

**Table 12.** The catalog of radial velocity measurements for the Cepheids V496 Aql, V1344 Aql, V1334 Cyg, AW Per

| Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> | Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> | Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> |
|-----------|----------------|-------------------------------|----------------------------------------|-----------|----------------|-------------------------------|----------------------------------------|-----------|----------------|-------------------------------|----------------------------------------|
| (1)       | (2)            | (3)                           | (4)                                    | (1)       | (2)            | (3)                           | (4)                                    | (1)       | (2)            | (3)                           | (4)                                    |
| V0496 Aql | 50614.521      | 3.21                          | 0.31                                   | V0496 Aql | 51440.281      | 15.40                         | 0.25                                   | V0496 Aql | 52215.149      | 27.54                         | 0.21                                   |
| V0496 Aql | 50621.519      | 4.17                          | 0.38                                   | V0496 Aql | 51443.271      | -0.48                         | 0.18                                   | V0496 Aql | 52438.478      | 13.63                         | 0.17                                   |
| V0496 Aql | 50705.294      | 12.37                         | 0.26                                   | V0496 Aql | 51447.253      | 11.52                         | 0.37                                   | V0496 Aql | 52439.525      | 19.44                         | 0.35                                   |
| V0496 Aql | 50706.280      | -0.52                         | 0.22                                   | V0496 Aql | 51449.263      | -2.83                         | 0.24                                   | V0496 Aql | 52442.480      | 3.58                          | 0.47                                   |
| V0496 Aql | 50707.316      | -1.97                         | 0.28                                   | V0496 Aql | 51453.261      | 16.29                         | 0.27                                   | V0496 Aql | 52446.519      | 20.34                         | 0.28                                   |
| V0496 Aql | 50709.278      | 5.52                          | 0.23                                   | V0496 Aql | 51454.273      | 8.61                          | 0.36                                   | V0496 Aql | 52450.452      | 7.77                          | 0.48                                   |
| V0496 Aql | 50713.272      | -2.14                         | 0.30                                   | V0496 Aql | 51458.169      | 5.21                          | 0.30                                   | V0496 Aql | 52450.456      | 6.64                          | 0.26                                   |
| V0496 Aql | 50718.248      | 17.96                         | 0.27                                   | V0496 Aql | 51707.517      | -7.30                         | 0.20                                   | V0496 Aql | 52453.484      | 21.65                         | 0.34                                   |
| V0496 Aql | 50729.253      | 6.64                          | 0.22                                   | V0496 Aql | 51724.455      | 5.43                          | 0.20                                   | V0496 Aql | 52473.429      | 17.41                         | 0.31                                   |
| V0496 Aql | 50730.227      | 10.20                         | 0.22                                   | V0496 Aql | 51725.516      | 13.80                         | 0.41                                   | V0496 Aql | 52480.490      | 18.84                         | 0.48                                   |
| V0496 Aql | 50731.200      | 17.17                         | 0.18                                   | V0496 Aql | 51736.453      | -1.97                         | 0.35                                   | V0496 Aql | 52484.374      | 4.40                          | 0.19                                   |
| V0496 Aql | 51003.426      | 23.79                         | 0.30                                   | V0496 Aql | 51737.511      | 0.66                          | 0.43                                   | V0496 Aql | 52504.369      | 3.56                          | 0.27                                   |
| V0496 Aql | 51020.515      | 4.61                          | 0.42                                   | V0496 Aql | 51738.461      | 8.25                          | 0.49                                   | V0496 Aql | 52514.398      | 17.06                         | 0.44                                   |
| V0496 Aql | 51021.486      | 9.94                          | 0.36                                   | V0496 Aql | 51739.458      | 11.21                         | 0.17                                   | V0496 Aql | 52515.363      | 21.87                         | 0.29                                   |
| V0496 Aql | 51022.390      | 14.04                         | 0.40                                   | V0496 Aql | 51740.488      | 0.28                          | 0.35                                   | V0496 Aql | 52518.347      | 4.36                          | 0.28                                   |
| V0496 Aql | 51023.369      | 19.86                         | 0.23                                   | V0496 Aql | 51741.487      | -7.47                         | 0.25                                   | V0496 Aql | 52530.323      | 7.77                          | 0.34                                   |
| V0496 Aql | 51024.391      | 26.97                         | 0.66                                   | V0496 Aql | 51742.468      | -4.93                         | 0.35                                   | V0496 Aql | 52533.345      | 10.98                         | 0.78                                   |
| V0496 Aql | 51026.402      | 7.04                          | 0.30                                   | V0496 Aql | 51743.441      | -2.39                         | 0.31                                   | V0496 Aql | 52538.185      | 2.04                          | 0.16                                   |
| V0496 Aql | 51027.399      | 7.45                          | 0.26                                   | V0496 Aql | 51744.424      | 3.08                          | 0.32                                   | V0496 Aql | 52817.520      | -3.82                         | 0.31                                   |
| V0496 Aql | 51028.375      | 10.44                         | 0.39                                   | V0496 Aql | 51745.377      | 9.91                          | 0.32                                   | V0496 Aql | 52820.514      | 10.73                         | 0.26                                   |
| V0496 Aql | 51028.387      | 11.48                         | 0.31                                   | V0496 Aql | 51746.396      | 11.01                         | 0.27                                   | V0496 Aql | 52824.456      | -4.32                         | 0.32                                   |
| V0496 Aql | 51029.343      | 14.59                         | 0.19                                   | V0496 Aql | 52100.420      | 19.77                         | 0.31                                   | V0496 Aql | 52834.431      | 12.33                         | 0.26                                   |
| V0496 Aql | 51030.349      | 21.13                         | 0.20                                   | V0496 Aql | 52101.388      | 5.80                          | 0.42                                   | V0496 Aql | 52839.442      | 1.97                          | 0.36                                   |
| V0496 Aql | 51031.359      | 26.67                         | 0.25                                   | V0496 Aql | 52193.238      | 17.47                         | 0.39                                   | V0496 Aql | 52842.406      | 13.89                         | 0.35                                   |
| V0496 Aql | 51033.382      | 5.51                          | 0.26                                   | V0496 Aql | 52194.233      | 23.80                         | 0.45                                   | V0496 Aql | 53178.482      | -7.03                         | 0.24                                   |
| V0496 Aql | 51034.390      | 7.56                          | 0.22                                   | V0496 Aql | 52196.182      | 23.11                         | 0.27                                   | V0496 Aql | 53179.401      | -3.78                         | 0.26                                   |
| V0496 Aql | 51035.368      | 12.12                         | 0.20                                   | V0496 Aql | 52197.200      | 9.91                          | 0.27                                   | V0496 Aql | 53180.476      | 0.62                          | 0.24                                   |
| V0496 Aql | 51037.402      | 21.84                         | 0.33                                   | V0496 Aql | 52208.217      | 25.90                         | 0.24                                   | V0496 Aql | 53181.493      | 7.02                          | 0.36                                   |
| V0496 Aql | 51038.384      | 25.44                         | 0.29                                   | V0496 Aql | 52210.155      | 16.17                         | 0.36                                   | V0496 Aql | 53182.489      | 11.88                         | 0.36                                   |
| V0496 Aql | 51041.268      | 8.17                          | 0.32                                   | V0496 Aql | 52211.174      | 9.55                          | 0.21                                   | V0496 Aql | 53190.456      | -0.67                         | 0.42                                   |
| V0496 Aql | 51071.298      | 19.93                         | 0.28                                   | V0496 Aql | 52214.169      | 20.63                         | 0.59                                   | V0496 Aql | 53197.473      | -4.95                         | 0.37                                   |

Table 12. (Contd.)

| Name      | JD<br>–2400000 | $V_R$ ,<br>km s <sup>–1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>–1</sup> | Name      | JD<br>–2400000 | $V_R$ ,<br>km s <sup>–1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>–1</sup> | Name      | JD<br>–2400000 | $V_R$ ,<br>km s <sup>–1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>–1</sup> |
|-----------|----------------|-------------------------------|----------------------------------------|-----------|----------------|-------------------------------|----------------------------------------|-----------|----------------|-------------------------------|----------------------------------------|
| (1)       | (2)            | (3)                           | (4)                                    | (1)       | (2)            | (3)                           | (4)                                    | (1)       | (2)            | (3)                           | (4)                                    |
| V0496 Aql | 53207.486      | 0.12                          | 0.27                                   | V0496 Aql | 53978.259      | 17.86                         | 0.26                                   | V0496 Aql | 55503.174      | 15.47                         | 0.32                                   |
| V0496 Aql | 53240.365      | –4.30                         | 0.24                                   | V0496 Aql | 53979.288      | 18.21                         | 0.41                                   | V0496 Aql | 55504.165      | 12.50                         | 0.41                                   |
| V0496 Aql | 53256.382      | 7.97                          | 0.32                                   | V0496 Aql | 53983.281      | 7.49                          | 0.47                                   | V0496 Aql | 55792.369      | –7.06                         | 0.30                                   |
| V0496 Aql | 53256.388      | 8.83                          | 0.33                                   | V0496 Aql | 53985.239      | 18.80                         | 0.29                                   | V0496 Aql | 55793.338      | –2.69                         | 0.28                                   |
| V0496 Aql | 53266.297      | –7.03                         | 0.27                                   | V0496 Aql | 53991.310      | 12.92                         | 0.22                                   | V0496 Aql | 55794.352      | 1.36                          | 0.25                                   |
| V0496 Aql | 53270.315      | 9.66                          | 0.28                                   | V0496 Aql | 54256.430      | 6.59                          | 0.34                                   | V0496 Aql | 55795.341      | 8.31                          | 0.35                                   |
| V0496 Aql | 53279.327      | –4.02                         | 0.82                                   | V0496 Aql | 54262.526      | 2.68                          | 0.28                                   | V0496 Aql | 55796.360      | 11.71                         | 0.37                                   |
| V0496 Aql | 53285.293      | 6.87                          | 0.50                                   | V0496 Aql | 54264.539      | 14.36                         | 0.30                                   | V0496 Aql | 55797.352      | 1.97                          | 0.31                                   |
| V0496 Aql | 53534.521      | 17.65                         | 0.20                                   | V0496 Aql | 54265.546      | 8.08                          | 0.38                                   | V0496 Aql | 55798.358      | –5.92                         | 0.82                                   |
| V0496 Aql | 53544.546      | 13.86                         | 0.31                                   | V0496 Aql | 54271.533      | 13.99                         | 0.33                                   | V0496 Aql | 55798.361      | –5.91                         | 0.59                                   |
| V0496 Aql | 53550.379      | 27.50                         | 0.39                                   | V0496 Aql | 54275.523      | 1.28                          | 0.45                                   | V0496 Aql | 55799.274      | –6.02                         | 0.35                                   |
| V0496 Aql | 53567.478      | 15.69                         | 0.46                                   | V0496 Aql | 54276.495      | 4.15                          | 0.37                                   | V0496 Aql | 55800.302      | –1.82                         | 0.18                                   |
| V0496 Aql | 53572.497      | 10.37                         | 0.37                                   | V0496 Aql | 54279.379      | 6.22                          | 0.52                                   | V0496 Aql | 55801.325      | 1.18                          | 0.19                                   |
| V0496 Aql | 53605.418      | 20.58                         | 0.25                                   | V0496 Aql | 54345.328      | 7.80                          | 0.29                                   | V0496 Aql | 55802.308      | 7.11                          | 0.33                                   |
| V0496 Aql | 53605.411      | 20.14                         | 0.48                                   | V0496 Aql | 54347.321      | 5.33                          | 0.40                                   | V0496 Aql | 55803.373      | 11.47                         | 0.34                                   |
| V0496 Aql | 53623.344      | 20.41                         | 0.35                                   | V0496 Aql | 54354.354      | 2.54                          | 0.37                                   | V0496 Aql | 55810.326      | 10.39                         | 0.29                                   |
| V0496 Aql | 53633.349      | 11.00                         | 0.42                                   | V0496 Aql | 54366.330      | 11.06                         | 0.35                                   | V0496 Aql | 56157.377      | 19.60                         | 0.32                                   |
| V0496 Aql | 53655.244      | 10.52                         | 0.31                                   | V0496 Aql | 54634.511      | –8.08                         | 0.34                                   | V0496 Aql | 56158.401      | 7.15                          | 0.22                                   |
| V0496 Aql | 53897.527      | 20.48                         | 0.23                                   | V0496 Aql | 54635.483      | –4.56                         | 0.31                                   | V0496 Aql | 56164.349      | 19.25                         | 0.27                                   |
| V0496 Aql | 53899.440      | 0.88                          | 0.19                                   | V0496 Aql | 54639.508      | 12.12                         | 0.42                                   | V0496 Aql | 56175.285      | 10.67                         | 0.17                                   |
| V0496 Aql | 53903.428      | 19.97                         | 0.24                                   | V0496 Aql | 55127.189      | 14.01                         | 0.16                                   | V0496 Aql | 56176.290      | 16.90                         | 0.23                                   |
| V0496 Aql | 53927.495      | 2.67                          | 0.21                                   | V0496 Aql | 55128.221      | 20.34                         | 0.18                                   | V0496 Aql | 56177.294      | 23.17                         | 0.32                                   |
| V0496 Aql | 53932.443      | 8.12                          | 0.24                                   | V0496 Aql | 55129.199      | 24.98                         | 0.35                                   | V0496 Aql | 56178.295      | 16.34                         | 0.25                                   |
| V0496 Aql | 53941.492      | 4.61                          | 0.33                                   | V0496 Aql | 55131.179      | 5.77                          | 0.36                                   | V0496 Aql | 56533.353      | 3.76                          | 0.28                                   |
| V0496 Aql | 53942.286      | 6.97                          | 0.27                                   | V0496 Aql | 55143.158      | 22.76                         | 0.28                                   | V0496 Aql | 56534.260      | 3.97                          | 0.25                                   |
| V0496 Aql | 53970.354      | 9.77                          | 0.32                                   | V0496 Aql | 55144.179      | 9.28                          | 0.41                                   | V0496 Aql | 56538.351      | 23.40                         | 0.42                                   |
| V0496 Aql | 53971.351      | 17.34                         | 0.23                                   | V0496 Aql | 55493.185      | –0.95                         | 0.30                                   | V0496 Aql | 56543.344      | 13.60                         | 0.44                                   |
| V0496 Aql | 53973.360      | 5.57                          | 0.28                                   | V0496 Aql | 55494.183      | 2.92                          | 0.25                                   | V0496 Aql | 56544.329      | 19.88                         | 0.30                                   |
| V0496 Aql | 53973.365      | 5.79                          | 0.24                                   | V0496 Aql | 55498.171      | 2.25                          | 0.28                                   | V0496 Aql | 56904.338      | 7.26                          | 0.23                                   |
| V0496 Aql | 53974.361      | 0.45                          | 0.33                                   | V0496 Aql | 55500.175      | –0.68                         | 0.16                                   | V0496 Aql | 56911.344      | 6.86                          | 0.31                                   |
| V0496 Aql | 53975.338      | 3.48                          | 0.20                                   | V0496 Aql | 55502.180      | 8.37                          | 0.28                                   | V0496 Aql | 57267.374      | 4.65                          | 0.24                                   |

Table 12. (Contd.)

| Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> | Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> | Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> |
|-----------|----------------|-------------------------------|----------------------------------------|-----------|----------------|-------------------------------|----------------------------------------|-----------|----------------|-------------------------------|----------------------------------------|
| (1)       | (2)            | (3)                           | (4)                                    | (1)       | (2)            | (3)                           | (4)                                    | (1)       | (2)            | (3)                           | (4)                                    |
| V0496 Aql | 57269.369      | -6.74                         | 0.26                                   | V0496 Aql | 58410.209      | 13.88                         | 0.32                                   | V1344 Aql | 51025.400      | -5.20                         | 0.26                                   |
| V0496 Aql | 57271.332      | 0.89                          | 0.54                                   | V0496 Aql | 58731.287      | 3.47                          | 0.52                                   | V1344 Aql | 51026.409      | -2.84                         | 0.23                                   |
| V0496 Aql | 57271.339      | 0.75                          | 0.26                                   | V0496 Aql | 58737.364      | 12.64                         | 0.44                                   | V1344 Aql | 51027.405      | 0.30                          | 0.19                                   |
| V0496 Aql | 57271.339      | 1.75                          | 0.25                                   | V0496 Aql | 58738.284      | -0.59                         | 0.29                                   | V1344 Aql | 51028.406      | 5.04                          | 0.28                                   |
| V0496 Aql | 57288.310      | -1.70                         | 0.29                                   | V0496 Aql | 58742.317      | 5.17                          | 0.39                                   | V1344 Aql | 51029.359      | 7.93                          | 0.20                                   |
| V0496 Aql | 57294.297      | 9.57                          | 0.30                                   | V0496 Aql | 58744.288      | 11.23                         | 0.54                                   | V1344 Aql | 51030.358      | 2.56                          | 0.27                                   |
| V0496 Aql | 57326.220      | 2.03                          | 0.20                                   | V0496 Aql | 58793.179      | -3.07                         | 0.29                                   | V1344 Aql | 51031.368      | -5.41                         | 0.25                                   |
| V0496 Aql | 57330.186      | -9.01                         | 0.18                                   | V0496 Aql | 59128.203      | 9.35                          | 0.27                                   | V1344 Aql | 51032.353      | -7.20                         | 0.32                                   |
| V0496 Aql | 57633.340      | 24.48                         | 0.25                                   | V0496 Aql | 59129.203      | 13.47                         | 0.29                                   | V1344 Aql | 51033.390      | -4.07                         | 0.22                                   |
| V0496 Aql | 57641.330      | 28.16                         | 0.29                                   | V0496 Aql | 59130.263      | 17.86                         | 0.46                                   | V1344 Aql | 51034.399      | -1.74                         | 0.20                                   |
| V0496 Aql | 57647.302      | 28.31                         | 0.28                                   | V0496 Aql | 59137.196      | 18.53                         | 0.35                                   | V1344 Aql | 51035.375      | 2.38                          | 0.25                                   |
| V0496 Aql | 57650.277      | 9.85                          | 0.23                                   | V0496 Aql | 59477.276      | 7.63                          | 0.19                                   | V1344 Aql | 51037.411      | 6.09                          | 0.23                                   |
| V0496 Aql | 57697.171      | 10.97                         | 0.24                                   | V0496 Aql | 59478.305      | 16.16                         | 0.21                                   | V1344 Aql | 51038.394      | -2.73                         | 0.28                                   |
| V0496 Aql | 57994.331      | 17.50                         | 0.29                                   | V0496 Aql | 59483.247      | 3.47                          | 0.19                                   | V1344 Aql | 51039.374      | -6.22                         | 0.24                                   |
| V0496 Aql | 57998.365      | 2.57                          | 0.22                                   | V0496 Aql | 59488.252      | -2.58                         | 0.28                                   | V1344 Aql | 51040.394      | -5.17                         | 0.28                                   |
| V0496 Aql | 57999.376      | 8.61                          | 0.42                                   | V1344 Aql | 50976.538      | 8.15                          | 0.34                                   | V1344 Aql | 51041.307      | -1.94                         | 0.27                                   |
| V0496 Aql | 57999.376      | 8.28                          | 0.27                                   | V1344 Aql | 50978.389      | -1.22                         | 0.27                                   | V1344 Aql | 51043.263      | 6.40                          | 0.31                                   |
| V0496 Aql | 57999.385      | 7.49                          | 0.26                                   | V1344 Aql | 50982.504      | 0.20                          | 0.32                                   | V1344 Aql | 51044.268      | 9.80                          | 0.29                                   |
| V0496 Aql | 58001.312      | 18.55                         | 0.21                                   | V1344 Aql | 50998.477      | 5.52                          | 0.27                                   | V1344 Aql | 51049.274      | -1.11                         | 0.21                                   |
| V0496 Aql | 58005.352      | 4.41                          | 0.26                                   | V1344 Aql | 51001.412      | -4.81                         | 0.30                                   | V1344 Aql | 51447.270      | 8.70                          | 0.30                                   |
| V0496 Aql | 58007.350      | 11.95                         | 0.45                                   | V1344 Aql | 51006.412      | 7.77                          | 0.30                                   | V1344 Aql | 51451.255      | -4.76                         | 0.24                                   |
| V0496 Aql | 58008.324      | 20.31                         | 0.34                                   | V1344 Aql | 51009.531      | -6.03                         | 0.39                                   | V1344 Aql | 51454.314      | 6.05                          | 0.27                                   |
| V0496 Aql | 58037.247      | 3.65                          | 0.28                                   | V1344 Aql | 51015.517      | -0.70                         | 0.46                                   | V1344 Aql | 51455.252      | 11.07                         | 0.19                                   |
| V0496 Aql | 58038.251      | -1.01                         | 0.33                                   | V1344 Aql | 51016.510      | -8.53                         | 0.54                                   | V1344 Aql | 51458.194      | -4.99                         | 0.37                                   |
| V0496 Aql | 58051.204      | 0.84                          | 0.23                                   | V1344 Aql | 51017.497      | -6.87                         | 0.37                                   | V1344 Aql | 51724.494      | 10.94                         | 0.21                                   |
| V0496 Aql | 58361.359      | 7.28                          | 0.28                                   | V1344 Aql | 51018.502      | -6.02                         | 0.42                                   | V1344 Aql | 51733.374      | 4.18                          | 0.33                                   |
| V0496 Aql | 58362.325      | 13.10                         | 0.20                                   | V1344 Aql | 51020.521      | 1.03                          | 0.34                                   | V1344 Aql | 51736.462      | -1.04                         | 0.36                                   |
| V0496 Aql | 58363.314      | 8.64                          | 0.23                                   | V1344 Aql | 51021.493      | 6.59                          | 0.34                                   | V1344 Aql | 51737.532      | 2.53                          | 0.26                                   |
| V0496 Aql | 58364.318      | -3.15                         | 0.21                                   | V1344 Aql | 51022.402      | 6.85                          | 0.40                                   | V1344 Aql | 51740.513      | 6.61                          | 0.31                                   |
| V0496 Aql | 58367.304      | 1.84                          | 0.24                                   | V1344 Aql | 51023.389      | -2.91                         | 0.29                                   | V1344 Aql | 51741.507      | -2.97                         | 0.31                                   |
| V0496 Aql | 58408.210      | 2.58                          | 0.22                                   | V1344 Aql | 51024.425      | -6.88                         | 0.23                                   | V1344 Aql | 51743.472      | -2.12                         | 0.23                                   |

Table 12. (Contd.)

| Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> | Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> | Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> |
|-----------|----------------|-------------------------------|----------------------------------------|-----------|----------------|-------------------------------|----------------------------------------|-----------|----------------|-------------------------------|----------------------------------------|
| (1)       | (2)            | (3)                           | (4)                                    | (1)       | (2)            | (3)                           | (4)                                    | (1)       | (2)            | (3)                           | (4)                                    |
| V1344 Aql | 51744.430      | 1.33                          | 0.29                                   | V1344 Aql | 53185.435      | -3.75                         | 0.25                                   | V1344 Aql | 54279.453      | -4.08                         | 0.42                                   |
| V1344 Aql | 51745.460      | 3.46                          | 0.24                                   | V1344 Aql | 53187.387      | 0.64                          | 0.28                                   | V1344 Aql | 54634.529      | -4.77                         | 0.33                                   |
| V1344 Aql | 51746.469      | 9.41                          | 0.25                                   | V1344 Aql | 53188.419      | 2.65                          | 0.20                                   | V1344 Aql | 54635.502      | -9.63                         | 0.25                                   |
| V1344 Aql | 52100.506      | -1.37                         | 0.27                                   | V1344 Aql | 53202.548      | 1.23                          | 0.37                                   | V1344 Aql | 54639.528      | 1.36                          | 0.19                                   |
| V1344 Aql | 52101.408      | -2.47                         | 0.31                                   | V1344 Aql | 53278.290      | 4.77                          | 0.30                                   | V1344 Aql | 55127.203      | 0.43                          | 0.18                                   |
| V1344 Aql | 52103.510      | 0.88                          | 0.23                                   | V1344 Aql | 53534.535      | 8.75                          | 0.27                                   | V1344 Aql | 55128.263      | -8.05                         | 0.23                                   |
| V1344 Aql | 52163.352      | 2.95                          | 0.18                                   | V1344 Aql | 53544.538      | -4.98                         | 0.24                                   | V1344 Aql | 55129.246      | -12.03                        | 0.31                                   |
| V1344 Aql | 52187.285      | 9.85                          | 0.26                                   | V1344 Aql | 53550.391      | 2.17                          | 0.35                                   | V1344 Aql | 55136.196      | -10.79                        | 0.27                                   |
| V1344 Aql | 52197.298      | 1.23                          | 0.35                                   | V1344 Aql | 53572.521      | 2.47                          | 0.51                                   | V1344 Aql | 55137.271      | -12.40                        | 0.43                                   |
| V1344 Aql | 52198.225      | -1.84                         | 0.30                                   | V1344 Aql | 53606.376      | -0.03                         | 0.19                                   | V1344 Aql | 55138.251      | -9.53                         | 0.20                                   |
| V1344 Aql | 52199.241      | -0.49                         | 0.26                                   | V1344 Aql | 53620.380      | -2.57                         | 0.23                                   | V1344 Aql | 55142.234      | 0.94                          | 0.24                                   |
| V1344 Aql | 52204.267      | 7.37                          | 0.46                                   | V1344 Aql | 53623.367      | 8.97                          | 0.34                                   | V1344 Aql | 55143.259      | -10.07                        | 0.34                                   |
| V1344 Aql | 52204.260      | 6.20                          | 0.49                                   | V1344 Aql | 53633.341      | -4.27                         | 0.34                                   | V1344 Aql | 55144.216      | -12.43                        | 0.34                                   |
| V1344 Aql | 52209.200      | 6.05                          | 0.24                                   | V1344 Aql | 53655.313      | -2.15                         | 0.27                                   | V1344 Aql | 55492.211      | -0.31                         | 0.22                                   |
| V1344 Aql | 52438.429      | -1.93                         | 0.24                                   | V1344 Aql | 53897.545      | -3.10                         | 0.22                                   | V1344 Aql | 55493.213      | 1.60                          | 0.24                                   |
| V1344 Aql | 52442.545      | 12.76                         | 0.28                                   | V1344 Aql | 53903.443      | -6.28                         | 0.29                                   | V1344 Aql | 55494.215      | -6.30                         | 0.27                                   |
| V1344 Aql | 52446.525      | 0.17                          | 0.25                                   | V1344 Aql | 53927.514      | -2.50                         | 0.16                                   | V1344 Aql | 55498.196      | -7.40                         | 0.24                                   |
| V1344 Aql | 52447.499      | 2.95                          | 0.19                                   | V1344 Aql | 53932.460      | -5.50                         | 0.32                                   | V1344 Aql | 55500.220      | 1.71                          | 0.27                                   |
| V1344 Aql | 52450.465      | 11.04                         | 0.24                                   | V1344 Aql | 53941.511      | -5.71                         | 0.28                                   | V1344 Aql | 55504.187      | -11.12                        | 0.31                                   |
| V1344 Aql | 52453.493      | -1.73                         | 0.30                                   | V1344 Aql | 53942.303      | -2.84                         | 0.28                                   | V1344 Aql | 55506.172      | -5.26                         | 0.31                                   |
| V1344 Aql | 52473.437      | 6.33                          | 0.33                                   | V1344 Aql | 53970.386      | -6.53                         | 0.23                                   | V1344 Aql | 55793.354      | -7.06                         | 0.25                                   |
| V1344 Aql | 52812.467      | -0.97                         | 0.38                                   | V1344 Aql | 53975.357      | 7.91                          | 0.33                                   | V1344 Aql | 55794.386      | -12.18                        | 0.28                                   |
| V1344 Aql | 52817.527      | 3.33                          | 0.32                                   | V1344 Aql | 53978.279      | -6.34                         | 0.25                                   | V1344 Aql | 55795.360      | -11.56                        | 0.32                                   |
| V1344 Aql | 52824.494      | 9.31                          | 0.37                                   | V1344 Aql | 53985.255      | -6.68                         | 0.23                                   | V1344 Aql | 55796.390      | -8.38                         | 0.28                                   |
| V1344 Aql | 52828.498      | 1.82                          | 0.26                                   | V1344 Aql | 53991.325      | 0.83                          | 0.22                                   | V1344 Aql | 55797.368      | -5.72                         | 0.21                                   |
| V1344 Aql | 52834.438      | -2.46                         | 0.24                                   | V1344 Aql | 54256.448      | -4.25                         | 0.33                                   | V1344 Aql | 55798.376      | -1.21                         | 0.22                                   |
| V1344 Aql | 52842.432      | -1.41                         | 0.22                                   | V1344 Aql | 54258.514      | 5.66                          | 0.45                                   | V1344 Aql | 55799.289      | 2.67                          | 0.86                                   |
| V1344 Aql | 53179.450      | -1.32                         | 0.25                                   | V1344 Aql | 54261.546      | -7.00                         | 0.43                                   | V1344 Aql | 55800.360      | -1.61                         | 0.28                                   |
| V1344 Aql | 53180.493      | 1.77                          | 0.25                                   | V1344 Aql | 54262.533      | -7.48                         | 0.26                                   | V1344 Aql | 55803.384      | -11.16                        | 0.26                                   |
| V1344 Aql | 53181.509      | 6.76                          | 0.30                                   | V1344 Aql | 54264.546      | -2.65                         | 0.33                                   | V1344 Aql | 55869.221      | -12.51                        | 0.22                                   |
| V1344 Aql | 53182.502      | 12.13                         | 0.31                                   | V1344 Aql | 54271.548      | -3.22                         | 0.31                                   | V1344 Aql | 56158.431      | 3.33                          | 0.19                                   |

Table 12. (Contd.)

| Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> | Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> | Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> |
|-----------|----------------|-------------------------------|----------------------------------------|-----------|----------------|-------------------------------|----------------------------------------|-----------|----------------|-------------------------------|----------------------------------------|
| (1)       | (2)            | (3)                           | (4)                                    | (1)       | (2)            | (3)                           | (4)                                    | (1)       | (2)            | (3)                           | (4)                                    |
| V1344 Aql | 56159.408      | -2.70                         | 0.21                                   | V1344 Aql | 58008.341      | -5.15                         | 0.26                                   | V1334 Cyg | 50661.535      | 2.92                          | 0.33                                   |
| V1344 Aql | 56161.409      | -11.58                        | 0.25                                   | V1344 Aql | 58027.308      | 7.82                          | 0.32                                   | V1334 Cyg | 50663.484      | -0.35                         | 0.39                                   |
| V1344 Aql | 56164.407      | -3.53                         | 0.19                                   | V1344 Aql | 58036.323      | 2.68                          | 0.24                                   | V1334 Cyg | 50667.524      | 2.05                          | 0.33                                   |
| V1344 Aql | 56175.302      | -9.85                         | 0.23                                   | V1344 Aql | 58051.219      | 4.06                          | 0.29                                   | V1334 Cyg | 50668.536      | -3.60                         | 0.47                                   |
| V1344 Aql | 56176.314      | -11.91                        | 0.19                                   | V1344 Aql | 58361.378      | 1.61                          | 0.23                                   | V1334 Cyg | 50698.408      | -2.28                         | 0.28                                   |
| V1344 Aql | 56178.308      | -6.94                         | 0.23                                   | V1344 Aql | 58362.369      | 4.58                          | 0.22                                   | V1334 Cyg | 50706.449      | -4.47                         | 0.30                                   |
| V1344 Aql | 56533.368      | -3.03                         | 0.30                                   | V1344 Aql | 58363.361      | 9.15                          | 0.34                                   | V1334 Cyg | 50707.424      | 0.29                          | 0.26                                   |
| V1344 Aql | 56534.279      | -8.79                         | 0.29                                   | V1344 Aql | 58367.315      | -2.14                         | 0.23                                   | V1334 Cyg | 50708.387      | -2.03                         | 0.27                                   |
| V1344 Aql | 56538.375      | -0.62                         | 0.34                                   | V1344 Aql | 58408.222      | 10.25                         | 0.21                                   | V1334 Cyg | 50709.353      | -8.57                         | 0.28                                   |
| V1344 Aql | 56543.362      | -9.15                         | 0.26                                   | V1344 Aql | 58410.239      | 4.15                          | 0.23                                   | V1334 Cyg | 50711.366      | 0.41                          | 0.27                                   |
| V1344 Aql | 56544.348      | -6.72                         | 0.28                                   | V1344 Aql | 58731.321      | 8.83                          | 0.27                                   | V1334 Cyg | 50712.410      | -7.03                         | 0.28                                   |
| V1344 Aql | 56904.357      | -0.62                         | 0.24                                   | V1344 Aql | 58738.305      | 12.35                         | 0.33                                   | V1334 Cyg | 50713.418      | -3.41                         | 0.30                                   |
| V1344 Aql | 56909.300      | -8.22                         | 0.24                                   | V1344 Aql | 58793.222      | -2.04                         | 0.30                                   | V1334 Cyg | 50716.377      | -7.16                         | 0.59                                   |
| V1344 Aql | 56911.368      | -2.94                         | 0.24                                   | V1344 Aql | 59128.227      | 2.99                          | 0.29                                   | V1334 Cyg | 50732.286      | -6.95                         | 0.42                                   |
| V1344 Aql | 56964.187      | -1.08                         | 0.30                                   | V1344 Aql | 59129.233      | -3.01                         | 0.37                                   | V1334 Cyg | 51023.487      | -14.34                        | 0.31                                   |
| V1344 Aql | 56971.166      | -3.76                         | 0.29                                   | V1344 Aql | 59131.248      | 0.37                          | 0.27                                   | V1334 Cyg | 51025.538      | -18.57                        | 0.26                                   |
| V1344 Aql | 57267.389      | -6.58                         | 0.23                                   | V1344 Aql | 59137.206      | -3.90                         | 0.27                                   | V1334 Cyg | 51026.483      | -16.40                        | 0.22                                   |
| V1344 Aql | 57269.392      | -1.72                         | 0.23                                   | V1344 Aql | 59166.185      | -2.93                         | 0.37                                   | V1334 Cyg | 51027.515      | -10.35                        | 0.24                                   |
| V1344 Aql | 57271.393      | 5.12                          | 0.26                                   | V1344 Aql | 59477.328      | 10.05                         | 0.14                                   | V1334 Cyg | 51028.531      | -16.31                        | 0.27                                   |
| V1344 Aql | 57288.344      | 3.12                          | 0.32                                   | V1344 Aql | 59478.340      | 12.43                         | 0.19                                   | V1334 Cyg | 51029.525      | -18.96                        | 0.29                                   |
| V1344 Aql | 57323.222      | 3.00                          | 0.25                                   | V1344 Aql | 59483.275      | 1.62                          | 0.19                                   | V1334 Cyg | 51030.506      | -11.38                        | 0.25                                   |
| V1344 Aql | 57327.239      | -6.10                         | 0.58                                   | V1344 Aql | 59484.286      | 7.25                          | 0.26                                   | V1334 Cyg | 51031.502      | -11.47                        | 0.28                                   |
| V1344 Aql | 57633.372      | -4.56                         | 0.20                                   | V1344 Aql | 59488.272      | -5.09                         | 0.21                                   | V1334 Cyg | 51033.474      | -14.94                        | 0.22                                   |
| V1344 Aql | 57634.378      | -5.49                         | 0.23                                   | V1334 Cyg | 50345.326      | 7.92                          | 0.29                                   | V1334 Cyg | 51034.487      | -9.93                         | 0.19                                   |
| V1344 Aql | 57641.371      | -5.84                         | 0.26                                   | V1334 Cyg | 50353.386      | 4.33                          | 0.41                                   | V1334 Cyg | 51035.480      | -17.86                        | 0.31                                   |
| V1344 Aql | 57647.360      | 3.47                          | 0.27                                   | V1334 Cyg | 50353.392      | 5.90                          | 0.46                                   | V1334 Cyg | 51037.486      | -10.73                        | 0.25                                   |
| V1344 Aql | 57697.188      | 5.68                          | 0.16                                   | V1334 Cyg | 50614.541      | 4.85                          | 0.26                                   | V1334 Cyg | 51038.491      | -15.12                        | 0.20                                   |
| V1344 Aql | 57705.188      | 6.89                          | 0.23                                   | V1334 Cyg | 50621.533      | 2.85                          | 0.26                                   | V1334 Cyg | 51039.466      | -19.14                        | 0.22                                   |
| V1344 Aql | 57994.379      | -0.78                         | 0.20                                   | V1334 Cyg | 50653.568      | 0.87                          | 0.37                                   | V1334 Cyg | 51040.457      | -12.12                        | 0.21                                   |
| V1344 Aql | 57999.402      | -1.87                         | 0.40                                   | V1334 Cyg | 50655.523      | -2.13                         | 0.47                                   | V1334 Cyg | 51441.364      | -3.76                         | 0.44                                   |
| V1344 Aql | 58000.399      | -3.97                         | 0.25                                   | V1334 Cyg | 50658.519      | -0.76                         | 0.35                                   | V1334 Cyg | 51454.442      | -3.47                         | 0.23                                   |

Table 12. (Contd.)

| Name      | JD        | $V_R$ ,            | $\sigma_{V_R}$ ,   | Name      | JD         | $V_R$ ,            | $\sigma_{V_R}$ ,   | Name      | JD        | $V_R$ ,            | $\sigma_{V_R}$ ,   |
|-----------|-----------|--------------------|--------------------|-----------|------------|--------------------|--------------------|-----------|-----------|--------------------|--------------------|
|           | -2400000  | km s <sup>-1</sup> | km s <sup>-1</sup> |           | -2400000   | km s <sup>-1</sup> | km s <sup>-1</sup> |           | -2400000  | km s <sup>-1</sup> | km s <sup>-1</sup> |
| (1)       | (2)       | (3)                | (4)                | (1)       | (2)        | (3)                | (4)                | (1)       | (2)       | (3)                | (4)                |
| V1334 Cyg | 51455.342 | -11.49             | 0.28               | V1334 Cyg | 55504.293  | 1.73               | 0.22               | V1334 Cyg | 56899.446 | -11.11             | 0.24               |
| V1334 Cyg | 51463.327 | -7.36              | 0.27               | V1334 Cyg | 55505.282  | 2.21               | 0.20               | V1334 Cyg | 56904.429 | -20.91             | 0.39               |
| V1334 Cyg | 51720.514 | 11.72              | 0.34               | V1334 Cyg | 55506.241  | 7.35               | 0.34               | V1334 Cyg | 56904.429 | -20.36             | 0.27               |
| V1334 Cyg | 51724.539 | 10.75              | 0.36               | V1334 Cyg | 55506.244  | 7.48               | 0.22               | V1334 Cyg | 56904.432 | -19.13             | 0.24               |
| V1334 Cyg | 51738.556 | 5.21               | 0.27               | V1334 Cyg | 55519.275  | 5.38               | 0.32               | V1334 Cyg | 56909.478 | -10.23             | 0.20               |
| V1334 Cyg | 51745.509 | 5.10               | 0.40               | V1334 Cyg | 555789.472 | 13.81              | 0.40               | V1334 Cyg | 56910.412 | -17.79             | 0.22               |
| V1334 Cyg | 51746.533 | 7.77               | 0.39               | V1334 Cyg | 555790.495 | 12.58              | 0.29               | V1334 Cyg | 56911.436 | -19.40             | 0.22               |
| V1334 Cyg | 52100.555 | 15.00              | 0.29               | V1334 Cyg | 555791.488 | 6.93               | 0.22               | V1334 Cyg | 56964.284 | -23.13             | 0.23               |
| V1334 Cyg | 52101.534 | 10.67              | 0.32               | V1334 Cyg | 555794.454 | 8.05               | 0.33               | V1334 Cyg | 56971.222 | -20.74             | 0.29               |
| V1334 Cyg | 52186.325 | 7.70               | 0.27               | V1334 Cyg | 555795.493 | 10.03              | 0.27               | V1334 Cyg | 57257.470 | -11.79             | 0.20               |
| V1334 Cyg | 52187.416 | 12.92              | 0.26               | V1334 Cyg | 555796.501 | 15.16              | 0.28               | V1334 Cyg | 57269.496 | -1.74              | 0.24               |
| V1334 Cyg | 52189.379 | 7.71               | 0.38               | V1334 Cyg | 555798.489 | 6.70               | 0.23               | V1334 Cyg | 57271.452 | -9.43              | 0.21               |
| V1334 Cyg | 52194.382 | 12.81              | 0.26               | V1334 Cyg | 555799.481 | 13.60              | 0.25               | V1334 Cyg | 57286.397 | -0.29              | 0.24               |
| V1334 Cyg | 52198.386 | 7.44               | 0.40               | V1334 Cyg | 555800.536 | 10.98              | 0.25               | V1334 Cyg | 57296.442 | -1.13              | 0.18               |
| V1334 Cyg | 52204.380 | 13.64              | 0.39               | V1334 Cyg | 555802.471 | 11.47              | 0.23               | V1334 Cyg | 57303.371 | -1.03              | 0.28               |
| V1334 Cyg | 52211.368 | 9.29               | 0.31               | V1334 Cyg | 555815.455 | 8.36               | 0.21               | V1334 Cyg | 57325.338 | -2.59              | 0.23               |
| V1334 Cyg | 52214.317 | 13.68              | 0.25               | V1334 Cyg | 555859.321 | 12.18              | 0.32               | V1334 Cyg | 57327.322 | -4.35              | 0.22               |
| V1334 Cyg | 52220.250 | 9.68               | 0.59               | V1334 Cyg | 555861.298 | 6.06               | 0.24               | V1334 Cyg | 57631.505 | 6.73               | 0.21               |
| V1334 Cyg | 52817.555 | -5.02              | 0.58               | V1334 Cyg | 555869.297 | 10.45              | 0.19               | V1334 Cyg | 57633.475 | 9.39               | 0.20               |
| V1334 Cyg | 52818.558 | -12.18             | 0.28               | V1334 Cyg | 555872.311 | 10.96              | 0.26               | V1334 Cyg | 57640.507 | 5.59               | 0.29               |
| V1334 Cyg | 52820.550 | -4.29              | 0.25               | V1334 Cyg | 555873.311 | 15.54              | 0.24               | V1334 Cyg | 57646.445 | 11.54              | 0.20               |
| V1334 Cyg | 52821.545 | -10.34             | 0.25               | V1334 Cyg | 56158.509  | 3.99               | 0.20               | V1334 Cyg | 57648.471 | 8.61               | 0.23               |
| V1334 Cyg | 55492.338 | 2.62               | 0.24               | V1334 Cyg | 56161.521  | 2.80               | 0.25               | V1334 Cyg | 57653.380 | 10.90              | 0.30               |
| V1334 Cyg | 55493.365 | 6.48               | 0.16               | V1334 Cyg | 56164.488  | 1.64               | 0.19               | V1334 Cyg | 57697.303 | 4.72               | 0.18               |
| V1334 Cyg | 55494.384 | -0.42              | 0.25               | V1334 Cyg | 56176.500  | 11.95              | 0.24               | V1334 Cyg | 58037.359 | 2.18               | 0.25               |
| V1334 Cyg | 55498.363 | -0.98              | 0.26               | V1334 Cyg | 56178.414  | 4.11               | 0.19               | V1334 Cyg | 58039.363 | 10.75              | 0.32               |
| V1334 Cyg | 55499.301 | 4.79               | 0.32               | V1334 Cyg | 56228.243  | 0.53               | 0.31               | V1334 Cyg | 58359.451 | 3.92               | 0.22               |
| V1334 Cyg | 55500.356 | 7.04               | 0.24               | V1334 Cyg | 56242.233  | 3.98               | 0.29               | V1334 Cyg | 58361.460 | -0.76              | 0.15               |
| V1334 Cyg | 55501.219 | -0.58              | 0.23               | V1334 Cyg | 56544.439  | -8.60              | 0.37               | V1334 Cyg | 58362.475 | 3.86               | 0.23               |
| V1334 Cyg | 55503.337 | 7.99               | 0.27               | V1334 Cyg | 56603.293  | -1.92              | 0.23               | V1334 Cyg | 58408.347 | -1.04              | 0.29               |
| V1334 Cyg | 55504.290 | 1.96               | 0.19               | V1334 Cyg | 56608.258  | -9.07              | 0.30               | V1334 Cyg | 58736.429 | -12.06             | 0.23               |

Table 12. (Contd.)

| Name      | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> | Name   | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> | Name   | JD<br>-2400000 | $V_R$ ,<br>km s <sup>-1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>-1</sup> |
|-----------|----------------|-------------------------------|----------------------------------------|--------|----------------|-------------------------------|----------------------------------------|--------|----------------|-------------------------------|----------------------------------------|
| (1)       | (2)            | (3)                           | (4)                                    | (1)    | (2)            | (3)                           | (4)                                    | (1)    | (2)            | (3)                           | (4)                                    |
| V1334 Cyg | 58791.271      | -15.69                        | 0.22                                   | AW Per | 53620.572      | 0.43                          | 1.04                                   | AW Per | 55141.595      | 17.60                         | 0.27                                   |
| V1334 Cyg | 58799.255      | -11.23                        | 0.29                                   | AW Per | 53620.615      | 2.32                          | 1.28                                   | AW Per | 55142.573      | 23.97                         | 0.28                                   |
| V1334 Cyg | 59129.386      | -7.83                         | 0.27                                   | AW Per | 53622.583      | 15.54                         | 0.29                                   | AW Per | 55143.611      | 36.64                         | 0.35                                   |
| V1334 Cyg | 59134.368      | -12.45                        | 0.22                                   | AW Per | 53624.555      | 35.19                         | 0.28                                   | AW Per | 55145.561      | -0.78                         | 0.53                                   |
| V1334 Cyg | 59159.319      | -7.61                         | 0.85                                   | AW Per | 53626.605      | -2.88                         | 0.33                                   | AW Per | 55146.560      | 5.15                          | 0.30                                   |
| V1334 Cyg | 59489.424      | 12.23                         | 0.30                                   | AW Per | 53627.617      | 6.30                          | 0.45                                   | AW Per | 55494.645      | -0.88                         | 0.32                                   |
| AW Per    | 51076.601      | 2.19                          | 0.26                                   | AW Per | 53629.614      | 19.48                         | 0.35                                   | AW Per | 55498.573      | 29.89                         | 0.48                                   |
| AW Per    | 51079.602      | -19.48                        | 0.41                                   | AW Per | 53631.623      | 27.49                         | 0.32                                   | AW Per | 55499.611      | 30.84                         | 0.35                                   |
| AW Per    | 51085.570      | -15.37                        | 0.43                                   | AW Per | 53632.621      | -5.45                         | 0.44                                   | AW Per | 55501.584      | 1.95                          | 0.31                                   |
| AW Per    | 51092.599      | -23.24                        | 0.46                                   | AW Per | 53635.618      | 16.58                         | 0.26                                   | AW Per | 55502.539      | 9.37                          | 0.19                                   |
| AW Per    | 51436.605      | -12.19                        | 0.19                                   | AW Per | 53657.572      | 20.22                         | 0.40                                   | AW Per | 55504.608      | 25.04                         | 0.33                                   |
| AW Per    | 51439.555      | 13.38                         | 0.20                                   | AW Per | 53659.633      | 1.86                          | 0.39                                   | AW Per | 55505.576      | 36.02                         | 0.35                                   |
| AW Per    | 51440.609      | 0.10                          | 0.31                                   | AW Per | 53982.596      | 2.61                          | 0.31                                   | AW Per | 55509.615      | 13.97                         | 0.36                                   |
| AW Per    | 51449.615      | -11.66                        | 0.27                                   | AW Per | 53985.588      | 25.19                         | 0.27                                   | AW Per | 55806.604      | 13.60                         | 0.40                                   |
| AW Per    | 51450.631      | -3.92                         | 0.25                                   | AW Per | 53989.593      | 7.12                          | 0.36                                   | AW Per | 55808.608      | 27.27                         | 0.32                                   |
| AW Per    | 51453.589      | -4.33                         | 0.34                                   | AW Per | 54374.554      | 37.88                         | 0.40                                   | AW Per | 55809.610      | 34.34                         | 0.40                                   |
| AW Per    | 51607.241      | 9.55                          | 0.39                                   | AW Per | 54838.467      | 21.86                         | 0.31                                   | AW Per | 55811.611      | -0.92                         | 0.30                                   |
| AW Per    | 51958.284      | -21.82                        | 0.38                                   | AW Per | 54839.442      | 34.02                         | 0.29                                   | AW Per | 55814.604      | 22.24                         | 0.27                                   |
| AW Per    | 51970.264      | 18.02                         | 0.41                                   | AW Per | 54843.467      | 12.76                         | 0.34                                   | AW Per | 55859.540      | 18.99                         | 0.54                                   |
| AW Per    | 51988.229      | 5.89                          | 0.34                                   | AW Per | 54844.398      | 17.72                         | 0.29                                   | AW Per | 55859.547      | 18.65                         | 0.26                                   |
| AW Per    | 51991.262      | -20.34                        | 0.47                                   | AW Per | 54852.397      | 34.90                         | 0.40                                   | AW Per | 55860.523      | 29.40                         | 0.30                                   |
| AW Per    | 51992.283      | -11.06                        | 0.33                                   | AW Per | 54853.386      | 21.00                         | 0.37                                   | AW Per | 55861.574      | 30.48                         | 0.42                                   |
| AW Per    | 51995.281      | 14.55                         | 0.33                                   | AW Per | 54854.362      | -2.37                         | 0.45                                   | AW Per | 55863.618      | 1.32                          | 0.38                                   |
| AW Per    | 51997.239      | -21.90                        | 0.45                                   | AW Per | 55127.487      | 8.87                          | 0.26                                   | AW Per | 55872.624      | 19.59                         | 0.36                                   |
| AW Per    | 51998.281      | -16.53                        | 0.48                                   | AW Per | 55128.510      | 16.31                         | 0.28                                   | AW Per | 55873.595      | 32.46                         | 0.30                                   |
| AW Per    | 51999.298      | -8.62                         | 0.45                                   | AW Per | 55129.611      | 24.13                         | 0.32                                   | AW Per | 55874.477      | 31.56                         | 0.53                                   |
| AW Per    | 52000.228      | -2.05                         | 0.31                                   | AW Per | 55131.600      | 8.48                          | 0.44                                   | AW Per | 55875.534      | -4.84                         | 0.60                                   |
| AW Per    | 53606.594      | -5.06                         | 0.45                                   | AW Per | 55132.572      | -1.60                         | 0.40                                   | AW Per | 55875.545      | -4.27                         | 0.42                                   |
| AW Per    | 53608.590      | 7.20                          | 0.33                                   | AW Per | 55135.645      | 19.99                         | 0.32                                   | AW Per | 56175.589      | 14.13                         | 0.29                                   |
| AW Per    | 53614.597      | 4.60                          | 0.33                                   | AW Per | 55136.616      | 30.98                         | 0.45                                   | AW Per | 56178.583      | 15.81                         | 0.30                                   |
| AW Per    | 53615.575      | 10.47                         | 0.35                                   | AW Per | 55137.577      | 33.72                         | 0.30                                   | AW Per | 56226.538      | 8.71                          | 0.23                                   |

Table 12. (Contd.)

| Name   | JD<br>−2400000 | $V_R$ ,<br>km s <sup>−1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>−1</sup> | Name   | JD<br>−2400000 | $V_R$ ,<br>km s <sup>−1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>−1</sup> | Name   | JD<br>−2400000 | $V_R$ ,<br>km s <sup>−1</sup> | $\sigma_{V_R}$ ,<br>km s <sup>−1</sup> |
|--------|----------------|-------------------------------|----------------------------------------|--------|----------------|-------------------------------|----------------------------------------|--------|----------------|-------------------------------|----------------------------------------|
| (1)    | (2)            | (3)                           | (4)                                    | (1)    | (2)            | (3)                           | (4)                                    | (1)    | (2)            | (3)                           | (4)                                    |
| AW Per | 56608.468      | 14.16                         | 0.36                                   | AW Per | 57482.218      | 18.29                         | 0.21                                   | AW Per | 58051.526      | 24.07                         | 0.26                                   |
| AW Per | 56911.606      | 5.20                          | 0.35                                   | AW Per | 57486.194      | 1.86                          | 0.62                                   | AW Per | 58219.223      | 18.85                         | 0.21                                   |
| AW Per | 56913.611      | 21.56                         | 0.30                                   | AW Per | 57486.201      | 1.14                          | 0.34                                   | AW Per | 58408.577      | 11.26                         | 0.38                                   |
| AW Per | 56915.602      | 6.27                          | 0.36                                   | AW Per | 57647.618      | −0.88                         | 0.31                                   | AW Per | 58410.555      | −0.99                         | 0.30                                   |
| AW Per | 56954.558      | 1.10                          | 0.45                                   | AW Per | 57700.630      | 9.71                          | 0.21                                   | AW Per | 58579.293      | 5.16                          | 0.37                                   |
| AW Per | 56964.536      | 15.06                         | 0.25                                   | AW Per | 57704.523      | −3.57                         | 0.24                                   | AW Per | 58582.265      | 31.12                         | 0.30                                   |
| AW Per | 56966.606      | 34.78                         | 0.28                                   | AW Per | 57707.460      | 12.47                         | 0.27                                   | AW Per | 58790.564      | −7.24                         | 0.33                                   |
| AW Per | 56970.538      | 14.26                         | 0.22                                   | AW Per | 57708.492      | 18.62                         | 0.23                                   | AW Per | 58791.640      | −2.71                         | 0.37                                   |
| AW Per | 57288.624      | 24.30                         | 0.37                                   | AW Per | 58006.619      | 26.27                         | 0.23                                   | AW Per | 58798.571      | 1.38                          | 0.33                                   |
| AW Per | 57294.605      | 18.03                         | 0.21                                   | AW Per | 58029.575      | 3.07                          | 0.14                                   | AW Per | 58800.575      | 14.61                         | 0.34                                   |
| AW Per | 57296.607      | 24.25                         | 0.40                                   | AW Per | 58030.623      | 10.79                         | 0.30                                   | AW Per | 59127.627      | −3.42                         | 0.23                                   |
| AW Per | 57303.634      | −3.22                         | 0.34                                   | AW Per | 58031.611      | 16.66                         | 0.19                                   | AW Per | 59134.617      | −0.49                         | 0.27                                   |
| AW Per | 57325.566      | 8.19                          | 0.28                                   | AW Per | 58037.631      | 15.47                         | 0.34                                   | AW Per | 59136.633      | 14.28                         | 0.52                                   |
| AW Per | 57327.537      | 23.77                         | 0.28                                   | AW Per | 58038.591      | 22.58                         | 0.29                                   | AW Per | 59167.566      | 3.06                          | 0.31                                   |
| AW Per | 57328.551      | 34.78                         | 0.44                                   | AW Per | 58039.605      | 35.25                         | 0.35                                   | AW Per | 59488.618      | −8.86                         | 0.31                                   |
| AW Per | 57336.556      | −6.01                         | 0.36                                   | AW Per | 58043.624      | 12.19                         | 0.34                                   | AW Per | 59489.625      | −6.39                         | 0.28                                   |
| AW Per | 57479.239      | −2.67                         | 0.21                                   | AW Per | 58044.581      | 17.26                         | 0.27                                   | AW Per | 59490.633      | 1.65                          | 0.43                                   |