. 32,122ff    | -Ir  | 1)  |
| XY Boo           | 52685.5740     | .0003 | RAT RCR | +0.0002 | GCVS 85              | -Ir  | 1)  |
|                  | 53106.5478     | .0026 | PC      | +0.0331 | GCVS 85              | -Ir  | 8)  |
| AC Boo           | 52793.5425     | .0002 | RAT RCR | +0.0476 | s GCVS 85            | -Ir  | 1)  |
|                  | 53110.567 :    | .002  | PC      | +0.062  | GCVS 85              | -Ir  | 8)  |
| CV Boo           | 52767.3640     | .0007 | JU      | -0.0105 | BAV Rbf. 49,117      |      | 3)  |
|                  | 52858.4159     | .0003 | QU      | -0.0104 | s BAV Rbf. 49,117    | V    | 4)  |
|                  | 53143.4277     | .0002 | QU      | -0.0119 | BAV Rbf. 49,117      | V    | 4)  |
| EW Boo           | 53097.5119     | .0012 | AG      |         |                      |      | 1)  |
| GN Boo           | 52689.4974     | .0002 | MS FR   |         |                      |      | 7)  |
| SV Cam           | 52747.4244     | .0008 | JU      | +0.0447 | GCVS 85              |      | 3)  |
|                  | 52928.3103     | .0003 | BRN STK | +0.0443 | GCVS 85              | V    | 4)  |
|                  | 53056.4147     |       | PTT     | +0.0456 | GCVS 85              | -Ir  | 9)  |
|                  | 53094.3773     | .0053 | PC      | +0.0517 | GCVS 85              | -Ir  | 8)  |
| AY Cam           | 53090.4278     | .0062 | PC      | +0.0058 | GCVS 85              | -Ir  | 8)  |
| AZ Cam           | 53106.3633     | .0062 | PC      | +0.0291 | GCVS 85              | -Ir  | 8)  |
| TX Cnc           | 52685.3588     | .0009 | RAT RCR | +0.0330 | GCVS 85              | -Ir  | 1)  |
| WW Cnc           | 52712.4806     | .0001 | RAT RCR | -0.0561 | BAV Rbf. 32, 36ff    | -Ir  | 1)  |
|                  | 53106.4148     | .0024 | PC      | -0.0561 | BAV Rbf. 32, 36ff    | -Ir  | 8)  |
| WX Cnc           | 52681.3449     | .0002 | RAT RCR | +0.0046 | GCVS 85              | -Ir  | 1)  |
| WY Cnc           | 52696.5140     | .0008 | ATB     | -0.0229 | GCVS 85              |      | 1)  |
|                  | 53110.3665     | .0026 | PC      | -0.0267 | GCVS 85              | -Ir  | 8)  |
|                  | 53082.4426     | .0002 | FR      | -0.1251 | s IBVS 3859 BAVM 65  | -Ir  | 13) |
| GSC1927.862 Cnc  | 52706.4480     | .0006 | FR      |         |                      |      | 13) |
|                  | 52730.3233     | .0010 | FR      |         |                      |      | 13) |
|                  | 52753.3850     | .0019 | FR      |         |                      |      | 13) |
|                  | 53081.5351     | .0050 | AG      | -0.4210 | GCVS 85              | -Ir  | 1)  |
| YZ CVn           | 53095.4304     | .0004 | AG      | -0.0051 | GCVS 85              | -Ir  | 1)  |
|                  | 52721.4044     | .0004 | RAT RCR |         |                      | -Ir  | 1)  |
| BI CVn           | 52741.3882     | .0004 | RAT RCR |         |                      | -Ir  | 1)  |
|                  | 52693.5265     | .0002 | RAT RCR | +0.0722 | GCVS 85              | -Ir  | 1)  |
| DF CVn           | 53080.6175     | .0006 | AG      | -0.0701 | GCVS 85              | -Ir  | 1)  |
|                  | 53080.4498     | .0005 | AG      |         |                      | -Ir  | 1)  |
|                  | 53080.6155     | .0009 | AG      |         |                      | -Ir  | 1)  |
| AG CMi           | 52692.3056     | .0001 | MS FR   | -0.0899 | GCVS 85              |      | 7)  |
| GSV5749.1622 Cap | 52908.3368     | .0030 | FR      |         |                      |      | 13) |
|                  | 52909.3842     | .0005 | FR      |         |                      |      | 13) |
| TV Cas           | 52813.4952     | .0021 | SCI     | -0.0163 | GCVS 85              |      | 3)  |
| TW Cas           | 52619.3918     | .0007 | PRK     | -0.0145 | GCVS 85              |      | 1)  |
| AB Cas           | 52956.5250     |       | BRN STK | +0.0769 | GCVS 85              | V    | 4)  |
| AL Cas           | 51834.5131     | .0015 | HSR     | -0.0080 | GCVS 85              |      | 11) |
|                  | 51835.5135     | .0032 | HSR     | -0.0087 | GCVS 85              |      | 11) |
| BH Cas           | 52856.4966     | .0006 | AG      |         |                      | -Ir  | 1)  |
|                  | 52983.3429     | .0005 | AG      |         |                      | -Ir  | 1)  |
|                  | 52983.5446     | .0004 | AG      |         |                      | -Ir  | 1)  |
| BS Cas           | 49528.4367     | .0005 | MS      | +0.0016 | IBVS 4778 BAVM 123   |      | 1)  |
|                  | 49563.4562     | .0008 | MS      | +0.0038 | s IBVS 4778 BAVM 123 |      | 1)  |

Table 1: Eclipsing binaries (cont.)

| Variable   | Min JD 24. . . | $\pm$      | Obs     | $O - C$ |                      | File                 | Rem |     |
|------------|----------------|------------|---------|---------|----------------------|----------------------|-----|-----|
| BS Cas     | 49565.4372     | .0010      | MS      | +0.0027 | IBVS 4778 BAVM 123   |                      | 1)  |     |
|            | 49568.5209     | .0002      | MS      | +0.0031 | IBVS 4778 BAVM 123   |                      | 1)  |     |
|            | 49569.4014     | .0001      | MS      | +0.0026 | IBVS 4778 BAVM 123   |                      | 1)  |     |
|            | 49574.4659     | .0003      | MS      | +0.0017 | s IBVS 4778 BAVM 123 |                      | 1)  |     |
|            | 49578.4300     | .0002      | MS      | +0.0016 | s IBVS 4778 BAVM 123 |                      | 1)  |     |
|            | 50440.2095     | .0031      | MS      | +0.0018 | IBVS 4778 BAVM 123   |                      | 1)  |     |
|            | 50676.5214     | .0007      | MS      | +0.0016 | s IBVS 4778 BAVM 123 |                      | 1)  |     |
|            | 51487.4219     | .0001      | RAT RCR | -0.0030 | s IBVS 4778 BAVM 123 |                      | 1)  |     |
|            | 51510.3250     | .0005      | HSR     | -0.0044 | s IBVS 4778 BAVM 123 |                      | 3)  |     |
|            | 51834.5095     | .0026      | HSR     | -0.0057 | s IBVS 4778 BAVM 123 |                      | 11) |     |
|            | 52188.4256     | .0002      | MS FR   | -0.0072 | IBVS 4778 BAVM 123   |                      | 7)  |     |
|            | EG Cas         | 49571.5326 | .0008   | MS      | -0.1064              | GCVS 85              |     | 1)  |
|            |                | 50706.3751 | .0042   | MS      | -0.1247              | GCVS 85              |     | 1)  |
| 51471.2945 |                | .0020      | HSR     | -0.1357 | GCVS 85              |                      | 3)  |     |
| 51834.4919 |                | .0003      | RAT RCR | -0.1427 | GCVS 85              |                      | 1)  |     |
| EN Cas     | 52954.3547     | .0010      | MS FR   | +0.2684 | GCVS 85              |                      | 7)  |     |
| EY Cas     | 52931.5010     | .0007      | AG      | -0.0184 | s GCVS 85            | -Ir                  | 1)  |     |
| GK Cas     | 50113.2673     | .0004      | AG      |         |                      |                      | 1)  |     |
|            | 50319.4502     | .0009      | AG      |         |                      |                      | 1)  |     |
|            | 51768.4715     | .0011      | AG      |         |                      |                      | 1)  |     |
| GU Cas     | 52982.4562     | .0080      | PC      | -0.2885 | GCVS 85              | -Ir                  | 8)  |     |
| IL Cas     | 52874.5225     | .0030      | JU      | -0.0037 | BAV Rbf. 51, 1       |                      | 3)  |     |
|            | 52981.5300     | .0069      | SCI     | +0.0002 | BAV Rbf. 51, 1       |                      | 3)  |     |
| IT Cas     | 52929.4378     | .0053      | PC      | -0.0009 | SAC 69               | -Ir                  | 8)  |     |
| OX Cas     | 52872.4518     | .0023      | JU      | -0.0100 | GCVS 85              |                      | 3)  |     |
|            | 52877.4269     | .0045      | SCI     | -0.0136 | GCVS 85              |                      | 3)  |     |
|            | 53121.3954     | .0049      | SCI     | -0.0007 | GCVS 85              |                      | 3)  |     |
| PV Cas     | 52833.4072     | .0014      | SCI     | +0.0178 | s SAC 73             |                      | 3)  |     |
|            | 52931.4366     | .0016      | JU      | +0.0221 | s SAC 73             |                      | 3)  |     |
| V357 Cas   | 51834.5965     | .0052      | HSR     | -0.0493 | GCVS 85              |                      | 11) |     |
| V360 Cas   | 52956.3211     | .0052      | PC      |         |                      | -Ir                  | 8)  |     |
|            | 52983.3329     | .0005      | QU      |         |                      | V                    | 4)  |     |
| V361 Cas   | 52948.4595     | .0009      | QU      | -0.1853 | GCVS 85              | V                    | 4)  |     |
| V381 Cas   | 52839.5019     | .0013      | JU      | -0.0085 | BAV Rbf. 32, 36ff    |                      | 3)  |     |
| V387 Cas   | 52981.3901     | .0012      | RAT RCR | +0.0498 | GCVS 85              | -Ir                  | 1)  |     |
| V389 Cas   | 52649.4621     | .0006      | RAT RCR | +0.1827 | GCVS 85              | -Ir                  | 1)  |     |
| V459 Cas   | 52929.3766     | .0013      | JU      | -0.0079 | IBVS 4737            |                      | 3)  |     |
| V471 Cas   | 51867.5352     | .0009      | AG      | -0.0766 | GCVS 85              |                      | 1)  |     |
|            | 52135.5612     | .0003      | AG      | -0.0090 | s GCVS 85            |                      | 1)  |     |
|            | 52171.4456     | .0013      | AG      | -0.0764 | s GCVS 85            |                      | 1)  |     |
|            | 52179.4634     | .0004      | AG      | +0.0455 | GCVS 85              |                      | 1)  |     |
|            | 52183.4713     | .0011      | AG      | +0.0214 | GCVS 85              |                      | 1)  |     |
|            | 52193.4961     | .0016      | AG      | -0.0337 | GCVS 85              |                      | 1)  |     |
|            | 52205.3236     | .0006      | AG      | +0.0338 | GCVS 85              |                      | 1)  |     |
|            | 52224.5688     | .0008      | AG      | -0.0409 | s GCVS 85            |                      | 1)  |     |
|            | 52308.3646     | .0007      | AG      | -0.0766 | GCVS 85              | -Ir                  | 1)  |     |
|            | V473 Cas       | 52898.4452 | .0015   | AG      | -0.0107              | s IBVS 4669 BAVM 115 | -Ir | 1)  |
|            | V520 Cas       | 51874.2577 | .0020   | HSR     | -0.1058              | s GCVS 85            |     | 11) |
|            | V523 Cas       | 52854.5350 | .0001   | RAT RCR | +0.0577              | s GCVS 85            | -Ir | 1)  |
|            |                | 52929.3175 | .0002   | RAT RCR | +0.0592              | s GCVS 85            | -Ir | 1)  |
| 52981.3129 |                | .0014      | PC      | +0.0584 | GCVS 85              | -Ir                  | 8)  |     |
| 52982.3666 |                | .0002      | RAT RCR | +0.0605 | s GCVS 85            | -Ir                  | 1)  |     |
| 52984.3520 |                | .0020      | PC      | +0.0596 | GCVS 85              | -Ir                  | 8)  |     |
| 52984.4684 |                | .0015      | PC      | +0.0591 | s GCVS 85            | -Ir                  | 8)  |     |
| V651 Cas   | 52931.5078     | .0008      | AG      | +0.0013 | IBVS 3554 BAVM 55    | -Ir                  | 1)  |     |
| VW Cep     | 52908.3141     |            | SG      | -0.0058 | s GCVS 85            | V                    | 4)  |     |
| WZ Cep     | 52981.2990     | .0038      | PC      | -0.0514 | GCVS 85              | -Ir                  | 8)  |     |
| ZZ Cep     | 52835.4329     | .0004      | QU      | -0.0103 | GCVS 85              | V                    | 4)  |     |
| CW Cep     | 52901.3528     | .0067      | JU      | -1.3630 | GCVS 85              |                      | 3)  |     |
| KP Cep     | 51874.2847     | .0046      | HSR     |         |                      |                      | 11) |     |

Table 1: Eclipsing binaries (cont.)

| Variable | Min JD 24... | $\pm$ | Obs     | $O - C$ |                    | Fil | Rem |
|----------|--------------|-------|---------|---------|--------------------|-----|-----|
| KV Cep   | 52928.5582   | .0005 | AG      |         |                    |     | 1)  |
| MT Cep   | 52928.5168   | .0010 | AG      |         |                    |     | 1)  |
| NR Cep   | 52878.4561   | .0004 | RAT RCR | -0.0368 | GCVS 85            | -Ir | 1)  |
| NW Cep   | 52928.5654   | .0012 | AG      | -0.3999 | GCVS 85            |     | 1)  |
| PX Cep   | 52946.3555   | .0004 | AG      |         |                    |     | 1)  |
| TX Cet   | 53003.2399   | .0008 | RAT RCR | +0.0138 | GCVS 85            | -Ir | 1)  |
| RW Com   | 52694.5256   | .0001 | RAT RCR | -0.0256 | GCVS 85            | -Ir | 1)  |
|          | 53095.4063   | .0059 | AG      | -0.0222 | GCVS 85            |     | 1)  |
|          | 53095.5202   | .0062 | AG      | -0.0269 | s GCVS 85          |     | 1)  |
|          | 53110.3566   | .0002 | WTR     | -0.0247 | GCVS 85            |     | 15) |
|          | 53110.4758   | .0026 | PC      | -0.0241 | s GCVS 85          | -Ir | 8)  |
| RZ Com   | 52684.5105   | .0014 | RAT RCR | +0.0368 | GCVS 85            | -Ir | 1)  |
|          | 52742.3945   | .0002 | RAT RCR | +0.0362 | GCVS 85            | -Ir | 1)  |
|          | 53095.4593   | .0028 | AG      | +0.0392 | GCVS 85            |     | 1)  |
|          | 53096.4738   | .0022 | PC      | +0.0382 | GCVS 85            | -Ir | 8)  |
|          | 53106.4595   | .0022 | PC      | +0.0380 | s GCVS 85          | -Ir | 8)  |
| CC Com   | 53068.5921   | .0018 | PC      | -0.0115 | s GCVS 85          | -Ir | 8)  |
|          | 53093.4195   | .0017 | AG      | -0.0113 | GCVS 85            | -Ir | 1)  |
|          | 53093.5298   | .0011 | AG      | -0.0113 | s GCVS 85          | -Ir | 1)  |
|          | 53122.3280   | .0001 | WTR     | -0.0127 | GCVS 85            |     | 15) |
| EK Com   | 52722.4269   | .0003 | RAT RCR |         |                    | -Ir | 1)  |
|          | 53095.5145   | .0030 | AG      |         |                    |     | 1)  |
| EQ Com   | 52694.5540   | .0024 | MS FR   |         |                    |     | 7)  |
| LL Com   | 53081.5944   | .0013 | AG      |         |                    | -Ir | 1)  |
|          | 53095.4294   | .0009 | AG      |         |                    | -Ir | 1)  |
| LO Com   | 53095.4678   | .0015 | AG      |         |                    |     | 1)  |
|          | 53095.6114   | .0003 | AG      |         |                    |     | 1)  |
| LP Com   | 53095.5201   | .0011 | AG      |         |                    |     | 1)  |
| RT CrB   | 52743.4680   | .0008 | RAT RCR | -0.0293 | GCVS 85            | -Ir | 1)  |
| TW CrB   | 52721.5164   | .0013 | RAT RCR |         |                    | -Ir | 1)  |
|          | 52741.5387   | .0001 | RAT RCR |         |                    | -Ir | 1)  |
| YY CrB   | 52764.5075   | .0023 | AG      |         |                    | -Ir | 1)  |
|          | 52793.5035   | .0021 | AG      |         |                    | -Ir | 1)  |
| SW Cyg   | 52829.4051   | .0116 | AG      | -0.2147 | GCVS 85            | -Ir | 1)  |
| VV Cyg   | 52864.4494   | .0004 | AG      | +0.0035 | GCVS 85            |     | 1)  |
|          | 52867.4027   | .0003 | AG      | +0.0027 | GCVS 85            |     | 1)  |
|          | 52898.4215   | .0004 | AG      | +0.0035 | GCVS 85            |     | 1)  |
|          | 52901.3754   | .0010 | AG      | +0.0033 | GCVS 85            | -Ir | 1)  |
|          | 52912.4503   | .0054 | AG      | -0.7382 | GCVS 85            | -Ir | 1)  |
| ZZ Cyg   | 52829.4133:  | .0043 | AG      | -0.0472 | s GCVS 85          | -Ir | 1)  |
|          | 52834.4524   | .0026 | AG      | -0.0370 | s GCVS 85          | -Ir | 1)  |
|          | 52835.3901   | .0009 | FR      | -0.0422 | GCVS 85            |     | 13) |
|          | 52840.4205   | .0002 | AG      | -0.0407 | GCVS 85            |     | 1)  |
|          | 52867.4493   | .0004 | AG      | -0.0424 | GCVS 85            | -Ir | 1)  |
|          | 52868.3919   | .0020 | AG      | -0.0428 | s GCVS 85          | -Ir | 1)  |
|          | 52946.3360   | .0005 | AG      | -0.0471 | s GCVS 85          | -Ir | 1)  |
| BO Cyg   | 52853.5193   | .0017 | SCI     | +0.0797 | GCVS 85            |     | 3)  |
| BR Cyg   | 53151.4293   | .0001 | QU      | -0.0001 | GCVS 85            | V   | 4)  |
| CG Cyg   | 52930.3272   | .0002 | DIE     | +0.0499 | GCVS 85            |     | 14) |
| CV Cyg   | 52834.5451   | .0069 | SCI     | -0.0096 | s SAC 68           |     | 3)  |
|          | 52871.4353   | .0003 | FR      | +0.0027 | SAC 68             |     | 13) |
| DK Cyg   | 52950.4229   | .0006 | RAT RCR | +0.0355 | s BAV Rbf. 35, 1ff | -Ir | 1)  |
| DX Cyg   | 52877.4371   | .0030 | FR      |         |                    |     | 13) |
| GV Cyg   | 52876.5170   | .0005 | AG      |         |                    | -Ir | 1)  |
| KR Cyg   | 51443.3488   | .0019 | FR      | -0.0011 | s GCVS 85          |     | 12) |
|          | 52815.4619   | .0008 | QU      | +0.0083 | GCVS 85            | V   | 4)  |
|          | 52861.4936   | .0024 | FR      | -0.0208 | s GCVS 85          |     | 13) |
|          | 52864.4790   | .0003 | FR      | +0.0066 | GCVS 85            |     | 13) |
|          | 52955.3517   | .0016 | FR      | +0.0255 | s GCVS 85          |     | 13) |
| LO Cyg   | 52854.4269   | .0011 | AG      |         |                    | -Ir | 1)  |

Table 1: Eclipsing binaries (cont.)

| Variable | Min JD 24. . . | $\pm$ | Obs     | $O - C$ |   | File               | Rem     |
|----------|----------------|-------|---------|---------|---|--------------------|---------|
| V345 Cyg | 52862.4595     | .0020 | FR      | +0.3007 | s | IBVS 5016 BAVM 132 | 13)     |
| V401 Cyg | 52898.3813     | .0004 | PRK     | +0.0470 |   | GCVS 85            | 1)      |
| V454 Cyg | 52794.5151     | .0011 | FR      |         |   |                    | 13)     |
| V456 Cyg | 52835.4255     | .0014 | AG      | +0.0371 | s | GCVS 85            | -Ir 1)  |
|          | 52955.2922     | .0001 | RAT RCR | +0.0384 |   | GCVS 85            | -Ir 1)  |
| V466 Cyg | 52887.4556     | .0002 | PRK     | +0.0059 |   | GCVS 85            | 1)      |
|          | 52901.3703     | .0012 | AG      | +0.0050 |   | GCVS 85            | 1)      |
| V469 Cyg | 52869.4405     | .0060 | FR      |         |   |                    | 13)     |
| V488 Cyg | 52840.4579     | .0007 | FR      | +0.0863 | s | GCVS 85            | 13)     |
|          | 52862.5947     | .0022 | FR      | +0.0828 |   | GCVS 85            | 13)     |
|          | 52875.4811     | .0020 | FR      | +0.0774 |   | GCVS 85            | 13)     |
|          | 52904.3596     | .0004 | PRK     | +0.0895 | s | GCVS 85            | 1)      |
| V505 Cyg | 52829.4290     | .0023 | AG      | +0.0998 |   | GCVS 85            | 1)      |
| V509 Cyg | 52868.4904     | .0010 | AG      |         |   |                    | -Ir 1)  |
| V513 Cyg | 52831.3947     | .0001 | MS FR   | -0.3158 |   | GCVS 85            | 7)      |
| V525 Cyg | 52867.4763     | .0026 | AG      |         |   |                    | 1)      |
|          | 52903.5233     | .0007 | AG      |         |   |                    | -Ir 1)  |
| V526 Cyg | 52864.4480     | .0004 | AG      | -0.5657 |   | GCVS 85            | 1)      |
| V534 Cyg | 52864.5216     | .0005 | AG      |         |   |                    | 1)      |
|          | 52899.6313     | .0002 | AG      |         |   |                    | -Ir 1)  |
|          | 52902.4840     | .0012 | AG      |         |   |                    | -Ir 1)  |
|          | 52903.6022     | .0014 | AG      |         |   |                    | -Ir 1)  |
|          | 52907.5609     | .0006 | AG      |         |   |                    | -Ir 1)  |
| V635 Cyg | 52886.5002     | .0038 | AG      |         |   |                    | -Ir 1)  |
| V680 Cyg | 52835.5255     | .0003 | RAT RCR | +0.0177 |   | BAV Rbf. 32, 36ff  | -Ir 1)  |
| V700 Cyg | 52835.4106     | .0005 | AG      | -0.0357 | s | GCVS 85            | -Ir 1)  |
|          | 52846.4544     | .0015 | AG      | -0.0434 |   | GCVS 85            | -Ir 1)  |
|          | 52897.4606     | .0043 | RAT RCR | -0.0441 |   | GCVS 85            | -Ir 1)  |
|          | 52981.3083     | .0003 | RAT RCR | -0.0177 | s | GCVS 85            | -Ir 1)  |
| V704 Cyg | 52831.3911     | .0005 | AG      | +0.0319 |   | GCVS 85            | 1)      |
|          | 52854.5048     | .0019 | AG      | +0.0321 | s | GCVS 85            | -Ir 1)  |
|          | 52864.4930     | .0012 | AG      | +0.0330 |   | GCVS 85            | 1)      |
|          | 52868.4866     | .0061 | AG      | +0.0317 |   | GCVS 85            | 1)      |
|          | 52886.4680     | .0010 | AG      | +0.0359 | s | GCVS 85            | 1)      |
|          | 52907.5822     | .0008 | AG      | +0.0340 | s | GCVS 85            | -Ir 1)  |
|          | 52912.4309     | .0012 | AG      | +0.0318 |   | GCVS 85            | -Ir 1)  |
|          | 52930.4072     | .0005 | RAT RCR | +0.0309 | s | GCVS 85            | -Ir 1)  |
| V711 Cyg | 52886.5305     | .0008 | AG      |         |   |                    | -Ir 1)  |
| V725 Cyg | 52931.4027     | .0018 | FR      | +0.2362 |   | GCVS 85            | 13)     |
| V787 Cyg | 52802.4572     | .0005 | AG      | +0.0012 |   | GCVS 85            | -Ir 1)  |
|          | 52831.4998     | .0008 | AG      | +0.0020 |   | GCVS 85            | -Ir 1)  |
| V822 Cyg | 52816.5049     | .0021 | MS FR   | -0.1318 |   | GCVS 85            | 7)      |
| V842 Cyg | 52815.4978     | .0006 | MS FR   |         |   |                    | 7)      |
| V856 Cyg | 52877.5005     | .0018 | FR      |         |   |                    | 13)     |
| V859 Cyg | 52877.5348     | .0018 | FR      | -0.0238 |   | GCVS 85            | 13)     |
|          | 52878.5500     | .0014 | FR      | -0.0211 | s | GCVS 85            | 13)     |
|          | 52879.3594     | .0005 | FR      | -0.0217 | s | GCVS 85            | 13)     |
|          | 52903.4603     | .0008 | FR      | -0.0184 |   | GCVS 85            | 13)     |
|          | 52904.4745     | .0003 | FR      | -0.0167 | s | GCVS 85            | 13)     |
|          | 52928.3693     | .0005 | FR      | -0.0169 | s | GCVS 85            | 13)     |
|          | 52929.3811     | .0017 | FR      | -0.0176 |   | GCVS 85            | 13)     |
|          | 52941.3297     | .0007 | FR      | -0.0166 | s | GCVS 85            | 13)     |
|          | 52982.2330     | .0013 | FR      | -0.0184 | s | GCVS 85            | -Ir 13) |
| V866 Cyg | 52929.4224     | .0020 | FR      |         |   |                    | 13)     |
| V877 Cyg | 52807.4359     | .0004 | MS FR   | +0.0264 |   | GCVS 85            | 7)      |
| V931 Cyg | 51799.3686     | .0007 | AG      | +0.0244 | s | GCVS 85            | 1)      |
|          | 51799.5411     | .0015 | AG      | +0.0262 |   | GCVS 85            | 1)      |
|          | 52463.4391     | .0005 | AG      | +0.0646 |   | GCVS 85            | 1)      |
|          | 52876.4951     | .0004 | AG      | -0.0842 |   | GCVS 85            | 1)      |
| V961 Cyg | 52839.4486     | .0011 | FR      | +0.9471 |   | GCVS 85            | 13)     |

Table 1: Eclipsing binaries (cont.)

| Variable  | Min JD 24. . . | $\pm$ | Obs     | $O - C$ |   | Fil              | Rem    |
|-----------|----------------|-------|---------|---------|---|------------------|--------|
| V963 Cyg  | 52807.4995     | .0002 | RAT RCR | +0.0006 |   | GCVS 85          | -Ir 1) |
| V964 Cyg  | 52839.4576     | .0029 | FR      |         |   |                  | 13)    |
| V979 Cyg  | 50671.5194     | .0004 | FR      | +0.0675 |   | GCVS 85          | 12)    |
|           | 51704.4360     | .0008 | FR      | +0.0578 |   | GCVS 85          | 12)    |
|           | 51713.4059     | .0002 | FR      | +0.0587 |   | GCVS 85          | 12)    |
|           | 51714.5319     | .0012 | FR      | +0.0636 |   | GCVS 85          | 12)    |
|           | 51757.5048     | .0018 | FR      | +0.0602 |   | GCVS 85          | 12)    |
|           | 51758.4369     | .0004 | QU      | +0.0580 | s | GCVS 85          | 3)     |
|           | 51758.4398     | .0006 | FR      | +0.0609 | s | GCVS 85          | 12)    |
|           | 51776.3741     | .0010 | FR      | +0.0573 | s | GCVS 85          | 12)    |
|           | 51780.4884     | .0020 | FR      | +0.0608 | s | GCVS 85          | 12)    |
|           | 51782.5400     | .0016 | FR      | +0.0570 |   | GCVS 85          | 12)    |
|           | 51783.4753     | .0009 | FR      | +0.0580 | s | GCVS 85          | 12)    |
|           | 51796.3671     | .0004 | QU      | +0.0569 |   | GCVS 85          | 3)     |
|           | 51796.5565     | .0004 | QU      | +0.0595 | s | GCVS 85          | V 3)   |
|           | 51798.4224     | .0004 | QU      | +0.0568 | s | GCVS 85          | 3)     |
|           | 51799.3561     | .0003 | QU      | +0.0563 |   | GCVS 85          | 3)     |
|           | 51806.4585     | .0004 | QU      | +0.0582 |   | GCVS 85          | 3)     |
|           | 51807.3922     | .0007 | QU      | +0.0577 | s | GCVS 85          | 3)     |
|           | 51811.3126     | .0005 | FR      | +0.0542 |   | GCVS 85          | 12)    |
|           | 51811.5029     | .0009 | FR      | +0.0576 | s | GCVS 85          | 12)    |
|           | 51812.4343     | .0010 | FR      | +0.0547 |   | GCVS 85          | 12)    |
|           | 51817.2924     | .0007 | FR      | +0.0546 |   | GCVS 85          | 12)    |
|           | 51817.4851     | .0009 | FR      | +0.0605 | s | GCVS 85          | 12)    |
|           | 52042.4500     | .0007 | FR      | +0.0537 | s | GCVS 85          | 12)    |
|           | 52085.4250     | .0003 | FR      | +0.0524 | s | GCVS 85          | 12)    |
|           | 52086.5476     | .0007 | FR      | +0.0539 | s | GCVS 85          | 12)    |
|           | 52096.4521     | .0004 | FR      | +0.0551 |   | GCVS 85          | 12)    |
|           | 52100.5611     | .0005 | FR      | +0.0534 |   | GCVS 85          | 12)    |
|           | 52116.4439     | .0007 | QU      | +0.0536 | s | GCVS 85          | 4)     |
|           | 52133.4504     | .0007 | FR      | +0.0565 |   | GCVS 85          | 12)    |
|           | 52137.3729     | .0008 | FR      | +0.0550 | s | GCVS 85          | 12)    |
|           | 52503.4140     | .0010 | FR      | +0.0501 |   | GCVS 85          | 12)    |
|           | 52546.3889     | .0007 | FR      | +0.0486 |   | GCVS 85          | 12)    |
|           | 52548.4420     | .0007 | FR      | +0.0464 | s | GCVS 85          | 12)    |
|           | 52549.3796     | .0007 | FR      | +0.0497 |   | GCVS 85          | 12)    |
|           | 52596.2790     | .0010 | QU      | +0.0489 | s | GCVS 85          | 4)     |
|           | 52896.3611     | .0010 | QU      | +0.0442 | s | GCVS 85          | 4)     |
|           | 52901.4057     | .0009 | AG      | +0.0437 |   | GCVS 85          | 1)     |
|           | 52901.5904     | .0054 | AG      | +0.0416 | s | GCVS 85          | 1)     |
|           | 52908.3200     | .0010 | QU      | +0.0444 | s | GCVS 85          | 4)     |
|           | 52908.5012     | .0010 | QU      | +0.0388 |   | GCVS 85          | 4)     |
| V1004 Cyg | 52901.5887     | .0002 | AG      | -0.1239 |   | GCVS 85          | 1)     |
| V1009 Cyg | 52789.4882     | .0009 | RAT RCR |         |   |                  | -Ir 1) |
| V1013 Cyg | 52901.5863     | .0020 | AG      |         |   |                  | 1)     |
| V1034 Cyg | 52804.4800     | .0003 | RAT RCR | -0.0052 |   | GCVS 85          | -Ir 1) |
|           | 52864.5540     | .0014 | FR      | -0.0124 | s | GCVS 85          | 13)    |
| V1036 Cyg | 52694.6233     | .0006 | MS FR   | -0.0050 | s | BAVM 141         | 7)     |
|           | 52804.4760     | .0001 | MS FR   | -0.0004 |   | BAVM 141         | 7)     |
| V1147 Cyg | 52863.4038     | .0006 | FR      |         |   |                  | 13)    |
| V1191 Cyg | 52901.5459     | .0003 | RAT RCR | +0.0408 | s | GCVS 85          | -Ir 1) |
| V1321 Cyg | 52802.5448     | .0007 | RAT RCR |         |   |                  | -Ir 1) |
| V1345 Cyg | 52941.3401     | .0010 | FR      |         |   |                  | 13)    |
| V1411 Cyg | 52886.4099     | .0007 | AG      | +0.1995 |   | GCVS 85          | -Ir 1) |
| V1414 Cyg | 52886.5111     | .0019 | AG      |         |   |                  | -Ir 1) |
| V1457 Cyg | 52901.3379     | .0006 | AG      |         |   |                  | 1)     |
| V1901 Cyg | 52876.4117     | .0009 | FR      |         |   |                  | 13)    |
| V2181 Cyg | 52815.4588     | .0010 | QU      | +0.0192 | s | BAV Rbf. 50, 45f | V 4)   |
|           | 52829.4984     | .0007 | AG      | +0.0085 |   | BAV Rbf. 50, 45f | 1)     |
|           | 52864.4809     | .0006 | FR      | +0.0086 |   | BAV Rbf. 50, 45f | 13)    |

Table 1: Eclipsing binaries (cont.)

| Variable  | Min JD 24. . . | $\pm$ | Obs     | $O - C$ |   | File              | Rem     |
|-----------|----------------|-------|---------|---------|---|-------------------|---------|
| V2181 Cyg | 52953.3706     | .0012 | FR      | +0.0087 |   | BAV Rbf. 50, 45f  | 13)     |
|           | 52955.3817     | .0013 | FR      | +0.0126 | s | BAV Rbf. 50, 45f  | 13)     |
| V2239 Cyg | 52835.4431     | .0014 | AG      |         |   |                   | -Ir 1)  |
|           | 52846.4344     | .0003 | AG      |         |   |                   | -Ir 1)  |
|           | 52868.4173     | .0010 | FR      |         |   |                   | 13)     |
| V2240 Cyg | 52846.4815     | .0015 | AG      |         |   |                   | -Ir 1)  |
|           | 52868.5067     | .0004 | FR      |         |   |                   | 13)     |
| RZ Dra    | 52900.4052     | .0005 | RAT RCR | +0.0385 | s | GCVS 85           | -Ir 1)  |
| UZ Dra    | 52836.4543     | .0002 | QU      | +0.0022 | s | GCVS 85           | V 4)    |
| AX Dra    | 53065.6800     | .0019 | PC      | -0.0015 |   | BAV Rbf. 32, 36ff | -Ir 8)  |
|           | 53069.6560     | .0025 | PC      | -0.0026 |   | BAV Rbf. 32, 36ff | -Ir 8)  |
| BE Dra    | 52835.5216     | .0038 | PC      | +0.1200 |   | GCVS 85           | -Ir 8)  |
| BW Dra    | 53065.6737     | .0042 | PC      |         |   |                   | -Ir 8)  |
| EF Dra    | 52835.5067     | .0036 | PC      | +0.0301 | s | IBVS 3811 BAVM 63 | -Ir 8)  |
| AI Gem    | 53007.5348     | .0024 | AG      |         |   |                   | -Ir 1)  |
|           | 53055.3307     | .0017 | AG      |         |   |                   | -Ir 1)  |
| AL Gem    | 53056.3329     | .0005 | DIE     | +0.0996 |   | GCVS 85           | 14)     |
| AZ Gem    | 53055.3950     | .0007 | AG      | +0.0794 | s | GCVS 85           | -Ir 1)  |
| BD Gem    | 53028.3130     | .0003 | AG      | -0.0249 |   | GCVS 85           | -Ir 1)  |
|           | 53070.3483     | .0002 | AG      | -0.0245 |   | GCVS 85           | -Ir 1)  |
| CP Gem    | 53056.4651     | .0035 | FR      |         |   |                   | -Ir 13) |
| FG Gem    | 53070.3946     | .0005 | AG      | -0.0330 |   | GCVS 85           | -Ir 1)  |
| FT Gem    | 52279.5373     | .0010 | AG      | -0.0196 |   | GCVS 85           | -Ir 1)  |
|           | 52707.3210     | .0028 | AG      | -0.0174 |   | GCVS 85           | 1)      |
| GX Gem    | 52718.3536     | .0009 | RAT RCR | +0.0737 |   | GCVS 85           | -Ir 1)  |
| KQ Gem    | 53028.4231     | .0009 | AG      |         |   |                   | -Ir 1)  |
|           | 53055.3534     | .0014 | AG      |         |   |                   | -Ir 1)  |
|           | 53055.5506     | .0028 | AG      |         |   |                   | -Ir 1)  |
| KV Gem    | 52735.3752     | .0021 | ATB     | -0.0011 | s | BAV Rbf. 52, 95ff | 1)      |
|           | 52982.5765     | .0072 | PC      | -0.0021 |   | BAV Rbf. 52, 95ff | -Ir 8)  |
|           | 52984.5488     | .0046 | PC      | -0.0016 | s | BAV Rbf. 52, 95ff | -Ir 8)  |
|           | 53007.4936     | .0009 | AG      | -0.0024 | s | BAV Rbf. 52, 95ff | -Ir 1)  |
|           | 53028.2880     | .0013 | AG      | -0.0024 | s | BAV Rbf. 52, 95ff | -Ir 1)  |
|           | 53055.3562     | .0009 | AG      | -0.0027 |   | BAV Rbf. 52, 95ff | -Ir 1)  |
|           | 53055.5348     | .0011 | AG      | -0.0034 | s | BAV Rbf. 52, 95ff | -Ir 1)  |
|           | 53070.4141     | .0006 | AG      | -0.0028 |   | BAV Rbf. 52, 95ff | -Ir 1)  |
|           | 53081.3499     | .0006 | QU      | -0.0020 | s | BAV Rbf. 52, 95ff | V 4)    |
|           | 53082.4263     | .0010 | QU      | -0.0012 | s | BAV Rbf. 52, 95ff | V 4)    |
| MU Gem    | 52279.5550     | .0008 | AG      | +0.0136 |   | GCVS 85           | -Ir 1)  |
| RX Her    | 53121.5357     | .0017 | SCI     | +0.0018 | s | GCVS 85           | 3)      |
| LV Her    | 53154.4210     | .0017 | SCI     | -0.0176 |   | GCVS 85           | 3)      |
|           | 53154.4212     | .0015 | JU      | -0.0174 |   | GCVS 85           | 3)      |
| MS Her    | 52859.5030     | .0011 | AG      | +0.0162 | s | GCVS 85           | -Ir 1)  |
| V842 Her  | 52830.4176     | .0004 | JU      | -0.0119 |   | BAV Rbf. 49,180   | 3)      |
|           | 53143.4378     | .0015 | JU      | -0.0151 |   | BAV Rbf. 49,180   | 3)      |
| UW Hya    | 53094.3520     | .0006 | AG      |         |   |                   | 1)      |
| AV Hya    | 52694.3970     | .0003 | RAT RCR | -0.0705 |   | GCVS 85           | -Ir 1)  |
| DF Hya    | 50177.2993     | .0003 | KI      | -0.0590 |   | GCVS 85           | 1)      |
|           | 50859.4938     | .0002 | KI      | -0.0531 | s | GCVS 85           | 1)      |
|           | 51641.3744     | .0004 | KI      | -0.0363 | s | GCVS 85           | -Ir 1)  |
|           | 51926.5227     | .0003 | KI      | -0.0286 |   | GCVS 85           | -Ir 1)  |
| FG Hya    | 53094.3444     | .0020 | AG      | -0.0677 | s | GCVS 85           | 1)      |
| SW Lac    | 52939.5243     | .0002 | FR      | +0.0696 | s | GCVS 85           | 13)     |
| TW Lac    | 52930.5466     | .0005 | FR      | +0.2124 |   | GCVS 85           | 13)     |
| VY Lac    | 52954.3243     | .0002 | RAT RCR | -0.1514 |   | GCVS 85           | -Ir 1)  |
| AG Lac    | 52855.4583     | .0007 | AG      |         |   |                   | -Ir 1)  |
|           | 52878.4009     | .0012 | AG      |         |   |                   | -Ir 1)  |
| AU Lac    | 52876.4103     | .0010 | AG      |         |   |                   | -Ir 1)  |
| AW Lac    | 52858.4856     | .0011 | AG      | +0.0244 |   | BAV Rbf. 35, 1ff  | -Ir 1)  |
|           | 52981.3538     | .0024 | AG      | +0.0357 | s | BAV Rbf. 35, 1ff  | -Ir 1)  |



Table 1: Eclipsing binaries (cont.)

| Variable       | Min JD 24. . . | $\pm$ | Obs     | $O - C$ |                   | Fil | Rem |
|----------------|----------------|-------|---------|---------|-------------------|-----|-----|
| CM Lac         | 52855.4288     | .0002 | QU      | -0.0032 | GCVS 85           | V   | 4)  |
| CN Lac         | 52835.3913     | .0003 | MS FR   | +0.0225 | s GCVS 85         |     | 7)  |
|                | 52876.4965     | .0020 | AG      | +0.0170 | GCVS 85           | -Ir | 1)  |
| CO Lac         | 52835.5136     | .0007 | JU      | -0.0036 | SAC 74            |     | 3)  |
| EM Lac         | 52928.3677     | .0003 | AG      | +0.0499 | GCVS 85           |     | 1)  |
|                | 52928.5644     | .0004 | AG      | +0.0520 | s GCVS 85         |     | 1)  |
|                | 52981.2938     | .0013 | AG      | +0.0539 | GCVS 85           | -Ir | 1)  |
| IM Lac         | 52875.5028     | .0017 | AG      | -0.1652 | s GCVS 85         | -Ir | 1)  |
| IP Lac         | 52875.4857     | .0026 | AG      |         |                   | -Ir | 1)  |
|                | 52878.4677     | .0026 | AG      |         |                   | -Ir | 1)  |
| LY Lac         | 49270.511 :    | .003  | AG      | +0.171  | GCVS 85           |     | 1)  |
|                | 49624.3539     | .0005 | AG      | +0.1739 | GCVS 85           |     | 1)  |
|                | 51767.5080     | .0004 | AG      | +0.1997 | GCVS 85           |     | 1)  |
|                | 51798.4125     | .0008 | AG      | +0.2011 | GCVS 85           |     | 1)  |
| MZ Lac         | 52981.2854     | .0013 | AG      | +0.1404 | GCVS 85           | -Ir | 1)  |
| PP Lac         | 52981.4081     | .0009 | AG      | -0.0425 | s GCVS 85         | -Ir | 1)  |
| V342 Lac       | 52855.4258     | .0025 | AG      |         |                   | -Ir | 1)  |
|                | 52875.3891     | .0006 | AG      |         |                   | -Ir | 1)  |
|                | 52878.5499     | .0006 | AG      |         |                   | -Ir | 1)  |
| V344 Lac       | 52878.4734     | .0006 | AG      |         |                   | -Ir | 1)  |
|                | 52941.4260     | .0003 | RAT RCR |         |                   | -Ir | 1)  |
| V345 Lac       | 52928.5439     | .0013 | AG      | +0.0825 | Hartha Mitt. 13   |     | 1)  |
|                | 52928.5459     | .0030 | JU      | +0.0845 | Hartha Mitt. 13   |     | 3)  |
| V364 Lac       | 52939.4932     | .0004 | FR      | -0.0061 | BAV Rbf. 47, 33f  |     | 13) |
| Y Leo          | 53096.4222     | .0031 | PC      | +0.0098 | GCVS 85           | -Ir | 8)  |
| UV Leo         | 53095.4225     | .0014 | PC      | +0.0017 | IBVS 5338         | -Ir | 8)  |
|                | 53110.4251     | .0003 | JU      | +0.0021 | IBVS 5338         |     | 3)  |
|                | 53110.4294     | .0022 | PC      | +0.0064 | IBVS 5338         | -Ir | 8)  |
| UX Leo         | 52618.6858     | .0001 | MS      | +0.0284 | BAVM 68           |     | 7)  |
| UZ Leo         | 53105.397 :    | .010  | PC      | +0.107  | s GCVS 85         | -Ir | 8)  |
| VZ Leo         | 52648.4832     | .0003 | RAT RCR | -0.0599 | GCVS 85           | -Ir | 1)  |
|                | 52719.3293     | .0006 | MS FR   | -0.0577 | GCVS 85           |     | 7)  |
|                | 53095.3432     | .0069 | PC      | -0.0613 | GCVS 85           | -Ir | 8)  |
| WZ Leo         | 53093.3989     | .0001 | AG      | -0.2098 | GCVS 85           |     | 1)  |
| XY Leo         | 53040.4390     | .0025 | AG      | +0.0134 | s GCVS 85         | -Ir | 1)  |
|                | 53040.5820     | .0009 | AG      | +0.0143 | GCVS 85           | -Ir | 1)  |
|                | 53079.5044     | .0005 | AG      | +0.0154 | GCVS 85           | -Ir | 1)  |
| XZ Leo         | 52680.3927     | .0001 | RAT RCR | +0.0323 | GCVS 85           | -Ir | 1)  |
|                | 53040.5894     | .0010 | AG      | +0.0366 | s GCVS 85         | -Ir | 1)  |
|                | 53079.6099     | .0005 | AG      | +0.0383 | s GCVS 85         | -Ir | 1)  |
| AL Leo         | 53079.4736     | .0004 | AG      | +0.0103 | IBVS 3401 BAVM 53 | -Ir | 1)  |
| AM Leo         | 53111.3944     | .0028 | PC      | +0.0043 | GCVS 85           | -Ir | 8)  |
| BL Leo         | 53093.4012     | .0010 | AG      |         |                   | -Ir | 1)  |
|                | 53093.5433     | .0004 | AG      |         |                   | -Ir | 1)  |
| BW Leo         | 52691.4319     | .0006 | MS FR   |         |                   |     | 7)  |
| CE Leo         | 52712.3451     | .0001 | RAT RCR |         |                   | -Ir | 1)  |
|                | 53093.4524     | .0009 | AG      |         |                   | -Ir | 1)  |
|                | 53093.6024     | .0010 | AG      |         |                   | -Ir | 1)  |
| GSC1419.91 Leo | 52754.4598     | .0013 | FR      |         |                   |     | 13) |
| T LMi          | 52717.5056     | .0004 | RAT RCR | -0.0636 | GCVS 85           | -Ir | 1)  |
| RT LMi         | 52715.4104     | .0006 | RAT RCR | -0.0049 | s GCVS 85         | -Ir | 1)  |
|                | 53070.4538     | .0040 | PC      | -0.0088 | s GCVS 85         | -Ir | 8)  |
|                | 53110.3863     | .0025 | PC      | -0.0051 | GCVS 85           | -Ir | 8)  |
| RY Lyn         | 52695.5459     | .0001 | RAT RCR | -0.0401 | GCVS 85           | -Ir | 1)  |
|                | 52744.3342     | .0002 | RAT RCR | -0.0414 | GCVS 85           | -Ir | 1)  |
| SW Lyn         | 52691.5396     | .0001 | RAT RCR | +0.0396 | GCVS 85           | -Ir | 1)  |
| SX Lyn         | 53094.4729     | .0005 | AG      | -0.0057 | GCVS 85           | -Ir | 1)  |
| UU Lyn         | 52901.6086     | .0002 | MS FR   | -0.0053 | GCVS 85           |     | 7)  |
|                | 53105.3859     | .0031 | PC      | -0.0082 | GCVS 85           | -Ir | 8)  |
| UV Lyn         | 52746.5022     | .0014 | ATB     | +0.0513 | s GCVS 85         |     | 1)  |

Table 1: Eclipsing binaries (cont.)

| Variable        | Min JD 24. . . | $\pm$ | Obs     | $O - C$ |   |                    | Fil | Rem |
|-----------------|----------------|-------|---------|---------|---|--------------------|-----|-----|
| BG Lyn          | 53097.3715     | .0029 | AG      |         |   |                    | -Ir | 1)  |
| DE Lyn          | 53094.4220     | .0005 | AG      |         |   |                    | -Ir | 1)  |
| NY Lyr          | 52795.5737     | .0010 | RAT RCR | +0.0839 | s | GCVS 85            | -Ir | 1)  |
| PY Lyr          | 52695.6931     | .0003 | MS FR   |         |   |                    |     | 7)  |
| QU Lyr          | 52950.2516     | .0008 | RAT RCR | -0.0019 |   | GCVS 85            | -Ir | 1)  |
| VX Mon          | 52619.3941     | .0002 | MS      |         |   |                    |     | 7)  |
| AQ Mon          | 53056.3602     | .0007 | WTR     | -0.0775 |   | GCVS 85            |     | 15) |
| GU Mon          | 52693.3766     | .0003 | MS FR   | +0.0368 |   | GCVS 87            |     | 7)  |
| HM Mon          | 53060.4221     | .0014 | AG      | -0.0013 |   | GCVS 85            | -Ir | 1)  |
| NS Mon          | 52648.3484     | .0003 | RAT RCR | +0.0058 |   | BAVM 76            | -Ir | 1)  |
|                 | 53056.3140     | .0008 | AG      | +0.0087 | s | BAVM 76            | -Ir | 1)  |
| V384 Mon        | 52694.2992     | .0008 | MS FR   | -0.0359 |   | GCVS 87            |     | 7)  |
| V453 Mon        | 52690.2955     | .0001 | MS FR   | -0.1620 | s | GCVS 87            |     | 7)  |
| V464 Mon        | 52695.3233     | .0003 | MS FR   | -0.1047 |   | GCVS 85            |     | 7)  |
| V514 Mon        | 52689.3259     | .0002 | MS FR   | -0.0118 | s | GCVS 85            |     | 7)  |
| V527 Mon        | 52617.5178     | .0003 | MS      | -0.0214 |   | GCVS 85            |     | 7)  |
|                 | 53060.3128     | .0016 | AG      | -0.0228 |   | GCVS 85            | -Ir | 1)  |
| V508 Oph        | 52750.5436     | .0001 | RAT RCR | -0.0040 | s | GCVS 85            | -Ir | 1)  |
| V509 Oph        | 52784.5154     | .0005 | RAT RCR |         |   |                    | -Ir | 1)  |
| V2536 Oph       | 52792.4862     | .0007 | MS FR   | -0.3485 | s | BAVM 119           |     | 7)  |
| V392 Ori        | 52647.3672     | .0002 | RAT RCR | +0.0028 |   | GCVS 85            | -Ir | 1)  |
| V1626 Ori       | 52618.3953     | .0003 | MS      | -0.0013 |   | BAVM 144           |     | 7)  |
| GSC1296.975 Ori | 53094.3519     | .0006 | QU      |         |   |                    | V   | 4)  |
| U Peg           | 52876.3960     | .0021 | SCI     | -0.0123 |   | BAV Rbf. 45, 3     |     | 3)  |
|                 | 52931.4959     | .0014 | ATB     | -0.0047 |   | BAV Rbf. 45, 3     |     | 1)  |
| VW Peg          | 52984.3148     | .0015 | ATB     | +0.0012 |   | BAVM 129           |     | 1)  |
| ZZ Peg          | 49580.4289     |       | MS      | +0.1286 | s | GCVS 87            |     | 1)  |
|                 | 50741.3099     |       | MS      | +0.1369 |   | GCVS 87            |     | 1)  |
|                 | 51433.3576     | .0020 | HSR     | +0.1322 |   | GCVS 87            |     | 2)  |
|                 | 51459.3829     | .0002 | AG      | +0.1305 |   | GCVS 87            |     | 1)  |
|                 | 51467.3918     | .0007 | KI      | +0.1311 |   | GCVS 87            | -Ir | 1)  |
|                 | 52853.4877     | .0004 | RAT RCR | +0.1203 |   | GCVS 87            | -Ir | 1)  |
|                 | 52887.5278     | .0007 | AG      | +0.1250 |   | GCVS 87            | -Ir | 1)  |
| AT Peg          | 52850.4449     | .0002 | QU      | +0.0120 |   | GCVS 87            | V   | 4)  |
|                 | 52928.3787     | .0017 | SCI     | +0.0126 |   | GCVS 87            |     | 3)  |
| BB Peg          | 52852.4956     | .0002 | RAT RCR | -0.0006 |   | GCVS 87            | -Ir | 1)  |
| BX Peg          | 52887.3756     | .0031 | AG      | -0.0648 | s | GCVS 87            |     | 1)  |
|                 | 52887.5149     | .0005 | AG      | -0.0657 |   | GCVS 87            |     | 1)  |
|                 | 52902.3758     | .0006 | PRK     | -0.0671 |   | GCVS 87            |     | 1)  |
|                 | 52929.4367     | .0047 | AG      | -0.0668 | s | GCVS 87            |     | 1)  |
|                 | 52929.5793     | .0006 | AG      | -0.0645 |   | GCVS 87            |     | 1)  |
| BY Peg          | 52878.4928     | .0005 | AG      |         |   |                    |     | 1)  |
|                 | 52887.3837     | .0011 | AG      |         |   |                    |     | 1)  |
|                 | 52887.5536     | .0006 | AG      |         |   |                    |     | 1)  |
|                 | 52929.4431     | .0008 | AG      |         |   |                    |     | 1)  |
| CC Peg          | 52484.4524     | .0006 | MS      | +0.0030 | s | IBVS 5017 BAVM 133 |     | 7)  |
|                 | 52834.4936     | .0013 | RAT RCR | +0.0056 | s | IBVS 5017 BAVM 133 | -Ir | 1)  |
|                 | 52878.3915     | .0005 | AG      | -0.0027 |   | IBVS 5017 BAVM 133 |     | 1)  |
|                 | 52887.4741     | .0011 | AG      | -0.0041 |   | IBVS 5017 BAVM 133 |     | 1)  |
| CE Peg          | 52929.4523     |       | AG      |         |   |                    |     | 1)  |
| CF Peg          | 52878.4716     | .0007 | AG      |         |   |                    |     | 1)  |
|                 | 52887.3613     | .0011 | AG      |         |   |                    |     | 1)  |
|                 | 52887.5687     | .0007 | AG      |         |   |                    |     | 1)  |
|                 | 52929.5405     | .0013 | AG      |         |   |                    |     | 1)  |
| DI Peg          | 52903.3083     | .0004 | DIE     | -0.0202 |   | GCVS 87            |     | 14) |
|                 | 52908.2924     | .0001 | DIE     | -0.0189 |   | GCVS 87            |     | 14) |
|                 | 52950.2871     | .0004 | SE      | -0.0213 |   | GCVS 87            | -Ir | 17) |
| DK Peg          | 52901.4398     | .0056 | SCI     | +0.0804 |   | GCVS 87            |     | 3)  |
| EU Peg          | 52913.3646     | .0002 | MS FR   | +0.0338 |   | GCVS 87            |     | 7)  |
| KW Peg          | 52878.5966     | .0004 | AG      |         |   |                    |     | 1)  |

Table 1: Eclipsing binaries (cont.)

| Variable         | Min JD 24... | $\pm$ | Obs     | $O - C$ |                     | Fil | Rem |
|------------------|--------------|-------|---------|---------|---------------------|-----|-----|
| KW Peg           | 52887.5769   | .0014 | AG      |         |                     |     | 1)  |
| V396 Peg         | 52940.3432   | .0018 | JU      | -0.0014 | BAVM 139            |     | 3)  |
| GSC1127.1808 Peg | 52938.3406   | .0005 | FR      |         |                     |     | 13) |
| Z Per            | 52948.3553   | .0072 | SCI     | -0.1809 | GCVS 87             |     | 3)  |
| RT Per           | 52913.5914   | .0012 | AG      | -0.3731 | GCVS 87             |     | 1)  |
| ST Per           | 52982.3559   | .0003 | QU      | +0.1776 | GCVS 87             | V   | 4)  |
| BP Per           | 52913.5601   | .0005 | AG      | -0.0196 | GCVS 87             |     | 1)  |
| HW Per           | 52619.3259   | .0004 | MS FR   | +0.0229 | GCVS 87             |     | 7)  |
| IU Per           | 52931.2940   | .0009 | DIE     | +0.0066 | GCVS 87             |     | 14) |
|                  | 52937.3019   | .0010 | DIE     | +0.0154 | GCVS 87             |     | 14) |
| KN Per           | 52683.5317   | .0056 | ATB     | +0.0048 | s BAV Rbf. 52, 93ff |     | 1)  |
|                  | 52694.3516   | .0035 | ATB     | -0.0061 | BAV Rbf. 52, 93ff   |     | 1)  |
|                  | 52697.3936   | .0035 | ATB     | +0.0033 | s BAV Rbf. 52, 93ff |     | 1)  |
| KR Per           | 52983.5074   | .0003 | RAT RCR | -0.0152 | GCVS 87             | -Ir | 1)  |
| KW Per           | 52901.4946   | .0001 | MS FR   | +0.0130 | GCVS 87             |     | 7)  |
| NZ Per           | 52931.5399   | .0004 | RAT RCR | +0.0349 | GCVS 87             | -Ir | 1)  |
| QT Per           | 52913.4837   | .0004 | AG      |         |                     |     | 1)  |
|                  | 52927.5327   | .0003 | MS FR   |         |                     |     | 7)  |
| QU Per           | 52903.5370   | .0008 | RAT RCR |         |                     | -Ir | 1)  |
| V432 Per         | 52902.5124   | .0001 | RAT RCR | -0.0099 | IBVS 3797 BAVM 61   | -Ir | 1)  |
|                  | 52981.4757   | .0004 | RAT RCR | -0.0089 | IBVS 3797 BAVM 61   | -Ir | 1)  |
| V450 Per         | 51434.5780   | .0015 | MS      | +0.0505 | GCVS 87             |     | 7)  |
|                  | 52913.5659   | .0005 | RAT RCR | +0.0681 | GCVS 87             | -Ir | 1)  |
| RV Psc           | 52992.3706   | .0005 | DIE     | +0.0021 | GCVS 87             |     | 14) |
| V Sge            | 52817.4834   | .0004 | RAT RCR | -0.0270 | GCVS 87             | -Ir | 1)  |
| CU Sge           | 52835.4080   | .0011 | AG      | +0.0164 | s GCVS 87           |     | 1)  |
| AU Ser           | 52714.6513   | .0001 | RAT RCR |         |                     | -Ir | 1)  |
| Y Sex            | 53094.3761   | .0005 | WTR     | +0.0095 | BAV Rbf. 32, 36ff   |     | 15) |
| SV Tau           | 53035.2837   | .0012 | AG      | -0.0133 | GCVS 87             | -Ir | 1)  |
| AH Tau           | 52929.4800   | .0001 | RAT RCR |         |                     | -Ir | 1)  |
| CR Tau           | 52648.2725   | .0002 | RAT RCR | -0.0024 | IBVS 4778 BAVM 123  | -Ir | 1)  |
| EN Tau           | 53035.3314   | .0025 | AG      | +0.0059 | BAV Rbf. 52, 49ff   | -Ir | 1)  |
|                  | 53056.3912   | .0007 | PRK     | +0.0022 | s BAV Rbf. 52, 49ff |     | 1)  |
| EQ Tau           | 52618.2442   | .0002 | MS      | -0.0259 | GCVS 87             |     | 7)  |
|                  | 52956.5186   | .0024 | PC      | -0.0279 | GCVS 87             | -Ir | 8)  |
|                  | 52982.4622   | .0024 | PC      | -0.0267 | GCVS 87             | -Ir | 8)  |
|                  | 52983.4854   | .0020 | PC      | -0.0276 | GCVS 87             | -Ir | 8)  |
| GR Tau           | 52712.3372   | .0021 | ATB     | -0.0270 | BAV Rbf. 35, 1ff    |     | 1)  |
| V781 Tau         | 53035.3703   | .0115 | AG      | -0.0484 | GCVS 87             | -Ir | 1)  |
| V1094 Tau        | 52997.3708   | .0027 | JU      | +1.3844 | s IBVS 4544         |     | 3)  |
| GSC1830.1432 Tau | 52717.3339   | .0012 | PRK     |         |                     |     | 1)  |
|                  | 52902.5747   | .0008 | PRK     |         |                     |     | 1)  |
|                  | 52904.6151   | .0012 | PRK     |         |                     |     | 1)  |
|                  | 52948.3813   | .0009 | PRK     |         |                     |     | 1)  |
| V Tri            | 52902.4272   | .0001 | RAT RCR | -0.0003 | GCVS 87             | -Ir | 1)  |
| X Tri            | 52618.2925   |       | SE      | -0.0530 | GCVS 87             | -Ir | 17) |
|                  | 52925.2946   |       | SG      | -0.0560 | GCVS 87             | V   | 4)  |
| RV Tri           | 52907.4786   | .0001 | RAT RCR | -0.0214 | GCVS 87             | -Ir | 1)  |
|                  | 52982.4686   | .0008 | RAT RCR | -0.0212 | s GCVS 87           | -Ir | 1)  |
| W UMa            | 53096.3742   | .0039 | PC      | -0.0054 | BAV Rbf. 44,156ff   | -Ir | 8)  |
|                  | 53096.5408   | .0042 | PC      | -0.0056 | s BAV Rbf. 44,156ff | -Ir | 8)  |
|                  | 53105.3843   | .0035 | PC      | -0.0035 | BAV Rbf. 44,156ff   | -Ir | 8)  |
| TY UMa           | 52752.5492   | .0002 | RAT RCR | +0.0170 | GCVS 87             | -Ir | 1)  |
|                  | 52764.4262   | .0001 | RAT RCR | +0.0170 | s GCVS 87           | -Ir | 1)  |
|                  | 53110.4686   | .0031 | PC      | +0.0297 | s GCVS 87           | -Ir | 8)  |
| UY UMa           | 53028.5463   | .0002 | AG      | +0.0857 | GCVS 87             |     | 1)  |
|                  | 53110.5203   | .0042 | PC      | +0.0882 | GCVS 87             | -Ir | 8)  |
|                  | 53116.5376   | .0099 | PC      | +0.0893 | GCVS 87             | -Ir | 8)  |
| VV UMa           | 52723.4528   | .0001 | RAT RCR | -0.0527 | GCVS 87             | -Ir | 1)  |
|                  | 53106.4463   | .0020 | PC      | +0.0701 | GCVS 87             | -Ir | 8)  |

Table 1: Eclipsing binaries (cont.)

| Variable        | Min JD 24. . . | $\pm$ | Obs     | $O - C$ |           | Fil | Rem |
|-----------------|----------------|-------|---------|---------|-----------|-----|-----|
| VV UMa          | 53110.4480     | .0036 | PC      | -0.0524 | GCVS 87   | -Ir | 8)  |
| XY UMa          | 53096.4334     | .0027 | PC      | +0.0224 | GCVS 87   | -Ir | 8)  |
| XZ UMa          | 52744.4398     | .0002 | RAT RCR | -0.0678 | GCVS 87   | -Ir | 1)  |
| ZZ UMa          | 53069.4722     | .0030 | PC      | -0.0025 | GCVS 87   | -Ir | 8)  |
| AA UMa          | 52742.5568     | .0003 | RAT RCR | +0.0256 | GCVS 87   | -Ir | 1)  |
|                 | 53003.5390     | .0002 | RAT RCR | +0.0278 | s GCVS 87 | -Ir | 1)  |
|                 | 53096.4618     | .0036 | PC      | +0.0277 | GCVS 87   | -Ir | 8)  |
| BG UMa          | 52746.4116     | .0020 | AG      |         |           | -Ir | 1)  |
| W UMi           | 52927.3830     | .0012 | BRN STK | -0.1359 | GCVS 87   | V   | 4)  |
| RU UMi          | 53110.5843     | .0026 | PC      | -0.0080 | GCVS 87   | -Ir | 8)  |
| AG Vir          | 53111.4484     | .0041 | PC      | +0.0000 | GCVS 87   | -Ir | 8)  |
| AH Vir          | 53112.4308     | .0014 | SCI     | -0.0440 | s GCVS 87 |     | 3)  |
| AW Vir          | 52738.3754     | .0001 | RAT RCR | +0.0129 | GCVS 87   | -Ir | 1)  |
| HW Vir          | 52764.4249     |       | PRK     |         |           |     | 6)  |
| GSC4992.663 Vir | 53094.5055     | .0002 | FR      |         |           | -Ir | 13) |
|                 | 53094.6264     | .0001 | FR      |         |           | -Ir | 13) |
|                 | 53095.4739     | .0001 | FR      |         |           | -Ir | 13) |
|                 | 53095.5948     | .0002 | FR      |         |           | -Ir | 13) |
| BK Vul          | 52831.4314     | .0003 | RAT RCR | +0.0602 | s GCVS 87 | -Ir | 1)  |
|                 | 52833.4738     | .0003 | MS FR   | +0.0620 | GCVS 87   |     | 7)  |
| BM Vul          | 52929.4695     | .0019 | AG      |         |           |     | 1)  |
| DR Vul          | 52840.4178     | .0015 | JU      | -0.0392 | SAC 73    |     | 3)  |
|                 | 52850.5049     | .0020 | JU      | -0.0813 | s SAC 73  |     | 3)  |
|                 | 52912.4457     | .0024 | JU      | -0.0405 | SAC 73    |     | 3)  |
| FM Vul          | 49544.5030     |       | MS      | +0.0149 | GCVS 87   |     | 1)  |
|                 | 49546.4658     |       | MS      | +0.0161 | s GCVS 87 |     | 1)  |
|                 | 51355.4575     | .0003 | AG      | +0.0187 | GCVS 87   |     | 1)  |
|                 | 52426.4934     | .0003 | AG      | +0.0200 | GCVS 87   |     | 1)  |
|                 | 52948.2799     | .0007 | FR      | +0.0205 | GCVS 87   |     | 13) |
| FR Vul          | 52898.3675     | .0007 | RAT RCR | -0.0078 | GCVS 87   | -Ir | 1)  |
| GI Vul          | 52767.4933     | .0003 | MS FR   |         |           |     | 7)  |
|                 | 52876.5562     | .0017 | AG      |         |           |     | 1)  |
| KN Vul          | 49546.4241     | .0004 | AG      | -0.0579 | GCVS 87   |     | 1)  |
|                 | 50673.4297     | .0003 | AG      | -0.0790 | GCVS 87   |     | 1)  |
|                 | 52073.4380     | .0003 | AG      | +0.0792 | s GCVS 87 |     | 1)  |
|                 | 52094.5214     | .0002 | AG      | +0.0800 | s GCVS 87 |     | 1)  |
|                 | 52876.5320     | .0016 | AG      | +0.0684 | GCVS 87   |     | 1)  |
| NO Vul          | 52789.4615     | .0002 | MS FR   |         |           |     | 7)  |

Table 2: Pulsating stars

| Variable | Max JD 24. . . | $\pm$ | Obs | $O - C$ |                   | Fil | Rem |
|----------|----------------|-------|-----|---------|-------------------|-----|-----|
| SW And   | 52959.3706     | .0024 | SCI | -0.0311 | IBVS 4143 BAVM 76 |     | 3)  |
| XX And   | 52940.5499     | .0028 | SCI | +0.0178 | BAV Rbf. 48,189   |     | 3)  |
| AT And   | 52983.3543     | .0049 | ATB | +0.0051 | GCVS 85           |     | 1)  |
| CC And   | 52991.3999     | .0024 | JU  | +0.0137 | GCVS 85           |     | 3)  |
| DK And   | 52927.4472     | .0097 | PC  | -0.0420 | GCVS 85           | -Ir | 8)  |
|          | 52956.5330     | .0064 | PC  | +0.0488 | GCVS 85           | -Ir | 8)  |
|          | 52996.4249     | .0084 | PC  | -0.0187 | GCVS 85           | -Ir | 8)  |
| GP And   | 52983.3046     | .0003 | JU  | +0.0034 | GCVS 85           |     | 3)  |
|          | 52983.4604     | .0008 | MZ  | +0.0019 | GCVS 85           | -Ir | 10) |
| OV And   | 52983.4265     | .0028 | SCI | -0.0134 | MVS 11,133        |     | 3)  |
| UW Aps   | 52397.4560     | .0050 | PS  |         |                   |     | 2)  |
|          | 52402.5103     | .0050 | PS  |         |                   |     | 2)  |
| SW Aqr   | 52853.5298     | .0030 | PS  | +0.0023 | GCVS 85           |     | 18) |
|          | 52929.314 :    | .001  | PC  | +0.001  | GCVS 85           | -Ir | 8)  |
| FH Aqr   | 52930.404      | .003  | AG  |         |                   |     | 1)  |
| HH Aqr   | 52899.442      | .005  | AG  |         |                   |     | 1)  |
|          | 52930.454      | .003  | AG  |         |                   |     | 1)  |

Table 2: Pulsating stars (cont.)

| Variable | Max JD 24... | $\pm$ | Obs     | $O - C$ |                   | Fil | Rem |
|----------|--------------|-------|---------|---------|-------------------|-----|-----|
| V341 Aql | 52858.4162   |       | SE      | +0.0057 | BAV Rbf. 45, 74   | -Ir | 17) |
| X Ari    | 52983.3759   | .0030 | MZ      | +0.0392 | BAV Rbf. 48,189   | -Ir | 10) |
| TZ Aur   | 51898.7360   | .0026 | HSR     | +0.0126 | GCVS 85           |     | 11) |
|          | 52949.5942   | .0007 | QU      | +0.0078 | GCVS 85           | V   | 4)  |
|          | 53069.4545   | .0021 | PC      | +0.0157 | GCVS 85           | -Ir | 8)  |
|          | 53098.438    | .005  | AG      | +0.015  | GCVS 85           | -Ir | 1)  |
| BH Aur   | 52941.5975   | .0020 | PC      |         |                   | -Ir | 8)  |
|          | 52983.5603   | .0029 | PC      |         |                   | -Ir | 8)  |
| MV Aur   | 52948.529    | .001  | AG      |         |                   |     | 1)  |
| RS Boo   | 52754.4509   | .0005 | JU      | +0.0135 | BAV Rbf. 36,157ff |     | 3)  |
|          | 53111.4125   | .0008 | MZ      | +0.0128 | BAV Rbf. 36,157ff | -Ir | 10) |
|          | 53117.4524   | .0005 | JU      | +0.0153 | BAV Rbf. 36,157ff |     | 3)  |
| ST Boo   | 52834.446    | .003  | AG      | +0.020  | BAV Rbf. 49,105   |     | 1)  |
| SW Boo   | 52362.4028   | .0020 | HSR     |         |                   |     | 6)  |
|          | 52363.4329   | .0030 | HSR     |         |                   |     | 6)  |
|          | 52368.5714   | .0020 | HSR     |         |                   |     | 6)  |
|          | 52385.5157   | .0040 | HSR     |         |                   |     | 6)  |
|          | 53142.4903   | .0014 | JU      |         |                   |     | 3)  |
| SZ Boo   | 52789.4308   | .0010 | MZ      |         |                   | -Ir | 10) |
|          | 52800.4133   | .0035 | PC      |         |                   | -Ir | 8)  |
|          | 53069.6742   | .0041 | PC      |         |                   | -Ir | 8)  |
| TV Boo   | 53069.6883   | .0050 | PC      |         |                   | -Ir | 8)  |
|          | 53111.5629   | .0044 | PC      |         |                   | -Ir | 8)  |
|          | 53116.5620   | .0074 | PC      |         |                   | -Ir | 8)  |
| TW Boo   | 52730.4279   | .0008 | JU      | -0.0161 | BAV Rbf. 48,189   |     | 3)  |
|          | 52763.4285   | .0008 | JU      | -0.0164 | BAV Rbf. 48,189   |     | 3)  |
|          | 52813.4646   | .0026 | PC      | -0.0139 | BAV Rbf. 48,189   | -Ir | 8)  |
|          | 53111.5359   | .0040 | PC      | -0.0151 | BAV Rbf. 48,189   | -Ir | 8)  |
| UU Boo   | 52784.546    | .004  | AG      | +0.149  | GCVS 85           |     | 1)  |
|          | 52807.3986   | .0028 | PC      | +0.1552 | GCVS 85           | -Ir | 8)  |
|          | 52827.501    | .005  | AG      | +0.153  | GCVS 85           |     | 1)  |
|          | 53069.678 :  | .002  | PC      | +0.163  | GCVS 85           | -Ir | 8)  |
|          | 53096.634 :  | .002  | PC      | +0.160  | GCVS 85           | -Ir | 8)  |
| UY Boo   | 53097.546    | .002  | AG      | +0.158  | GCVS 85           |     | 1)  |
|          | 52717.6444   | .0040 | PS      | +0.0420 | BAV Rbf. 48,121   |     | 18) |
|          | 52807.4708   | .0101 | PC      | +0.0416 | BAV Rbf. 48,121   | -Ir | 8)  |
|          | 53049.6120   | .0050 | PS      | +0.0409 | BAV Rbf. 48,121   |     | 18) |
|          | 53137.4585   | .0013 | JU      | +0.0134 | BAV Rbf. 48,121   |     | 3)  |
| XX Boo   | 53137.4613   | .0017 | SCI     | +0.0162 | BAV Rbf. 48,121   |     | 3)  |
|          | 52770.4120   | .0050 | MZ      | +0.0260 | GCVS 85           | -Ir | 10) |
|          | 52813.4255   | .0038 | PC      | +0.0158 | GCVS 85           | -Ir | 8)  |
|          | 53068.6650   | .0063 | PC      | +0.0200 | GCVS 85           | -Ir | 8)  |
|          | 53096.577 :  | .009  | PC      | +0.024  | GCVS 85           | -Ir | 8)  |
| YZ Boo   | 52737.4654   | .0004 | JU      | +0.0028 | GCVS 85           |     | 3)  |
|          | 53105.4295   | .0005 | JU      | +0.0032 | GCVS 85           |     | 3)  |
| AE Boo   | 53110.579 :  | .008  | PC      | +0.077  | GCVS 85           | -Ir | 8)  |
|          | 53116.5738   | .0051 | PC      | +0.0888 | GCVS 85           | -Ir | 8)  |
| CM Boo   | 52764.4598   |       | BRN STK | -0.0691 | GCVS 85           | -Ir | 4)  |
|          | 53096.3968   | .0010 | QU      | -0.0807 | GCVS 85           | V   | 4)  |
|          | 53116.4985   | .0033 | PC      | -0.0786 | GCVS 85           | -Ir | 8)  |
| CQ Boo   | 53110.575 :  |       | PC      | -0.022  | BAV Rbf. 48,189   | -Ir | 8)  |
|          | 53155.4067   | .0050 | JU      | -0.0092 | BAV Rbf. 48,189   |     | 3)  |
|          | 53164.4245   | .0021 | SCI     | -0.0117 | BAV Rbf. 48,189   |     | 3)  |
| CS Boo   | 53068.6384   | .0030 | PC      | -0.0114 | IBVS 2855         | -Ir | 8)  |
|          | 53097.4245   | .0005 | QU      | -0.0014 | IBVS 2855         | V   | 4)  |
| UY Cam   | 53068.4348   | .0114 | PC      | +0.0412 | BAV Rbf. 49, 41   | -Ir | 8)  |
|          | 53094.344 :  | .102  | PC      | +0.047  | BAV Rbf. 49, 41   | -Ir | 8)  |
| RW Cnc   | 52737.4344   | .0050 | ATB     | +0.1909 | GCVS 85           |     | 1)  |
|          | 53068.5004   | .0073 | PC      | +0.2015 | GCVS 85           | -Ir | 8)  |
| SS Cnc   | 53096.3864   | .0015 | PC      | -0.0143 | BAV Rbf. 49, 41   | -Ir | 8)  |

Table 2: Pulsating stars (cont.)

| Variable | Max JD 24. . . | $\pm$ | Obs | $O - C$ |                   | Fil | Rem |
|----------|----------------|-------|-----|---------|-------------------|-----|-----|
| TT Cnc   | 52982.6647     | .0038 | PC  | +0.0071 | BAV Rbf. 47, 67   | -Ir | 8)  |
|          | 53069.4219     | .0051 | PC  | -0.0072 | BAV Rbf. 47, 67   | -Ir | 8)  |
|          | 53095.361 :    | .008  | PC  | +0.013  | BAV Rbf. 47, 67   | -Ir | 8)  |
| VZ Cnc   | 53056.3838     | .0010 | SCI | -0.0014 | GCVS 85           |     | 3)  |
|          | 53064.4091     | .0021 | JU  | -0.0025 | GCVS 85           |     | 3)  |
| AQ Cnc   | 53069.4076     | .0079 | PC  | -0.0628 | GCVS 85           | -Ir | 8)  |
| EZ Cnc   | 53110.3665     | .0042 | PC  |         |                   | -Ir | 8)  |
| W CVn    | 52749.4110     | .0011 | JU  | -0.0123 | SAC 70            |     | 3)  |
|          | 52813.4154     | .0026 | PC  | -0.0117 | SAC 70            | -Ir | 8)  |
|          | 53091.4984     | .0020 | MZ  | -0.0141 | SAC 70            | -Ir | 10) |
|          | 53112.4621     | .0007 | JU  | -0.0171 | SAC 70            |     | 3)  |
| Z CVn    | 52764.4223     | .0008 | JU  | +0.2027 | GCVS 85           |     | 3)  |
|          | 52815.4242     | .0015 | JU  | +0.2067 | GCVS 85           |     | 3)  |
|          | 53151.5135     | .0024 | SCI | +0.2331 | GCVS 85           |     | 3)  |
|          | 53155.4311     | .0024 | SCI | +0.2278 | GCVS 85           |     | 3)  |
| RR CVn   | 53110.5183     | .0026 | PC  |         |                   | -Ir | 8)  |
| RZ CVn   | 52807.4148     | .0042 | PC  | +0.0640 | BAV Rbf. 48,189   | -Ir | 8)  |
|          | 53065.583      | .001  | PC  | +0.065  | BAV Rbf. 48,189   | -Ir | 8)  |
|          | 53111.5615     | .0062 | PC  | +0.0845 | BAV Rbf. 48,189   | -Ir | 8)  |
|          | 53165.4481     | .0014 | SCI | +0.0681 | BAV Rbf. 48,189   |     | 3)  |
| SS CVn   | 53096.5349     | .0057 | PC  |         |                   | -Ir | 8)  |
|          | 53110.4698     | .0044 | PC  |         |                   | -Ir | 8)  |
| ST CVn   | 53116.5621     | .1080 | PC  | -0.0771 | BAV Rbf. 49,105   | -Ir | 8)  |
| SW CVn   | 53068.5572     | .0795 | PC  |         |                   | -Ir | 8)  |
| UV CVn   | 52802.4400     | .0083 | PC  | +0.0303 | GCVS 85           | -Ir | 8)  |
|          | 53069.615 :    | .006  | PC  | +0.039  | GCVS 85           | -Ir | 8)  |
|          | 53069.6649     | .0029 | PC  | -0.0160 | BAV Rbf. 49, 41   | -Ir | 8)  |
| UZ CVn   | 53111.5291     | .0044 | PC  | -0.0196 | BAV Rbf. 49, 41   | -Ir | 8)  |
|          | 53076.572      | .005  | AG  | +0.044  | GCVS 85           | -Ir | 1)  |
|          | 53081.577      | .005  | AG  | +0.047  | GCVS 85           | -Ir | 1)  |
|          | 53098.361      | .003  | AG  | +0.039  | GCVS 85           |     | 1)  |
| XZ CVn   | 53081.529      | .005  | AG  | +0.067  | GCVS 85           | -Ir | 1)  |
| BN CVn   | 53106.4989     | .0059 | PC  | +0.0535 | BAVM 75           | -Ir | 8)  |
| SY CMi   | 52285.5435     | .0080 | PS  |         |                   |     | 20) |
| AD CMi   | 52984.598 :    | .002  | PC  | -0.001  | GCVS 85           | -Ir | 8)  |
|          | 53028.5055     | .0008 | MZ  | +0.0042 | GCVS 85           | -Ir | 10) |
| AH CMi   | 53094.3398     | .0010 | MZ  |         |                   | -Ir | 10) |
| AL CMi   | 53081.4043     | .0020 | MZ  | -0.0136 | BAV Rbf. 49, 41   | -Ir | 10) |
| AS CMi   | 52283.5285     | .0070 | PS  |         |                   |     | 20) |
|          | 52287.4705     | .0050 | PS  |         |                   |     | 20) |
| V470 Cas | 52898.547      | .010  | AG  | +0.183  | IBVS 4332 BAVM 87 | -Ir | 1)  |
| RZ Cep   | 52898.4679     | .0100 | PC  | -0.0750 | GCVS 85           | -Ir | 8)  |
|          | 52929.6428     | .0100 | PC  | -0.0773 | GCVS 85           | -Ir | 8)  |
|          | 52956.4872     | .0073 | PC  | -0.0885 | GCVS 85           | -Ir | 8)  |
| AQ Cep   | 52840.4272     | .0040 | MZ  |         |                   | -Ir | 10) |
| EZ Cep   | 52941.5459     | .0017 | PC  |         |                   | -Ir | 8)  |
|          | 52982.4810     | .0033 | PC  |         |                   | -Ir | 8)  |
| FP Cep   | 52901.4218     | .0001 | MZ  |         |                   | V   | 10) |
| RR Cet   | 52929.4915     | .0027 | PC  | +0.0056 | GCVS 85           | -Ir | 8)  |
| S Com    | 53121.3633     | .0007 | JU  | +0.0049 | SAC 73            |     | 3)  |
| U Com    | 53096.521 :    | .009  | PC  | -0.010  | BAV Rbf. 49, 41   | -Ir | 8)  |
|          | 53097.4142     | .0040 | MZ  | +0.0051 | BAV Rbf. 49, 41   | -Ir | 10) |
| V Com    | 53106.4790     | .0029 | PC  | +0.0287 | GCVS 85           | -Ir | 8)  |
| ST Com   | 52759.4269     | .0015 | JU  | +0.0006 | BAV Rbf. 47, 67   |     | 3)  |
| UW Com   | 53095.526      | .003  | AG  |         |                   | -Ir | 1)  |
| CZ Com   | 53095.582      | .005  | AG  |         |                   |     | 1)  |
| RV CrB   | 52802.560 :    | .004  | PC  | -0.101  | GCVS 85           | -Ir | 8)  |
|          | 52807.538 :    | .006  | PC  | -0.096  | GCVS 85           | -Ir | 8)  |
|          | 52813.5012     | .0051 | PC  | -0.1011 | GCVS 85           | -Ir | 8)  |
| SU CrB   | 52856.448      | .005  | AG  |         |                   |     | 1)  |

Table 2: Pulsating stars (cont.)

| Variable    | Max JD 24. . . | $\pm$      | Obs     | $O - C$ |                   | Fil     | Rem |    |
|-------------|----------------|------------|---------|---------|-------------------|---------|-----|----|
| SZ CrB      | 53111.624 :    | .004       | PC      | +0.005  | BAV Rbf. 49, 41   | -Ir     | 8)  |    |
|             | 53116.5529     | .0033      | PC      | -0.0018 | BAV Rbf. 49, 41   | -Ir     | 8)  |    |
| WX CrB      | 52793.506 :    | .005       | AG      |         |                   |         | 1)  |    |
|             | 52841.512      | .010       | AG      |         |                   | -Ir     | 1)  |    |
|             | 52855.478      | .003       | AG      |         |                   |         | 1)  |    |
|             | 52856.441      | .005       | AG      |         |                   |         | 1)  |    |
|             | 53082.566      | .003       | AG      |         |                   | -Ir     | 1)  |    |
| UY Cyg      | 52925.4653     | .0030      | ATB     | +0.0517 | GCVS 85           |         | 1)  |    |
| XX Cyg      | 52840.5025     | .0017      | PC      | +0.0045 | GCVS 85           | -Ir     | 8)  |    |
|             | 52876.3725     | .0002      | WTR     | +0.0003 | GCVS 85           |         | 15) |    |
| XZ Cyg      | 52931.4030     | .0021      | PC      | +0.0059 | GCVS 85           | -Ir     | 8)  |    |
|             | 52839.4970     | .0010      | SCI     | +0.0169 | BAV Rbf. 48,189   |         | 3)  |    |
|             | 52840.4352     | .0024      | PC      | +0.0219 | BAV Rbf. 48,189   | -Ir     | 8)  |    |
|             | 52854.4248     |            | SE      | +0.0137 | BAV Rbf. 48,189   | -Ir     | 17) |    |
|             | 52867.4882     | .0028      | SCI     | +0.0124 | BAV Rbf. 48,189   |         | 3)  |    |
|             | 52874.4979     |            | SE      | +0.0232 | BAV Rbf. 48,189   | -Ir     | 17) |    |
|             | 52897.3575     | .0100      | PC      | +0.0196 | BAV Rbf. 48,189   | -Ir     | 8)  |    |
|             | 52925.3461     |            | SE      | +0.0125 | BAV Rbf. 48,189   | -Ir     | 17) |    |
|             | 52941.2334     | .0049      | PC      | +0.0356 | BAV Rbf. 48,189   | -Ir     | 8)  |    |
| DM Cyg      | 52856.4259     |            | SE      | -0.0050 | BAV Rbf. 51, 98ff | -Ir     | 17) |    |
|             | 52885.3939     | .0014      | SCI     | -0.0076 | BAV Rbf. 51, 98ff |         | 3)  |    |
|             | 52898.4148     | .0028      | PC      | -0.0024 | BAV Rbf. 51, 98ff | -Ir     | 8)  |    |
|             | 52909.3240     | .0007      | WTR     | -0.0097 | BAV Rbf. 51, 98ff |         | 15) |    |
|             | 52927.3892     | .0021      | PC      | +0.0014 | BAV Rbf. 51, 98ff | -Ir     | 8)  |    |
|             | 52930.3274     | .0028      | PC      | +0.0005 | BAV Rbf. 51, 98ff | -Ir     | 8)  |    |
|             | 52983.2243     | .0014      | ATB     | -0.0053 | BAV Rbf. 51, 98ff |         | 1)  |    |
| V357 Cyg    | 52876.3770     | .0010      | FR      |         |                   |         | 13) |    |
| V881 Cyg    | 52941.3243     | .0005      | FR      |         |                   |         | 13) |    |
| V882 Cyg    | 52941.2809     | .0010      | FR      |         |                   |         | 13) |    |
| V894 Cyg    | 52836.5754     | .0039      | PC      | +0.0016 | BAV Rbf. 49, 41   | -Ir     | 8)  |    |
| V939 Cyg    | 52802.451 :    | .010       | AG      | +0.036  | BAVM 92           |         | 1)  |    |
| V1815 Cyg   | 52956.4490     | .0091      | PC      |         |                   | -Ir     | 8)  |    |
| AX Del      | 52941.2827     | .0069      | ATB     |         |                   |         | 1)  |    |
| DX Del      | 52907.3878     | .0011      | JU      | +0.0036 | Monthly Notices   |         | 3)  |    |
|             | 52925.3524     | .0035      | ATB     | +0.0087 | Monthly Notices   |         | 1)  |    |
| VW Dor      | 53107.440      | .002       | HND     |         |                   |         | 16) |    |
| RW Dra      | 52812.5393     | .0024      | PC      | +0.1469 | GCVS 85           | -Ir     | 8)  |    |
|             | 52840.4381     | .0010      | SCI     | +0.1420 | GCVS 85           |         | 3)  |    |
|             | 52844.4233     | .0008      | JU      | +0.1409 | GCVS 85           |         | 3)  |    |
|             | 52852.3976     | .0021      | SCI     | +0.1427 | GCVS 85           |         | 3)  |    |
|             | 52855.5107     | .0007      | JU      | +0.1554 | GCVS 85           |         | 3)  |    |
|             | 52878.5402     | .0010      | SCI     | +0.1532 | GCVS 85           |         | 3)  |    |
|             | 52887.3658     | .0017      | SCI     | +0.1205 | GCVS 85           |         | 3)  |    |
|             | 52898.4755     | .0010      | SCI     | +0.1572 | GCVS 85           |         | 3)  |    |
|             | 52903.3562     | .0009      | SCI     | +0.1659 | GCVS 85           |         | 3)  |    |
|             | 52929.4603     | .0019      | SCI     | +0.1379 | GCVS 85           |         | 3)  |    |
|             | 52949.4371     | .0013      | SCI     | +0.1834 | GCVS 85           |         | 3)  |    |
|             | 52981.3001     | .0014      | SCI     | +0.1564 | GCVS 85           |         | 3)  |    |
|             | 53150.5151     | .0016      | SCI     | +0.1771 | GCVS 85           |         | 3)  |    |
|             | SU Dra         | 52744.4495 | .0010   | JU      | +0.0393           | GCVS 85 |     | 3) |
|             |                | 52746.4320 | .0013   | JU      | +0.0405           | GCVS 85 |     | 3) |
| 52773.509 : |                | .004       | JU      | +0.041  | GCVS 85           |         | 3)  |    |
| 52950.5016  |                |            | BRN STK | +0.0404 | GCVS 85           | V       | 4)  |    |
| 53028.4332  |                | .0010      | JU      | +0.0424 | GCVS 85           |         | 3)  |    |
| SW Dra      | 53096.4583     | .0049      | PC      | +0.0442 | GCVS 85           | -Ir     | 8)  |    |
|             | 52936.4670     |            | BRN STK | +0.0100 | BAV Rbf. 47, 67   | V       | 4)  |    |
|             | 53068.6323     | .0041      | PC      | +0.0113 | BAV Rbf. 47, 67   | -Ir     | 8)  |    |
|             | 53096.5417     | .0044      | PC      | +0.0068 | BAV Rbf. 47, 67   | -Ir     | 8)  |    |
|             | 53116.4844     | .0045      | PC      | +0.0110 | BAV Rbf. 47, 67   | -Ir     | 8)  |    |
| VZ Dra      | 52813.3998     | .0093      | PC      | -0.1079 | GCVS 85           | -Ir     | 8)  |    |

Table 2: Pulsating stars (cont.)

| Variable   | Max JD 24. . . | $\pm$      | Obs     | $O - C$ |                  | Fil               | Rem |     |
|------------|----------------|------------|---------|---------|------------------|-------------------|-----|-----|
| VZ Dra     | 52836.5132     | .0083      | SCI     | -0.1088 | GCVS 85          |                   | 3)  |     |
|            | 52927.3388     | .0032      | SCI     | -0.1349 | GCVS 85          |                   | 3)  |     |
|            | 52929.2829     | .0003      | BRN STK | -0.1169 | GCVS 85          | V                 | 4)  |     |
| XZ Dra     | 52903.4550     | .0011      | JU      | -0.0744 | GCVS 85          |                   | 3)  |     |
| BT Dra     | 53096.582 :    | .003       | PC      |         |                  | -Ir               | 8)  |     |
| DD Dra     | 52804.4501     | .0045      | SCI     | +0.0086 | BAV Rbf. 49, 6   |                   | 3)  |     |
|            | 52819.4670     | .0021      | SCI     | -0.0070 | BAV Rbf. 49, 6   |                   | 3)  |     |
|            | 52819.4733     | .0040      | JU      | -0.0007 | BAV Rbf. 49, 6   |                   | 3)  |     |
| RR Gem     | 52820.4544     | .0019      | JU      | +0.0000 | BAV Rbf. 49, 6   |                   | 3)  |     |
|            | 51956.4068     |            | BRN STK | +0.0110 | BAV Rbf. 47, 67  | -Ir               | 4)  |     |
|            | 52751.3845     | .0016      | ATB     | +0.0066 | BAV Rbf. 47, 67  |                   | 1)  |     |
|            | 52982.6122     | .0025      | PC      | +0.0101 | BAV Rbf. 47, 67  | -Ir               | 8)  |     |
|            | 52984.5940     | .0019      | PC      | +0.0055 | BAV Rbf. 47, 67  | -Ir               | 8)  |     |
|            | 52996.515 :    | .002       | PC      | +0.007  | BAV Rbf. 47, 67  | -Ir               | 8)  |     |
|            | 53056.5014     | .0010      | SCI     | +0.0029 | BAV Rbf. 47, 67  |                   | 3)  |     |
|            | 53068.4173     | .0019      | PC      | +0.0001 | BAV Rbf. 47, 67  | -Ir               | 8)  |     |
| SZ Gem     | 53070.4033     | .0019      | PC      | -0.0004 | BAV Rbf. 47, 67  | -Ir               | 8)  |     |
|            | 53074.3829     | .0007      | JU      | +0.0063 | BAV Rbf. 47, 67  |                   | 3)  |     |
|            | 52717.3673     |            | BRN STK | +0.0068 | BAV Rbf. 48, 65  | -Ir               | 4)  |     |
|            | 52981.4634     | .0010      | QU      | +0.0062 | BAV Rbf. 48, 65  | V                 | 4)  |     |
|            | GI Gem         | 52721.3938 | .0021   | ATB     | -0.0041          | BAV Rbf. 51, 40ff |     | 1)  |
|            | TW Her         | 52813.5358 | .0016   | PC      | -0.0067          | GCVS 85           | -Ir | 8)  |
|            | VX Her         | 52802.4471 | .0016   | PC      | +0.0918          | GCVS 85           | -Ir | 8)  |
|            |                | 52807.4563 |         | SE      | +0.0919          | GCVS 85           | -Ir | 17) |
| 52807.4577 |                | .0031      | PC      | +0.0933 | GCVS 85          | -Ir               | 8)  |     |
| 52812.4658 |                |            | SE      | +0.0923 | GCVS 85          | -Ir               | 17) |     |
| 52827.4886 |                | .0005      | JU      | +0.0878 | GCVS 85          |                   | 3)  |     |
| 52843.4265 |                | .0008      | JU      | +0.0877 | GCVS 85          |                   | 3)  |     |
| VZ Her     |                | 52812.4874 | .0007   | SCI     | +0.0575          | GCVS 85           |     | 3)  |
|            |                | 52812.4895 | .0010   | JU      | +0.0596          | GCVS 85           |     | 3)  |
|            | 52812.4912     | .0025      | PC      | +0.0613 | GCVS 85          | -Ir               | 8)  |     |
|            | 52816.4521     | .0005      | JU      | +0.0592 | GCVS 85          |                   | 3)  |     |
|            | 52831.4223     |            | SE      | +0.0583 | GCVS 85          | -Ir               | 4)  |     |
|            | 52868.4122     |            | SE      | +0.0606 | GCVS 85          | -Ir               | 17) |     |
| AF Her     | 53082.517      | .003       | AG      | -0.027  | BAV Rbf. 49,105  | -Ir               | 1)  |     |
| AR Her     | 52834.5023     | .0010      | JU      | +0.0183 | BAV Rbf. 52, 3ff |                   | 3)  |     |
|            | 53148.4676     | .0010      | JU      | +0.0339 | BAV Rbf. 52, 3ff |                   | 3)  |     |
|            | 53163.4769     | .0028      | SCI     | +0.0037 | BAV Rbf. 52, 3ff |                   | 3)  |     |
| DL Her     | 52813.3998     | .0093      | PC      | +0.0462 | GCVS 85          | -Ir               | 8)  |     |
| DY Her     | 53145.4558     | .0015      | JU      | -0.0024 | BAV Rbf. 48,189  |                   | 3)  |     |
| EP Her     | 52928.2930     | .0021      | ATB     |         |                  |                   | 1)  |     |
| IP Her     | 52931.2971     | .0035      | ATB     |         |                  |                   | 1)  |     |
| V448 Her   | 53082.562      | .003       | AG      |         |                  | -Ir               | 1)  |     |
| V734 Her   | 52797.4472     | .0002      | MZ      |         |                  | V                 | 19) |     |
| SZ Hya     | 53051.3868     | .0015      | HND     | -0.1302 | GCVS 85          |                   | 17) |     |
| CQ Lac     | 52949.4255     | .0028      | ATB     |         |                  |                   | 1)  |     |
| CZ Lac     | 52836.4477     | .0016      | JU      | -0.0012 | BAV Rbf. 53, 12f |                   | 3)  |     |
|            | 52855.469      | .005       | AG      | +0.004  | BAV Rbf. 53, 12f | -Ir               | 1)  |     |
|            | 52878.363      | .003       | AG      | -0.008  | BAV Rbf. 53, 12f | -Ir               | 1)  |     |
|            | 52903.4402     | .0009      | WTR     | +0.0028 | BAV Rbf. 53, 12f |                   | 15) |     |
|            | 52910.3508     | .0009      | WTR     | -0.0015 | BAV Rbf. 53, 12f |                   | 15) |     |
|            | 52929.3722     | .0015      | SE      | +0.0038 | BAV Rbf. 53, 12f | -Ir               | 17) |     |
|            | 52929.3780     | .0038      | PC      | +0.0096 | BAV Rbf. 53, 12f | -Ir               | 8)  |     |
|            | 52984.2631     | .0043      | PC      | +0.0073 | BAV Rbf. 53, 12f | -Ir               | 8)  |     |
| DE Lac     | 53010.2844     | .0035      | ATB     | +0.0284 | GCVS 85          |                   | 1)  |     |
| PW Lac     | 52902.4132     | .0006      | MZ      | +0.0370 | BAVM 75          | V                 | 10) |     |
|            | 52926.4984     | .0021      | ATB     | +0.0408 | BAVM 75          |                   | 1)  |     |
|            | 52928.5491     | .0021      | ATB     | +0.0421 | BAVM 75          |                   | 1)  |     |
|            | 52981.3182     | .0040      | MZ      | +0.0372 | BAVM 75          | -Ir               | 10) |     |
| RR Leo     | 52717.4548     |            | BRN STK | +0.0255 | BAV Rbf. 47, 67  | -Ir               | 4)  |     |



Table 2: Pulsating stars (cont.)

| Variable | Max JD 24. . . | $\pm$ | Obs | $O - C$ |                   | Fil | Rem |
|----------|----------------|-------|-----|---------|-------------------|-----|-----|
| RR Leo   | 53068.5139     | .0017 | PC  | +0.0256 | BAV Rbf. 47, 67   | -Ir | 8)  |
|          | 53145.4225     | .0007 | QU  | +0.0269 | BAV Rbf. 47, 67   | V   | 4)  |
| AA Leo   | 53082.5028     | .0020 | MZ  | +0.0044 | BAV Rbf. 49, 41   | -Ir | 10) |
| DL Leo   | 53110.4120     | .0030 | MZ  | +0.0348 | IBVS 2533         | -Ir | 10) |
| DM Leo   | 52726.4079     | .0014 | MZ  |         |                   | -Ir | 10) |
|          | 52736.4540     | .0007 | MZ  |         |                   | -Ir | 10) |
|          | 52745.4412     | .0005 | MZ  |         |                   | -Ir | 10) |
|          | 52753.3844     | .0100 | MZ  |         |                   | -Ir | 10) |
|          | 52763.4168     | .0023 | MZ  |         |                   | -Ir | 10) |
| V LMi    | 53069.4821     | .0033 | PC  |         |                   | -Ir | 8)  |
|          | 53070.5680     | .0050 | PC  |         |                   | -Ir | 8)  |
|          | 53105.3789     | .0018 | PC  |         |                   | -Ir | 8)  |
|          | 53111.3641     | .0045 | PC  |         |                   | -Ir | 8)  |
| RW Lyn   | 52721.5165     | .0014 | ATB | +0.0042 | BAV Rbf. 47, 35   |     | 1)  |
| SZ Lyn   | 53052.4285     | .0004 | JU  | +0.0215 | GCVS 85           |     | 3)  |
|          | 53070.3860     | .0038 | PC  | +0.0193 | GCVS 85           | -Ir | 8)  |
|          | 53090.3992     | .0052 | PC  | +0.0237 | GCVS 85           | -Ir | 8)  |
|          | 53094.3780     | .0015 | PC  | +0.0248 | GCVS 85           | -Ir | 8)  |
|          | 53096.4229     | .0004 | JU  | +0.0206 | GCVS 85           |     | 3)  |
|          | 53099.4361     | .0004 | JU  | +0.0205 | GCVS 85           |     | 3)  |
| TT Lyn   | 52747.4078     | .0040 | ATB |         |                   |     | 1)  |
| TV Lyn   | 53068.4542     | .0042 | PC  | +0.0228 | GCVS 85           | -Ir | 8)  |
|          | 53069.4104     | .0086 | PC  | +0.0164 | GCVS 85           | -Ir | 8)  |
|          | 53095.4104     | .0056 | PC  | +0.0261 | GCVS 85           | -Ir | 8)  |
| TW Lyn   | 53097.519      | .003  | AG  | +0.051  | GCVS 85           | -Ir | 1)  |
| AN Lyn   | 53070.4680     | .0039 | PC  |         |                   | -Ir | 8)  |
|          | 53090.4117     | .0021 | PC  |         |                   | -Ir | 8)  |
| BE Lyn   | 53056.4841     | .0010 | JU  | +0.0045 | Rev Mex 20,37     |     | 3)  |
|          | 53056.5813     | .0010 | JU  | +0.0058 | Rev Mex 20,37     |     | 3)  |
|          | 53094.3704     | .0068 | PC  | +0.0223 | Rev Mex 20,37     | -Ir | 8)  |
|          | 53111.3227     | .0024 | PC  | +0.0057 | Rev Mex 20,37     | -Ir | 8)  |
|          | 53111.4184     | .0026 | PC  | +0.0056 | Rev Mex 20,37     | -Ir | 8)  |
|          | 53111.5164     | .0032 | PC  | +0.0077 | Rev Mex 20,37     | -Ir | 8)  |
| RR Lyr   | 52850.4053     | .0024 | SCI | +0.0122 | SAC 73            |     | 3)  |
| RZ Lyr   | 52849.4607     | .0014 | SCI | -0.0037 | BAV Rbf. 48,189   |     | 3)  |
|          | 52849.4648     | .0011 | JU  | +0.0004 | BAV Rbf. 48,189   |     | 3)  |
|          | 52868.3633     | .0040 | WTR | -0.0171 | BAV Rbf. 48,189   |     | 15) |
|          | 52956.3154     | .0035 | ATB | +0.0013 | BAV Rbf. 48,189   |     | 1)  |
|          | 52796.4458     | .0006 | MZ  | +0.1572 | GCVS 85           | V   | 10) |
| EX Lyr   | 52846.4413     | .0007 | WTR | +0.0204 | BAV Rbf. 34,145ff |     | 15) |
| IO Lyr   | 52949.2847     | .0021 | ATB | -0.0288 | GCVS 85           |     | 1)  |
| KX Lyr   | 52926.3384     | .0024 | ATB |         |                   |     | 1)  |
| NQ Lyr   | 52930.3097     | .0035 | ATB | -0.0013 | GCVS 85           |     | 1)  |
| V462 Lyr | 52929.3890     | .0056 | ATB | +0.0866 | GCVS 85           |     | 1)  |
| V785 Oph | 52835.4467     | .0026 | PC  | -0.0098 | GCVS 85           | -Ir | 8)  |
| CM Ori   | 52983.5754     | .0100 | PC  | +0.0131 | BAV Rbf. 49,105   | -Ir | 8)  |
| V964 Ori | 53028.4255     | .0006 | MZ  | -0.0254 | BAV Rbf. 49,105   | -Ir | 10) |
| VV Peg   | 52908.4898     | .0010 | SCI | -0.0275 | GCVS 87           |     | 3)  |
| AV Peg   | 52897.4542     | .0028 | PC  | +0.0214 | BAV Rbf. 47, 67   | -Ir | 8)  |
|          | 52904.4793     | .0010 | SCI | +0.0196 | BAV Rbf. 47, 67   |     | 3)  |
|          | 52908.3807     | .0005 | JU  | +0.0173 | BAV Rbf. 47, 67   |     | 3)  |
|          | 52931.4143     | .0017 | PC  | +0.0186 | BAV Rbf. 47, 67   | -Ir | 8)  |
|          | 52940.3916     | .0014 | PC  | +0.0172 | BAV Rbf. 47, 67   | -Ir | 8)  |
|          | 52928.4663     | .0028 | ATB | +0.0389 | BAV Rbf. 49, 41   |     | 1)  |
| BF Peg   | 52940.3691     | .0033 | PC  | +0.0425 | BAV Rbf. 49, 41   | -Ir | 8)  |
|          | 52855.5151     | .0038 | SCI | -0.0125 | BAV Rbf. 47, 67   |     | 3)  |
| BH Peg   | 52862.5516     | .0024 | SCI | -0.0268 | BAV Rbf. 47, 67   |     | 3)  |
|          | 52864.4888     | .0056 | SCI | -0.0126 | BAV Rbf. 47, 67   |     | 3)  |
|          | 52887.5768     | .0038 | SCI | -0.0001 | BAV Rbf. 47, 67   |     | 3)  |
|          | 52896.6097     | .0049 | SCI | +0.0589 | BAV Rbf. 47, 67   |     | 3)  |

Table 2: Pulsating stars (cont.)

| Variable | Max JD 24. . . | $\pm$ | Obs     | $O - C$ |                 | Fil | Rem     |
|----------|----------------|-------|---------|---------|-----------------|-----|---------|
| BH Peg   | 52900.4218     | .0049 | SCI     | +0.0251 | BAV Rbf. 47, 67 |     | 3)      |
|          | 52907.4774     | .0056 | SCI     | +0.0298 | BAV Rbf. 47, 67 |     | 3)      |
|          | 52950.4066     | .0026 | SCI     | +0.0129 | BAV Rbf. 47, 67 |     | 3)      |
| BP Peg   | 52897.4085     | .0028 | PC      | -0.0052 | BAV Rbf. 48,189 | -Ir | 8)      |
|          | 52898.3927     | .0024 | PC      | -0.0069 | BAV Rbf. 48,189 | -Ir | 8)      |
|          | 52930.3797     | .0026 | PC      | -0.0068 | BAV Rbf. 48,189 | -Ir | 8)      |
| BT Peg   | 52887.529      | .002  | AG      | +0.066  | BAV Rbf. 49,105 |     | 1)      |
|          | 52901.4458     | .0006 | MZ      | +0.0635 | BAV Rbf. 49,105 | V   | 10)     |
|          | 52936.5319     | .0069 | ATB     | +0.0738 | BAV Rbf. 49,105 |     | 1)      |
| CG Peg   | 52897.4196     | .0030 | PC      | -0.0135 | SAC 72          | -Ir | 8)      |
|          | 52904.4218     | .0012 | JU      | -0.0184 | SAC 72          |     | 3)      |
|          | 52941.3275     | .0030 | PC      | -0.0166 | SAC 72          | -Ir | 8)      |
|          | 52956.2761     | .0024 | PC      | -0.0164 | SAC 72          | -Ir | 8)      |
| CV Peg   | 52930.2980     | .0004 | MZ      |         |                 | V   | 10)     |
| DH Peg   | 52897.483 :    | .007  | PC      | +0.024  | GCVS 87         | -Ir | 8)      |
|          | 52898.5039     | .0088 | PC      | +0.0236 | GCVS 87         | -Ir | 8)      |
| ET Peg   | 52930.4417     | .0021 | ATB     |         |                 |     | 1)      |
| AN Per   | 52913.414      | .003  | AG      |         |                 |     | 1)      |
| AR Per   | 52970.3349     | .0010 | JU      | +0.0483 | GCVS 87         |     | 3)      |
|          | 52983.5303     | .0030 | PC      | +0.0516 | GCVS 87         | -Ir | 8)      |
| V433 Per | 52913.434      | .003  | AG      |         |                 |     | 1)      |
| RU Psc   | 52941.4802     | .0056 | PC      | -0.0300 | BAV Rbf. 47, 67 | -Ir | 8)      |
|          | 52981.340 :    | .006  | PC      | +0.009  | BAV Rbf. 47, 67 | -Ir | 8)      |
| SS Psc   | 52929.4634     | .0049 | PC      | +0.0014 | BAV Rbf. 47, 67 | -Ir | 8)      |
|          | 52980.4000     | .0056 | ATB     | -0.0005 | BAV Rbf. 47, 67 |     | 1)      |
| SY Psc   | 52982.3851     | .0020 | MZ      | +0.0868 | GCVS 87         | -Ir | 10)     |
| RU Scl   | 51870.5180     | .0050 | PS      |         |                 |     | 20) red |
|          | 52994.3474     | .0020 | HND     |         |                 |     | 17)     |
|          | 52995.3728     | .0030 | HND     |         |                 |     | 17)     |
|          | 52997.3407     | .0020 | HND     |         |                 |     | 17)     |
| AN Ser   | 52802.4301     | .0046 | PC      | +0.0023 | GCVS 87         | -Ir | 8)      |
| U Tri    | 52929.5156     | .0039 | PC      | -0.0060 | BAV Rbf. 49,105 | -Ir | 8)      |
| UX Tri   | 52925.5927     | .0027 | ATB     |         |                 |     | 1)      |
|          | 52983.4705     | .0017 | ATB     |         |                 |     | 1)      |
|          | 52984.4040     | .0021 | ATB     |         |                 |     | 1)      |
|          | 52984.4060     | .0042 | PC      |         |                 | -Ir | 8)      |
| RV UMa   | 52956.327      |       | BRN STK | +0.003  | BAV Rbf. 48,189 | V   | 4)      |
|          | 53068.6616     | .0020 | PC      | +0.0020 | BAV Rbf. 48,189 | -Ir | 8)      |
|          | 53094.4053     | .0020 | JU      | +0.0022 | BAV Rbf. 48,189 |     | 3)      |
|          | 53106.5806     | .0024 | PC      | +0.0078 | BAV Rbf. 48,189 | -Ir | 8)      |
| SX UMa   | 53068.667 :    | .003  | PC      |         |                 | -Ir | 8)      |
|          | 53096.6320     | .0032 | PC      |         |                 | -Ir | 8)      |
|          | 53116.5939     | .0054 | PC      |         |                 | -Ir | 8)      |
| TU UMa   | 52744.4123     |       | BRN STK | -0.0234 | GCVS 87         | -Ir | 4)      |
|          | 53150.3853     | .0005 | QU      | -0.0260 | GCVS 87         | V   | 4)      |
| AE UMa   | 52745.4702     | .0004 | JU      | -0.0003 | BAV Rbf. 48,189 |     | 3)      |
|          | 53003.5231     | .0004 | SCI     | +0.0014 | BAV Rbf. 48,189 |     | 3)      |
|          | 53028.2942     | .0006 | SCI     | -0.0004 | BAV Rbf. 48,189 |     | 3)      |
|          | 53028.3871     | .0010 | SCI     | +0.0065 | BAV Rbf. 48,189 |     | 3)      |
|          | 53028.4705     | .0005 | SCI     | +0.0039 | BAV Rbf. 48,189 |     | 3)      |
|          | 53028.5522     | .0006 | SCI     | -0.0004 | BAV Rbf. 48,189 |     | 3)      |
|          | 53028.6420     | .0011 | SCI     | +0.0034 | BAV Rbf. 48,189 |     | 3)      |
|          | 53069.4119     | .0016 | PC      | +0.0012 | BAV Rbf. 48,189 | -Ir | 8)      |
|          | 53069.5029     | .0018 | PC      | +0.0062 | BAV Rbf. 48,189 | -Ir | 8)      |
|          | 53070.4493     | .0013 | PC      | +0.0064 | BAV Rbf. 48,189 | -Ir | 8)      |
|          | 53070.532 :    | .002  | PC      | +0.003  | BAV Rbf. 48,189 | -Ir | 8)      |
|          | 53090.4053     | .0027 | PC      | +0.0064 | BAV Rbf. 48,189 | -Ir | 8)      |
|          | 53094.3575     | .0010 | PC      | +0.0018 | BAV Rbf. 48,189 | -Ir | 8)      |
| EX UMa   | 53094.563      | .005  | AG      |         |                 | -Ir | 1)      |
| UZ Vir   | 53069.5537     | .0043 | PC      |         |                 | -Ir | 8)      |

Table 2: Pulsating stars (cont.)

| Variable | Max JD 24... | $\pm$ | Obs   | $O - C$ |                 | Fil | Rem |
|----------|--------------|-------|-------|---------|-----------------|-----|-----|
| DO Vir   | 53094.5605   | .0020 | FR    |         |                 | -Ir | 13) |
|          | 53095.6251   | .0013 | FR    |         |                 | -Ir | 13) |
| FU Vir   | 52722.415 :  | .002  | MS FR | +0.057  | BAV Rbf. 49,105 |     | 7)  |
| BN Vul   | 52836.4572   | .0004 | MZ    | -0.0201 | SAC 73          | -Ir | 10) |
|          | 52867.3492   | .0007 | WTR   | -0.0232 | SAC 73          |     | 15) |
|          | 52889.3344   | .0005 | WTR   | -0.0210 | SAC 73          |     | 15) |
| FH Vul   | 52875.3333   | .0007 | WTR   | -0.0466 | BAV Rbf. 49, 41 |     | 15) |

## Remarks:

|      |                             |      |                                 |
|------|-----------------------------|------|---------------------------------|
| AG : | Agerer, F., Tiefenbach      | ATB: | Achterberg, Dr. H., Norderstedt |
| BRN: | Brauner, B., Herford        | DIE: | Dietrich, M., Radebeul          |
| FR : | Frank, P., Velden           | HND: | Hund, F., Windhoek (Namibia)    |
| HSR: | Husar, Dr. D., Hamburg      | JU : | Jungbluth, Dr. H., Karlsruhe    |
| KI : | Kleikamp, W., Marl          | MS : | Moschner, W., Lennestadt        |
| MZ : | Maintz, G., Bonn            | PC : | Poschinger, K., Hamburg         |
| PRK: | Proksch, W., Winhöring      | PS : | Paschke, A., Rüti               |
| PTT: | Petter, Dr. G., Liegau      | QU : | Quester, W., Esslingen          |
| RAT: | Rätz, M. Herges-Hallenberg  | RCR: | Rätz, Ch. Herges-Hallenberg     |
| SCI: | Schmidt, U. Karlsruhe       | SE : | Schlereth, B., Hassfurth        |
| SG : | Sterzinger, Dr. P, Wien (A) | STK: | Strunk, J., Leopoldshöhe        |
| WTR: | Walter, F., München         |      |                                 |

|                   |  |
|-------------------|--|
| :                 | = uncertain  |
| s                 | = secondary minimum                                      |
| E                 | = CCD- or photoelectric observation                      |
| red               | = reduced results  |
| 1)                | = photometer ST-6 chip 375*242 uncoated                  |
| 2)                | = photometer ST-7  |
| 3)                | = photometer ST-7 chip KAF0400                           |
| 4)                | = photometer ST-7E                                       |
| 5)                | = photometer ST-8E                                       |
| 6)                | = photometer ST-8E chip KAF1602E                         |
| 7)                | = photometer ST-9 chip 512*512                           |
| 8)                | = photometer ST-10 XMR/XME                               |
| 9)                | = photometer Alpha Maxi chip KAF401e                     |
| 10)               | = photometer AlphaMini                                   |
| 11)               | = photometer AP7 chip SITE502AB                          |
| 12)               | = photometer OES-LcCCD11                                 |
| 13)               | = photometer OES-LcCCD12                                 |
| 14)               | = photometer Pictor 1616XT                               |
| 15)               | = photometer Pictor 416XT                                |
| 16)               | = photometer starlight Xpress chip 510*256               |
| 17)               | = photometer starlight Xpress chip 752*580               |
| 18)               | = photometer Cryocam 80A                                 |
| 19)               | = photometer holicam                                     |
| 20)               | = photometer hisis 22                                    |
| GCVS <i>yy</i>    | = General Catalogue of Variable Stars, 4th ed. 19 $yy$   |
| IBVS <i>nnnn</i>  | = Information Bulletin on Variable Stars No. <i>nnnn</i> |
| SAC <i>vv</i>     | = Rocznik Astronomiczny No. <i>vv</i> , Krakow (SAC)     |
| MVS <i>vv,ppp</i> | = Mitteilungen über Veränderl. Sterne; volume,pages      |
| BAVM <i>nnn</i>   | = BAV Mitteilungen No. <i>nnn</i>                        |
| BAV Rbf.          | = BAV Rundbrief  |

**ERRATUM FOR IBVS 5484**

(BAVM 158)

VW Peg 52547.5689 FR correct time: 52547.5272

KQ Gem 52690.3810 AG correct name: KV Gem  
 52690.5576 AG  
 52691.2757 AG  
 52691.4562 AG  
 52692.3516 AG  
 52692.5310 AG  
 52694.3242 AG  
 52694.5028 AG  
 52697.3714 AG

**ERRATUM FOR IBVS 5643****Erratum - Corrections to this paper (BAVM 172)**

AD And 52587.4894 RAT RCR correct time: 52857.4894  
 SW CVn 53068.5572 PC must be deleted

**ERRATUM FOR IBVS 5643****Correction to BAVM 172**

RU ScI 52994.3474 HND correct time: 52994.384

**ERRATUM FOR IBVS 5643 (BAVM 172)**

SY CMi 52285.538 PS has to be deleted

**ERRATUM FOR IBVS 5643 (BAVM 172)**

VV UMa 53106.4463 PC has to be deleted