**5883** Josephblack 6 23.9 232°.40 5°.5/22.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.95 | −40 25.4 | 2.757 | 3.583 | 10.7 | 17.6 |
| 5 31 | 18 33.74 | −41 22.7 | 2.674 | 3.574 | 8.7 | 17.5 |
| 6 10 | 18 25.46 | −42 12.1 | 2.614 | 3.564 | 6.7 | 17.4 |
| 6 20 | 18 15.72 | −42 49.6 | 2.581 | 3.553 | 5.6 | 17.3 |
| 6 30 | 18 5.38 | −43 11.9 | 2.575 | 3.543 | 5.9 | 17.3 |
| 7 10 | 17 55.45 | −43 18.4 | 2.597 | 3.532 | 7.5 | 17.4 |
| 7 20 | 17 46.86 | −43 10.3 | 2.643 | 3.521 | 9.6 | 17.5 |
| 7 30 | 17 40.33 | −42 50.8 | 2.712 | 3.509 | 11.7 | 17.6 |

**240470** 2004 $BF_{34}$ 6 23.9 314°.06 5°.5/25.3 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.21 | − 6 53.1 | 1.836 | 2.678 | 14.6 | 19.9 |
| 5 31 | 18 30.41 | − 7 8.7 | 1.755 | 2.669 | 11.6 | 19.7 |
| 6 10 | 18 23.53 | − 7 40.1 | 1.694 | 2.660 | 8.5 | 19.5 |
| 6 20 | 18 15.17 | − 8 28.0 | 1.658 | 2.651 | 6.0 | 19.3 |
| 6 30 | 18 6.22 | − 9 31.0 | 1.649 | 2.643 | 5.9 | 19.3 |
| 7 10 | 17 57.73 | −10 46.2 | 1.665 | 2.634 | 8.4 | 19.4 |
| 7 20 | 17 50.60 | −12 9.4 | 1.707 | 2.626 | 11.7 | 19.6 |
| 7 30 | 17 45.61 | −13 36.6 | 1.771 | 2.619 | 14.9 | 19.8 |

**106100** 2000 $TX_{9}$ 6 23.9 278°.64 4°.6/23.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.53 | −35 41.7 | 2.191 | 3.040 | 12.3 | 19.9 |
| 5 31 | 18 32.85 | −36 18.3 | 2.115 | 3.037 | 9.6 | 19.7 |
| 6 10 | 18 24.96 | −36 47.6 | 2.063 | 3.034 | 6.8 | 19.5 |
| 6 20 | 18 15.56 | −37 5.8 | 2.036 | 3.031 | 4.8 | 19.4 |
| 6 30 | 18 5.68 | −37 10.4 | 2.036 | 3.028 | 5.1 | 19.4 |
| 7 10 | 17 56.41 | −37 1.2 | 2.063 | 3.025 | 7.5 | 19.5 |
| 7 20 | 17 48.73 | −36 40.2 | 2.114 | 3.022 | 10.4 | 19.7 |
| 7 30 | 17 43.36 | −36 11.0 | 2.188 | 3.019 | 13.0 | 19.9 |

**282976** 2007 $TP_{27}$ 6 23.9 344°.53 2°.0/24.0 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.19 | −19 15.1 | 1.517 | 2.396 | 15.1 | 19.9 |
| 5 31 | 18 30.04 | −19 1.2 | 1.444 | 2.389 | 11.4 | 19.7 |
| 6 10 | 18 23.44 | −18 51.3 | 1.392 | 2.382 | 7.1 | 19.4 |
| 6 20 | 18 15.15 | −18 45.4 | 1.364 | 2.376 | 2.8 | 19.1 |
| 6 30 | 18 6.30 | −18 43.4 | 1.361 | 2.371 | 3.6 | 19.2 |
| 7 10 | 17 58.13 | −18 45.2 | 1.382 | 2.367 | 8.0 | 19.4 |
| 7 20 | 17 51.72 | −18 50.9 | 1.426 | 2.363 | 12.3 | 19.7 |
| 7 30 | 17 47.88 | −19 0.3 | 1.491 | 2.360 | 16.1 | 19.9 |

**102506** 1999 $TU_{289}$ 6 23.9 338°.45 2°.3/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 31.57 | −18 39.1 | 1.041 | 1.944 | 18.5 | 18.9 |
| 5 31 | 18 29.11 | −18 39.3 | 0.970 | 1.927 | 14.1 | 18.6 |
| 6 10 | 18 23.40 | −18 47.8 | 0.916 | 1.911 | 8.9 | 18.2 |
| 6 20 | 18 15.25 | −19 4.3 | 0.883 | 1.897 | 3.4 | 17.9 |
| 6 30 | 18 6.09 | −19 27.5 | 0.872 | 1.884 | 4.3 | 17.9 |
| 7 10 | 17 57.69 | −19 55.5 | 0.881 | 1.873 | 10.1 | 18.1 |
| 7 20 | 17 51.62 | −20 26.6 | 0.910 | 1.863 | 15.6 | 18.4 |
| 7 30 | 17 49.02 | −20 59.3 | 0.956 | 1.855 | 20.4 | 18.7 |

**329773** 2004 $JM_{38}$ 6 23.9 103°.60 9°.4/20.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 53.13 | −30 31.6 | 1.044 | 1.920 | 20.6 | 20.3 |
| 5 31 | 18 46.38 | −34 1.5 | 0.990 | 1.927 | 16.1 | 20.1 |
| 6 10 | 18 34.64 | −37 36.3 | 0.959 | 1.935 | 11.7 | 19.9 |
| 6 20 | 18 18.71 | −40 54.4 | 0.951 | 1.943 | 9.4 | 19.8 |
| 6 30 | 18 0.71 | −43 35.2 | 0.969 | 1.950 | 11.1 | 19.9 |
| 7 10 | 17 43.61 | −45 28.3 | 1.011 | 1.958 | 15.1 | 20.1 |
| 7 20 | 17 30.12 | −46 36.4 | 1.072 | 1.965 | 19.3 | 20.4 |
| 7 30 | 17 21.98 | −47 10.3 | 1.150 | 1.971 | 22.9 | 20.7 |

**34658** 2000 $WS_{158}$ 6 23.9 32°.88 3°.3/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.35 | −12 58.3 | 1.392 | 2.263 | 16.7 | 17.4 |
| 5 31 | 18 31.61 | −13 35.1 | 1.337 | 2.275 | 12.7 | 17.2 |
| 6 10 | 18 24.35 | −14 25.9 | 1.303 | 2.287 | 8.2 | 16.9 |
| 6 20 | 18 15.40 | −15 28.5 | 1.292 | 2.301 | 4.1 | 16.7 |
| 6 30 | 18 5.99 | −16 39.1 | 1.306 | 2.314 | 4.2 | 16.8 |
| 7 10 | 17 57.42 | −17 53.3 | 1.345 | 2.329 | 8.3 | 17.1 |
| 7 20 | 17 50.78 | −19 6.9 | 1.408 | 2.344 | 12.5 | 17.3 |
| 7 30 | 17 46.83 | −20 17.2 | 1.491 | 2.360 | 16.1 | 17.6 |

**66311** 1999 $JE_{42}$ 6 23.9 356°.87 2°.8/23.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.87 | −26 54.5 | 1.247 | 2.138 | 16.9 | 18.8 |
| 5 31 | 18 31.19 | −27 37.3 | 1.183 | 2.134 | 12.7 | 18.6 |
| 6 10 | 18 24.44 | −28 20.1 | 1.139 | 2.131 | 7.9 | 18.3 |
| 6 20 | 18 15.50 | −28 58.0 | 1.117 | 2.129 | 3.4 | 18.0 |
| 6 30 | 18 5.80 | −29 26.7 | 1.118 | 2.128 | 4.4 | 18.1 |
| 7 10 | 17 56.99 | −29 44.4 | 1.143 | 2.128 | 9.2 | 18.3 |
| 7 20 | 17 50.46 | −29 51.8 | 1.189 | 2.129 | 13.9 | 18.6 |
| 7 30 | 17 47.17 | −29 51.6 | 1.254 | 2.132 | 17.9 | 18.9 |

**367077** 2006 $PY_{28}$ 6 23.9 320°.63 5°.5/25.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.32 | − 6 1.8 | 1.226 | 2.085 | 19.2 | 19.7 |
| 5 31 | 18 33.96 | − 7 13.2 | 1.138 | 2.065 | 15.4 | 19.4 |
| 6 10 | 18 26.38 | − 8 56.7 | 1.069 | 2.045 | 10.9 | 19.1 |
| 6 20 | 18 16.18 | −11 12.1 | 1.023 | 2.025 | 6.6 | 18.8 |
| 6 30 | 18 4.59 | −13 53.5 | 1.001 | 2.007 | 6.0 | 18.7 |
| 7 10 | 17 53.27 | −16 49.6 | 1.005 | 1.989 | 10.4 | 18.9 |
| 7 20 | 17 43.89 | −19 47.6 | 1.033 | 1.972 | 15.6 | 19.1 |
| 7 30 | 17 37.79 | −22 37.0 | 1.082 | 1.957 | 20.4 | 19.3 |

**259835** 2004 $CL_{31}$ 6 23.9 37°.17 2°.0/24.1 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 37.29 | −18 58.4 | 1.274 | 2.158 | 17.1 | 20.5 |
| 5 31 | 18 32.51 | −18 55.1 | 1.220 | 2.167 | 12.8 | 20.3 |
| 6 10 | 18 24.95 | −18 57.7 | 1.187 | 2.177 | 7.9 | 20.0 |
| 6 20 | 18 15.59 | −19 5.2 | 1.176 | 2.188 | 3.0 | 19.8 |
| 6 30 | 18 5.78 | −19 16.7 | 1.189 | 2.200 | 3.8 | 19.8 |
| 7 10 | 17 57.00 | −19 31.1 | 1.226 | 2.212 | 8.6 | 20.2 |
| 7 20 | 17 50.39 | −19 47.7 | 1.285 | 2.224 | 13.2 | 20.4 |
| 7 30 | 17 46.73 | −20 6.3 | 1.364 | 2.237 | 17.1 | 20.7 |

**13720** 1998 $QU_{50}$ 6 23.9 3°.61 9°.7/23.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.56 | −52 15.5 | 2.260 | 3.048 | 13.9 | 18.1 |
| 5 31 | 18 38.61 | −53 9.0 | 2.196 | 3.048 | 12.2 | 18.0 |
| 6 10 | 18 28.64 | −53 44.8 | 2.152 | 3.048 | 10.7 | 17.9 |
| 6 20 | 18 16.66 | −53 56.8 | 2.130 | 3.048 | 9.8 | 17.8 |
| 6 30 | 18 4.15 | −53 41.8 | 2.133 | 3.049 | 9.9 | 17.8 |
| 7 10 | 17 52.72 | −53 0.7 | 2.158 | 3.049 | 11.0 | 17.9 |
| 7 20 | 17 43.65 | −51 57.8 | 2.207 | 3.050 | 12.6 | 18.0 |
| 7 30 | 17 37.75 | −50 39.9 | 2.275 | 3.051 | 14.3 | 18.1 |

**142391** 2002 $SY_{13}$ 6 23.9 15°.86 5°.1/23.8 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.94 | −33 21.1 | 1.408 | 2.281 | 16.5 | 19.8 |
| 5 31 | 18 35.54 | −34 3.2 | 1.345 | 2.282 | 12.7 | 19.6 |
| 6 10 | 18 26.98 | −34 37.7 | 1.302 | 2.283 | 8.7 | 19.4 |
| 6 20 | 18 16.22 | −34 58.8 | 1.282 | 2.285 | 5.5 | 19.2 |
| 6 30 | 18 4.79 | −35 2.4 | 1.287 | 2.287 | 6.1 | 19.2 |
| 7 10 | 17 54.40 | −34 48.7 | 1.315 | 2.289 | 9.6 | 19.4 |
| 7 20 | 17 46.41 | −34 21.3 | 1.366 | 2.291 | 13.6 | 19.7 |
| 7 30 | 17 41.75 | −33 45.4 | 1.436 | 2.294 | 17.2 | 19.9 |

**31296** 1998 $FY_{73}$ 6 23.9 272°.84 5°.0/23.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.05 | −36 55.2 | 2.226 | 3.071 | 12.2 | 17.8 |
| 5 31 | 18 33.32 | −37 32.6 | 2.143 | 3.061 | 9.6 | 17.6 |
| 6 10 | 18 25.31 | −38 2.3 | 2.082 | 3.050 | 7.0 | 17.4 |
| 6 20 | 18 15.70 | −38 20.1 | 2.048 | 3.039 | 5.1 | 17.3 |
| 6 30 | 18 5.52 | −38 23.2 | 2.040 | 3.028 | 5.5 | 17.3 |
| 7 10 | 17 55.91 | −38 11.5 | 2.058 | 3.017 | 7.8 | 17.4 |
| 7 20 | 17 47.87 | −37 46.9 | 2.102 | 3.006 | 10.6 | 17.6 |
| 7 30 | 17 42.18 | −37 13.1 | 2.167 | 2.995 | 13.3 | 17.7 |

**258660** 2002 $EP_{95}$ 6 23.9 104°.73 1°.0/24.1 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.15 | −19 52.0 | 2.388 | 3.244 | 11.1 | 21.1 |
| 5 31 | 18 29.83 | −19 52.8 | 2.320 | 3.253 | 8.3 | 21.0 |
| 6 10 | 18 22.90 | −19 56.0 | 2.277 | 3.263 | 5.0 | 20.8 |
| 6 20 | 18 14.95 | −20 1.1 | 2.260 | 3.273 | 1.8 | 20.6 |
| 6 30 | 18 6.73 | −20 7.2 | 2.272 | 3.282 | 2.3 | 20.6 |
| 7 10 | 17 59.04 | −20 14.3 | 2.311 | 3.291 | 5.6 | 20.9 |
| 7 20 | 17 52.56 | −20 22.1 | 2.377 | 3.301 | 8.7 | 21.1 |
| 7 30 | 17 47.83 | −20 30.8 | 2.467 | 3.310 | 11.4 | 21.3 |

**165138** 2000 $NL_{5}$ 6 23.9 307°.76 4°.5/23.8 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.97 | −31 14.8 | 1.219 | 2.104 | 17.6 | 19.2 |
| 5 31 | 18 34.95 | −31 43.2 | 1.127 | 2.074 | 13.7 | 18.8 |
| 6 10 | 18 27.21 | −32 6.4 | 1.055 | 2.043 | 9.2 | 18.5 |
| 6 20 | 18 16.46 | −32 18.4 | 1.004 | 2.013 | 5.1 | 18.2 |
| 6 30 | 18 4.23 | −32 13.9 | 0.976 | 1.982 | 5.9 | 18.1 |
| 7 10 | 17 52.53 | −31 51.6 | 0.970 | 1.953 | 10.9 | 18.3 |
| 7 20 | 17 43.29 | −31 14.8 | 0.985 | 1.924 | 16.2 | 18.5 |
| 7 30 | 17 37.92 | −30 29.7 | 1.017 | 1.895 | 21.1 | 18.7 |

**97277** 1999 $XJ_{144}$ 6 23.9 255°.02 3°.2/23.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.93 | −29 49.8 | 2.118 | 2.973 | 12.4 | 18.6 |
| 5 31 | 18 34.08 | −30 45.4 | 2.028 | 2.958 | 9.4 | 18.4 |
| 6 10 | 18 25.87 | −31 39.8 | 1.961 | 2.943 | 6.2 | 18.2 |
| 6 20 | 18 15.91 | −32 28.5 | 1.921 | 2.927 | 3.5 | 18.0 |
| 6 30 | 18 5.19 | −33 7.7 | 1.908 | 2.910 | 4.2 | 18.0 |
| 7 10 | 17 54.85 | −33 35.2 | 1.924 | 2.894 | 7.4 | 18.2 |
| 7 20 | 17 45.96 | −33 51.4 | 1.964 | 2.877 | 10.8 | 18.3 |
| 7 30 | 17 39.39 | −33 58.3 | 2.027 | 2.859 | 13.9 | 18.5 |

**30517** 2001 $LJ_{15}$ 6 23.9 249°.88 1°.2/23.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.43 | −20 13.3 | 2.786 | 3.638 | 9.8 | 18.5 |
| 5 31 | 18 28.44 | −19 55.3 | 2.700 | 3.631 | 7.3 | 18.3 |
| 6 10 | 18 22.04 | −19 38.3 | 2.639 | 3.624 | 4.5 | 18.1 |
| 6 20 | 18 14.71 | −19 22.4 | 2.605 | 3.617 | 1.7 | 17.9 |
| 6 30 | 18 7.09 | −19 7.7 | 2.600 | 3.610 | 2.2 | 17.9 |
| 7 10 | 17 59.85 | −18 54.7 | 2.624 | 3.602 | 5.1 | 18.1 |
| 7 20 | 17 53.61 | −18 43.9 | 2.674 | 3.595 | 8.0 | 18.3 |
| 7 30 | 17 48.85 | −18 35.6 | 2.749 | 3.587 | 10.5 | 18.4 |

**234188** 2000 $QN_{91}$ 6 24.0 252°.66 3°.8/23.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.70 | −34 12.6 | 2.251 | 3.094 | 12.2 | 21.0 |
| 5 31 | 18 36.04 | −34 34.7 | 2.150 | 3.071 | 9.5 | 20.8 |
| 6 10 | 18 27.00 | −34 50.1 | 2.074 | 3.048 | 6.5 | 20.6 |
| 6 20 | 18 16.23 | −34 55.0 | 2.023 | 3.024 | 4.1 | 20.4 |
| 6 30 | 18 4.75 | −34 46.9 | 2.001 | 2.999 | 4.5 | 20.4 |
| 7 10 | 17 53.73 | −34 25.6 | 2.006 | 2.973 | 7.4 | 20.5 |
| 7 20 | 17 44.25 | −33 53.3 | 2.038 | 2.947 | 10.6 | 20.7 |
| 7 30 | 17 37.14 | −33 13.9 | 2.092 | 2.920 | 13.7 | 20.8 |

**438205** 2005 $UO_{158}$ 6 24.0 287°.87 2°.7/23.9 15

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 34.86 | −16 22.8 | 2.216 | 3.071 | 11.9 | 21.6 |
| 5 31 | 18 29.96 | −16 1.6 | 2.116 | 3.047 | 9.1 | 21.4 |
| 6 10 | 18 23.19 | −15 44.4 | 2.040 | 3.022 | 5.9 | 21.1 |
| 6 20 | 18 15.10 | −15 31.6 | 1.990 | 2.998 | 3.1 | 20.9 |
| 6 30 | 18 6.46 | −15 23.9 | 1.967 | 2.973 | 3.6 | 20.9 |
| 7 10 | 17 58.15 | −15 21.4 | 1.972 | 2.948 | 6.8 | 21.0 |
| 7 20 | 17 51.00 | −15 24.3 | 2.002 | 2.923 | 10.2 | 21.2 |
| 7 30 | 17 45.71 | −15 32.3 | 2.055 | 2.898 | 13.3 | 21.3 |

**213873** 2003 $SN_{206}$ 6 24.0 210°.90 2°.4/24.0 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.75 | −18 33.4 | 1.640 | 2.505 | 14.9 | 20.6 |
| 5 31 | 18 33.98 | −18 12.2 | 1.564 | 2.501 | 11.2 | 20.4 |
| 6 10 | 18 25.75 | −17 54.6 | 1.511 | 2.498 | 7.1 | 20.1 |
| 6 20 | 18 15.85 | −17 40.7 | 1.483 | 2.494 | 3.1 | 19.8 |
| 6 30 | 18 5.40 | −17 30.8 | 1.481 | 2.489 | 3.8 | 19.9 |
| 7 10 | 17 55.66 | −17 25.4 | 1.504 | 2.485 | 8.0 | 20.1 |
| 7 20 | 17 47.70 | −17 24.7 | 1.552 | 2.480 | 12.2 | 20.4 |
| 7 30 | 17 42.30 | −17 28.9 | 1.622 | 2.474 | 15.8 | 20.6 |

**308389** 2005 $SY_{22}$ 6 24.0 318°.54 5°.0/23.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.96 | −35 29.7 | 1.984 | 2.839 | 13.1 | 20.4 |
| 5 31 | 18 32.73 | −36 15.1 | 1.905 | 2.831 | 10.2 | 20.2 |
| 6 10 | 18 25.05 | −36 53.6 | 1.850 | 2.822 | 7.3 | 20.0 |
| 6 20 | 18 15.67 | −37 20.5 | 1.819 | 2.814 | 5.2 | 19.9 |
| 6 30 | 18 5.65 | −37 32.6 | 1.814 | 2.806 | 5.7 | 19.9 |
| 7 10 | 17 56.25 | −37 29.3 | 1.836 | 2.799 | 8.2 | 20.0 |
| 7 20 | 17 48.55 | −37 12.5 | 1.881 | 2.791 | 11.3 | 20.2 |
| 7 30 | 17 43.37 | −36 45.8 | 1.948 | 2.784 | 14.2 | 20.4 |

**394269** 2006 $UP_{119}$ 6 24.0 286°.94 1°.1/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.42 | −20 27.2 | 2.050 | 2.913 | 12.4 | 21.4 |
| 5 31 | 18 30.44 | −20 24.5 | 1.967 | 2.904 | 9.3 | 21.2 |
| 6 10 | 18 23.49 | −20 24.1 | 1.906 | 2.894 | 5.7 | 21.0 |
| 6 20 | 18 15.18 | −20 25.5 | 1.872 | 2.885 | 2.0 | 20.7 |
| 6 30 | 18 6.40 | −20 28.1 | 1.865 | 2.876 | 2.6 | 20.7 |
| 7 10 | 17 58.10 | −20 31.6 | 1.884 | 2.866 | 6.5 | 21.0 |
| 7 20 | 17 51.16 | −20 36.1 | 1.930 | 2.857 | 10.1 | 21.2 |
| 7 30 | 17 46.26 | −20 42.0 | 1.997 | 2.848 | 13.3 | 21.3 |

**509685** 2008 $QH_{10}$ 6 24.0 276°.84 3°.3/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.21 | −14 59.2 | 1.898 | 2.754 | 13.6 | 21.8 |
| 5 31 | 18 32.04 | −14 45.7 | 1.799 | 2.729 | 10.5 | 21.5 |
| 6 10 | 18 24.63 | −14 38.6 | 1.723 | 2.704 | 6.9 | 21.3 |
| 6 20 | 18 15.57 | −14 38.5 | 1.671 | 2.678 | 3.8 | 21.0 |
| 6 30 | 18 5.77 | −14 45.7 | 1.647 | 2.652 | 4.2 | 21.0 |
| 7 10 | 17 56.31 | −14 59.8 | 1.649 | 2.626 | 7.8 | 21.1 |
| 7 20 | 17 48.20 | −15 20.1 | 1.676 | 2.599 | 11.7 | 21.3 |
| 7 30 | 17 42.29 | −15 45.9 | 1.725 | 2.572 | 15.3 | 21.5 |

**253576** 2003 $SH_{311}$ 6 24.0 261°.92 4°.9/23.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.62 | −33 7.8 | 1.574 | 2.438 | 15.5 | 21.0 |
| 5 31 | 18 36.80 | −33 51.1 | 1.492 | 2.424 | 12.0 | 20.7 |
| 6 10 | 18 27.84 | −34 28.4 | 1.431 | 2.410 | 8.2 | 20.5 |
| 6 20 | 18 16.56 | −34 54.0 | 1.394 | 2.396 | 5.2 | 20.3 |
| 6 30 | 18 4.33 | −35 3.1 | 1.382 | 2.382 | 5.8 | 20.3 |
| 7 10 | 17 52.82 | −34 54.9 | 1.396 | 2.367 | 9.4 | 20.4 |
| 7 20 | 17 43.47 | −34 32.1 | 1.432 | 2.352 | 13.5 | 20.6 |
| 7 30 | 17 37.34 | −33 59.8 | 1.489 | 2.337 | 17.2 | 20.8 |

**64129** 2001 $TX_{25}$ 6 24.0 122°.19 3°.6/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.42 | −13 58.5 | 2.218 | 3.067 | 12.1 | 19.6 |
| 5 31 | 18 30.09 | −13 22.0 | 2.148 | 3.073 | 9.3 | 19.4 |
| 6 10 | 18 23.10 | −12 51.0 | 2.102 | 3.078 | 6.3 | 19.2 |
| 6 20 | 18 15.04 | −12 26.5 | 2.082 | 3.083 | 3.9 | 19.1 |
| 6 30 | 18 6.71 | −12 9.7 | 2.089 | 3.088 | 4.3 | 19.1 |
| 7 10 | 17 58.93 | −12 0.9 | 2.124 | 3.093 | 6.9 | 19.3 |
| 7 20 | 17 52.41 | −12 0.0 | 2.184 | 3.097 | 9.8 | 19.5 |
| 7 30 | 17 47.69 | −12 6.3 | 2.267 | 3.102 | 12.5 | 19.7 |

**34193** Annakoonce 6 24.0 200°.55 2°.6/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.61 | −30 37.9 | 2.186 | 3.043 | 12.0 | 19.4 |
| 5 31 | 18 32.02 | −30 55.3 | 2.111 | 3.043 | 9.1 | 19.2 |
| 6 10 | 18 24.41 | −31 8.3 | 2.060 | 3.042 | 5.8 | 19.0 |
| 6 20 | 18 15.45 | −31 14.1 | 2.034 | 3.042 | 3.0 | 18.9 |
| 6 30 | 18 6.09 | −31 11.4 | 2.036 | 3.041 | 3.5 | 18.9 |
| 7 10 | 17 57.34 | −31 0.1 | 2.065 | 3.041 | 6.5 | 19.1 |
| 7 20 | 17 50.07 | −30 42.0 | 2.120 | 3.040 | 9.7 | 19.3 |
| 7 30 | 17 44.94 | −30 19.4 | 2.198 | 3.040 | 12.6 | 19.5 |

**508594** 2017 $OJ_{61}$ 6 24.0 288°.64 1°.6/23.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.76 | −26 12.5 | 1.393 | 2.270 | 16.3 | 22.2 |
| 5 31 | 18 35.76 | −26 27.3 | 1.297 | 2.241 | 12.4 | 21.9 |
| 6 10 | 18 27.45 | −26 41.4 | 1.221 | 2.212 | 7.8 | 21.5 |
| 6 20 | 18 16.53 | −26 51.2 | 1.169 | 2.182 | 2.8 | 21.1 |
| 6 30 | 18 4.30 | −26 53.5 | 1.141 | 2.152 | 3.9 | 21.1 |
| 7 10 | 17 52.51 | −26 47.4 | 1.137 | 2.122 | 9.4 | 21.3 |
| 7 20 | 17 42.78 | −26 34.4 | 1.156 | 2.091 | 14.7 | 21.5 |
| 7 30 | 17 36.39 | −26 18.0 | 1.194 | 2.061 | 19.4 | 21.7 |

**168951** 2001 $AL_{33}$ 6 24.0 130°.55 2°.7/24.0 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 44.13 | −30 11.4 | 1.749 | 2.607 | 14.5 | 20.7 |
| 5 31 | 18 37.09 | −30 22.9 | 1.687 | 2.620 | 10.9 | 20.5 |
| 6 10 | 18 27.52 | −30 28.6 | 1.648 | 2.632 | 6.9 | 20.3 |
| 6 20 | 18 16.35 | −30 25.4 | 1.635 | 2.644 | 3.2 | 20.1 |
| 6 30 | 18 4.83 | −30 11.7 | 1.648 | 2.655 | 3.8 | 20.2 |
| 7 10 | 17 54.30 | −29 48.6 | 1.688 | 2.666 | 7.6 | 20.4 |
| 7 20 | 17 45.80 | −29 19.0 | 1.754 | 2.676 | 11.3 | 20.7 |
| 7 30 | 17 40.06 | −28 46.6 | 1.841 | 2.685 | 14.6 | 20.9 |

**67994** 2000 $XX_{24}$ 6 24.0 56°.09 5°.8/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.59 | −37 49.4 | 1.631 | 2.486 | 15.4 | 18.0 |
| 5 31 | 18 36.29 | −38 10.1 | 1.575 | 2.498 | 12.1 | 17.8 |
| 6 10 | 18 27.15 | −38 18.2 | 1.540 | 2.510 | 8.7 | 17.6 |
| 6 20 | 18 16.25 | −38 9.1 | 1.529 | 2.523 | 6.1 | 17.5 |
| 6 30 | 18 5.04 | −37 41.2 | 1.543 | 2.536 | 6.3 | 17.5 |
| 7 10 | 17 55.00 | −36 56.5 | 1.582 | 2.549 | 9.0 | 17.7 |
| 7 20 | 17 47.28 | −35 59.9 | 1.645 | 2.562 | 12.3 | 18.0 |
| 7 30 | 17 42.60 | −34 57.5 | 1.729 | 2.575 | 15.3 | 18.2 |

**502973** 2015 $FQ_{39}$ 6 24.0 113°.60 1°.5/23.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.16 | −26 27.7 | 1.919 | 2.782 | 13.2 | 21.4 |
| 5 31 | 18 33.27 | −26 48.5 | 1.853 | 2.790 | 9.8 | 21.2 |
| 6 10 | 18 25.20 | −27 7.6 | 1.811 | 2.798 | 6.0 | 21.0 |
| 6 20 | 18 15.70 | −27 22.6 | 1.794 | 2.806 | 2.2 | 20.8 |
| 6 30 | 18 5.80 | −27 31.6 | 1.804 | 2.814 | 3.0 | 20.8 |
| 7 10 | 17 56.62 | −27 34.3 | 1.842 | 2.822 | 6.8 | 21.1 |
| 7 20 | 17 49.10 | −27 31.8 | 1.905 | 2.830 | 10.4 | 21.3 |
| 7 30 | 17 43.92 | −27 25.9 | 1.990 | 2.837 | 13.5 | 21.5 |

**230849** 2004 $RD_{53}$ 6 24.0 299°.51 1°.7/24.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.40 | −19 0.7 | 1.599 | 2.471 | 14.8 | 21.0 |
| 5 31 | 18 31.81 | −18 59.9 | 1.510 | 2.451 | 11.2 | 20.7 |
| 6 10 | 18 24.66 | −19 4.0 | 1.442 | 2.431 | 7.0 | 20.4 |
| 6 20 | 18 15.63 | −19 12.5 | 1.399 | 2.412 | 2.7 | 20.1 |
| 6 30 | 18 5.79 | −19 24.4 | 1.381 | 2.392 | 3.4 | 20.1 |
| 7 10 | 17 56.44 | −19 39.1 | 1.389 | 2.373 | 8.1 | 20.4 |
| 7 20 | 17 48.74 | −19 55.9 | 1.420 | 2.353 | 12.6 | 20.6 |
| 7 30 | 17 43.64 | −20 14.7 | 1.471 | 2.335 | 16.6 | 20.8 |

**118788** 2000 $RN_{99}$ 6 24.0 214°.80 4°.3/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.10 | −35 47.9 | 1.925 | 2.774 | 13.7 | 19.6 |
| 5 31 | 18 36.41 | −35 52.0 | 1.848 | 2.770 | 10.7 | 19.4 |
| 6 10 | 18 27.19 | −35 45.8 | 1.792 | 2.766 | 7.4 | 19.2 |
| 6 20 | 18 16.29 | −35 25.9 | 1.762 | 2.762 | 4.7 | 19.0 |
| 6 30 | 18 4.95 | −34 50.7 | 1.759 | 2.758 | 5.0 | 19.0 |
| 7 10 | 17 54.47 | −34 2.0 | 1.783 | 2.753 | 7.9 | 19.2 |
| 7 20 | 17 45.94 | −33 3.9 | 1.832 | 2.748 | 11.2 | 19.4 |
| 7 30 | 17 40.10 | −32 1.4 | 1.904 | 2.743 | 14.3 | 19.6 |

**475880** 2007 $CC_{49}$ 6 24.0 138°.91 1°.3/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.56 | −27 57.8 | 2.414 | 3.270 | 11.0 | 21.4 |
| 5 31 | 18 30.97 | −27 53.8 | 2.340 | 3.273 | 8.2 | 21.2 |
| 6 10 | 18 23.66 | −27 46.5 | 2.289 | 3.275 | 5.1 | 21.0 |
| 6 20 | 18 15.23 | −27 34.5 | 2.265 | 3.277 | 1.9 | 20.8 |
| 6 30 | 18 6.52 | −27 17.5 | 2.270 | 3.280 | 2.5 | 20.8 |
| 7 10 | 17 58.38 | −26 56.1 | 2.302 | 3.282 | 5.7 | 21.0 |
| 7 20 | 17 51.54 | −26 31.8 | 2.361 | 3.284 | 8.8 | 21.2 |
| 7 30 | 17 46.57 | −26 6.4 | 2.444 | 3.286 | 11.5 | 21.4 |

**293300** 2007 $DP_{27}$ 6 24.0 124°.94 1°.0/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.79 | −19 29.2 | 2.709 | 3.560 | 10.1 | 21.6 |
| 5 31 | 18 29.41 | −19 33.9 | 2.640 | 3.571 | 7.5 | 21.4 |
| 6 10 | 18 22.62 | −19 41.1 | 2.596 | 3.582 | 4.6 | 21.2 |
| 6 20 | 18 14.92 | −19 50.0 | 2.580 | 3.592 | 1.7 | 21.0 |
| 6 30 | 18 6.99 | −20 0.0 | 2.593 | 3.603 | 2.1 | 21.1 |
| 7 10 | 17 59.51 | −20 10.7 | 2.634 | 3.613 | 5.1 | 21.3 |
| 7 20 | 17 53.10 | −20 21.8 | 2.702 | 3.623 | 7.9 | 21.5 |
| 7 30 | 17 48.24 | −20 33.5 | 2.794 | 3.632 | 10.3 | 21.7 |

**138727** 2000 $SU_{180}$ 6 24.0 139°.89 4°.4/24.1 09 C

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 53.00 | −36 48.2 | 2.374 | 3.193 | 12.4 | 24.1 |
| 5 31 | 18 43.10 | −37 17.6 | 2.312 | 3.217 | 9.6 | 24.0 |
| 6 10 | 18 30.91 | −37 36.8 | 2.276 | 3.239 | 6.8 | 23.8 |
| 6 20 | 18 17.32 | −37 41.9 | 2.268 | 3.260 | 4.6 | 23.7 |
| 6 30 | 18 3.51 | −37 30.8 | 2.289 | 3.279 | 4.9 | 23.8 |
| 7 10 | 17 50.71 | −37 4.7 | 2.341 | 3.296 | 7.2 | 24.0 |
| 7 20 | 17 39.87 | −36 27.2 | 2.420 | 3.312 | 9.9 | 24.2 |
| 7 30 | 17 31.65 | −35 43.0 | 2.523 | 3.326 | 12.3 | 24.4 |

**464389** 2016 $BS_{2}$ 6 24.0 57°.74 3°.9/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.83 | −14 58.5 | 1.239 | 2.116 | 17.9 | 20.8 |
| 5 31 | 18 33.69 | −14 50.1 | 1.185 | 2.127 | 13.6 | 20.6 |
| 6 10 | 18 25.72 | −14 52.2 | 1.152 | 2.138 | 8.8 | 20.4 |
| 6 20 | 18 15.89 | −15 4.9 | 1.140 | 2.149 | 4.6 | 20.1 |
| 6 30 | 18 5.59 | −15 27.1 | 1.152 | 2.160 | 5.0 | 20.2 |
| 7 10 | 17 56.32 | −15 56.9 | 1.189 | 2.171 | 9.3 | 20.5 |
| 7 20 | 17 49.28 | −16 32.2 | 1.247 | 2.183 | 13.8 | 20.8 |
| 7 30 | 17 45.24 | −17 10.8 | 1.325 | 2.195 | 17.7 | 21.0 |

**359503** 2010 $PQ_{80}$ 6 24.0 344.°88 3.°1/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 35.39 | −15 15.3 | 1.167 | 2.054 | 18.1 | 19.5 |
| 5 31 | 18 31.60 | −15 33.4 | 1.100 | 2.047 | 13.8 | 19.3 |
| 6 10 | 18 24.76 | −16 4.8 | 1.052 | 2.041 | 8.9 | 19.0 |
| 6 20 | 18 15.70 | −16 48.4 | 1.025 | 2.036 | 4.1 | 18.7 |
| 6 30 | 18 5.80 | −17 41.5 | 1.022 | 2.032 | 4.5 | 18.7 |
| 7 10 | 17 56.69 | −18 40.2 | 1.041 | 2.028 | 9.5 | 19.0 |
| 7 20 | 17 49.76 | −19 40.8 | 1.082 | 2.026 | 14.6 | 19.2 |
| 7 30 | 17 46.03 | −20 40.3 | 1.141 | 2.024 | 19.0 | 19.5 |

**478333** 2011 $WU_{113}$ 6 24.0 176.°50 0.°6/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.58 | −22 21.3 | 2.461 | 3.316 | 10.9 | 20.9 |
| 5 31 | 18 30.18 | −22 5.7 | 2.383 | 3.317 | 8.1 | 20.8 |
| 6 10 | 18 23.17 | −21 50.1 | 2.330 | 3.318 | 4.9 | 20.6 |
| 6 20 | 18 15.11 | −21 34.1 | 2.304 | 3.318 | 1.5 | 20.3 |
| 6 30 | 18 6.76 | −21 17.9 | 2.307 | 3.318 | 2.2 | 20.4 |
| 7 10 | 17 58.92 | −21 1.8 | 2.338 | 3.318 | 5.5 | 20.6 |
| 7 20 | 17 52.27 | −20 46.9 | 2.395 | 3.318 | 8.6 | 20.8 |
| 7 30 | 17 47.35 | −20 33.9 | 2.476 | 3.318 | 11.4 | 21.0 |

**189779** 2002 $CJ_{203}$ 6 24.0 253.°94 1.°2/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.69 | −25 57.2 | 1.793 | 2.660 | 13.8 | 20.6 |
| 5 31 | 18 33.19 | −26 8.3 | 1.716 | 2.655 | 10.3 | 20.4 |
| 6 10 | 18 25.31 | −26 18.0 | 1.661 | 2.650 | 6.3 | 20.1 |
| 6 20 | 18 15.80 | −26 24.1 | 1.632 | 2.645 | 2.1 | 19.8 |
| 6 30 | 18 5.72 | −26 25.0 | 1.629 | 2.640 | 3.0 | 19.9 |
| 7 10 | 17 56.31 | −26 20.4 | 1.653 | 2.635 | 7.2 | 20.1 |
| 7 20 | 17 48.60 | −26 11.6 | 1.701 | 2.630 | 11.2 | 20.3 |
| 7 30 | 17 43.38 | −26 0.6 | 1.771 | 2.625 | 14.6 | 20.6 |

**483416** 1999 $YD_{6}$ 6 24.0 253.°71 4.°6/23.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.11 | −41 17.9 | 3.355 | 4.168 | 9.3 | 23.1 |
| 5 31 | 18 34.32 | −41 47.6 | 3.249 | 4.141 | 7.5 | 23.0 |
| 6 10 | 18 25.74 | −42 9.2 | 3.168 | 4.114 | 5.8 | 22.8 |
| 6 20 | 18 15.90 | −42 19.7 | 3.114 | 4.086 | 4.7 | 22.7 |
| 6 30 | 18 5.55 | −42 16.9 | 3.088 | 4.058 | 5.0 | 22.7 |
| 7 10 | 17 55.53 | −42 0.8 | 3.091 | 4.028 | 6.4 | 22.8 |
| 7 20 | 17 46.62 | −41 32.6 | 3.121 | 3.998 | 8.3 | 22.9 |
| 7 30 | 17 39.46 | −40 55.2 | 3.175 | 3.968 | 10.2 | 23.0 |

**284836** 2009 $BP_{52}$ 6 24.0 170.°62 5.°9/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.18 | − 4 47.3 | 2.311 | 3.133 | 12.6 | 21.3 |
| 5 31 | 18 29.91 | − 4 34.9 | 2.238 | 3.135 | 10.2 | 21.2 |
| 6 10 | 18 23.03 | − 4 35.0 | 2.187 | 3.137 | 7.8 | 21.0 |
| 6 20 | 18 15.09 | − 4 48.8 | 2.161 | 3.138 | 6.1 | 20.9 |
| 6 30 | 18 6.81 | − 5 16.5 | 2.162 | 3.139 | 6.1 | 20.9 |
| 7 10 | 17 58.97 | − 5 56.8 | 2.189 | 3.140 | 7.9 | 21.0 |
| 7 20 | 17 52.28 | − 6 47.3 | 2.243 | 3.141 | 10.3 | 21.2 |
| 7 30 | 17 47.29 | − 7 45.3 | 2.319 | 3.141 | 12.7 | 21.4 |

**465840** 2010 $NN_{67}$ 6 24.0 327.°56 3.°3/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.75 | −17 19.1 | 1.120 | 2.014 | 18.2 | 20.9 |
| 5 31 | 18 30.61 | −17 2.9 | 1.045 | 1.996 | 13.9 | 20.6 |
| 6 10 | 18 24.30 | −16 54.6 | 0.987 | 1.979 | 9.0 | 20.3 |
| 6 20 | 18 15.62 | −16 54.9 | 0.951 | 1.962 | 4.2 | 19.9 |
| 6 30 | 18 5.93 | −17 4.1 | 0.937 | 1.947 | 4.9 | 19.9 |
| 7 10 | 17 56.94 | −17 21.4 | 0.945 | 1.933 | 10.2 | 20.2 |
| 7 20 | 17 50.16 | −17 45.7 | 0.972 | 1.920 | 15.5 | 20.4 |
| 7 30 | 17 46.70 | −18 15.5 | 1.018 | 1.908 | 20.2 | 20.6 |

**102685** 1999 $VK_{70}$ 6 24.0 248.°26 3.°5/23.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.57 | −29 39.8 | 1.649 | 2.515 | 14.8 | 20.2 |
| 5 31 | 18 35.79 | −30 25.3 | 1.569 | 2.505 | 11.3 | 20.0 |
| 6 10 | 18 27.14 | −31 8.5 | 1.511 | 2.496 | 7.3 | 19.7 |
| 6 20 | 18 16.40 | −31 44.3 | 1.478 | 2.486 | 3.9 | 19.5 |
| 6 30 | 18 4.81 | −32 8.5 | 1.470 | 2.475 | 4.7 | 19.5 |
| 7 10 | 17 53.87 | −32 19.5 | 1.489 | 2.465 | 8.5 | 19.7 |
| 7 20 | 17 44.89 | −32 18.7 | 1.531 | 2.454 | 12.6 | 19.9 |
| 7 30 | 17 38.84 | −32 9.4 | 1.594 | 2.443 | 16.2 | 20.1 |

**153922** 2001 $YQ_{26}$ 6 24.0 238.°99 1.°4/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.18 | −26 16.0 | 1.718 | 2.586 | 14.2 | 20.1 |
| 5 31 | 18 33.64 | −26 29.9 | 1.645 | 2.584 | 10.6 | 19.9 |
| 6 10 | 18 25.61 | −26 42.2 | 1.593 | 2.582 | 6.5 | 19.7 |
| 6 20 | 18 15.90 | −26 50.4 | 1.567 | 2.580 | 2.3 | 19.4 |
| 6 30 | 18 5.63 | −26 52.7 | 1.567 | 2.578 | 3.1 | 19.4 |
| 7 10 | 17 56.09 | −26 48.8 | 1.593 | 2.576 | 7.4 | 19.7 |
| 7 20 | 17 48.34 | −26 40.2 | 1.644 | 2.573 | 11.5 | 19.9 |
| 7 30 | 17 43.19 | −26 29.0 | 1.716 | 2.571 | 15.0 | 20.2 |

**123773** 2001 $BB_{6}$ 6 24.0 160.°80 0.°4/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.44 | −20 5.7 | 2.959 | 3.806 | 9.5 | 20.2 |
| 5 31 | 18 29.88 | −20 32.4 | 2.882 | 3.811 | 7.0 | 20.0 |
| 6 10 | 18 22.93 | −21 1.7 | 2.830 | 3.816 | 4.3 | 19.8 |
| 6 20 | 18 15.06 | −21 32.2 | 2.807 | 3.821 | 1.3 | 19.6 |
| 6 30 | 18 6.89 | −22 2.6 | 2.814 | 3.825 | 1.8 | 19.7 |
| 7 10 | 17 59.09 | −22 32.0 | 2.850 | 3.829 | 4.7 | 19.9 |
| 7 20 | 17 52.23 | −22 59.5 | 2.913 | 3.832 | 7.4 | 20.1 |
| 7 30 | 17 46.83 | −23 25.3 | 3.002 | 3.835 | 9.8 | 20.2 |

**38888** 2000 $SA_{137}$ 6 24.0 213.°26 6.°4/23.8 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 36.70 | − 8 8.0 | 1.925 | 2.764 | 14.1 | 19.1 |
| 5 31 | 18 31.35 | − 7 12.9 | 1.850 | 2.761 | 11.3 | 18.9 |
| 6 10 | 18 24.04 | − 6 27.7 | 1.798 | 2.758 | 8.5 | 18.8 |
| 6 20 | 18 15.42 | − 5 55.1 | 1.771 | 2.754 | 6.6 | 18.6 |
| 6 30 | 18 6.39 | − 5 37.5 | 1.769 | 2.750 | 6.9 | 18.7 |
| 7 10 | 17 57.91 | − 5 35.3 | 1.794 | 2.746 | 9.2 | 18.8 |
| 7 20 | 17 50.82 | − 5 47.6 | 1.842 | 2.742 | 12.0 | 18.9 |
| 7 30 | 17 45.78 | − 6 12.1 | 1.911 | 2.737 | 14.8 | 19.1 |

**477110** 2009 $BQ_{177}$ 6 24.0 45.°39 6.°3/24.0 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.17 | −40 13.5 | 1.984 | 2.826 | 13.6 | 21.1 |
| 5 31 | 18 35.08 | −40 48.3 | 1.918 | 2.830 | 11.0 | 21.0 |
| 6 10 | 18 26.44 | −41 11.3 | 1.874 | 2.833 | 8.3 | 20.8 |
| 6 20 | 18 16.13 | −41 17.9 | 1.855 | 2.837 | 6.5 | 20.7 |
| 6 30 | 18 5.38 | −41 5.5 | 1.861 | 2.841 | 6.7 | 20.7 |
| 7 10 | 17 55.52 | −40 35.1 | 1.893 | 2.846 | 8.8 | 20.9 |
| 7 20 | 17 47.61 | −39 50.2 | 1.949 | 2.850 | 11.4 | 21.0 |
| 7 30 | 17 42.42 | −38 56.0 | 2.026 | 2.854 | 14.0 | 21.2 |

**25549** Jonsauer 6 24.0 123.°95 2.°5/23.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.39 | −28 22.7 | 1.712 | 2.575 | 14.5 | 19.1 |
| 5 31 | 18 35.96 | −28 55.5 | 1.650 | 2.586 | 10.9 | 18.9 |
| 6 10 | 18 26.97 | −29 25.3 | 1.611 | 2.597 | 6.8 | 18.7 |
| 6 20 | 18 16.29 | −29 48.2 | 1.597 | 2.607 | 3.1 | 18.5 |
| 6 30 | 18 5.15 | −30 1.5 | 1.609 | 2.617 | 3.8 | 18.6 |
| 7 10 | 17 54.89 | −30 4.8 | 1.648 | 2.626 | 7.7 | 18.8 |
| 7 20 | 17 46.60 | −29 59.7 | 1.712 | 2.635 | 11.5 | 19.1 |
| 7 30 | 17 41.03 | −29 49.1 | 1.797 | 2.643 | 14.8 | 19.3 |

**482967** 2014 $KE_{69}$ 6 24.0 275.°50 4.°0/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.74 | −12 17.3 | 2.336 | 3.182 | 11.7 | 21.6 |
| 5 31 | 18 28.89 | −11 44.3 | 2.257 | 3.179 | 9.1 | 21.4 |
| 6 10 | 18 22.44 | −11 17.6 | 2.203 | 3.175 | 6.3 | 21.2 |
| 6 20 | 18 14.95 | −10 58.5 | 2.174 | 3.172 | 4.2 | 21.1 |
| 6 30 | 18 7.12 | −10 47.9 | 2.173 | 3.168 | 4.5 | 21.1 |
| 7 10 | 17 59.74 | −10 46.0 | 2.199 | 3.165 | 6.9 | 21.2 |
| 7 20 | 17 53.49 | −10 52.4 | 2.250 | 3.161 | 9.7 | 21.4 |
| 7 30 | 17 48.92 | −11 6.2 | 2.324 | 3.158 | 12.3 | 21.6 |

**155732** 2000 $RZ_{86}$ 6 24.0 245.°71 2.°3/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.80 | −17 43.0 | 1.986 | 2.843 | 13.0 | 20.6 |
| 5 31 | 18 32.31 | −17 28.8 | 1.898 | 2.831 | 9.9 | 20.4 |
| 6 10 | 18 24.71 | −17 18.5 | 1.834 | 2.818 | 6.3 | 20.2 |
| 6 20 | 18 15.66 | −17 12.1 | 1.795 | 2.805 | 2.9 | 19.9 |
| 6 30 | 18 6.05 | −17 9.6 | 1.783 | 2.791 | 3.4 | 19.9 |
| 7 10 | 17 56.91 | −17 11.1 | 1.798 | 2.777 | 7.1 | 20.1 |
| 7 20 | 17 49.17 | −17 16.6 | 1.839 | 2.763 | 10.8 | 20.3 |
| 7 30 | 17 43.56 | −17 26.0 | 1.902 | 2.748 | 14.1 | 20.5 |

**429439** 2010 $VE_{56}$ 6 24.0 295.°94 0.°9/23.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.64 | −23 42.6 | 1.388 | 2.268 | 16.2 | 21.3 |
| 5 31 | 18 34.07 | −24 10.7 | 1.299 | 2.245 | 12.3 | 21.0 |
| 6 10 | 18 26.38 | −24 42.2 | 1.231 | 2.223 | 7.6 | 20.6 |
| 6 20 | 18 16.28 | −25 14.0 | 1.186 | 2.200 | 2.4 | 20.2 |
| 6 30 | 18 5.04 | −25 42.2 | 1.166 | 2.178 | 3.5 | 20.3 |
| 7 10 | 17 54.29 | −26 4.8 | 1.170 | 2.155 | 9.0 | 20.5 |
| 7 20 | 17 45.53 | −26 21.3 | 1.196 | 2.133 | 14.1 | 20.7 |
| 7 30 | 17 39.95 | −26 33.3 | 1.242 | 2.111 | 18.6 | 20.9 |

**77677** 2001 $MA_{25}$ 6 24.0 38.°81 2.°0/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.29 | −20 27.6 | 1.034 | 1.928 | 19.4 | 17.8 |
| 5 31 | 18 34.09 | −20 2.6 | 1.004 | 1.956 | 14.3 | 17.6 |
| 6 10 | 18 25.87 | −19 42.1 | 0.992 | 1.985 | 8.7 | 17.4 |
| 6 20 | 18 15.93 | −19 26.0 | 1.002 | 2.015 | 3.2 | 17.1 |
| 6 30 | 18 5.93 | −19 14.5 | 1.034 | 2.046 | 4.0 | 17.3 |
| 7 10 | 17 57.45 | −19 7.9 | 1.090 | 2.077 | 9.2 | 17.7 |
| 7 20 | 17 51.59 | −19 6.4 | 1.166 | 2.110 | 13.8 | 18.0 |
| 7 30 | 17 48.92 | −19 9.8 | 1.261 | 2.142 | 17.7 | 18.4 |

**196184** 2002 $YP_{13}$ 6 24.0 168.°34 1.°0/24.0 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.97 | −21 50.5 | 1.314 | 2.192 | 17.0 | 20.0 |
| 5 31 | 18 35.44 | −21 38.1 | 1.248 | 2.193 | 12.8 | 19.7 |
| 6 10 | 18 26.92 | −21 27.2 | 1.202 | 2.193 | 7.8 | 19.5 |
| 6 20 | 18 16.35 | −21 16.9 | 1.180 | 2.194 | 2.5 | 19.1 |
| 6 30 | 18 5.16 | −21 6.8 | 1.182 | 2.194 | 3.5 | 19.2 |
| 7 10 | 17 54.94 | −20 57.2 | 1.208 | 2.194 | 8.8 | 19.5 |
| 7 20 | 17 46.97 | −20 49.5 | 1.258 | 2.194 | 13.6 | 19.8 |
| 7 30 | 17 42.14 | −20 45.0 | 1.326 | 2.194 | 17.8 | 20.0 |

**260594** 2005 $FQ_{6}$ 6 24.0 136.°82 0.°9/23.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.18 | −23 27.5 | 1.581 | 2.450 | 15.2 | 20.5 |
| 5 31 | 18 35.27 | −24 5.6 | 1.515 | 2.455 | 11.3 | 20.2 |
| 6 10 | 18 26.69 | −24 46.0 | 1.470 | 2.460 | 6.9 | 20.0 |
| 6 20 | 18 16.28 | −25 25.3 | 1.451 | 2.464 | 2.2 | 19.7 |
| 6 30 | 18 5.26 | −25 59.9 | 1.457 | 2.469 | 3.1 | 19.8 |
| 7 10 | 17 55.04 | −26 27.9 | 1.490 | 2.473 | 7.8 | 20.1 |
| 7 20 | 17 46.76 | −26 49.3 | 1.548 | 2.477 | 12.1 | 20.3 |
| 7 30 | 17 41.28 | −27 5.5 | 1.626 | 2.480 | 15.7 | 20.6 |

**262036** 2006 $QD_{141}$ 6 24.0 214°.28 2°.7/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.53 | −16 24.8 | 1.835 | 2.692 | 14.0 | 21.2 |
| 5 31 | 18 33.70 | −16 18.1 | 1.754 | 2.686 | 10.6 | 20.9 |
| 6 10 | 18 25.61 | −16 17.4 | 1.696 | 2.679 | 6.8 | 20.7 |
| 6 20 | 18 15.95 | −16 22.3 | 1.663 | 2.672 | 3.3 | 20.5 |
| 6 30 | 18 5.72 | −16 32.6 | 1.657 | 2.664 | 3.7 | 20.5 |
| 7 10 | 17 56.05 | −16 47.6 | 1.678 | 2.656 | 7.5 | 20.7 |
| 7 20 | 17 47.92 | −17 6.6 | 1.724 | 2.647 | 11.4 | 20.9 |
| 7 30 | 17 42.12 | −17 28.9 | 1.792 | 2.638 | 14.8 | 21.1 |

**515177** 2011 $SB_{179}$ 6 24.0 192°.93 5°.2/23.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.40 | −42 53.0 | 3.207 | 4.017 | 9.7 | 23.4 |
| 5 31 | 18 34.55 | −43 33.2 | 3.128 | 4.014 | 8.0 | 23.3 |
| 6 10 | 18 25.88 | −44 4.3 | 3.072 | 4.011 | 6.3 | 23.1 |
| 6 20 | 18 15.99 | −44 23.0 | 3.044 | 4.007 | 5.3 | 23.1 |
| 6 30 | 18 5.69 | −44 27.3 | 3.043 | 4.003 | 5.5 | 23.1 |
| 7 10 | 17 55.86 | −44 16.9 | 3.070 | 3.998 | 6.8 | 23.2 |
| 7 20 | 17 47.30 | −43 53.7 | 3.123 | 3.992 | 8.5 | 23.3 |
| 7 30 | 17 40.61 | −43 20.8 | 3.200 | 3.986 | 10.3 | 23.4 |

**371495** 2006 $TG_{110}$ 6 24.0 209°.22 3°.1/23.9 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.94 | −30 22.5 | 1.739 | 2.601 | 14.3 | 21.9 |
| 5 31 | 18 35.80 | −30 45.4 | 1.664 | 2.598 | 10.9 | 21.7 |
| 6 10 | 18 27.00 | −31 3.5 | 1.611 | 2.595 | 7.0 | 21.4 |
| 6 20 | 18 16.37 | −31 12.9 | 1.582 | 2.591 | 3.6 | 21.2 |
| 6 30 | 18 5.13 | −31 11.1 | 1.581 | 2.587 | 4.2 | 21.2 |
| 7 10 | 17 54.66 | −30 58.3 | 1.605 | 2.582 | 7.9 | 21.4 |
| 7 20 | 17 46.11 | −30 36.7 | 1.654 | 2.577 | 11.8 | 21.7 |
| 7 30 | 17 40.34 | −30 10.0 | 1.724 | 2.572 | 15.2 | 21.9 |

**475248** 2005 $WH_{33}$ 6 24.0 155°.98 3°.9/22.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.87 | −34 11.0 | 2.829 | 3.666 | 10.1 | 21.7 |
| 5 31 | 18 33.52 | −35 19.7 | 2.756 | 3.672 | 7.8 | 21.6 |
| 6 10 | 18 25.33 | −36 24.1 | 2.708 | 3.676 | 5.6 | 21.4 |
| 6 20 | 18 15.86 | −37 20.4 | 2.689 | 3.681 | 4.0 | 21.3 |
| 6 30 | 18 5.88 | −38 5.3 | 2.698 | 3.685 | 4.4 | 21.4 |
| 7 10 | 17 56.29 | −38 37.6 | 2.737 | 3.689 | 6.4 | 21.5 |
| 7 20 | 17 47.87 | −38 57.6 | 2.802 | 3.693 | 8.7 | 21.7 |
| 7 30 | 17 41.29 | −39 7.5 | 2.891 | 3.696 | 10.8 | 21.8 |

**387067** 2012 $TC_{71}$ 6 24.0 93°.19 3°.8/24.1 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.82 | −33 42.9 | 1.949 | 2.803 | 13.3 | 21.2 |
| 5 31 | 18 34.59 | −33 59.3 | 1.886 | 2.813 | 10.2 | 21.0 |
| 6 10 | 18 26.05 | −34 7.8 | 1.845 | 2.823 | 6.9 | 20.8 |
| 6 20 | 18 16.05 | −34 5.5 | 1.830 | 2.833 | 4.1 | 20.6 |
| 6 30 | 18 5.71 | −33 50.6 | 1.842 | 2.843 | 4.5 | 20.7 |
| 7 10 | 17 56.24 | −33 24.2 | 1.881 | 2.853 | 7.4 | 20.9 |
| 7 20 | 17 48.59 | −32 49.3 | 1.944 | 2.862 | 10.6 | 21.1 |
| 7 30 | 17 43.44 | −32 9.6 | 2.030 | 2.872 | 13.5 | 21.3 |

**472771** 2015 $FX_{133}$ 6 24.0 324°.31 4°.1/24.3 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.47 | −13 33.4 | 1.700 | 2.562 | 14.6 | 20.7 |
| 5 31 | 18 30.77 | −13 13.4 | 1.626 | 2.557 | 11.2 | 20.5 |
| 6 10 | 18 23.86 | −13 1.8 | 1.573 | 2.553 | 7.6 | 20.3 |
| 6 20 | 18 15.45 | −12 59.6 | 1.544 | 2.548 | 4.6 | 20.1 |
| 6 30 | 18 6.52 | −13 7.3 | 1.541 | 2.544 | 4.9 | 20.1 |
| 7 10 | 17 58.19 | −13 24.1 | 1.564 | 2.540 | 8.2 | 20.3 |
| 7 20 | 17 51.41 | −13 48.8 | 1.610 | 2.536 | 11.9 | 20.5 |
| 7 30 | 17 46.93 | −14 19.8 | 1.677 | 2.532 | 15.3 | 20.7 |

**110067** 2001 $SH_{110}$ 6 24.0 251°.35 4°.9/23.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.70 | −36 53.5 | 2.242 | 3.087 | 12.2 | 19.5 |
| 5 31 | 18 33.81 | −37 28.9 | 2.162 | 3.079 | 9.6 | 19.3 |
| 6 10 | 18 25.67 | −37 56.3 | 2.105 | 3.072 | 7.0 | 19.2 |
| 6 20 | 18 15.98 | −38 11.9 | 2.073 | 3.065 | 5.1 | 19.0 |
| 6 30 | 18 5.76 | −38 12.9 | 2.069 | 3.057 | 5.4 | 19.0 |
| 7 10 | 17 56.13 | −37 59.3 | 2.091 | 3.050 | 7.7 | 19.2 |
| 7 20 | 17 48.08 | −37 33.3 | 2.138 | 3.042 | 10.4 | 19.3 |
| 7 30 | 17 42.37 | −36 58.5 | 2.207 | 3.034 | 13.1 | 19.5 |

**481121** 2005 $TU_{153}$ 6 24.0 209°.66 0°.4/24.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.17 | −21 54.4 | 2.990 | 3.838 | 9.4 | 23.1 |
| 5 31 | 18 29.73 | −21 51.7 | 2.902 | 3.832 | 6.9 | 22.9 |
| 6 10 | 18 22.88 | −21 49.6 | 2.839 | 3.825 | 4.2 | 22.8 |
| 6 20 | 18 15.12 | −21 47.4 | 2.804 | 3.817 | 1.3 | 22.5 |
| 6 30 | 18 7.05 | −21 44.8 | 2.798 | 3.809 | 1.9 | 22.6 |
| 7 10 | 17 59.33 | −21 41.7 | 2.821 | 3.801 | 4.8 | 22.8 |
| 7 20 | 17 52.56 | −21 38.6 | 2.872 | 3.792 | 7.5 | 22.9 |
| 7 30 | 17 47.23 | −21 35.8 | 2.948 | 3.782 | 9.9 | 23.1 |

**103341** 2000 $AG_{82}$ 6 24.0 170°.20 2°.5/24.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.89 | −14 48.5 | 2.187 | 3.036 | 12.3 | 20.2 |
| 5 31 | 18 31.37 | −14 57.6 | 2.112 | 3.038 | 9.3 | 20.1 |
| 6 10 | 18 24.03 | −15 13.6 | 2.060 | 3.040 | 6.0 | 19.9 |
| 6 20 | 18 15.48 | −15 36.0 | 2.035 | 3.042 | 3.1 | 19.7 |
| 6 30 | 18 6.53 | −16 3.8 | 2.037 | 3.043 | 3.3 | 19.7 |
| 7 10 | 17 58.08 | −16 35.5 | 2.067 | 3.044 | 6.4 | 19.9 |
| 7 20 | 17 50.89 | −17 10.0 | 2.124 | 3.045 | 9.7 | 20.1 |
| 7 30 | 17 45.60 | −17 46.0 | 2.204 | 3.045 | 12.6 | 20.3 |

**241952** 2002 $DD_{8}$ 6 24.0 151°.13 3°.0/23.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 41.95 | −29 42.6 | 2.172 | 3.023 | 12.3 | 20.6 |
| 5 31 | 18 35.33 | −30 35.5 | 2.103 | 3.031 | 9.3 | 20.4 |
| 6 10 | 18 26.52 | −31 25.7 | 2.058 | 3.039 | 6.0 | 20.3 |
| 6 20 | 18 16.23 | −32 9.0 | 2.040 | 3.047 | 3.3 | 20.1 |
| 6 30 | 18 5.44 | −32 42.3 | 2.051 | 3.053 | 3.9 | 20.1 |
| 7 10 | 17 55.25 | −33 4.4 | 2.089 | 3.060 | 6.9 | 20.3 |
| 7 20 | 17 46.62 | −33 15.9 | 2.154 | 3.065 | 10.0 | 20.5 |
| 7 30 | 17 40.28 | −33 19.2 | 2.241 | 3.070 | 12.8 | 20.7 |

**444772** 2007 $RE_{313}$ 6 24.1 356°.27 23°.7/ 1.5 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.16 | +20 19.2 | 1.035 | 1.798 | 28.2 | 21.0 |
| 5 31 | 18 32.30 | +21 56.4 | 0.991 | 1.796 | 26.7 | 20.9 |
| 6 10 | 18 25.24 | +22 46.0 | 0.957 | 1.795 | 25.3 | 20.7 |
| 6 20 | 18 15.94 | +22 36.8 | 0.935 | 1.794 | 24.2 | 20.7 |
| 6 30 | 18 5.89 | +21 22.5 | 0.926 | 1.794 | 23.7 | 20.6 |
| 7 10 | 17 56.80 | +19 5.5 | 0.931 | 1.794 | 24.0 | 20.6 |
| 7 20 | 17 50.07 | +15 56.7 | 0.950 | 1.795 | 25.0 | 20.7 |
| 7 30 | 17 46.71 | +12 11.9 | 0.985 | 1.796 | 26.5 | 20.8 |

**334757** 2003 $RD_{9}$ 6 24.1 286°.06 0°.1/24.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.73 | −25 14.7 | 1.914 | 2.775 | 13.2 | 20.0 |
| 5 31 | 18 34.06 | −24 49.2 | 1.810 | 2.747 | 10.0 | 19.7 |
| 6 10 | 18 25.98 | −24 19.9 | 1.729 | 2.718 | 6.1 | 19.4 |
| 6 20 | 18 16.14 | −23 45.9 | 1.674 | 2.688 | 1.8 | 19.1 |
| 6 30 | 18 5.55 | −23 7.4 | 1.647 | 2.659 | 2.7 | 19.1 |
| 7 10 | 17 55.41 | −22 25.9 | 1.647 | 2.629 | 7.2 | 19.3 |
| 7 20 | 17 46.80 | −21 44.1 | 1.672 | 2.599 | 11.5 | 19.5 |
| 7 30 | 17 40.58 | −21 4.8 | 1.719 | 2.568 | 15.2 | 19.7 |

**513668** 2011 $UV_{351}$ 6 24.1 267°.42 4°.3/23.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.88 | −33 59.3 | 2.186 | 3.038 | 12.2 | 21.8 |
| 5 31 | 18 33.29 | −34 46.5 | 2.104 | 3.028 | 9.5 | 21.6 |
| 6 10 | 18 25.43 | −35 28.6 | 2.044 | 3.018 | 6.6 | 21.5 |
| 6 20 | 18 15.96 | −36 1.3 | 2.010 | 3.008 | 4.5 | 21.3 |
| 6 30 | 18 5.87 | −36 21.4 | 2.004 | 2.998 | 5.0 | 21.3 |
| 7 10 | 17 56.28 | −36 28.0 | 2.024 | 2.988 | 7.5 | 21.5 |
| 7 20 | 17 48.19 | −36 22.3 | 2.070 | 2.978 | 10.5 | 21.6 |
| 7 30 | 17 42.40 | −36 7.3 | 2.137 | 2.968 | 13.3 | 21.8 |

**130114** 1999 $XS_{73}$ 6 24.1 224°.28 0°.3/24.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.04 | −22 26.1 | 2.292 | 3.146 | 11.6 | 20.8 |
| 5 31 | 18 32.29 | −22 27.4 | 2.204 | 3.137 | 8.7 | 20.6 |
| 6 10 | 18 24.65 | −22 29.4 | 2.140 | 3.127 | 5.3 | 20.4 |
| 6 20 | 18 15.71 | −22 31.1 | 2.104 | 3.117 | 1.6 | 20.1 |
| 6 30 | 18 6.31 | −22 31.6 | 2.095 | 3.107 | 2.3 | 20.1 |
| 7 10 | 17 57.36 | −22 30.8 | 2.115 | 3.096 | 6.0 | 20.4 |
| 7 20 | 17 49.69 | −22 29.1 | 2.161 | 3.084 | 9.4 | 20.5 |
| 7 30 | 17 43.94 | −22 27.5 | 2.231 | 3.072 | 12.5 | 20.7 |

**397148** 2005 $WK_{181}$ 6 24.1 274°.09 1°.1/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.45 | −18 23.5 | 2.404 | 3.257 | 11.2 | 21.0 |
| 5 31 | 18 30.38 | −18 43.4 | 2.306 | 3.238 | 8.4 | 20.7 |
| 6 10 | 18 23.53 | −19 8.1 | 2.233 | 3.219 | 5.2 | 20.5 |
| 6 20 | 18 15.40 | −19 36.4 | 2.187 | 3.199 | 1.9 | 20.3 |
| 6 30 | 18 6.73 | −20 7.2 | 2.169 | 3.179 | 2.4 | 20.3 |
| 7 10 | 17 58.34 | −20 38.9 | 2.179 | 3.159 | 5.9 | 20.5 |
| 7 20 | 17 51.03 | −21 10.7 | 2.216 | 3.139 | 9.2 | 20.6 |
| 7 30 | 17 45.46 | −21 41.9 | 2.276 | 3.119 | 12.2 | 20.8 |

**241902** 2001 $XR_{187}$ 6 24.1 76°.97 1°.6/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.35 | −30 25.9 | 2.175 | 3.028 | 12.2 | 19.8 |
| 5 31 | 18 33.85 | −29 53.7 | 2.107 | 3.037 | 9.1 | 19.6 |
| 6 10 | 18 25.44 | −29 14.6 | 2.062 | 3.047 | 5.7 | 19.4 |
| 6 20 | 18 15.89 | −28 28.0 | 2.045 | 3.056 | 2.3 | 19.2 |
| 6 30 | 18 6.17 | −27 34.7 | 2.056 | 3.066 | 2.7 | 19.3 |
| 7 10 | 17 57.26 | −26 37.2 | 2.096 | 3.076 | 6.1 | 19.5 |
| 7 20 | 17 49.95 | −25 38.5 | 2.162 | 3.085 | 9.4 | 19.7 |
| 7 30 | 17 44.79 | −24 41.8 | 2.252 | 3.095 | 12.3 | 20.0 |

**122435** 2000 $QJ_{120}$ 6 24.1 294°.15 0°.6/24.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.16 | −25 0.7 | 1.637 | 2.510 | 14.6 | 20.1 |
| 5 31 | 18 33.22 | −25 1.4 | 1.548 | 2.490 | 11.0 | 19.8 |
| 6 10 | 18 25.62 | −25 1.1 | 1.479 | 2.469 | 6.7 | 19.5 |
| 6 20 | 18 16.08 | −24 57.7 | 1.436 | 2.449 | 2.1 | 19.2 |
| 6 30 | 18 5.74 | −24 50.1 | 1.417 | 2.429 | 3.0 | 19.2 |
| 7 10 | 17 55.94 | −24 38.3 | 1.425 | 2.410 | 7.8 | 19.4 |
| 7 20 | 17 47.90 | −24 23.7 | 1.456 | 2.390 | 12.4 | 19.6 |
| 7 30 | 17 42.55 | −24 8.5 | 1.509 | 2.370 | 16.3 | 19.8 |

**480052** 2015 $CV_{39}$ 6 24.1 5°.92 16°.8/25.2 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.97 | −53 44.5 | 1.071 | 1.918 | 22.3 | 19.7 |
| 5 31 | 18 34.77 | −55 22.8 | 1.031 | 1.918 | 20.1 | 19.6 |
| 6 10 | 18 27.52 | −56 29.3 | 1.006 | 1.921 | 18.1 | 19.5 |
| 6 20 | 18 16.70 | −56 52.5 | 0.997 | 1.927 | 17.0 | 19.4 |
| 6 30 | 18 5.01 | −56 25.9 | 1.005 | 1.935 | 17.0 | 19.4 |
| 7 10 | 17 55.42 | −55 12.9 | 1.031 | 1.945 | 18.1 | 19.5 |
| 7 20 | 17 49.91 | −53 23.9 | 1.073 | 1.958 | 19.9 | 19.7 |
| 7 30 | 17 49.29 | −51 12.0 | 1.131 | 1.972 | 21.9 | 19.9 |

**40927** 1999 $TZ_{185}$ 6 24.1 352°.86 3°.1/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.13 | −32 21.4 | 1.345 | 2.226 | 16.6 | 18.0 |
| 5 31 | 18 33.47 | −31 57.0 | 1.276 | 2.220 | 12.7 | 17.7 |
| 6 10 | 18 25.79 | −31 21.2 | 1.227 | 2.215 | 8.2 | 17.4 |
| 6 20 | 18 16.09 | −30 31.8 | 1.201 | 2.211 | 3.9 | 17.2 |
| 6 30 | 18 5.87 | −29 29.4 | 1.199 | 2.208 | 4.3 | 17.2 |
| 7 10 | 17 56.73 | −28 17.8 | 1.221 | 2.207 | 8.7 | 17.4 |
| 7 20 | 17 49.93 | −27 2.7 | 1.266 | 2.206 | 13.3 | 17.7 |
| 7 30 | 17 46.29 | −25 50.0 | 1.331 | 2.206 | 17.3 | 18.0 |

**26245** 1998 $QR_{45}$ 6 24.1 244°.91 7°.8/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.55 | − 4 1.9 | 1.894 | 2.720 | 14.8 | 19.2 |
| 5 31 | 18 32.19 | − 3 15.6 | 1.809 | 2.706 | 12.3 | 19.0 |
| 6 10 | 18 24.73 | − 2 42.8 | 1.744 | 2.691 | 9.7 | 18.8 |
| 6 20 | 18 15.78 | − 2 26.8 | 1.704 | 2.675 | 8.0 | 18.7 |
| 6 30 | 18 6.23 | − 2 29.8 | 1.689 | 2.659 | 8.2 | 18.6 |
| 7 10 | 17 57.10 | − 2 51.8 | 1.699 | 2.643 | 10.2 | 18.7 |
| 7 20 | 17 49.33 | − 3 30.9 | 1.733 | 2.626 | 13.1 | 18.9 |
| 7 30 | 17 43.66 | − 4 23.6 | 1.788 | 2.609 | 15.9 | 19.0 |

**283894** 2004 $CL_{8}$ 6 24.1 174°.08 3°.6/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.94 | −11 43.1 | 2.247 | 3.090 | 12.2 | 20.9 |
| 5 31 | 18 30.62 | −11 44.8 | 2.171 | 3.091 | 9.4 | 20.8 |
| 6 10 | 18 23.58 | −11 55.2 | 2.119 | 3.092 | 6.5 | 20.6 |
| 6 20 | 18 15.40 | −12 14.2 | 2.093 | 3.093 | 4.0 | 20.4 |
| 6 30 | 18 6.84 | −12 41.4 | 2.094 | 3.094 | 4.1 | 20.4 |
| 7 10 | 17 58.74 | −13 15.4 | 2.123 | 3.094 | 6.7 | 20.6 |
| 7 20 | 17 51.84 | −13 54.7 | 2.178 | 3.094 | 9.7 | 20.8 |
| 7 30 | 17 46.73 | −14 37.4 | 2.256 | 3.094 | 12.4 | 21.0 |

**436319** 2010 $FT_{61}$ 6 24.1 241°.78 5°.4/22.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 47.43 | −32 51.0 | 2.103 | 2.943 | 13.0 | 21.6 |
| 5 31 | 18 40.19 | −34 46.1 | 2.011 | 2.929 | 10.2 | 21.4 |
| 6 10 | 18 30.01 | −36 41.3 | 1.944 | 2.913 | 7.3 | 21.2 |
| 6 20 | 18 17.46 | −38 28.4 | 1.906 | 2.897 | 5.5 | 21.1 |
| 6 30 | 18 3.61 | −39 59.8 | 1.897 | 2.880 | 6.3 | 21.1 |
| 7 10 | 17 49.87 | −41 10.6 | 1.917 | 2.863 | 9.1 | 21.2 |
| 7 20 | 17 37.65 | −42 0.3 | 1.963 | 2.846 | 12.2 | 21.4 |
| 7 30 | 17 28.13 | −42 31.8 | 2.032 | 2.827 | 15.1 | 21.5 |

**237093** 2008 $TL_{24}$ 6 24.1 239°.04 0°.6/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.98 | −24 59.4 | 2.086 | 2.944 | 12.4 | 21.5 |
| 5 31 | 18 33.22 | −25 3.8 | 1.998 | 2.933 | 9.3 | 21.3 |
| 6 10 | 18 25.32 | −25 7.4 | 1.934 | 2.922 | 5.7 | 21.0 |
| 6 20 | 18 15.95 | −25 8.2 | 1.896 | 2.910 | 1.8 | 20.7 |
| 6 30 | 18 6.03 | −25 5.4 | 1.886 | 2.897 | 2.5 | 20.8 |
| 7 10 | 17 56.61 | −24 58.7 | 1.903 | 2.884 | 6.5 | 21.0 |
| 7 20 | 17 48.63 | −24 49.2 | 1.946 | 2.871 | 10.2 | 21.2 |
| 7 30 | 17 42.83 | −24 38.5 | 2.012 | 2.858 | 13.5 | 21.4 |

**301001** 2008 $GE_{92}$ 6 24.1 166°.95 5°.4/23.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.43 | −41 56.1 | 2.966 | 3.782 | 10.3 | 21.5 |
| 5 31 | 18 34.71 | −42 46.6 | 2.895 | 3.787 | 8.4 | 21.4 |
| 6 10 | 18 26.07 | −43 28.2 | 2.848 | 3.791 | 6.6 | 21.3 |
| 6 20 | 18 16.14 | −43 57.0 | 2.828 | 3.794 | 5.5 | 21.2 |
| 6 30 | 18 5.78 | −44 10.7 | 2.836 | 3.798 | 5.7 | 21.2 |
| 7 10 | 17 55.93 | −44 9.1 | 2.870 | 3.800 | 7.1 | 21.3 |
| 7 20 | 17 47.41 | −43 53.9 | 2.931 | 3.803 | 9.0 | 21.4 |
| 7 30 | 17 40.89 | −43 28.2 | 3.014 | 3.804 | 10.8 | 21.6 |

**183150** 2002 $RQ_{260}$ 6 24.1 225°.82 0°.9/24.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.02 | −20 48.5 | 1.863 | 2.723 | 13.6 | 21.7 |
| 5 31 | 18 34.15 | −20 49.3 | 1.779 | 2.714 | 10.2 | 21.5 |
| 6 10 | 18 25.96 | −20 52.5 | 1.717 | 2.705 | 6.3 | 21.2 |
| 6 20 | 18 16.15 | −20 57.0 | 1.682 | 2.695 | 2.1 | 20.9 |
| 6 30 | 18 5.74 | −21 1.8 | 1.673 | 2.685 | 2.8 | 21.0 |
| 7 10 | 17 55.87 | −21 6.7 | 1.692 | 2.674 | 7.1 | 21.2 |
| 7 20 | 17 47.57 | −21 11.6 | 1.736 | 2.662 | 11.1 | 21.4 |
| 7 30 | 17 41.64 | −21 17.5 | 1.802 | 2.651 | 14.7 | 21.6 |

**271820** 2004 $TN_{137}$ 6 24.1 302°.55 9°.4/23.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.90 | − 3 17.3 | 1.662 | 2.499 | 16.1 | 20.0 |
| 5 31 | 18 30.42 | − 2 4.1 | 1.586 | 2.486 | 13.5 | 19.8 |
| 6 10 | 18 23.74 | − 1 5.2 | 1.529 | 2.473 | 11.0 | 19.6 |
| 6 20 | 18 15.51 | − 0 25.4 | 1.495 | 2.460 | 9.5 | 19.5 |
| 6 30 | 18 6.70 | − 0 8.6 | 1.485 | 2.448 | 9.8 | 19.4 |
| 7 10 | 17 58.40 | − 0 15.6 | 1.498 | 2.436 | 11.8 | 19.5 |
| 7 20 | 17 51.59 | − 0 44.5 | 1.532 | 2.424 | 14.5 | 19.7 |
| 7 30 | 17 47.04 | − 1 31.6 | 1.586 | 2.413 | 17.3 | 19.8 |

**388886** 2008 $RG_{103}$ 6 24.1 246°.74 5°.2/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.85 | −38 16.5 | 2.241 | 3.076 | 12.5 | 22.0 |
| 5 31 | 18 37.06 | −38 44.9 | 2.147 | 3.058 | 10.0 | 21.8 |
| 6 10 | 18 27.78 | −39 3.9 | 2.076 | 3.039 | 7.4 | 21.6 |
| 6 20 | 18 16.72 | −39 9.2 | 2.031 | 3.020 | 5.4 | 21.5 |
| 6 30 | 18 4.98 | −38 57.7 | 2.013 | 3.000 | 5.7 | 21.5 |
| 7 10 | 17 53.82 | −38 29.6 | 2.023 | 2.979 | 8.0 | 21.6 |
| 7 20 | 17 44.35 | −37 47.6 | 2.058 | 2.958 | 11.0 | 21.7 |
| 7 30 | 17 37.40 | −36 56.4 | 2.115 | 2.937 | 13.8 | 21.9 |

**442031** 2010 $PW_{10}$ 6 24.1 291°.60 4°.1/23.5 15

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 37.75 | −33 39.6 | 2.232 | 3.084 | 11.9 | 21.0 |
| 5 31 | 18 32.48 | −34 22.7 | 2.141 | 3.067 | 9.3 | 20.8 |
| 6 10 | 18 24.99 | −35 1.1 | 2.074 | 3.050 | 6.4 | 20.6 |
| 6 20 | 18 15.90 | −35 30.9 | 2.033 | 3.032 | 4.3 | 20.4 |
| 6 30 | 18 6.15 | −35 49.0 | 2.019 | 3.015 | 4.8 | 20.4 |
| 7 10 | 17 56.82 | −35 54.4 | 2.032 | 2.997 | 7.4 | 20.6 |
| 7 20 | 17 48.90 | −35 48.0 | 2.069 | 2.980 | 10.4 | 20.7 |
| 7 30 | 17 43.21 | −35 32.7 | 2.129 | 2.963 | 13.3 | 20.9 |

**507075** 2008 $YH_{101}$ 6 24.1 175°.02 1°.1/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.23 | −19 30.1 | 2.370 | 3.222 | 11.4 | 22.5 |
| 5 31 | 18 31.53 | −19 31.8 | 2.293 | 3.224 | 8.5 | 22.3 |
| 6 10 | 18 24.12 | −19 36.4 | 2.241 | 3.226 | 5.2 | 22.1 |
| 6 20 | 18 15.58 | −19 42.9 | 2.215 | 3.227 | 1.9 | 21.9 |
| 6 30 | 18 6.69 | −19 50.7 | 2.218 | 3.228 | 2.4 | 21.9 |
| 7 10 | 17 58.28 | −19 59.4 | 2.249 | 3.228 | 5.8 | 22.2 |
| 7 20 | 17 51.10 | −20 8.9 | 2.306 | 3.228 | 9.0 | 22.4 |
| 7 30 | 17 45.72 | −20 19.3 | 2.388 | 3.228 | 11.8 | 22.6 |

**40892** 1999 $TY_{136}$ 6 24.1 172°.34 1°.9/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.65 | −17 12.2 | 2.644 | 3.493 | 10.4 | 20.4 |
| 5 31 | 18 29.45 | −17 2.7 | 2.567 | 3.495 | 7.8 | 20.2 |
| 6 10 | 18 22.79 | −16 56.7 | 2.514 | 3.496 | 5.0 | 20.0 |
| 6 20 | 18 15.18 | −16 54.1 | 2.488 | 3.498 | 2.3 | 19.9 |
| 6 30 | 18 7.29 | −16 54.8 | 2.491 | 3.498 | 2.7 | 19.9 |
| 7 10 | 17 59.82 | −16 58.6 | 2.523 | 3.499 | 5.4 | 20.1 |
| 7 20 | 17 53.39 | −17 5.4 | 2.581 | 3.500 | 8.3 | 20.3 |
| 7 30 | 17 48.51 | −17 14.9 | 2.662 | 3.500 | 10.8 | 20.4 |

**215599** 2003 $RN_{1}$ 6 24.1 346°.76 2°.6/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 31.26 | −14 33.4 | 0.941 | 1.845 | 19.9 | 18.6 |
| 5 31 | 18 29.21 | −15 24.6 | 0.875 | 1.831 | 15.3 | 18.3 |
| 6 10 | 18 23.76 | −16 36.9 | 0.826 | 1.820 | 9.8 | 17.9 |
| 6 20 | 18 15.68 | −18 7.9 | 0.797 | 1.810 | 4.0 | 17.6 |
| 6 30 | 18 6.46 | −19 51.3 | 0.789 | 1.802 | 4.4 | 17.6 |
| 7 10 | 17 57.98 | −21 38.5 | 0.802 | 1.796 | 10.3 | 17.9 |
| 7 20 | 17 51.95 | −23 21.6 | 0.835 | 1.791 | 16.1 | 18.1 |
| 7 30 | 17 49.62 | −24 55.3 | 0.885 | 1.789 | 21.1 | 18.4 |

**100265** 1994 $TH_{14}$ 6 24.1 235°.19 0°.3/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.91 | −23 51.9 | 2.662 | 3.514 | 10.2 | 20.7 |
| 5 31 | 18 30.53 | −24 0.6 | 2.571 | 3.504 | 7.6 | 20.5 |
| 6 10 | 18 23.53 | −24 9.5 | 2.506 | 3.493 | 4.6 | 20.3 |
| 6 20 | 18 15.43 | −24 17.1 | 2.467 | 3.481 | 1.4 | 20.1 |
| 6 30 | 18 6.92 | −24 22.7 | 2.458 | 3.469 | 2.0 | 20.1 |
| 7 10 | 17 58.78 | −24 25.9 | 2.477 | 3.457 | 5.3 | 20.3 |
| 7 20 | 17 51.70 | −24 27.0 | 2.523 | 3.445 | 8.3 | 20.5 |
| 7 30 | 17 46.27 | −24 26.8 | 2.593 | 3.432 | 11.0 | 20.6 |

**499503** 2010 $NO_{56}$ 6 24.1 309°.32 1°.2/23.9 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.78 | −25 17.8 | 2.103 | 2.967 | 12.1 | 21.5 |
| 5 31 | 18 30.89 | −25 48.6 | 2.020 | 2.958 | 9.1 | 21.3 |
| 6 10 | 18 23.96 | −26 20.0 | 1.960 | 2.948 | 5.6 | 21.1 |
| 6 20 | 18 15.60 | −26 49.5 | 1.927 | 2.939 | 2.0 | 20.8 |
| 6 30 | 18 6.69 | −27 14.7 | 1.920 | 2.931 | 2.7 | 20.8 |
| 7 10 | 17 58.23 | −27 34.5 | 1.941 | 2.922 | 6.4 | 21.1 |
| 7 20 | 17 51.13 | −27 48.8 | 1.987 | 2.914 | 10.0 | 21.3 |
| 7 30 | 17 46.11 | −27 58.6 | 2.056 | 2.905 | 13.1 | 21.4 |

**280111** 2002 $GP_{105}$ 6 24.1 92°.41 5°.7/23.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.08 | −35 12.5 | 1.820 | 2.673 | 14.2 | 20.1 |
| 5 31 | 18 36.70 | −36 26.2 | 1.763 | 2.685 | 11.1 | 20.0 |
| 6 10 | 18 27.62 | −37 32.7 | 1.728 | 2.698 | 7.9 | 19.8 |
| 6 20 | 18 16.68 | −38 25.7 | 1.718 | 2.710 | 5.8 | 19.7 |
| 6 30 | 18 5.16 | −39 0.6 | 1.734 | 2.722 | 6.3 | 19.8 |
| 7 10 | 17 54.47 | −39 16.5 | 1.777 | 2.734 | 8.9 | 19.9 |
| 7 20 | 17 45.80 | −39 15.6 | 1.843 | 2.746 | 11.9 | 20.1 |
| 7 30 | 17 39.97 | −39 2.3 | 1.931 | 2.758 | 14.7 | 20.4 |

**51384** 2001 $CP_{4}$ 6 24.1 18°.90 7°.6/23.9 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.55 | −35 48.7 | 1.003 | 1.897 | 19.8 | 17.7 |
| 5 31 | 18 33.95 | −36 46.5 | 0.959 | 1.905 | 15.5 | 17.5 |
| 6 10 | 18 26.47 | −37 31.3 | 0.933 | 1.914 | 11.1 | 17.3 |
| 6 20 | 18 16.38 | −37 55.1 | 0.926 | 1.925 | 7.9 | 17.1 |
| 6 30 | 18 5.68 | −37 53.1 | 0.941 | 1.938 | 8.4 | 17.2 |
| 7 10 | 17 56.51 | −37 26.8 | 0.976 | 1.952 | 11.8 | 17.4 |
| 7 20 | 17 50.43 | −36 42.4 | 1.031 | 1.967 | 15.9 | 17.7 |
| 7 30 | 17 48.30 | −35 47.7 | 1.103 | 1.984 | 19.6 | 18.0 |

**477161** 2009 $DV_{138}$ 6 24.1 174°.98 4°.0/23.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.52 | −33 59.6 | 2.264 | 3.112 | 11.9 | 21.6 |
| 5 31 | 18 33.59 | −34 38.0 | 2.190 | 3.113 | 9.2 | 21.4 |
| 6 10 | 18 25.53 | −35 10.5 | 2.140 | 3.114 | 6.4 | 21.2 |
| 6 20 | 18 16.05 | −35 33.4 | 2.116 | 3.114 | 4.2 | 21.1 |
| 6 30 | 18 6.08 | −35 44.3 | 2.119 | 3.115 | 4.6 | 21.1 |
| 7 10 | 17 56.72 | −35 42.7 | 2.150 | 3.115 | 7.1 | 21.3 |
| 7 20 | 17 48.86 | −35 30.4 | 2.206 | 3.115 | 9.9 | 21.4 |
| 7 30 | 17 43.22 | −35 10.2 | 2.285 | 3.115 | 12.6 | 21.6 |

**277251** 2005 $RW_{44}$ 6 24.1 332°.71 3°.5/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 30.76 | −12 23.6 | 2.311 | 3.164 | 11.6 | 19.5 |
| 5 31 | 18 26.92 | −12 19.1 | 2.219 | 3.145 | 9.0 | 19.3 |
| 6 10 | 18 21.45 | −12 22.4 | 2.150 | 3.126 | 6.2 | 19.1 |
| 6 20 | 18 14.85 | −12 34.2 | 2.106 | 3.108 | 3.8 | 18.9 |
| 6 30 | 18 7.79 | −12 54.2 | 2.089 | 3.090 | 4.0 | 18.9 |
| 7 10 | 18 1.06 | −13 21.7 | 2.099 | 3.073 | 6.6 | 19.0 |
| 7 20 | 17 55.35 | −13 55.4 | 2.134 | 3.057 | 9.6 | 19.2 |
| 7 30 | 17 51.28 | −14 33.8 | 2.192 | 3.041 | 12.4 | 19.4 |

**3637** O′Meara 6 24.1 355°.61 10°.4/23.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.31 | − 4 2.4 | 1.394 | 2.245 | 17.8 | 15.0 |
| 5 31 | 18 30.20 | − 2 27.3 | 1.332 | 2.242 | 14.9 | 14.8 |
| 6 10 | 18 23.68 | − 1 8.0 | 1.290 | 2.239 | 12.2 | 14.6 |
| 6 20 | 18 15.53 | − 0 10.8 | 1.270 | 2.238 | 10.6 | 14.5 |
| 6 30 | 18 6.87 | + 0 19.4 | 1.272 | 2.237 | 10.9 | 14.6 |
| 7 10 | 17 58.95 | + 0 21.6 | 1.296 | 2.236 | 13.0 | 14.7 |
| 7 20 | 17 52.79 | − 0 1.7 | 1.340 | 2.237 | 15.8 | 14.8 |
| 7 30 | 17 49.17 | − 0 45.7 | 1.402 | 2.238 | 18.7 | 15.0 |

**66825** 1999 $UZ_{27}$ 6 24.1 150°.78 1°.4/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.81 | −20 1.5 | 1.894 | 2.757 | 13.3 | 20.4 |
| 5 31 | 18 32.33 | −19 52.0 | 1.822 | 2.759 | 10.0 | 20.2 |
| 6 10 | 18 24.76 | −19 45.2 | 1.773 | 2.761 | 6.1 | 19.9 |
| 6 20 | 18 15.82 | −19 40.3 | 1.750 | 2.762 | 2.2 | 19.7 |
| 6 30 | 18 6.46 | −19 37.3 | 1.754 | 2.764 | 2.9 | 19.7 |
| 7 10 | 17 57.75 | −19 36.0 | 1.784 | 2.766 | 6.8 | 20.0 |
| 7 20 | 17 50.56 | −19 36.8 | 1.840 | 2.767 | 10.6 | 20.2 |
| 7 30 | 17 45.59 | −19 39.9 | 1.917 | 2.769 | 13.8 | 20.4 |

**314005** 2004 $UK$ 6 24.1 196°.48 9°.4/24.7 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.60 | + 5 6.3 | 2.360 | 3.126 | 14.0 | 21.6 |
| 5 31 | 18 33.26 | + 5 54.1 | 2.282 | 3.122 | 12.2 | 21.5 |
| 6 10 | 18 25.19 | + 6 25.0 | 2.225 | 3.117 | 10.6 | 21.4 |
| 6 20 | 18 15.94 | + 6 35.7 | 2.193 | 3.112 | 9.5 | 21.3 |
| 6 30 | 18 6.28 | + 6 24.0 | 2.185 | 3.104 | 9.6 | 21.3 |
| 7 10 | 17 57.04 | + 5 50.7 | 2.203 | 3.096 | 10.7 | 21.3 |
| 7 20 | 17 48.96 | + 4 58.1 | 2.245 | 3.087 | 12.4 | 21.4 |
| 7 30 | 17 42.65 | + 3 50.3 | 2.309 | 3.077 | 14.3 | 21.6 |

**475741** 2006 $WV_{93}$ 6 24.1 237°.42 0°.1/24.1 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.58 | −22 40.3 | 2.747 | 3.596 | 10.0 | 23.3 |
| 5 31 | 18 31.02 | −22 49.1 | 2.650 | 3.581 | 7.5 | 23.1 |
| 6 10 | 18 23.84 | −22 58.7 | 2.579 | 3.565 | 4.6 | 22.9 |
| 6 20 | 18 15.55 | −23 8.0 | 2.535 | 3.549 | 1.4 | 22.7 |
| 6 30 | 18 6.82 | −23 15.9 | 2.521 | 3.532 | 2.0 | 22.7 |
| 7 10 | 17 58.42 | −23 22.2 | 2.535 | 3.515 | 5.2 | 22.9 |
| 7 20 | 17 51.02 | −23 26.9 | 2.577 | 3.497 | 8.2 | 23.0 |
| 7 30 | 17 45.22 | −23 30.7 | 2.643 | 3.478 | 10.9 | 23.2 |

**339394** 2005 $BN_{28}$ 6 24.1 192°.75 0°.5/24.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.16 | −22 29.5 | 2.139 | 2.997 | 12.2 | 21.4 |
| 5 31 | 18 32.43 | −22 22.2 | 2.061 | 2.996 | 9.1 | 21.2 |
| 6 10 | 18 24.77 | −22 15.2 | 2.007 | 2.994 | 5.5 | 20.9 |
| 6 20 | 18 15.82 | −22 7.7 | 1.979 | 2.992 | 1.7 | 20.7 |
| 6 30 | 18 6.48 | −21 59.3 | 1.979 | 2.990 | 2.4 | 20.7 |
| 7 10 | 17 57.70 | −21 50.4 | 2.007 | 2.988 | 6.2 | 21.0 |
| 7 20 | 17 50.32 | −21 41.5 | 2.060 | 2.985 | 9.7 | 21.2 |
| 7 30 | 17 44.97 | −21 33.9 | 2.137 | 2.983 | 12.8 | 21.4 |

**347703** 2001 $WX_{43}$ 6 24.1 157°.49 2°.6/23.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.32 | −29 51.9 | 2.376 | 3.229 | 11.3 | 21.0 |
| 5 31 | 18 32.55 | −30 31.8 | 2.303 | 3.232 | 8.5 | 20.8 |
| 6 10 | 18 24.85 | −31 8.9 | 2.253 | 3.235 | 5.5 | 20.7 |
| 6 20 | 18 15.86 | −31 40.0 | 2.231 | 3.238 | 3.0 | 20.5 |
| 6 30 | 18 6.43 | −32 2.8 | 2.237 | 3.240 | 3.5 | 20.5 |
| 7 10 | 17 57.51 | −32 16.6 | 2.271 | 3.243 | 6.3 | 20.7 |
| 7 20 | 17 49.94 | −32 21.8 | 2.330 | 3.245 | 9.2 | 20.9 |
| 7 30 | 17 44.36 | −32 20.6 | 2.413 | 3.247 | 11.9 | 21.1 |

**18857** Lalchandani 6 24.1 189°.72 0°.8/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.08 | −26 7.3 | 1.642 | 2.508 | 14.8 | 18.4 |
| 5 31 | 18 35.90 | −25 59.0 | 1.569 | 2.507 | 11.1 | 18.2 |
| 6 10 | 18 27.11 | −25 47.7 | 1.518 | 2.507 | 6.8 | 17.9 |
| 6 20 | 18 16.57 | −25 31.5 | 1.492 | 2.506 | 2.2 | 17.6 |
| 6 30 | 18 5.50 | −25 10.0 | 1.493 | 2.504 | 3.0 | 17.7 |
| 7 10 | 17 55.28 | −24 44.1 | 1.519 | 2.502 | 7.6 | 17.9 |
| 7 20 | 17 47.00 | −24 16.4 | 1.571 | 2.500 | 11.9 | 18.2 |
| 7 30 | 17 41.48 | −23 49.5 | 1.643 | 2.498 | 15.5 | 18.4 |

**271667** 2004 $RO_{57}$ 6 24.1 321°.96 5°.9/24.6 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.82 | −10 36.5 | 1.388 | 2.258 | 16.8 | 20.3 |
| 5 31 | 18 30.20 | −10 17.7 | 1.305 | 2.238 | 13.3 | 20.0 |
| 6 10 | 18 23.94 | −10 12.4 | 1.241 | 2.218 | 9.5 | 19.7 |
| 6 20 | 18 15.72 | −10 23.0 | 1.199 | 2.199 | 6.4 | 19.5 |
| 6 30 | 18 6.63 | −10 50.4 | 1.181 | 2.180 | 6.6 | 19.5 |
| 7 10 | 17 58.03 | −11 33.0 | 1.186 | 2.163 | 10.1 | 19.6 |
| 7 20 | 17 51.15 | −12 28.0 | 1.212 | 2.146 | 14.3 | 19.8 |
| 7 30 | 17 46.99 | −13 31.5 | 1.259 | 2.130 | 18.3 | 20.0 |

**335496** 2005 $XK_{115}$ 6 24.1 344°.30 1°.4/24.1 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.18 | −26 50.7 | 1.593 | 2.467 | 14.8 | 20.5 |
| 5 31 | 18 33.13 | −26 53.1 | 1.522 | 2.464 | 11.1 | 20.3 |
| 6 10 | 18 25.50 | −26 52.6 | 1.472 | 2.461 | 6.8 | 20.0 |
| 6 20 | 18 16.12 | −26 47.1 | 1.446 | 2.459 | 2.4 | 19.7 |
| 6 30 | 18 6.18 | −26 35.5 | 1.445 | 2.457 | 3.2 | 19.8 |
| 7 10 | 17 57.04 | −26 18.3 | 1.470 | 2.455 | 7.7 | 20.0 |
| 7 20 | 17 49.79 | −25 57.4 | 1.519 | 2.453 | 11.9 | 20.3 |
| 7 30 | 17 45.24 | −25 35.4 | 1.589 | 2.452 | 15.6 | 20.5 |

**288318** 2004 $BF_{49}$ 6 24.1 263°.69 1°.0/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.82 | −26 5.5 | 1.736 | 2.599 | 14.3 | 21.7 |
| 5 31 | 18 35.93 | −26 7.1 | 1.640 | 2.577 | 10.8 | 21.4 |
| 6 10 | 18 27.33 | −26 6.6 | 1.567 | 2.555 | 6.7 | 21.1 |
| 6 20 | 18 16.71 | −26 1.5 | 1.519 | 2.532 | 2.2 | 20.8 |
| 6 30 | 18 5.23 | −25 50.2 | 1.497 | 2.508 | 3.1 | 20.8 |
| 7 10 | 17 54.24 | −25 33.0 | 1.502 | 2.484 | 7.8 | 21.0 |
| 7 20 | 17 45.00 | −25 11.7 | 1.531 | 2.459 | 12.3 | 21.2 |
| 7 30 | 17 38.46 | −24 49.1 | 1.582 | 2.434 | 16.2 | 21.4 |

**245551** 2005 $UU_{5}$ 6 24.1 247°.56 6°.7/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.84 | + 1 24.0 | 3.037 | 3.819 | 10.8 | 21.3 |
| 5 31 | 18 28.79 | + 1 52.3 | 2.940 | 3.798 | 9.3 | 21.2 |
| 6 10 | 18 22.44 | + 2 8.8 | 2.866 | 3.778 | 7.8 | 21.0 |
| 6 20 | 18 15.17 | + 2 11.3 | 2.817 | 3.756 | 6.8 | 20.9 |
| 6 30 | 18 7.53 | + 1 58.8 | 2.795 | 3.734 | 6.9 | 20.9 |
| 7 10 | 18 0.12 | + 1 31.6 | 2.799 | 3.712 | 8.0 | 20.9 |
| 7 20 | 17 53.49 | + 0 50.9 | 2.829 | 3.689 | 9.6 | 21.0 |
| 7 30 | 17 48.14 | − 0 0.8 | 2.882 | 3.665 | 11.4 | 21.1 |

**234858** 2002 $RK_{238}$ 6 24.1 37°.26 7°.3/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.88 | −40 16.2 | 1.663 | 2.513 | 15.4 | 19.4 |
| 5 31 | 18 36.09 | −41 3.6 | 1.606 | 2.522 | 12.4 | 19.2 |
| 6 10 | 18 27.35 | −41 37.8 | 1.570 | 2.531 | 9.5 | 19.0 |
| 6 20 | 18 16.66 | −41 52.9 | 1.557 | 2.540 | 7.5 | 18.9 |
| 6 30 | 18 5.49 | −41 45.7 | 1.569 | 2.550 | 7.7 | 19.0 |
| 7 10 | 17 55.40 | −41 17.1 | 1.605 | 2.560 | 9.9 | 19.1 |
| 7 20 | 17 47.63 | −40 31.8 | 1.664 | 2.570 | 12.8 | 19.3 |
| 7 30 | 17 42.97 | −39 35.9 | 1.744 | 2.581 | 15.6 | 19.5 |

**122799** 2000 $SZ_{95}$ 6 24.1 256°.50 1°.3/24.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.50 | −20 32.6 | 1.914 | 2.775 | 13.3 | 20.6 |
| 5 31 | 18 33.03 | −20 21.2 | 1.825 | 2.761 | 10.0 | 20.4 |
| 6 10 | 18 25.34 | −20 11.7 | 1.759 | 2.747 | 6.2 | 20.1 |
| 6 20 | 18 16.09 | −20 3.5 | 1.719 | 2.732 | 2.2 | 19.8 |
| 6 30 | 18 6.23 | −19 56.4 | 1.706 | 2.717 | 2.9 | 19.8 |
| 7 10 | 17 56.87 | −19 50.5 | 1.720 | 2.701 | 7.0 | 20.1 |
| 7 20 | 17 48.98 | −19 46.5 | 1.759 | 2.686 | 11.0 | 20.3 |
| 7 30 | 17 43.35 | −19 45.1 | 1.820 | 2.670 | 14.5 | 20.4 |

**360332** 2001 $TE_{194}$ 6 24.1 325°.19 4°.1/23.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.86 | −18 55.5 | 1.011 | 1.913 | 19.1 | 19.7 |
| 5 31 | 18 31.10 | −18 0.9 | 0.935 | 1.890 | 14.7 | 19.4 |
| 6 10 | 18 24.91 | −17 7.4 | 0.876 | 1.868 | 9.5 | 19.0 |
| 6 20 | 18 16.11 | −16 18.0 | 0.837 | 1.848 | 4.8 | 18.7 |
| 6 30 | 18 6.18 | −15 36.1 | 0.819 | 1.828 | 5.8 | 18.6 |
| 7 10 | 17 56.98 | −15 5.2 | 0.822 | 1.810 | 11.3 | 18.9 |
| 7 20 | 17 50.16 | −14 47.4 | 0.844 | 1.793 | 17.0 | 19.1 |
| 7 30 | 17 46.95 | −14 43.0 | 0.882 | 1.777 | 22.0 | 19.3 |

**478224** 2011 $UV_{314}$ 6 24.1 135°.19 4°.8/24.1 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.62 | − 9 36.6 | 2.355 | 3.192 | 11.9 | 21.6 |
| 5 31 | 18 29.56 | − 8 57.0 | 2.284 | 3.196 | 9.4 | 21.4 |
| 6 10 | 18 22.94 | − 8 25.3 | 2.236 | 3.200 | 6.9 | 21.3 |
| 6 20 | 18 15.34 | − 8 3.2 | 2.214 | 3.203 | 5.1 | 21.2 |
| 6 30 | 18 7.45 | − 7 51.9 | 2.220 | 3.206 | 5.3 | 21.2 |
| 7 10 | 18 0.04 | − 7 51.4 | 2.252 | 3.210 | 7.3 | 21.3 |
| 7 20 | 17 53.75 | − 8 1.0 | 2.310 | 3.213 | 9.8 | 21.5 |
| 7 30 | 17 49.13 | − 8 19.3 | 2.390 | 3.216 | 12.2 | 21.7 |

**34018** 2000 $OK_{19}$ 6 24.1 291°.76 9°.3/23.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.81 | −44 24.6 | 1.701 | 2.536 | 15.8 | 18.0 |
| 5 31 | 18 38.79 | −45 28.7 | 1.627 | 2.526 | 13.3 | 17.8 |
| 6 10 | 18 29.33 | −46 18.1 | 1.574 | 2.516 | 10.9 | 17.7 |
| 6 20 | 18 17.37 | −46 45.1 | 1.543 | 2.506 | 9.4 | 17.6 |
| 6 30 | 18 4.48 | −46 44.0 | 1.536 | 2.497 | 9.7 | 17.6 |
| 7 10 | 17 52.54 | −46 14.7 | 1.552 | 2.487 | 11.6 | 17.6 |
| 7 20 | 17 43.11 | −45 22.0 | 1.590 | 2.478 | 14.3 | 17.8 |
| 7 30 | 17 37.24 | −44 13.3 | 1.648 | 2.469 | 17.1 | 18.0 |

**248061** 2004 $MD_{4}$ 6 24.1 268°.39 0°.3/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.69 | −27 3.8 | 2.466 | 3.316 | 11.0 | 19.5 |
| 5 31 | 18 33.40 | −26 21.3 | 2.371 | 3.301 | 8.3 | 19.2 |
| 6 10 | 18 25.32 | −25 33.4 | 2.300 | 3.286 | 5.1 | 19.0 |
| 6 20 | 18 16.05 | −24 40.0 | 2.257 | 3.271 | 1.5 | 18.7 |
| 6 30 | 18 6.43 | −23 42.3 | 2.244 | 3.255 | 2.2 | 18.8 |
| 7 10 | 17 57.34 | −22 42.2 | 2.260 | 3.240 | 5.7 | 19.0 |
| 7 20 | 17 49.55 | −21 42.6 | 2.303 | 3.224 | 9.1 | 19.2 |
| 7 30 | 17 43.66 | −20 46.2 | 2.372 | 3.208 | 12.0 | 19.3 |

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| **80387** 1999 $XG_{168}$ | | | 6 24.1 267.°95 | | 1.°4/24.0 18 | |
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 41.52 | −26 14.3 | 1.717 | 2.582 | 14.4 | 19.8 |
| 5 31 | 18 35.81 | −26 29.3 | 1.621 | 2.559 | 10.9 | 19.6 |
| 6 10 | 18 27.33 | −26 43.3 | 1.547 | 2.535 | 6.8 | 19.3 |
| 6 20 | 18 16.77 | −26 53.2 | 1.498 | 2.511 | 2.4 | 18.9 |
| 6 30 | 18 5.27 | −26 56.7 | 1.476 | 2.486 | 3.3 | 18.9 |
| 7 10 | 17 54.22 | −26 53.0 | 1.480 | 2.461 | 7.9 | 19.2 |
| 7 20 | 17 44.90 | −26 43.4 | 1.508 | 2.436 | 12.4 | 19.4 |
| 7 30 | 17 38.32 | −26 30.5 | 1.557 | 2.410 | 16.4 | 19.6 |
| **446743** 2015 $PS_{1}$ | | | 6 24.1 322.°32 | | 4.°6/24.4 18 | |
| 5 21 | 18 38.76 | −36 2.9 | 1.854 | 2.711 | 13.8 | 20.6 |
| 5 31 | 18 33.55 | −36 8.1 | 1.768 | 2.695 | 10.8 | 20.4 |
| 6 10 | 18 25.78 | −36 3.0 | 1.704 | 2.679 | 7.6 | 20.1 |
| 6 20 | 18 16.25 | −35 44.0 | 1.665 | 2.664 | 5.0 | 20.0 |
| 6 30 | 18 6.12 | −35 9.5 | 1.651 | 2.650 | 5.2 | 19.9 |
| 7 10 | 17 56.72 | −34 20.8 | 1.663 | 2.636 | 8.1 | 20.1 |
| 7 20 | 17 49.17 | −33 21.5 | 1.700 | 2.622 | 11.6 | 20.3 |
| 7 30 | 17 44.26 | −32 16.9 | 1.758 | 2.609 | 14.8 | 20.4 |
| **165456** 2000 $YL_{125}$ | | | 6 24.1 42.°45 | | 8.°4/24.2 18 | |
| 5 21 | 18 43.73 | −42 45.2 | 1.609 | 2.453 | 16.2 | 18.7 |
| 5 31 | 18 37.66 | −43 37.9 | 1.555 | 2.463 | 13.2 | 18.5 |
| 6 10 | 18 28.39 | −44 14.8 | 1.521 | 2.473 | 10.5 | 18.3 |
| 6 20 | 18 17.01 | −44 29.4 | 1.509 | 2.483 | 8.6 | 18.3 |
| 6 30 | 18 5.13 | −44 18.0 | 1.522 | 2.494 | 8.8 | 18.3 |
| 7 10 | 17 54.48 | −43 42.1 | 1.559 | 2.505 | 10.8 | 18.4 |
| 7 20 | 17 46.38 | −42 47.2 | 1.617 | 2.516 | 13.5 | 18.6 |
| 7 30 | 17 41.64 | −41 40.4 | 1.696 | 2.528 | 16.2 | 18.8 |
| **158957** 2004 $RN_{167}$ | | | 6 24.1 75.°61 | | 4.°9/23.7 18 | |
| 5 21 | 18 42.02 | −33 37.4 | 1.670 | 2.531 | 14.9 | 19.7 |
| 5 31 | 18 36.02 | −34 29.6 | 1.612 | 2.542 | 11.5 | 19.5 |
| 6 10 | 18 27.26 | −35 14.8 | 1.576 | 2.553 | 7.9 | 19.3 |
| 6 20 | 18 16.67 | −35 47.5 | 1.564 | 2.564 | 5.2 | 19.1 |
| 6 30 | 18 5.57 | −36 4.1 | 1.578 | 2.575 | 5.7 | 19.2 |
| 7 10 | 17 55.40 | −36 4.3 | 1.618 | 2.586 | 8.7 | 19.4 |
| 7 20 | 17 47.32 | −35 50.8 | 1.681 | 2.597 | 12.1 | 19.6 |
| 7 30 | 17 42.16 | −35 27.8 | 1.766 | 2.609 | 15.2 | 19.9 |
| **4744** Rovereto | | | 6 24.1 75.°85 | | 5.°6/24.2 18 | R |
| 5 21 | 18 43.34 | −37 52.7 | 1.864 | 2.710 | 14.2 | 16.2 |
| 5 31 | 18 36.66 | −38 26.0 | 1.812 | 2.730 | 11.1 | 16.1 |
| 6 10 | 18 27.46 | −38 48.1 | 1.782 | 2.749 | 8.1 | 15.9 |
| 6 20 | 18 16.68 | −38 54.7 | 1.777 | 2.768 | 5.9 | 15.8 |
| 6 30 | 18 5.63 | −38 43.7 | 1.799 | 2.787 | 6.1 | 15.9 |
| 7 10 | 17 55.62 | −38 16.3 | 1.846 | 2.806 | 8.4 | 16.1 |
| 7 20 | 17 47.70 | −37 36.4 | 1.917 | 2.825 | 11.3 | 16.3 |
| 7 30 | 17 42.53 | −36 49.1 | 2.010 | 2.843 | 13.9 | 16.5 |
| **504523** 2008 $RX_{68}$ | | | 6 24.1 202.°15 | | 6.°9/23.8 18 | |
| 5 21 | 18 45.13 | −42 38.0 | 2.204 | 3.027 | 13.1 | 21.7 |
| 5 31 | 18 38.12 | −43 22.1 | 2.128 | 3.024 | 10.7 | 21.5 |
| 6 10 | 18 28.49 | −43 54.2 | 2.075 | 3.021 | 8.5 | 21.4 |
| 6 20 | 18 17.05 | −44 8.9 | 2.046 | 3.016 | 7.0 | 21.3 |
| 6 30 | 18 5.04 | −44 3.0 | 2.044 | 3.012 | 7.2 | 21.3 |
| 7 10 | 17 53.80 | −43 36.8 | 2.068 | 3.007 | 9.0 | 21.4 |
| 7 20 | 17 44.48 | −42 53.7 | 2.117 | 3.001 | 11.4 | 21.5 |
| 7 30 | 17 37.90 | −41 59.0 | 2.187 | 2.996 | 13.8 | 21.7 |
| **153730** 2001 $UJ_{125}$ | | | 6 24.1 264.°43 | | 3.°7/24.7 18 | |
| 5 21 | 18 37.80 | −12 36.3 | 1.699 | 2.555 | 14.9 | 20.0 |
| 5 31 | 18 32.67 | −12 50.1 | 1.621 | 2.549 | 11.5 | 19.8 |
| 6 10 | 18 25.21 | −13 15.5 | 1.564 | 2.543 | 7.7 | 19.5 |
| 6 20 | 18 16.11 | −13 52.1 | 1.532 | 2.537 | 4.3 | 19.3 |
| 6 30 | 18 6.37 | −14 38.3 | 1.526 | 2.531 | 4.4 | 19.3 |
| 7 10 | 17 57.15 | −15 31.6 | 1.546 | 2.525 | 8.0 | 19.5 |
| 7 20 | 17 49.50 | −16 29.1 | 1.591 | 2.519 | 11.9 | 19.7 |
| 7 30 | 17 44.22 | −17 28.4 | 1.658 | 2.513 | 15.4 | 19.9 |
| **168115** 2006 $FQ_{9}$ | | | 6 24.1 46.°45 | | 6.°0/24.7 18 | |
| 5 21 | 18 35.85 | − 9 11.2 | 1.620 | 2.475 | 15.6 | 19.6 |
| 5 31 | 18 31.01 | − 8 43.2 | 1.563 | 2.485 | 12.3 | 19.4 |
| 6 10 | 18 24.05 | − 8 28.1 | 1.527 | 2.496 | 8.9 | 19.2 |
| 6 20 | 18 15.71 | − 8 27.4 | 1.514 | 2.507 | 6.3 | 19.1 |
| 6 30 | 18 7.02 | − 8 41.7 | 1.526 | 2.519 | 6.4 | 19.1 |
| 7 10 | 17 59.08 | − 9 9.6 | 1.563 | 2.531 | 9.0 | 19.3 |
| 7 20 | 17 52.76 | − 9 48.5 | 1.624 | 2.543 | 12.2 | 19.5 |
| 7 30 | 17 48.73 | −10 35.4 | 1.705 | 2.555 | 15.3 | 19.7 |
| **478897** 2012 $WJ_{20}$ | | | 6 24.1 286.°27 | | 2.°8/23.8 18 | |
| 5 21 | 18 38.84 | −29 15.0 | 1.871 | 2.734 | 13.4 | 21.4 |
| 5 31 | 18 33.63 | −29 48.3 | 1.780 | 2.716 | 10.2 | 21.2 |
| 6 10 | 18 25.91 | −30 19.3 | 1.712 | 2.697 | 6.6 | 20.9 |
| 6 20 | 18 16.35 | −30 44.4 | 1.670 | 2.679 | 3.3 | 20.7 |
| 6 30 | 18 6.00 | −31 0.3 | 1.653 | 2.660 | 3.9 | 20.7 |
| 7 10 | 17 56.12 | −31 6.1 | 1.664 | 2.641 | 7.6 | 20.9 |
| 7 20 | 17 47.86 | −31 2.5 | 1.698 | 2.622 | 11.5 | 21.0 |
| 7 30 | 17 42.11 | −30 52.2 | 1.755 | 2.604 | 15.0 | 21.2 |

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| **65492** 2104 $P\text{–}L$ | | | 6 24.1 328.°30 | | 14.°6/21.6 18 | |
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 32.03 | +12 46.8 | 1.920 | 2.671 | 17.2 | 18.6 |
| 5 31 | 18 28.17 | +14 36.5 | 1.851 | 2.655 | 16.0 | 18.4 |
| 6 10 | 18 22.39 | +16 3.7 | 1.801 | 2.639 | 15.1 | 18.3 |
| 6 20 | 18 15.27 | +17 1.9 | 1.769 | 2.624 | 14.6 | 18.3 |
| 6 30 | 18 7.61 | +17 26.2 | 1.757 | 2.610 | 14.9 | 18.2 |
| 7 10 | 18 0.36 | +17 15.6 | 1.765 | 2.596 | 15.7 | 18.3 |
| 7 20 | 17 54.37 | +16 32.4 | 1.790 | 2.582 | 17.0 | 18.3 |
| 7 30 | 17 50.33 | +15 21.7 | 1.831 | 2.570 | 18.5 | 18.4 |
| **169047** 2001 $FK_{59}$ | | | 6 24.1 142.°67 | | 1.°5/24.0 18 | |
| 5 21 | 18 42.95 | −26 23.7 | 1.813 | 2.672 | 14.0 | 20.4 |
| 5 31 | 18 36.32 | −26 43.5 | 1.748 | 2.682 | 10.4 | 20.2 |
| 6 10 | 18 27.30 | −27 1.5 | 1.705 | 2.692 | 6.4 | 20.0 |
| 6 20 | 18 16.69 | −27 14.8 | 1.689 | 2.701 | 2.3 | 19.8 |
| 6 30 | 18 5.66 | −27 21.5 | 1.699 | 2.709 | 3.0 | 19.8 |
| 7 10 | 17 55.43 | −27 21.4 | 1.737 | 2.717 | 7.1 | 20.1 |
| 7 20 | 17 47.04 | −27 15.8 | 1.800 | 2.724 | 10.9 | 20.3 |
| 7 30 | 17 41.20 | −27 7.0 | 1.885 | 2.731 | 14.2 | 20.6 |
| **440943** 2006 $YE_{53}$ | | | 6 24.1 264.°40 | | 8.°5/25.1 18 | |
| 5 21 | 18 48.37 | −51 16.0 | 2.429 | 3.212 | 13.2 | 21.0 |
| 5 31 | 18 40.46 | −51 37.9 | 2.351 | 3.206 | 11.4 | 20.9 |
| 6 10 | 18 29.80 | −51 42.2 | 2.294 | 3.199 | 9.7 | 20.8 |
| 6 20 | 18 17.42 | −51 23.7 | 2.261 | 3.192 | 8.7 | 20.7 |
| 6 30 | 18 4.68 | −50 40.1 | 2.253 | 3.185 | 8.7 | 20.7 |
| 7 10 | 17 53.05 | −49 32.9 | 2.271 | 3.179 | 9.8 | 20.7 |
| 7 20 | 17 43.65 | −48 7.0 | 2.313 | 3.172 | 11.5 | 20.8 |
| 7 30 | 17 37.21 | −46 29.1 | 2.377 | 3.165 | 13.4 | 21.0 |
| **239655** 2008 $WQ_{107}$ | | | 6 24.1 97.°67 | | 1.°0/24.2 17 | |
| 5 21 | 18 37.97 | −19 51.8 | 1.988 | 2.847 | 12.9 | 21.2 |
| 5 31 | 18 32.35 | −20 0.9 | 1.924 | 2.859 | 9.6 | 21.0 |
| 6 10 | 18 24.77 | −20 13.3 | 1.885 | 2.872 | 5.9 | 20.8 |
| 6 20 | 18 15.94 | −20 27.9 | 1.871 | 2.884 | 2.0 | 20.6 |
| 6 30 | 18 6.77 | −20 43.4 | 1.885 | 2.896 | 2.6 | 20.7 |
| 7 10 | 17 58.26 | −20 59.0 | 1.926 | 2.908 | 6.4 | 20.9 |
| 7 20 | 17 51.23 | −21 14.4 | 1.992 | 2.919 | 9.9 | 21.2 |
| 7 30 | 17 46.31 | −21 29.7 | 2.081 | 2.931 | 12.9 | 21.4 |
| **480594** 2015 $MG_{86}$ | | | 6 24.1 248.°26 | | 2.°6/24.0 18 | |
| 5 21 | 18 35.57 | −16 54.4 | 2.272 | 3.125 | 11.7 | 21.4 |
| 5 31 | 18 30.43 | −16 24.4 | 2.191 | 3.121 | 8.9 | 21.2 |
| 6 10 | 18 23.57 | −15 57.6 | 2.134 | 3.116 | 5.8 | 21.0 |
| 6 20 | 18 15.59 | −15 34.7 | 2.104 | 3.111 | 3.0 | 20.8 |
| 6 30 | 18 7.24 | −15 16.6 | 2.101 | 3.106 | 3.4 | 20.8 |
| 7 10 | 17 59.38 | −15 3.8 | 2.126 | 3.101 | 6.4 | 21.0 |
| 7 20 | 17 52.72 | −14 56.6 | 2.176 | 3.096 | 9.5 | 21.2 |
| 7 30 | 17 47.86 | −14 55.0 | 2.250 | 3.091 | 12.4 | 21.4 |
| **837** Schwarzschilda | | | 6 24.1 264.°33 | | 5.°0/24.1 18 | |
| 5 21 | 18 38.62 | −13 29.8 | 1.460 | 2.326 | 16.4 | 15.8 |
| 5 31 | 18 33.51 | −12 51.4 | 1.388 | 2.321 | 12.7 | 15.6 |
| 6 10 | 18 25.82 | −12 21.5 | 1.337 | 2.317 | 8.7 | 15.3 |
| 6 20 | 18 16.33 | −12 2.0 | 1.309 | 2.312 | 5.4 | 15.1 |
| 6 30 | 18 6.23 | −11 54.5 | 1.306 | 2.307 | 5.8 | 15.2 |
| 7 10 | 17 56.84 | −11 59.2 | 1.328 | 2.303 | 9.4 | 15.4 |
| 7 20 | 17 49.31 | −12 15.1 | 1.372 | 2.298 | 13.5 | 15.6 |
| 7 30 | 17 44.46 | −12 40.4 | 1.436 | 2.293 | 17.2 | 15.8 |
| **357525** 2004 $RO_{140}$ | | | 6 24.1 347.°97 | | 1.°4/24.1 18 | |
| 5 21 | 18 36.33 | −27 42.6 | 2.044 | 2.908 | 12.4 | 20.5 |
| 5 31 | 18 31.29 | −27 41.8 | 1.968 | 2.905 | 9.3 | 20.3 |
| 6 10 | 18 24.22 | −27 37.8 | 1.915 | 2.902 | 5.7 | 20.1 |
| 6 20 | 18 15.81 | −27 29.0 | 1.888 | 2.900 | 2.2 | 19.8 |
| 6 30 | 18 6.99 | −27 14.5 | 1.888 | 2.898 | 2.7 | 19.9 |
| 7 10 | 17 58.79 | −26 55.1 | 1.915 | 2.897 | 6.4 | 20.1 |
| 7 20 | 17 52.06 | −26 32.3 | 1.967 | 2.895 | 9.9 | 20.3 |
| 7 30 | 17 47.48 | −26 8.2 | 2.042 | 2.894 | 13.0 | 20.5 |
| **436654** 2011 $RR_{12}$ | | | 6 24.1 291.°68 | | 10.°2/22.9 15 | |
| 5 21 | 18 41.31 | −10 40.2 | 0.950 | 1.833 | 21.6 | 21.6 |
| 5 31 | 18 37.54 | − 9 12.8 | 0.854 | 1.793 | 17.8 | 21.2 |
| 6 10 | 18 29.58 | − 7 50.2 | 0.773 | 1.751 | 13.5 | 20.7 |
| 6 20 | 18 17.83 | − 6 40.0 | 0.712 | 1.708 | 10.4 | 20.4 |
| 6 30 | 18 3.61 | − 5 51.3 | 0.670 | 1.665 | 11.5 | 20.2 |
| 7 10 | 17 49.06 | − 5 31.1 | 0.648 | 1.620 | 16.6 | 20.3 |
| 7 20 | 17 36.54 | − 5 42.7 | 0.642 | 1.575 | 23.1 | 20.4 |
| 7 30 | 17 28.08 | − 6 24.1 | 0.650 | 1.530 | 29.4 | 20.6 |
| **245588** 2005 $UM_{399}$ | | | 6 24.1 337.°32 | | 4.°2/23.1 18 | |
| 5 21 | 18 37.39 | −30 48.7 | 1.841 | 2.706 | 13.5 | 19.6 |
| 5 31 | 18 32.63 | −32 2.2 | 1.763 | 2.697 | 10.3 | 19.3 |
| 6 10 | 18 25.36 | −33 14.3 | 1.708 | 2.689 | 7.0 | 19.1 |
| 6 20 | 18 16.23 | −34 19.4 | 1.678 | 2.681 | 4.5 | 19.0 |
| 6 30 | 18 6.32 | −35 12.7 | 1.675 | 2.674 | 5.2 | 19.0 |
| 7 10 | 17 56.89 | −35 51.3 | 1.698 | 2.667 | 8.3 | 19.2 |
| 7 20 | 17 49.11 | −36 15.4 | 1.745 | 2.661 | 11.7 | 19.3 |
| 7 30 | 17 43.90 | −36 27.2 | 1.813 | 2.655 | 14.8 | 19.5 |

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| **183125** 2002 $RC_{182}$ | | | 6 24.1 262°.31 | | 5°.5/23.8 18 | |
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.32 | −11 40.4 | 1.830 | 2.677 | 14.4 | 20.4 |
| 5 31 | 18 33.77 | −10 50.2 | 1.735 | 2.655 | 11.4 | 20.1 |
| 6 10 | 18 25.92 | −10 6.5 | 1.661 | 2.632 | 8.2 | 19.9 |
| 6 20 | 18 16.39 | − 9 31.8 | 1.613 | 2.608 | 5.7 | 19.7 |
| 6 30 | 18 6.13 | − 9 8.6 | 1.591 | 2.584 | 6.2 | 19.6 |
| 7 10 | 17 56.26 | − 8 58.2 | 1.595 | 2.559 | 9.2 | 19.8 |
| 7 20 | 17 47.81 | − 9 0.6 | 1.624 | 2.534 | 12.8 | 19.9 |
| 7 30 | 17 41.63 | − 9 14.8 | 1.673 | 2.508 | 16.2 | 20.1 |
| **479942** 2014 $HL_{153}$ | | | 6 24.1 353°.78 | | 4°.6/24.1 16 | |
| 5 21 | 18 34.33 | −11 56.9 | 2.008 | 2.860 | 13.1 | 21.4 |
| 5 31 | 18 29.67 | −11 20.4 | 1.935 | 2.859 | 10.2 | 21.2 |
| 6 10 | 18 23.19 | −10 51.6 | 1.885 | 2.858 | 7.2 | 21.0 |
| 6 20 | 18 15.51 | −10 32.0 | 1.860 | 2.857 | 4.9 | 20.8 |
| 6 30 | 18 7.46 | −10 22.7 | 1.861 | 2.856 | 5.1 | 20.9 |
| 7 10 | 17 59.94 | −10 23.9 | 1.888 | 2.856 | 7.7 | 21.0 |
| 7 20 | 17 53.72 | −10 34.8 | 1.939 | 2.855 | 10.7 | 21.2 |
| 7 30 | 17 49.41 | −10 54.2 | 2.013 | 2.855 | 13.6 | 21.4 |
| **180415** 2004 $BZ_{46}$ | | | 6 24.1 139°.56 | | 0°.6/24.1 17 | |
| 5 21 | 18 41.51 | −25 38.2 | 1.604 | 2.472 | 15.0 | 20.0 |
| 5 31 | 18 35.51 | −25 27.4 | 1.536 | 2.475 | 11.2 | 19.8 |
| 6 10 | 18 26.93 | −25 14.0 | 1.489 | 2.478 | 6.8 | 19.5 |
| 6 20 | 18 16.64 | −24 56.4 | 1.468 | 2.482 | 2.1 | 19.3 |
| 6 30 | 18 5.90 | −24 34.3 | 1.472 | 2.484 | 2.9 | 19.3 |
| 7 10 | 17 56.03 | −24 8.9 | 1.503 | 2.487 | 7.6 | 19.6 |
| 7 20 | 17 48.14 | −23 42.4 | 1.558 | 2.490 | 11.8 | 19.9 |
| 7 30 | 17 42.99 | −23 17.4 | 1.635 | 2.492 | 15.5 | 20.1 |
| **18529** 1996 $WK_3$ | | | 6 24.1 140°.06 | | 1°.7/24.2 17 | |
| 5 21 | 18 41.68 | −19 37.1 | 1.757 | 2.616 | 14.3 | 18.9 |
| 5 31 | 18 35.30 | −19 22.6 | 1.692 | 2.626 | 10.7 | 18.7 |
| 6 10 | 18 26.65 | −19 10.9 | 1.649 | 2.636 | 6.6 | 18.5 |
| 6 20 | 18 16.54 | −19 1.5 | 1.633 | 2.645 | 2.6 | 18.3 |
| 6 30 | 18 6.05 | −18 54.4 | 1.643 | 2.653 | 3.2 | 18.3 |
| 7 10 | 17 56.37 | −18 49.8 | 1.680 | 2.661 | 7.3 | 18.6 |
| 7 20 | 17 48.43 | −18 48.0 | 1.743 | 2.668 | 11.2 | 18.8 |
| 7 30 | 17 42.94 | −18 49.6 | 1.827 | 2.675 | 14.5 | 19.1 |
| **3952** Russellmark | | | 6 24.1 162°.88 | | 0°.3/24.1 18 | R |
| 5 21 | 18 41.96 | −24 10.9 | 1.869 | 2.727 | 13.6 | 18.3 |
| 5 31 | 18 35.54 | −24 13.6 | 1.797 | 2.732 | 10.2 | 18.1 |
| 6 10 | 18 26.83 | −24 15.8 | 1.749 | 2.737 | 6.2 | 17.9 |
| 6 20 | 18 16.61 | −24 15.7 | 1.727 | 2.741 | 1.9 | 17.6 |
| 6 30 | 18 5.95 | −24 12.2 | 1.733 | 2.745 | 2.6 | 17.7 |
| 7 10 | 17 56.02 | −24 5.5 | 1.766 | 2.748 | 6.9 | 17.9 |
| 7 20 | 17 47.80 | −23 56.6 | 1.824 | 2.750 | 10.7 | 18.2 |
| 7 30 | 17 42.01 | −23 47.4 | 1.905 | 2.752 | 14.0 | 18.4 |
| **146126** 2000 $RL_{80}$ | | | 6 24.1 280°.62 | | 0°.7/24.1 18 | |
| 5 21 | 18 37.01 | −25 47.7 | 2.146 | 3.006 | 12.0 | 20.1 |
| 5 31 | 18 31.76 | −25 42.4 | 2.061 | 2.997 | 9.0 | 19.9 |
| 6 10 | 18 24.52 | −25 35.1 | 2.000 | 2.988 | 5.5 | 19.6 |
| 6 20 | 18 15.94 | −25 24.5 | 1.965 | 2.978 | 1.8 | 19.4 |
| 6 30 | 18 6.90 | −25 10.1 | 1.957 | 2.969 | 2.4 | 19.4 |
| 7 10 | 17 58.39 | −24 52.3 | 1.977 | 2.959 | 6.2 | 19.6 |
| 7 20 | 17 51.25 | −24 32.6 | 2.023 | 2.950 | 9.8 | 19.8 |
| 7 30 | 17 46.17 | −24 12.6 | 2.091 | 2.941 | 12.9 | 20.0 |
| **216856** 2007 $YU_{61}$ | | | 6 24.1 19°.02 | | 4°.1/24.9 16 | |
| 5 21 | 18 34.31 | −11 14.8 | 1.735 | 2.593 | 14.5 | 20.0 |
| 5 31 | 18 29.90 | −11 26.0 | 1.670 | 2.598 | 11.2 | 19.8 |
| 6 10 | 18 23.45 | −11 49.2 | 1.627 | 2.604 | 7.7 | 19.6 |
| 6 20 | 18 15.62 | −12 24.3 | 1.609 | 2.611 | 4.7 | 19.4 |
| 6 30 | 18 7.37 | −13 9.8 | 1.616 | 2.619 | 4.7 | 19.4 |
| 7 10 | 17 59.73 | −14 3.2 | 1.649 | 2.627 | 7.7 | 19.6 |
| 7 20 | 17 53.58 | −15 1.3 | 1.706 | 2.635 | 11.2 | 19.9 |
| 7 30 | 17 49.60 | −16 1.6 | 1.786 | 2.644 | 14.3 | 20.1 |
| **94231** 2001 $BQ_{65}$ | | | 6 24.1 140°.87 | | 1°.0/24.2 18 | |
| 5 21 | 18 37.13 | −27 33.7 | 2.621 | 3.473 | 10.4 | 19.6 |
| 5 31 | 18 31.40 | −27 24.8 | 2.547 | 3.478 | 7.7 | 19.4 |
| 6 10 | 18 24.08 | −27 12.7 | 2.498 | 3.484 | 4.8 | 19.2 |
| 6 20 | 18 15.76 | −26 56.5 | 2.476 | 3.489 | 1.7 | 19.0 |
| 6 30 | 18 7.20 | −26 36.0 | 2.483 | 3.494 | 2.2 | 19.0 |
| 7 10 | 17 59.18 | −26 12.0 | 2.519 | 3.499 | 5.2 | 19.3 |
| 7 20 | 17 52.37 | −25 45.8 | 2.582 | 3.503 | 8.2 | 19.5 |
| 7 30 | 17 47.28 | −25 19.1 | 2.668 | 3.508 | 10.7 | 19.6 |
| **35027** 1981 $ET_{18}$ | | | 6 24.1 140°.75 | | 1°.9/24.1 18 | |
| 5 21 | 18 41.36 | −28 35.7 | 2.111 | 2.964 | 12.5 | 20.2 |
| 5 31 | 18 34.90 | −28 50.3 | 2.044 | 2.974 | 9.3 | 20.0 |
| 6 10 | 18 26.35 | −29 1.4 | 2.000 | 2.984 | 5.8 | 19.8 |
| 6 20 | 18 16.46 | −29 6.5 | 1.983 | 2.993 | 2.5 | 19.6 |
| 6 30 | 18 6.22 | −29 4.2 | 1.994 | 3.002 | 3.0 | 19.7 |
| 7 10 | 17 56.69 | −28 54.7 | 2.032 | 3.010 | 6.4 | 19.9 |
| 7 20 | 17 48.75 | −28 39.6 | 2.097 | 3.018 | 9.8 | 20.1 |
| 7 30 | 17 43.05 | −28 21.2 | 2.185 | 3.025 | 12.7 | 20.4 |

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| **337131** 1999 $TC_{121}$ | | | 6 24.1 303°.08 | | 8°.1/23.1 18 | |
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 42.15 | −40 42.4 | 1.693 | 2.541 | 15.3 | 19.8 |
| 5 31 | 18 36.79 | −41 51.6 | 1.614 | 2.527 | 12.6 | 19.6 |
| 6 10 | 18 28.18 | −42 50.2 | 1.556 | 2.512 | 9.9 | 19.4 |
| 6 20 | 18 17.15 | −43 30.7 | 1.521 | 2.498 | 8.2 | 19.3 |
| 6 30 | 18 5.11 | −43 47.2 | 1.511 | 2.484 | 8.7 | 19.3 |
| 7 10 | 17 53.78 | −43 38.5 | 1.524 | 2.470 | 11.0 | 19.4 |
| 7 20 | 17 44.67 | −43 7.8 | 1.560 | 2.457 | 14.0 | 19.5 |
| 7 30 | 17 38.90 | −42 21.3 | 1.615 | 2.444 | 17.0 | 19.7 |
| **279458** 2010 $RT_{114}$ | | | 6 24.1 226°.23 | | 3°.3/24.2 18 | |
| 5 21 | 18 34.37 | −13 27.4 | 2.552 | 3.395 | 10.9 | 21.1 |
| 5 31 | 18 29.39 | −13 0.9 | 2.469 | 3.390 | 8.4 | 20.9 |
| 6 10 | 18 22.91 | −12 39.7 | 2.411 | 3.385 | 5.7 | 20.7 |
| 6 20 | 18 15.44 | −12 24.5 | 2.380 | 3.380 | 3.6 | 20.6 |
| 6 30 | 18 7.65 | −12 16.0 | 2.376 | 3.375 | 3.9 | 20.6 |
| 7 10 | 18 0.25 | −12 14.4 | 2.400 | 3.369 | 6.2 | 20.7 |
| 7 20 | 17 53.88 | −12 19.4 | 2.451 | 3.364 | 8.9 | 20.9 |
| 7 30 | 17 49.08 | −12 30.3 | 2.525 | 3.358 | 11.4 | 21.0 |
| **129589** 1997 $UD$ | | | 6 24.1 227°.49 | | 4°.4/24.2 18 | |
| 5 21 | 18 39.67 | −14 31.2 | 1.487 | 2.351 | 16.2 | 19.7 |
| 5 31 | 18 34.29 | −13 57.3 | 1.414 | 2.348 | 12.5 | 19.4 |
| 6 10 | 18 26.31 | −13 30.9 | 1.363 | 2.344 | 8.4 | 19.2 |
| 6 20 | 18 16.53 | −13 13.6 | 1.335 | 2.340 | 4.9 | 19.0 |
| 6 30 | 18 6.14 | −13 6.4 | 1.332 | 2.335 | 5.4 | 19.0 |
| 7 10 | 17 56.48 | −13 9.7 | 1.354 | 2.331 | 9.1 | 19.2 |
| 7 20 | 17 48.67 | −13 22.7 | 1.400 | 2.326 | 13.3 | 19.4 |
| 7 30 | 17 43.56 | −13 44.0 | 1.465 | 2.321 | 17.0 | 19.7 |
| **252859** 2002 $GZ_{178}$ | | | 6 24.1 344°.80 | | 7°.5/24.1 17 | |
| 5 21 | 18 34.70 | −10 36.7 | 1.164 | 2.044 | 18.7 | 19.9 |
| 5 31 | 18 31.09 | − 9 38.2 | 1.099 | 2.037 | 14.9 | 19.7 |
| 6 10 | 18 24.59 | − 8 52.3 | 1.053 | 2.030 | 10.9 | 19.4 |
| 6 20 | 18 16.06 | − 8 23.7 | 1.028 | 2.025 | 7.9 | 19.2 |
| 6 30 | 18 6.83 | − 8 15.3 | 1.025 | 2.020 | 8.2 | 19.3 |
| 7 10 | 17 58.40 | − 8 27.6 | 1.043 | 2.016 | 11.6 | 19.4 |
| 7 20 | 17 52.06 | − 8 58.1 | 1.081 | 2.014 | 15.8 | 19.6 |
| 7 30 | 17 48.73 | − 9 42.9 | 1.138 | 2.012 | 19.7 | 19.9 |
| **498023** 2007 $FK_{43}$ | | | 6 24.1 93°.86 | | 4°.0/24.4 17 | |
| 5 21 | 18 45.60 | −34 41.3 | 1.821 | 2.671 | 14.3 | 21.0 |
| 5 31 | 18 38.20 | −34 45.3 | 1.768 | 2.693 | 11.0 | 20.9 |
| 6 10 | 18 28.34 | −34 39.5 | 1.738 | 2.714 | 7.4 | 20.7 |
| 6 20 | 18 17.04 | −34 20.6 | 1.733 | 2.735 | 4.4 | 20.6 |
| 6 30 | 18 5.59 | −33 48.1 | 1.755 | 2.756 | 4.6 | 20.6 |
| 7 10 | 17 55.27 | −33 4.1 | 1.804 | 2.777 | 7.6 | 20.8 |
| 7 20 | 17 47.07 | −32 12.7 | 1.879 | 2.797 | 10.9 | 21.1 |
| 7 30 | 17 41.60 | −31 18.7 | 1.975 | 2.816 | 13.9 | 21.3 |
| **508204** 2015 $FR_{396}$ | | | 6 24.1 211°.04 | | 6°.5/23.0 18 | |
| 5 21 | 18 44.19 | −38 46.2 | 2.046 | 2.885 | 13.4 | 21.1 |
| 5 31 | 18 37.71 | −39 59.4 | 1.971 | 2.880 | 10.8 | 20.9 |
| 6 10 | 18 28.46 | −41 4.3 | 1.918 | 2.876 | 8.2 | 20.8 |
| 6 20 | 18 17.22 | −41 54.7 | 1.891 | 2.871 | 6.6 | 20.7 |
| 6 30 | 18 5.16 | −42 25.6 | 1.891 | 2.866 | 7.1 | 20.7 |
| 7 10 | 17 53.70 | −42 35.9 | 1.916 | 2.860 | 9.2 | 20.8 |
| 7 20 | 17 44.09 | −42 27.6 | 1.966 | 2.854 | 11.9 | 21.0 |
| 7 30 | 17 37.27 | −42 5.3 | 2.036 | 2.848 | 14.5 | 21.1 |
| **218865** 2006 $WY_{204}$ | | | 6 24.1 333°.25 | | 0°.4/24.2 18 | R |
| 5 21 | 18 36.50 | −22 40.0 | 1.280 | 2.167 | 16.8 | 19.4 |
| 5 31 | 18 32.49 | −22 37.7 | 1.207 | 2.157 | 12.6 | 19.1 |
| 6 10 | 18 25.50 | −22 37.2 | 1.154 | 2.147 | 7.8 | 18.8 |
| 6 20 | 18 16.36 | −22 36.9 | 1.124 | 2.138 | 2.4 | 18.5 |
| 6 30 | 18 6.43 | −22 35.7 | 1.117 | 2.129 | 3.3 | 18.5 |
| 7 10 | 17 57.28 | −22 33.4 | 1.133 | 2.122 | 8.8 | 18.8 |
| 7 20 | 17 50.25 | −22 30.9 | 1.172 | 2.115 | 13.8 | 19.1 |
| 7 30 | 17 46.33 | −22 29.5 | 1.229 | 2.109 | 18.1 | 19.3 |
| **275596** 1999 $VN_{129}$ | | | 6 24.1 211°.33 | | 5°.0/23.9 18 | |
| 5 21 | 18 34.26 | − 7 27.5 | 2.776 | 3.599 | 10.7 | 21.3 |
| 5 31 | 18 29.18 | − 6 41.6 | 2.694 | 3.594 | 8.6 | 21.1 |
| 6 10 | 18 22.75 | − 6 3.1 | 2.637 | 3.589 | 6.6 | 21.0 |
| 6 20 | 18 15.42 | − 5 33.8 | 2.605 | 3.584 | 5.2 | 20.9 |
| 6 30 | 18 7.80 | − 5 15.2 | 2.602 | 3.578 | 5.4 | 20.9 |
| 7 10 | 18 0.54 | − 5 7.6 | 2.626 | 3.572 | 7.0 | 21.0 |
| 7 20 | 17 54.21 | − 5 10.7 | 2.676 | 3.565 | 9.1 | 21.1 |
| 7 30 | 17 49.28 | − 5 23.3 | 2.749 | 3.558 | 11.2 | 21.2 |
| **144853** 2004 $KW_8$ | | | 6 24.1 6°.38 | | 4°.1/24.3 16 | |
| 5 21 | 18 34.69 | −13 7.4 | 1.936 | 2.792 | 13.3 | 19.8 |
| 5 31 | 18 30.02 | −12 40.0 | 1.865 | 2.792 | 10.3 | 19.6 |
| 6 10 | 18 23.47 | −12 20.0 | 1.816 | 2.793 | 7.1 | 19.4 |
| 6 20 | 18 15.66 | −12 8.6 | 1.792 | 2.794 | 4.4 | 19.3 |
| 6 30 | 18 7.47 | −12 6.5 | 1.795 | 2.795 | 4.7 | 19.3 |
| 7 10 | 17 59.84 | −12 13.5 | 1.823 | 2.796 | 7.5 | 19.5 |
| 7 20 | 17 53.57 | −12 28.8 | 1.877 | 2.798 | 10.7 | 19.7 |
| 7 30 | 17 49.28 | −12 50.9 | 1.952 | 2.799 | 13.7 | 19.9 |

**509692** 2008 $RT_{23}$ 6 24.1 302°.39 7°.7/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 43.67 | −41 8.4 | 1.611 | 2.459 | 16.0 | 21.1 |
| 5 31 | 18 38.08 | −41 39.0 | 1.519 | 2.434 | 13.1 | 20.8 |
| 6 10 | 18 29.05 | −41 55.5 | 1.448 | 2.408 | 10.1 | 20.6 |
| 6 20 | 18 17.47 | −41 50.9 | 1.399 | 2.383 | 8.0 | 20.4 |
| 6 30 | 18 4.83 | −41 20.4 | 1.374 | 2.357 | 8.2 | 20.3 |
| 7 10 | 17 53.00 | −40 24.4 | 1.373 | 2.332 | 10.8 | 20.4 |
| 7 20 | 17 43.55 | −39 8.0 | 1.395 | 2.307 | 14.3 | 20.5 |
| 7 30 | 17 37.61 | −37 39.4 | 1.437 | 2.283 | 17.8 | 20.7 |

**504992** 2011 $HC_{78}$ 6 24.1 110°.67 3°.9/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.43 | −13 48.8 | 1.865 | 2.717 | 13.9 | 21.9 |
| 5 31 | 18 32.74 | −13 20.8 | 1.802 | 2.729 | 10.7 | 21.7 |
| 6 10 | 18 25.07 | −13 0.0 | 1.763 | 2.740 | 7.2 | 21.5 |
| 6 20 | 18 16.13 | −12 47.2 | 1.748 | 2.751 | 4.3 | 21.4 |
| 6 30 | 18 6.88 | −12 43.2 | 1.760 | 2.761 | 4.6 | 21.4 |
| 7 10 | 17 58.32 | −12 47.6 | 1.799 | 2.772 | 7.6 | 21.6 |
| 7 20 | 17 51.30 | −12 59.8 | 1.863 | 2.782 | 10.9 | 21.9 |
| 7 30 | 17 46.42 | −13 18.5 | 1.949 | 2.792 | 13.9 | 22.1 |

**146840** 2002 $AN_{49}$ 6 24.1 135°.36 1°.0/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.03 | −19 46.6 | 2.553 | 3.404 | 10.7 | 21.4 |
| 5 31 | 18 30.61 | −19 51.5 | 2.482 | 3.412 | 7.9 | 21.2 |
| 6 10 | 18 23.65 | −19 58.8 | 2.435 | 3.421 | 4.9 | 21.0 |
| 6 20 | 18 15.70 | −20 7.8 | 2.416 | 3.428 | 1.7 | 20.8 |
| 6 30 | 18 7.46 | −20 17.8 | 2.425 | 3.436 | 2.2 | 20.9 |
| 7 10 | 17 59.70 | −20 28.3 | 2.463 | 3.443 | 5.3 | 21.1 |
| 7 20 | 17 53.06 | −20 39.1 | 2.528 | 3.450 | 8.3 | 21.3 |
| 7 30 | 17 48.06 | −20 50.4 | 2.616 | 3.457 | 10.9 | 21.5 |

**263535** 2008 $FN_{7}$ 6 24.1 327°.43 3°.7/23.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.69 | −29 19.3 | 1.243 | 2.132 | 17.1 | 20.0 |
| 5 31 | 18 33.05 | −29 55.8 | 1.166 | 2.115 | 13.1 | 19.7 |
| 6 10 | 18 26.09 | −30 29.8 | 1.108 | 2.098 | 8.5 | 19.4 |
| 6 20 | 18 16.61 | −30 56.0 | 1.072 | 2.082 | 4.3 | 19.1 |
| 6 30 | 18 6.06 | −31 10.0 | 1.059 | 2.067 | 5.1 | 19.1 |
| 7 10 | 17 56.25 | −31 10.0 | 1.069 | 2.053 | 9.9 | 19.3 |
| 7 20 | 17 48.75 | −30 58.1 | 1.099 | 2.040 | 14.8 | 19.6 |
| 7 30 | 17 44.74 | −30 38.2 | 1.148 | 2.028 | 19.1 | 19.8 |

**434756** 2006 $HA_{84}$ 6 24.1 153°.55 2°.4/23.7 18

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|---|---|---|---|---|---|---|
| 5 21 | 18 40.13 | −27 29.9 | 2.028 | 2.886 | 12.7 | 21.0 |
| 5 31 | 18 34.27 | −28 22.8 | 1.956 | 2.889 | 9.6 | 20.8 |
| 6 10 | 18 26.17 | −29 15.2 | 1.907 | 2.892 | 6.0 | 20.6 |
| 6 20 | 18 16.51 | −30 3.0 | 1.885 | 2.894 | 2.9 | 20.4 |
| 6 30 | 18 6.29 | −30 42.7 | 1.890 | 2.897 | 3.5 | 20.4 |
| 7 10 | 17 56.62 | −31 12.6 | 1.923 | 2.899 | 6.9 | 20.6 |
| 7 20 | 17 48.50 | −31 32.9 | 1.982 | 2.901 | 10.4 | 20.9 |
| 7 30 | 17 42.68 | −31 45.3 | 2.063 | 2.903 | 13.4 | 21.1 |

**47401** 1999 $XG_{120}$ 6 24.1 3°.79 5°.6/23.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.96 | −32 12.7 | 1.195 | 2.081 | 17.9 | 18.1 |
| 5 31 | 18 34.74 | −33 10.3 | 1.136 | 2.080 | 13.8 | 17.9 |
| 6 10 | 18 27.04 | −34 2.1 | 1.095 | 2.080 | 9.4 | 17.6 |
| 6 20 | 18 16.85 | −34 40.9 | 1.076 | 2.081 | 5.9 | 17.4 |
| 6 30 | 18 5.82 | −35 1.1 | 1.080 | 2.082 | 6.6 | 17.5 |
| 7 10 | 17 55.86 | −35 1.8 | 1.107 | 2.085 | 10.5 | 17.7 |
| 7 20 | 17 48.52 | −34 46.1 | 1.155 | 2.088 | 14.8 | 17.9 |
| 7 30 | 17 44.81 | −34 19.4 | 1.220 | 2.092 | 18.7 | 18.2 |

**24179** 1999 $XS_{7}$ 6 24.1 241°.17 5°.4/23.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.50 | −36 40.8 | 2.221 | 3.062 | 12.4 | 18.3 |
| 5 31 | 18 36.26 | −37 44.0 | 2.135 | 3.049 | 9.9 | 18.1 |
| 6 10 | 18 27.53 | −38 41.1 | 2.072 | 3.037 | 7.3 | 17.9 |
| 6 20 | 18 16.96 | −39 26.8 | 2.036 | 3.023 | 5.5 | 17.8 |
| 6 30 | 18 5.60 | −39 56.8 | 2.026 | 3.010 | 6.0 | 17.8 |
| 7 10 | 17 54.68 | −40 9.6 | 2.044 | 2.996 | 8.3 | 17.9 |
| 7 20 | 17 45.33 | −40 6.6 | 2.086 | 2.981 | 11.1 | 18.1 |
| 7 30 | 17 38.44 | −39 51.3 | 2.151 | 2.966 | 13.7 | 18.2 |

**473204** 2015 $KF_{103}$ 6 24.2 99°.38 1°.4/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.15 | −17 46.8 | 2.141 | 2.992 | 12.4 | 21.6 |
| 5 31 | 18 33.07 | −18 4.3 | 2.084 | 3.014 | 9.3 | 21.4 |
| 6 10 | 18 25.18 | −18 26.6 | 2.051 | 3.035 | 5.7 | 21.2 |
| 6 20 | 18 16.18 | −18 52.2 | 2.045 | 3.056 | 2.2 | 21.0 |
| 6 30 | 18 6.91 | −19 19.6 | 2.067 | 3.077 | 2.6 | 21.1 |
| 7 10 | 17 58.31 | −19 47.6 | 2.117 | 3.097 | 6.0 | 21.4 |
| 7 20 | 17 51.10 | −20 15.4 | 2.193 | 3.117 | 9.3 | 21.6 |
| 7 30 | 17 45.87 | −20 42.5 | 2.293 | 3.136 | 12.1 | 21.8 |

**201144** 2002 $JB_{118}$ 6 24.2 144°.39 7°.5/22.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 53.09 | −29 30.9 | 1.112 | 1.984 | 19.9 | 19.9 |
| 5 31 | 18 46.12 | −32 14.3 | 1.054 | 1.991 | 15.4 | 19.7 |
| 6 10 | 18 34.54 | −35 1.8 | 1.018 | 1.998 | 10.7 | 19.4 |
| 6 20 | 18 19.28 | −37 36.7 | 1.006 | 2.005 | 7.6 | 19.3 |
| 6 30 | 18 2.33 | −39 43.0 | 1.019 | 2.010 | 9.0 | 19.4 |
| 7 10 | 17 46.34 | −41 12.2 | 1.056 | 2.015 | 13.2 | 19.6 |
| 7 20 | 17 33.64 | −42 6.1 | 1.114 | 2.020 | 17.7 | 19.9 |
| 7 30 | 17 25.74 | −42 32.8 | 1.190 | 2.024 | 21.5 | 20.2 |

**418921** 2009 $CV_{32}$ 6 24.2 22°.56 1°.2/24.1 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 36.80 | −24 22.5 | 1.007 | 1.908 | 19.2 | 20.2 |
| 5 31 | 18 33.07 | −24 44.6 | 0.959 | 1.916 | 14.3 | 19.9 |
| 6 10 | 18 25.93 | −25 8.0 | 0.930 | 1.925 | 8.7 | 19.7 |
| 6 20 | 18 16.50 | −25 29.0 | 0.921 | 1.936 | 2.8 | 19.3 |
| 6 30 | 18 6.49 | −25 44.4 | 0.935 | 1.948 | 3.8 | 19.5 |
| 7 10 | 17 57.75 | −25 53.3 | 0.970 | 1.961 | 9.5 | 19.8 |
| 7 20 | 17 51.68 | −25 56.7 | 1.025 | 1.975 | 14.7 | 20.2 |
| 7 30 | 17 49.14 | −25 56.8 | 1.099 | 1.990 | 19.0 | 20.5 |

**311371** 2005 $SX_{158}$ 6 24.2 178°.99 4°.9/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.31 | − 7 0.1 | 2.866 | 3.686 | 10.5 | 21.5 |
| 5 31 | 18 29.17 | − 6 19.7 | 2.790 | 3.687 | 8.4 | 21.3 |
| 6 10 | 18 22.72 | − 5 47.2 | 2.737 | 3.688 | 6.4 | 21.2 |
| 6 20 | 18 15.45 | − 5 24.0 | 2.711 | 3.688 | 5.1 | 21.1 |
| 6 30 | 18 7.92 | − 5 11.3 | 2.713 | 3.688 | 5.2 | 21.1 |
| 7 10 | 18 0.76 | − 5 9.3 | 2.743 | 3.688 | 6.8 | 21.2 |
| 7 20 | 17 54.51 | − 5 17.3 | 2.799 | 3.687 | 8.8 | 21.4 |
| 7 30 | 17 49.63 | − 5 34.1 | 2.878 | 3.686 | 10.8 | 21.5 |

**449592** 2014 $JZ_{42}$ 6 24.2 336°.38 6°.6/21.2 15

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.82 | −31 49.1 | 1.671 | 2.535 | 14.7 | 19.9 |
| 5 31 | 18 35.97 | −34 14.5 | 1.585 | 2.516 | 11.5 | 19.6 |
| 6 10 | 18 27.95 | −36 44.1 | 1.524 | 2.498 | 8.4 | 19.4 |
| 6 20 | 18 17.28 | −39 7.7 | 1.489 | 2.480 | 6.6 | 19.2 |
| 6 30 | 18 5.08 | −41 14.5 | 1.481 | 2.464 | 7.8 | 19.3 |
| 7 10 | 17 52.96 | −42 57.2 | 1.499 | 2.448 | 10.9 | 19.4 |
| 7 20 | 17 42.57 | −44 13.3 | 1.542 | 2.434 | 14.4 | 19.6 |
| 7 30 | 17 35.31 | −45 5.5 | 1.604 | 2.421 | 17.6 | 19.8 |

**144020** 2004 $BO_{12}$ 6 24.2 265°.44 0°.7/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.95 | −20 55.8 | 2.001 | 2.863 | 12.7 | 20.2 |
| 5 31 | 18 31.81 | −21 2.8 | 1.923 | 2.860 | 9.5 | 20.0 |
| 6 10 | 18 24.64 | −21 12.6 | 1.869 | 2.856 | 5.8 | 19.8 |
| 6 20 | 18 16.09 | −21 23.7 | 1.839 | 2.853 | 1.9 | 19.5 |
| 6 30 | 18 7.05 | −21 35.2 | 1.837 | 2.849 | 2.5 | 19.6 |
| 7 10 | 17 58.55 | −21 46.4 | 1.863 | 2.846 | 6.5 | 19.8 |
| 7 20 | 17 51.45 | −21 57.2 | 1.913 | 2.842 | 10.1 | 20.0 |
| 7 30 | 17 46.46 | −22 7.9 | 1.986 | 2.839 | 13.3 | 20.2 |

**479172** 2013 $CC_{40}$ 6 24.2 140°.18 6°.7/23.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.64 | −44 44.3 | 2.527 | 3.339 | 11.9 | 21.5 |
| 5 31 | 18 36.75 | −45 27.1 | 2.462 | 3.346 | 9.9 | 21.3 |
| 6 10 | 18 27.59 | −45 57.5 | 2.419 | 3.353 | 8.0 | 21.2 |
| 6 20 | 18 16.94 | −46 11.2 | 2.402 | 3.360 | 6.8 | 21.1 |
| 6 30 | 18 5.89 | −46 5.9 | 2.410 | 3.366 | 7.0 | 21.2 |
| 7 10 | 17 55.60 | −45 42.0 | 2.445 | 3.372 | 8.4 | 21.3 |
| 7 20 | 17 47.04 | −45 2.5 | 2.505 | 3.378 | 10.3 | 21.4 |
| 7 30 | 17 40.91 | −44 12.1 | 2.587 | 3.383 | 12.2 | 21.5 |

**321335** 2009 $HG_{101}$ 6 24.2 27°.63 0°.4/24.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.27 | −23 1.9 | 1.172 | 2.061 | 17.9 | 20.7 |
| 5 31 | 18 33.82 | −23 20.1 | 1.118 | 2.068 | 13.3 | 20.5 |
| 6 10 | 18 26.27 | −23 40.9 | 1.083 | 2.076 | 8.1 | 20.2 |
| 6 20 | 18 16.61 | −24 1.3 | 1.070 | 2.084 | 2.4 | 19.9 |
| 6 30 | 18 6.38 | −24 18.7 | 1.081 | 2.094 | 3.4 | 20.0 |
| 7 10 | 17 57.22 | −24 31.8 | 1.115 | 2.104 | 8.9 | 20.4 |
| 7 20 | 17 50.46 | −24 41.2 | 1.170 | 2.114 | 13.8 | 20.7 |
| 7 30 | 17 46.96 | −24 48.2 | 1.245 | 2.125 | 17.9 | 20.9 |

**258881** 2002 $QS_{44}$ 6 24.2 287°.73 7°.0/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.75 | −38 3.7 | 1.537 | 2.394 | 16.1 | 20.4 |
| 5 31 | 18 38.20 | −38 46.8 | 1.450 | 2.373 | 13.0 | 20.1 |
| 6 10 | 18 29.20 | −39 19.5 | 1.383 | 2.352 | 9.7 | 19.9 |
| 6 20 | 18 17.59 | −39 34.4 | 1.339 | 2.331 | 7.3 | 19.7 |
| 6 30 | 18 4.86 | −39 26.3 | 1.320 | 2.310 | 7.6 | 19.7 |
| 7 10 | 17 52.87 | −38 54.7 | 1.325 | 2.289 | 10.7 | 19.8 |
| 7 20 | 17 43.25 | −38 3.6 | 1.352 | 2.267 | 14.5 | 19.9 |
| 7 30 | 17 37.15 | −37 0.3 | 1.399 | 2.246 | 18.1 | 20.1 |

**132445** Gaertner 6 24.2 325°.31 5°.5/23.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.12 | −30 52.2 | 1.114 | 2.008 | 18.2 | 19.4 |
| 5 31 | 18 33.18 | −31 52.4 | 1.035 | 1.985 | 14.2 | 19.1 |
| 6 10 | 18 26.51 | −32 51.0 | 0.974 | 1.963 | 9.6 | 18.7 |
| 6 20 | 18 16.87 | −33 40.6 | 0.935 | 1.941 | 5.9 | 18.5 |
| 6 30 | 18 5.80 | −34 13.7 | 0.917 | 1.921 | 6.8 | 18.4 |
| 7 10 | 17 55.38 | −34 26.9 | 0.920 | 1.902 | 11.4 | 18.6 |
| 7 20 | 17 47.52 | −34 21.4 | 0.943 | 1.884 | 16.5 | 18.8 |
| 7 30 | 17 43.64 | −34 2.2 | 0.983 | 1.867 | 21.2 | 19.1 |

**500049** 2011 $UY_{5}$ 6 24.2 298°.37 2°.6/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.49 | −19 8.9 | 1.211 | 2.096 | 17.8 | 21.6 |
| 5 31 | 18 34.33 | −18 46.5 | 1.125 | 2.073 | 13.6 | 21.3 |
| 6 10 | 18 26.90 | −18 28.0 | 1.059 | 2.049 | 8.7 | 21.0 |
| 6 20 | 18 16.92 | −18 13.9 | 1.014 | 2.026 | 3.7 | 20.6 |
| 6 30 | 18 5.77 | −18 4.6 | 0.993 | 2.004 | 4.5 | 20.6 |
| 7 10 | 17 55.17 | −18 0.6 | 0.994 | 1.981 | 10.0 | 20.8 |
| 7 20 | 17 46.71 | −18 2.6 | 1.017 | 1.959 | 15.5 | 21.0 |
| 7 30 | 17 41.60 | −18 11.1 | 1.057 | 1.937 | 20.4 | 21.3 |

**478215** 2011 $UO_{301}$ 6 24.2 314.°76 0.°2/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 36.23 | −23 5.9 | 1.950 | 2.816 | 12.8 | 21.4 |
| 5 31 | 18 31.36 | −23 4.2 | 1.870 | 2.808 | 9.6 | 21.1 |
| 6 10 | 18 24.41 | −23 3.0 | 1.812 | 2.801 | 5.8 | 20.9 |
| 6 20 | 18 16.03 | −23 1.1 | 1.779 | 2.793 | 1.8 | 20.6 |
| 6 30 | 18 7.15 | −22 57.9 | 1.774 | 2.786 | 2.5 | 20.6 |
| 7 10 | 17 58.82 | −22 53.3 | 1.795 | 2.779 | 6.6 | 20.9 |
| 7 20 | 17 51.93 | −22 48.0 | 1.842 | 2.773 | 10.3 | 21.1 |
| 7 30 | 17 47.20 | −22 43.1 | 1.910 | 2.766 | 13.6 | 21.3 |

**172121** 2002 $GO_{135}$ 6 24.2 2.°76 5.°6/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.65 | −34 7.3 | 1.197 | 2.079 | 18.1 | 18.9 |
| 5 31 | 18 36.00 | −34 37.1 | 1.136 | 2.078 | 14.1 | 18.7 |
| 6 10 | 18 27.78 | −34 56.8 | 1.094 | 2.077 | 9.7 | 18.4 |
| 6 20 | 18 17.11 | −35 0.3 | 1.074 | 2.078 | 6.1 | 18.2 |
| 6 30 | 18 5.69 | −34 44.1 | 1.076 | 2.079 | 6.5 | 18.2 |
| 7 10 | 17 55.48 | −34 9.3 | 1.101 | 2.080 | 10.4 | 18.5 |
| 7 20 | 17 48.00 | −33 21.2 | 1.147 | 2.083 | 14.8 | 18.7 |
| 7 30 | 17 44.19 | −32 26.6 | 1.212 | 2.086 | 18.7 | 19.0 |

**374918** 2006 $XT_{62}$ 6 24.2 243.°01 0.°4/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.88 | −23 20.2 | 1.910 | 2.769 | 13.4 | 22.5 |
| 5 31 | 18 35.02 | −23 37.3 | 1.819 | 2.754 | 10.0 | 22.2 |
| 6 10 | 18 26.77 | −23 55.8 | 1.751 | 2.739 | 6.2 | 22.0 |
| 6 20 | 18 16.78 | −24 13.6 | 1.709 | 2.723 | 1.9 | 21.7 |
| 6 30 | 18 6.06 | −24 28.6 | 1.695 | 2.706 | 2.7 | 21.7 |
| 7 10 | 17 55.79 | −24 39.9 | 1.707 | 2.689 | 7.0 | 21.9 |
| 7 20 | 17 47.04 | −24 47.7 | 1.746 | 2.672 | 11.1 | 22.1 |
| 7 30 | 17 40.68 | −24 53.1 | 1.806 | 2.654 | 14.7 | 22.3 |

**492321** 2014 $BC_{53}$ 6 24.2 244.°94 0.°7/24.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.03 | −24 14.9 | 1.942 | 2.803 | 13.1 | 22.0 |
| 5 31 | 18 33.54 | −24 32.5 | 1.858 | 2.795 | 9.8 | 21.8 |
| 6 10 | 18 25.79 | −24 50.8 | 1.798 | 2.786 | 6.0 | 21.6 |
| 6 20 | 18 16.47 | −25 7.4 | 1.763 | 2.777 | 1.9 | 21.3 |
| 6 30 | 18 6.53 | −25 20.6 | 1.756 | 2.767 | 2.6 | 21.3 |
| 7 10 | 17 57.12 | −25 29.6 | 1.775 | 2.758 | 6.8 | 21.6 |
| 7 20 | 17 49.22 | −25 34.6 | 1.820 | 2.748 | 10.6 | 21.8 |
| 7 30 | 17 43.61 | −25 37.1 | 1.888 | 2.738 | 14.0 | 22.0 |

**175507** 2006 $SO_{8}$ 6 24.2 318.°34 3.°1/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.21 | −15 25.6 | 1.285 | 2.165 | 17.2 | 19.4 |
| 5 31 | 18 32.34 | −15 39.2 | 1.206 | 2.149 | 13.2 | 19.1 |
| 6 10 | 18 25.52 | −16 4.9 | 1.146 | 2.134 | 8.6 | 18.8 |
| 6 20 | 18 16.48 | −16 42.2 | 1.109 | 2.119 | 4.0 | 18.5 |
| 6 30 | 18 6.45 | −17 29.0 | 1.095 | 2.105 | 4.4 | 18.5 |
| 7 10 | 17 56.99 | −18 22.2 | 1.105 | 2.091 | 9.2 | 18.7 |
| 7 20 | 17 49.49 | −19 18.6 | 1.136 | 2.079 | 14.2 | 19.0 |
| 7 30 | 17 45.02 | −20 15.5 | 1.187 | 2.066 | 18.7 | 19.2 |

**253126** 2002 $VV_{13}$ 6 24.2 260.°16 10.°6/25.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 55.90 | −45 35.7 | 1.152 | 1.997 | 21.1 | 19.5 |
| 5 31 | 18 48.41 | −45 49.6 | 1.077 | 1.986 | 17.7 | 19.3 |
| 6 10 | 18 35.81 | −45 37.0 | 1.019 | 1.974 | 14.0 | 19.0 |
| 6 20 | 18 19.57 | −44 46.5 | 0.981 | 1.961 | 11.2 | 18.8 |
| 6 30 | 18 2.33 | −43 11.9 | 0.966 | 1.948 | 10.9 | 18.8 |
| 7 10 | 17 47.05 | −40 58.9 | 0.973 | 1.935 | 13.7 | 18.9 |
| 7 20 | 17 35.86 | −38 21.8 | 1.001 | 1.922 | 17.8 | 19.0 |
| 7 30 | 17 29.81 | −35 38.1 | 1.048 | 1.909 | 22.0 | 19.3 |

**94232** 2001 $BG_{67}$ 6 24.2 136.°64 5.°4/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.75 | − 4 44.9 | 2.747 | 3.562 | 11.0 | 19.9 |
| 5 31 | 18 28.79 | − 4 16.9 | 2.679 | 3.570 | 9.0 | 19.8 |
| 6 10 | 18 22.51 | − 3 59.1 | 2.634 | 3.578 | 7.0 | 19.7 |
| 6 20 | 18 15.41 | − 3 52.7 | 2.615 | 3.586 | 5.6 | 19.6 |
| 6 30 | 18 8.07 | − 3 58.3 | 2.623 | 3.593 | 5.7 | 19.6 |
| 7 10 | 18 1.14 | − 4 15.5 | 2.658 | 3.600 | 7.1 | 19.7 |
| 7 20 | 17 55.15 | − 4 42.9 | 2.718 | 3.607 | 9.0 | 19.9 |
| 7 30 | 17 50.56 | − 5 18.6 | 2.802 | 3.613 | 11.0 | 20.0 |

**239979** 2001 $RR_{30}$ 6 24.2 306.°61 5.°4/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.60 | −10 19.2 | 1.813 | 2.666 | 14.2 | 20.4 |
| 5 31 | 18 30.31 | − 9 51.6 | 1.722 | 2.644 | 11.3 | 20.2 |
| 6 10 | 18 23.89 | − 9 34.1 | 1.652 | 2.623 | 8.2 | 20.0 |
| 6 20 | 18 15.92 | − 9 28.4 | 1.606 | 2.601 | 5.7 | 19.8 |
| 6 30 | 18 7.28 | − 9 35.9 | 1.585 | 2.580 | 6.0 | 19.7 |
| 7 10 | 17 59.01 | − 9 56.4 | 1.590 | 2.559 | 8.7 | 19.8 |
| 7 20 | 17 52.08 | −10 28.4 | 1.619 | 2.539 | 12.2 | 20.0 |
| 7 30 | 17 47.29 | −11 9.7 | 1.668 | 2.518 | 15.6 | 20.2 |

**291638** 2006 $HR_{26}$ 6 24.2 64.°48 5.°0/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.76 | −10 28.4 | 1.747 | 2.598 | 14.8 | 21.1 |
| 5 31 | 18 31.63 | −10 12.9 | 1.689 | 2.611 | 11.5 | 20.9 |
| 6 10 | 18 24.47 | −10 8.7 | 1.653 | 2.625 | 8.1 | 20.8 |
| 6 20 | 18 16.02 | −10 16.7 | 1.641 | 2.638 | 5.4 | 20.6 |
| 6 30 | 18 7.25 | −10 36.6 | 1.655 | 2.652 | 5.5 | 20.7 |
| 7 10 | 17 59.17 | −11 7.0 | 1.695 | 2.665 | 8.1 | 20.8 |
| 7 20 | 17 52.65 | −11 45.6 | 1.759 | 2.679 | 11.4 | 21.1 |
| 7 30 | 17 48.31 | −12 30.0 | 1.844 | 2.693 | 14.4 | 21.3 |

**255651** 2006 $QK_{21}$ 6 24.2 253.°30 0.°9/24.2 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 40.78 | −21 20.2 | 1.739 | 2.602 | 14.3 | 21.5 |
| 5 31 | 18 35.11 | −21 16.7 | 1.649 | 2.586 | 10.8 | 21.2 |
| 6 10 | 18 26.90 | −21 15.2 | 1.581 | 2.569 | 6.7 | 20.9 |
| 6 20 | 18 16.84 | −21 14.4 | 1.538 | 2.551 | 2.2 | 20.6 |
| 6 30 | 18 6.01 | −21 13.6 | 1.522 | 2.533 | 2.9 | 20.6 |
| 7 10 | 17 55.67 | −21 12.5 | 1.532 | 2.515 | 7.6 | 20.9 |
| 7 20 | 17 46.98 | −21 11.8 | 1.567 | 2.496 | 12.0 | 21.1 |
| 7 30 | 17 40.84 | −21 12.4 | 1.623 | 2.476 | 15.8 | 21.3 |

**440299** 2004 $RA_{270}$ 6 24.2 250.°30 2.°5/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.48 | −31 9.3 | 2.605 | 3.453 | 10.6 | 21.9 |
| 5 31 | 18 31.96 | −31 27.4 | 2.515 | 3.441 | 8.0 | 21.8 |
| 6 10 | 18 24.64 | −31 41.5 | 2.449 | 3.429 | 5.2 | 21.6 |
| 6 20 | 18 16.09 | −31 49.2 | 2.410 | 3.417 | 2.8 | 21.4 |
| 6 30 | 18 7.09 | −31 49.0 | 2.400 | 3.404 | 3.2 | 21.4 |
| 7 10 | 17 58.50 | −31 40.8 | 2.418 | 3.391 | 5.9 | 21.5 |
| 7 20 | 17 51.11 | −31 25.7 | 2.462 | 3.378 | 8.7 | 21.7 |
| 7 30 | 17 45.54 | −31 5.7 | 2.530 | 3.365 | 11.4 | 21.9 |

**398421** 2011 $TN_{4}$ 6 24.2 314.°68 1.°0/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.25 | −18 39.2 | 1.922 | 2.785 | 13.1 | 20.6 |
| 5 31 | 18 31.45 | −19 9.2 | 1.841 | 2.777 | 9.9 | 20.4 |
| 6 10 | 18 24.53 | −19 45.4 | 1.782 | 2.769 | 6.1 | 20.1 |
| 6 20 | 18 16.11 | −20 26.2 | 1.749 | 2.762 | 2.1 | 19.9 |
| 6 30 | 18 7.09 | −21 9.0 | 1.743 | 2.754 | 2.6 | 19.9 |
| 7 10 | 17 58.53 | −21 51.9 | 1.764 | 2.747 | 6.7 | 20.1 |
| 7 20 | 17 51.35 | −22 33.1 | 1.810 | 2.741 | 10.5 | 20.3 |
| 7 30 | 17 46.32 | −23 12.0 | 1.879 | 2.734 | 13.9 | 20.5 |

**366807** 2005 $CD_{9}$ 6 24.2 100.°05 3.°5/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.91 | −31 24.6 | 1.570 | 2.431 | 15.7 | 21.4 |
| 5 31 | 18 38.84 | −31 47.9 | 1.518 | 2.450 | 11.9 | 21.2 |
| 6 10 | 18 28.98 | −32 4.1 | 1.488 | 2.470 | 7.7 | 21.0 |
| 6 20 | 18 17.38 | −32 9.3 | 1.482 | 2.489 | 4.1 | 20.8 |
| 6 30 | 18 5.47 | −32 1.1 | 1.502 | 2.508 | 4.5 | 20.9 |
| 7 10 | 17 54.72 | −31 40.8 | 1.549 | 2.526 | 8.2 | 21.1 |
| 7 20 | 17 46.28 | −31 11.9 | 1.620 | 2.543 | 12.0 | 21.4 |
| 7 30 | 17 40.85 | −30 38.6 | 1.712 | 2.560 | 15.3 | 21.7 |

**521413** 2015 $MT_{145}$ 6 24.2 204.°82 1.°0/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.02 | −19 8.6 | 2.272 | 3.127 | 11.6 | 22.0 |
| 5 31 | 18 30.91 | −19 27.6 | 2.194 | 3.127 | 8.7 | 21.8 |
| 6 10 | 18 24.01 | −19 50.7 | 2.140 | 3.126 | 5.4 | 21.6 |
| 6 20 | 18 15.92 | −20 16.5 | 2.112 | 3.125 | 1.9 | 21.3 |
| 6 30 | 18 7.40 | −20 43.8 | 2.113 | 3.124 | 2.3 | 21.4 |
| 7 10 | 17 59.33 | −21 11.3 | 2.142 | 3.123 | 5.8 | 21.6 |
| 7 20 | 17 52.46 | −21 38.1 | 2.196 | 3.122 | 9.2 | 21.8 |
| 7 30 | 17 47.43 | −22 4.0 | 2.274 | 3.121 | 12.1 | 22.0 |

**461617** 2005 $AP_{47}$ 6 24.2 126.°21 1.°4/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.32 | −18 30.6 | 1.640 | 2.500 | 15.1 | 21.0 |
| 5 31 | 18 36.01 | −18 48.3 | 1.578 | 2.513 | 11.3 | 20.8 |
| 6 10 | 18 27.26 | −19 11.8 | 1.539 | 2.525 | 7.0 | 20.6 |
| 6 20 | 18 16.90 | −19 39.1 | 1.524 | 2.537 | 2.5 | 20.3 |
| 6 30 | 18 6.09 | −20 8.2 | 1.537 | 2.548 | 3.1 | 20.4 |
| 7 10 | 17 56.09 | −20 37.3 | 1.576 | 2.559 | 7.4 | 20.7 |
| 7 20 | 17 47.95 | −21 5.6 | 1.640 | 2.569 | 11.5 | 20.9 |
| 7 30 | 17 42.39 | −21 32.9 | 1.726 | 2.578 | 15.0 | 21.2 |

**497765** 2006 $SK_{310}$ 6 24.2 218.°75 0.°8/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.68 | −21 42.3 | 1.771 | 2.633 | 14.1 | 22.6 |
| 5 31 | 18 34.85 | −21 36.0 | 1.691 | 2.627 | 10.6 | 22.4 |
| 6 10 | 18 26.63 | −21 31.1 | 1.634 | 2.621 | 6.5 | 22.2 |
| 6 20 | 18 16.75 | −21 26.5 | 1.602 | 2.615 | 2.1 | 21.9 |
| 6 30 | 18 6.28 | −21 21.5 | 1.597 | 2.608 | 2.8 | 21.9 |
| 7 10 | 17 56.44 | −21 16.3 | 1.618 | 2.601 | 7.3 | 22.2 |
| 7 20 | 17 48.27 | −21 11.6 | 1.665 | 2.593 | 11.4 | 22.4 |
| 7 30 | 17 42.58 | −21 8.5 | 1.733 | 2.585 | 15.0 | 22.6 |

**390194** 2012 $WX_{23}$ 6 24.2 351.°62 0.°1/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.20 | −21 54.8 | 1.933 | 2.797 | 13.0 | 21.0 |
| 5 31 | 18 32.10 | −22 19.2 | 1.859 | 2.797 | 9.7 | 20.8 |
| 6 10 | 18 24.88 | −22 46.5 | 1.807 | 2.796 | 5.9 | 20.6 |
| 6 20 | 18 16.21 | −23 14.6 | 1.782 | 2.796 | 1.8 | 20.3 |
| 6 30 | 18 7.04 | −23 41.3 | 1.783 | 2.795 | 2.5 | 20.4 |
| 7 10 | 17 58.42 | −24 5.5 | 1.812 | 2.795 | 6.6 | 20.6 |
| 7 20 | 17 51.27 | −24 26.6 | 1.865 | 2.795 | 10.3 | 20.8 |
| 7 30 | 17 46.31 | −24 45.0 | 1.941 | 2.795 | 13.5 | 21.1 |

**365313** 2009 $SC_{35}$ 6 24.2 283.°40 3.°5/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.53 | −13 1.2 | 2.527 | 3.372 | 11.0 | 20.9 |
| 5 31 | 18 28.84 | −12 32.7 | 2.445 | 3.366 | 8.5 | 20.8 |
| 6 10 | 18 22.67 | −12 9.7 | 2.387 | 3.360 | 5.8 | 20.6 |
| 6 20 | 18 15.52 | −11 53.2 | 2.355 | 3.354 | 3.8 | 20.4 |
| 6 30 | 18 8.03 | −11 43.9 | 2.350 | 3.348 | 4.0 | 20.4 |
| 7 10 | 18 0.93 | −11 42.0 | 2.373 | 3.342 | 6.3 | 20.6 |
| 7 20 | 17 54.85 | −11 47.2 | 2.422 | 3.336 | 9.0 | 20.7 |
| 7 30 | 17 50.31 | −11 58.7 | 2.494 | 3.330 | 11.5 | 20.9 |

**248439** 2005 $TY_{40}$ 6 24.2 198°.23 1°.1/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 34.81 | −18 50.3 | 2.747 | 3.596 | 10.1 | 20.9 |
| 5 31 | 18 29.73 | −18 57.8 | 2.665 | 3.594 | 7.5 | 20.7 |
| 6 10 | 18 23.18 | −19 8.2 | 2.607 | 3.592 | 4.7 | 20.6 |
| 6 20 | 18 15.67 | −19 21.1 | 2.578 | 3.589 | 1.8 | 20.4 |
| 6 30 | 18 7.82 | −19 35.5 | 2.576 | 3.587 | 2.1 | 20.4 |
| 7 10 | 18 0.34 | −19 51.1 | 2.604 | 3.584 | 5.1 | 20.6 |
| 7 20 | 17 53.85 | −20 7.2 | 2.658 | 3.581 | 7.9 | 20.8 |
| 7 30 | 17 48.85 | −20 23.9 | 2.737 | 3.577 | 10.5 | 20.9 |

**59463** 1999 $GV_{45}$ 6 24.2 216°.86 4°.2/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.21 | −11 7.0 | 2.033 | 2.875 | 13.3 | 18.7 |
| 5 31 | 18 32.69 | −11 0.3 | 1.950 | 2.868 | 10.4 | 18.5 |
| 6 10 | 18 25.19 | −11 3.3 | 1.890 | 2.862 | 7.3 | 18.3 |
| 6 20 | 18 16.31 | −11 16.5 | 1.855 | 2.854 | 4.7 | 18.1 |
| 6 30 | 18 6.92 | −11 39.7 | 1.848 | 2.847 | 4.8 | 18.1 |
| 7 10 | 17 57.98 | −12 11.7 | 1.868 | 2.838 | 7.5 | 18.3 |
| 7 20 | 17 50.34 | −12 50.8 | 1.913 | 2.830 | 10.8 | 18.4 |
| 7 30 | 17 44.72 | −13 35.1 | 1.981 | 2.820 | 13.9 | 18.6 |

**283706** 2002 $SA_5$ 6 24.2 265°.56 1°.0/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.66 | −20 28.0 | 2.207 | 3.063 | 11.9 | 21.6 |
| 5 31 | 18 32.32 | −20 25.6 | 2.109 | 3.042 | 9.0 | 21.3 |
| 6 10 | 18 25.01 | −20 25.5 | 2.035 | 3.022 | 5.6 | 21.1 |
| 6 20 | 18 16.28 | −20 26.7 | 1.987 | 3.000 | 1.9 | 20.8 |
| 6 30 | 18 6.95 | −20 28.8 | 1.968 | 2.979 | 2.5 | 20.8 |
| 7 10 | 17 57.98 | −20 31.5 | 1.976 | 2.957 | 6.3 | 21.0 |
| 7 20 | 17 50.23 | −20 34.9 | 2.009 | 2.935 | 9.9 | 21.2 |
| 7 30 | 17 44.42 | −20 39.6 | 2.066 | 2.912 | 13.2 | 21.4 |

**111749** 2002 $CK_{113}$ 6 24.2 284°.20 4°.7/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.57 | −36 32.8 | 2.190 | 3.036 | 12.4 | 19.9 |
| 5 31 | 18 33.93 | −37 1.2 | 2.109 | 3.028 | 9.7 | 19.7 |
| 6 10 | 18 26.03 | −37 21.4 | 2.051 | 3.020 | 7.0 | 19.5 |
| 6 20 | 18 16.57 | −37 29.8 | 2.018 | 3.011 | 4.9 | 19.3 |
| 6 30 | 18 6.59 | −37 24.0 | 2.011 | 3.003 | 5.2 | 19.3 |
| 7 10 | 17 57.21 | −37 4.2 | 2.032 | 2.995 | 7.6 | 19.5 |
| 7 20 | 17 49.41 | −36 32.5 | 2.077 | 2.987 | 10.4 | 19.6 |
| 7 30 | 17 43.96 | −35 52.9 | 2.145 | 2.979 | 13.2 | 19.8 |

**130379** 2000 $HO_{15}$ 6 24.2 325°.39 7°.6/23.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 32.40 | − 2 50.2 | 2.241 | 3.062 | 13.0 | 18.9 |
| 5 31 | 18 28.20 | − 1 47.6 | 2.162 | 3.051 | 10.9 | 18.8 |
| 6 10 | 18 22.37 | − 0 56.7 | 2.104 | 3.040 | 8.9 | 18.6 |
| 6 20 | 18 15.46 | − 0 20.7 | 2.071 | 3.029 | 7.7 | 18.5 |
| 6 30 | 18 8.15 | − 0 1.9 | 2.062 | 3.019 | 7.9 | 18.5 |
| 7 10 | 18 1.23 | − 0 1.1 | 2.079 | 3.009 | 9.4 | 18.6 |
| 7 20 | 17 55.38 | − 0 17.1 | 2.119 | 2.999 | 11.6 | 18.7 |
| 7 30 | 17 51.19 | − 0 47.5 | 2.180 | 2.990 | 13.8 | 18.9 |

**397113** 2005 $VG_{54}$ 6 24.2 306°.07 4°.6/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.36 | −12 4.1 | 2.033 | 2.884 | 13.0 | 21.0 |
| 5 31 | 18 29.88 | −11 25.1 | 1.944 | 2.868 | 10.2 | 20.8 |
| 6 10 | 18 23.51 | −10 52.9 | 1.879 | 2.852 | 7.2 | 20.6 |
| 6 20 | 18 15.83 | −10 29.2 | 1.838 | 2.835 | 4.9 | 20.4 |
| 6 30 | 18 7.63 | −10 15.8 | 1.824 | 2.819 | 5.2 | 20.4 |
| 7 10 | 17 59.85 | −10 13.0 | 1.836 | 2.804 | 7.9 | 20.5 |
| 7 20 | 17 53.29 | −10 20.6 | 1.872 | 2.788 | 11.0 | 20.7 |
| 7 30 | 17 48.65 | −10 37.3 | 1.930 | 2.773 | 14.1 | 20.8 |

**250324** 2003 $SW_{15}$ 6 24.2 333°.09 2°.5/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.55 | −18 52.1 | 1.096 | 1.992 | 18.3 | 20.3 |
| 5 31 | 18 31.46 | −18 40.6 | 1.024 | 1.977 | 14.0 | 20.0 |
| 6 10 | 18 25.15 | −18 35.4 | 0.971 | 1.963 | 8.9 | 19.7 |
| 6 20 | 18 16.44 | −18 36.8 | 0.938 | 1.950 | 3.6 | 19.4 |
| 6 30 | 18 6.75 | −18 44.4 | 0.927 | 1.938 | 4.3 | 19.4 |
| 7 10 | 17 57.82 | −18 57.4 | 0.938 | 1.928 | 9.9 | 19.6 |
| 7 20 | 17 51.15 | −19 15.0 | 0.969 | 1.918 | 15.3 | 19.9 |
| 7 30 | 17 47.86 | −19 36.7 | 1.017 | 1.910 | 20.0 | 20.1 |

**11010** Artemieva 6 24.2 65°.67 5°.3/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.87 | −12 25.2 | 1.386 | 2.252 | 17.0 | 17.9 |
| 5 31 | 18 33.77 | −11 54.8 | 1.324 | 2.256 | 13.2 | 17.6 |
| 6 10 | 18 26.07 | −11 35.3 | 1.282 | 2.261 | 9.1 | 17.4 |
| 6 20 | 18 16.62 | −11 28.6 | 1.264 | 2.265 | 5.8 | 17.2 |
| 6 30 | 18 6.64 | −11 35.3 | 1.269 | 2.270 | 6.0 | 17.3 |
| 7 10 | 17 57.50 | −11 54.6 | 1.299 | 2.275 | 9.5 | 17.5 |
| 7 20 | 17 50.31 | −12 24.4 | 1.351 | 2.279 | 13.5 | 17.7 |
| 7 30 | 17 45.86 | −13 2.1 | 1.423 | 2.284 | 17.2 | 18.0 |

**41501** 2000 $QA_{146}$ 6 24.2 134°.92 5°.9/23.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 47.09 | −35 53.5 | 1.681 | 2.531 | 15.3 | 19.2 |
| 5 31 | 18 40.01 | −36 51.1 | 1.621 | 2.542 | 12.0 | 19.0 |
| 6 10 | 18 29.92 | −37 39.8 | 1.583 | 2.553 | 8.6 | 18.8 |
| 6 20 | 18 17.78 | −38 13.1 | 1.569 | 2.563 | 6.1 | 18.7 |
| 6 30 | 18 5.05 | −38 26.7 | 1.582 | 2.572 | 6.5 | 18.7 |
| 7 10 | 17 53.32 | −38 20.5 | 1.620 | 2.581 | 9.3 | 18.9 |
| 7 20 | 17 43.89 | −37 58.1 | 1.682 | 2.589 | 12.6 | 19.1 |
| 7 30 | 17 37.63 | −37 25.1 | 1.765 | 2.597 | 15.6 | 19.4 |

**205052** 1999 $CP_{142}$ 6 24.2 291°.76 0°.7/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 37.72 | −25 1.4 | 2.020 | 2.883 | 12.6 | 20.5 |
| 5 31 | 18 32.41 | −25 9.4 | 1.946 | 2.882 | 9.4 | 20.3 |
| 6 10 | 18 25.04 | −25 16.6 | 1.894 | 2.882 | 5.7 | 20.0 |
| 6 20 | 18 16.29 | −25 21.4 | 1.869 | 2.882 | 1.8 | 19.8 |
| 6 30 | 18 7.11 | −25 22.6 | 1.871 | 2.882 | 2.5 | 19.8 |
| 7 10 | 17 58.52 | −25 20.0 | 1.899 | 2.882 | 6.4 | 20.1 |
| 7 20 | 17 51.40 | −25 14.6 | 1.954 | 2.882 | 10.0 | 20.3 |
| 7 30 | 17 46.43 | −25 7.6 | 2.030 | 2.882 | 13.1 | 20.5 |

**173557** 2000 $YU_{127}$ 6 24.2 257°.80 2°.8/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.31 | −28 49.4 | 1.729 | 2.590 | 14.5 | 20.4 |
| 5 31 | 18 37.32 | −29 19.4 | 1.635 | 2.569 | 11.0 | 20.1 |
| 6 10 | 18 28.46 | −29 47.1 | 1.564 | 2.548 | 7.1 | 19.8 |
| 6 20 | 18 17.43 | −30 8.4 | 1.517 | 2.527 | 3.4 | 19.5 |
| 6 30 | 18 5.42 | −30 19.8 | 1.497 | 2.504 | 4.0 | 19.5 |
| 7 10 | 17 53.87 | −30 20.0 | 1.503 | 2.481 | 8.2 | 19.7 |
| 7 20 | 17 44.13 | −30 10.3 | 1.534 | 2.458 | 12.5 | 19.9 |
| 7 30 | 17 37.23 | −29 54.2 | 1.586 | 2.434 | 16.3 | 20.1 |

**318169** 2004 $RZ_3$ 6 24.2 320°.19 1°.0/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.30 | −19 23.2 | 1.433 | 2.312 | 15.9 | 20.2 |
| 5 31 | 18 32.23 | −19 47.4 | 1.352 | 2.296 | 12.0 | 19.9 |
| 6 10 | 18 25.40 | −20 19.1 | 1.291 | 2.281 | 7.4 | 19.6 |
| 6 20 | 18 16.51 | −20 56.5 | 1.253 | 2.266 | 2.5 | 19.2 |
| 6 30 | 18 6.72 | −21 36.6 | 1.240 | 2.252 | 3.2 | 19.2 |
| 7 10 | 17 57.46 | −22 16.9 | 1.251 | 2.238 | 8.3 | 19.5 |
| 7 20 | 17 50.02 | −22 55.6 | 1.285 | 2.225 | 13.1 | 19.7 |
| 7 30 | 17 45.40 | −23 32.0 | 1.340 | 2.213 | 17.3 | 20.0 |

**516177** 2016 $PQ_{93}$ 6 24.2 196°.31 1°.0/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.16 | −26 32.0 | 3.188 | 4.033 | 8.9 | 22.9 |
| 5 31 | 18 30.62 | −26 48.8 | 3.102 | 4.030 | 6.6 | 22.8 |
| 6 10 | 18 23.70 | −27 4.3 | 3.042 | 4.026 | 4.1 | 22.6 |
| 6 20 | 18 15.86 | −27 17.1 | 3.010 | 4.022 | 1.5 | 22.4 |
| 6 30 | 18 7.71 | −27 26.3 | 3.008 | 4.017 | 2.0 | 22.4 |
| 7 10 | 17 59.89 | −27 31.5 | 3.035 | 4.012 | 4.6 | 22.6 |
| 7 20 | 17 52.98 | −27 32.9 | 3.089 | 4.007 | 7.1 | 22.8 |
| 7 30 | 17 47.49 | −27 31.5 | 3.169 | 4.001 | 9.4 | 22.9 |

**38247** 1999 $QE$ 6 24.2 46°.11 2°.3/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.33 | −17 35.5 | 1.161 | 2.045 | 18.4 | 18.1 |
| 5 31 | 18 34.42 | −17 45.7 | 1.115 | 2.061 | 13.8 | 17.9 |
| 6 10 | 18 26.54 | −18 4.7 | 1.088 | 2.078 | 8.6 | 17.7 |
| 6 20 | 18 16.76 | −18 30.7 | 1.083 | 2.095 | 3.4 | 17.4 |
| 6 30 | 18 6.56 | −19 1.3 | 1.102 | 2.113 | 3.9 | 17.5 |
| 7 10 | 17 57.51 | −19 34.2 | 1.144 | 2.131 | 8.9 | 17.8 |
| 7 20 | 17 50.81 | −20 7.7 | 1.208 | 2.150 | 13.6 | 18.2 |
| 7 30 | 17 47.24 | −20 40.7 | 1.292 | 2.169 | 17.5 | 18.5 |

**21299** 1996 $WC$ 6 24.2 198°.80 1°.8/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.87 | −28 1.3 | 2.420 | 3.268 | 11.3 | 20.0 |
| 5 31 | 18 34.54 | −28 23.1 | 2.336 | 3.264 | 8.5 | 19.8 |
| 6 10 | 18 26.27 | −28 42.7 | 2.276 | 3.260 | 5.3 | 19.6 |
| 6 20 | 18 16.67 | −28 57.5 | 2.244 | 3.254 | 2.3 | 19.4 |
| 6 30 | 18 6.60 | −29 5.7 | 2.240 | 3.248 | 2.8 | 19.4 |
| 7 10 | 17 57.00 | −29 7.1 | 2.265 | 3.242 | 6.0 | 19.6 |
| 7 20 | 17 48.71 | −29 2.5 | 2.317 | 3.235 | 9.2 | 19.8 |
| 7 30 | 17 42.41 | −28 53.6 | 2.393 | 3.227 | 12.0 | 20.0 |

**477650** 2010 $MR_{105}$ 6 24.2 213°.29 5°.3/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.60 | − 4 2.3 | 3.094 | 3.900 | 10.1 | 22.2 |
| 5 31 | 18 28.66 | − 3 28.4 | 3.009 | 3.893 | 8.3 | 22.0 |
| 6 10 | 18 22.49 | − 3 3.4 | 2.947 | 3.885 | 6.6 | 21.9 |
| 6 20 | 18 15.51 | − 2 48.8 | 2.912 | 3.877 | 5.4 | 21.8 |
| 6 30 | 18 8.24 | − 2 45.5 | 2.904 | 3.868 | 5.5 | 21.8 |
| 7 10 | 18 1.26 | − 2 53.6 | 2.924 | 3.859 | 6.8 | 21.9 |
| 7 20 | 17 55.09 | − 3 12.2 | 2.969 | 3.849 | 8.6 | 22.0 |
| 7 30 | 17 50.16 | − 3 39.8 | 3.039 | 3.839 | 10.5 | 22.1 |

**309824** 2009 $BQ_{147}$ 6 24.2 107°.49 1°.8/24.3 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.02 | −19 11.4 | 1.550 | 2.413 | 15.7 | 22.2 |
| 5 31 | 18 36.55 | −19 6.1 | 1.495 | 2.431 | 11.7 | 22.0 |
| 6 10 | 18 27.59 | −19 5.1 | 1.462 | 2.448 | 7.2 | 21.8 |
| 6 20 | 18 17.06 | −19 7.3 | 1.453 | 2.465 | 2.8 | 21.6 |
| 6 30 | 18 6.20 | −19 11.9 | 1.471 | 2.482 | 3.3 | 21.6 |
| 7 10 | 17 56.30 | −19 18.6 | 1.515 | 2.498 | 7.7 | 21.9 |
| 7 20 | 17 48.40 | −19 27.2 | 1.584 | 2.513 | 11.8 | 22.2 |
| 7 30 | 17 43.18 | −19 38.1 | 1.673 | 2.528 | 15.3 | 22.5 |

**335180** 2005 $BT_4$ 6 24.2 239°.49 3°.1/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.90 | −32 34.0 | 2.181 | 3.029 | 12.3 | 21.0 |
| 5 31 | 18 35.60 | −32 41.5 | 2.091 | 3.016 | 9.5 | 20.8 |
| 6 10 | 18 27.04 | −32 42.4 | 2.025 | 3.003 | 6.3 | 20.6 |
| 6 20 | 18 16.93 | −32 33.9 | 1.984 | 2.990 | 3.5 | 20.4 |
| 6 30 | 18 6.27 | −32 14.4 | 1.972 | 2.976 | 3.8 | 20.4 |
| 7 10 | 17 56.19 | −31 44.4 | 1.987 | 2.961 | 6.9 | 20.6 |
| 7 20 | 17 47.66 | −31 6.5 | 2.029 | 2.947 | 10.2 | 20.7 |
| 7 30 | 17 41.44 | −30 24.3 | 2.093 | 2.931 | 13.3 | 20.9 |

**307573** 2003 $FW_{105}$ 6 24.2 50°.94 1°.7/24.4 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.40 | −18 9.9 | 1.511 | 2.382 | 15.6 | 20.1 |
| 5 31 | 18 33.31 | −18 25.8 | 1.452 | 2.392 | 11.7 | 19.9 |
| 6 10 | 18 25.75 | −18 48.4 | 1.414 | 2.402 | 7.3 | 19.7 |
| 6 20 | 18 16.55 | −19 16.1 | 1.400 | 2.412 | 2.7 | 19.4 |
| 6 30 | 18 6.88 | −19 46.8 | 1.412 | 2.423 | 3.2 | 19.5 |
| 7 10 | 17 58.02 | −20 18.6 | 1.449 | 2.434 | 7.7 | 19.8 |
| 7 20 | 17 51.03 | −20 50.1 | 1.510 | 2.445 | 11.9 | 20.1 |
| 7 30 | 17 46.64 | −21 20.9 | 1.592 | 2.456 | 15.5 | 20.3 |

**180488** 2004 $CK_{76}$ 6 24.2 49°.67 1°.1/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.53 | −21 18.3 | 1.348 | 2.227 | 16.7 | 20.1 |
| 5 31 | 18 34.33 | −21 9.6 | 1.294 | 2.239 | 12.4 | 19.8 |
| 6 10 | 18 26.41 | −21 3.6 | 1.260 | 2.251 | 7.6 | 19.6 |
| 6 20 | 18 16.75 | −20 59.3 | 1.250 | 2.264 | 2.5 | 19.3 |
| 6 30 | 18 6.67 | −20 55.9 | 1.265 | 2.277 | 3.2 | 19.4 |
| 7 10 | 17 57.63 | −20 53.7 | 1.304 | 2.290 | 8.2 | 19.7 |
| 7 20 | 17 50.72 | −20 53.0 | 1.366 | 2.304 | 12.6 | 20.0 |
| 7 30 | 17 46.69 | −20 54.7 | 1.448 | 2.318 | 16.4 | 20.3 |

**234082** 1999 $TF_{70}$ 6 24.2 298°.33 0°.2/24.2 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.66 | −22 50.2 | 1.717 | 2.587 | 14.1 | 20.8 |
| 5 31 | 18 32.81 | −22 51.1 | 1.633 | 2.574 | 10.6 | 20.6 |
| 6 10 | 18 25.53 | −22 53.1 | 1.572 | 2.561 | 6.5 | 20.3 |
| 6 20 | 18 16.53 | −22 54.8 | 1.535 | 2.548 | 2.0 | 20.0 |
| 6 30 | 18 6.87 | −22 55.1 | 1.524 | 2.536 | 2.7 | 20.0 |
| 7 10 | 17 57.76 | −22 53.8 | 1.539 | 2.524 | 7.3 | 20.3 |
| 7 20 | 17 50.28 | −22 51.5 | 1.578 | 2.511 | 11.6 | 20.5 |
| 7 30 | 17 45.27 | −22 49.4 | 1.638 | 2.499 | 15.3 | 20.7 |

**254380** 2004 $TO_{153}$ 6 24.2 247°.55 1°.8/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.87 | −17 52.3 | 2.587 | 3.437 | 10.6 | 21.1 |
| 5 31 | 18 29.90 | −17 42.7 | 2.499 | 3.428 | 8.0 | 20.9 |
| 6 10 | 18 23.38 | −17 36.2 | 2.436 | 3.419 | 5.1 | 20.7 |
| 6 20 | 18 15.82 | −17 32.8 | 2.399 | 3.409 | 2.3 | 20.5 |
| 6 30 | 18 7.89 | −17 32.3 | 2.391 | 3.400 | 2.6 | 20.5 |
| 7 10 | 18 0.32 | −17 34.6 | 2.411 | 3.390 | 5.5 | 20.7 |
| 7 20 | 17 53.78 | −17 39.7 | 2.458 | 3.380 | 8.5 | 20.9 |
| 7 30 | 17 48.81 | −17 47.5 | 2.528 | 3.370 | 11.2 | 21.0 |

**512689** 2016 $UK_{1}$ 6 24.2 264°.91 8°.3/23.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.24 | −46 11.5 | 2.266 | 3.078 | 13.1 | 21.7 |
| 5 31 | 18 37.88 | −47 17.5 | 2.187 | 3.068 | 11.1 | 21.5 |
| 6 10 | 18 28.72 | −48 11.0 | 2.131 | 3.057 | 9.3 | 21.4 |
| 6 20 | 18 17.52 | −48 45.7 | 2.098 | 3.046 | 8.3 | 21.3 |
| 6 30 | 18 5.51 | −48 57.4 | 2.091 | 3.035 | 8.6 | 21.3 |
| 7 10 | 17 54.15 | −48 45.4 | 2.108 | 3.023 | 10.1 | 21.4 |
| 7 20 | 17 44.68 | −48 12.6 | 2.149 | 3.012 | 12.1 | 21.5 |
| 7 30 | 17 38.07 | −47 24.4 | 2.210 | 3.001 | 14.2 | 21.6 |

**468808** 2012 $KU_{25}$ 6 24.2 334°.88 0°.9/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.79 | −20 30.1 | 1.171 | 2.066 | 17.5 | 20.4 |
| 5 31 | 18 30.85 | −20 42.7 | 1.095 | 2.048 | 13.3 | 20.1 |
| 6 10 | 18 24.80 | −21 1.8 | 1.038 | 2.032 | 8.2 | 19.8 |
| 6 20 | 18 16.41 | −21 25.7 | 1.002 | 2.016 | 2.7 | 19.4 |
| 6 30 | 18 7.02 | −21 52.2 | 0.989 | 2.002 | 3.5 | 19.4 |
| 7 10 | 17 58.28 | −22 19.1 | 0.998 | 1.989 | 9.3 | 19.7 |
| 7 20 | 17 51.68 | −22 45.2 | 1.028 | 1.978 | 14.6 | 20.0 |
| 7 30 | 17 48.33 | −23 10.2 | 1.076 | 1.967 | 19.2 | 20.2 |

**100977** 1998 $QJ_{26}$ 6 24.2 340°.46 11°.5/25.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 30.58 | − 3 5.4 | 1.086 | 1.957 | 20.4 | 18.4 |
| 5 31 | 18 28.33 | − 2 5.9 | 1.018 | 1.941 | 17.2 | 18.2 |
| 6 10 | 18 23.19 | − 1 29.0 | 0.966 | 1.925 | 14.0 | 17.9 |
| 6 20 | 18 15.91 | − 1 21.7 | 0.933 | 1.911 | 11.8 | 17.8 |
| 6 30 | 18 7.74 | − 1 48.2 | 0.919 | 1.899 | 11.8 | 17.7 |
| 7 10 | 18 0.22 | − 2 47.5 | 0.925 | 1.888 | 14.2 | 17.8 |
| 7 20 | 17 54.69 | − 4 13.9 | 0.950 | 1.879 | 17.7 | 18.0 |
| 7 30 | 17 52.20 | − 5 59.1 | 0.991 | 1.872 | 21.4 | 18.2 |

**188552** 2004 $TB_{14}$ 6 24.2 194°.33 4°.4/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.79 | − 8 33.0 | 2.675 | 3.504 | 10.9 | 20.5 |
| 5 31 | 18 28.97 | − 8 12.0 | 2.597 | 3.503 | 8.6 | 20.4 |
| 6 10 | 18 22.76 | − 7 59.3 | 2.542 | 3.502 | 6.3 | 20.2 |
| 6 20 | 18 15.64 | − 7 55.8 | 2.513 | 3.500 | 4.7 | 20.1 |
| 6 30 | 18 8.21 | − 8 2.0 | 2.512 | 3.499 | 4.8 | 20.1 |
| 7 10 | 18 1.16 | − 8 17.6 | 2.539 | 3.497 | 6.5 | 20.2 |
| 7 20 | 17 55.05 | − 8 41.4 | 2.591 | 3.495 | 8.9 | 20.4 |
| 7 30 | 17 50.40 | − 9 12.1 | 2.667 | 3.493 | 11.1 | 20.5 |

**13283** Dahart 6 24.2 337°.85 0°.2/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.81 | −23 34.8 | 1.144 | 2.040 | 17.7 | 17.2 |
| 5 31 | 18 31.65 | −23 36.4 | 1.072 | 2.026 | 13.4 | 16.9 |
| 6 10 | 18 25.29 | −23 39.2 | 1.019 | 2.013 | 8.2 | 16.5 |
| 6 20 | 18 16.56 | −23 41.4 | 0.987 | 2.001 | 2.5 | 16.2 |
| 6 30 | 18 6.89 | −23 41.3 | 0.977 | 1.990 | 3.5 | 16.2 |
| 7 10 | 17 58.03 | −23 38.7 | 0.990 | 1.981 | 9.3 | 16.5 |
| 7 20 | 17 51.45 | −23 34.5 | 1.023 | 1.972 | 14.7 | 16.7 |
| 7 30 | 17 48.23 | −23 30.5 | 1.075 | 1.966 | 19.3 | 17.0 |

**442128** 2010 $UY_{26}$ 6 24.2 265°.84 1°.4/24.1 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 37.26 | −27 16.9 | 2.672 | 3.523 | 10.3 | 22.2 |
| 5 31 | 18 31.85 | −27 37.0 | 2.570 | 3.500 | 7.7 | 22.0 |
| 6 10 | 18 24.69 | −27 55.8 | 2.493 | 3.478 | 4.8 | 21.8 |
| 6 20 | 18 16.27 | −28 11.3 | 2.444 | 3.455 | 2.0 | 21.6 |
| 6 30 | 18 7.32 | −28 22.0 | 2.422 | 3.431 | 2.5 | 21.6 |
| 7 10 | 17 58.65 | −28 27.1 | 2.430 | 3.408 | 5.5 | 21.7 |
| 7 20 | 17 51.03 | −28 27.2 | 2.464 | 3.384 | 8.6 | 21.9 |
| 7 30 | 17 45.12 | −28 23.4 | 2.523 | 3.359 | 11.3 | 22.0 |

**99237** 2001 $KD_{33}$ 6 24.2 66°.78 0°.2/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.38 | −23 51.2 | 1.784 | 2.650 | 13.9 | 19.1 |
| 5 31 | 18 33.64 | −23 36.5 | 1.727 | 2.665 | 10.3 | 18.9 |
| 6 10 | 18 25.76 | −23 21.1 | 1.692 | 2.681 | 6.2 | 18.7 |
| 6 20 | 18 16.55 | −23 4.2 | 1.683 | 2.697 | 1.9 | 18.4 |
| 6 30 | 18 7.08 | −22 45.7 | 1.701 | 2.713 | 2.5 | 18.5 |
| 7 10 | 17 58.45 | −22 26.5 | 1.745 | 2.729 | 6.7 | 18.8 |
| 7 20 | 17 51.55 | −22 8.1 | 1.814 | 2.745 | 10.5 | 19.1 |
| 7 30 | 17 46.98 | −21 51.8 | 1.906 | 2.761 | 13.7 | 19.3 |

**184866** 2005 $UC_{97}$ 6 24.2 0°.37 2°.7/23.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.52 | −28 53.4 | 2.083 | 2.943 | 12.4 | 19.9 |
| 5 31 | 18 32.40 | −29 41.0 | 2.009 | 2.943 | 9.3 | 19.7 |
| 6 10 | 18 25.15 | −30 26.9 | 1.959 | 2.942 | 6.0 | 19.5 |
| 6 20 | 18 16.42 | −31 7.6 | 1.934 | 2.942 | 3.1 | 19.3 |
| 6 30 | 18 7.15 | −31 39.8 | 1.937 | 2.942 | 3.7 | 19.3 |
| 7 10 | 17 58.41 | −32 2.3 | 1.967 | 2.943 | 6.8 | 19.5 |
| 7 20 | 17 51.11 | −32 15.5 | 2.023 | 2.943 | 10.1 | 19.7 |
| 7 30 | 17 46.01 | −32 20.9 | 2.100 | 2.944 | 13.0 | 19.9 |

**514415** 2016 $TE_{88}$ 6 24.2 247°.91 3°.6/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.11 | −13 9.7 | 2.411 | 3.256 | 11.4 | 22.3 |
| 5 31 | 18 30.14 | −12 40.7 | 2.327 | 3.248 | 8.9 | 22.1 |
| 6 10 | 18 23.56 | −12 17.3 | 2.266 | 3.239 | 6.1 | 21.9 |
| 6 20 | 18 15.91 | −12 0.5 | 2.231 | 3.231 | 3.9 | 21.7 |
| 6 30 | 18 7.88 | −11 51.1 | 2.224 | 3.222 | 4.1 | 21.8 |
| 7 10 | 18 0.24 | −11 49.3 | 2.244 | 3.213 | 6.6 | 21.9 |
| 7 20 | 17 53.68 | −11 54.9 | 2.291 | 3.204 | 9.4 | 22.1 |
| 7 30 | 17 48.77 | −12 7.0 | 2.360 | 3.195 | 12.1 | 22.2 |

**213472** 2002 $EJ_{95}$ 6 24.2 176°.73 3°.1/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.69 | −15 9.9 | 1.853 | 2.702 | 14.1 | 21.8 |
| 5 31 | 18 35.42 | −15 2.5 | 1.778 | 2.705 | 10.8 | 21.6 |
| 6 10 | 18 26.93 | −15 2.0 | 1.727 | 2.707 | 7.0 | 21.4 |
| 6 20 | 18 16.94 | −15 8.3 | 1.701 | 2.708 | 3.7 | 21.2 |
| 6 30 | 18 6.47 | −15 20.8 | 1.703 | 2.709 | 3.9 | 21.2 |
| 7 10 | 17 56.61 | −15 38.9 | 1.732 | 2.708 | 7.5 | 21.4 |
| 7 20 | 17 48.33 | −16 1.5 | 1.786 | 2.707 | 11.2 | 21.6 |
| 7 30 | 17 42.34 | −16 27.8 | 1.862 | 2.706 | 14.5 | 21.8 |

**354336** 2003 $BW_{45}$ 6 24.2 199°.76 2°.4/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.86 | −15 43.3 | 2.206 | 3.058 | 12.1 | 21.4 |
| 5 31 | 18 30.83 | −15 42.9 | 2.129 | 3.058 | 9.2 | 21.2 |
| 6 10 | 18 24.04 | −15 48.2 | 2.076 | 3.057 | 5.9 | 21.0 |
| 6 20 | 18 16.06 | −15 59.2 | 2.048 | 3.056 | 3.0 | 20.8 |
| 6 30 | 18 7.69 | −16 15.2 | 2.049 | 3.055 | 3.2 | 20.8 |
| 7 10 | 17 59.78 | −16 35.4 | 2.076 | 3.055 | 6.3 | 21.0 |
| 7 20 | 17 53.09 | −16 58.9 | 2.130 | 3.054 | 9.5 | 21.2 |
| 7 30 | 17 48.23 | −17 24.9 | 2.206 | 3.053 | 12.4 | 21.4 |

**157203** 2004 $RW_{15}$ 6 24.2 350°.58 0°.3/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.17 | −22 42.2 | 1.424 | 2.304 | 15.8 | 19.7 |
| 5 31 | 18 32.80 | −23 4.0 | 1.354 | 2.300 | 11.9 | 19.5 |
| 6 10 | 18 25.68 | −23 28.9 | 1.306 | 2.297 | 7.2 | 19.2 |
| 6 20 | 18 16.63 | −23 54.3 | 1.280 | 2.294 | 2.2 | 18.9 |
| 6 30 | 18 6.89 | −24 17.6 | 1.280 | 2.292 | 3.0 | 18.9 |
| 7 10 | 17 57.89 | −24 37.2 | 1.304 | 2.291 | 8.1 | 19.2 |
| 7 20 | 17 50.84 | −24 53.0 | 1.351 | 2.290 | 12.7 | 19.5 |
| 7 30 | 17 46.64 | −25 5.8 | 1.418 | 2.290 | 16.6 | 19.7 |

**379365** 2009 $WC_{211}$ 6 24.2 269°.69 1°.3/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.49 | −19 54.5 | 1.705 | 2.571 | 14.4 | 21.2 |
| 5 31 | 18 33.34 | −19 54.6 | 1.628 | 2.566 | 10.8 | 21.0 |
| 6 10 | 18 25.82 | −19 58.4 | 1.573 | 2.561 | 6.7 | 20.7 |
| 6 20 | 18 16.65 | −20 5.0 | 1.543 | 2.555 | 2.4 | 20.4 |
| 6 30 | 18 6.89 | −20 13.4 | 1.539 | 2.550 | 3.0 | 20.5 |
| 7 10 | 17 57.73 | −20 23.0 | 1.561 | 2.545 | 7.4 | 20.7 |
| 7 20 | 17 50.22 | −20 33.7 | 1.607 | 2.539 | 11.5 | 21.0 |
| 7 30 | 17 45.16 | −20 45.7 | 1.675 | 2.534 | 15.1 | 21.2 |

**36967** 2000 $SV_{292}$ 6 24.2 261°.70 3°.0/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.92 | −32 29.6 | 2.311 | 3.162 | 11.7 | 18.9 |
| 5 31 | 18 33.27 | −32 39.6 | 2.226 | 3.152 | 8.9 | 18.7 |
| 6 10 | 18 25.59 | −32 43.7 | 2.164 | 3.143 | 5.9 | 18.5 |
| 6 20 | 18 16.55 | −32 39.4 | 2.128 | 3.133 | 3.3 | 18.3 |
| 6 30 | 18 7.04 | −32 25.4 | 2.120 | 3.123 | 3.7 | 18.4 |
| 7 10 | 17 58.07 | −32 1.9 | 2.139 | 3.113 | 6.5 | 18.5 |
| 7 20 | 17 50.51 | −31 31.1 | 2.184 | 3.103 | 9.6 | 18.7 |
| 7 30 | 17 45.04 | −30 55.7 | 2.253 | 3.093 | 12.4 | 18.9 |

**95829** 2003 $FJ_{91}$ 6 24.2 52°.88 2°.7/24.3 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 42.71 | −28 58.4 | 1.197 | 2.079 | 18.1 | 19.2 |
| 5 31 | 18 37.22 | −29 6.8 | 1.143 | 2.089 | 13.6 | 19.0 |
| 6 10 | 18 28.42 | −29 9.6 | 1.109 | 2.098 | 8.5 | 18.7 |
| 6 20 | 18 17.44 | −29 3.0 | 1.097 | 2.109 | 3.6 | 18.5 |
| 6 30 | 18 5.96 | −28 45.4 | 1.109 | 2.119 | 4.2 | 18.5 |
| 7 10 | 17 55.76 | −28 18.3 | 1.144 | 2.130 | 9.1 | 18.8 |
| 7 20 | 17 48.19 | −27 45.4 | 1.202 | 2.141 | 13.9 | 19.1 |
| 7 30 | 17 44.09 | −27 11.3 | 1.278 | 2.152 | 17.9 | 19.4 |

**382408** 1996 $TJ_{45}$ 6 24.2 207°.09 0°.8/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.41 | −20 22.0 | 2.182 | 3.034 | 12.2 | 21.7 |
| 5 31 | 18 33.58 | −20 32.1 | 2.098 | 3.029 | 9.1 | 21.5 |
| 6 10 | 18 25.78 | −20 45.1 | 2.038 | 3.024 | 5.6 | 21.3 |
| 6 20 | 18 16.63 | −20 59.7 | 2.005 | 3.018 | 1.9 | 21.0 |
| 6 30 | 18 6.96 | −21 14.7 | 1.999 | 3.011 | 2.4 | 21.1 |
| 7 10 | 17 57.76 | −21 29.3 | 2.022 | 3.004 | 6.2 | 21.3 |
| 7 20 | 17 49.88 | −21 43.4 | 2.072 | 2.996 | 9.7 | 21.5 |
| 7 30 | 17 44.00 | −21 57.1 | 2.144 | 2.988 | 12.8 | 21.7 |

**20069** 1993 $TD_{37}$ 6 24.2 256°.56 3°.6/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.39 | −12 17.3 | 2.381 | 3.226 | 11.6 | 18.9 |
| 5 31 | 18 29.62 | −12 4.5 | 2.303 | 3.223 | 9.0 | 18.8 |
| 6 10 | 18 23.26 | −11 58.9 | 2.247 | 3.220 | 6.2 | 18.6 |
| 6 20 | 18 15.84 | −12 1.0 | 2.218 | 3.218 | 3.9 | 18.4 |
| 6 30 | 18 8.07 | −12 10.9 | 2.216 | 3.215 | 4.1 | 18.4 |
| 7 10 | 18 0.70 | −12 28.1 | 2.241 | 3.212 | 6.4 | 18.6 |
| 7 20 | 17 54.42 | −12 51.5 | 2.292 | 3.209 | 9.3 | 18.8 |
| 7 30 | 17 49.78 | −13 20.0 | 2.367 | 3.206 | 11.9 | 18.9 |

**508161** 2015 $FS_{168}$ 6 24.2 210°.94 11°.9/22.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 52.18 | −52 51.9 | 1.936 | 2.724 | 15.9 | 21.3 |
| 5 31 | 18 44.91 | −54 32.2 | 1.874 | 2.722 | 14.1 | 21.1 |
| 6 10 | 18 33.57 | −55 54.1 | 1.832 | 2.719 | 12.7 | 21.0 |
| 6 20 | 18 19.14 | −56 48.1 | 1.812 | 2.717 | 12.0 | 21.0 |
| 6 30 | 18 3.48 | −57 7.7 | 1.814 | 2.714 | 12.2 | 21.0 |
| 7 10 | 17 48.85 | −56 52.3 | 1.838 | 2.711 | 13.4 | 21.1 |
| 7 20 | 17 37.18 | −56 7.1 | 1.883 | 2.707 | 15.1 | 21.2 |
| 7 30 | 17 29.69 | −55 0.6 | 1.946 | 2.704 | 16.9 | 21.3 |

**130922** 2000 $WK_{15}$ 6 24.2 234°.30 0°.9/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.61 | −25 58.4 | 2.327 | 3.178 | 11.6 | 21.5 |
| 5 31 | 18 34.50 | −26 5.9 | 2.232 | 3.163 | 8.7 | 21.2 |
| 6 10 | 18 26.37 | −26 11.8 | 2.162 | 3.147 | 5.4 | 21.0 |
| 6 20 | 18 16.82 | −26 14.4 | 2.118 | 3.131 | 1.8 | 20.7 |
| 6 30 | 18 6.71 | −26 12.4 | 2.103 | 3.114 | 2.4 | 20.7 |
| 7 10 | 17 57.01 | −26 5.6 | 2.116 | 3.096 | 6.1 | 21.0 |
| 7 20 | 17 48.61 | −25 55.0 | 2.156 | 3.078 | 9.5 | 21.1 |
| 7 30 | 17 42.21 | −25 42.4 | 2.220 | 3.059 | 12.6 | 21.3 |

**170084** 2002 $WZ_{16}$ 6 24.2 143°.65 5°.0/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.03 | − 8 29.1 | 2.457 | 3.286 | 11.7 | 20.4 |
| 5 31 | 18 30.67 | − 7 52.8 | 2.388 | 3.294 | 9.3 | 20.2 |
| 6 10 | 18 23.81 | − 7 25.1 | 2.343 | 3.301 | 6.9 | 20.1 |
| 6 20 | 18 15.99 | − 7 7.3 | 2.324 | 3.309 | 5.2 | 20.0 |
| 6 30 | 18 7.92 | − 7 0.6 | 2.332 | 3.315 | 5.3 | 20.0 |
| 7 10 | 18 0.31 | − 7 4.7 | 2.367 | 3.322 | 7.2 | 20.1 |
| 7 20 | 17 53.80 | − 7 18.7 | 2.429 | 3.328 | 9.5 | 20.3 |
| 7 30 | 17 48.90 | − 7 41.2 | 2.513 | 3.334 | 11.8 | 20.4 |

**66257** 1999 $GA_{34}$ 6 24.2 319°.34 4°.5/23.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.40 | −29 4.4 | 1.182 | 2.071 | 17.8 | 17.5 |
| 5 31 | 18 34.71 | −30 6.2 | 1.105 | 2.054 | 13.7 | 17.2 |
| 6 10 | 18 27.42 | −31 8.5 | 1.048 | 2.037 | 9.0 | 16.9 |
| 6 20 | 18 17.33 | −32 4.4 | 1.012 | 2.020 | 5.0 | 16.6 |
| 6 30 | 18 5.92 | −32 46.7 | 0.998 | 2.004 | 5.9 | 16.6 |
| 7 10 | 17 55.17 | −33 11.9 | 1.007 | 1.989 | 10.7 | 16.8 |
| 7 20 | 17 46.87 | −33 20.4 | 1.037 | 1.975 | 15.7 | 17.0 |
| 7 30 | 17 42.33 | −33 16.3 | 1.084 | 1.962 | 20.2 | 17.2 |

**179549** 2002 $CH_{296}$ 6 24.2 36°.60 1°.9/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.32 | −17 37.8 | 1.964 | 2.826 | 12.9 | 20.1 |
| 5 31 | 18 30.57 | −17 39.9 | 1.899 | 2.834 | 9.7 | 19.9 |
| 6 10 | 18 23.92 | −17 47.0 | 1.858 | 2.843 | 6.1 | 19.7 |
| 6 20 | 18 16.06 | −17 58.7 | 1.841 | 2.852 | 2.6 | 19.5 |
| 6 30 | 18 7.84 | −18 14.0 | 1.852 | 2.861 | 3.0 | 19.5 |
| 7 10 | 18 0.22 | −18 32.2 | 1.889 | 2.871 | 6.5 | 19.8 |
| 7 20 | 17 53.99 | −18 52.3 | 1.951 | 2.881 | 9.9 | 20.0 |
| 7 30 | 17 49.76 | −19 14.0 | 2.036 | 2.891 | 12.9 | 20.2 |

**233214** 2005 $XT_{110}$ 6 24.2 271°.26 1°.2/24.2 17 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.35 | −25 56.0 | 1.863 | 2.727 | 13.5 | 21.1 |
| 5 31 | 18 34.02 | −26 8.6 | 1.775 | 2.712 | 10.1 | 20.9 |
| 6 10 | 18 26.29 | −26 20.2 | 1.710 | 2.698 | 6.3 | 20.6 |
| 6 20 | 18 16.85 | −26 28.4 | 1.670 | 2.683 | 2.2 | 20.3 |
| 6 30 | 18 6.71 | −26 31.5 | 1.656 | 2.668 | 2.9 | 20.3 |
| 7 10 | 17 57.08 | −26 29.0 | 1.670 | 2.652 | 7.1 | 20.6 |
| 7 20 | 17 49.03 | −26 21.8 | 1.708 | 2.637 | 11.1 | 20.8 |
| 7 30 | 17 43.40 | −26 12.1 | 1.768 | 2.622 | 14.7 | 21.0 |

**65923** 1998 $FW_{47}$ 6 24.2 174°.45 1°.6/24.3 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 42.27 | −19 35.3 | 1.929 | 2.782 | 13.5 | 20.4 |
| 5 31 | 18 35.80 | −19 24.8 | 1.854 | 2.785 | 10.1 | 20.2 |
| 6 10 | 18 27.16 | −19 16.8 | 1.803 | 2.788 | 6.3 | 20.0 |
| 6 20 | 18 17.07 | −19 10.9 | 1.778 | 2.790 | 2.4 | 19.7 |
| 6 30 | 18 6.52 | −19 6.7 | 1.781 | 2.791 | 2.9 | 19.8 |
| 7 10 | 17 56.63 | −19 4.3 | 1.811 | 2.791 | 6.9 | 20.0 |
| 7 20 | 17 48.33 | −19 4.1 | 1.867 | 2.791 | 10.7 | 20.3 |
| 7 30 | 17 42.30 | −19 6.5 | 1.946 | 2.790 | 13.9 | 20.5 |

**168356** 1996 $AF_{15}$ 6 24.2 279°.52 3°.3/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.54 | −31 52.3 | 1.881 | 2.740 | 13.6 | 20.3 |
| 5 31 | 18 34.99 | −32 6.7 | 1.793 | 2.724 | 10.4 | 20.1 |
| 6 10 | 18 26.91 | −32 15.0 | 1.727 | 2.709 | 6.9 | 19.9 |
| 6 20 | 18 17.05 | −32 13.9 | 1.687 | 2.693 | 3.8 | 19.6 |
| 6 30 | 18 6.49 | −32 1.2 | 1.673 | 2.678 | 4.2 | 19.6 |
| 7 10 | 17 56.53 | −31 37.2 | 1.685 | 2.662 | 7.6 | 19.8 |
| 7 20 | 17 48.28 | −31 4.3 | 1.722 | 2.646 | 11.4 | 20.0 |
| 7 30 | 17 42.61 | −30 26.2 | 1.781 | 2.630 | 14.8 | 20.2 |

**133177** 2003 $QB_{48}$ 6 24.2 267°.75 8°.2/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.90 | − 3 2.2 | 1.903 | 2.727 | 14.8 | 19.9 |
| 5 31 | 18 31.10 | − 2 9.4 | 1.826 | 2.720 | 12.3 | 19.7 |
| 6 10 | 18 24.34 | − 1 30.7 | 1.771 | 2.713 | 10.0 | 19.6 |
| 6 20 | 18 16.23 | − 1 9.6 | 1.740 | 2.705 | 8.4 | 19.4 |
| 6 30 | 18 7.64 | − 1 8.4 | 1.733 | 2.697 | 8.5 | 19.4 |
| 7 10 | 17 59.52 | − 1 27.0 | 1.750 | 2.690 | 10.3 | 19.5 |
| 7 20 | 17 52.72 | − 2 3.4 | 1.791 | 2.682 | 12.8 | 19.7 |
| 7 30 | 17 47.93 | − 2 54.0 | 1.853 | 2.674 | 15.4 | 19.8 |

**327810** 2006 $VG_{50}$ 6 24.2 322°.94 3°.6/23.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.25 | −28 9.6 | 1.351 | 2.232 | 16.5 | 20.0 |
| 5 31 | 18 34.84 | −29 6.9 | 1.277 | 2.222 | 12.6 | 19.7 |
| 6 10 | 18 27.23 | −30 4.6 | 1.224 | 2.212 | 8.1 | 19.4 |
| 6 20 | 18 17.23 | −30 56.7 | 1.193 | 2.202 | 4.1 | 19.2 |
| 6 30 | 18 6.22 | −31 37.6 | 1.186 | 2.193 | 5.0 | 19.2 |
| 7 10 | 17 55.90 | −32 4.3 | 1.204 | 2.185 | 9.4 | 19.4 |
| 7 20 | 17 47.78 | −32 17.4 | 1.243 | 2.177 | 14.0 | 19.7 |
| 7 30 | 17 42.95 | −32 19.8 | 1.302 | 2.170 | 18.1 | 19.9 |

**164752** 1998 $UR_{17}$ 6 24.2 240°.62 3°.5/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.73 | −14 53.1 | 2.208 | 3.055 | 12.2 | 20.4 |
| 5 31 | 18 32.26 | −14 11.8 | 2.120 | 3.044 | 9.4 | 20.2 |
| 6 10 | 18 24.96 | −13 34.3 | 2.057 | 3.033 | 6.4 | 20.0 |
| 6 20 | 18 16.41 | −13 2.2 | 2.019 | 3.021 | 3.9 | 19.8 |
| 6 30 | 18 7.42 | −12 36.8 | 2.009 | 3.010 | 4.2 | 19.8 |
| 7 10 | 17 58.87 | −12 19.0 | 2.027 | 2.997 | 7.1 | 19.9 |
| 7 20 | 17 51.55 | −12 9.3 | 2.070 | 2.985 | 10.2 | 20.1 |
| 7 30 | 17 46.09 | −12 7.3 | 2.137 | 2.972 | 13.2 | 20.3 |

**50010** 2000 $AP_{27}$ 6 24.2 29°.83 2°.3/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.08 | −28 6.2 | 1.824 | 2.689 | 13.6 | 19.1 |
| 5 31 | 18 33.75 | −28 33.7 | 1.753 | 2.690 | 10.3 | 18.9 |
| 6 10 | 18 26.06 | −28 58.9 | 1.705 | 2.692 | 6.5 | 18.7 |
| 6 20 | 18 16.76 | −29 18.6 | 1.683 | 2.693 | 2.9 | 18.5 |
| 6 30 | 18 6.95 | −29 30.4 | 1.686 | 2.695 | 3.4 | 18.5 |
| 7 10 | 17 57.80 | −29 33.6 | 1.717 | 2.697 | 7.2 | 18.8 |
| 7 20 | 17 50.36 | −29 29.6 | 1.771 | 2.699 | 10.9 | 19.0 |
| 7 30 | 17 45.37 | −29 20.6 | 1.848 | 2.701 | 14.2 | 19.2 |

**227346** 2005 $UA_{67}$ 6 24.2 174°.64 4°.5/24.0 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.37 | −11 26.6 | 2.335 | 3.168 | 12.1 | 21.9 |
| 5 31 | 18 33.24 | −10 40.7 | 2.259 | 3.172 | 9.5 | 21.7 |
| 6 10 | 18 25.43 | −10 1.1 | 2.208 | 3.174 | 6.7 | 21.5 |
| 6 20 | 18 16.52 | − 9 29.4 | 2.183 | 3.176 | 4.7 | 21.4 |
| 6 30 | 18 7.30 | − 9 7.1 | 2.187 | 3.177 | 5.0 | 21.4 |
| 7 10 | 17 58.59 | − 8 54.8 | 2.218 | 3.178 | 7.2 | 21.6 |
| 7 20 | 17 51.10 | − 8 52.2 | 2.276 | 3.178 | 10.0 | 21.7 |
| 7 30 | 17 45.39 | − 8 58.5 | 2.356 | 3.177 | 12.5 | 21.9 |

**284988** 2010 $JV_{35}$ 6 24.2 224°.30 1°.9/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.46 | −18 20.1 | 2.060 | 2.916 | 12.6 | 21.3 |
| 5 31 | 18 32.19 | −18 9.3 | 1.980 | 2.913 | 9.5 | 21.1 |
| 6 10 | 18 24.96 | −18 2.0 | 1.924 | 2.909 | 6.0 | 20.9 |
| 6 20 | 18 16.42 | −17 58.1 | 1.894 | 2.905 | 2.6 | 20.7 |
| 6 30 | 18 7.43 | −17 57.5 | 1.891 | 2.900 | 3.0 | 20.7 |
| 7 10 | 17 58.96 | −18 0.0 | 1.915 | 2.896 | 6.5 | 20.9 |
| 7 20 | 17 51.83 | −18 5.6 | 1.965 | 2.891 | 10.1 | 21.1 |
| 7 30 | 17 46.71 | −18 14.2 | 2.038 | 2.887 | 13.2 | 21.3 |

**132766** 2002 $PN_{84}$ 6 24.2 354°.86 7°.1/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.51 | −36 52.8 | 1.234 | 2.117 | 17.6 | 18.9 |
| 5 31 | 18 32.33 | −37 35.1 | 1.170 | 2.109 | 14.0 | 18.7 |
| 6 10 | 18 25.76 | −38 5.4 | 1.125 | 2.103 | 10.2 | 18.4 |
| 6 20 | 18 16.77 | −38 17.2 | 1.101 | 2.098 | 7.5 | 18.3 |
| 6 30 | 18 6.97 | −38 6.2 | 1.099 | 2.095 | 7.8 | 18.3 |
| 7 10 | 17 58.22 | −37 33.1 | 1.119 | 2.093 | 10.9 | 18.4 |
| 7 20 | 17 52.03 | −36 42.7 | 1.160 | 2.094 | 14.8 | 18.7 |
| 7 30 | 17 49.35 | −35 41.9 | 1.219 | 2.095 | 18.5 | 18.9 |

**207233** 2005 $EC_{159}$ 6 24.2 103°.87 1°.1/24.2 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.59 | −25 54.0 | 1.945 | 2.807 | 13.0 | 21.3 |
| 5 31 | 18 33.20 | −26 4.8 | 1.872 | 2.808 | 9.7 | 21.1 |
| 6 10 | 18 25.64 | −26 14.2 | 1.821 | 2.809 | 6.0 | 20.9 |
| 6 20 | 18 16.63 | −26 20.3 | 1.797 | 2.810 | 2.1 | 20.7 |
| 6 30 | 18 7.17 | −26 21.7 | 1.800 | 2.811 | 2.7 | 20.7 |
| 7 10 | 17 58.33 | −26 18.2 | 1.829 | 2.812 | 6.6 | 21.0 |
| 7 20 | 17 51.05 | −26 10.9 | 1.884 | 2.812 | 10.3 | 21.2 |
| 7 30 | 17 46.03 | −26 1.5 | 1.961 | 2.813 | 13.5 | 21.4 |

**287079** 2002 $RE_{39}$ 6 24.2 280°.55 1°.2/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.86 | −26 23.5 | 1.552 | 2.423 | 15.3 | 20.5 |
| 5 31 | 18 35.60 | −26 23.4 | 1.465 | 2.406 | 11.6 | 20.2 |
| 6 10 | 18 27.49 | −26 20.6 | 1.399 | 2.388 | 7.2 | 19.9 |
| 6 20 | 18 17.29 | −26 12.9 | 1.358 | 2.371 | 2.5 | 19.6 |
| 6 30 | 18 6.23 | −25 58.8 | 1.342 | 2.354 | 3.2 | 19.6 |
| 7 10 | 17 55.78 | −25 38.5 | 1.351 | 2.336 | 8.1 | 19.9 |
| 7 20 | 17 47.26 | −25 14.4 | 1.385 | 2.319 | 12.8 | 20.1 |
| 7 30 | 17 41.64 | −24 49.4 | 1.438 | 2.301 | 16.9 | 20.3 |

**478930** 2012 $XY_{11}$ 6 24.2 288°.60 1°.0/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.63 | −25 59.8 | 1.859 | 2.722 | 13.5 | 22.4 |
| 5 31 | 18 34.40 | −26 4.5 | 1.757 | 2.694 | 10.2 | 22.1 |
| 6 10 | 18 26.66 | −26 7.6 | 1.677 | 2.665 | 6.4 | 21.8 |
| 6 20 | 18 17.03 | −26 7.0 | 1.623 | 2.636 | 2.2 | 21.5 |
| 6 30 | 18 6.54 | −26 1.1 | 1.595 | 2.607 | 2.9 | 21.5 |
| 7 10 | 17 56.42 | −25 49.7 | 1.595 | 2.578 | 7.3 | 21.7 |
| 7 20 | 17 47.82 | −25 34.0 | 1.618 | 2.548 | 11.6 | 21.9 |
| 7 30 | 17 41.68 | −25 16.4 | 1.664 | 2.518 | 15.4 | 22.1 |

**201529** 2003 $QS_{24}$ 6 24.2 331°.49 4°.7/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.76 | −13 40.5 | 1.592 | 2.458 | 15.2 | 19.7 |
| 5 31 | 18 31.38 | −13 3.4 | 1.517 | 2.450 | 11.8 | 19.5 |
| 6 10 | 18 24.69 | −12 34.0 | 1.464 | 2.443 | 8.1 | 19.2 |
| 6 20 | 18 16.39 | −12 14.3 | 1.433 | 2.436 | 5.1 | 19.0 |
| 6 30 | 18 7.52 | −12 5.5 | 1.428 | 2.430 | 5.4 | 19.0 |
| 7 10 | 17 59.26 | −12 8.0 | 1.448 | 2.424 | 8.7 | 19.2 |
| 7 20 | 17 52.62 | −12 21.0 | 1.491 | 2.418 | 12.6 | 19.4 |
| 7 30 | 17 48.37 | −12 42.9 | 1.554 | 2.413 | 16.0 | 19.6 |

**286713** 2002 $GM_{78}$ 6 24.2 122°.88 6°.8/23.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.25 | −40 38.5 | 1.989 | 2.823 | 13.9 | 20.6 |
| 5 31 | 18 38.47 | −41 33.8 | 1.928 | 2.833 | 11.2 | 20.5 |
| 6 10 | 18 28.98 | −42 17.6 | 1.889 | 2.842 | 8.6 | 20.3 |
| 6 20 | 18 17.67 | −42 44.1 | 1.874 | 2.851 | 7.0 | 20.3 |
| 6 30 | 18 5.83 | −42 50.0 | 1.886 | 2.860 | 7.2 | 20.3 |
| 7 10 | 17 54.87 | −42 35.4 | 1.923 | 2.868 | 9.2 | 20.4 |
| 7 20 | 17 45.97 | −42 3.8 | 1.984 | 2.876 | 11.7 | 20.6 |
| 7 30 | 17 39.91 | −41 20.6 | 2.067 | 2.884 | 14.2 | 20.8 |

**304465** 2006 $UY_{46}$ 6 24.2 75°.59 5°.3/23.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.33 | −35 47.0 | 2.128 | 2.974 | 12.7 | 20.7 |
| 5 31 | 18 35.34 | −36 57.6 | 2.067 | 2.985 | 9.9 | 20.5 |
| 6 10 | 18 27.01 | −38 1.5 | 2.030 | 2.996 | 7.2 | 20.3 |
| 6 20 | 18 17.08 | −38 53.5 | 2.018 | 3.008 | 5.4 | 20.3 |
| 6 30 | 18 6.60 | −39 29.8 | 2.034 | 3.019 | 5.8 | 20.3 |
| 7 10 | 17 56.76 | −39 49.2 | 2.076 | 3.030 | 8.0 | 20.5 |
| 7 20 | 17 48.59 | −39 53.4 | 2.143 | 3.042 | 10.7 | 20.6 |
| 7 30 | 17 42.85 | −39 45.7 | 2.232 | 3.053 | 13.1 | 20.8 |

**95462** 2002 $DK_{5}$ 6 24.2 68°.05 8°.8/25.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.56 | − 1 37.0 | 1.718 | 2.543 | 16.1 | 19.1 |
| 5 31 | 18 31.65 | − 0 57.3 | 1.656 | 2.548 | 13.5 | 18.9 |
| 6 10 | 18 24.68 | − 0 35.7 | 1.614 | 2.554 | 10.9 | 18.8 |
| 6 20 | 18 16.35 | − 0 35.2 | 1.595 | 2.559 | 9.1 | 18.7 |
| 6 30 | 18 7.62 | − 0 57.2 | 1.600 | 2.565 | 9.0 | 18.7 |
| 7 10 | 17 59.51 | − 1 39.9 | 1.629 | 2.571 | 10.7 | 18.8 |
| 7 20 | 17 52.91 | − 2 39.8 | 1.681 | 2.577 | 13.2 | 19.0 |
| 7 30 | 17 48.47 | − 3 52.0 | 1.753 | 2.583 | 15.8 | 19.1 |

**382390** 2013 $TC_{130}$ 6 24.2 329°.66 5°.1/23.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.56 | −29 52.9 | 1.138 | 2.033 | 17.9 | 19.9 |
| 5 31 | 18 32.74 | −30 57.0 | 1.060 | 2.011 | 13.8 | 19.5 |
| 6 10 | 18 26.34 | −32 1.3 | 1.000 | 1.989 | 9.3 | 19.2 |
| 6 20 | 18 17.08 | −32 58.5 | 0.962 | 1.969 | 5.5 | 18.9 |
| 6 30 | 18 6.44 | −33 41.3 | 0.945 | 1.950 | 6.4 | 18.9 |
| 7 10 | 17 56.43 | −34 5.6 | 0.950 | 1.932 | 11.1 | 19.1 |
| 7 20 | 17 48.86 | −34 11.9 | 0.975 | 1.916 | 16.1 | 19.3 |
| 7 30 | 17 45.12 | −34 4.1 | 1.017 | 1.901 | 20.6 | 19.6 |

**4109** Anokhin 6 24.2 343°.84 1°.7/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.95 | −20 23.9 | 1.050 | 1.949 | 18.7 | 16.2 |
| 5 31 | 18 31.89 | −20 14.9 | 0.984 | 1.939 | 14.2 | 15.9 |
| 6 10 | 18 25.52 | −20 10.8 | 0.936 | 1.930 | 8.8 | 15.6 |
| 6 20 | 18 16.74 | −20 11.1 | 0.909 | 1.923 | 3.2 | 15.2 |
| 6 30 | 18 7.05 | −20 14.9 | 0.904 | 1.916 | 3.9 | 15.3 |
| 7 10 | 17 58.25 | −20 21.8 | 0.920 | 1.911 | 9.8 | 15.6 |
| 7 20 | 17 51.85 | −20 31.5 | 0.956 | 1.907 | 15.2 | 15.8 |
| 7 30 | 17 48.89 | −20 44.1 | 1.009 | 1.904 | 19.9 | 16.1 |

**394357** 2007 $BB_{57}$ 6 24.2 236°.55 2°.0/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 35.60 | −15 56.9 | 2.464 | 3.312 | 11.1 | 20.3 |
| 5 31 | 18 30.57 | −16 8.2 | 2.379 | 3.306 | 8.4 | 20.2 |
| 6 10 | 18 23.91 | −16 25.0 | 2.318 | 3.299 | 5.4 | 20.0 |
| 6 20 | 18 16.12 | −16 46.9 | 2.284 | 3.293 | 2.6 | 19.8 |
| 6 30 | 18 7.92 | −17 13.0 | 2.278 | 3.286 | 2.8 | 19.8 |
| 7 10 | 18 0.07 | −17 42.0 | 2.300 | 3.279 | 5.7 | 19.9 |
| 7 20 | 17 53.29 | −18 13.0 | 2.349 | 3.272 | 8.8 | 20.1 |
| 7 30 | 17 48.16 | −18 45.2 | 2.422 | 3.265 | 11.5 | 20.3 |

**432389** 2009 $WU_{244}$ 6 24.2 232°.35 0°.8/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.67 | −24 21.4 | 2.226 | 3.078 | 12.0 | 21.4 |
| 5 31 | 18 34.67 | −24 44.6 | 2.133 | 3.065 | 9.0 | 21.2 |
| 6 10 | 18 26.58 | −25 8.6 | 2.064 | 3.050 | 5.5 | 20.9 |
| 6 20 | 18 16.98 | −25 31.0 | 2.022 | 3.036 | 1.8 | 20.7 |
| 6 30 | 18 6.75 | −25 49.8 | 2.009 | 3.020 | 2.4 | 20.7 |
| 7 10 | 17 56.90 | −26 4.1 | 2.024 | 3.004 | 6.3 | 20.9 |
| 7 20 | 17 48.36 | −26 13.8 | 2.065 | 2.987 | 9.9 | 21.1 |
| 7 30 | 17 41.88 | −26 20.2 | 2.129 | 2.970 | 13.0 | 21.3 |

**390169** 2012 $VC_{104}$ 6 24.2 129°.43 3°.7/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.84 | −13 9.5 | 2.235 | 3.079 | 12.2 | 21.5 |
| 5 31 | 18 31.45 | −12 39.2 | 2.166 | 3.087 | 9.4 | 21.3 |
| 6 10 | 18 24.38 | −12 15.1 | 2.121 | 3.094 | 6.4 | 21.2 |
| 6 20 | 18 16.25 | −11 58.3 | 2.102 | 3.101 | 4.1 | 21.0 |
| 6 30 | 18 7.83 | −11 49.5 | 2.110 | 3.108 | 4.3 | 21.1 |
| 7 10 | 17 59.94 | −11 48.8 | 2.146 | 3.115 | 6.8 | 21.2 |
| 7 20 | 17 53.29 | −11 55.6 | 2.207 | 3.122 | 9.7 | 21.4 |
| 7 30 | 17 48.43 | −12 9.0 | 2.292 | 3.128 | 12.3 | 21.6 |

**42440** 2484 $T\text{-}_{3}$ 6 24.2 149°.43 2°.0/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.92 | −29 51.3 | 2.694 | 3.541 | 10.3 | 20.2 |
| 5 31 | 18 32.18 | −30 6.8 | 2.620 | 3.547 | 7.7 | 20.0 |
| 6 10 | 18 24.81 | −30 18.7 | 2.572 | 3.553 | 4.9 | 19.8 |
| 6 20 | 18 16.39 | −30 25.2 | 2.550 | 3.559 | 2.4 | 19.7 |
| 6 30 | 18 7.66 | −30 25.1 | 2.558 | 3.564 | 2.8 | 19.7 |
| 7 10 | 17 59.42 | −30 18.4 | 2.593 | 3.569 | 5.4 | 19.9 |
| 7 20 | 17 52.37 | −30 6.2 | 2.656 | 3.574 | 8.1 | 20.1 |
| 7 30 | 17 47.05 | −29 50.3 | 2.743 | 3.578 | 10.6 | 20.2 |

**148407** 2000 $WG_{8}$ 6 24.2 180°.80 0°.6/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.41 | −21 58.1 | 3.109 | 3.953 | 9.1 | 21.4 |
| 5 31 | 18 30.79 | −21 44.9 | 3.026 | 3.954 | 6.8 | 21.2 |
| 6 10 | 18 23.86 | −21 31.8 | 2.970 | 3.954 | 4.1 | 21.0 |
| 6 20 | 18 16.09 | −21 18.3 | 2.941 | 3.954 | 1.4 | 20.8 |
| 6 30 | 18 8.07 | −21 4.7 | 2.943 | 3.954 | 1.8 | 20.8 |
| 7 10 | 18 0.44 | −20 51.1 | 2.974 | 3.953 | 4.6 | 21.0 |
| 7 20 | 17 53.74 | −20 38.2 | 3.032 | 3.951 | 7.2 | 21.2 |
| 7 30 | 17 48.44 | −20 26.6 | 3.116 | 3.950 | 9.5 | 21.4 |

**3037** Alku 6 24.2 198°.99 2°.4/24.8 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.27 | −13 58.3 | 2.331 | 3.170 | 11.9 | 17.0 |
| 5 31 | 18 33.38 | −14 24.8 | 2.246 | 3.167 | 9.1 | 16.8 |
| 6 10 | 18 25.67 | −14 59.5 | 2.185 | 3.163 | 5.9 | 16.6 |
| 6 20 | 18 16.69 | −15 41.1 | 2.152 | 3.159 | 3.0 | 16.4 |
| 6 30 | 18 7.22 | −16 28.1 | 2.147 | 3.154 | 3.1 | 16.4 |
| 7 10 | 17 58.12 | −17 18.3 | 2.171 | 3.148 | 6.1 | 16.6 |
| 7 20 | 17 50.19 | −18 9.8 | 2.223 | 3.143 | 9.4 | 16.7 |
| 7 30 | 17 44.07 | −19 1.2 | 2.298 | 3.136 | 12.3 | 16.9 |

**350685** 2001 $UU_{229}$ 6 24.2 89°.93 4°.4/23.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.13 | −33 52.1 | 2.078 | 2.930 | 12.7 | 20.2 |
| 5 31 | 18 34.48 | −34 41.8 | 2.007 | 2.931 | 9.8 | 20.0 |
| 6 10 | 18 26.52 | −35 25.9 | 1.959 | 2.933 | 6.8 | 19.8 |
| 6 20 | 18 16.97 | −36 0.0 | 1.936 | 2.934 | 4.6 | 19.7 |
| 6 30 | 18 6.86 | −36 20.9 | 1.941 | 2.936 | 5.0 | 19.7 |
| 7 10 | 17 57.36 | −36 27.8 | 1.972 | 2.937 | 7.6 | 19.9 |
| 7 20 | 17 49.47 | −36 22.2 | 2.028 | 2.939 | 10.6 | 20.0 |
| 7 30 | 17 43.96 | −36 7.3 | 2.106 | 2.940 | 13.4 | 20.2 |

**431329** 2006 $XN_{9}$ 6 24.2 228°.79 0°.9/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.83 | −25 29.1 | 1.954 | 2.811 | 13.2 | 22.5 |
| 5 31 | 18 35.75 | −25 38.4 | 1.867 | 2.800 | 9.9 | 22.2 |
| 6 10 | 18 27.32 | −25 46.7 | 1.802 | 2.789 | 6.1 | 22.0 |
| 6 20 | 18 17.23 | −25 51.7 | 1.764 | 2.777 | 2.0 | 21.7 |
| 6 30 | 18 6.49 | −25 51.9 | 1.753 | 2.764 | 2.7 | 21.7 |
| 7 10 | 17 56.28 | −25 46.9 | 1.770 | 2.751 | 6.9 | 21.9 |
| 7 20 | 17 47.63 | −25 38.0 | 1.812 | 2.738 | 10.8 | 22.2 |
| 7 30 | 17 41.35 | −25 27.0 | 1.877 | 2.723 | 14.2 | 22.3 |

**158061** 2000 $TJ_{18}$ 6 24.2 276°.44 2°.2/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.21 | −18 41.6 | 1.769 | 2.633 | 14.0 | 20.3 |
| 5 31 | 18 33.15 | −18 22.7 | 1.684 | 2.620 | 10.7 | 20.1 |
| 6 10 | 18 25.77 | −18 7.1 | 1.621 | 2.607 | 6.8 | 19.8 |
| 6 20 | 18 16.76 | −17 54.9 | 1.583 | 2.594 | 2.9 | 19.6 |
| 6 30 | 18 7.13 | −17 46.4 | 1.571 | 2.581 | 3.4 | 19.6 |
| 7 10 | 17 58.01 | −17 41.8 | 1.586 | 2.568 | 7.5 | 19.8 |
| 7 20 | 17 50.44 | −17 41.5 | 1.625 | 2.554 | 11.6 | 20.0 |
| 7 30 | 17 45.21 | −17 45.7 | 1.685 | 2.541 | 15.2 | 20.2 |

**37924** 1998 $FB_{114}$ 6 24.2 3°.07 9°.2/23.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 35.65 | − 6 4.5 | 1.478 | 2.330 | 17.0 | 18.2 |
| 5 31 | 18 31.29 | − 4 31.9 | 1.416 | 2.329 | 14.0 | 18.0 |
| 6 10 | 18 24.61 | − 3 12.4 | 1.375 | 2.329 | 11.1 | 17.8 |
| 6 20 | 18 16.39 | − 2 11.7 | 1.355 | 2.330 | 9.3 | 17.7 |
| 6 30 | 18 7.71 | − 1 34.4 | 1.360 | 2.331 | 9.7 | 17.7 |
| 7 10 | 17 59.74 | − 1 21.6 | 1.387 | 2.333 | 11.9 | 17.9 |
| 7 20 | 17 53.46 | − 1 31.9 | 1.435 | 2.335 | 14.8 | 18.1 |
| 7 30 | 17 49.61 | − 2 1.3 | 1.502 | 2.338 | 17.7 | 18.3 |

**86037** 1999 $NN_{37}$ 6 24.3 326°.85 4°.5/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.34 | −35 35.5 | 1.559 | 2.421 | 15.7 | 17.7 |
| 5 31 | 18 36.70 | −35 26.0 | 1.482 | 2.413 | 12.2 | 17.5 |
| 6 10 | 18 28.09 | −35 3.8 | 1.426 | 2.405 | 8.4 | 17.3 |
| 6 20 | 18 17.48 | −34 25.5 | 1.393 | 2.397 | 5.1 | 17.0 |
| 6 30 | 18 6.28 | −33 30.0 | 1.386 | 2.389 | 5.2 | 17.0 |
| 7 10 | 17 56.07 | −32 20.2 | 1.404 | 2.383 | 8.7 | 17.2 |
| 7 20 | 17 48.11 | −31 1.9 | 1.446 | 2.376 | 12.7 | 17.4 |
| 7 30 | 17 43.22 | −29 41.6 | 1.509 | 2.370 | 16.3 | 17.6 |

**208590** 2002 $CN_{127}$ 6 24.3 241°.80 2°.8/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.77 | −29 48.8 | 1.526 | 2.393 | 15.7 | 20.9 |
| 5 31 | 18 37.82 | −29 58.3 | 1.448 | 2.385 | 12.0 | 20.6 |
| 6 10 | 18 28.85 | −30 2.3 | 1.391 | 2.376 | 7.7 | 20.3 |
| 6 20 | 18 17.75 | −29 57.0 | 1.357 | 2.368 | 3.5 | 20.1 |
| 6 30 | 18 5.87 | −29 40.3 | 1.350 | 2.359 | 4.1 | 20.1 |
| 7 10 | 17 54.82 | −29 12.8 | 1.368 | 2.350 | 8.5 | 20.3 |
| 7 20 | 17 45.91 | −28 37.9 | 1.410 | 2.340 | 12.9 | 20.6 |
| 7 30 | 17 40.10 | −27 59.9 | 1.472 | 2.330 | 16.8 | 20.8 |

**216812** 2006 $TA_{118}$ 6 24.3 150°.31 3°.5/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.92 | −11 48.6 | 2.291 | 3.133 | 12.0 | 21.4 |
| 5 31 | 18 30.83 | −11 51.3 | 2.216 | 3.136 | 9.3 | 21.2 |
| 6 10 | 18 24.07 | −12 2.5 | 2.165 | 3.138 | 6.4 | 21.0 |
| 6 20 | 18 16.21 | −12 22.2 | 2.140 | 3.140 | 3.9 | 20.9 |
| 6 30 | 18 7.97 | −12 49.8 | 2.142 | 3.143 | 4.0 | 20.9 |
| 7 10 | 18 0.18 | −13 24.0 | 2.172 | 3.145 | 6.5 | 21.1 |
| 7 20 | 17 53.54 | −14 3.1 | 2.228 | 3.147 | 9.4 | 21.3 |
| 7 30 | 17 48.63 | −14 45.6 | 2.307 | 3.148 | 12.1 | 21.4 |

**443573** 2014 $KW_{53}$ 6 24.3 63°.60 0°.4/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.46 | −20 18.1 | 2.216 | 3.073 | 11.8 | 21.4 |
| 5 31 | 18 31.35 | −20 46.9 | 2.146 | 3.080 | 8.8 | 21.2 |
| 6 10 | 18 24.44 | −21 19.4 | 2.100 | 3.087 | 5.4 | 21.0 |
| 6 20 | 18 16.33 | −21 53.6 | 2.080 | 3.093 | 1.7 | 20.8 |
| 6 30 | 18 7.83 | −22 27.8 | 2.088 | 3.100 | 2.2 | 20.8 |
| 7 10 | 17 59.81 | −23 0.4 | 2.124 | 3.107 | 5.8 | 21.1 |
| 7 20 | 17 53.07 | −23 30.5 | 2.187 | 3.114 | 9.1 | 21.3 |
| 7 30 | 17 48.20 | −23 58.1 | 2.272 | 3.121 | 12.0 | 21.5 |

**180741** 2004 $KL_{16}$ 6 24.3 189°.53 3°.5/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.89 | −11 45.8 | 2.334 | 3.175 | 11.9 | 21.3 |
| 5 31 | 18 30.81 | −11 49.0 | 2.256 | 3.174 | 9.2 | 21.1 |
| 6 10 | 18 24.07 | −12 0.7 | 2.201 | 3.174 | 6.3 | 20.9 |
| 6 20 | 18 16.22 | −12 20.9 | 2.172 | 3.173 | 3.9 | 20.8 |
| 6 30 | 18 7.98 | −12 48.9 | 2.171 | 3.172 | 3.9 | 20.8 |
| 7 10 | 18 0.15 | −13 23.4 | 2.198 | 3.171 | 6.4 | 20.9 |
| 7 20 | 17 53.45 | −14 3.0 | 2.251 | 3.170 | 9.3 | 21.1 |
| 7 30 | 17 48.45 | −14 45.9 | 2.328 | 3.168 | 12.0 | 21.3 |

**432762** 2011 $FY_{8}$ 6 24.3 18°.49 3°.8/23.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.27 | −29 46.4 | 1.483 | 2.358 | 15.6 | 20.7 |
| 5 31 | 18 34.45 | −30 38.0 | 1.420 | 2.361 | 11.9 | 20.4 |
| 6 10 | 18 26.77 | −31 26.5 | 1.379 | 2.365 | 7.8 | 20.2 |
| 6 20 | 18 17.11 | −32 6.8 | 1.362 | 2.369 | 4.3 | 20.0 |
| 6 30 | 18 6.79 | −32 34.5 | 1.369 | 2.374 | 4.9 | 20.1 |
| 7 10 | 17 57.31 | −32 48.3 | 1.401 | 2.380 | 8.7 | 20.3 |
| 7 20 | 17 49.92 | −32 49.7 | 1.456 | 2.386 | 12.6 | 20.6 |
| 7 30 | 17 45.51 | −32 42.0 | 1.532 | 2.392 | 16.2 | 20.8 |

**282406** 2003 $TR_{21}$ 6 24.3 285°.15 4°.3/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.54 | −10 38.7 | 1.904 | 2.750 | 14.0 | 20.2 |
| 5 31 | 18 32.63 | −10 47.1 | 1.806 | 2.726 | 11.0 | 19.9 |
| 6 10 | 18 25.51 | −11 7.5 | 1.730 | 2.703 | 7.7 | 19.7 |
| 6 20 | 18 16.75 | −11 40.5 | 1.678 | 2.678 | 4.8 | 19.5 |
| 6 30 | 18 7.20 | −12 25.5 | 1.653 | 2.654 | 4.9 | 19.4 |
| 7 10 | 17 57.91 | −13 20.4 | 1.655 | 2.630 | 7.9 | 19.6 |
| 7 20 | 17 49.90 | −14 22.5 | 1.682 | 2.605 | 11.6 | 19.7 |
| 7 30 | 17 44.00 | −15 28.9 | 1.731 | 2.581 | 15.1 | 19.9 |

**430547** 2002 $GB_{58}$ 6 24.3 59°.32 3°.0/24.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.43 | −29 52.6 | 1.741 | 2.605 | 14.2 | 21.4 |
| 5 31 | 18 34.90 | −30 19.7 | 1.673 | 2.608 | 10.7 | 21.2 |
| 6 10 | 18 26.86 | −30 42.7 | 1.627 | 2.612 | 6.9 | 21.0 |
| 6 20 | 18 17.11 | −30 57.9 | 1.606 | 2.615 | 3.5 | 20.8 |
| 6 30 | 18 6.84 | −31 3.0 | 1.612 | 2.618 | 4.0 | 20.8 |
| 7 10 | 17 57.33 | −30 57.7 | 1.643 | 2.622 | 7.6 | 21.0 |
| 7 20 | 17 49.66 | −30 43.9 | 1.699 | 2.625 | 11.3 | 21.2 |
| 7 30 | 17 44.62 | −30 24.6 | 1.776 | 2.629 | 14.6 | 21.5 |

**36142** 1999 $RA_{173}$ 6 24.3 339°.58 6°.2/25.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 34.64 | − 4 24.6 | 2.137 | 2.962 | 13.4 | 18.1 |
| 5 31 | 18 30.00 | − 4 17.2 | 2.061 | 2.960 | 10.9 | 17.9 |
| 6 10 | 18 23.64 | − 4 23.9 | 2.007 | 2.957 | 8.4 | 17.7 |
| 6 20 | 18 16.11 | − 4 45.9 | 1.977 | 2.955 | 6.5 | 17.6 |
| 6 30 | 18 8.17 | − 5 23.4 | 1.974 | 2.954 | 6.5 | 17.6 |
| 7 10 | 18 0.66 | − 6 14.6 | 1.997 | 2.952 | 8.2 | 17.7 |
| 7 20 | 17 54.32 | − 7 16.5 | 2.044 | 2.950 | 10.8 | 17.9 |
| 7 30 | 17 49.75 | − 8 25.9 | 2.115 | 2.949 | 13.3 | 18.0 |

**156465** 2002 $CB_{8}$ 6 24.3 41°.89 1°.4/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.64 | −25 55.4 | 1.654 | 2.523 | 14.6 | 20.2 |
| 5 31 | 18 34.34 | −26 14.1 | 1.586 | 2.526 | 10.9 | 20.0 |
| 6 10 | 18 26.54 | −26 32.0 | 1.540 | 2.528 | 6.7 | 19.8 |
| 6 20 | 18 17.03 | −26 46.2 | 1.518 | 2.531 | 2.4 | 19.5 |
| 6 30 | 18 6.98 | −26 54.6 | 1.523 | 2.534 | 3.1 | 19.5 |
| 7 10 | 17 57.68 | −26 56.7 | 1.553 | 2.537 | 7.4 | 19.8 |
| 7 20 | 17 50.21 | −26 53.7 | 1.608 | 2.540 | 11.5 | 20.1 |
| 7 30 | 17 45.36 | −26 47.5 | 1.684 | 2.544 | 15.0 | 20.3 |

**416690** 2004 $XP_{160}$ 6 24.3 204°.74 2°.7/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.49 | −29 53.8 | 1.703 | 2.561 | 14.7 | 21.6 |
| 5 31 | 18 38.06 | −30 8.0 | 1.625 | 2.558 | 11.2 | 21.4 |
| 6 10 | 18 28.86 | −30 17.2 | 1.570 | 2.554 | 7.2 | 21.1 |
| 6 20 | 18 17.75 | −30 17.8 | 1.540 | 2.549 | 3.4 | 20.9 |
| 6 30 | 18 5.99 | −30 7.5 | 1.536 | 2.544 | 3.9 | 20.9 |
| 7 10 | 17 55.01 | −29 46.9 | 1.559 | 2.539 | 7.9 | 21.1 |
| 7 20 | 17 46.01 | −29 18.6 | 1.607 | 2.532 | 11.9 | 21.4 |
| 7 30 | 17 39.86 | −28 46.5 | 1.676 | 2.526 | 15.5 | 21.6 |

**234526** 2001 $UD_{127}$ 6 24.3 266°.68 1°.6/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.77 | −18 42.0 | 1.704 | 2.569 | 14.4 | 19.5 |
| 5 31 | 18 33.67 | −18 50.5 | 1.624 | 2.561 | 10.9 | 19.3 |
| 6 10 | 18 26.16 | −19 4.4 | 1.566 | 2.553 | 6.8 | 19.0 |
| 6 20 | 18 16.94 | −19 22.8 | 1.532 | 2.544 | 2.6 | 18.7 |
| 6 30 | 18 7.06 | −19 44.1 | 1.525 | 2.536 | 3.1 | 18.7 |
| 7 10 | 17 57.72 | −20 7.0 | 1.544 | 2.528 | 7.4 | 19.0 |
| 7 20 | 17 49.99 | −20 30.8 | 1.587 | 2.519 | 11.6 | 19.2 |
| 7 30 | 17 44.70 | −20 55.0 | 1.652 | 2.511 | 15.3 | 19.4 |

**92618** 2000 $QU_{4}$ 6 24.3 121°.85 6°.0/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 47.54 | −37 0.1 | 1.542 | 2.395 | 16.3 | 19.0 |
| 5 31 | 18 40.58 | −37 32.9 | 1.482 | 2.405 | 12.8 | 18.8 |
| 6 10 | 18 30.44 | −37 54.0 | 1.444 | 2.414 | 9.1 | 18.6 |
| 6 20 | 18 18.21 | −37 57.4 | 1.428 | 2.423 | 6.4 | 18.5 |
| 6 30 | 18 5.47 | −37 40.1 | 1.439 | 2.432 | 6.6 | 18.5 |
| 7 10 | 17 53.94 | −37 3.6 | 1.474 | 2.441 | 9.5 | 18.7 |
| 7 20 | 17 44.92 | −36 13.1 | 1.533 | 2.449 | 13.0 | 18.9 |
| 7 30 | 17 39.25 | −35 15.2 | 1.612 | 2.456 | 16.3 | 19.2 |

**167508** 2003 $YO_{107}$ 6 24.3 235°.39 3°.2/23.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.14 | −31 13.3 | 2.069 | 2.924 | 12.6 | 20.6 |
| 5 31 | 18 34.48 | −31 44.9 | 1.989 | 2.919 | 9.7 | 20.4 |
| 6 10 | 18 26.54 | −32 12.2 | 1.933 | 2.913 | 6.4 | 20.1 |
| 6 20 | 18 17.04 | −32 31.8 | 1.903 | 2.908 | 3.6 | 20.0 |
| 6 30 | 18 6.96 | −32 41.1 | 1.899 | 2.903 | 4.0 | 20.0 |
| 7 10 | 17 57.45 | −32 39.6 | 1.923 | 2.897 | 7.1 | 20.2 |
| 7 20 | 17 49.49 | −32 28.7 | 1.972 | 2.891 | 10.4 | 20.3 |
| 7 30 | 17 43.85 | −32 11.3 | 2.043 | 2.885 | 13.4 | 20.5 |

**475817** 2007 $AX_{6}$ 6 24.3 88°.62 4°.0/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.15 | −37 8.8 | 2.387 | 3.224 | 11.8 | 20.3 |
| 5 31 | 18 35.44 | −37 8.3 | 2.325 | 3.239 | 9.2 | 20.2 |
| 6 10 | 18 26.81 | −36 58.2 | 2.287 | 3.255 | 6.4 | 20.1 |
| 6 20 | 18 17.03 | −36 36.2 | 2.275 | 3.271 | 4.3 | 19.9 |
| 6 30 | 18 7.09 | −36 1.8 | 2.292 | 3.286 | 4.4 | 20.0 |
| 7 10 | 17 57.96 | −35 16.7 | 2.336 | 3.302 | 6.5 | 20.1 |
| 7 20 | 17 50.44 | −34 23.9 | 2.406 | 3.317 | 9.2 | 20.3 |
| 7 30 | 17 45.09 | −33 27.3 | 2.500 | 3.332 | 11.6 | 20.5 |

**258079** 2001 $PO_{22}$ 6 24.3 23°.34 15°.3/27.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 58.56 | −53 18.5 | 1.026 | 1.858 | 24.1 | 19.4 |
| 5 31 | 18 51.30 | −53 58.4 | 0.974 | 1.859 | 21.1 | 19.2 |
| 6 10 | 18 37.92 | −54 3.2 | 0.936 | 1.862 | 18.2 | 19.0 |
| 6 20 | 18 20.54 | −53 18.9 | 0.915 | 1.864 | 15.9 | 18.9 |
| 6 30 | 18 2.69 | −51 38.7 | 0.913 | 1.868 | 15.4 | 18.9 |
| 7 10 | 17 47.91 | −49 10.4 | 0.931 | 1.871 | 16.9 | 19.0 |
| 7 20 | 17 38.29 | −46 11.7 | 0.968 | 1.875 | 19.6 | 19.2 |
| 7 30 | 17 34.43 | −43 2.6 | 1.023 | 1.879 | 22.7 | 19.4 |

**1848** Delvaux 6 24.3 345°.92 0°.7/24.2 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.76 | −25 5.3 | 1.882 | 2.748 | 13.2 | 15.3 |
| 5 31 | 18 32.70 | −25 12.0 | 1.808 | 2.746 | 9.9 | 15.1 |
| 6 10 | 18 25.44 | −25 18.0 | 1.756 | 2.744 | 6.1 | 14.9 |
| 6 20 | 18 16.71 | −25 21.5 | 1.730 | 2.743 | 2.0 | 14.6 |
| 6 30 | 18 7.49 | −25 21.3 | 1.730 | 2.742 | 2.6 | 14.7 |
| 7 10 | 17 58.89 | −25 17.2 | 1.757 | 2.741 | 6.7 | 14.9 |
| 7 20 | 17 51.85 | −25 10.3 | 1.809 | 2.740 | 10.5 | 15.1 |
| 7 30 | 17 47.08 | −25 1.9 | 1.883 | 2.739 | 13.8 | 15.4 |

**376550** 2013 $MG_4$ 6 24.3 334.°68 1.°5/24.2 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.31 | −21 37.7 | 1.284 | 2.168 | 17.0 | 20.6 |
| 5 31 | 18 33.91 | −21 13.9 | 1.214 | 2.161 | 12.8 | 20.3 |
| 6 10 | 18 26.55 | −20 51.2 | 1.163 | 2.155 | 8.0 | 20.1 |
| 6 20 | 18 17.11 | −20 29.5 | 1.135 | 2.149 | 2.8 | 19.7 |
| 6 30 | 18 6.95 | −20 9.1 | 1.131 | 2.143 | 3.6 | 19.8 |
| 7 10 | 17 57.63 | −19 51.3 | 1.151 | 2.138 | 8.8 | 20.1 |
| 7 20 | 17 50.45 | −19 37.5 | 1.192 | 2.134 | 13.7 | 20.3 |
| 7 30 | 17 46.32 | −19 28.7 | 1.253 | 2.130 | 18.0 | 20.6 |

**112115** 2002 $JR_{44}$ 6 24.3 97.°15 3.°5/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.66 | −30 49.7 | 1.500 | 2.364 | 16.1 | 20.1 |
| 5 31 | 18 38.95 | −31 15.3 | 1.447 | 2.381 | 12.2 | 19.9 |
| 6 10 | 18 29.35 | −31 34.5 | 1.415 | 2.398 | 7.9 | 19.7 |
| 6 20 | 18 17.89 | −31 43.0 | 1.407 | 2.414 | 4.1 | 19.5 |
| 6 30 | 18 6.04 | −31 38.5 | 1.425 | 2.431 | 4.5 | 19.6 |
| 7 10 | 17 55.34 | −31 21.7 | 1.468 | 2.447 | 8.4 | 19.9 |
| 7 20 | 17 46.97 | −30 55.9 | 1.535 | 2.462 | 12.3 | 20.1 |
| 7 30 | 17 41.70 | −30 25.5 | 1.624 | 2.477 | 15.8 | 20.4 |

**344648** 2003 $QJ_{76}$ 6 24.3 340.°16 1.°3/24.3 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.17 | −26 20.6 | 1.189 | 2.086 | 17.1 | 20.0 |
| 5 31 | 18 30.51 | −26 17.9 | 1.112 | 2.066 | 13.0 | 19.7 |
| 6 10 | 18 24.73 | −26 12.5 | 1.054 | 2.048 | 8.1 | 19.3 |
| 6 20 | 18 16.63 | −26 2.2 | 1.017 | 2.031 | 2.8 | 19.0 |
| 6 30 | 18 7.60 | −25 45.6 | 1.003 | 2.016 | 3.6 | 19.0 |
| 7 10 | 17 59.30 | −25 23.5 | 1.011 | 2.002 | 9.1 | 19.2 |
| 7 20 | 17 53.21 | −24 58.2 | 1.040 | 1.990 | 14.4 | 19.5 |
| 7 30 | 17 50.37 | −24 32.7 | 1.087 | 1.980 | 18.9 | 19.7 |

**84229** 2002 $SH_{15}$ 6 24.3 124.°01 2.°4/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.44 | −20 58.5 | 1.610 | 2.474 | 15.2 | 19.2 |
| 5 31 | 18 36.24 | −19 59.5 | 1.542 | 2.478 | 11.4 | 19.0 |
| 6 10 | 18 27.58 | −18 59.5 | 1.496 | 2.482 | 7.2 | 18.8 |
| 6 20 | 18 17.36 | −18 0.3 | 1.475 | 2.486 | 3.1 | 18.5 |
| 6 30 | 18 6.76 | −17 4.4 | 1.481 | 2.490 | 3.8 | 18.6 |
| 7 10 | 17 57.05 | −16 14.6 | 1.514 | 2.494 | 8.0 | 18.8 |
| 7 20 | 17 49.23 | −15 33.3 | 1.571 | 2.497 | 12.1 | 19.1 |
| 7 30 | 17 44.01 | −15 1.8 | 1.649 | 2.501 | 15.6 | 19.3 |

**432511** 2010 $FZ_{16}$ 6 24.3 82.°56 7.°8/23.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.97 | −42 57.8 | 1.925 | 2.755 | 14.4 | 20.8 |
| 5 31 | 18 38.50 | −43 59.1 | 1.866 | 2.765 | 11.9 | 20.7 |
| 6 10 | 18 29.16 | −44 47.0 | 1.829 | 2.774 | 9.5 | 20.6 |
| 6 20 | 18 17.88 | −45 15.4 | 1.816 | 2.783 | 8.0 | 20.5 |
| 6 30 | 18 6.04 | −45 20.6 | 1.828 | 2.792 | 8.2 | 20.5 |
| 7 10 | 17 55.14 | −45 2.8 | 1.865 | 2.801 | 9.9 | 20.6 |
| 7 20 | 17 46.41 | −44 26.0 | 1.925 | 2.810 | 12.3 | 20.8 |
| 7 30 | 17 40.70 | −43 36.2 | 2.006 | 2.819 | 14.7 | 21.0 |

**221094** 2005 $SN_{94}$ 6 24.3 267.°46 4.°8/23.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.93 | −14 25.8 | 1.769 | 2.623 | 14.5 | 20.2 |
| 5 31 | 18 34.44 | −13 23.1 | 1.678 | 2.604 | 11.3 | 20.0 |
| 6 10 | 18 26.62 | −12 23.8 | 1.610 | 2.586 | 7.9 | 19.8 |
| 6 20 | 18 17.13 | −11 30.6 | 1.567 | 2.567 | 5.1 | 19.5 |
| 6 30 | 18 6.97 | −10 46.4 | 1.550 | 2.548 | 5.6 | 19.5 |
| 7 10 | 17 57.31 | −10 13.7 | 1.560 | 2.529 | 8.9 | 19.7 |
| 7 20 | 17 49.15 | − 9 53.5 | 1.594 | 2.509 | 12.7 | 19.9 |
| 7 30 | 17 43.34 | − 9 45.6 | 1.649 | 2.489 | 16.2 | 20.0 |

**338505** 2003 $PB_{12}$ 6 24.3 338.°23 0.°5/24.3 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.33 | −25 37.1 | 1.366 | 2.251 | 16.1 | 20.0 |
| 5 31 | 18 32.42 | −25 20.1 | 1.290 | 2.238 | 12.1 | 19.7 |
| 6 10 | 18 25.65 | −25 0.2 | 1.235 | 2.227 | 7.5 | 19.4 |
| 6 20 | 18 16.87 | −24 36.0 | 1.202 | 2.216 | 2.3 | 19.1 |
| 6 30 | 18 7.36 | −24 7.4 | 1.193 | 2.206 | 3.1 | 19.1 |
| 7 10 | 17 58.62 | −23 36.0 | 1.208 | 2.197 | 8.3 | 19.4 |
| 7 20 | 17 51.91 | −23 4.3 | 1.246 | 2.189 | 13.1 | 19.6 |
| 7 30 | 17 48.14 | −22 35.2 | 1.303 | 2.182 | 17.3 | 19.9 |

**364098** 2005 $YG_{170}$ 6 24.3 158.°81 1.°9/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.01 | −16 51.4 | 2.589 | 3.438 | 10.6 | 21.5 |
| 5 31 | 18 30.04 | −16 48.8 | 2.512 | 3.440 | 8.0 | 21.3 |
| 6 10 | 18 23.57 | −16 50.3 | 2.460 | 3.442 | 5.1 | 21.2 |
| 6 20 | 18 16.13 | −16 55.7 | 2.434 | 3.443 | 2.4 | 21.0 |
| 6 30 | 18 8.38 | −17 4.6 | 2.437 | 3.445 | 2.6 | 21.0 |
| 7 10 | 18 1.03 | −17 16.5 | 2.468 | 3.447 | 5.4 | 21.2 |
| 7 20 | 17 54.71 | −17 30.9 | 2.526 | 3.448 | 8.3 | 21.4 |
| 7 30 | 17 49.96 | −17 47.6 | 2.607 | 3.449 | 10.8 | 21.6 |

**308206** 2005 $EY_{68}$ 6 24.3 37.°00 2.°1/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.91 | −19 44.1 | 1.183 | 2.069 | 18.0 | 19.8 |
| 5 31 | 18 34.24 | −19 25.7 | 1.133 | 2.080 | 13.5 | 19.5 |
| 6 10 | 18 26.62 | −19 12.0 | 1.101 | 2.092 | 8.4 | 19.3 |
| 6 20 | 18 17.11 | −19 2.7 | 1.092 | 2.105 | 3.3 | 19.0 |
| 6 30 | 18 7.15 | −18 57.7 | 1.107 | 2.118 | 3.9 | 19.1 |
| 7 10 | 17 58.31 | −18 57.0 | 1.144 | 2.132 | 8.9 | 19.4 |
| 7 20 | 17 51.77 | −19 0.6 | 1.204 | 2.146 | 13.6 | 19.7 |
| 7 30 | 17 48.30 | −19 8.5 | 1.282 | 2.161 | 17.6 | 20.0 |

**392025** 2009 $BS_{25}$ 6 24.3 258.°35 0.°2/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.22 | −21 55.5 | 2.033 | 2.892 | 12.7 | 21.3 |
| 5 31 | 18 32.99 | −22 12.0 | 1.947 | 2.882 | 9.5 | 21.1 |
| 6 10 | 18 25.65 | −22 30.9 | 1.884 | 2.872 | 5.8 | 20.8 |
| 6 20 | 18 16.83 | −22 50.5 | 1.848 | 2.861 | 1.8 | 20.5 |
| 6 30 | 18 7.41 | −23 9.3 | 1.839 | 2.851 | 2.4 | 20.6 |
| 7 10 | 17 58.44 | −23 26.2 | 1.857 | 2.840 | 6.4 | 20.8 |
| 7 20 | 17 50.84 | −23 41.0 | 1.900 | 2.829 | 10.2 | 21.0 |
| 7 30 | 17 45.36 | −23 54.1 | 1.967 | 2.818 | 13.5 | 21.2 |

**373692** 2002 $RM_{89}$ 6 24.3 317.°03 2.°0/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.00 | −19 42.7 | 1.235 | 2.123 | 17.3 | 20.9 |
| 5 31 | 18 32.58 | −19 30.7 | 1.148 | 2.097 | 13.2 | 20.6 |
| 6 10 | 18 26.05 | −19 23.1 | 1.080 | 2.072 | 8.4 | 20.2 |
| 6 20 | 18 17.09 | −19 20.0 | 1.034 | 2.047 | 3.3 | 19.9 |
| 6 30 | 18 6.98 | −19 20.9 | 1.012 | 2.023 | 3.9 | 19.8 |
| 7 10 | 17 57.37 | −19 25.8 | 1.011 | 2.000 | 9.5 | 20.1 |
| 7 20 | 17 49.77 | −19 34.5 | 1.032 | 1.978 | 14.9 | 20.3 |
| 7 30 | 17 45.39 | −19 47.4 | 1.071 | 1.957 | 19.7 | 20.5 |

**40735** 1999 $SU_{19}$ 6 24.3 294.°71 0.°4/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.34 | −22 46.2 | 1.716 | 2.584 | 14.2 | 19.3 |
| 5 31 | 18 33.56 | −23 12.3 | 1.626 | 2.566 | 10.7 | 19.1 |
| 6 10 | 18 26.26 | −23 41.8 | 1.559 | 2.548 | 6.6 | 18.8 |
| 6 20 | 18 17.08 | −24 12.1 | 1.516 | 2.530 | 2.0 | 18.5 |
| 6 30 | 18 7.05 | −24 40.5 | 1.500 | 2.512 | 2.8 | 18.5 |
| 7 10 | 17 57.46 | −25 5.3 | 1.509 | 2.494 | 7.5 | 18.7 |
| 7 20 | 17 49.45 | −25 26.0 | 1.543 | 2.476 | 11.8 | 18.9 |
| 7 30 | 17 43.97 | −25 43.1 | 1.598 | 2.459 | 15.6 | 19.1 |

**349819** 2009 $BU_{174}$ 6 24.3 230.°10 1.°1/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.42 | −20 0.4 | 2.142 | 2.998 | 12.2 | 21.6 |
| 5 31 | 18 32.19 | −19 58.9 | 2.061 | 2.994 | 9.2 | 21.4 |
| 6 10 | 18 25.05 | −20 0.2 | 2.004 | 2.990 | 5.7 | 21.1 |
| 6 20 | 18 16.63 | −20 3.3 | 1.973 | 2.985 | 2.1 | 20.9 |
| 6 30 | 18 7.74 | −20 7.9 | 1.969 | 2.980 | 2.5 | 20.9 |
| 7 10 | 17 59.34 | −20 13.5 | 1.993 | 2.975 | 6.2 | 21.1 |
| 7 20 | 17 52.25 | −20 20.0 | 2.043 | 2.970 | 9.7 | 21.3 |
| 7 30 | 17 47.10 | −20 27.8 | 2.116 | 2.965 | 12.7 | 21.5 |

**125057** 2001 $TP_{229}$ 6 24.3 292.°74 0.°7/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.77 | −22 27.7 | 1.301 | 2.180 | 17.1 | 19.9 |
| 5 31 | 18 36.34 | −23 3.5 | 1.207 | 2.153 | 13.0 | 19.5 |
| 6 10 | 18 28.51 | −23 46.0 | 1.134 | 2.125 | 8.1 | 19.2 |
| 6 20 | 18 17.91 | −24 31.7 | 1.083 | 2.097 | 2.6 | 18.8 |
| 6 30 | 18 5.84 | −25 16.0 | 1.056 | 2.069 | 3.6 | 18.7 |
| 7 10 | 17 54.05 | −25 55.3 | 1.053 | 2.040 | 9.5 | 19.0 |
| 7 20 | 17 44.27 | −26 27.9 | 1.073 | 2.012 | 15.1 | 19.2 |
| 7 30 | 17 37.90 | −26 54.7 | 1.110 | 1.984 | 20.1 | 19.4 |

**132567** 2002 $JP_{101}$ 6 24.3 313.°05 2.°1/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.58 | −26 25.0 | 1.542 | 2.418 | 15.1 | 18.7 |
| 5 31 | 18 33.44 | −26 58.2 | 1.448 | 2.391 | 11.5 | 18.4 |
| 6 10 | 18 26.43 | −27 32.5 | 1.374 | 2.364 | 7.3 | 18.1 |
| 6 20 | 18 17.20 | −28 4.2 | 1.325 | 2.337 | 3.0 | 17.8 |
| 6 30 | 18 6.87 | −28 29.5 | 1.300 | 2.310 | 3.7 | 17.7 |
| 7 10 | 17 56.93 | −28 46.4 | 1.300 | 2.284 | 8.5 | 17.9 |
| 7 20 | 17 48.74 | −28 54.8 | 1.323 | 2.259 | 13.2 | 18.1 |
| 7 30 | 17 43.44 | −28 56.7 | 1.366 | 2.234 | 17.3 | 18.3 |

**392783** 2012 $TF_{129}$ 6 24.3 247.°18 3.°6/24.4 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.37 | −13 54.7 | 2.052 | 2.901 | 12.9 | 21.6 |
| 5 31 | 18 32.22 | −13 33.1 | 1.967 | 2.892 | 10.0 | 21.4 |
| 6 10 | 18 25.12 | −13 17.9 | 1.905 | 2.882 | 6.8 | 21.2 |
| 6 20 | 18 16.67 | −13 9.9 | 1.869 | 2.872 | 4.0 | 21.0 |
| 6 30 | 18 7.72 | −13 9.7 | 1.859 | 2.861 | 4.3 | 21.0 |
| 7 10 | 17 59.21 | −13 17.2 | 1.877 | 2.851 | 7.2 | 21.2 |
| 7 20 | 17 51.98 | −13 31.8 | 1.920 | 2.840 | 10.6 | 21.4 |
| 7 30 | 17 46.73 | −13 52.4 | 1.985 | 2.829 | 13.7 | 21.5 |

**337187** 1999 $VV_{145}$ 6 24.3 289.°69 0.°8/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.47 | −24 3.0 | 1.792 | 2.659 | 13.8 | 20.8 |
| 5 31 | 18 33.50 | −24 25.1 | 1.708 | 2.647 | 10.3 | 20.5 |
| 6 10 | 18 26.13 | −24 48.6 | 1.646 | 2.634 | 6.4 | 20.3 |
| 6 20 | 18 17.03 | −25 11.1 | 1.609 | 2.622 | 2.1 | 20.0 |
| 6 30 | 18 7.22 | −25 30.4 | 1.598 | 2.610 | 2.8 | 20.0 |
| 7 10 | 17 57.91 | −25 45.1 | 1.614 | 2.598 | 7.1 | 20.2 |
| 7 20 | 17 50.18 | −25 55.4 | 1.655 | 2.586 | 11.3 | 20.5 |
| 7 30 | 17 44.87 | −26 2.3 | 1.717 | 2.575 | 14.8 | 20.7 |

**123782** 2001 $BM_{15}$ 6 24.3 280.°36 9.°2/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 49.31 | −52 36.3 | 2.448 | 3.224 | 13.3 | 19.4 |
| 5 31 | 18 41.72 | −53 12.0 | 2.361 | 3.206 | 11.7 | 19.2 |
| 6 10 | 18 31.14 | −53 30.4 | 2.294 | 3.188 | 10.2 | 19.1 |
| 6 20 | 18 18.53 | −53 25.8 | 2.251 | 3.170 | 9.3 | 19.0 |
| 6 30 | 18 5.29 | −52 54.5 | 2.231 | 3.151 | 9.4 | 19.0 |
| 7 10 | 17 53.00 | −51 57.2 | 2.237 | 3.132 | 10.4 | 19.0 |
| 7 20 | 17 42.96 | −50 38.0 | 2.266 | 3.114 | 12.1 | 19.1 |
| 7 30 | 17 36.02 | −49 3.8 | 2.317 | 3.095 | 14.0 | 19.2 |

**449571** 2014 $JT_{10}$ 6 24.3 341°.71 8°.3/23.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 32.18 | − 7 13.4 | 1.615 | 2.471 | 15.6 | 20.1 |
| 5 31 | 18 28.76 | − 5 49.0 | 1.538 | 2.454 | 12.8 | 19.8 |
| 6 10 | 18 23.19 | − 4 34.8 | 1.481 | 2.439 | 10.1 | 19.6 |
| 6 20 | 18 16.11 | − 3 35.7 | 1.446 | 2.425 | 8.4 | 19.5 |
| 6 30 | 18 8.47 | − 2 56.2 | 1.436 | 2.411 | 8.8 | 19.5 |
| 7 10 | 18 1.32 | − 2 38.3 | 1.448 | 2.399 | 11.1 | 19.6 |
| 7 20 | 17 55.63 | − 2 41.4 | 1.483 | 2.388 | 14.1 | 19.7 |
| 7 30 | 17 52.15 | − 3 3.0 | 1.536 | 2.379 | 17.0 | 19.9 |

**522753** 2016 $NV_{21}$ 6 24.3 313°.73 3°.6/23.9 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.39 | −16 39.9 | 1.772 | 2.635 | 14.1 | 21.1 |
| 5 31 | 18 32.45 | −15 48.6 | 1.694 | 2.627 | 10.8 | 20.9 |
| 6 10 | 18 25.33 | −15 0.3 | 1.637 | 2.619 | 7.2 | 20.7 |
| 6 20 | 18 16.74 | −14 17.1 | 1.606 | 2.612 | 4.1 | 20.5 |
| 6 30 | 18 7.66 | −13 40.9 | 1.601 | 2.604 | 4.5 | 20.5 |
| 7 10 | 17 59.17 | −13 13.4 | 1.621 | 2.597 | 8.0 | 20.7 |
| 7 20 | 17 52.21 | −12 55.5 | 1.666 | 2.591 | 11.7 | 20.9 |
| 7 30 | 17 47.49 | −12 47.1 | 1.733 | 2.584 | 15.0 | 21.1 |

**383289** 2006 $DC_{206}$ 6 24.3 145°.41 6°.6/24.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.52 | −40 1.8 | 1.918 | 2.757 | 14.2 | 21.2 |
| 5 31 | 18 38.08 | −40 45.2 | 1.851 | 2.760 | 11.4 | 21.0 |
| 6 10 | 18 28.89 | −41 17.1 | 1.805 | 2.763 | 8.6 | 20.9 |
| 6 20 | 18 17.84 | −41 32.1 | 1.784 | 2.766 | 6.8 | 20.8 |
| 6 30 | 18 6.23 | −41 26.8 | 1.788 | 2.768 | 7.0 | 20.8 |
| 7 10 | 17 55.49 | −41 1.9 | 1.818 | 2.770 | 9.1 | 20.9 |
| 7 20 | 17 46.80 | −40 20.9 | 1.872 | 2.773 | 11.9 | 21.1 |
| 7 30 | 17 40.99 | −39 29.4 | 1.948 | 2.775 | 14.6 | 21.3 |

**505544** 2013 $YY_{115}$ 6 24.3 131°.25 1°.4/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.81 | −28 6.2 | 2.263 | 3.114 | 11.8 | 22.0 |
| 5 31 | 18 34.54 | −28 7.1 | 2.195 | 3.125 | 8.8 | 21.8 |
| 6 10 | 18 26.37 | −28 4.5 | 2.152 | 3.136 | 5.5 | 21.6 |
| 6 20 | 18 17.01 | −27 56.7 | 2.135 | 3.146 | 2.2 | 21.4 |
| 6 30 | 18 7.36 | −27 43.1 | 2.147 | 3.156 | 2.6 | 21.4 |
| 7 10 | 17 58.38 | −27 24.1 | 2.186 | 3.166 | 5.9 | 21.7 |
| 7 20 | 17 50.86 | −27 1.6 | 2.253 | 3.175 | 9.1 | 21.9 |
| 7 30 | 17 45.39 | −26 37.6 | 2.343 | 3.184 | 11.9 | 22.1 |

**95679** 2002 $HX$ 6 24.3 357°.12 16°.4/23.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 49.62 | −61 25.0 | 1.626 | 2.392 | 19.3 | 17.7 |
| 5 31 | 18 44.60 | −63 5.5 | 1.576 | 2.387 | 18.0 | 17.6 |
| 6 10 | 18 34.17 | −64 18.8 | 1.541 | 2.383 | 17.0 | 17.5 |
| 6 20 | 18 19.65 | −64 54.2 | 1.523 | 2.380 | 16.5 | 17.5 |
| 6 30 | 18 3.81 | −64 44.9 | 1.523 | 2.379 | 16.6 | 17.5 |
| 7 10 | 17 49.93 | −63 51.6 | 1.541 | 2.379 | 17.3 | 17.5 |
| 7 20 | 17 40.42 | −62 21.9 | 1.576 | 2.380 | 18.5 | 17.6 |
| 7 30 | 17 36.37 | −60 26.4 | 1.627 | 2.382 | 19.8 | 17.7 |

**51873** 2001 $PX_{19}$ 6 24.3 189°.50 0°.7/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.73 | −19 58.3 | 2.173 | 3.029 | 12.1 | 19.3 |
| 5 31 | 18 32.42 | −20 18.6 | 2.096 | 3.028 | 9.0 | 19.1 |
| 6 10 | 18 25.21 | −20 42.7 | 2.042 | 3.028 | 5.6 | 18.9 |
| 6 20 | 18 16.70 | −21 9.0 | 2.014 | 3.027 | 1.8 | 18.7 |
| 6 30 | 18 7.73 | −21 35.9 | 2.014 | 3.026 | 2.3 | 18.7 |
| 7 10 | 17 59.23 | −22 2.1 | 2.043 | 3.025 | 6.0 | 18.9 |
| 7 20 | 17 52.01 | −22 26.9 | 2.097 | 3.024 | 9.5 | 19.1 |
| 7 30 | 17 46.73 | −22 50.4 | 2.174 | 3.023 | 12.5 | 19.3 |

**239866** 2000 $CY_{98}$ 6 24.3 49°.92 1°.1/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.92 | −26 17.9 | 1.846 | 2.711 | 13.5 | 20.7 |
| 5 31 | 18 33.58 | −26 23.7 | 1.777 | 2.715 | 10.1 | 20.5 |
| 6 10 | 18 26.00 | −26 27.6 | 1.731 | 2.719 | 6.2 | 20.2 |
| 6 20 | 18 16.94 | −26 27.7 | 1.710 | 2.723 | 2.2 | 20.0 |
| 6 30 | 18 7.46 | −26 22.7 | 1.715 | 2.727 | 2.7 | 20.0 |
| 7 10 | 17 58.67 | −26 12.9 | 1.748 | 2.731 | 6.8 | 20.3 |
| 7 20 | 17 51.53 | −25 59.6 | 1.805 | 2.736 | 10.5 | 20.5 |
| 7 30 | 17 46.74 | −25 44.7 | 1.884 | 2.740 | 13.8 | 20.8 |

**324349** 2006 $QQ_{31}$ 6 24.3 266°.79 1°.4/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.31 | −27 30.3 | 1.584 | 2.452 | 15.2 | 21.0 |
| 5 31 | 18 36.68 | −27 24.6 | 1.499 | 2.438 | 11.5 | 20.7 |
| 6 10 | 18 28.21 | −27 14.6 | 1.436 | 2.424 | 7.2 | 20.4 |
| 6 20 | 18 17.70 | −26 58.0 | 1.397 | 2.409 | 2.6 | 20.1 |
| 6 30 | 18 6.40 | −26 33.6 | 1.383 | 2.395 | 3.2 | 20.1 |
| 7 10 | 17 55.78 | −26 2.5 | 1.396 | 2.380 | 8.0 | 20.4 |
| 7 20 | 17 47.12 | −25 27.5 | 1.432 | 2.365 | 12.6 | 20.6 |
| 7 30 | 17 41.35 | −24 52.2 | 1.490 | 2.350 | 16.6 | 20.8 |

**446738** 2015 $OL_{77}$ 6 24.3 341°.98 12°.6/25.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 29.95 | + 4 2.0 | 1.462 | 2.287 | 18.5 | 20.5 |
| 5 31 | 18 27.37 | + 4 53.1 | 1.384 | 2.264 | 16.3 | 20.3 |
| 6 10 | 18 22.50 | + 5 19.5 | 1.323 | 2.244 | 14.3 | 20.1 |
| 6 20 | 18 15.96 | + 5 15.1 | 1.281 | 2.224 | 12.9 | 19.9 |
| 6 30 | 18 8.69 | + 4 36.3 | 1.259 | 2.206 | 12.7 | 19.9 |
| 7 10 | 18 1.85 | + 3 23.7 | 1.259 | 2.190 | 14.1 | 19.9 |
| 7 20 | 17 56.49 | + 1 42.4 | 1.278 | 2.176 | 16.4 | 20.0 |
| 7 30 | 17 53.51 | − 0 20.0 | 1.316 | 2.163 | 19.1 | 20.1 |

**353788** 2012 $OK_1$ 6 24.3 290°.10 5°.5/24.4 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 36.69 | −10 31.5 | 1.785 | 2.636 | 14.5 | 20.4 |
| 5 31 | 18 31.91 | − 9 54.3 | 1.708 | 2.629 | 11.5 | 20.2 |
| 6 10 | 18 25.02 | − 9 26.7 | 1.652 | 2.621 | 8.3 | 20.0 |
| 6 20 | 18 16.67 | − 9 10.7 | 1.620 | 2.614 | 5.8 | 19.8 |
| 6 30 | 18 7.79 | − 9 7.8 | 1.614 | 2.607 | 6.0 | 19.8 |
| 7 10 | 17 59.44 | − 9 17.9 | 1.633 | 2.601 | 8.7 | 19.9 |
| 7 20 | 17 52.53 | − 9 39.8 | 1.676 | 2.594 | 12.0 | 20.1 |
| 7 30 | 17 47.78 | −10 11.4 | 1.741 | 2.587 | 15.2 | 20.3 |

**202217** 2004 $XR_{125}$ 6 24.3 237°.05 6°.6/23.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.52 | −41 4.1 | 2.303 | 3.128 | 12.6 | 21.1 |
| 5 31 | 18 38.78 | −42 4.5 | 2.215 | 3.114 | 10.3 | 21.0 |
| 6 10 | 18 29.40 | −42 55.6 | 2.151 | 3.099 | 8.1 | 20.8 |
| 6 20 | 18 18.08 | −43 32.0 | 2.111 | 3.083 | 6.7 | 20.7 |
| 6 30 | 18 5.91 | −43 49.2 | 2.099 | 3.067 | 7.0 | 20.7 |
| 7 10 | 17 54.22 | −43 46.3 | 2.113 | 3.050 | 8.9 | 20.7 |
| 7 20 | 17 44.21 | −43 25.3 | 2.151 | 3.033 | 11.3 | 20.9 |
| 7 30 | 17 36.81 | −42 50.8 | 2.212 | 3.015 | 13.8 | 21.0 |

**190039** 2004 $RR_{88}$ 6 24.3 316°.35 4°.4/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.70 | −15 40.2 | 1.393 | 2.270 | 16.3 | 20.2 |
| 5 31 | 18 31.96 | −15 0.5 | 1.304 | 2.245 | 12.7 | 19.9 |
| 6 10 | 18 25.47 | −14 26.3 | 1.236 | 2.220 | 8.6 | 19.6 |
| 6 20 | 18 16.92 | −13 59.8 | 1.190 | 2.196 | 5.0 | 19.3 |
| 6 30 | 18 7.43 | −13 43.1 | 1.167 | 2.173 | 5.4 | 19.3 |
| 7 10 | 17 58.40 | −13 37.2 | 1.169 | 2.150 | 9.6 | 19.4 |
| 7 20 | 17 51.13 | −13 42.4 | 1.192 | 2.128 | 14.3 | 19.6 |
| 7 30 | 17 46.64 | −13 57.8 | 1.234 | 2.106 | 18.5 | 19.8 |

**139860** 2001 $RC_{65}$ 6 24.3 297°.45 6°.1/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.74 | − 8 17.9 | 2.035 | 2.874 | 13.4 | 19.4 |
| 5 31 | 18 30.93 | − 7 23.8 | 1.960 | 2.870 | 10.8 | 19.2 |
| 6 10 | 18 24.29 | − 6 38.9 | 1.906 | 2.865 | 8.2 | 19.1 |
| 6 20 | 18 16.44 | − 6 5.9 | 1.877 | 2.861 | 6.3 | 18.9 |
| 6 30 | 18 8.17 | − 5 47.0 | 1.875 | 2.857 | 6.5 | 18.9 |
| 7 10 | 18 0.39 | − 5 42.6 | 1.898 | 2.852 | 8.6 | 19.1 |
| 7 20 | 17 53.87 | − 5 52.0 | 1.945 | 2.848 | 11.4 | 19.2 |
| 7 30 | 17 49.24 | − 6 13.3 | 2.014 | 2.844 | 14.0 | 19.4 |

**239353** 2007 $RG_{165}$ 6 24.3 92°.10 1°.1/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.19 | −20 54.1 | 1.900 | 2.762 | 13.3 | 20.7 |
| 5 31 | 18 32.93 | −20 46.0 | 1.827 | 2.764 | 9.9 | 20.5 |
| 6 10 | 18 25.59 | −20 39.8 | 1.777 | 2.765 | 6.1 | 20.2 |
| 6 20 | 18 16.85 | −20 34.9 | 1.753 | 2.766 | 2.1 | 20.0 |
| 6 30 | 18 7.67 | −20 30.9 | 1.755 | 2.767 | 2.6 | 20.0 |
| 7 10 | 17 59.10 | −20 28.0 | 1.784 | 2.768 | 6.6 | 20.3 |
| 7 20 | 17 52.04 | −20 26.3 | 1.839 | 2.769 | 10.4 | 20.5 |
| 7 30 | 17 47.17 | −20 26.6 | 1.915 | 2.770 | 13.7 | 20.7 |

**413742** 2006 $BZ_{247}$ 6 24.3 326°.19 7°.2/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.29 | −35 45.0 | 1.074 | 1.962 | 19.3 | 20.0 |
| 5 31 | 18 35.91 | −36 25.3 | 1.001 | 1.944 | 15.3 | 19.7 |
| 6 10 | 18 28.48 | −36 54.5 | 0.946 | 1.928 | 11.0 | 19.4 |
| 6 20 | 18 17.95 | −37 4.4 | 0.911 | 1.912 | 7.7 | 19.2 |
| 6 30 | 18 6.12 | −36 49.1 | 0.897 | 1.897 | 8.0 | 19.1 |
| 7 10 | 17 55.30 | −36 8.5 | 0.904 | 1.883 | 12.0 | 19.3 |
| 7 20 | 17 47.41 | −35 8.2 | 0.930 | 1.870 | 16.8 | 19.5 |
| 7 30 | 17 43.74 | −33 57.2 | 0.973 | 1.859 | 21.2 | 19.7 |

**313094** 2000 $US_{100}$ 6 24.3 292°.12 4°.3/23.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.00 | −33 29.3 | 2.167 | 3.018 | 12.3 | 20.8 |
| 5 31 | 18 34.67 | −34 16.1 | 2.066 | 2.990 | 9.6 | 20.6 |
| 6 10 | 18 26.92 | −34 58.9 | 1.987 | 2.962 | 6.7 | 20.4 |
| 6 20 | 18 17.35 | −35 33.4 | 1.934 | 2.933 | 4.5 | 20.2 |
| 6 30 | 18 6.90 | −35 55.9 | 1.908 | 2.904 | 5.0 | 20.1 |
| 7 10 | 17 56.74 | −36 4.7 | 1.909 | 2.876 | 7.7 | 20.2 |
| 7 20 | 17 47.97 | −36 0.7 | 1.935 | 2.847 | 11.0 | 20.4 |
| 7 30 | 17 41.53 | −35 46.5 | 1.983 | 2.818 | 14.1 | 20.5 |

**46163** 2001 $FV_{79}$ 6 24.3 302°.98 7°.5/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.35 | −39 19.3 | 1.447 | 2.304 | 16.9 | 18.4 |
| 5 31 | 18 38.86 | −39 55.8 | 1.371 | 2.293 | 13.7 | 18.2 |
| 6 10 | 18 29.84 | −40 18.9 | 1.316 | 2.282 | 10.3 | 17.9 |
| 6 20 | 18 18.27 | −40 21.6 | 1.282 | 2.272 | 7.8 | 17.8 |
| 6 30 | 18 5.79 | −39 59.3 | 1.272 | 2.261 | 8.0 | 17.8 |
| 7 10 | 17 54.31 | −39 12.7 | 1.286 | 2.251 | 10.8 | 17.9 |
| 7 20 | 17 45.41 | −38 7.5 | 1.322 | 2.241 | 14.5 | 18.1 |
| 7 30 | 17 40.14 | −36 51.7 | 1.378 | 2.232 | 18.0 | 18.3 |

**47728** 2000 $DP_{45}$ 6 24.3 247°.77 0°.8/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.00 | −21 10.0 | 2.038 | 2.897 | 12.6 | 19.4 |
| 5 31 | 18 32.76 | −21 7.5 | 1.957 | 2.891 | 9.5 | 19.2 |
| 6 10 | 18 25.49 | −21 6.9 | 1.898 | 2.885 | 5.8 | 19.0 |
| 6 20 | 18 16.84 | −21 7.2 | 1.866 | 2.879 | 2.0 | 18.7 |
| 6 30 | 18 7.69 | −21 8.0 | 1.861 | 2.873 | 2.5 | 18.7 |
| 7 10 | 17 59.05 | −21 8.9 | 1.883 | 2.866 | 6.4 | 19.0 |
| 7 20 | 17 51.79 | −21 10.2 | 1.931 | 2.859 | 10.1 | 19.2 |
| 7 30 | 17 46.60 | −21 12.6 | 2.001 | 2.853 | 13.3 | 19.4 |

**301210** 2009 $AB_{44}$ 6 24.3 153°.66 0°.6/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 37.96 | −21 43.7 | 2.026 | 2.886 | 12.7 | 21.4 |
| 5 31 | 18 32.68 | −21 42.5 | 1.952 | 2.887 | 9.5 | 21.2 |
| 6 10 | 18 25.41 | −21 42.8 | 1.901 | 2.888 | 5.8 | 21.0 |
| 6 20 | 18 16.80 | −21 43.6 | 1.875 | 2.889 | 1.9 | 20.7 |
| 6 30 | 18 7.78 | −21 44.2 | 1.877 | 2.889 | 2.4 | 20.7 |
| 7 10 | 17 59.32 | −21 44.5 | 1.907 | 2.890 | 6.3 | 21.0 |
| 7 20 | 17 52.27 | −21 44.8 | 1.962 | 2.891 | 9.9 | 21.2 |
| 7 30 | 17 47.31 | −21 45.8 | 2.039 | 2.891 | 13.0 | 21.4 |

**237835** 2002 $DA_{20}$ 6 24.3 184°.95 9°.5/22.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 49.68 | −46 37.7 | 2.070 | 2.878 | 14.3 | 20.4 |
| 5 31 | 18 42.53 | −48 19.8 | 2.003 | 2.879 | 12.2 | 20.2 |
| 6 10 | 18 32.02 | −49 48.8 | 1.960 | 2.878 | 10.4 | 20.1 |
| 6 20 | 18 18.97 | −50 56.3 | 1.940 | 2.878 | 9.5 | 20.1 |
| 6 30 | 18 4.81 | −51 36.2 | 1.946 | 2.877 | 9.9 | 20.1 |
| 7 10 | 17 51.32 | −51 46.9 | 1.975 | 2.876 | 11.4 | 20.2 |
| 7 20 | 17 40.06 | −51 32.0 | 2.028 | 2.874 | 13.4 | 20.3 |
| 7 30 | 17 32.18 | −50 57.8 | 2.100 | 2.872 | 15.4 | 20.4 |

**273774** 2007 $ED_{192}$ 6 24.3 26°.15 3°.8/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.72 | −17 50.8 | 1.194 | 2.081 | 17.8 | 19.6 |
| 5 31 | 18 32.50 | −17 0.3 | 1.147 | 2.094 | 13.4 | 19.4 |
| 6 10 | 18 25.53 | −16 15.3 | 1.120 | 2.108 | 8.7 | 19.2 |
| 6 20 | 18 16.85 | −15 38.1 | 1.114 | 2.123 | 4.5 | 19.0 |
| 6 30 | 18 7.83 | −15 10.5 | 1.132 | 2.140 | 5.0 | 19.0 |
| 7 10 | 17 59.91 | −14 53.7 | 1.173 | 2.157 | 9.2 | 19.3 |
| 7 20 | 17 54.16 | −14 47.6 | 1.235 | 2.175 | 13.5 | 19.6 |
| 7 30 | 17 51.27 | −14 51.1 | 1.317 | 2.195 | 17.3 | 19.9 |

**394318** 2006 $WR_{73}$ 6 24.3 147°.75 0°.2/24.3 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.50 | −23 46.5 | 2.309 | 3.165 | 11.5 | 22.1 |
| 5 31 | 18 32.12 | −23 48.0 | 2.235 | 3.168 | 8.5 | 21.9 |
| 6 10 | 18 24.98 | −23 49.4 | 2.184 | 3.171 | 5.2 | 21.7 |
| 6 20 | 18 16.67 | −23 49.5 | 2.160 | 3.173 | 1.6 | 21.5 |
| 6 30 | 18 8.00 | −23 47.6 | 2.164 | 3.176 | 2.1 | 21.5 |
| 7 10 | 17 59.85 | −23 43.7 | 2.196 | 3.178 | 5.7 | 21.8 |
| 7 20 | 17 52.97 | −23 38.4 | 2.254 | 3.180 | 8.9 | 22.0 |
| 7 30 | 17 47.96 | −23 32.7 | 2.335 | 3.182 | 11.8 | 22.2 |

**289362** 2005 $BR_{48}$ 6 24.3 215°.88 4°.5/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.38 | − 6 12.5 | 3.051 | 3.867 | 10.0 | 21.1 |
| 5 31 | 18 28.67 | − 6 2.3 | 2.966 | 3.862 | 8.1 | 21.0 |
| 6 10 | 18 22.73 | − 6 0.9 | 2.905 | 3.856 | 6.1 | 20.8 |
| 6 20 | 18 15.97 | − 6 9.2 | 2.871 | 3.850 | 4.7 | 20.7 |
| 6 30 | 18 8.91 | − 6 27.3 | 2.864 | 3.844 | 4.7 | 20.7 |
| 7 10 | 18 2.13 | − 6 54.6 | 2.885 | 3.837 | 6.1 | 20.8 |
| 7 20 | 17 56.15 | − 7 29.8 | 2.933 | 3.830 | 8.1 | 20.9 |
| 7 30 | 17 51.43 | − 8 11.3 | 3.005 | 3.823 | 10.2 | 21.1 |

**475609** 2006 $UJ_{136}$ 6 24.3 175°.97 4°.4/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.50 | −35 35.2 | 2.345 | 3.187 | 11.8 | 21.9 |
| 5 31 | 18 34.62 | −36 15.4 | 2.270 | 3.188 | 9.2 | 21.7 |
| 6 10 | 18 26.62 | −36 48.9 | 2.220 | 3.189 | 6.5 | 21.5 |
| 6 20 | 18 17.20 | −37 12.0 | 2.195 | 3.189 | 4.6 | 21.4 |
| 6 30 | 18 7.29 | −37 22.1 | 2.198 | 3.190 | 4.9 | 21.4 |
| 7 10 | 17 57.94 | −37 18.9 | 2.228 | 3.190 | 7.1 | 21.6 |
| 7 20 | 17 50.06 | −37 4.1 | 2.284 | 3.190 | 9.8 | 21.8 |
| 7 30 | 17 44.35 | −36 40.8 | 2.362 | 3.189 | 12.3 | 21.9 |

**208621** 2002 $EL_{42}$ 6 24.3 24°.04 4°.6/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.00 | −14 52.1 | 1.006 | 1.900 | 19.8 | 19.4 |
| 5 31 | 18 32.43 | −14 31.4 | 0.960 | 1.909 | 15.1 | 19.2 |
| 6 10 | 18 25.73 | −14 23.1 | 0.931 | 1.920 | 10.0 | 18.9 |
| 6 20 | 18 16.96 | −14 28.0 | 0.923 | 1.931 | 5.4 | 18.7 |
| 6 30 | 18 7.68 | −14 45.8 | 0.936 | 1.944 | 5.6 | 18.8 |
| 7 10 | 17 59.54 | −15 14.2 | 0.971 | 1.959 | 10.1 | 19.0 |
| 7 20 | 17 53.82 | −15 50.6 | 1.026 | 1.974 | 14.9 | 19.4 |
| 7 30 | 17 51.33 | −16 31.8 | 1.100 | 1.990 | 19.0 | 19.7 |

**116043** 2003 $WW_{101}$ 6 24.3 118°.27 5°.1/24.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.06 | −13 16.4 | 1.608 | 2.463 | 15.6 | 20.5 |
| 5 31 | 18 35.18 | −12 21.4 | 1.546 | 2.472 | 12.1 | 20.3 |
| 6 10 | 18 26.98 | −11 33.8 | 1.506 | 2.481 | 8.4 | 20.1 |
| 6 20 | 18 17.30 | −10 56.2 | 1.490 | 2.490 | 5.5 | 20.0 |
| 6 30 | 18 7.24 | −10 30.5 | 1.500 | 2.498 | 5.8 | 20.0 |
| 7 10 | 17 57.99 | −10 17.6 | 1.536 | 2.506 | 8.9 | 20.2 |
| 7 20 | 17 50.52 | −10 17.2 | 1.596 | 2.514 | 12.5 | 20.5 |
| 7 30 | 17 45.51 | −10 27.6 | 1.676 | 2.521 | 15.7 | 20.7 |

**471799** 2012 $VJ_{86}$ 6 24.3 279°.45 2°.6/24.2 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.26 | −17 34.9 | 2.039 | 2.891 | 12.9 | 22.5 |
| 5 31 | 18 33.89 | −17 6.6 | 1.932 | 2.862 | 9.9 | 22.3 |
| 6 10 | 18 26.34 | −16 40.8 | 1.849 | 2.832 | 6.4 | 22.0 |
| 6 20 | 18 17.18 | −16 18.1 | 1.792 | 2.801 | 3.2 | 21.7 |
| 6 30 | 18 7.27 | −15 59.3 | 1.763 | 2.770 | 3.6 | 21.7 |
| 7 10 | 17 57.65 | −15 45.2 | 1.760 | 2.738 | 7.3 | 21.8 |
| 7 20 | 17 49.30 | −15 36.6 | 1.784 | 2.706 | 11.1 | 22.0 |
| 7 30 | 17 43.03 | −15 33.9 | 1.829 | 2.673 | 14.6 | 22.2 |

**368907** 2006 $TM_{36}$ 6 24.3 305°.41 0°.8/24.3 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.38 | −22 5.1 | 1.344 | 2.226 | 16.5 | 21.1 |
| 5 31 | 18 34.28 | −21 59.4 | 1.253 | 2.200 | 12.6 | 20.7 |
| 6 10 | 18 27.09 | −21 55.5 | 1.182 | 2.174 | 7.9 | 20.4 |
| 6 20 | 18 17.51 | −21 52.5 | 1.134 | 2.148 | 2.6 | 20.0 |
| 6 30 | 18 6.79 | −21 49.0 | 1.109 | 2.122 | 3.4 | 20.0 |
| 7 10 | 17 56.52 | −21 45.1 | 1.109 | 2.097 | 9.0 | 20.2 |
| 7 20 | 17 48.21 | −21 41.6 | 1.130 | 2.072 | 14.3 | 20.5 |
| 7 30 | 17 43.02 | −21 39.9 | 1.170 | 2.048 | 19.0 | 20.7 |

**308351** 2005 $QG_{75}$ 6 24.3 278°.68 3°.3/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.53 | −32 58.6 | 2.166 | 3.018 | 12.3 | 20.7 |
| 5 31 | 18 33.96 | −33 11.8 | 2.086 | 3.013 | 9.4 | 20.5 |
| 6 10 | 18 26.25 | −33 18.6 | 2.029 | 3.007 | 6.3 | 20.3 |
| 6 20 | 18 17.09 | −33 16.2 | 1.998 | 3.002 | 3.7 | 20.1 |
| 6 30 | 18 7.47 | −33 3.1 | 1.994 | 2.996 | 4.0 | 20.1 |
| 7 10 | 17 58.44 | −32 39.8 | 2.017 | 2.991 | 6.8 | 20.3 |
| 7 20 | 17 50.94 | −32 8.3 | 2.065 | 2.986 | 10.0 | 20.5 |
| 7 30 | 17 45.65 | −31 31.9 | 2.137 | 2.980 | 12.9 | 20.7 |

**519703** 2013 $AW_{187}$ 6 24.3 93°.54 5°.1/25.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.97 | − 5 57.7 | 2.337 | 3.160 | 12.4 | 21.6 |
| 5 31 | 18 30.84 | − 6 1.7 | 2.270 | 3.171 | 10.0 | 21.4 |
| 6 10 | 18 24.13 | − 6 18.1 | 2.226 | 3.182 | 7.4 | 21.3 |
| 6 20 | 18 16.41 | − 6 47.0 | 2.208 | 3.192 | 5.5 | 21.2 |
| 6 30 | 18 8.39 | − 7 28.0 | 2.217 | 3.203 | 5.4 | 21.2 |
| 7 10 | 18 0.84 | − 8 19.1 | 2.253 | 3.213 | 7.1 | 21.3 |
| 7 20 | 17 54.40 | − 9 17.7 | 2.315 | 3.223 | 9.6 | 21.5 |
| 7 30 | 17 49.63 | −10 21.1 | 2.401 | 3.233 | 12.0 | 21.7 |

**471769** 2012 $UO_{133}$ 6 24.3 297°.98 8°.3/23.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.54 | − 6 9.4 | 1.730 | 2.570 | 15.4 | 21.6 |
| 5 31 | 18 32.05 | − 4 55.4 | 1.637 | 2.545 | 12.7 | 21.4 |
| 6 10 | 18 25.30 | − 3 51.5 | 1.566 | 2.519 | 10.1 | 21.1 |
| 6 20 | 18 16.87 | − 3 2.2 | 1.518 | 2.493 | 8.4 | 21.0 |
| 6 30 | 18 7.69 | − 2 31.7 | 1.494 | 2.467 | 8.8 | 20.9 |
| 7 10 | 17 58.86 | − 2 22.1 | 1.494 | 2.441 | 11.1 | 21.0 |
| 7 20 | 17 51.39 | − 2 32.9 | 1.517 | 2.416 | 14.2 | 21.1 |
| 7 30 | 17 46.16 | − 3 1.8 | 1.560 | 2.390 | 17.4 | 21.3 |

**308385** 2005 $SU_{14}$ 6 24.3 236°.72 0°.7/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.75 | −19 37.7 | 2.473 | 3.324 | 11.0 | 20.7 |
| 5 31 | 18 31.57 | −19 58.1 | 2.386 | 3.316 | 8.2 | 20.5 |
| 6 10 | 18 24.69 | −20 22.2 | 2.323 | 3.308 | 5.1 | 20.3 |
| 6 20 | 18 16.62 | −20 48.6 | 2.287 | 3.300 | 1.7 | 20.0 |
| 6 30 | 18 8.09 | −21 16.0 | 2.280 | 3.292 | 2.1 | 20.0 |
| 7 10 | 17 59.91 | −21 43.2 | 2.301 | 3.283 | 5.5 | 20.2 |
| 7 20 | 17 52.80 | −22 9.4 | 2.349 | 3.274 | 8.7 | 20.4 |
| 7 30 | 17 47.40 | −22 34.5 | 2.421 | 3.265 | 11.5 | 20.6 |

**357578** 2004 $TJ_{232}$ 6 24.3 318°.13 7°.4/23.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.84 | −41 59.0 | 2.108 | 2.942 | 13.2 | 20.2 |
| 5 31 | 18 35.51 | −43 7.6 | 2.029 | 2.931 | 10.9 | 20.1 |
| 6 10 | 18 27.52 | −44 6.2 | 1.973 | 2.919 | 8.8 | 19.9 |
| 6 20 | 18 17.57 | −44 49.1 | 1.941 | 2.908 | 7.5 | 19.8 |
| 6 30 | 18 6.80 | −45 11.5 | 1.934 | 2.898 | 7.8 | 19.8 |
| 7 10 | 17 56.59 | −45 12.5 | 1.952 | 2.887 | 9.6 | 19.9 |
| 7 20 | 17 48.13 | −44 54.2 | 1.993 | 2.877 | 12.0 | 20.0 |
| 7 30 | 17 42.37 | −44 21.0 | 2.055 | 2.867 | 14.4 | 20.2 |

**121476** 1999 $TE_{232}$ 6 24.3 289°.96 0°.8/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.90 | −24 31.0 | 2.204 | 3.064 | 11.8 | 20.2 |
| 5 31 | 18 32.00 | −24 54.2 | 2.112 | 3.048 | 8.9 | 19.9 |
| 6 10 | 18 25.11 | −25 18.3 | 2.044 | 3.031 | 5.5 | 19.7 |
| 6 20 | 18 16.79 | −25 41.2 | 2.002 | 3.015 | 1.8 | 19.4 |
| 6 30 | 18 7.87 | −26 1.1 | 1.987 | 2.999 | 2.4 | 19.4 |
| 7 10 | 17 59.31 | −26 16.8 | 2.000 | 2.983 | 6.1 | 19.7 |
| 7 20 | 17 52.00 | −26 28.3 | 2.039 | 2.967 | 9.7 | 19.8 |
| 7 30 | 17 46.66 | −26 36.5 | 2.101 | 2.951 | 12.8 | 20.0 |

**168784** 2000 $SQ_{2}$ 6 24.3 202°.44 0°.3/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.83 | −20 15.7 | 2.072 | 2.915 | 13.1 | 20.2 |
| 5 31 | 18 38.78 | −21 20.2 | 1.984 | 2.910 | 9.8 | 19.9 |
| 6 10 | 18 29.34 | −22 31.3 | 1.920 | 2.904 | 6.0 | 19.7 |
| 6 20 | 18 18.12 | −23 44.9 | 1.884 | 2.897 | 1.9 | 19.4 |
| 6 30 | 18 6.10 | −24 56.7 | 1.878 | 2.889 | 2.5 | 19.4 |
| 7 10 | 17 54.41 | −26 2.9 | 1.901 | 2.880 | 6.7 | 19.7 |
| 7 20 | 17 44.15 | −27 1.7 | 1.953 | 2.871 | 10.6 | 19.9 |
| 7 30 | 17 36.19 | −27 52.7 | 2.028 | 2.860 | 13.9 | 20.1 |

**227406** 2005 $UJ_{445}$ 6 24.3 71°.10 4°.6/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.09 | −13 28.5 | 1.608 | 2.467 | 15.4 | 20.5 |
| 5 31 | 18 33.69 | −12 52.9 | 1.552 | 2.481 | 11.9 | 20.3 |
| 6 10 | 18 26.06 | −12 25.8 | 1.518 | 2.495 | 8.1 | 20.2 |
| 6 20 | 18 17.03 | −12 8.7 | 1.507 | 2.509 | 5.0 | 20.0 |
| 6 30 | 18 7.68 | −12 2.4 | 1.523 | 2.524 | 5.2 | 20.1 |
| 7 10 | 17 59.15 | −12 6.7 | 1.564 | 2.538 | 8.4 | 20.3 |
| 7 20 | 17 52.34 | −12 20.5 | 1.628 | 2.552 | 11.9 | 20.5 |
| 7 30 | 17 47.92 | −12 42.0 | 1.714 | 2.567 | 15.1 | 20.8 |

**1846** Bengt 6 24.3 177°.04 1°.9/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 43.77 | −27 23.0 | 1.808 | 2.665 | 14.1 | 18.0 |
| 5 31 | 18 37.37 | −27 44.3 | 1.734 | 2.667 | 10.6 | 17.8 |
| 6 10 | 18 28.45 | −28 3.3 | 1.684 | 2.669 | 6.6 | 17.6 |
| 6 20 | 18 17.82 | −28 17.0 | 1.658 | 2.670 | 2.7 | 17.3 |
| 6 30 | 18 6.61 | −28 22.9 | 1.661 | 2.670 | 3.2 | 17.4 |
| 7 10 | 17 56.11 | −28 20.7 | 1.690 | 2.670 | 7.3 | 17.6 |
| 7 20 | 17 47.42 | −28 12.0 | 1.744 | 2.669 | 11.2 | 17.8 |
| 7 30 | 17 41.33 | −27 59.3 | 1.820 | 2.668 | 14.6 | 18.0 |

**185604** 2008 $CX_{23}$ 6 24.3 120°.60 2°.2/24.5 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.38 | −16 15.1 | 2.324 | 3.174 | 11.6 | 20.7 |
| 5 31 | 18 31.22 | −16 10.7 | 2.253 | 3.180 | 8.8 | 20.6 |
| 6 10 | 18 24.41 | −16 11.2 | 2.206 | 3.187 | 5.7 | 20.4 |
| 6 20 | 18 16.53 | −16 16.5 | 2.185 | 3.193 | 2.8 | 20.2 |
| 6 30 | 18 8.32 | −16 26.1 | 2.191 | 3.199 | 3.0 | 20.2 |
| 7 10 | 18 0.60 | −16 39.5 | 2.226 | 3.205 | 5.9 | 20.4 |
| 7 20 | 17 54.06 | −16 56.1 | 2.287 | 3.210 | 9.0 | 20.6 |
| 7 30 | 17 49.25 | −17 15.3 | 2.371 | 3.216 | 11.7 | 20.8 |

**482931** 2014 $JB_{17}$ 6 24.3 319°.56 1°.7/23.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.89 | −24 40.2 | 2.183 | 3.039 | 12.0 | 20.7 |
| 5 31 | 18 33.51 | −25 46.0 | 2.102 | 3.036 | 9.0 | 20.5 |
| 6 10 | 18 26.05 | −26 54.4 | 2.047 | 3.033 | 5.6 | 20.3 |
| 6 20 | 18 17.09 | −28 1.7 | 2.018 | 3.030 | 2.3 | 20.1 |
| 6 30 | 18 7.51 | −29 3.9 | 2.018 | 3.027 | 2.9 | 20.1 |
| 7 10 | 17 58.30 | −29 58.3 | 2.046 | 3.024 | 6.4 | 20.3 |
| 7 20 | 17 50.38 | −30 43.7 | 2.100 | 3.021 | 9.8 | 20.6 |
| 7 30 | 17 44.53 | −31 20.5 | 2.178 | 3.018 | 12.7 | 20.7 |

**356834** 2011 $VZ$ 6 24.3 214°.29 5°.0/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.64 | −39 14.9 | 2.676 | 3.503 | 10.9 | 21.6 |
| 5 31 | 18 35.36 | −39 52.2 | 2.593 | 3.496 | 8.8 | 21.5 |
| 6 10 | 18 27.07 | −40 21.4 | 2.534 | 3.490 | 6.6 | 21.3 |
| 6 20 | 18 17.38 | −40 38.6 | 2.501 | 3.483 | 5.1 | 21.2 |
| 6 30 | 18 7.19 | −40 41.6 | 2.496 | 3.475 | 5.3 | 21.2 |
| 7 10 | 17 57.49 | −40 30.2 | 2.519 | 3.467 | 7.1 | 21.3 |
| 7 20 | 17 49.17 | −40 6.1 | 2.567 | 3.459 | 9.4 | 21.5 |
| 7 30 | 17 42.90 | −39 32.7 | 2.638 | 3.451 | 11.6 | 21.6 |

**515211** 2011 $WB_{129}$ 6 24.3 254°.40 0°.2/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.60 | −23 25.3 | 2.475 | 3.327 | 10.9 | 23.2 |
| 5 31 | 18 32.29 | −23 35.6 | 2.380 | 3.311 | 8.2 | 23.0 |
| 6 10 | 18 25.18 | −23 46.6 | 2.309 | 3.295 | 5.0 | 22.7 |
| 6 20 | 18 16.80 | −23 56.8 | 2.265 | 3.278 | 1.6 | 22.5 |
| 6 30 | 18 7.92 | −24 5.2 | 2.249 | 3.261 | 2.1 | 22.5 |
| 7 10 | 17 59.37 | −24 11.2 | 2.262 | 3.244 | 5.6 | 22.7 |
| 7 20 | 17 51.93 | −24 14.9 | 2.301 | 3.226 | 8.9 | 22.9 |
| 7 30 | 17 46.25 | −24 17.3 | 2.364 | 3.208 | 11.8 | 23.0 |

**384562** 2010 $FM_{90}$ 6 24.3 96°.46 0°.7/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.17 | −21 3.6 | 1.961 | 2.820 | 13.1 | 21.5 |
| 5 31 | 18 33.55 | −21 9.4 | 1.898 | 2.832 | 9.7 | 21.3 |
| 6 10 | 18 25.93 | −21 17.4 | 1.858 | 2.845 | 5.9 | 21.1 |
| 6 20 | 18 17.01 | −21 26.5 | 1.843 | 2.857 | 1.9 | 20.8 |
| 6 30 | 18 7.74 | −21 35.6 | 1.857 | 2.869 | 2.4 | 20.9 |
| 7 10 | 17 59.15 | −21 44.1 | 1.897 | 2.880 | 6.3 | 21.2 |
| 7 20 | 17 52.06 | −21 52.2 | 1.963 | 2.892 | 9.9 | 21.4 |
| 7 30 | 17 47.10 | −22 0.3 | 2.052 | 2.904 | 13.0 | 21.6 |

**49103** 1998 $RE_{78}$ 6 24.3 352°.97 0°.9/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.32 | −20 16.9 | 1.048 | 1.949 | 18.6 | 18.0 |
| 5 31 | 18 30.78 | −20 34.1 | 0.984 | 1.941 | 14.0 | 17.7 |
| 6 10 | 18 25.00 | −20 58.8 | 0.939 | 1.934 | 8.7 | 17.4 |
| 6 20 | 18 16.87 | −21 29.0 | 0.915 | 1.929 | 2.8 | 17.0 |
| 6 30 | 18 7.85 | −22 1.6 | 0.912 | 1.925 | 3.5 | 17.1 |
| 7 10 | 17 59.69 | −22 34.1 | 0.931 | 1.924 | 9.4 | 17.4 |
| 7 20 | 17 53.86 | −23 4.7 | 0.970 | 1.923 | 14.8 | 17.7 |
| 7 30 | 17 51.41 | −23 33.0 | 1.026 | 1.925 | 19.4 | 18.0 |

**384042** 2008 $UU_{193}$ 6 24.3 139°.27 1°.1/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.15 | −24 51.5 | 2.170 | 3.025 | 12.2 | 21.8 |
| 5 31 | 18 34.26 | −25 24.2 | 2.100 | 3.033 | 9.1 | 21.6 |
| 6 10 | 18 26.38 | −25 57.2 | 2.054 | 3.040 | 5.6 | 21.4 |
| 6 20 | 18 17.16 | −26 27.9 | 2.035 | 3.047 | 2.0 | 21.2 |
| 6 30 | 18 7.51 | −26 54.0 | 2.043 | 3.054 | 2.5 | 21.2 |
| 7 10 | 17 58.41 | −27 14.5 | 2.080 | 3.061 | 6.1 | 21.5 |
| 7 20 | 17 50.72 | −27 29.4 | 2.143 | 3.067 | 9.5 | 21.7 |
| 7 30 | 17 45.11 | −27 39.9 | 2.229 | 3.073 | 12.4 | 21.9 |

**415044** 2011 $YG_{61}$ 6 24.3 119°.97 1°.6/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.15 | −21 9.6 | 1.475 | 2.344 | 16.0 | 21.2 |
| 5 31 | 18 36.35 | −20 42.7 | 1.410 | 2.349 | 12.0 | 20.9 |
| 6 10 | 18 27.88 | −20 16.9 | 1.366 | 2.354 | 7.4 | 20.7 |
| 6 20 | 18 17.64 | −19 52.4 | 1.346 | 2.359 | 2.7 | 20.4 |
| 6 30 | 18 6.92 | −19 29.5 | 1.352 | 2.363 | 3.4 | 20.5 |
| 7 10 | 17 57.10 | −19 9.5 | 1.384 | 2.368 | 8.1 | 20.7 |
| 7 20 | 17 49.30 | −18 53.7 | 1.439 | 2.372 | 12.5 | 21.0 |
| 7 30 | 17 44.30 | −18 43.1 | 1.514 | 2.376 | 16.3 | 21.3 |

**390508** 2014 $BD_{25}$ 6 24.3 328°.50 20°.1/ 2.8 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.08 | +16 23.1 | 0.993 | 1.779 | 27.8 | 20.2 |
| 5 31 | 18 35.20 | +16 47.8 | 0.930 | 1.769 | 25.6 | 20.0 |
| 6 10 | 18 27.83 | +16 21.4 | 0.877 | 1.759 | 23.3 | 19.7 |
| 6 20 | 18 17.80 | +14 52.0 | 0.838 | 1.750 | 21.3 | 19.6 |
| 6 30 | 18 6.58 | +12 13.6 | 0.815 | 1.742 | 20.1 | 19.5 |
| 7 10 | 17 56.05 | + 8 32.0 | 0.810 | 1.735 | 20.5 | 19.5 |
| 7 20 | 17 47.88 | + 4 4.4 | 0.825 | 1.729 | 22.4 | 19.5 |
| 7 30 | 17 43.33 | − 0 46.0 | 0.858 | 1.723 | 25.2 | 19.7 |

**278244** 2007 $ED_{150}$ 6 24.3 187°.06 1°.4/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.60 | −18 3.1 | 2.700 | 3.547 | 10.3 | 21.3 |
| 5 31 | 18 30.51 | −18 6.4 | 2.619 | 3.547 | 7.7 | 21.1 |
| 6 10 | 18 23.94 | −18 13.1 | 2.563 | 3.546 | 4.8 | 20.9 |
| 6 20 | 18 16.40 | −18 22.6 | 2.534 | 3.545 | 2.0 | 20.7 |
| 6 30 | 18 8.53 | −18 34.5 | 2.534 | 3.544 | 2.3 | 20.7 |
| 7 10 | 18 1.02 | −18 48.2 | 2.563 | 3.543 | 5.2 | 20.9 |
| 7 20 | 17 54.52 | −19 3.3 | 2.618 | 3.541 | 8.0 | 21.1 |
| 7 30 | 17 49.53 | −19 19.5 | 2.698 | 3.539 | 10.6 | 21.3 |

**176159** 2001 $HP_{31}$ 6 24.3 38°.61 5°.4/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.03 | −11 5.3 | 1.356 | 2.222 | 17.4 | 19.4 |
| 5 31 | 18 33.38 | −10 53.8 | 1.297 | 2.228 | 13.5 | 19.2 |
| 6 10 | 18 26.12 | −10 56.2 | 1.258 | 2.236 | 9.4 | 19.0 |
| 6 20 | 18 17.13 | −11 13.5 | 1.242 | 2.243 | 6.0 | 18.8 |
| 6 30 | 18 7.61 | −11 45.0 | 1.250 | 2.251 | 6.0 | 18.8 |
| 7 10 | 17 58.92 | −12 28.4 | 1.282 | 2.260 | 9.3 | 19.0 |
| 7 20 | 17 52.14 | −13 20.2 | 1.336 | 2.269 | 13.3 | 19.3 |
| 7 30 | 17 48.08 | −14 17.0 | 1.411 | 2.278 | 16.9 | 19.5 |

**130901** 2000 $VB_{33}$ 6 24.3 160°.38 3°.7/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.12 | −12 16.5 | 2.615 | 3.445 | 11.1 | 20.9 |
| 5 31 | 18 33.00 | −11 42.1 | 2.542 | 3.454 | 8.6 | 20.7 |
| 6 10 | 18 25.39 | −11 13.3 | 2.494 | 3.461 | 6.0 | 20.6 |
| 6 20 | 18 16.83 | −10 51.0 | 2.472 | 3.468 | 4.0 | 20.4 |
| 6 30 | 18 8.02 | −10 36.2 | 2.480 | 3.475 | 4.1 | 20.5 |
| 7 10 | 17 59.67 | −10 29.1 | 2.517 | 3.480 | 6.3 | 20.6 |
| 7 20 | 17 52.43 | −10 29.5 | 2.580 | 3.485 | 8.9 | 20.8 |
| 7 30 | 17 46.78 | −10 36.7 | 2.667 | 3.488 | 11.2 | 20.9 |

**238758** 2005 $JK_{16}$ 6 24.3 203°.98 2°.4/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.68 | −15 18.1 | 2.355 | 3.200 | 11.7 | 21.1 |
| 5 31 | 18 32.26 | −15 19.2 | 2.272 | 3.196 | 8.9 | 20.9 |
| 6 10 | 18 25.12 | −15 26.1 | 2.213 | 3.192 | 5.8 | 20.7 |
| 6 20 | 18 16.79 | −15 38.6 | 2.180 | 3.187 | 3.0 | 20.5 |
| 6 30 | 18 8.04 | −15 56.0 | 2.176 | 3.182 | 3.1 | 20.5 |
| 7 10 | 17 59.70 | −16 17.5 | 2.200 | 3.177 | 6.1 | 20.7 |
| 7 20 | 17 52.49 | −16 42.2 | 2.250 | 3.171 | 9.2 | 20.9 |
| 7 30 | 17 47.03 | −17 9.4 | 2.324 | 3.165 | 12.0 | 21.1 |

**332522** 2008 $KB_{35}$ 6 24.3 93°.23 1°.9/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.71 | −18 35.9 | 1.627 | 2.491 | 15.1 | 21.5 |
| 5 31 | 18 35.00 | −18 31.1 | 1.568 | 2.504 | 11.3 | 21.3 |
| 6 10 | 18 26.93 | −18 31.1 | 1.530 | 2.516 | 7.1 | 21.0 |
| 6 20 | 18 17.35 | −18 35.2 | 1.517 | 2.529 | 2.9 | 20.8 |
| 6 30 | 18 7.38 | −18 42.5 | 1.530 | 2.541 | 3.2 | 20.9 |
| 7 10 | 17 58.22 | −18 52.5 | 1.570 | 2.553 | 7.4 | 21.2 |
| 7 20 | 17 50.86 | −19 4.8 | 1.634 | 2.565 | 11.4 | 21.4 |
| 7 30 | 17 45.99 | −19 19.3 | 1.719 | 2.577 | 14.8 | 21.7 |

**461359** 2000 $CV_{97}$ 6 24.3 96°.09 1°.9/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.39 | −18 38.4 | 1.311 | 2.184 | 17.4 | 21.5 |
| 5 31 | 18 36.79 | −18 41.4 | 1.252 | 2.193 | 13.1 | 21.3 |
| 6 10 | 18 28.27 | −18 50.9 | 1.214 | 2.202 | 8.2 | 21.0 |
| 6 20 | 18 17.81 | −19 5.5 | 1.199 | 2.211 | 3.1 | 20.7 |
| 6 30 | 18 6.78 | −19 23.5 | 1.208 | 2.220 | 3.6 | 20.8 |
| 7 10 | 17 56.72 | −19 43.5 | 1.242 | 2.228 | 8.6 | 21.1 |
| 7 20 | 17 48.86 | −20 4.7 | 1.300 | 2.237 | 13.2 | 21.4 |
| 7 30 | 17 44.05 | −20 27.0 | 1.377 | 2.245 | 17.2 | 21.7 |

**244483** 2002 $ST_{61}$ 6 24.3 311°.79 4°.4/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.00 | −13 48.1 | 1.730 | 2.591 | 14.4 | 21.0 |
| 5 31 | 18 31.59 | −13 13.1 | 1.647 | 2.577 | 11.2 | 20.7 |
| 6 10 | 18 24.98 | −12 45.0 | 1.585 | 2.563 | 7.7 | 20.5 |
| 6 20 | 18 16.81 | −12 25.4 | 1.547 | 2.550 | 4.8 | 20.3 |
| 6 30 | 18 8.02 | −12 15.8 | 1.535 | 2.537 | 5.1 | 20.3 |
| 7 10 | 17 59.72 | −12 16.4 | 1.549 | 2.524 | 8.3 | 20.4 |
| 7 20 | 17 52.89 | −12 27.0 | 1.586 | 2.512 | 12.0 | 20.6 |
| 7 30 | 17 48.30 | −12 46.1 | 1.644 | 2.500 | 15.5 | 20.8 |

**350603** 2001 $RK_{105}$ 6 24.3 285°.42 5°.1/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.96 | −37 21.8 | 2.030 | 2.874 | 13.3 | 20.7 |
| 5 31 | 18 36.15 | −37 41.4 | 1.941 | 2.858 | 10.5 | 20.5 |
| 6 10 | 18 27.81 | −37 51.4 | 1.874 | 2.842 | 7.6 | 20.3 |
| 6 20 | 18 17.68 | −37 47.6 | 1.832 | 2.825 | 5.4 | 20.1 |
| 6 30 | 18 6.89 | −37 27.4 | 1.816 | 2.809 | 5.6 | 20.1 |
| 7 10 | 17 56.72 | −36 51.3 | 1.827 | 2.792 | 8.1 | 20.2 |
| 7 20 | 17 48.30 | −36 2.4 | 1.863 | 2.776 | 11.3 | 20.4 |
| 7 30 | 17 42.47 | −35 5.7 | 1.920 | 2.759 | 14.3 | 20.5 |

**307101** 2002 $CB_{13}$ 6 24.3 137°.63 6°.5/26.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 36.09 | + 0 23.7 | 2.676 | 3.465 | 12.0 | 20.3 |
| 5 31 | 18 30.76 | + 0 24.8 | 2.605 | 3.473 | 10.0 | 20.1 |
| 6 10 | 18 24.05 | + 0 11.6 | 2.557 | 3.481 | 8.1 | 20.0 |
| 6 20 | 18 16.44 | − 0 16.9 | 2.534 | 3.489 | 6.7 | 19.9 |
| 6 30 | 18 8.56 | − 1 0.4 | 2.539 | 3.496 | 6.6 | 19.9 |
| 7 10 | 18 1.07 | − 1 57.4 | 2.570 | 3.504 | 7.7 | 20.0 |
| 7 20 | 17 54.55 | − 3 4.9 | 2.628 | 3.510 | 9.5 | 20.2 |
| 7 30 | 17 49.50 | − 4 19.9 | 2.710 | 3.517 | 11.4 | 20.3 |

**169929** 2002 $SR_{60}$ 6 24.3 1°.72 1°.6/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.50 | −26 7.4 | 1.780 | 2.647 | 13.8 | 19.8 |
| 5 31 | 18 33.50 | −26 35.1 | 1.708 | 2.647 | 10.3 | 19.5 |
| 6 10 | 18 26.14 | −27 2.4 | 1.659 | 2.647 | 6.4 | 19.3 |
| 6 20 | 18 17.16 | −27 26.3 | 1.635 | 2.647 | 2.5 | 19.1 |
| 6 30 | 18 7.61 | −27 44.3 | 1.637 | 2.647 | 3.1 | 19.1 |
| 7 10 | 17 58.69 | −27 55.5 | 1.665 | 2.648 | 7.1 | 19.3 |
| 7 20 | 17 51.43 | −28 0.5 | 1.718 | 2.649 | 11.0 | 19.6 |
| 7 30 | 17 46.61 | −28 0.9 | 1.792 | 2.650 | 14.3 | 19.8 |

**317402** 2002 $PF_{122}$ 6 24.3 327°.15 1°.9/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.91 | −21 36.5 | 1.212 | 2.101 | 17.4 | 19.8 |
| 5 31 | 18 33.20 | −21 0.1 | 1.136 | 2.086 | 13.2 | 19.5 |
| 6 10 | 18 26.39 | −20 23.5 | 1.078 | 2.070 | 8.3 | 19.2 |
| 6 20 | 18 17.32 | −19 47.4 | 1.043 | 2.056 | 3.1 | 18.9 |
| 6 30 | 18 7.36 | −19 13.1 | 1.031 | 2.042 | 3.9 | 18.9 |
| 7 10 | 17 58.16 | −18 42.7 | 1.041 | 2.030 | 9.4 | 19.1 |
| 7 20 | 17 51.11 | −18 18.6 | 1.073 | 2.018 | 14.6 | 19.4 |
| 7 30 | 17 47.25 | −18 2.2 | 1.123 | 2.007 | 19.1 | 19.6 |

**443600** 2014 $KC_{97}$ 6 24.3 341°.30 5°.4/23.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.16 | −10 19.6 | 2.124 | 2.968 | 12.8 | 20.5 |
| 5 31 | 18 30.47 | − 9 21.2 | 2.049 | 2.965 | 10.1 | 20.3 |
| 6 10 | 18 24.04 | − 8 30.0 | 1.997 | 2.961 | 7.5 | 20.1 |
| 6 20 | 18 16.48 | − 7 48.6 | 1.970 | 2.959 | 5.6 | 20.0 |
| 6 30 | 18 8.55 | − 7 19.0 | 1.969 | 2.956 | 5.8 | 20.0 |
| 7 10 | 18 1.11 | − 7 2.2 | 1.995 | 2.953 | 8.0 | 20.1 |
| 7 20 | 17 54.87 | − 6 58.1 | 2.045 | 2.951 | 10.8 | 20.3 |
| 7 30 | 17 50.43 | − 7 5.2 | 2.118 | 2.949 | 13.4 | 20.5 |

**479069** 2013 $AJ_{83}$ 6 24.3 123°.26 2°.0/24.0 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.69 | −27 13.2 | 2.187 | 3.044 | 12.0 | 21.1 |
| 5 31 | 18 33.29 | −27 52.2 | 2.114 | 3.046 | 9.0 | 20.9 |
| 6 10 | 18 25.86 | −28 30.3 | 2.064 | 3.049 | 5.6 | 20.7 |
| 6 20 | 18 17.06 | −29 4.4 | 2.040 | 3.051 | 2.5 | 20.5 |
| 6 30 | 18 7.78 | −29 32.1 | 2.045 | 3.053 | 3.0 | 20.6 |
| 7 10 | 17 58.99 | −29 52.2 | 2.076 | 3.055 | 6.3 | 20.8 |
| 7 20 | 17 51.59 | −30 5.0 | 2.134 | 3.057 | 9.6 | 21.0 |
| 7 30 | 17 46.24 | −30 11.7 | 2.215 | 3.059 | 12.4 | 21.2 |

**61686** 2000 $QV_{126}$ 6 24.3 277°.15 1°.0/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.77 | −25 57.9 | 2.165 | 3.024 | 12.0 | 19.8 |
| 5 31 | 18 32.64 | −26 9.1 | 2.079 | 3.014 | 9.0 | 19.6 |
| 6 10 | 18 25.50 | −26 19.2 | 2.016 | 3.003 | 5.6 | 19.4 |
| 6 20 | 18 16.97 | −26 26.4 | 1.980 | 2.993 | 2.0 | 19.1 |
| 6 30 | 18 7.91 | −26 29.3 | 1.971 | 2.982 | 2.5 | 19.1 |
| 7 10 | 17 59.31 | −26 27.5 | 1.989 | 2.972 | 6.2 | 19.3 |
| 7 20 | 17 52.04 | −26 21.9 | 2.034 | 2.961 | 9.7 | 19.5 |
| 7 30 | 17 46.81 | −26 13.8 | 2.101 | 2.951 | 12.8 | 19.7 |

**474547** 2003 $WY_{122}$ 6 24.3 221°.55 1°.9/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.44 | −28 43.5 | 2.494 | 3.341 | 11.0 | 22.5 |
| 5 31 | 18 34.43 | −29 3.4 | 2.404 | 3.331 | 8.3 | 22.3 |
| 6 10 | 18 26.51 | −29 20.7 | 2.338 | 3.320 | 5.3 | 22.1 |
| 6 20 | 18 17.27 | −29 33.1 | 2.299 | 3.309 | 2.4 | 21.9 |
| 6 30 | 18 7.52 | −29 38.7 | 2.290 | 3.297 | 2.8 | 21.9 |
| 7 10 | 17 58.18 | −29 37.3 | 2.308 | 3.285 | 5.9 | 22.1 |
| 7 20 | 17 50.07 | −29 29.7 | 2.354 | 3.272 | 9.0 | 22.2 |
| 7 30 | 17 43.87 | −29 17.8 | 2.423 | 3.259 | 11.8 | 22.4 |

**117400** 2005 $AA_{8}$ 6 24.3 147°.44 3°.2/24.3 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.41 | −30 50.9 | 1.677 | 2.535 | 15.0 | 20.3 |
| 5 31 | 18 38.76 | −31 10.4 | 1.611 | 2.542 | 11.4 | 20.1 |
| 6 10 | 18 29.37 | −31 24.0 | 1.567 | 2.549 | 7.4 | 19.8 |
| 6 20 | 18 18.17 | −31 27.8 | 1.547 | 2.555 | 3.8 | 19.6 |
| 6 30 | 18 6.45 | −31 19.7 | 1.554 | 2.561 | 4.2 | 19.7 |
| 7 10 | 17 55.64 | −31 0.2 | 1.588 | 2.566 | 7.9 | 19.9 |
| 7 20 | 17 46.92 | −30 32.2 | 1.646 | 2.571 | 11.8 | 20.1 |
| 7 30 | 17 41.06 | −29 59.8 | 1.726 | 2.575 | 15.2 | 20.4 |

**166122** 2002 $CO_{221}$ 6 24.3 161°.62 3°.3/24.2 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.78 | −30 53.3 | 1.740 | 2.595 | 14.6 | 20.8 |
| 5 31 | 18 39.01 | −31 20.6 | 1.671 | 2.601 | 11.1 | 20.6 |
| 6 10 | 18 29.54 | −31 42.5 | 1.624 | 2.606 | 7.3 | 20.4 |
| 6 20 | 18 18.23 | −31 54.9 | 1.603 | 2.610 | 3.8 | 20.2 |
| 6 30 | 18 6.36 | −31 55.1 | 1.609 | 2.614 | 4.3 | 20.2 |
| 7 10 | 17 55.33 | −31 43.2 | 1.641 | 2.617 | 7.9 | 20.4 |
| 7 20 | 17 46.32 | −31 21.8 | 1.698 | 2.619 | 11.6 | 20.7 |
| 7 30 | 17 40.13 | −30 54.7 | 1.776 | 2.621 | 15.0 | 20.9 |

**480664** 2015 $OC_{45}$ 6 24.3 154°.21 0°.7/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 37.80 | −23 37.9 | 2.403 | 3.256 | 11.2 | 21.5 |
| 5 31 | 18 32.41 | −24 10.0 | 2.327 | 3.259 | 8.3 | 21.3 |
| 6 10 | 18 25.25 | −24 43.4 | 2.275 | 3.262 | 5.1 | 21.1 |
| 6 20 | 18 16.88 | −25 15.9 | 2.251 | 3.264 | 1.6 | 20.8 |
| 6 30 | 18 8.09 | −25 45.5 | 2.255 | 3.267 | 2.2 | 20.9 |
| 7 10 | 17 59.74 | −26 11.1 | 2.287 | 3.269 | 5.6 | 21.1 |
| 7 20 | 17 52.58 | −26 32.2 | 2.346 | 3.271 | 8.7 | 21.3 |
| 7 30 | 17 47.24 | −26 49.6 | 2.429 | 3.272 | 11.5 | 21.5 |

**75572** 2000 $AO_{6}$ 6 24.3 314°.56 3°.4/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.41 | −33 21.2 | 1.709 | 2.570 | 14.6 | 18.9 |
| 5 31 | 18 35.91 | −33 10.6 | 1.626 | 2.558 | 11.2 | 18.7 |
| 6 10 | 18 27.72 | −32 50.2 | 1.566 | 2.547 | 7.5 | 18.4 |
| 6 20 | 18 17.69 | −32 17.2 | 1.530 | 2.536 | 4.1 | 18.2 |
| 6 30 | 18 7.07 | −31 30.9 | 1.520 | 2.526 | 4.2 | 18.2 |
| 7 10 | 17 57.24 | −30 33.2 | 1.535 | 2.516 | 7.9 | 18.4 |
| 7 20 | 17 49.37 | −29 28.7 | 1.576 | 2.506 | 11.8 | 18.6 |
| 7 30 | 17 44.27 | −28 22.3 | 1.638 | 2.496 | 15.4 | 18.8 |

**475918** 2007 $EG_{4}$ 6 24.3 256°.27 5°.2/24.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.16 | − 6 29.0 | 2.513 | 3.336 | 11.7 | 21.6 |
| 5 31 | 18 30.34 | − 6 15.1 | 2.422 | 3.322 | 9.4 | 21.5 |
| 6 10 | 18 23.96 | − 6 11.5 | 2.355 | 3.309 | 7.1 | 21.3 |
| 6 20 | 18 16.51 | − 6 19.5 | 2.313 | 3.295 | 5.4 | 21.2 |
| 6 30 | 18 8.61 | − 6 39.5 | 2.298 | 3.281 | 5.4 | 21.1 |
| 7 10 | 18 1.02 | − 7 10.9 | 2.310 | 3.266 | 7.2 | 21.2 |
| 7 20 | 17 54.39 | − 7 52.0 | 2.348 | 3.252 | 9.7 | 21.3 |
| 7 30 | 17 49.30 | − 8 40.5 | 2.410 | 3.237 | 12.1 | 21.5 |

**137873** 2000 $AC_{91}$ 6 24.3 226°.21 1°.9/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.95 | −17 42.9 | 1.916 | 2.770 | 13.6 | 20.9 |
| 5 31 | 18 35.18 | −17 46.1 | 1.830 | 2.760 | 10.3 | 20.7 |
| 6 10 | 18 27.16 | −17 54.6 | 1.766 | 2.749 | 6.5 | 20.4 |
| 6 20 | 18 17.54 | −18 7.6 | 1.728 | 2.738 | 2.8 | 20.2 |
| 6 30 | 18 7.26 | −18 24.2 | 1.717 | 2.727 | 3.1 | 20.2 |
| 7 10 | 17 57.44 | −18 43.3 | 1.733 | 2.714 | 7.0 | 20.4 |
| 7 20 | 17 49.07 | −19 4.3 | 1.775 | 2.702 | 11.0 | 20.6 |
| 7 30 | 17 42.94 | −19 26.9 | 1.840 | 2.688 | 14.4 | 20.8 |

**428207** 2006 $UO_{281}$ 6 24.3 234°.10 1°.7/24.4 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.90 | −19 15.7 | 1.827 | 2.685 | 13.9 | 22.2 |
| 5 31 | 18 35.22 | −19 4.9 | 1.742 | 2.675 | 10.5 | 22.0 |
| 6 10 | 18 27.21 | −18 57.2 | 1.679 | 2.664 | 6.6 | 21.8 |
| 6 20 | 18 17.56 | −18 52.3 | 1.641 | 2.653 | 2.7 | 21.5 |
| 6 30 | 18 7.26 | −18 49.9 | 1.631 | 2.641 | 3.1 | 21.5 |
| 7 10 | 17 57.47 | −18 49.9 | 1.647 | 2.629 | 7.3 | 21.7 |
| 7 20 | 17 49.24 | −18 52.4 | 1.689 | 2.617 | 11.3 | 21.9 |
| 7 30 | 17 43.35 | −18 58.0 | 1.752 | 2.604 | 14.9 | 22.1 |

**316220** 2010 $NQ_{38}$ 6 24.3 294°.66 11°.0/23.1 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.45 | + 6 49.6 | 2.245 | 3.015 | 14.5 | 20.8 |
| 5 31 | 18 29.97 | + 8 16.5 | 2.168 | 3.001 | 13.0 | 20.6 |
| 6 10 | 18 23.81 | + 9 26.7 | 2.112 | 2.988 | 11.7 | 20.5 |
| 6 20 | 18 16.48 | +10 15.4 | 2.078 | 2.975 | 11.0 | 20.4 |
| 6 30 | 18 8.69 | +10 39.2 | 2.067 | 2.961 | 11.2 | 20.4 |
| 7 10 | 18 1.25 | +10 37.1 | 2.078 | 2.948 | 12.2 | 20.5 |
| 7 20 | 17 54.88 | +10 10.8 | 2.111 | 2.935 | 13.7 | 20.5 |
| 7 30 | 17 50.19 | + 9 23.7 | 2.163 | 2.922 | 15.4 | 20.7 |

**380863** 2006 $BJ_{158}$ 6 24.3 171°.33 3°.9/24.8 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.75 | −11 18.9 | 2.303 | 3.138 | 12.2 | 21.8 |
| 5 31 | 18 33.02 | −11 9.4 | 2.227 | 3.141 | 9.5 | 21.7 |
| 6 10 | 18 25.58 | −11 8.0 | 2.175 | 3.144 | 6.6 | 21.5 |
| 6 20 | 18 17.00 | −11 15.2 | 2.149 | 3.147 | 4.2 | 21.3 |
| 6 30 | 18 8.05 | −11 30.9 | 2.151 | 3.149 | 4.3 | 21.3 |
| 7 10 | 17 59.57 | −11 54.3 | 2.181 | 3.150 | 6.7 | 21.5 |
| 7 20 | 17 52.26 | −12 24.0 | 2.237 | 3.151 | 9.6 | 21.7 |
| 7 30 | 17 46.74 | −12 58.6 | 2.317 | 3.151 | 12.3 | 21.9 |

**440332** 2004 $TX_{124}$ 6 24.4 254°.70 2°.6/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.46 | −13 58.9 | 2.837 | 3.675 | 10.1 | 22.0 |
| 5 31 | 18 30.46 | −13 53.3 | 2.737 | 3.656 | 7.8 | 21.9 |
| 6 10 | 18 24.01 | −13 53.0 | 2.662 | 3.637 | 5.2 | 21.7 |
| 6 20 | 18 16.54 | −13 58.0 | 2.613 | 3.617 | 3.0 | 21.5 |
| 6 30 | 18 8.65 | −14 8.4 | 2.594 | 3.597 | 3.1 | 21.5 |
| 7 10 | 18 0.99 | −14 23.8 | 2.603 | 3.576 | 5.5 | 21.6 |
| 7 20 | 17 54.21 | −14 43.5 | 2.639 | 3.555 | 8.2 | 21.7 |
| 7 30 | 17 48.83 | −15 6.9 | 2.699 | 3.533 | 10.7 | 21.9 |

**179550** 2002 $CP_{302}$ 6 24.4 204°.02 2°.8/24.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.11 | −15 18.9 | 2.477 | 3.323 | 11.1 | 20.6 |
| 5 31 | 18 31.00 | −14 54.7 | 2.397 | 3.320 | 8.5 | 20.4 |
| 6 10 | 18 24.33 | −14 34.8 | 2.341 | 3.318 | 5.6 | 20.2 |
| 6 20 | 18 16.63 | −14 19.8 | 2.311 | 3.315 | 3.2 | 20.0 |
| 6 30 | 18 8.58 | −14 10.2 | 2.309 | 3.313 | 3.4 | 20.0 |
| 7 10 | 18 0.96 | −14 6.2 | 2.336 | 3.310 | 6.0 | 20.2 |
| 7 20 | 17 54.41 | −14 7.8 | 2.388 | 3.307 | 8.9 | 20.4 |
| 7 30 | 17 49.49 | −14 14.4 | 2.465 | 3.303 | 11.5 | 20.6 |

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| **119332** 2001 $SA_{140}$ | | | 6 24.4 162°.07 | | 2°.3/24.5 18 | |
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.84 | −17 52.4 | 1.772 | 2.632 | 14.2 | 20.2 |
| 5 31 | 18 34.34 | −17 40.4 | 1.701 | 2.634 | 10.7 | 20.0 |
| 6 10 | 18 26.60 | −17 32.9 | 1.652 | 2.636 | 6.8 | 19.8 |
| 6 20 | 18 17.36 | −17 30.0 | 1.627 | 2.638 | 3.0 | 19.6 |
| 6 30 | 18 7.64 | −17 31.2 | 1.630 | 2.639 | 3.4 | 19.6 |
| 7 10 | 17 58.57 | −17 36.5 | 1.659 | 2.640 | 7.3 | 19.8 |
| 7 20 | 17 51.09 | −17 45.4 | 1.713 | 2.641 | 11.1 | 20.1 |
| 7 30 | 17 45.94 | −17 57.8 | 1.788 | 2.642 | 14.5 | 20.3 |
| **470898** 2009 $CM_{23}$ | | | 6 24.4 248°.91 | | 3°.3/24.6 18 | |
| 5 21 | 18 37.82 | −13 17.8 | 2.278 | 3.120 | 12.1 | 22.0 |
| 5 31 | 18 32.54 | −13 8.9 | 2.184 | 3.104 | 9.4 | 21.8 |
| 6 10 | 18 25.43 | −13 6.8 | 2.113 | 3.087 | 6.4 | 21.6 |
| 6 20 | 18 17.01 | −13 12.1 | 2.068 | 3.070 | 3.8 | 21.4 |
| 6 30 | 18 8.05 | −13 24.6 | 2.050 | 3.052 | 3.9 | 21.3 |
| 7 10 | 17 59.41 | −13 44.0 | 2.061 | 3.034 | 6.7 | 21.5 |
| 7 20 | 17 51.88 | −14 9.1 | 2.097 | 3.016 | 9.9 | 21.6 |
| 7 30 | 17 46.15 | −14 38.9 | 2.157 | 2.997 | 12.9 | 21.8 |
| **162685** 2000 $TK_{59}$ | | | 6 24.4 242°.79 | | 12°.9/19.7 18 | |
| 5 21 | 18 58.68 | −51 58.0 | 1.882 | 2.667 | 16.4 | 19.8 |
| 5 31 | 18 50.97 | −54 18.4 | 1.805 | 2.651 | 14.7 | 19.6 |
| 6 10 | 18 38.35 | −56 24.6 | 1.749 | 2.633 | 13.4 | 19.5 |
| 6 20 | 18 21.42 | −58 3.7 | 1.716 | 2.615 | 12.9 | 19.4 |
| 6 30 | 18 1.98 | −59 4.8 | 1.706 | 2.596 | 13.5 | 19.4 |
| 7 10 | 17 42.81 | −59 23.9 | 1.719 | 2.576 | 14.9 | 19.5 |
| 7 20 | 17 26.65 | −59 5.4 | 1.751 | 2.555 | 16.9 | 19.6 |
| 7 30 | 17 15.45 | −58 19.0 | 1.801 | 2.534 | 18.9 | 19.7 |
| **240600** 2004 $VB_{22}$ | | | 6 24.4 259°.13 | | 0°.8/24.3 18 | |
| 5 21 | 18 39.59 | −24 3.0 | 1.852 | 2.715 | 13.5 | 20.2 |
| 5 31 | 18 34.32 | −24 27.2 | 1.771 | 2.708 | 10.2 | 20.0 |
| 6 10 | 18 26.70 | −24 52.9 | 1.713 | 2.701 | 6.2 | 19.7 |
| 6 20 | 18 17.43 | −25 17.4 | 1.680 | 2.694 | 2.0 | 19.4 |
| 6 30 | 18 7.52 | −25 38.3 | 1.675 | 2.687 | 2.7 | 19.4 |
| 7 10 | 17 58.13 | −25 54.6 | 1.696 | 2.679 | 6.9 | 19.7 |
| 7 20 | 17 50.30 | −26 6.2 | 1.742 | 2.672 | 10.9 | 19.9 |
| 7 30 | 17 44.83 | −26 14.3 | 1.810 | 2.664 | 14.3 | 20.1 |
| **74663** 1999 $RK_{93}$ | | | 6 24.4 318°.68 | | 4°.7/23.9 17 | |
| 5 21 | 18 39.30 | −30 46.2 | 1.240 | 2.124 | 17.5 | 19.0 |
| 5 31 | 18 35.44 | −31 32.5 | 1.162 | 2.107 | 13.5 | 18.7 |
| 6 10 | 18 28.06 | −32 15.7 | 1.103 | 2.090 | 9.1 | 18.4 |
| 6 20 | 18 17.99 | −32 49.3 | 1.066 | 2.073 | 5.2 | 18.2 |
| 6 30 | 18 6.72 | −33 7.7 | 1.052 | 2.058 | 5.9 | 18.1 |
| 7 10 | 17 56.14 | −33 9.0 | 1.061 | 2.043 | 10.3 | 18.3 |
| 7 20 | 17 47.96 | −32 55.2 | 1.090 | 2.028 | 15.1 | 18.6 |
| 7 30 | 17 43.40 | −32 31.0 | 1.138 | 2.015 | 19.5 | 18.8 |
| **482413** 2012 $BL_{82}$ | | | 6 24.4 218°.04 | | 1°.2/24.5 18 | |
| 5 21 | 18 35.73 | −18 22.7 | 2.689 | 3.537 | 10.3 | 22.2 |
| 5 31 | 18 30.70 | −18 31.3 | 2.604 | 3.532 | 7.7 | 22.0 |
| 6 10 | 18 24.16 | −18 43.4 | 2.544 | 3.527 | 4.8 | 21.8 |
| 6 20 | 18 16.59 | −18 58.4 | 2.510 | 3.522 | 1.9 | 21.6 |
| 6 30 | 18 8.65 | −19 15.4 | 2.506 | 3.516 | 2.2 | 21.6 |
| 7 10 | 18 1.05 | −19 33.7 | 2.530 | 3.510 | 5.2 | 21.8 |
| 7 20 | 17 54.43 | −19 52.8 | 2.581 | 3.504 | 8.1 | 21.9 |
| 7 30 | 17 49.34 | −20 12.4 | 2.656 | 3.498 | 10.7 | 22.1 |
| **440555** 2005 $UX_{264}$ | | | 6 24.4 227°.03 | | 0°.2/24.3 18 | |
| 5 21 | 18 37.08 | −23 41.4 | 2.735 | 3.584 | 10.1 | 22.2 |
| 5 31 | 18 31.73 | −23 48.0 | 2.645 | 3.575 | 7.5 | 22.0 |
| 6 10 | 18 24.80 | −23 54.6 | 2.580 | 3.565 | 4.6 | 21.8 |
| 6 20 | 18 16.79 | −24 0.2 | 2.542 | 3.555 | 1.4 | 21.6 |
| 6 30 | 18 8.38 | −24 3.9 | 2.533 | 3.545 | 1.9 | 21.6 |
| 7 10 | 18 0.32 | −24 5.5 | 2.553 | 3.534 | 5.1 | 21.8 |
| 7 20 | 17 53.29 | −24 5.2 | 2.600 | 3.523 | 8.0 | 22.0 |
| 7 30 | 17 47.84 | −24 3.9 | 2.671 | 3.511 | 10.7 | 22.1 |
| **342243** 2008 $SA_{282}$ | | | 6 24.4 200°.20 | | 3°.9/24.3 18 | |
| 5 21 | 18 38.54 | −13 14.9 | 2.258 | 3.098 | 12.2 | 21.2 |
| 5 31 | 18 32.93 | −12 39.0 | 2.177 | 3.095 | 9.5 | 21.0 |
| 6 10 | 18 25.57 | −12 8.7 | 2.119 | 3.092 | 6.5 | 20.8 |
| 6 20 | 18 17.03 | −11 45.2 | 2.089 | 3.088 | 4.2 | 20.6 |
| 6 30 | 18 8.10 | −11 29.5 | 2.086 | 3.083 | 4.4 | 20.6 |
| 7 10 | 17 59.63 | −11 22.2 | 2.110 | 3.078 | 7.0 | 20.8 |
| 7 20 | 17 52.37 | −11 23.1 | 2.161 | 3.073 | 10.0 | 21.0 |
| 7 30 | 17 46.92 | −11 31.5 | 2.234 | 3.067 | 12.7 | 21.1 |
| **137705** 1999 $XL_{81}$ | | | 6 24.4 220°.89 | | 0°.6/24.3 18 | |
| 5 21 | 18 41.58 | −22 55.9 | 1.672 | 2.537 | 14.7 | 20.4 |
| 5 31 | 18 36.01 | −23 26.3 | 1.595 | 2.533 | 11.0 | 20.1 |
| 6 10 | 18 27.84 | −23 59.7 | 1.540 | 2.528 | 6.8 | 19.9 |
| 6 20 | 18 17.81 | −24 33.0 | 1.510 | 2.524 | 2.1 | 19.6 |
| 6 30 | 18 7.06 | −25 3.3 | 1.507 | 2.519 | 2.8 | 19.6 |
| 7 10 | 17 56.91 | −25 28.7 | 1.530 | 2.514 | 7.5 | 19.9 |
| 7 20 | 17 48.51 | −25 49.0 | 1.578 | 2.509 | 11.7 | 20.1 |
| 7 30 | 17 42.75 | −26 5.0 | 1.647 | 2.504 | 15.4 | 20.3 |

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| **328090** 2007 $YG_{63}$ | | | 6 24.4 31°.73 | | 2°.5/24.3 17 | |
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 41.09 | −28 5.8 | 1.323 | 2.202 | 16.9 | 20.9 |
| 5 31 | 18 36.07 | −28 23.8 | 1.263 | 2.207 | 12.7 | 20.7 |
| 6 10 | 18 27.99 | −28 38.4 | 1.223 | 2.212 | 8.0 | 20.4 |
| 6 20 | 18 17.85 | −28 45.8 | 1.206 | 2.218 | 3.4 | 20.2 |
| 6 30 | 18 7.10 | −28 43.5 | 1.214 | 2.224 | 3.9 | 20.2 |
| 7 10 | 17 57.37 | −28 31.9 | 1.245 | 2.231 | 8.6 | 20.5 |
| 7 20 | 17 49.95 | −28 13.3 | 1.299 | 2.237 | 13.1 | 20.8 |
| 7 30 | 17 45.70 | −27 51.4 | 1.373 | 2.245 | 17.0 | 21.0 |
| **461826** 2006 $BN_{129}$ | | | 6 24.4 138°.91 | | 2°.6/24.4 17 | |
| 5 21 | 18 46.50 | −29 40.9 | 1.572 | 2.432 | 15.7 | 22.3 |
| 5 31 | 18 39.66 | −29 51.7 | 1.508 | 2.442 | 11.8 | 22.0 |
| 6 10 | 18 29.98 | −29 56.8 | 1.466 | 2.451 | 7.5 | 21.8 |
| 6 20 | 18 18.42 | −29 52.9 | 1.449 | 2.459 | 3.4 | 21.6 |
| 6 30 | 18 6.38 | −29 38.2 | 1.459 | 2.467 | 3.8 | 21.6 |
| 7 10 | 17 55.37 | −29 13.5 | 1.494 | 2.475 | 8.0 | 21.9 |
| 7 20 | 17 46.56 | −28 42.2 | 1.554 | 2.482 | 12.1 | 22.2 |
| 7 30 | 17 40.75 | −28 8.4 | 1.635 | 2.488 | 15.7 | 22.4 |
| **425896** 2011 $FV_{63}$ | | | 6 24.4 211°.97 | | 3°.5/24.2 17 | |
| 5 21 | 18 42.27 | −31 38.2 | 1.850 | 2.707 | 13.8 | 20.9 |
| 5 31 | 18 36.40 | −32 6.1 | 1.774 | 2.704 | 10.6 | 20.7 |
| 6 10 | 18 28.00 | −32 28.6 | 1.721 | 2.702 | 7.0 | 20.5 |
| 6 20 | 18 17.84 | −32 42.0 | 1.693 | 2.699 | 4.0 | 20.3 |
| 6 30 | 18 7.07 | −32 43.6 | 1.692 | 2.696 | 4.3 | 20.3 |
| 7 10 | 17 56.99 | −32 33.2 | 1.717 | 2.693 | 7.6 | 20.5 |
| 7 20 | 17 48.70 | −32 13.0 | 1.767 | 2.689 | 11.2 | 20.7 |
| 7 30 | 17 43.02 | −31 46.4 | 1.839 | 2.686 | 14.5 | 20.9 |
| **111507** 2001 $YE_{79}$ | | | 6 24.4 78°.81 | | 1°.8/24.3 18 | |
| 5 21 | 18 38.58 | −28 22.8 | 2.179 | 3.036 | 12.0 | 19.8 |
| 5 31 | 18 33.13 | −28 37.5 | 2.112 | 3.044 | 9.0 | 19.6 |
| 6 10 | 18 25.74 | −28 49.4 | 2.067 | 3.052 | 5.7 | 19.5 |
| 6 20 | 18 17.09 | −28 56.1 | 2.049 | 3.060 | 2.5 | 19.3 |
| 6 30 | 18 8.08 | −28 56.3 | 2.059 | 3.068 | 2.8 | 19.3 |
| 7 10 | 17 59.68 | −28 50.0 | 2.095 | 3.075 | 6.1 | 19.5 |
| 7 20 | 17 52.71 | −28 38.6 | 2.158 | 3.083 | 9.3 | 19.7 |
| 7 30 | 17 47.79 | −28 23.8 | 2.244 | 3.091 | 12.2 | 19.9 |
| **383863** 2008 $QO_{29}$ | | | 6 24.4 276°.63 | | 1°.7/24.3 18 | |
| 5 21 | 18 40.46 | −27 5.2 | 1.791 | 2.654 | 13.9 | 21.4 |
| 5 31 | 18 35.19 | −27 21.7 | 1.701 | 2.638 | 10.5 | 21.1 |
| 6 10 | 18 27.37 | −27 36.5 | 1.634 | 2.621 | 6.6 | 20.9 |
| 6 20 | 18 17.68 | −27 46.8 | 1.592 | 2.604 | 2.6 | 20.6 |
| 6 30 | 18 7.22 | −27 50.3 | 1.576 | 2.586 | 3.2 | 20.6 |
| 7 10 | 17 57.25 | −27 46.5 | 1.586 | 2.569 | 7.4 | 20.8 |
| 7 20 | 17 48.92 | −27 36.6 | 1.621 | 2.551 | 11.6 | 21.0 |
| 7 30 | 17 43.15 | −27 22.9 | 1.678 | 2.534 | 15.2 | 21.2 |
| **335031** 2004 $QJ_{17}$ | | | 6 24.4 250°.50 | | 13°.3/21.1 17 | |
| 5 21 | 18 44.00 | − 4 13.4 | 1.205 | 2.051 | 20.4 | 19.8 |
| 5 31 | 18 38.28 | − 1 28.3 | 1.138 | 2.042 | 17.3 | 19.5 |
| 6 10 | 18 29.44 | + 1 6.2 | 1.091 | 2.032 | 14.6 | 19.3 |
| 6 20 | 18 18.35 | + 3 18.2 | 1.065 | 2.023 | 13.3 | 19.2 |
| 6 30 | 18 6.41 | + 4 56.8 | 1.062 | 2.012 | 14.2 | 19.3 |
| 7 10 | 17 55.25 | + 5 56.0 | 1.080 | 2.002 | 16.8 | 19.4 |
| 7 20 | 17 46.27 | + 6 16.1 | 1.117 | 1.991 | 20.0 | 19.5 |
| 7 30 | 17 40.47 | + 6 2.4 | 1.170 | 1.980 | 23.2 | 19.7 |
| **428149** 2006 $SK_{215}$ | | | 6 24.4 237°.92 | | 1°.1/24.3 17 | |
| 5 21 | 18 42.52 | −25 3.9 | 1.867 | 2.725 | 13.7 | 22.3 |
| 5 31 | 18 36.59 | −25 25.5 | 1.778 | 2.712 | 10.3 | 22.1 |
| 6 10 | 18 28.17 | −25 47.3 | 1.712 | 2.698 | 6.4 | 21.8 |
| 6 20 | 18 17.93 | −26 6.8 | 1.671 | 2.684 | 2.2 | 21.5 |
| 6 30 | 18 6.92 | −26 21.3 | 1.658 | 2.669 | 2.8 | 21.5 |
| 7 10 | 17 56.38 | −26 30.0 | 1.672 | 2.654 | 7.2 | 21.8 |
| 7 20 | 17 47.43 | −26 33.3 | 1.711 | 2.638 | 11.3 | 22.0 |
| 7 30 | 17 40.96 | −26 33.0 | 1.772 | 2.621 | 14.8 | 22.2 |
| **16868** 1998 $AK_{8}$ | | | 6 24.4 103°.61 | | 24°.7/15.2 18 | |
| 5 21 | 19 5.58 | +39 27.5 | 1.322 | 1.864 | 31.6 | 19.9 |
| 5 31 | 18 53.86 | +39 16.4 | 1.274 | 1.885 | 30.3 | 19.8 |
| 6 10 | 18 38.45 | +38 6.3 | 1.232 | 1.906 | 28.7 | 19.7 |
| 6 20 | 18 20.93 | +35 44.9 | 1.201 | 1.927 | 27.0 | 19.6 |
| 6 30 | 18 3.42 | +32 7.2 | 1.185 | 1.946 | 25.6 | 19.6 |
| 7 10 | 17 47.98 | +27 21.2 | 1.188 | 1.965 | 24.8 | 19.6 |
| 7 20 | 17 36.00 | +21 46.6 | 1.215 | 1.983 | 24.8 | 19.7 |
| 7 30 | 17 28.17 | +15 49.2 | 1.266 | 2.000 | 25.5 | 19.8 |
| **183257** 2002 $TA_{185}$ | | | 6 24.4 266°.28 | | 0°.3/24.4 18 | |
| 5 21 | 18 40.94 | −22 57.3 | 1.640 | 2.507 | 14.8 | 20.9 |
| 5 31 | 18 35.61 | −22 51.8 | 1.554 | 2.493 | 11.2 | 20.6 |
| 6 10 | 18 27.64 | −22 46.6 | 1.490 | 2.479 | 6.9 | 20.4 |
| 6 20 | 18 17.78 | −22 40.6 | 1.451 | 2.464 | 2.2 | 20.0 |
| 6 30 | 18 7.14 | −22 32.9 | 1.437 | 2.450 | 2.8 | 20.0 |
| 7 10 | 17 57.07 | −22 23.5 | 1.450 | 2.435 | 7.7 | 20.3 |
| 7 20 | 17 48.75 | −22 13.6 | 1.487 | 2.420 | 12.2 | 20.5 |
| 7 30 | 17 43.09 | −22 4.9 | 1.545 | 2.405 | 16.1 | 20.7 |

**290145** 2005 $QY_{174}$ 6 24.4 331.°50 1.°7/24.2 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 32.56 | −23 14.6 | 1.048 | 1.952 | 18.3 | 19.6 |
| 5 31 | 18 30.58 | −22 30.0 | 0.961 | 1.919 | 14.0 | 19.2 |
| 6 10 | 18 25.21 | −21 40.8 | 0.893 | 1.888 | 8.9 | 18.8 |
| 6 20 | 18 17.17 | −20 47.5 | 0.845 | 1.859 | 3.2 | 18.4 |
| 6 30 | 18 7.84 | −19 52.4 | 0.818 | 1.831 | 4.1 | 18.3 |
| 7 10 | 17 59.08 | −18 59.4 | 0.812 | 1.804 | 10.4 | 18.6 |
| 7 20 | 17 52.59 | −18 12.8 | 0.825 | 1.780 | 16.4 | 18.8 |
| 7 30 | 17 49.68 | −17 36.1 | 0.854 | 1.758 | 21.7 | 19.0 |

**208598** 2002 $CN_{159}$ 6 24.4 81.°27 1.°5/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.32 | −18 51.2 | 1.387 | 2.259 | 16.7 | 19.7 |
| 5 31 | 18 35.96 | −19 4.2 | 1.326 | 2.267 | 12.5 | 19.4 |
| 6 10 | 18 27.83 | −19 23.8 | 1.286 | 2.274 | 7.8 | 19.2 |
| 6 20 | 18 17.80 | −19 48.1 | 1.269 | 2.282 | 2.9 | 18.9 |
| 6 30 | 18 7.20 | −20 14.9 | 1.277 | 2.289 | 3.3 | 19.0 |
| 7 10 | 17 57.46 | −20 42.3 | 1.310 | 2.296 | 8.2 | 19.3 |
| 7 20 | 17 49.77 | −21 9.4 | 1.367 | 2.304 | 12.7 | 19.5 |
| 7 30 | 17 44.98 | −21 35.9 | 1.444 | 2.311 | 16.6 | 19.8 |

**217359** 2004 $SE_{47}$ 6 24.4 298.°77 1.°1/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.01 | −26 25.4 | 2.185 | 3.045 | 11.9 | 20.5 |
| 5 31 | 18 32.14 | −26 33.0 | 2.095 | 3.030 | 8.9 | 20.3 |
| 6 10 | 18 25.27 | −26 39.1 | 2.028 | 3.014 | 5.5 | 20.1 |
| 6 20 | 18 17.00 | −26 41.9 | 1.986 | 2.999 | 2.0 | 19.8 |
| 6 30 | 18 8.18 | −26 40.1 | 1.972 | 2.984 | 2.5 | 19.8 |
| 7 10 | 17 59.78 | −26 33.7 | 1.986 | 2.968 | 6.2 | 20.0 |
| 7 20 | 17 52.68 | −26 23.5 | 2.025 | 2.953 | 9.7 | 20.2 |
| 7 30 | 17 47.59 | −26 11.1 | 2.087 | 2.939 | 12.8 | 20.4 |

**410750** 2009 $DO_{36}$ 6 24.4 145.°38 1.°4/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.60 | −19 40.5 | 1.695 | 2.553 | 14.8 | 22.4 |
| 5 31 | 18 37.19 | −19 37.7 | 1.629 | 2.563 | 11.1 | 22.2 |
| 6 10 | 18 28.36 | −19 38.5 | 1.586 | 2.572 | 6.9 | 22.0 |
| 6 20 | 18 17.94 | −19 41.8 | 1.568 | 2.580 | 2.6 | 21.7 |
| 6 30 | 18 7.06 | −19 46.6 | 1.577 | 2.588 | 3.0 | 21.8 |
| 7 10 | 17 56.97 | −19 52.6 | 1.613 | 2.595 | 7.3 | 22.0 |
| 7 20 | 17 48.68 | −19 59.8 | 1.673 | 2.602 | 11.4 | 22.3 |
| 7 30 | 17 42.93 | −20 8.7 | 1.756 | 2.608 | 14.8 | 22.5 |

**192946** 2000 $AQ_{230}$ 6 24.4 217.°96 7.°0/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 49.96 | −47 13.5 | 2.686 | 3.477 | 11.9 | 21.2 |
| 5 31 | 18 41.76 | −47 39.3 | 2.599 | 3.467 | 10.0 | 21.0 |
| 6 10 | 18 31.09 | −47 51.1 | 2.534 | 3.455 | 8.3 | 20.9 |
| 6 20 | 18 18.79 | −47 44.4 | 2.495 | 3.444 | 7.1 | 20.8 |
| 6 30 | 18 6.00 | −47 16.5 | 2.482 | 3.431 | 7.2 | 20.8 |
| 7 10 | 17 53.99 | −46 28.3 | 2.497 | 3.418 | 8.4 | 20.8 |
| 7 20 | 17 43.81 | −45 23.3 | 2.538 | 3.404 | 10.3 | 20.9 |
| 7 30 | 17 36.22 | −44 7.0 | 2.601 | 3.390 | 12.4 | 21.1 |

**520384** 2014 $HL_{206}$ 6 24.4 24.°30 3.°9/24.2 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.82 | −15 11.1 | 1.798 | 2.660 | 13.9 | 20.5 |
| 5 31 | 18 31.20 | −14 24.5 | 1.736 | 2.668 | 10.7 | 20.3 |
| 6 10 | 18 24.61 | −13 43.4 | 1.696 | 2.676 | 7.2 | 20.1 |
| 6 20 | 18 16.77 | −13 9.7 | 1.681 | 2.684 | 4.3 | 20.0 |
| 6 30 | 18 8.61 | −12 44.8 | 1.692 | 2.694 | 4.6 | 20.0 |
| 7 10 | 18 1.11 | −12 29.6 | 1.728 | 2.703 | 7.6 | 20.2 |
| 7 20 | 17 55.10 | −12 23.9 | 1.789 | 2.714 | 11.0 | 20.4 |
| 7 30 | 17 51.18 | −12 26.9 | 1.871 | 2.724 | 14.0 | 20.6 |

**476949** 2008 $XA_{17}$ 6 24.4 292.°65 1.°6/24.4 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.91 | −19 27.0 | 1.768 | 2.633 | 14.0 | 21.7 |
| 5 31 | 18 33.12 | −19 20.9 | 1.683 | 2.620 | 10.6 | 21.5 |
| 6 10 | 18 26.02 | −19 18.5 | 1.620 | 2.607 | 6.7 | 21.2 |
| 6 20 | 18 17.28 | −19 19.2 | 1.582 | 2.594 | 2.6 | 20.9 |
| 6 30 | 18 7.88 | −19 22.6 | 1.570 | 2.581 | 3.0 | 20.9 |
| 7 10 | 17 58.97 | −19 28.2 | 1.584 | 2.569 | 7.2 | 21.2 |
| 7 20 | 17 51.57 | −19 36.0 | 1.623 | 2.556 | 11.4 | 21.4 |
| 7 30 | 17 46.51 | −19 46.2 | 1.683 | 2.543 | 15.0 | 21.6 |

**16924** 1998 $FL_{61}$ 6 24.4 312.°36 6.°0/23.9 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.62 | −38 21.6 | 1.993 | 2.839 | 13.4 | 16.6 |
| 5 31 | 18 35.31 | −39 5.8 | 1.912 | 2.828 | 10.7 | 16.4 |
| 6 10 | 18 27.43 | −39 40.9 | 1.854 | 2.818 | 8.1 | 16.3 |
| 6 20 | 18 17.73 | −40 2.0 | 1.821 | 2.808 | 6.2 | 16.1 |
| 6 30 | 18 7.32 | −40 5.7 | 1.813 | 2.798 | 6.5 | 16.1 |
| 7 10 | 17 57.53 | −39 51.5 | 1.831 | 2.788 | 8.7 | 16.2 |
| 7 20 | 17 49.51 | −39 21.9 | 1.872 | 2.778 | 11.6 | 16.4 |
| 7 30 | 17 44.10 | −38 41.3 | 1.935 | 2.769 | 14.4 | 16.6 |

**95132** 2002 $AO_{155}$ 6 24.4 76.°29 4.°4/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.92 | − 9 23.2 | 2.240 | 3.077 | 12.5 | 19.5 |
| 5 31 | 18 30.93 | − 9 19.4 | 2.177 | 3.090 | 9.8 | 19.4 |
| 6 10 | 18 24.32 | − 9 25.6 | 2.137 | 3.103 | 7.0 | 19.2 |
| 6 20 | 18 16.68 | − 9 42.2 | 2.122 | 3.116 | 4.7 | 19.1 |
| 6 30 | 18 8.75 | −10 8.8 | 2.134 | 3.128 | 4.7 | 19.1 |
| 7 10 | 18 1.32 | −10 44.0 | 2.174 | 3.141 | 6.8 | 19.3 |
| 7 20 | 17 55.07 | −11 25.8 | 2.239 | 3.154 | 9.5 | 19.5 |
| 7 30 | 17 50.55 | −12 12.1 | 2.327 | 3.167 | 12.1 | 19.7 |

**261062** 2005 $SV_{188}$ 6 24.4 268.°39 2.°0/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.10 | −28 26.9 | 2.260 | 3.116 | 11.7 | 21.1 |
| 5 31 | 18 32.87 | −28 47.3 | 2.180 | 3.112 | 8.8 | 20.9 |
| 6 10 | 18 25.68 | −29 5.3 | 2.123 | 3.107 | 5.6 | 20.6 |
| 6 20 | 18 17.15 | −29 18.4 | 2.092 | 3.102 | 2.5 | 20.4 |
| 6 30 | 18 8.15 | −29 25.0 | 2.089 | 3.097 | 2.9 | 20.5 |
| 7 10 | 17 59.62 | −29 24.8 | 2.113 | 3.092 | 6.1 | 20.7 |
| 7 20 | 17 52.43 | −29 18.4 | 2.163 | 3.088 | 9.4 | 20.8 |
| 7 30 | 17 47.24 | −29 7.9 | 2.237 | 3.083 | 12.3 | 21.0 |

**335158** 2004 $XP_{83}$ 6 24.4 221.°77 0.°5/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.45 | −24 48.3 | 2.255 | 3.107 | 11.8 | 21.4 |
| 5 31 | 18 34.57 | −24 50.4 | 2.167 | 3.099 | 8.9 | 21.2 |
| 6 10 | 18 26.71 | −24 51.5 | 2.103 | 3.089 | 5.5 | 21.0 |
| 6 20 | 18 17.48 | −24 50.3 | 2.066 | 3.080 | 1.8 | 20.7 |
| 6 30 | 18 7.74 | −24 45.7 | 2.057 | 3.069 | 2.2 | 20.8 |
| 7 10 | 17 58.47 | −24 37.8 | 2.077 | 3.059 | 6.0 | 21.0 |
| 7 20 | 17 50.51 | −24 27.4 | 2.122 | 3.047 | 9.5 | 21.2 |
| 7 30 | 17 44.56 | −24 16.1 | 2.191 | 3.036 | 12.6 | 21.4 |

**111714** 2002 $CM_{34}$ 6 24.4 102.°52 0.°7/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.81 | −24 18.9 | 2.293 | 3.149 | 11.5 | 19.6 |
| 5 31 | 18 32.49 | −24 41.7 | 2.223 | 3.156 | 8.6 | 19.4 |
| 6 10 | 18 25.36 | −25 4.8 | 2.176 | 3.162 | 5.2 | 19.2 |
| 6 20 | 18 17.04 | −25 26.4 | 2.156 | 3.169 | 1.7 | 19.0 |
| 6 30 | 18 8.34 | −25 44.8 | 2.164 | 3.176 | 2.2 | 19.0 |
| 7 10 | 18 0.14 | −25 59.2 | 2.200 | 3.182 | 5.7 | 19.3 |
| 7 20 | 17 53.22 | −26 9.8 | 2.262 | 3.188 | 8.9 | 19.5 |
| 7 30 | 17 48.18 | −26 17.3 | 2.348 | 3.195 | 11.7 | 19.7 |

**236808** 2007 $RX_{12}$ 6 24.4 332.°12 2.°4/24.3 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.32 | −28 54.7 | 1.702 | 2.570 | 14.3 | 20.7 |
| 5 31 | 18 34.34 | −29 8.8 | 1.627 | 2.565 | 10.8 | 20.5 |
| 6 10 | 18 26.82 | −29 19.2 | 1.574 | 2.560 | 6.9 | 20.2 |
| 6 20 | 18 17.55 | −29 23.0 | 1.545 | 2.555 | 3.1 | 20.0 |
| 6 30 | 18 7.67 | −29 18.1 | 1.542 | 2.551 | 3.5 | 20.0 |
| 7 10 | 17 58.48 | −29 4.8 | 1.565 | 2.547 | 7.5 | 20.2 |
| 7 20 | 17 51.09 | −28 44.8 | 1.612 | 2.544 | 11.5 | 20.5 |
| 7 30 | 17 46.29 | −28 21.2 | 1.680 | 2.540 | 15.0 | 20.7 |

**440535** 2005 $UA_{147}$ 6 24.4 272.°04 0.°6/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.01 | −21 57.8 | 2.330 | 3.185 | 11.4 | 21.5 |
| 5 31 | 18 31.95 | −21 48.9 | 2.239 | 3.171 | 8.6 | 21.2 |
| 6 10 | 18 25.09 | −21 40.5 | 2.171 | 3.158 | 5.3 | 21.0 |
| 6 20 | 18 16.98 | −21 32.3 | 2.130 | 3.144 | 1.7 | 20.7 |
| 6 30 | 18 8.39 | −21 23.7 | 2.118 | 3.129 | 2.2 | 20.8 |
| 7 10 | 18 0.20 | −21 15.2 | 2.133 | 3.115 | 5.8 | 21.0 |
| 7 20 | 17 53.18 | −21 7.1 | 2.174 | 3.101 | 9.2 | 21.2 |
| 7 30 | 17 47.98 | −21 0.4 | 2.238 | 3.087 | 12.2 | 21.3 |

**189372** 2008 $ES_{153}$ 6 24.4 25.°21 1.°3/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.52 | −18 3.3 | 2.160 | 3.016 | 12.2 | 20.1 |
| 5 31 | 18 31.62 | −18 25.0 | 2.085 | 3.017 | 9.1 | 19.9 |
| 6 10 | 18 24.89 | −18 52.0 | 2.034 | 3.019 | 5.7 | 19.7 |
| 6 20 | 18 16.91 | −19 22.9 | 2.009 | 3.021 | 2.2 | 19.5 |
| 6 30 | 18 8.49 | −19 56.3 | 2.011 | 3.023 | 2.4 | 19.5 |
| 7 10 | 18 0.53 | −20 30.4 | 2.041 | 3.025 | 6.0 | 19.7 |
| 7 20 | 17 53.81 | −21 4.1 | 2.097 | 3.027 | 9.4 | 19.9 |
| 7 30 | 17 48.98 | −21 36.9 | 2.177 | 3.029 | 12.3 | 20.1 |

**437528** 2013 $YQ_{109}$ 6 24.4 121.°82 0.°1/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.53 | −23 31.8 | 1.931 | 2.792 | 13.2 | 21.7 |
| 5 31 | 18 34.02 | −23 28.1 | 1.860 | 2.796 | 9.8 | 21.5 |
| 6 10 | 18 26.40 | −23 24.4 | 1.812 | 2.799 | 6.0 | 21.3 |
| 6 20 | 18 17.37 | −23 19.4 | 1.789 | 2.803 | 1.9 | 21.0 |
| 6 30 | 18 7.93 | −23 12.5 | 1.794 | 2.806 | 2.4 | 21.1 |
| 7 10 | 17 59.14 | −23 3.9 | 1.825 | 2.809 | 6.5 | 21.3 |
| 7 20 | 17 51.88 | −22 54.5 | 1.882 | 2.813 | 10.2 | 21.6 |
| 7 30 | 17 46.84 | −22 45.7 | 1.962 | 2.816 | 13.4 | 21.8 |

**288726** 2004 $RG_{44}$ 6 24.4 225.°22 6.°6/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.58 | −41 13.2 | 2.015 | 2.845 | 13.9 | 21.1 |
| 5 31 | 18 39.73 | −41 43.1 | 1.936 | 2.839 | 11.3 | 20.9 |
| 6 10 | 18 30.10 | −42 0.5 | 1.878 | 2.831 | 8.7 | 20.7 |
| 6 20 | 18 18.56 | −42 0.2 | 1.844 | 2.824 | 6.8 | 20.6 |
| 6 30 | 18 6.40 | −41 39.1 | 1.837 | 2.816 | 6.9 | 20.6 |
| 7 10 | 17 55.06 | −40 58.0 | 1.856 | 2.808 | 9.0 | 20.7 |
| 7 20 | 17 45.75 | −40 1.0 | 1.900 | 2.799 | 11.8 | 20.8 |
| 7 30 | 17 39.30 | −38 53.9 | 1.966 | 2.791 | 14.5 | 21.0 |

**56855** 2000 $QJ_{73}$ 6 24.4 313.°64 5.°4/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.19 | −37 51.4 | 2.014 | 2.860 | 13.3 | 19.0 |
| 5 31 | 18 35.59 | −38 17.9 | 1.937 | 2.853 | 10.6 | 18.8 |
| 6 10 | 18 27.52 | −38 34.6 | 1.881 | 2.847 | 7.7 | 18.6 |
| 6 20 | 18 17.76 | −38 37.4 | 1.850 | 2.841 | 5.6 | 18.5 |
| 6 30 | 18 7.43 | −38 23.7 | 1.845 | 2.835 | 5.8 | 18.5 |
| 7 10 | 17 57.80 | −37 54.1 | 1.866 | 2.829 | 8.1 | 18.6 |
| 7 20 | 17 49.94 | −37 11.6 | 1.912 | 2.823 | 11.1 | 18.8 |
| 7 30 | 17 44.64 | −36 20.7 | 1.980 | 2.818 | 13.9 | 18.9 |

**181354** 2006 $RP_{39}$ 6 24.4 236°.26 1°.3/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 43.15 | −25 51.4 | 1.942 | 2.797 | 13.4 | 21.5 |
| 5 31 | 18 37.04 | −26 12.1 | 1.851 | 2.783 | 10.1 | 21.2 |
| 6 10 | 18 28.46 | −26 32.3 | 1.782 | 2.768 | 6.3 | 21.0 |
| 6 20 | 18 18.09 | −26 49.3 | 1.740 | 2.752 | 2.3 | 20.7 |
| 6 30 | 18 6.95 | −27 0.7 | 1.725 | 2.736 | 2.9 | 20.7 |
| 7 10 | 17 56.26 | −27 5.5 | 1.737 | 2.718 | 7.0 | 20.9 |
| 7 20 | 17 47.12 | −27 4.5 | 1.775 | 2.700 | 11.0 | 21.1 |
| 7 30 | 17 40.40 | −26 59.7 | 1.836 | 2.682 | 14.5 | 21.3 |

**308464** 2005 $SB_{289}$ 6 24.4 100°.09 5°.2/23.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.65 | −36 39.9 | 2.426 | 3.261 | 11.7 | 20.5 |
| 5 31 | 18 36.35 | −37 57.6 | 2.363 | 3.273 | 9.2 | 20.4 |
| 6 10 | 18 27.87 | −39 8.8 | 2.325 | 3.285 | 6.8 | 20.2 |
| 6 20 | 18 17.87 | −40 8.6 | 2.313 | 3.297 | 5.3 | 20.1 |
| 6 30 | 18 7.29 | −40 53.1 | 2.330 | 3.308 | 5.7 | 20.2 |
| 7 10 | 17 57.23 | −41 21.1 | 2.373 | 3.320 | 7.6 | 20.3 |
| 7 20 | 17 48.63 | −41 33.7 | 2.443 | 3.331 | 9.9 | 20.5 |
| 7 30 | 17 42.24 | −41 33.9 | 2.534 | 3.342 | 12.1 | 20.7 |

**193521** 2000 $YG_{63}$ 6 24.4 146°.20 3°.0/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.30 | −12 59.5 | 2.053 | 2.897 | 13.2 | 20.1 |
| 5 31 | 18 33.71 | −13 19.9 | 1.980 | 2.902 | 10.1 | 19.9 |
| 6 10 | 18 26.17 | −13 49.5 | 1.931 | 2.908 | 6.7 | 19.8 |
| 6 20 | 18 17.33 | −14 27.7 | 1.907 | 2.913 | 3.6 | 19.6 |
| 6 30 | 18 8.03 | −15 12.8 | 1.911 | 2.917 | 3.6 | 19.6 |
| 7 10 | 17 59.23 | −16 2.4 | 1.943 | 2.921 | 6.7 | 19.8 |
| 7 20 | 17 51.76 | −16 54.4 | 2.002 | 2.925 | 10.0 | 20.0 |
| 7 30 | 17 46.29 | −17 47.0 | 2.083 | 2.929 | 13.0 | 20.2 |

**344901** 2004 $RC_{136}$ 6 24.4 302°.00 8°.8/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 47.37 | −43 54.6 | 1.609 | 2.446 | 16.5 | 21.6 |
| 5 31 | 18 41.41 | −44 23.1 | 1.513 | 2.416 | 13.8 | 21.3 |
| 6 10 | 18 31.73 | −44 34.9 | 1.436 | 2.386 | 11.1 | 21.1 |
| 6 20 | 18 19.22 | −44 21.9 | 1.381 | 2.356 | 9.1 | 20.9 |
| 6 30 | 18 5.51 | −43 38.4 | 1.350 | 2.326 | 9.2 | 20.8 |
| 7 10 | 17 52.64 | −42 24.9 | 1.343 | 2.296 | 11.5 | 20.9 |
| 7 20 | 17 42.35 | −40 47.4 | 1.358 | 2.266 | 14.9 | 21.0 |
| 7 30 | 17 35.82 | −38 55.8 | 1.394 | 2.237 | 18.4 | 21.1 |

**187224** 2005 $SS_{140}$ 6 24.4 224°.96 0°.2/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.08 | −22 23.9 | 2.334 | 3.189 | 11.4 | 21.6 |
| 5 31 | 18 31.96 | −22 31.6 | 2.254 | 3.187 | 8.5 | 21.4 |
| 6 10 | 18 25.07 | −22 40.5 | 2.198 | 3.184 | 5.2 | 21.2 |
| 6 20 | 18 16.99 | −22 49.5 | 2.168 | 3.181 | 1.6 | 20.9 |
| 6 30 | 18 8.49 | −22 57.4 | 2.166 | 3.179 | 2.1 | 20.9 |
| 7 10 | 18 0.43 | −23 4.0 | 2.193 | 3.176 | 5.6 | 21.2 |
| 7 20 | 17 53.58 | −23 9.3 | 2.245 | 3.173 | 8.9 | 21.4 |
| 7 30 | 17 48.54 | −23 13.9 | 2.321 | 3.170 | 11.8 | 21.6 |

**102754** 1999 $VY_{123}$ 6 24.4 342°.56 2°.1/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.83 | −19 18.8 | 1.153 | 2.044 | 18.0 | 19.8 |
| 5 31 | 18 32.51 | −19 10.5 | 1.084 | 2.035 | 13.6 | 19.5 |
| 6 10 | 18 26.10 | −19 8.1 | 1.034 | 2.026 | 8.6 | 19.2 |
| 6 20 | 18 17.43 | −19 11.3 | 1.005 | 2.018 | 3.4 | 18.9 |
| 6 30 | 18 7.90 | −19 19.4 | 0.999 | 2.011 | 3.9 | 18.9 |
| 7 10 | 17 59.15 | −19 31.5 | 1.016 | 2.006 | 9.3 | 19.2 |
| 7 20 | 17 52.59 | −19 47.2 | 1.053 | 2.001 | 14.4 | 19.4 |
| 7 30 | 17 49.23 | −20 5.7 | 1.108 | 1.998 | 18.9 | 19.7 |

**208974** 2002 $XM_{118}$ 6 24.4 340°.26 1°.1/24.4 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.46 | −20 23.9 | 1.907 | 2.770 | 13.2 | 20.5 |
| 5 31 | 18 32.55 | −20 21.3 | 1.831 | 2.768 | 9.9 | 20.3 |
| 6 10 | 18 25.56 | −20 21.5 | 1.779 | 2.766 | 6.1 | 20.0 |
| 6 20 | 18 17.17 | −20 23.7 | 1.752 | 2.764 | 2.2 | 19.8 |
| 6 30 | 18 8.29 | −20 27.2 | 1.751 | 2.763 | 2.6 | 19.8 |
| 7 10 | 17 59.97 | −20 31.7 | 1.777 | 2.762 | 6.6 | 20.1 |
| 7 20 | 17 53.10 | −20 37.3 | 1.829 | 2.760 | 10.3 | 20.3 |
| 7 30 | 17 48.37 | −20 44.2 | 1.902 | 2.759 | 13.6 | 20.5 |

**504861** 2010 $UT_{14}$ 6 24.4 282°.50 0°.7/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.62 | −22 8.1 | 1.556 | 2.424 | 15.4 | 22.0 |
| 5 31 | 18 36.50 | −22 2.4 | 1.458 | 2.397 | 11.7 | 21.7 |
| 6 10 | 18 28.48 | −21 58.1 | 1.380 | 2.369 | 7.3 | 21.4 |
| 6 20 | 18 18.20 | −21 53.8 | 1.327 | 2.341 | 2.4 | 21.0 |
| 6 30 | 18 6.83 | −21 48.5 | 1.299 | 2.312 | 3.1 | 21.0 |
| 7 10 | 17 55.82 | −21 42.0 | 1.297 | 2.283 | 8.3 | 21.2 |
| 7 20 | 17 46.55 | −21 35.5 | 1.319 | 2.253 | 13.3 | 21.4 |
| 7 30 | 17 40.12 | −21 30.4 | 1.360 | 2.223 | 17.7 | 21.6 |

**199195** 2006 $AD_{1}$ 6 24.4 337°.30 2°.9/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.36 | −16 42.7 | 1.430 | 2.306 | 16.1 | 20.1 |
| 5 31 | 18 32.36 | −16 35.1 | 1.356 | 2.297 | 12.3 | 19.8 |
| 6 10 | 18 25.75 | −16 35.1 | 1.302 | 2.289 | 7.9 | 19.5 |
| 6 20 | 18 17.29 | −16 42.9 | 1.272 | 2.282 | 3.8 | 19.3 |
| 6 30 | 18 8.11 | −16 57.8 | 1.265 | 2.275 | 4.1 | 19.3 |
| 7 10 | 17 59.56 | −17 18.9 | 1.283 | 2.269 | 8.4 | 19.5 |
| 7 20 | 17 52.80 | −17 44.8 | 1.324 | 2.263 | 12.8 | 19.7 |
| 7 30 | 17 48.72 | −18 14.3 | 1.385 | 2.259 | 16.8 | 20.0 |

**379653** 2011 $EF_{28}$ 6 24.4 105°.20 4°.4/24.8 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.82 | −12 14.5 | 1.745 | 2.598 | 14.7 | 20.8 |
| 5 31 | 18 33.57 | −11 58.3 | 1.679 | 2.604 | 11.4 | 20.6 |
| 6 10 | 18 26.18 | −11 51.7 | 1.635 | 2.610 | 7.9 | 20.4 |
| 6 20 | 18 17.35 | −11 55.5 | 1.615 | 2.616 | 4.9 | 20.2 |
| 6 30 | 18 8.09 | −12 9.8 | 1.621 | 2.622 | 5.0 | 20.3 |
| 7 10 | 17 59.47 | −12 33.4 | 1.653 | 2.627 | 8.0 | 20.5 |
| 7 20 | 17 52.41 | −13 4.7 | 1.709 | 2.633 | 11.5 | 20.7 |
| 7 30 | 17 47.58 | −13 41.6 | 1.787 | 2.639 | 14.6 | 20.9 |

**289498** 2005 $EY_{128}$ 6 24.4 222°.49 0°.4/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.04 | −24 6.3 | 1.751 | 2.611 | 14.3 | 21.3 |
| 5 31 | 18 37.05 | −24 10.2 | 1.668 | 2.603 | 10.8 | 21.1 |
| 6 10 | 18 28.49 | −24 14.1 | 1.608 | 2.595 | 6.6 | 20.8 |
| 6 20 | 18 18.13 | −24 15.8 | 1.572 | 2.586 | 2.1 | 20.5 |
| 6 30 | 18 7.08 | −24 14.0 | 1.564 | 2.577 | 2.7 | 20.5 |
| 7 10 | 17 56.63 | −24 8.5 | 1.583 | 2.567 | 7.3 | 20.8 |
| 7 20 | 17 47.90 | −24 0.4 | 1.626 | 2.556 | 11.5 | 21.0 |
| 7 30 | 17 41.76 | −23 51.6 | 1.692 | 2.545 | 15.2 | 21.2 |

**40878** 1999 $TU_{124}$ 6 24.4 320°.73 5°.1/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.96 | −12 2.7 | 1.686 | 2.543 | 14.9 | 19.5 |
| 5 31 | 18 32.36 | −11 28.2 | 1.611 | 2.537 | 11.7 | 19.3 |
| 6 10 | 18 25.54 | −11 2.6 | 1.557 | 2.532 | 8.2 | 19.1 |
| 6 20 | 18 17.19 | −10 47.8 | 1.528 | 2.527 | 5.5 | 18.9 |
| 6 30 | 18 8.30 | −10 45.1 | 1.523 | 2.521 | 5.6 | 18.9 |
| 7 10 | 17 59.97 | −10 54.4 | 1.544 | 2.517 | 8.6 | 19.0 |
| 7 20 | 17 53.16 | −11 14.5 | 1.588 | 2.512 | 12.2 | 19.2 |
| 7 30 | 17 48.63 | −11 43.4 | 1.654 | 2.508 | 15.5 | 19.4 |

**93659** 2000 $UF_{104}$ 6 24.4 97°.98 3°.0/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.51 | −30 35.4 | 1.969 | 2.821 | 13.3 | 18.9 |
| 5 31 | 18 36.97 | −31 8.7 | 1.914 | 2.842 | 10.0 | 18.7 |
| 6 10 | 18 28.18 | −31 37.2 | 1.882 | 2.862 | 6.5 | 18.6 |
| 6 20 | 18 17.96 | −31 57.4 | 1.876 | 2.882 | 3.5 | 18.4 |
| 6 30 | 18 7.40 | −32 7.0 | 1.897 | 2.901 | 3.8 | 18.5 |
| 7 10 | 17 57.67 | −32 6.0 | 1.946 | 2.921 | 6.9 | 18.7 |
| 7 20 | 17 49.69 | −31 56.2 | 2.020 | 2.939 | 10.2 | 18.9 |
| 7 30 | 17 44.14 | −31 40.5 | 2.116 | 2.957 | 13.0 | 19.1 |

**227387** 2005 $UQ_{298}$ 6 24.4 201°.78 2°.0/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.32 | −27 47.2 | 2.136 | 2.987 | 12.4 | 22.2 |
| 5 31 | 18 36.16 | −28 15.2 | 2.054 | 2.983 | 9.4 | 22.0 |
| 6 10 | 18 27.80 | −28 41.3 | 1.995 | 2.979 | 5.9 | 21.7 |
| 6 20 | 18 17.90 | −29 2.7 | 1.964 | 2.974 | 2.6 | 21.5 |
| 6 30 | 18 7.42 | −29 16.9 | 1.960 | 2.968 | 3.1 | 21.5 |
| 7 10 | 17 57.45 | −29 23.2 | 1.984 | 2.962 | 6.5 | 21.7 |
| 7 20 | 17 48.95 | −29 22.4 | 2.034 | 2.956 | 10.0 | 21.9 |
| 7 30 | 17 42.68 | −29 16.5 | 2.107 | 2.948 | 13.1 | 22.1 |

**60669** Georgpick 6 24.4 326°.68 1°.2/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.48 | −18 3.0 | 1.035 | 1.932 | 19.1 | 17.8 |
| 5 31 | 18 32.83 | −18 43.1 | 0.958 | 1.912 | 14.6 | 17.4 |
| 6 10 | 18 26.69 | −19 37.7 | 0.899 | 1.892 | 9.2 | 17.1 |
| 6 20 | 18 17.76 | −20 44.4 | 0.860 | 1.874 | 3.2 | 16.7 |
| 6 30 | 18 7.45 | −21 58.2 | 0.844 | 1.857 | 3.7 | 16.6 |
| 7 10 | 17 57.64 | −23 13.1 | 0.848 | 1.841 | 10.1 | 16.9 |
| 7 20 | 17 50.14 | −24 24.1 | 0.873 | 1.826 | 16.0 | 17.2 |
| 7 30 | 17 46.32 | −25 28.6 | 0.915 | 1.813 | 21.2 | 17.4 |

**201292** 2002 $SF_{46}$ 6 24.4 333°.52 4°.2/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.69 | −31 21.3 | 1.626 | 2.496 | 14.8 | 19.3 |
| 5 31 | 18 34.20 | −32 6.6 | 1.550 | 2.486 | 11.4 | 19.0 |
| 6 10 | 18 26.95 | −32 48.1 | 1.494 | 2.477 | 7.6 | 18.8 |
| 6 20 | 18 17.71 | −33 20.9 | 1.463 | 2.468 | 4.5 | 18.6 |
| 6 30 | 18 7.68 | −33 40.9 | 1.457 | 2.460 | 5.0 | 18.6 |
| 7 10 | 17 58.27 | −33 47.0 | 1.476 | 2.453 | 8.5 | 18.8 |
| 7 20 | 17 50.73 | −33 40.5 | 1.518 | 2.446 | 12.4 | 19.0 |
| 7 30 | 17 46.01 | −33 24.8 | 1.581 | 2.439 | 15.8 | 19.2 |

**155386** 1994 $AF_{6}$ 6 24.4 59°.73 0°.1/24.4 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.33 | −23 28.6 | 1.582 | 2.452 | 15.1 | 20.3 |
| 5 31 | 18 34.99 | −23 31.1 | 1.520 | 2.461 | 11.3 | 20.1 |
| 6 10 | 18 27.17 | −23 34.1 | 1.480 | 2.469 | 6.9 | 19.8 |
| 6 20 | 18 17.72 | −23 35.9 | 1.465 | 2.478 | 2.1 | 19.5 |
| 6 30 | 18 7.81 | −23 35.4 | 1.475 | 2.488 | 2.7 | 19.6 |
| 7 10 | 17 58.73 | −23 32.5 | 1.511 | 2.497 | 7.3 | 19.9 |
| 7 20 | 17 51.53 | −23 28.2 | 1.571 | 2.506 | 11.5 | 20.2 |
| 7 30 | 17 46.94 | −23 23.8 | 1.652 | 2.516 | 15.0 | 20.4 |

**438984** 2010 $PD_{63}$ 6 24.4 301°.53 0°.3/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.41 | −25 34.4 | 2.032 | 2.893 | 12.6 | 20.5 |
| 5 31 | 18 33.26 | −25 14.0 | 1.946 | 2.881 | 9.5 | 20.3 |
| 6 10 | 18 26.03 | −24 50.7 | 1.882 | 2.869 | 5.8 | 20.0 |
| 6 20 | 18 17.37 | −24 23.8 | 1.844 | 2.858 | 1.8 | 19.7 |
| 6 30 | 18 8.21 | −23 53.5 | 1.834 | 2.846 | 2.3 | 19.7 |
| 7 10 | 17 59.59 | −23 21.0 | 1.851 | 2.835 | 6.4 | 20.0 |
| 7 20 | 17 52.40 | −22 48.0 | 1.893 | 2.824 | 10.1 | 20.2 |
| 7 30 | 17 47.34 | −22 16.7 | 1.958 | 2.813 | 13.4 | 20.4 |

**296457** 2009 $HQ_{76}$ 6 24.4 12°.42 0°.7/24.4 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 37.49 | −23 13.4 | 1.084 | 1.979 | 18.6 | 19.6 |
| 5 31 | 18 33.76 | −22 54.3 | 1.028 | 1.981 | 13.9 | 19.3 |
| 6 10 | 18 26.80 | −22 35.5 | 0.991 | 1.985 | 8.5 | 19.1 |
| 6 20 | 18 17.66 | −22 16.3 | 0.976 | 1.990 | 2.7 | 18.7 |
| 6 30 | 18 7.90 | −21 56.8 | 0.983 | 1.996 | 3.4 | 18.8 |
| 7 10 | 17 59.25 | −21 38.2 | 1.012 | 2.003 | 9.1 | 19.1 |
| 7 20 | 17 53.05 | −21 22.1 | 1.062 | 2.011 | 14.3 | 19.5 |
| 7 30 | 17 50.15 | −21 10.0 | 1.130 | 2.020 | 18.6 | 19.7 |

**320629** 2008 $CS_{70}$ 6 24.4 343°.83 1°.6/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.36 | −24 45.9 | 1.291 | 2.174 | 17.0 | 20.5 |
| 5 31 | 18 35.05 | −25 19.8 | 1.222 | 2.169 | 12.8 | 20.3 |
| 6 10 | 18 27.63 | −25 55.9 | 1.174 | 2.165 | 7.9 | 20.0 |
| 6 20 | 18 17.97 | −26 30.0 | 1.148 | 2.161 | 2.8 | 19.7 |
| 6 30 | 18 7.44 | −26 58.3 | 1.146 | 2.158 | 3.6 | 19.7 |
| 7 10 | 17 57.70 | −27 18.7 | 1.168 | 2.155 | 8.8 | 20.0 |
| 7 20 | 17 50.14 | −27 31.4 | 1.212 | 2.153 | 13.6 | 20.3 |
| 7 30 | 17 45.79 | −27 38.4 | 1.275 | 2.152 | 17.8 | 20.5 |

**507079** 2009 $AQ_{39}$ 6 24.4 182°.97 0°.1/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.63 | −23 50.3 | 2.431 | 3.281 | 11.2 | 22.7 |
| 5 31 | 18 33.78 | −23 49.9 | 2.351 | 3.281 | 8.3 | 22.5 |
| 6 10 | 18 26.17 | −23 49.1 | 2.296 | 3.281 | 5.1 | 22.3 |
| 6 20 | 18 17.39 | −23 46.8 | 2.267 | 3.281 | 1.6 | 22.1 |
| 6 30 | 18 8.23 | −23 42.3 | 2.268 | 3.280 | 2.0 | 22.1 |
| 7 10 | 17 59.56 | −23 35.7 | 2.297 | 3.278 | 5.5 | 22.3 |
| 7 20 | 17 52.11 | −23 27.7 | 2.352 | 3.277 | 8.7 | 22.5 |
| 7 30 | 17 46.49 | −23 19.4 | 2.432 | 3.274 | 11.5 | 22.7 |

**520217** 2014 $DA_{152}$ 6 24.4 192°.01 5°.1/24.6 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.54 | − 8 57.7 | 2.269 | 3.102 | 12.4 | 21.7 |
| 5 31 | 18 31.49 | − 8 24.0 | 2.192 | 3.101 | 9.9 | 21.5 |
| 6 10 | 18 24.78 | − 7 59.2 | 2.139 | 3.100 | 7.3 | 21.3 |
| 6 20 | 18 16.96 | − 7 44.8 | 2.112 | 3.099 | 5.4 | 21.2 |
| 6 30 | 18 8.77 | − 7 41.8 | 2.111 | 3.098 | 5.5 | 21.2 |
| 7 10 | 18 1.02 | − 7 50.2 | 2.137 | 3.096 | 7.5 | 21.3 |
| 7 20 | 17 54.41 | − 8 8.9 | 2.188 | 3.095 | 10.1 | 21.5 |
| 7 30 | 17 49.52 | − 8 36.2 | 2.262 | 3.093 | 12.7 | 21.7 |

**355352** 2007 $TP_{172}$ 6 24.4 247°.14 0°.8/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.59 | −21 31.1 | 2.115 | 2.972 | 12.3 | 21.6 |
| 5 31 | 18 33.30 | −21 24.7 | 2.030 | 2.963 | 9.3 | 21.4 |
| 6 10 | 18 26.03 | −21 19.5 | 1.968 | 2.955 | 5.7 | 21.2 |
| 6 20 | 18 17.39 | −21 14.9 | 1.933 | 2.946 | 1.9 | 20.9 |
| 6 30 | 18 8.25 | −21 10.4 | 1.925 | 2.937 | 2.4 | 20.9 |
| 7 10 | 17 59.58 | −21 5.9 | 1.945 | 2.928 | 6.2 | 21.2 |
| 7 20 | 17 52.23 | −21 2.0 | 1.990 | 2.919 | 9.8 | 21.4 |
| 7 30 | 17 46.90 | −20 59.5 | 2.058 | 2.909 | 13.0 | 21.5 |

**179537** 2002 $CY_{234}$ 6 24.4 30°.59 0°.2/24.4 17 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.93 | −22 35.6 | 1.946 | 2.811 | 12.9 | 20.1 |
| 5 31 | 18 32.11 | −22 38.6 | 1.879 | 2.817 | 9.6 | 20.0 |
| 6 10 | 18 25.28 | −22 42.7 | 1.835 | 2.823 | 5.9 | 19.7 |
| 6 20 | 18 17.14 | −22 46.8 | 1.816 | 2.830 | 1.8 | 19.5 |
| 6 30 | 18 8.61 | −22 50.0 | 1.824 | 2.837 | 2.3 | 19.5 |
| 7 10 | 18 0.70 | −22 51.9 | 1.859 | 2.844 | 6.3 | 19.8 |
| 7 20 | 17 54.24 | −22 53.1 | 1.919 | 2.852 | 9.9 | 20.0 |
| 7 30 | 17 49.87 | −22 54.0 | 2.001 | 2.859 | 13.0 | 20.3 |

**339158** 2004 $TO_{53}$ 6 24.4 290°.82 7°.1/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.38 | − 8 10.6 | 1.732 | 2.577 | 15.2 | 21.3 |
| 5 31 | 18 32.67 | − 7 6.7 | 1.652 | 2.565 | 12.3 | 21.1 |
| 6 10 | 18 25.77 | − 6 12.7 | 1.593 | 2.554 | 9.4 | 20.9 |
| 6 20 | 18 17.34 | − 5 32.4 | 1.558 | 2.542 | 7.4 | 20.7 |
| 6 30 | 18 8.32 | − 5 8.8 | 1.549 | 2.531 | 7.6 | 20.7 |
| 7 10 | 17 59.79 | − 5 3.0 | 1.563 | 2.519 | 10.0 | 20.8 |
| 7 20 | 17 52.72 | − 5 14.2 | 1.601 | 2.508 | 13.1 | 21.0 |
| 7 30 | 17 47.85 | − 5 40.0 | 1.659 | 2.497 | 16.2 | 21.2 |

**474376** 2002 $RJ_{269}$ 6 24.4 310°.45 2°.0/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.47 | −27 34.9 | 1.672 | 2.542 | 14.4 | 22.1 |
| 5 31 | 18 33.97 | −27 49.2 | 1.582 | 2.522 | 10.9 | 21.8 |
| 6 10 | 18 26.83 | −28 1.4 | 1.513 | 2.501 | 6.9 | 21.5 |
| 6 20 | 18 17.73 | −28 8.6 | 1.469 | 2.481 | 2.8 | 21.2 |
| 6 30 | 18 7.79 | −28 8.5 | 1.450 | 2.460 | 3.4 | 21.2 |
| 7 10 | 17 58.33 | −28 0.7 | 1.457 | 2.441 | 7.7 | 21.4 |
| 7 20 | 17 50.58 | −27 46.4 | 1.487 | 2.422 | 12.1 | 21.6 |
| 7 30 | 17 45.48 | −27 28.3 | 1.538 | 2.403 | 15.9 | 21.8 |

**394056** 2005 $WW_{200}$ 6 24.4 308°.79 0°.9/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.20 | −23 31.2 | 2.032 | 2.894 | 12.5 | 20.7 |
| 5 31 | 18 32.56 | −24 10.8 | 1.941 | 2.877 | 9.4 | 20.5 |
| 6 10 | 18 25.75 | −24 53.6 | 1.873 | 2.861 | 5.8 | 20.2 |
| 6 20 | 18 17.36 | −25 36.7 | 1.831 | 2.845 | 2.0 | 19.9 |
| 6 30 | 18 8.26 | −26 17.2 | 1.817 | 2.828 | 2.6 | 19.9 |
| 7 10 | 17 59.50 | −26 53.2 | 1.829 | 2.813 | 6.5 | 20.2 |
| 7 20 | 17 52.05 | −27 23.6 | 1.867 | 2.797 | 10.3 | 20.3 |
| 7 30 | 17 46.71 | −27 48.7 | 1.928 | 2.782 | 13.6 | 20.5 |

**280579** 2004 $TY_{196}$ 6 24.4 234°.17 0°.2/24.4 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.94 | −22 43.6 | 1.915 | 2.775 | 13.3 | 21.6 |
| 5 31 | 18 34.51 | −22 44.2 | 1.834 | 2.769 | 10.0 | 21.4 |
| 6 10 | 18 26.86 | −22 45.7 | 1.776 | 2.763 | 6.1 | 21.1 |
| 6 20 | 18 17.67 | −22 46.8 | 1.744 | 2.757 | 1.9 | 20.8 |
| 6 30 | 18 7.93 | −22 46.4 | 1.738 | 2.751 | 2.4 | 20.9 |
| 7 10 | 17 58.74 | −22 44.5 | 1.760 | 2.744 | 6.7 | 21.1 |
| 7 20 | 17 51.06 | −22 41.6 | 1.807 | 2.738 | 10.5 | 21.3 |
| 7 30 | 17 45.63 | −22 38.9 | 1.877 | 2.731 | 13.9 | 21.5 |

**377690** 2005 $VS_{97}$ 6 24.4 345°.98 4°.1/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.67 | −30 46.1 | 1.302 | 2.184 | 16.9 | 19.7 |
| 5 31 | 18 34.66 | −31 20.2 | 1.233 | 2.177 | 13.0 | 19.4 |
| 6 10 | 18 27.46 | −31 49.5 | 1.184 | 2.171 | 8.6 | 19.1 |
| 6 20 | 18 17.94 | −32 8.8 | 1.157 | 2.165 | 4.7 | 18.9 |
| 6 30 | 18 7.58 | −32 14.2 | 1.154 | 2.161 | 5.2 | 18.9 |
| 7 10 | 17 58.07 | −32 5.2 | 1.174 | 2.157 | 9.4 | 19.1 |
| 7 20 | 17 50.85 | −31 44.4 | 1.215 | 2.154 | 13.8 | 19.4 |
| 7 30 | 17 46.94 | −31 16.1 | 1.276 | 2.152 | 17.8 | 19.6 |

**406839** 2009 $AG_{14}$ 6 24.4 239°.77 2°.5/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.31 | −17 5.8 | 1.557 | 2.419 | 15.7 | 21.9 |
| 5 31 | 18 36.78 | −17 7.1 | 1.474 | 2.408 | 12.0 | 21.7 |
| 6 10 | 18 28.52 | −17 15.6 | 1.411 | 2.396 | 7.7 | 21.4 |
| 6 20 | 18 18.26 | −17 30.6 | 1.373 | 2.384 | 3.4 | 21.1 |
| 6 30 | 18 7.15 | −17 50.9 | 1.361 | 2.371 | 3.7 | 21.1 |
| 7 10 | 17 56.56 | −18 15.2 | 1.375 | 2.358 | 8.2 | 21.3 |
| 7 20 | 17 47.74 | −18 42.5 | 1.413 | 2.344 | 12.8 | 21.6 |
| 7 30 | 17 41.64 | −19 11.8 | 1.471 | 2.330 | 16.8 | 21.8 |

**423096** 2003 $YJ_{160}$ 6 24.4 281°.28 3°.6/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.27 | −28 45.4 | 1.562 | 2.428 | 15.5 | 21.1 |
| 5 31 | 18 38.05 | −29 38.7 | 1.467 | 2.403 | 11.9 | 20.9 |
| 6 10 | 18 29.66 | −30 32.6 | 1.393 | 2.377 | 7.8 | 20.6 |
| 6 20 | 18 18.72 | −31 21.6 | 1.342 | 2.351 | 4.1 | 20.3 |
| 6 30 | 18 6.47 | −32 0.0 | 1.318 | 2.324 | 4.8 | 20.2 |
| 7 10 | 17 54.52 | −32 24.5 | 1.319 | 2.297 | 9.1 | 20.4 |
| 7 20 | 17 44.44 | −32 35.4 | 1.343 | 2.270 | 13.7 | 20.6 |
| 7 30 | 17 37.48 | −32 35.7 | 1.388 | 2.243 | 17.9 | 20.8 |

**471379** 2011 $SM_{104}$ 6 24.4 339°.67 5°.9/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.75 | −38 54.1 | 2.006 | 2.849 | 13.5 | 21.2 |
| 5 31 | 18 36.10 | −39 31.2 | 1.933 | 2.846 | 10.8 | 21.0 |
| 6 10 | 18 27.92 | −39 58.2 | 1.883 | 2.844 | 8.1 | 20.8 |
| 6 20 | 18 18.02 | −40 10.4 | 1.856 | 2.842 | 6.1 | 20.7 |
| 6 30 | 18 7.55 | −40 4.9 | 1.856 | 2.841 | 6.3 | 20.7 |
| 7 10 | 17 57.80 | −39 42.0 | 1.882 | 2.839 | 8.5 | 20.8 |
| 7 20 | 17 49.88 | −39 4.7 | 1.931 | 2.837 | 11.3 | 21.0 |
| 7 30 | 17 44.56 | −38 17.6 | 2.003 | 2.836 | 14.0 | 21.2 |

**201757** 2003 $WZ_{11}$ 6 24.4 289°.81 1°.0/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.08 | −27 49.7 | 1.840 | 2.701 | 13.7 | 19.8 |
| 5 31 | 18 35.59 | −27 26.5 | 1.747 | 2.682 | 10.4 | 19.5 |
| 6 10 | 18 27.64 | −26 57.7 | 1.677 | 2.663 | 6.5 | 19.2 |
| 6 20 | 18 17.95 | −26 22.0 | 1.632 | 2.644 | 2.3 | 18.9 |
| 6 30 | 18 7.61 | −25 39.5 | 1.613 | 2.625 | 2.7 | 18.9 |
| 7 10 | 17 57.83 | −24 51.8 | 1.622 | 2.606 | 7.1 | 19.2 |
| 7 20 | 17 49.70 | −24 2.1 | 1.656 | 2.587 | 11.3 | 19.4 |
| 7 30 | 17 44.05 | −23 13.9 | 1.712 | 2.568 | 14.9 | 19.5 |

**61026** 2000 $KG_{53}$ 6 24.4 45°.14 2°.0/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.69 | −22 17.9 | 1.233 | 2.112 | 17.8 | 18.6 |
| 5 31 | 18 37.25 | −21 26.0 | 1.173 | 2.118 | 13.4 | 18.4 |
| 6 10 | 18 28.76 | −20 32.8 | 1.133 | 2.123 | 8.3 | 18.1 |
| 6 20 | 18 18.28 | −19 39.6 | 1.116 | 2.128 | 3.1 | 17.8 |
| 6 30 | 18 7.30 | −18 48.8 | 1.123 | 2.134 | 3.8 | 17.9 |
| 7 10 | 17 57.43 | −18 3.5 | 1.154 | 2.141 | 9.0 | 18.2 |
| 7 20 | 17 49.92 | −17 26.5 | 1.208 | 2.147 | 13.9 | 18.5 |
| 7 30 | 17 45.58 | −16 59.4 | 1.281 | 2.153 | 18.0 | 18.7 |

**126835** 2002 $EE_{64}$ 6 24.4 241°.40 2°.7/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.54 | −30 3.8 | 1.839 | 2.699 | 13.8 | 20.1 |
| 5 31 | 18 35.90 | −30 21.0 | 1.762 | 2.695 | 10.5 | 19.8 |
| 6 10 | 18 27.80 | −30 33.7 | 1.708 | 2.691 | 6.8 | 19.6 |
| 6 20 | 18 17.99 | −30 38.8 | 1.679 | 2.687 | 3.3 | 19.4 |
| 6 30 | 18 7.59 | −30 34.1 | 1.676 | 2.683 | 3.7 | 19.4 |
| 7 10 | 17 57.86 | −30 19.8 | 1.699 | 2.679 | 7.3 | 19.6 |
| 7 20 | 17 49.86 | −29 57.9 | 1.748 | 2.675 | 11.1 | 19.8 |
| 7 30 | 17 44.40 | −29 31.5 | 1.818 | 2.670 | 14.4 | 20.0 |

**396837** 2004 $RN_{168}$ 6 24.4 281°.25 5°.0/24.5 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.40 | − 8 52.7 | 2.381 | 3.214 | 11.9 | 21.4 |
| 5 31 | 18 30.75 | − 8 20.3 | 2.285 | 3.194 | 9.6 | 21.2 |
| 6 10 | 18 24.42 | − 7 56.1 | 2.212 | 3.173 | 7.1 | 21.1 |
| 6 20 | 18 16.92 | − 7 41.8 | 2.164 | 3.152 | 5.3 | 20.9 |
| 6 30 | 18 8.91 | − 7 38.5 | 2.144 | 3.130 | 5.4 | 20.9 |
| 7 10 | 18 1.19 | − 7 46.6 | 2.150 | 3.109 | 7.5 | 21.0 |
| 7 20 | 17 54.48 | − 8 5.1 | 2.181 | 3.088 | 10.2 | 21.1 |
| 7 30 | 17 49.38 | − 8 32.7 | 2.235 | 3.066 | 12.8 | 21.2 |

**183289** 2002 $TR_{345}$ 6 24.4 69°.61 1°.5/24.6 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 41.77 | −18 0.3 | 1.447 | 2.315 | 16.4 | 20.5 |
| 5 31 | 18 36.13 | −18 25.1 | 1.396 | 2.334 | 12.2 | 20.3 |
| 6 10 | 18 27.90 | −18 57.3 | 1.365 | 2.352 | 7.6 | 20.1 |
| 6 20 | 18 18.00 | −19 34.3 | 1.359 | 2.371 | 2.8 | 19.8 |
| 6 30 | 18 7.67 | −20 13.5 | 1.378 | 2.390 | 3.1 | 19.9 |
| 7 10 | 17 58.26 | −20 52.3 | 1.423 | 2.408 | 7.7 | 20.2 |
| 7 20 | 17 50.85 | −21 29.3 | 1.491 | 2.427 | 12.0 | 20.5 |
| 7 30 | 17 46.18 | −22 4.0 | 1.581 | 2.445 | 15.6 | 20.8 |

**233369** 2006 $DU_{152}$ 6 24.4 355°.53 0°.9/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.33 | −25 6.8 | 1.557 | 2.431 | 15.1 | 20.6 |
| 5 31 | 18 33.74 | −25 16.3 | 1.486 | 2.429 | 11.3 | 20.4 |
| 6 10 | 18 26.58 | −25 25.3 | 1.437 | 2.427 | 7.0 | 20.1 |
| 6 20 | 18 17.63 | −25 31.7 | 1.412 | 2.426 | 2.3 | 19.8 |
| 6 30 | 18 8.08 | −25 33.8 | 1.413 | 2.425 | 2.9 | 19.9 |
| 7 10 | 17 59.25 | −25 31.3 | 1.438 | 2.425 | 7.5 | 20.2 |
| 7 20 | 17 52.26 | −25 25.2 | 1.487 | 2.425 | 11.8 | 20.4 |
| 7 30 | 17 47.93 | −25 17.4 | 1.557 | 2.426 | 15.5 | 20.6 |

**438175** 2005 $TX_{77}$ 6 24.4 294°.65 0°.2/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.48 | −23 58.3 | 2.158 | 3.016 | 12.1 | 21.6 |
| 5 31 | 18 33.46 | −23 59.3 | 2.050 | 2.984 | 9.2 | 21.3 |
| 6 10 | 18 26.31 | −24 0.1 | 1.965 | 2.952 | 5.7 | 21.1 |
| 6 20 | 18 17.57 | −23 59.4 | 1.906 | 2.920 | 1.8 | 20.8 |
| 6 30 | 18 8.08 | −23 56.3 | 1.875 | 2.887 | 2.3 | 20.7 |
| 7 10 | 17 58.85 | −23 50.4 | 1.871 | 2.854 | 6.4 | 20.9 |
| 7 20 | 17 50.84 | −23 42.5 | 1.893 | 2.821 | 10.2 | 21.1 |
| 7 30 | 17 44.86 | −23 33.8 | 1.937 | 2.788 | 13.7 | 21.2 |

**78434** Dyer 6 24.4 28°.20 2°.5/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.81 | −16 52.4 | 1.899 | 2.757 | 13.5 | 20.1 |
| 5 31 | 18 32.80 | −16 41.3 | 1.826 | 2.758 | 10.2 | 19.9 |
| 6 10 | 18 25.76 | −16 35.5 | 1.775 | 2.758 | 6.6 | 19.6 |
| 6 20 | 18 17.34 | −16 35.0 | 1.750 | 2.759 | 3.2 | 19.4 |
| 6 30 | 18 8.46 | −16 39.5 | 1.751 | 2.759 | 3.4 | 19.5 |
| 7 10 | 18 0.15 | −16 48.8 | 1.779 | 2.760 | 6.9 | 19.7 |
| 7 20 | 17 53.26 | −17 2.1 | 1.832 | 2.761 | 10.5 | 19.9 |
| 7 30 | 17 48.49 | −17 19.0 | 1.907 | 2.761 | 13.7 | 20.1 |

**245881** 2006 $QU_{32}$ 6 24.4 318°.48 8°.9/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.52 | − 2 28.8 | 1.717 | 2.549 | 15.8 | 20.2 |
| 5 31 | 18 30.65 | − 1 43.2 | 1.633 | 2.530 | 13.3 | 20.0 |
| 6 10 | 18 24.62 | − 1 13.8 | 1.569 | 2.512 | 10.9 | 19.8 |
| 6 20 | 18 17.05 | − 1 4.7 | 1.527 | 2.494 | 9.2 | 19.6 |
| 6 30 | 18 8.80 | − 1 18.2 | 1.509 | 2.477 | 9.2 | 19.6 |
| 7 10 | 18 0.95 | − 1 54.3 | 1.514 | 2.460 | 11.0 | 19.6 |
| 7 20 | 17 54.44 | − 2 50.1 | 1.541 | 2.444 | 13.8 | 19.8 |
| 7 30 | 17 50.08 | − 4 1.2 | 1.589 | 2.429 | 16.7 | 19.9 |

**295707** 2008 $UA_{10}$ 6 24.4 189°.59 1°.2/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.61 | −19 52.4 | 2.051 | 2.906 | 12.7 | 21.7 |
| 5 31 | 18 34.07 | −19 52.2 | 1.974 | 2.905 | 9.6 | 21.5 |
| 6 10 | 18 26.51 | −19 54.8 | 1.919 | 2.905 | 6.0 | 21.3 |
| 6 20 | 18 17.58 | −19 59.6 | 1.891 | 2.903 | 2.2 | 21.0 |
| 6 30 | 18 8.19 | −20 5.8 | 1.890 | 2.902 | 2.5 | 21.1 |
| 7 10 | 17 59.32 | −20 12.8 | 1.917 | 2.900 | 6.3 | 21.3 |
| 7 20 | 17 51.83 | −20 20.8 | 1.970 | 2.898 | 10.0 | 21.5 |
| 7 30 | 17 46.42 | −20 29.8 | 2.046 | 2.895 | 13.1 | 21.7 |

**317849** 2003 $TT_{10}$ 6 24.4 215°.45 1°.7/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.36 | −20 33.9 | 1.667 | 2.529 | 14.9 | 21.2 |
| 5 31 | 18 36.53 | −20 9.4 | 1.589 | 2.524 | 11.2 | 20.9 |
| 6 10 | 18 28.20 | −19 46.2 | 1.533 | 2.520 | 7.0 | 20.7 |
| 6 20 | 18 18.15 | −19 24.4 | 1.502 | 2.514 | 2.7 | 20.4 |
| 6 30 | 18 7.49 | −19 4.1 | 1.498 | 2.509 | 3.2 | 20.4 |
| 7 10 | 17 57.51 | −18 46.5 | 1.520 | 2.503 | 7.6 | 20.6 |
| 7 20 | 17 49.28 | −18 32.6 | 1.566 | 2.496 | 11.9 | 20.9 |
| 7 30 | 17 43.62 | −18 23.3 | 1.634 | 2.490 | 15.6 | 21.1 |

**80892** 2000 $DO_{50}$ 6 24.4 259°.73 0°.1/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.28 | −23 38.5 | 1.823 | 2.682 | 13.9 | 20.4 |
| 5 31 | 18 36.59 | −23 39.8 | 1.727 | 2.662 | 10.5 | 20.2 |
| 6 10 | 18 28.36 | −23 41.2 | 1.654 | 2.641 | 6.5 | 19.9 |
| 6 20 | 18 18.25 | −23 41.1 | 1.606 | 2.619 | 2.1 | 19.6 |
| 6 30 | 18 7.30 | −23 38.1 | 1.585 | 2.597 | 2.6 | 19.6 |
| 7 10 | 17 56.78 | −23 32.1 | 1.591 | 2.574 | 7.3 | 19.8 |
| 7 20 | 17 47.81 | −23 23.8 | 1.622 | 2.551 | 11.6 | 20.0 |
| 7 30 | 17 41.34 | −23 15.2 | 1.675 | 2.528 | 15.4 | 20.2 |

**383326** 2006 $KF_{12}$ 6 24.4 166°.68 4°.7/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.29 | − 8 43.3 | 2.248 | 3.078 | 12.7 | 21.3 |
| 5 31 | 18 32.82 | − 8 33.9 | 2.173 | 3.081 | 10.0 | 21.2 |
| 6 10 | 18 25.63 | − 8 34.7 | 2.122 | 3.085 | 7.2 | 21.0 |
| 6 20 | 18 17.30 | − 8 46.5 | 2.097 | 3.087 | 5.1 | 20.9 |
| 6 30 | 18 8.58 | − 9 9.2 | 2.098 | 3.090 | 5.1 | 20.9 |
| 7 10 | 18 0.32 | − 9 41.7 | 2.128 | 3.092 | 7.2 | 21.0 |
| 7 20 | 17 53.24 | −10 22.1 | 2.183 | 3.093 | 9.9 | 21.2 |
| 7 30 | 17 47.93 | −11 8.2 | 2.261 | 3.095 | 12.6 | 21.4 |

**393553** 2003 $CA_{16}$ 6 24.4 149°.83 0°.9/24.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.24 | −26 26.3 | 2.742 | 3.587 | 10.2 | 22.2 |
| 5 31 | 18 33.30 | −26 30.1 | 2.669 | 3.596 | 7.6 | 22.1 |
| 6 10 | 18 25.81 | −26 32.0 | 2.621 | 3.605 | 4.7 | 21.9 |
| 6 20 | 18 17.33 | −26 30.8 | 2.601 | 3.613 | 1.7 | 21.7 |
| 6 30 | 18 8.57 | −26 25.7 | 2.609 | 3.620 | 2.0 | 21.7 |
| 7 10 | 18 0.29 | −26 16.9 | 2.647 | 3.628 | 5.0 | 21.9 |
| 7 20 | 17 53.15 | −26 5.2 | 2.713 | 3.634 | 7.8 | 22.1 |
| 7 30 | 17 47.67 | −25 51.9 | 2.802 | 3.640 | 10.3 | 22.3 |

**467244** 2016 $ET_{170}$ 6 24.4 49°.76 5°.3/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.55 | −12 25.6 | 1.258 | 2.129 | 18.1 | 21.1 |
| 5 31 | 18 34.73 | −12 2.8 | 1.206 | 2.141 | 14.0 | 20.9 |
| 6 10 | 18 27.17 | −11 52.6 | 1.173 | 2.153 | 9.6 | 20.6 |
| 6 20 | 18 17.82 | −11 56.5 | 1.162 | 2.165 | 5.9 | 20.5 |
| 6 30 | 18 7.99 | −12 14.1 | 1.175 | 2.178 | 6.0 | 20.5 |
| 7 10 | 17 59.12 | −12 43.9 | 1.211 | 2.191 | 9.6 | 20.7 |
| 7 20 | 17 52.34 | −13 22.8 | 1.269 | 2.204 | 13.7 | 21.0 |
| 7 30 | 17 48.43 | −14 7.9 | 1.347 | 2.218 | 17.4 | 21.3 |

**343516** 2010 $ED_{123}$ 6 24.4 120°.00 2°.6/24.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.57 | −29 9.7 | 1.948 | 2.806 | 13.2 | 21.0 |
| 5 31 | 18 35.03 | −29 38.7 | 1.876 | 2.809 | 9.9 | 20.8 |
| 6 10 | 18 27.20 | −30 4.7 | 1.827 | 2.811 | 6.4 | 20.5 |
| 6 20 | 18 17.82 | −30 24.3 | 1.804 | 2.813 | 3.1 | 20.3 |
| 6 30 | 18 7.93 | −30 35.4 | 1.808 | 2.815 | 3.5 | 20.4 |
| 7 10 | 17 58.66 | −30 37.2 | 1.839 | 2.818 | 6.9 | 20.6 |
| 7 20 | 17 51.00 | −30 31.1 | 1.895 | 2.820 | 10.4 | 20.8 |
| 7 30 | 17 45.70 | −30 19.5 | 1.973 | 2.822 | 13.5 | 21.0 |

**471766** 2012 $UT_{124}$ 6 24.4 315°.77 0°.4/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.99 | −23 50.1 | 1.561 | 2.436 | 15.0 | 20.9 |
| 5 31 | 18 33.64 | −23 29.3 | 1.473 | 2.416 | 11.4 | 20.7 |
| 6 10 | 18 26.64 | −23 6.9 | 1.406 | 2.396 | 7.0 | 20.4 |
| 6 20 | 18 17.72 | −22 42.1 | 1.363 | 2.377 | 2.3 | 20.0 |
| 6 30 | 18 8.00 | −22 15.2 | 1.345 | 2.358 | 2.9 | 20.0 |
| 7 10 | 17 58.84 | −21 47.2 | 1.353 | 2.340 | 7.8 | 20.3 |
| 7 20 | 17 51.43 | −21 20.3 | 1.383 | 2.322 | 12.5 | 20.5 |
| 7 30 | 17 46.69 | −20 56.5 | 1.435 | 2.305 | 16.5 | 20.7 |

**10779** 1991 $LW$ 6 24.4 47°.36 0°.4/24.4 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.13 | −20 19.0 | 1.387 | 2.261 | 16.6 | 16.9 |
| 5 31 | 18 35.90 | −21 20.8 | 1.335 | 2.278 | 12.3 | 16.7 |
| 6 10 | 18 27.91 | −22 29.5 | 1.305 | 2.295 | 7.5 | 16.4 |
| 6 20 | 18 18.06 | −23 40.1 | 1.298 | 2.312 | 2.3 | 16.1 |
| 6 30 | 18 7.67 | −24 47.4 | 1.318 | 2.330 | 3.0 | 16.2 |
| 7 10 | 17 58.17 | −25 47.5 | 1.362 | 2.349 | 7.9 | 16.6 |
| 7 20 | 17 50.75 | −26 38.7 | 1.430 | 2.367 | 12.3 | 16.9 |
| 7 30 | 17 46.22 | −27 21.2 | 1.519 | 2.386 | 16.0 | 17.2 |

**355643** 2008 $EH_{44}$ 6 24.4 350°.66 5°.1/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.05 | −36 39.8 | 2.055 | 2.903 | 13.0 | 20.4 |
| 5 31 | 18 34.75 | −37 19.3 | 1.982 | 2.901 | 10.2 | 20.3 |
| 6 10 | 18 27.09 | −37 50.7 | 1.931 | 2.899 | 7.4 | 20.1 |
| 6 20 | 18 17.80 | −38 9.8 | 1.906 | 2.898 | 5.4 | 20.0 |
| 6 30 | 18 7.96 | −38 13.7 | 1.907 | 2.897 | 5.6 | 20.0 |
| 7 10 | 17 58.76 | −38 2.4 | 1.933 | 2.896 | 7.9 | 20.1 |
| 7 20 | 17 51.22 | −37 38.0 | 1.984 | 2.895 | 10.8 | 20.3 |
| 7 30 | 17 46.12 | −37 4.3 | 2.057 | 2.894 | 13.5 | 20.5 |

**348077** 2003 $WK_{63}$ 6 24.4 243°.77 1°.2/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.49 | −20 33.3 | 2.294 | 3.145 | 11.7 | 21.7 |
| 5 31 | 18 33.89 | −20 18.3 | 2.200 | 3.130 | 8.9 | 21.5 |
| 6 10 | 18 26.39 | −20 4.4 | 2.130 | 3.114 | 5.5 | 21.3 |
| 6 20 | 18 17.57 | −19 51.4 | 2.086 | 3.098 | 2.1 | 21.0 |
| 6 30 | 18 8.23 | −19 39.1 | 2.071 | 3.082 | 2.5 | 21.0 |
| 7 10 | 17 59.28 | −19 28.0 | 2.084 | 3.065 | 6.0 | 21.2 |
| 7 20 | 17 51.53 | −19 18.7 | 2.123 | 3.048 | 9.5 | 21.4 |
| 7 30 | 17 45.66 | −19 11.9 | 2.186 | 3.030 | 12.6 | 21.6 |

**426542** 2013 $RZ_{81}$ 6 24.4 158°.22 3°.4/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.99 | −13 12.4 | 2.064 | 2.907 | 13.1 | 22.4 |
| 5 31 | 18 34.23 | −13 7.6 | 1.992 | 2.913 | 10.1 | 22.2 |
| 6 10 | 18 26.55 | −13 10.7 | 1.943 | 2.918 | 6.8 | 22.0 |
| 6 20 | 18 17.60 | −13 21.7 | 1.920 | 2.923 | 3.9 | 21.8 |
| 6 30 | 18 8.24 | −13 40.3 | 1.924 | 2.927 | 4.0 | 21.8 |
| 7 10 | 17 59.41 | −14 5.3 | 1.956 | 2.931 | 6.9 | 22.0 |
| 7 20 | 17 51.93 | −14 35.4 | 2.014 | 2.935 | 10.2 | 22.2 |
| 7 30 | 17 46.44 | −15 9.2 | 2.095 | 2.938 | 13.1 | 22.4 |

**471703** 2012 $TF_{261}$ 6 24.4 215°.90 1°.9/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.56 | −17 16.4 | 2.138 | 2.989 | 12.4 | 22.1 |
| 5 31 | 18 33.24 | −17 18.1 | 2.056 | 2.985 | 9.4 | 21.9 |
| 6 10 | 18 26.01 | −17 24.7 | 1.998 | 2.980 | 6.0 | 21.6 |
| 6 20 | 18 17.45 | −17 35.8 | 1.965 | 2.975 | 2.7 | 21.4 |
| 6 30 | 18 8.41 | −17 50.5 | 1.960 | 2.970 | 2.9 | 21.4 |
| 7 10 | 17 59.81 | −18 8.2 | 1.983 | 2.964 | 6.3 | 21.6 |
| 7 20 | 17 52.48 | −18 28.1 | 2.032 | 2.958 | 9.8 | 21.8 |
| 7 30 | 17 47.08 | −18 49.8 | 2.104 | 2.952 | 12.9 | 22.0 |

**121338** 1999 $TY_8$ 6 24.4 314°.27 1°.8/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 35.78 | −18 47.0 | 1.899 | 2.764 | 13.2 | 20.0 |
| 5 31 | 18 31.54 | −18 38.9 | 1.806 | 2.742 | 10.0 | 19.7 |
| 6 10 | 18 25.17 | −18 34.5 | 1.734 | 2.720 | 6.4 | 19.5 |
| 6 20 | 18 17.24 | −18 33.9 | 1.688 | 2.699 | 2.7 | 19.2 |
| 6 30 | 18 8.64 | −18 36.7 | 1.668 | 2.678 | 3.0 | 19.2 |
| 7 10 | 18 0.41 | −18 42.6 | 1.674 | 2.658 | 6.9 | 19.4 |
| 7 20 | 17 53.51 | −18 51.5 | 1.705 | 2.638 | 10.9 | 19.5 |
| 7 30 | 17 48.72 | −19 3.3 | 1.757 | 2.618 | 14.4 | 19.7 |

**4607** Seilandfarm 6 24.4 160°.37 0°.7/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.34 | −22 16.0 | 1.431 | 2.303 | 16.3 | 16.7 |
| 5 31 | 18 36.85 | −22 7.9 | 1.363 | 2.303 | 12.2 | 16.4 |
| 6 10 | 18 28.54 | −22 1.2 | 1.315 | 2.304 | 7.6 | 16.2 |
| 6 20 | 18 18.29 | −21 54.5 | 1.292 | 2.305 | 2.5 | 15.8 |
| 6 30 | 18 7.41 | −21 47.1 | 1.293 | 2.306 | 3.0 | 15.9 |
| 7 10 | 17 57.37 | −21 39.3 | 1.320 | 2.306 | 8.1 | 16.2 |
| 7 20 | 17 49.39 | −21 32.2 | 1.370 | 2.307 | 12.7 | 16.5 |
| 7 30 | 17 44.32 | −21 27.0 | 1.440 | 2.307 | 16.7 | 16.7 |

**137435** 1999 $TE_{220}$ 6 24.4 280°.25 2°.5/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.62 | −19 29.2 | 1.508 | 2.377 | 15.7 | 19.7 |
| 5 31 | 18 35.58 | −18 56.4 | 1.424 | 2.362 | 12.0 | 19.5 |
| 6 10 | 18 27.83 | −18 25.4 | 1.361 | 2.347 | 7.7 | 19.2 |
| 6 20 | 18 18.10 | −17 57.0 | 1.321 | 2.332 | 3.3 | 18.9 |
| 6 30 | 18 7.58 | −17 32.1 | 1.308 | 2.317 | 3.9 | 18.9 |
| 7 10 | 17 57.66 | −17 12.0 | 1.319 | 2.302 | 8.5 | 19.1 |
| 7 20 | 17 49.54 | −16 58.0 | 1.354 | 2.287 | 13.1 | 19.3 |
| 7 30 | 17 44.18 | −16 50.9 | 1.409 | 2.273 | 17.1 | 19.5 |

**475188** 2005 $UO_{510}$ 6 24.4 200°.12 0°.3/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.21 | −24 4.0 | 2.801 | 3.649 | 9.9 | 22.6 |
| 5 31 | 18 31.87 | −24 14.0 | 2.717 | 3.646 | 7.4 | 22.4 |
| 6 10 | 18 25.01 | −24 24.0 | 2.658 | 3.643 | 4.5 | 22.2 |
| 6 20 | 18 17.12 | −24 32.8 | 2.626 | 3.639 | 1.4 | 22.0 |
| 6 30 | 18 8.88 | −24 39.4 | 2.623 | 3.635 | 1.8 | 22.0 |
| 7 10 | 18 1.00 | −24 43.5 | 2.649 | 3.630 | 4.9 | 22.2 |
| 7 20 | 17 54.13 | −24 45.3 | 2.702 | 3.626 | 7.8 | 22.4 |
| 7 30 | 17 48.81 | −24 45.6 | 2.780 | 3.621 | 10.3 | 22.6 |

**17917** Cartan 6 24.4 8°.44 0°.5/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.97 | −22 35.8 | 1.268 | 2.155 | 17.0 | 17.5 |
| 5 31 | 18 33.08 | −22 30.5 | 1.208 | 2.156 | 12.7 | 17.2 |
| 6 10 | 18 26.32 | −22 26.8 | 1.167 | 2.159 | 7.8 | 17.0 |
| 6 20 | 18 17.61 | −22 23.6 | 1.148 | 2.162 | 2.5 | 16.6 |
| 6 30 | 18 8.30 | −22 20.0 | 1.153 | 2.166 | 3.1 | 16.7 |
| 7 10 | 17 59.88 | −22 16.0 | 1.181 | 2.171 | 8.3 | 17.0 |
| 7 20 | 17 53.59 | −22 12.4 | 1.232 | 2.177 | 13.1 | 17.3 |
| 7 30 | 17 50.25 | −22 10.3 | 1.302 | 2.184 | 17.1 | 17.6 |

**32269** 2000 $PB_2$ 6 24.4 215°.27 0°.9/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.44 | −25 27.7 | 2.339 | 3.194 | 11.4 | 19.5 |
| 5 31 | 18 33.08 | −25 40.2 | 2.258 | 3.190 | 8.5 | 19.3 |
| 6 10 | 18 25.88 | −25 51.9 | 2.201 | 3.187 | 5.3 | 19.1 |
| 6 20 | 18 17.42 | −26 1.2 | 2.170 | 3.183 | 1.8 | 18.8 |
| 6 30 | 18 8.52 | −26 6.8 | 2.168 | 3.179 | 2.2 | 18.8 |
| 7 10 | 18 0.08 | −26 8.3 | 2.193 | 3.175 | 5.7 | 19.1 |
| 7 20 | 17 52.88 | −26 6.2 | 2.245 | 3.171 | 9.0 | 19.3 |
| 7 30 | 17 47.57 | −26 1.9 | 2.320 | 3.167 | 11.9 | 19.5 |

**471758** 2012 $UA_{109}$ 6 24.4 251°.66 1°.0/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.51 | −26 36.5 | 2.068 | 2.925 | 12.6 | 22.0 |
| 5 31 | 18 34.89 | −26 33.4 | 1.980 | 2.913 | 9.5 | 21.7 |
| 6 10 | 18 27.12 | −26 27.6 | 1.916 | 2.902 | 5.9 | 21.5 |
| 6 20 | 18 17.84 | −26 17.6 | 1.877 | 2.890 | 2.1 | 21.2 |
| 6 30 | 18 8.00 | −26 2.5 | 1.866 | 2.878 | 2.5 | 21.2 |
| 7 10 | 17 58.68 | −25 42.7 | 1.883 | 2.865 | 6.4 | 21.5 |
| 7 20 | 17 50.81 | −25 19.8 | 1.925 | 2.853 | 10.1 | 21.7 |
| 7 30 | 17 45.12 | −24 56.1 | 1.990 | 2.840 | 13.4 | 21.8 |

**331625** 2002 $CE_{272}$ 6 24.4 90°.56 3°.5/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.44 | −15 47.1 | 1.837 | 2.688 | 14.1 | 20.2 |
| 5 31 | 18 35.28 | −15 4.5 | 1.783 | 2.709 | 10.7 | 20.0 |
| 6 10 | 18 27.13 | −14 27.1 | 1.751 | 2.730 | 7.1 | 19.8 |
| 6 20 | 18 17.77 | −13 56.2 | 1.745 | 2.750 | 4.0 | 19.7 |
| 6 30 | 18 8.19 | −13 33.1 | 1.767 | 2.770 | 4.3 | 19.7 |
| 7 10 | 17 59.43 | −13 18.3 | 1.815 | 2.790 | 7.4 | 20.0 |
| 7 20 | 17 52.27 | −13 11.8 | 1.889 | 2.809 | 10.7 | 20.2 |
| 7 30 | 17 47.32 | −13 13.0 | 1.984 | 2.828 | 13.7 | 20.4 |

**88268** 2001 $KK_{76}$ 6 24.4 326°.90 0°.0/24.4 04 C

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 16.29 | −23 35.3 | 41.144 | 41.991 | 0.8 | 22.6 |
| 5 31 | 18 15.55 | −23 35.7 | 41.061 | 41.991 | 0.6 | 22.6 |
| 6 10 | 18 14.74 | −23 36.0 | 41.005 | 41.990 | 0.3 | 22.6 |
| 6 20 | 18 13.89 | −23 36.4 | 40.977 | 41.990 | 0.1 | 22.5 |
| 6 30 | 18 13.02 | −23 36.8 | 40.977 | 41.990 | 0.1 | 22.5 |
| 7 10 | 18 12.17 | −23 37.1 | 41.007 | 41.989 | 0.4 | 22.6 |
| 7 20 | 18 11.37 | −23 37.4 | 41.065 | 41.989 | 0.6 | 22.6 |
| 7 30 | 18 10.64 | −23 37.6 | 41.149 | 41.989 | 0.8 | 22.6 |

**107822** 2001 $FS_{63}$ 6 24.4 38°.77 0°.8/24.4 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 40.44 | −23 47.9 | 1.230 | 2.114 | 17.6 | 19.5 |
| 5 31 | 18 35.70 | −24 8.7 | 1.178 | 2.125 | 13.1 | 19.3 |
| 6 10 | 18 27.92 | −24 31.0 | 1.145 | 2.136 | 8.0 | 19.0 |
| 6 20 | 18 18.12 | −24 51.8 | 1.135 | 2.149 | 2.6 | 18.7 |
| 6 30 | 18 7.77 | −25 8.2 | 1.149 | 2.161 | 3.2 | 18.8 |
| 7 10 | 17 58.48 | −25 19.2 | 1.186 | 2.175 | 8.5 | 19.1 |
| 7 20 | 17 51.52 | −25 25.6 | 1.246 | 2.189 | 13.2 | 19.4 |
| 7 30 | 17 47.71 | −25 29.0 | 1.325 | 2.203 | 17.2 | 19.7 |

**361637** 2007 $TP_{217}$ 6 24.4 340°.46 0°.5/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.88 | −23 33.7 | 1.034 | 1.934 | 18.8 | 20.1 |
| 5 31 | 18 33.00 | −23 15.4 | 0.966 | 1.922 | 14.3 | 19.8 |
| 6 10 | 18 26.69 | −22 56.6 | 0.916 | 1.910 | 8.9 | 19.4 |
| 6 20 | 18 17.85 | −22 36.5 | 0.886 | 1.900 | 2.8 | 19.0 |
| 6 30 | 18 8.03 | −22 14.9 | 0.877 | 1.891 | 3.6 | 19.0 |
| 7 10 | 17 59.11 | −21 53.3 | 0.891 | 1.883 | 9.7 | 19.4 |
| 7 20 | 17 52.64 | −21 33.6 | 0.923 | 1.877 | 15.3 | 19.6 |
| 7 30 | 17 49.73 | −21 18.2 | 0.974 | 1.872 | 20.2 | 19.9 |

**355536** 2008 $AS_{108}$ 6 24.4 277°.69 2°.2/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.36 | −30 37.9 | 2.111 | 2.965 | 12.5 | 21.0 |
| 5 31 | 18 34.71 | −30 32.4 | 2.031 | 2.960 | 9.5 | 20.8 |
| 6 10 | 18 26.95 | −30 21.1 | 1.973 | 2.956 | 6.1 | 20.6 |
| 6 20 | 18 17.78 | −30 2.1 | 1.942 | 2.951 | 2.9 | 20.4 |
| 6 30 | 18 8.17 | −29 34.8 | 1.938 | 2.947 | 3.1 | 20.4 |
| 7 10 | 17 59.19 | −29 0.1 | 1.962 | 2.942 | 6.4 | 20.6 |
| 7 20 | 17 51.72 | −28 20.6 | 2.011 | 2.938 | 9.9 | 20.8 |
| 7 30 | 17 46.45 | −27 39.2 | 2.084 | 2.933 | 12.9 | 21.0 |

**431965** 2008 $US_{118}$ 6 24.4 341°.41 13°.7/20.4 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.20 | −45 23.3 | 1.240 | 2.099 | 19.1 | 20.1 |
| 5 31 | 18 37.34 | −47 45.8 | 1.175 | 2.082 | 16.6 | 19.9 |
| 6 10 | 18 30.08 | −49 55.3 | 1.128 | 2.067 | 14.6 | 19.8 |
| 6 20 | 18 19.12 | −51 38.0 | 1.102 | 2.053 | 13.7 | 19.7 |
| 6 30 | 18 6.29 | −52 42.1 | 1.096 | 2.040 | 14.5 | 19.7 |
| 7 10 | 17 54.19 | −53 3.2 | 1.109 | 2.029 | 16.6 | 19.7 |
| 7 20 | 17 45.26 | −52 45.0 | 1.140 | 2.020 | 19.3 | 19.9 |
| 7 30 | 17 41.13 | −51 56.9 | 1.186 | 2.012 | 22.0 | 20.1 |

**127648** 2003 $CA_{18}$ 6 24.4 180°.90 1°.6/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.83 | −19 11.4 | 1.623 | 2.483 | 15.3 | 20.8 |
| 5 31 | 18 37.71 | −19 13.8 | 1.550 | 2.484 | 11.6 | 20.5 |
| 6 10 | 18 28.99 | −19 20.8 | 1.499 | 2.485 | 7.2 | 20.3 |
| 6 20 | 18 18.48 | −19 31.2 | 1.473 | 2.485 | 2.7 | 20.0 |
| 6 30 | 18 7.33 | −19 43.8 | 1.473 | 2.484 | 3.1 | 20.0 |
| 7 10 | 17 56.88 | −19 57.5 | 1.500 | 2.483 | 7.6 | 20.3 |
| 7 20 | 17 48.25 | −20 12.1 | 1.551 | 2.481 | 12.0 | 20.5 |
| 7 30 | 17 42.27 | −20 27.9 | 1.624 | 2.479 | 15.7 | 20.8 |

**229574** 2006 $AX_{95}$ 6 24.4 263°.25 0°.1/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.42 | −23 3.2 | 1.858 | 2.719 | 13.6 | 21.3 |
| 5 31 | 18 35.09 | −23 5.3 | 1.769 | 2.704 | 10.2 | 21.1 |
| 6 10 | 18 27.39 | −23 8.1 | 1.702 | 2.689 | 6.3 | 20.8 |
| 6 20 | 18 17.99 | −23 10.3 | 1.661 | 2.674 | 2.0 | 20.5 |
| 6 30 | 18 7.89 | −23 10.5 | 1.646 | 2.659 | 2.5 | 20.5 |
| 7 10 | 17 58.26 | −23 8.7 | 1.658 | 2.643 | 6.9 | 20.7 |
| 7 20 | 17 50.15 | −23 5.4 | 1.696 | 2.627 | 11.1 | 20.9 |
| 7 30 | 17 44.39 | −23 1.8 | 1.755 | 2.611 | 14.7 | 21.1 |

**126364** 2002 $AY_{182}$ 6 24.4 23°.07 0°.5/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.92 | −23 35.7 | 1.435 | 2.312 | 15.9 | 19.4 |
| 5 31 | 18 34.30 | −23 49.9 | 1.373 | 2.317 | 11.9 | 19.1 |
| 6 10 | 18 26.99 | −24 5.6 | 1.332 | 2.322 | 7.3 | 18.9 |
| 6 20 | 18 17.85 | −24 20.2 | 1.314 | 2.328 | 2.3 | 18.6 |
| 6 30 | 18 8.15 | −24 31.9 | 1.322 | 2.334 | 2.9 | 18.6 |
| 7 10 | 17 59.27 | −24 39.7 | 1.354 | 2.341 | 7.8 | 19.0 |
| 7 20 | 17 52.38 | −24 44.2 | 1.409 | 2.349 | 12.2 | 19.2 |
| 7 30 | 17 48.28 | −24 46.8 | 1.485 | 2.357 | 16.0 | 19.5 |

**205672** 2001 $XD_{200}$ 6 24.4 215°.14 1°.7/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.67 | −18 8.8 | 1.646 | 2.505 | 15.1 | 20.3 |
| 5 31 | 18 36.92 | −18 20.2 | 1.567 | 2.500 | 11.5 | 20.1 |
| 6 10 | 18 28.58 | −18 37.9 | 1.509 | 2.494 | 7.3 | 19.8 |
| 6 20 | 18 18.38 | −19 0.7 | 1.476 | 2.487 | 2.9 | 19.5 |
| 6 30 | 18 7.44 | −19 26.7 | 1.469 | 2.480 | 3.2 | 19.5 |
| 7 10 | 17 57.05 | −19 54.3 | 1.489 | 2.473 | 7.7 | 19.8 |
| 7 20 | 17 48.39 | −20 22.4 | 1.533 | 2.465 | 12.0 | 20.0 |
| 7 30 | 17 42.32 | −20 50.7 | 1.599 | 2.456 | 15.8 | 20.2 |

**61172** 2000 $NE_{21}$ 6 24.5 11°.15 2°.9/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.19 | −32 43.8 | 1.545 | 2.408 | 15.8 | 17.6 |
| 5 31 | 18 38.14 | −32 15.9 | 1.475 | 2.409 | 12.0 | 17.4 |
| 6 10 | 18 29.25 | −31 37.0 | 1.426 | 2.410 | 7.8 | 17.1 |
| 6 20 | 18 18.53 | −30 45.2 | 1.402 | 2.411 | 3.8 | 16.9 |
| 6 30 | 18 7.38 | −29 41.0 | 1.403 | 2.413 | 3.9 | 16.9 |
| 7 10 | 17 57.28 | −28 27.9 | 1.431 | 2.414 | 7.9 | 17.2 |
| 7 20 | 17 49.39 | −27 11.6 | 1.483 | 2.417 | 12.2 | 17.4 |
| 7 30 | 17 44.46 | −25 57.5 | 1.556 | 2.419 | 15.8 | 17.6 |

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| **394698** 2008 $CH_{205}$ | | | 6 24.5 100°.39 | | 0°.4/24.4 17 | |
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.36 | −24 9.2 | 2.270 | 3.126 | 11.7 | 21.9 |
| 5 31 | 18 32.97 | −24 17.4 | 2.202 | 3.135 | 8.7 | 21.7 |
| 6 10 | 18 25.78 | −24 25.5 | 2.158 | 3.144 | 5.3 | 21.5 |
| 6 20 | 18 17.43 | −24 32.0 | 2.140 | 3.153 | 1.7 | 21.3 |
| 6 30 | 18 8.74 | −24 36.0 | 2.150 | 3.162 | 2.1 | 21.3 |
| 7 10 | 18 0.60 | −24 37.3 | 2.187 | 3.171 | 5.6 | 21.6 |
| 7 20 | 17 53.77 | −24 36.2 | 2.251 | 3.179 | 8.9 | 21.8 |
| 7 30 | 17 48.82 | −24 33.9 | 2.339 | 3.188 | 11.7 | 22.0 |
| **499523** 2010 $PV_{74}$ | | | 6 24.5 322°.16 | | 5°.1/24.9 17 | |
| 5 21 | 18 35.13 | −13 37.6 | 1.111 | 1.999 | 18.8 | 20.4 |
| 5 31 | 18 32.33 | −13 22.8 | 1.031 | 1.976 | 14.8 | 20.1 |
| 6 10 | 18 26.33 | −13 21.1 | 0.968 | 1.954 | 10.1 | 19.7 |
| 6 20 | 18 17.82 | −13 34.6 | 0.925 | 1.932 | 5.9 | 19.4 |
| 6 30 | 18 8.10 | −14 3.8 | 0.904 | 1.911 | 6.0 | 19.4 |
| 7 10 | 17 58.85 | −14 47.0 | 0.905 | 1.892 | 10.6 | 19.5 |
| 7 20 | 17 51.66 | −15 41.0 | 0.925 | 1.874 | 15.9 | 19.8 |
| 7 30 | 17 47.78 | −16 41.8 | 0.963 | 1.857 | 20.8 | 20.0 |
| **255330** 2005 $WW_{40}$ | | | 6 24.5 269°.74 | | 3°.9/25.3 18 | |
| 5 21 | 18 36.74 | − 9 33.7 | 2.414 | 3.246 | 11.8 | 20.3 |
| 5 31 | 18 31.78 | − 9 47.9 | 2.320 | 3.231 | 9.3 | 20.1 |
| 6 10 | 18 25.14 | −10 12.6 | 2.250 | 3.216 | 6.6 | 19.9 |
| 6 20 | 18 17.28 | −10 47.9 | 2.205 | 3.201 | 4.3 | 19.7 |
| 6 30 | 18 8.91 | −11 32.9 | 2.189 | 3.186 | 4.2 | 19.7 |
| 7 10 | 18 0.80 | −12 25.9 | 2.200 | 3.171 | 6.5 | 19.8 |
| 7 20 | 17 53.69 | −13 24.6 | 2.238 | 3.156 | 9.4 | 20.0 |
| 7 30 | 17 48.21 | −14 26.7 | 2.300 | 3.140 | 12.2 | 20.1 |
| **294506** 2007 $XB_{1}$ | | | 6 24.5 225°.83 | | 0°.2/24.5 17 | |
| 5 21 | 18 43.40 | −23 50.4 | 1.733 | 2.593 | 14.5 | 21.8 |
| 5 31 | 18 37.44 | −23 52.0 | 1.650 | 2.585 | 10.9 | 21.5 |
| 6 10 | 18 28.89 | −23 53.5 | 1.588 | 2.575 | 6.7 | 21.3 |
| 6 20 | 18 18.50 | −23 53.1 | 1.552 | 2.566 | 2.1 | 20.9 |
| 6 30 | 18 7.40 | −23 49.6 | 1.543 | 2.555 | 2.7 | 21.0 |
| 7 10 | 17 56.89 | −23 42.7 | 1.561 | 2.545 | 7.3 | 21.2 |
| 7 20 | 17 48.11 | −23 33.7 | 1.603 | 2.533 | 11.6 | 21.5 |
| 7 30 | 17 41.94 | −23 24.4 | 1.667 | 2.521 | 15.4 | 21.7 |
| **89516** 2001 $XN_{59}$ | | | 6 24.5 329°.71 | | 0°.5/24.6 18 | |
| 5 21 | 18 39.61 | −17 49.9 | 1.462 | 2.333 | 16.1 | 18.2 |
| 5 31 | 18 35.05 | −18 55.0 | 1.384 | 2.324 | 12.2 | 18.0 |
| 6 10 | 18 27.68 | −20 12.5 | 1.328 | 2.316 | 7.6 | 17.7 |
| 6 20 | 18 18.19 | −21 38.2 | 1.295 | 2.309 | 2.5 | 17.4 |
| 6 30 | 18 7.74 | −23 6.6 | 1.289 | 2.302 | 2.9 | 17.4 |
| 7 10 | 17 57.76 | −24 31.9 | 1.308 | 2.295 | 8.1 | 17.7 |
| 7 20 | 17 49.57 | −25 50.2 | 1.351 | 2.289 | 12.8 | 17.9 |
| 7 30 | 17 44.22 | −26 59.5 | 1.415 | 2.283 | 16.8 | 18.1 |
| **103117** 1999 $XY_{181}$ | | | 6 24.5 164°.60 | | 5°.0/23.7 18 | |
| 5 21 | 18 44.88 | −37 54.2 | 2.561 | 3.388 | 11.4 | 20.4 |
| 5 31 | 18 38.01 | −38 51.1 | 2.489 | 3.394 | 9.0 | 20.2 |
| 6 10 | 18 29.00 | −39 40.7 | 2.442 | 3.399 | 6.7 | 20.1 |
| 6 20 | 18 18.49 | −40 18.5 | 2.421 | 3.404 | 5.2 | 20.0 |
| 6 30 | 18 7.45 | −40 41.3 | 2.429 | 3.408 | 5.4 | 20.0 |
| 7 10 | 17 56.92 | −40 48.6 | 2.464 | 3.412 | 7.3 | 20.2 |
| 7 20 | 17 47.84 | −40 41.8 | 2.525 | 3.414 | 9.6 | 20.3 |
| 7 30 | 17 40.95 | −40 24.3 | 2.609 | 3.417 | 11.8 | 20.5 |
| **438164** 2005 $SV_{269}$ | | | 6 24.5 228°.40 | | 2°.6/24.4 18 | |
| 5 21 | 18 40.21 | −33 2.2 | 2.932 | 3.768 | 9.8 | 21.5 |
| 5 31 | 18 34.18 | −33 8.5 | 2.838 | 3.756 | 7.5 | 21.3 |
| 6 10 | 18 26.49 | −33 9.5 | 2.769 | 3.744 | 5.1 | 21.1 |
| 6 20 | 18 17.68 | −33 3.0 | 2.728 | 3.731 | 2.9 | 20.9 |
| 6 30 | 18 8.47 | −32 48.1 | 2.716 | 3.718 | 3.1 | 20.9 |
| 7 10 | 17 59.67 | −32 25.1 | 2.733 | 3.704 | 5.4 | 21.1 |
| 7 20 | 17 51.98 | −31 55.4 | 2.777 | 3.690 | 8.0 | 21.2 |
| 7 30 | 17 45.97 | −31 21.4 | 2.846 | 3.675 | 10.4 | 21.4 |
| **320429** 2007 $VN_{91}$ | | | 6 24.5 205°.82 | | 1°.7/24.4 17 | |
| 5 21 | 18 44.67 | −27 37.4 | 1.743 | 2.601 | 14.5 | 21.6 |
| 5 31 | 18 38.37 | −27 43.0 | 1.664 | 2.597 | 10.9 | 21.4 |
| 6 10 | 18 29.44 | −27 45.2 | 1.608 | 2.593 | 6.9 | 21.1 |
| 6 20 | 18 18.67 | −27 41.4 | 1.576 | 2.588 | 2.7 | 20.8 |
| 6 30 | 18 7.26 | −27 29.9 | 1.572 | 2.582 | 3.1 | 20.9 |
| 7 10 | 17 56.55 | −27 11.1 | 1.594 | 2.576 | 7.4 | 21.1 |
| 7 20 | 17 47.69 | −26 47.2 | 1.641 | 2.570 | 11.5 | 21.3 |
| 7 30 | 17 41.53 | −26 21.3 | 1.710 | 2.562 | 15.1 | 21.5 |
| **2542** Calpurnia | | | 6 24.5 69°.23 | | 1°.8/24.6 18 | |
| 5 21 | 18 36.76 | −17 39.3 | 2.192 | 3.046 | 12.1 | 16.4 |
| 5 31 | 18 31.80 | −17 38.8 | 2.122 | 3.053 | 9.1 | 16.3 |
| 6 10 | 18 25.09 | −17 42.8 | 2.076 | 3.060 | 5.8 | 16.1 |
| 6 20 | 18 17.25 | −17 50.7 | 2.056 | 3.067 | 2.5 | 15.9 |
| 6 30 | 18 9.05 | −18 2.0 | 2.064 | 3.074 | 2.7 | 15.9 |
| 7 10 | 18 1.36 | −18 16.0 | 2.099 | 3.081 | 6.0 | 16.1 |
| 7 20 | 17 54.92 | −18 32.1 | 2.160 | 3.088 | 9.2 | 16.3 |
| 7 30 | 17 50.30 | −18 49.9 | 2.244 | 3.096 | 12.1 | 16.5 |

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| **160231** 2002 $HA$ | | | 6 24.5 344°.25 | | 11°.8/26.2 16 | |
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 30.82 | − 0 1.0 | 1.218 | 2.071 | 19.8 | 18.4 |
| 5 31 | 18 28.60 | + 0 43.5 | 1.146 | 2.053 | 17.0 | 18.2 |
| 6 10 | 18 23.75 | + 1 2.7 | 1.091 | 2.037 | 14.2 | 17.9 |
| 6 20 | 18 16.96 | + 0 50.4 | 1.055 | 2.023 | 12.2 | 17.8 |
| 6 30 | 18 9.33 | + 0 3.3 | 1.039 | 2.010 | 11.9 | 17.7 |
| 7 10 | 18 2.23 | − 1 16.6 | 1.043 | 1.999 | 13.7 | 17.8 |
| 7 20 | 17 56.89 | − 3 2.9 | 1.067 | 1.990 | 16.8 | 17.9 |
| 7 30 | 17 54.27 | − 5 6.8 | 1.109 | 1.983 | 20.0 | 18.1 |
| **508475** 2016 $OX_{1}$ | | | 6 24.5 5°.04 | | 7°.8/23.9 17 | |
| 5 21 | 18 36.72 | − 9 51.1 | 1.400 | 2.264 | 17.1 | 21.2 |
| 5 31 | 18 32.51 | − 8 26.2 | 1.338 | 2.263 | 13.7 | 21.0 |
| 6 10 | 18 25.85 | − 7 11.7 | 1.296 | 2.264 | 10.3 | 20.8 |
| 6 20 | 18 17.54 | − 6 12.6 | 1.277 | 2.265 | 8.0 | 20.7 |
| 6 30 | 18 8.74 | − 5 33.1 | 1.281 | 2.267 | 8.3 | 20.7 |
| 7 10 | 18 0.69 | − 5 14.7 | 1.308 | 2.270 | 11.0 | 20.9 |
| 7 20 | 17 54.43 | − 5 16.6 | 1.357 | 2.274 | 14.4 | 21.1 |
| 7 30 | 17 50.71 | − 5 35.7 | 1.425 | 2.278 | 17.6 | 21.3 |
| **257781** 2000 $DK_{28}$ | | | 6 24.5 189°.95 | | 1°.2/24.6 18 | |
| 5 21 | 18 42.09 | −19 34.7 | 2.064 | 2.913 | 12.9 | 21.9 |
| 5 31 | 18 35.97 | −19 37.2 | 1.983 | 2.912 | 9.7 | 21.6 |
| 6 10 | 18 27.77 | −19 42.9 | 1.927 | 2.911 | 6.1 | 21.4 |
| 6 20 | 18 18.13 | −19 50.9 | 1.896 | 2.908 | 2.3 | 21.2 |
| 6 30 | 18 7.99 | −20 0.1 | 1.894 | 2.905 | 2.6 | 21.2 |
| 7 10 | 17 58.36 | −20 10.0 | 1.920 | 2.901 | 6.4 | 21.4 |
| 7 20 | 17 50.14 | −20 20.5 | 1.972 | 2.897 | 10.1 | 21.6 |
| 7 30 | 17 44.04 | −20 31.8 | 2.047 | 2.892 | 13.3 | 21.8 |
| **506433** 2000 $UT_{33}$ | | | 6 24.5 261°.10 | | 4°.2/23.7 18 | |
| 5 21 | 18 43.79 | −32 6.7 | 2.043 | 2.892 | 13.0 | 21.6 |
| 5 31 | 18 37.86 | −33 6.2 | 1.947 | 2.871 | 10.1 | 21.4 |
| 6 10 | 18 29.30 | −34 3.5 | 1.874 | 2.849 | 7.0 | 21.2 |
| 6 20 | 18 18.72 | −34 53.1 | 1.827 | 2.827 | 4.5 | 21.0 |
| 6 30 | 18 7.15 | −35 30.6 | 1.807 | 2.805 | 5.0 | 20.9 |
| 7 10 | 17 55.87 | −35 53.5 | 1.815 | 2.782 | 8.0 | 21.1 |
| 7 20 | 17 46.11 | −36 2.3 | 1.847 | 2.758 | 11.5 | 21.2 |
| 7 30 | 17 38.84 | −35 59.8 | 1.902 | 2.734 | 14.7 | 21.4 |
| **510115** 2010 $SG_{40}$ | | | 6 24.5 281°.48 | | 7°.4/23.2 18 | |
| 5 21 | 18 43.35 | −43 39.5 | 2.290 | 3.111 | 12.7 | 21.5 |
| 5 31 | 18 37.48 | −44 45.1 | 2.209 | 3.100 | 10.6 | 21.4 |
| 6 10 | 18 28.99 | −45 40.1 | 2.152 | 3.089 | 8.7 | 21.2 |
| 6 20 | 18 18.59 | −46 18.8 | 2.118 | 3.078 | 7.5 | 21.1 |
| 6 30 | 18 7.38 | −46 37.0 | 2.110 | 3.066 | 7.8 | 21.1 |
| 7 10 | 17 56.69 | −46 33.9 | 2.128 | 3.055 | 9.4 | 21.2 |
| 7 20 | 17 47.71 | −46 11.5 | 2.169 | 3.044 | 11.5 | 21.3 |
| 7 30 | 17 41.33 | −45 34.4 | 2.231 | 3.033 | 13.8 | 21.4 |
| **35594** 1998 $HY_{114}$ | | | 6 24.5 34°.84 | | 6°.6/25.9 18 | |
| 5 21 | 18 35.97 | − 5 38.8 | 1.670 | 2.512 | 15.8 | 17.6 |
| 5 31 | 18 31.50 | − 5 29.7 | 1.618 | 2.529 | 12.7 | 17.4 |
| 6 10 | 18 25.01 | − 5 37.2 | 1.588 | 2.547 | 9.5 | 17.3 |
| 6 20 | 18 17.24 | − 6 2.1 | 1.580 | 2.565 | 7.1 | 17.2 |
| 6 30 | 18 9.16 | − 6 43.9 | 1.597 | 2.584 | 6.9 | 17.2 |
| 7 10 | 18 1.77 | − 7 39.5 | 1.640 | 2.604 | 8.9 | 17.4 |
| 7 20 | 17 55.91 | − 8 45.3 | 1.705 | 2.624 | 11.8 | 17.6 |
| 7 30 | 17 52.18 | − 9 56.9 | 1.793 | 2.645 | 14.6 | 17.8 |
| **348300** 2004 $YG_{14}$ | | | 6 24.5 5°.95 | | 1°.9/24.8 17 | |
| 5 21 | 18 37.62 | −17 6.0 | 1.595 | 2.463 | 15.1 | 20.4 |
| 5 31 | 18 33.14 | −17 27.8 | 1.526 | 2.463 | 11.4 | 20.2 |
| 6 10 | 18 26.26 | −17 57.8 | 1.477 | 2.464 | 7.2 | 19.9 |
| 6 20 | 18 17.71 | −18 34.6 | 1.453 | 2.465 | 3.0 | 19.7 |
| 6 30 | 18 8.55 | −19 15.8 | 1.455 | 2.467 | 3.1 | 19.7 |
| 7 10 | 18 0.00 | −19 58.9 | 1.482 | 2.469 | 7.4 | 20.0 |
| 7 20 | 17 53.10 | −20 42.0 | 1.534 | 2.471 | 11.6 | 20.2 |
| 7 30 | 17 48.67 | −21 23.8 | 1.606 | 2.474 | 15.2 | 20.4 |
| **500913** 2013 $OD_{10}$ | | | 6 24.5 310°.24 | | 3°.9/24.9 17 | |
| 5 21 | 18 38.04 | −14 1.5 | 1.326 | 2.199 | 17.2 | 21.0 |
| 5 31 | 18 34.05 | −14 6.2 | 1.245 | 2.183 | 13.4 | 20.7 |
| 6 10 | 18 27.16 | −14 23.5 | 1.184 | 2.168 | 9.0 | 20.5 |
| 6 20 | 18 18.08 | −14 53.7 | 1.145 | 2.152 | 4.8 | 20.2 |
| 6 30 | 18 8.01 | −15 35.5 | 1.129 | 2.138 | 4.8 | 20.1 |
| 7 10 | 17 58.43 | −16 26.2 | 1.138 | 2.123 | 9.2 | 20.3 |
| 7 20 | 17 50.70 | −17 22.6 | 1.169 | 2.110 | 14.0 | 20.6 |
| 7 30 | 17 45.91 | −18 21.6 | 1.219 | 2.096 | 18.4 | 20.8 |
| **462581** 2009 $FE_{8}$ | | | 6 24.5 323°.89 | | 9°.5/23.2 17 | |
| 5 21 | 18 45.48 | −39 59.2 | 1.330 | 2.191 | 18.0 | 20.6 |
| 5 31 | 18 40.45 | −41 29.7 | 1.265 | 2.185 | 14.7 | 20.3 |
| 6 10 | 18 31.47 | −42 49.1 | 1.219 | 2.179 | 11.6 | 20.1 |
| 6 20 | 18 19.49 | −43 47.0 | 1.195 | 2.174 | 9.6 | 20.0 |
| 6 30 | 18 6.28 | −44 15.4 | 1.193 | 2.170 | 10.1 | 20.0 |
| 7 10 | 17 54.02 | −44 12.4 | 1.214 | 2.165 | 12.7 | 20.1 |
| 7 20 | 17 44.58 | −43 42.5 | 1.255 | 2.161 | 16.1 | 20.3 |
| 7 30 | 17 39.21 | −42 54.0 | 1.314 | 2.157 | 19.3 | 20.5 |

**365157** 2009 $DU_{102}$ 6 24.5 226°.49 2°.8/24.8 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 41.52 | −15 48.0 | 1.534 | 2.396 | 15.9 | 21.1 |
| 5 31 | 18 36.19 | −15 54.2 | 1.458 | 2.391 | 12.2 | 20.8 |
| 6 10 | 18 28.22 | −16 9.4 | 1.403 | 2.387 | 7.9 | 20.6 |
| 6 20 | 18 18.35 | −16 32.8 | 1.372 | 2.382 | 3.7 | 20.3 |
| 6 30 | 18 7.73 | −17 3.1 | 1.367 | 2.376 | 3.9 | 20.3 |
| 7 10 | 17 57.71 | −17 38.1 | 1.387 | 2.371 | 8.2 | 20.6 |
| 7 20 | 17 49.47 | −18 16.1 | 1.431 | 2.365 | 12.6 | 20.8 |
| 7 30 | 17 43.90 | −18 55.8 | 1.497 | 2.359 | 16.4 | 21.0 |

**483379** 2016 $TP_9$ 6 24.5 205°.78 4°.4/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.17 | −39 38.3 | 3.207 | 4.026 | 9.5 | 22.1 |
| 5 31 | 18 34.94 | −40 14.5 | 3.123 | 4.020 | 7.6 | 21.9 |
| 6 10 | 18 27.00 | −40 43.4 | 3.062 | 4.014 | 5.8 | 21.8 |
| 6 20 | 18 17.89 | −41 2.1 | 3.029 | 4.007 | 4.6 | 21.7 |
| 6 30 | 18 8.34 | −41 8.6 | 3.024 | 3.999 | 4.7 | 21.7 |
| 7 10 | 17 59.17 | −41 2.6 | 3.047 | 3.991 | 6.2 | 21.8 |
| 7 20 | 17 51.12 | −40 45.4 | 3.097 | 3.983 | 8.1 | 21.9 |
| 7 30 | 17 44.78 | −40 19.5 | 3.170 | 3.974 | 10.0 | 22.0 |

**352380** 2007 $VE_{299}$ 6 24.5 246°.27 0°.6/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.80 | −20 44.7 | 2.173 | 3.027 | 12.1 | 21.3 |
| 5 31 | 18 33.55 | −21 0.0 | 2.086 | 3.018 | 9.1 | 21.1 |
| 6 10 | 18 26.33 | −21 18.4 | 2.022 | 3.007 | 5.6 | 20.9 |
| 6 20 | 18 17.72 | −21 38.5 | 1.984 | 2.997 | 1.9 | 20.6 |
| 6 30 | 18 8.54 | −21 58.9 | 1.974 | 2.986 | 2.2 | 20.6 |
| 7 10 | 17 59.74 | −22 18.5 | 1.992 | 2.975 | 6.1 | 20.8 |
| 7 20 | 17 52.20 | −22 36.8 | 2.036 | 2.964 | 9.7 | 21.0 |
| 7 30 | 17 46.62 | −22 54.1 | 2.103 | 2.953 | 12.8 | 21.2 |

**470396** 2007 $TY_{437}$ 6 24.5 228°.62 1°.6/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.13 | −26 17.9 | 2.264 | 3.116 | 11.8 | 21.8 |
| 5 31 | 18 34.57 | −26 55.2 | 2.178 | 3.109 | 8.9 | 21.6 |
| 6 10 | 18 26.97 | −27 32.7 | 2.117 | 3.102 | 5.6 | 21.3 |
| 6 20 | 18 17.92 | −28 7.3 | 2.082 | 3.094 | 2.3 | 21.1 |
| 6 30 | 18 8.28 | −28 36.6 | 2.076 | 3.086 | 2.7 | 21.1 |
| 7 10 | 17 59.04 | −28 59.1 | 2.098 | 3.077 | 6.2 | 21.3 |
| 7 20 | 17 51.07 | −29 14.9 | 2.146 | 3.068 | 9.5 | 21.5 |
| 7 30 | 17 45.12 | −29 24.9 | 2.217 | 3.059 | 12.5 | 21.7 |

**104692** 2000 $GX_{158}$ 6 24.5 350°.33 0°.6/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.12 | −21 6.0 | 1.844 | 2.708 | 13.5 | 19.2 |
| 5 31 | 18 33.26 | −21 15.5 | 1.769 | 2.706 | 10.2 | 19.0 |
| 6 10 | 18 26.23 | −21 27.9 | 1.718 | 2.705 | 6.3 | 18.7 |
| 6 20 | 18 17.69 | −21 41.9 | 1.691 | 2.704 | 2.1 | 18.4 |
| 6 30 | 18 8.64 | −21 56.2 | 1.691 | 2.703 | 2.5 | 18.5 |
| 7 10 | 18 0.14 | −22 9.8 | 1.717 | 2.703 | 6.7 | 18.7 |
| 7 20 | 17 53.14 | −22 22.5 | 1.769 | 2.702 | 10.5 | 19.0 |
| 7 30 | 17 48.37 | −22 34.7 | 1.842 | 2.702 | 13.9 | 19.2 |

**250045** 2002 $CX_{227}$ 6 24.5 109°.97 0°.7/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.35 | −26 22.3 | 2.479 | 3.329 | 11.0 | 21.0 |
| 5 31 | 18 33.53 | −26 14.6 | 2.412 | 3.342 | 8.2 | 20.8 |
| 6 10 | 18 26.06 | −26 4.5 | 2.370 | 3.355 | 5.0 | 20.6 |
| 6 20 | 18 17.57 | −25 51.1 | 2.354 | 3.367 | 1.7 | 20.4 |
| 6 30 | 18 8.84 | −25 34.2 | 2.368 | 3.380 | 2.0 | 20.5 |
| 7 10 | 18 0.68 | −25 14.3 | 2.410 | 3.392 | 5.3 | 20.7 |
| 7 20 | 17 53.79 | −24 52.7 | 2.478 | 3.404 | 8.3 | 20.9 |
| 7 30 | 17 48.69 | −24 31.0 | 2.571 | 3.415 | 10.9 | 21.1 |

**20192** 1997 $BE_4$ 6 24.5 302°.06 1°.3/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.70 | −26 27.6 | 1.618 | 2.489 | 14.8 | 18.5 |
| 5 31 | 18 35.05 | −26 32.6 | 1.526 | 2.466 | 11.2 | 18.2 |
| 6 10 | 18 27.67 | −26 35.8 | 1.455 | 2.444 | 7.1 | 17.9 |
| 6 20 | 18 18.24 | −26 34.5 | 1.408 | 2.421 | 2.6 | 17.5 |
| 6 30 | 18 7.89 | −26 27.1 | 1.387 | 2.399 | 3.1 | 17.5 |
| 7 10 | 17 58.03 | −26 13.5 | 1.391 | 2.377 | 7.8 | 17.8 |
| 7 20 | 17 49.90 | −25 55.1 | 1.419 | 2.355 | 12.4 | 18.0 |
| 7 30 | 17 44.51 | −25 34.7 | 1.467 | 2.334 | 16.4 | 18.2 |

**519920** 2013 $RP_{104}$ 6 24.5 258°.95 2°.2/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.83 | −28 30.9 | 1.686 | 2.549 | 14.7 | 22.1 |
| 5 31 | 18 37.23 | −28 40.7 | 1.602 | 2.537 | 11.2 | 21.8 |
| 6 10 | 18 28.89 | −28 46.8 | 1.540 | 2.525 | 7.1 | 21.6 |
| 6 20 | 18 18.59 | −28 46.0 | 1.502 | 2.513 | 3.0 | 21.3 |
| 6 30 | 18 7.52 | −28 36.5 | 1.490 | 2.500 | 3.4 | 21.3 |
| 7 10 | 17 57.08 | −28 18.2 | 1.505 | 2.488 | 7.7 | 21.5 |
| 7 20 | 17 48.47 | −27 53.5 | 1.544 | 2.475 | 12.0 | 21.7 |
| 7 30 | 17 42.62 | −27 25.5 | 1.604 | 2.462 | 15.7 | 21.9 |

**84328** 2002 $TM_{51}$ 6 24.5 256°.18 1°.1/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.04 | −24 8.8 | 1.731 | 2.594 | 14.4 | 19.5 |
| 5 31 | 18 36.61 | −24 44.5 | 1.644 | 2.581 | 10.8 | 19.2 |
| 6 10 | 18 28.54 | −25 22.7 | 1.580 | 2.567 | 6.7 | 18.9 |
| 6 20 | 18 18.51 | −26 0.2 | 1.541 | 2.553 | 2.4 | 18.6 |
| 6 30 | 18 7.61 | −26 33.4 | 1.528 | 2.539 | 2.9 | 18.6 |
| 7 10 | 17 57.15 | −27 0.3 | 1.542 | 2.525 | 7.5 | 18.9 |
| 7 20 | 17 48.34 | −27 20.6 | 1.580 | 2.511 | 11.8 | 19.1 |
| 7 30 | 17 42.14 | −27 35.3 | 1.640 | 2.496 | 15.5 | 19.3 |

**470866** 2008 $YK_{158}$ 6 24.5 199°.80 2°.3/24.8 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.55 | −14 58.4 | 2.684 | 3.520 | 10.6 | 22.5 |
| 5 31 | 18 32.93 | −15 1.4 | 2.597 | 3.516 | 8.1 | 22.4 |
| 6 10 | 18 25.76 | −15 9.7 | 2.535 | 3.511 | 5.3 | 22.2 |
| 6 20 | 18 17.53 | −15 22.9 | 2.499 | 3.505 | 2.8 | 22.0 |
| 6 30 | 18 8.90 | −15 40.7 | 2.493 | 3.499 | 2.9 | 22.0 |
| 7 10 | 18 0.60 | −16 2.1 | 2.516 | 3.492 | 5.5 | 22.2 |
| 7 20 | 17 53.29 | −16 26.5 | 2.566 | 3.485 | 8.3 | 22.3 |
| 7 30 | 17 47.53 | −16 53.0 | 2.641 | 3.477 | 10.9 | 22.5 |

**355196** 2006 $XY_7$ 6 24.5 209°.12 3°.5/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.40 | −11 26.4 | 2.772 | 3.603 | 10.5 | 21.9 |
| 5 31 | 18 31.27 | −11 11.5 | 2.686 | 3.597 | 8.2 | 21.7 |
| 6 10 | 18 24.71 | −11 3.1 | 2.624 | 3.591 | 5.8 | 21.5 |
| 6 20 | 18 17.20 | −11 1.6 | 2.588 | 3.584 | 3.8 | 21.4 |
| 6 30 | 18 9.33 | −11 7.5 | 2.581 | 3.577 | 3.9 | 21.4 |
| 7 10 | 18 1.78 | −11 20.4 | 2.603 | 3.570 | 5.9 | 21.5 |
| 7 20 | 17 55.14 | −11 39.5 | 2.651 | 3.562 | 8.4 | 21.7 |
| 7 30 | 17 49.94 | −12 3.7 | 2.723 | 3.553 | 10.8 | 21.8 |

**126661** 2002 $CQ_{206}$ 6 24.5 330°.32 2°.1/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.84 | −26 23.6 | 1.410 | 2.291 | 16.0 | 18.9 |
| 5 31 | 18 33.93 | −26 52.6 | 1.332 | 2.277 | 12.1 | 18.6 |
| 6 10 | 18 27.09 | −27 21.9 | 1.274 | 2.264 | 7.6 | 18.3 |
| 6 20 | 18 18.09 | −27 47.7 | 1.240 | 2.252 | 3.1 | 18.0 |
| 6 30 | 18 8.18 | −28 6.6 | 1.229 | 2.241 | 3.7 | 18.0 |
| 7 10 | 17 58.88 | −28 17.1 | 1.243 | 2.230 | 8.4 | 18.3 |
| 7 20 | 17 51.56 | −28 19.7 | 1.279 | 2.220 | 13.1 | 18.5 |
| 7 30 | 17 47.22 | −28 16.7 | 1.335 | 2.211 | 17.2 | 18.8 |

**260430** 2004 $XS_{104}$ 6 24.5 211°.86 1°.7/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.51 | −26 29.1 | 1.703 | 2.563 | 14.7 | 21.4 |
| 5 31 | 18 38.40 | −26 51.6 | 1.623 | 2.558 | 11.1 | 21.2 |
| 6 10 | 18 29.58 | −27 13.1 | 1.566 | 2.552 | 7.0 | 20.9 |
| 6 20 | 18 18.82 | −27 30.2 | 1.533 | 2.545 | 2.7 | 20.6 |
| 6 30 | 18 7.31 | −27 40.2 | 1.528 | 2.538 | 3.2 | 20.7 |
| 7 10 | 17 56.44 | −27 42.3 | 1.549 | 2.531 | 7.6 | 20.9 |
| 7 20 | 17 47.39 | −27 37.7 | 1.594 | 2.523 | 11.8 | 21.1 |
| 7 30 | 17 41.09 | −27 28.9 | 1.661 | 2.514 | 15.5 | 21.4 |

**510413** 2011 $UH_{240}$ 6 24.5 338°.04 2°.7/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.31 | −29 7.9 | 1.802 | 2.668 | 13.7 | 21.0 |
| 5 31 | 18 33.67 | −29 37.6 | 1.725 | 2.662 | 10.4 | 20.8 |
| 6 10 | 18 26.62 | −30 4.7 | 1.670 | 2.655 | 6.7 | 20.5 |
| 6 20 | 18 17.88 | −30 25.7 | 1.640 | 2.649 | 3.3 | 20.3 |
| 6 30 | 18 8.49 | −30 37.9 | 1.636 | 2.644 | 3.7 | 20.3 |
| 7 10 | 17 59.68 | −30 40.7 | 1.658 | 2.639 | 7.3 | 20.5 |
| 7 20 | 17 52.51 | −30 35.0 | 1.704 | 2.635 | 11.1 | 20.8 |
| 7 30 | 17 47.80 | −30 23.2 | 1.772 | 2.631 | 14.4 | 21.0 |

**348544** 2005 $UR_{270}$ 6 24.5 280°.44 3°.8/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.96 | −32 41.8 | 2.256 | 3.106 | 11.9 | 20.8 |
| 5 31 | 18 34.67 | −33 26.7 | 2.165 | 3.090 | 9.2 | 20.6 |
| 6 10 | 18 27.16 | −34 7.9 | 2.098 | 3.074 | 6.4 | 20.4 |
| 6 20 | 18 18.06 | −34 41.5 | 2.057 | 3.058 | 4.1 | 20.3 |
| 6 30 | 18 8.24 | −35 4.2 | 2.044 | 3.042 | 4.4 | 20.3 |
| 7 10 | 17 58.80 | −35 14.8 | 2.057 | 3.026 | 7.1 | 20.4 |
| 7 20 | 17 50.71 | −35 14.0 | 2.096 | 3.009 | 10.2 | 20.6 |
| 7 30 | 17 44.78 | −35 4.3 | 2.157 | 2.993 | 13.0 | 20.7 |

**263302** 2008 $CO_{18}$ 6 24.5 235°.91 4°.5/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.24 | −36 17.1 | 2.331 | 3.172 | 11.9 | 21.3 |
| 5 31 | 18 35.46 | −36 48.1 | 2.251 | 3.167 | 9.3 | 21.1 |
| 6 10 | 18 27.53 | −37 11.8 | 2.195 | 3.162 | 6.7 | 20.9 |
| 6 20 | 18 18.13 | −37 24.4 | 2.164 | 3.157 | 4.7 | 20.8 |
| 6 30 | 18 8.21 | −37 23.8 | 2.160 | 3.152 | 4.9 | 20.8 |
| 7 10 | 17 58.84 | −37 9.8 | 2.184 | 3.147 | 7.1 | 20.9 |
| 7 20 | 17 50.94 | −36 44.3 | 2.233 | 3.141 | 9.9 | 21.1 |
| 7 30 | 17 45.24 | −36 10.8 | 2.304 | 3.136 | 12.4 | 21.2 |

**328175** 2008 $DN_1$ 6 24.5 146°.02 0°.4/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.19 | −22 20.9 | 1.780 | 2.638 | 14.2 | 22.2 |
| 5 31 | 18 37.02 | −22 22.7 | 1.712 | 2.646 | 10.6 | 22.0 |
| 6 10 | 18 28.51 | −22 25.7 | 1.667 | 2.653 | 6.5 | 21.7 |
| 6 20 | 18 18.43 | −22 28.4 | 1.647 | 2.660 | 2.1 | 21.5 |
| 6 30 | 18 7.89 | −22 29.7 | 1.654 | 2.667 | 2.5 | 21.5 |
| 7 10 | 17 58.08 | −22 29.5 | 1.689 | 2.673 | 6.9 | 21.8 |
| 7 20 | 17 49.99 | −22 28.3 | 1.748 | 2.678 | 10.9 | 22.0 |
| 7 30 | 17 44.35 | −22 27.3 | 1.830 | 2.683 | 14.3 | 22.3 |

**234080** 1999 $TP_{54}$ 6 24.5 322°.59 1°.1/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.72 | −25 43.2 | 1.717 | 2.584 | 14.2 | 20.6 |
| 5 31 | 18 34.71 | −25 52.4 | 1.642 | 2.580 | 10.7 | 20.4 |
| 6 10 | 18 27.24 | −26 0.6 | 1.588 | 2.576 | 6.6 | 20.2 |
| 6 20 | 18 18.07 | −26 5.5 | 1.559 | 2.572 | 2.3 | 19.9 |
| 6 30 | 18 8.30 | −26 5.5 | 1.557 | 2.569 | 2.8 | 19.9 |
| 7 10 | 17 59.17 | −26 0.4 | 1.580 | 2.565 | 7.1 | 20.2 |
| 7 20 | 17 51.75 | −25 51.4 | 1.628 | 2.562 | 11.2 | 20.4 |
| 7 30 | 17 46.83 | −25 40.4 | 1.697 | 2.559 | 14.8 | 20.6 |

**81882** 2000 $LN_{15}$ 6 24.5 107°.87 1°.6/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.37 | −19 42.6 | 2.031 | 2.889 | 12.7 | 19.8 |
| 5 31 | 18 33.19 | −19 25.3 | 1.957 | 2.890 | 9.6 | 19.6 |
| 6 10 | 18 26.07 | −19 10.4 | 1.906 | 2.891 | 6.0 | 19.4 |
| 6 20 | 18 17.66 | −18 57.7 | 1.881 | 2.892 | 2.4 | 19.1 |
| 6 30 | 18 8.84 | −18 47.3 | 1.883 | 2.893 | 2.7 | 19.2 |
| 7 10 | 18 0.57 | −18 39.5 | 1.912 | 2.894 | 6.4 | 19.4 |
| 7 20 | 17 53.69 | −18 34.6 | 1.966 | 2.895 | 9.9 | 19.6 |
| 7 30 | 17 48.82 | −18 33.1 | 2.043 | 2.896 | 13.0 | 19.8 |

**13092** Schrödinger 6 24.5 295°.72 0°.5/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.86 | −22 13.7 | 1.249 | 2.129 | 17.6 | 18.3 |
| 5 31 | 18 37.04 | −22 13.3 | 1.178 | 2.124 | 13.3 | 18.1 |
| 6 10 | 18 29.03 | −22 15.3 | 1.127 | 2.118 | 8.3 | 17.8 |
| 6 20 | 18 18.71 | −22 17.9 | 1.099 | 2.112 | 2.7 | 17.4 |
| 6 30 | 18 7.51 | −22 19.7 | 1.094 | 2.107 | 3.2 | 17.4 |
| 7 10 | 17 57.13 | −22 20.2 | 1.113 | 2.102 | 8.9 | 17.7 |
| 7 20 | 17 49.01 | −22 20.2 | 1.154 | 2.097 | 14.0 | 18.0 |
| 7 30 | 17 44.16 | −22 21.0 | 1.214 | 2.092 | 18.4 | 18.3 |

**152283** 2005 $TK_{6}$ 6 24.5 233°.24 3°.4/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.48 | −34 9.0 | 2.536 | 3.377 | 11.0 | 20.8 |
| 5 31 | 18 34.68 | −34 25.1 | 2.450 | 3.370 | 8.5 | 20.6 |
| 6 10 | 18 26.97 | −34 34.8 | 2.389 | 3.362 | 5.9 | 20.4 |
| 6 20 | 18 17.95 | −34 35.8 | 2.353 | 3.353 | 3.7 | 20.2 |
| 6 30 | 18 8.49 | −34 26.3 | 2.346 | 3.345 | 3.9 | 20.2 |
| 7 10 | 17 59.51 | −34 6.5 | 2.367 | 3.336 | 6.2 | 20.4 |
| 7 20 | 17 51.83 | −33 38.3 | 2.414 | 3.327 | 9.0 | 20.5 |
| 7 30 | 17 46.10 | −33 4.4 | 2.484 | 3.318 | 11.6 | 20.7 |

**274338** 2008 $RV_{29}$ 6 24.5 33°.10 3°.7/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.31 | −35 4.2 | 2.589 | 3.432 | 10.8 | 20.6 |
| 5 31 | 18 33.01 | −35 29.3 | 2.515 | 3.434 | 8.4 | 20.5 |
| 6 10 | 18 25.90 | −35 48.1 | 2.465 | 3.436 | 5.9 | 20.3 |
| 6 20 | 18 17.61 | −35 57.9 | 2.441 | 3.438 | 3.9 | 20.2 |
| 6 30 | 18 8.93 | −35 57.2 | 2.445 | 3.440 | 4.1 | 20.2 |
| 7 10 | 18 0.76 | −35 45.9 | 2.476 | 3.442 | 6.2 | 20.3 |
| 7 20 | 17 53.85 | −35 25.5 | 2.533 | 3.444 | 8.7 | 20.5 |
| 7 30 | 17 48.82 | −34 58.6 | 2.613 | 3.447 | 11.1 | 20.7 |

**89835** 2002 $CM_{12}$ 6 24.5 201°.45 0°.1/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.67 | −23 39.0 | 2.358 | 3.205 | 11.6 | 20.4 |
| 5 31 | 18 35.51 | −23 38.0 | 2.272 | 3.201 | 8.7 | 20.2 |
| 6 10 | 18 27.45 | −23 36.7 | 2.210 | 3.195 | 5.3 | 20.0 |
| 6 20 | 18 18.11 | −23 33.7 | 2.176 | 3.189 | 1.7 | 19.7 |
| 6 30 | 18 8.31 | −23 28.5 | 2.170 | 3.183 | 2.1 | 19.7 |
| 7 10 | 17 58.97 | −23 21.0 | 2.193 | 3.175 | 5.7 | 20.0 |
| 7 20 | 17 50.90 | −23 12.1 | 2.243 | 3.167 | 9.1 | 20.2 |
| 7 30 | 17 44.74 | −23 2.9 | 2.317 | 3.158 | 12.1 | 20.3 |

**371592** 2006 $WH_{52}$ 6 24.5 226°.29 0°.5/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.72 | −24 26.0 | 1.903 | 2.759 | 13.5 | 22.6 |
| 5 31 | 18 36.80 | −24 33.9 | 1.817 | 2.750 | 10.2 | 22.3 |
| 6 10 | 18 28.49 | −24 41.6 | 1.754 | 2.740 | 6.3 | 22.1 |
| 6 20 | 18 18.49 | −24 47.1 | 1.716 | 2.730 | 2.1 | 21.8 |
| 6 30 | 18 7.83 | −24 48.9 | 1.707 | 2.719 | 2.5 | 21.8 |
| 7 10 | 17 57.68 | −24 46.7 | 1.724 | 2.707 | 6.8 | 22.1 |
| 7 20 | 17 49.09 | −24 41.2 | 1.767 | 2.695 | 10.9 | 22.3 |
| 7 30 | 17 42.90 | −24 34.2 | 1.832 | 2.683 | 14.4 | 22.5 |

**393069** 2013 $AP_{83}$ 6 24.5 88°.27 2°.1/24.5 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.62 | −17 58.5 | 2.195 | 3.048 | 12.1 | 21.4 |
| 5 31 | 18 32.44 | −17 35.9 | 2.126 | 3.055 | 9.1 | 21.2 |
| 6 10 | 18 25.52 | −17 16.4 | 2.080 | 3.062 | 5.8 | 21.0 |
| 6 20 | 18 17.48 | −17 0.4 | 2.060 | 3.069 | 2.7 | 20.8 |
| 6 30 | 18 9.13 | −16 48.3 | 2.068 | 3.076 | 3.0 | 20.8 |
| 7 10 | 18 1.32 | −16 40.4 | 2.103 | 3.083 | 6.1 | 21.0 |
| 7 20 | 17 54.77 | −16 36.8 | 2.164 | 3.090 | 9.3 | 21.2 |
| 7 30 | 17 50.06 | −16 37.4 | 2.248 | 3.096 | 12.1 | 21.4 |

**164785** 1999 $ES_{14}$ 6 24.5 219°.53 2°.2/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.22 | −28 4.3 | 1.643 | 2.503 | 15.1 | 20.7 |
| 5 31 | 18 39.07 | −28 22.1 | 1.563 | 2.497 | 11.5 | 20.5 |
| 6 10 | 18 30.07 | −28 36.9 | 1.504 | 2.489 | 7.3 | 20.2 |
| 6 20 | 18 19.03 | −28 45.3 | 1.470 | 2.481 | 3.1 | 19.9 |
| 6 30 | 18 7.19 | −28 44.5 | 1.463 | 2.473 | 3.5 | 19.9 |
| 7 10 | 17 56.04 | −28 34.4 | 1.482 | 2.464 | 7.9 | 20.2 |
| 7 20 | 17 46.84 | −28 17.0 | 1.525 | 2.455 | 12.2 | 20.4 |
| 7 30 | 17 40.52 | −27 55.5 | 1.590 | 2.445 | 16.0 | 20.6 |

**334710** 2003 $FG_{132}$ 6 24.5 7°.23 2°.4/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.29 | −16 56.3 | 1.259 | 2.143 | 17.3 | 20.1 |
| 5 31 | 18 32.65 | −17 10.7 | 1.198 | 2.143 | 13.1 | 19.8 |
| 6 10 | 18 26.21 | −17 34.9 | 1.156 | 2.145 | 8.4 | 19.6 |
| 6 20 | 18 17.81 | −18 7.8 | 1.136 | 2.148 | 3.5 | 19.3 |
| 6 30 | 18 8.73 | −18 46.9 | 1.140 | 2.151 | 3.7 | 19.3 |
| 7 10 | 18 0.43 | −19 29.5 | 1.167 | 2.156 | 8.5 | 19.6 |
| 7 20 | 17 54.14 | −20 12.9 | 1.216 | 2.162 | 13.2 | 19.9 |
| 7 30 | 17 50.74 | −20 55.6 | 1.285 | 2.169 | 17.2 | 20.1 |

**38188** 1999 $KX_{11}$ 6 24.5 345°.84 2°.3/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 35.04 | −27 39.1 | 0.987 | 1.891 | 19.2 | 18.0 |
| 5 31 | 18 32.69 | −27 45.9 | 0.921 | 1.878 | 14.6 | 17.7 |
| 6 10 | 18 26.72 | −27 48.9 | 0.873 | 1.868 | 9.3 | 17.4 |
| 6 20 | 18 18.07 | −27 44.6 | 0.845 | 1.858 | 3.7 | 17.0 |
| 6 30 | 18 8.39 | −27 30.5 | 0.838 | 1.851 | 4.2 | 17.0 |
| 7 10 | 17 59.67 | −27 7.4 | 0.852 | 1.844 | 10.0 | 17.3 |
| 7 20 | 17 53.57 | −26 38.4 | 0.884 | 1.840 | 15.6 | 17.6 |
| 7 30 | 17 51.22 | −26 7.6 | 0.934 | 1.837 | 20.4 | 17.9 |

**472127** 2014 $BL_{30}$ 6 24.5 147°.65 1°.4/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.43 | −19 4.8 | 2.338 | 3.186 | 11.6 | 22.0 |
| 5 31 | 18 33.72 | −18 58.0 | 2.266 | 3.194 | 8.7 | 21.8 |
| 6 10 | 18 26.29 | −18 53.8 | 2.218 | 3.201 | 5.5 | 21.6 |
| 6 20 | 18 17.75 | −18 52.0 | 2.197 | 3.208 | 2.2 | 21.4 |
| 6 30 | 18 8.87 | −18 52.1 | 2.205 | 3.215 | 2.4 | 21.4 |
| 7 10 | 18 0.51 | −18 54.1 | 2.240 | 3.221 | 5.7 | 21.6 |
| 7 20 | 17 53.39 | −18 57.8 | 2.303 | 3.227 | 8.9 | 21.9 |
| 7 30 | 17 48.06 | −19 3.5 | 2.389 | 3.232 | 11.7 | 22.1 |

**465606** 2009 $DX_{22}$ 6 24.5 10°.31 5°.2/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.33 | −31 51.3 | 1.044 | 1.938 | 19.2 | 20.4 |
| 5 31 | 18 35.76 | −32 31.1 | 0.990 | 1.939 | 14.8 | 20.1 |
| 6 10 | 18 28.48 | −33 3.7 | 0.954 | 1.942 | 10.0 | 19.9 |
| 6 20 | 18 18.58 | −33 22.5 | 0.939 | 1.946 | 5.8 | 19.7 |
| 6 30 | 18 7.87 | −33 23.1 | 0.945 | 1.951 | 6.2 | 19.7 |
| 7 10 | 17 58.37 | −33 5.6 | 0.972 | 1.957 | 10.5 | 20.0 |
| 7 20 | 17 51.69 | −32 34.4 | 1.020 | 1.964 | 15.2 | 20.3 |
| 7 30 | 17 48.80 | −31 55.4 | 1.085 | 1.973 | 19.4 | 20.5 |

**310410** 1999 $TO_{80}$ 6 24.5 236°.35 0°.4/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.23 | −21 47.9 | 2.679 | 3.528 | 10.3 | 22.3 |
| 5 31 | 18 32.07 | −21 52.9 | 2.588 | 3.518 | 7.7 | 22.1 |
| 6 10 | 18 25.31 | −21 59.1 | 2.522 | 3.507 | 4.7 | 21.9 |
| 6 20 | 18 17.46 | −22 5.7 | 2.483 | 3.496 | 1.6 | 21.7 |
| 6 30 | 18 9.19 | −22 11.9 | 2.473 | 3.485 | 1.9 | 21.7 |
| 7 10 | 18 1.25 | −22 17.3 | 2.491 | 3.473 | 5.1 | 21.9 |
| 7 20 | 17 54.31 | −22 22.0 | 2.536 | 3.461 | 8.1 | 22.1 |
| 7 30 | 17 48.95 | −22 26.4 | 2.606 | 3.449 | 10.8 | 22.2 |

**509702** 2008 $SY_{22}$ 6 24.5 243°.16 6°.5/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.37 | − 6 6.3 | 2.054 | 2.880 | 13.8 | 22.0 |
| 5 31 | 18 33.25 | − 5 33.4 | 1.968 | 2.869 | 11.2 | 21.8 |
| 6 10 | 18 26.20 | − 5 12.3 | 1.904 | 2.856 | 8.6 | 21.6 |
| 6 20 | 18 17.78 | − 5 5.3 | 1.864 | 2.843 | 6.7 | 21.4 |
| 6 30 | 18 8.80 | − 5 13.6 | 1.850 | 2.830 | 6.8 | 21.4 |
| 7 10 | 18 0.20 | − 5 37.0 | 1.863 | 2.817 | 8.8 | 21.5 |
| 7 20 | 17 52.81 | − 6 13.6 | 1.900 | 2.803 | 11.6 | 21.6 |
| 7 30 | 17 47.33 | − 7 0.9 | 1.959 | 2.789 | 14.4 | 21.8 |

**499789** 2011 $CV_{54}$ 6 24.5 346°.73 5°.1/25.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.40 | −12 18.6 | 1.212 | 2.093 | 18.0 | 20.1 |
| 5 31 | 18 31.39 | −12 10.8 | 1.143 | 2.083 | 14.1 | 19.8 |
| 6 10 | 18 25.55 | −12 17.4 | 1.092 | 2.074 | 9.7 | 19.5 |
| 6 20 | 18 17.66 | −12 39.8 | 1.062 | 2.067 | 5.9 | 19.3 |
| 6 30 | 18 8.93 | −13 17.5 | 1.055 | 2.060 | 5.8 | 19.2 |
| 7 10 | 18 0.86 | −14 7.8 | 1.070 | 2.055 | 9.7 | 19.4 |
| 7 20 | 17 54.72 | −15 7.0 | 1.107 | 2.052 | 14.3 | 19.7 |
| 7 30 | 17 51.50 | −16 10.9 | 1.162 | 2.049 | 18.4 | 19.9 |

**411860** 2012 $DP_{86}$ 6 24.5 124°.07 10°.1/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.98 | + 3 27.8 | 2.013 | 2.794 | 15.6 | 21.4 |
| 5 31 | 18 35.61 | + 4 41.5 | 1.962 | 2.814 | 13.5 | 21.3 |
| 6 10 | 18 27.42 | + 5 36.7 | 1.933 | 2.833 | 11.5 | 21.2 |
| 6 20 | 18 18.09 | + 6 9.4 | 1.927 | 2.852 | 10.3 | 21.2 |
| 6 30 | 18 8.51 | + 6 17.4 | 1.945 | 2.869 | 10.3 | 21.2 |
| 7 10 | 17 59.59 | + 6 1.4 | 1.988 | 2.886 | 11.4 | 21.3 |
| 7 20 | 17 52.10 | + 5 24.4 | 2.053 | 2.902 | 13.1 | 21.4 |
| 7 30 | 17 46.59 | + 4 30.9 | 2.139 | 2.917 | 15.0 | 21.6 |

**395556** 2011 $UT_{198}$ 6 24.5 208°.53 2°.7/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.92 | −15 46.3 | 2.398 | 3.245 | 11.4 | 21.5 |
| 5 31 | 18 31.86 | −15 22.0 | 2.318 | 3.243 | 8.7 | 21.3 |
| 6 10 | 18 25.18 | −15 1.8 | 2.262 | 3.240 | 5.8 | 21.1 |
| 6 20 | 18 17.41 | −14 46.4 | 2.233 | 3.238 | 3.2 | 20.9 |
| 6 30 | 18 9.29 | −14 36.3 | 2.231 | 3.235 | 3.4 | 20.9 |
| 7 10 | 18 1.59 | −14 31.6 | 2.257 | 3.233 | 6.1 | 21.1 |
| 7 20 | 17 55.00 | −14 32.4 | 2.309 | 3.230 | 9.0 | 21.3 |
| 7 30 | 17 50.08 | −14 38.1 | 2.385 | 3.227 | 11.7 | 21.4 |

**473182** 2015 $KU_{67}$ 6 24.5 296°.33 3°.4/24.9 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.66 | −13 58.9 | 1.858 | 2.712 | 13.9 | 21.1 |
| 5 31 | 18 32.91 | −13 55.2 | 1.779 | 2.706 | 10.7 | 20.9 |
| 6 10 | 18 26.06 | −13 59.9 | 1.722 | 2.700 | 7.2 | 20.7 |
| 6 20 | 18 17.74 | −14 13.1 | 1.689 | 2.695 | 4.0 | 20.5 |
| 6 30 | 18 8.86 | −14 34.4 | 1.684 | 2.689 | 4.1 | 20.4 |
| 7 10 | 18 0.46 | −15 2.5 | 1.704 | 2.683 | 7.3 | 20.6 |
| 7 20 | 17 53.44 | −15 36.0 | 1.749 | 2.678 | 10.9 | 20.8 |
| 7 30 | 17 48.54 | −16 13.2 | 1.817 | 2.672 | 14.2 | 21.0 |

**368437** 2002 $VB_{125}$ 6 24.5 255°.44 2°.7/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 41.02 | −16 56.4 | 1.827 | 2.681 | 14.1 | 22.0 |
| 5 31 | 18 35.61 | −16 43.3 | 1.734 | 2.664 | 10.8 | 21.7 |
| 6 10 | 18 27.84 | −16 35.2 | 1.664 | 2.646 | 7.0 | 21.4 |
| 6 20 | 18 18.34 | −16 32.3 | 1.618 | 2.627 | 3.4 | 21.2 |
| 6 30 | 18 8.09 | −16 34.6 | 1.600 | 2.608 | 3.6 | 21.1 |
| 7 10 | 17 58.23 | −16 41.9 | 1.608 | 2.589 | 7.5 | 21.3 |
| 7 20 | 17 49.82 | −16 53.7 | 1.641 | 2.569 | 11.6 | 21.5 |
| 7 30 | 17 43.72 | −17 9.8 | 1.697 | 2.549 | 15.2 | 21.7 |

**78976** 2003 $TO_{14}$ 6 24.5 329°.59 8°.2/25.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.37 | − 3 24.3 | 1.749 | 2.580 | 15.6 | 19.3 |
| 5 31 | 18 31.96 | − 2 43.9 | 1.677 | 2.575 | 13.0 | 19.1 |
| 6 10 | 18 25.47 | − 2 19.4 | 1.625 | 2.571 | 10.3 | 19.0 |
| 6 20 | 18 17.55 | − 2 14.0 | 1.596 | 2.567 | 8.5 | 18.8 |
| 6 30 | 18 9.10 | − 2 29.4 | 1.591 | 2.563 | 8.4 | 18.8 |
| 7 10 | 18 1.16 | − 3 4.7 | 1.610 | 2.559 | 10.3 | 18.9 |
| 7 20 | 17 54.61 | − 3 56.8 | 1.652 | 2.556 | 13.0 | 19.1 |
| 7 30 | 17 50.18 | − 5 1.7 | 1.715 | 2.553 | 15.7 | 19.3 |

**305319** 2008 $AQ_{64}$ 6 24.5 87°.07 0°.3/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.84 | −24 57.9 | 2.237 | 3.090 | 11.9 | 21.0 |
| 5 31 | 18 34.04 | −24 50.1 | 2.176 | 3.108 | 8.8 | 20.8 |
| 6 10 | 18 26.46 | −24 41.0 | 2.140 | 3.125 | 5.4 | 20.7 |
| 6 20 | 18 17.79 | −24 29.5 | 2.129 | 3.143 | 1.7 | 20.4 |
| 6 30 | 18 8.89 | −24 15.5 | 2.148 | 3.160 | 2.1 | 20.5 |
| 7 10 | 18 0.63 | −23 59.4 | 2.194 | 3.177 | 5.6 | 20.8 |
| 7 20 | 17 53.77 | −23 42.4 | 2.266 | 3.194 | 8.8 | 21.0 |
| 7 30 | 17 48.84 | −23 25.8 | 2.362 | 3.210 | 11.6 | 21.2 |

**473360** 2015 $TK_{265}$ 6 24.5 335°.42 9°.4/23.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 33.26 | − 3 46.4 | 1.692 | 2.532 | 15.7 | 20.8 |
| 5 31 | 18 29.80 | − 2 21.9 | 1.611 | 2.513 | 13.2 | 20.6 |
| 6 10 | 18 24.24 | − 1 9.8 | 1.551 | 2.495 | 10.9 | 20.4 |
| 6 20 | 18 17.19 | − 0 15.6 | 1.513 | 2.477 | 9.5 | 20.3 |
| 6 30 | 18 9.52 | + 0 16.4 | 1.499 | 2.461 | 9.8 | 20.3 |
| 7 10 | 18 2.28 | + 0 24.5 | 1.507 | 2.445 | 11.7 | 20.3 |
| 7 20 | 17 56.38 | + 0 9.6 | 1.536 | 2.431 | 14.3 | 20.5 |
| 7 30 | 17 52.59 | − 0 25.0 | 1.585 | 2.417 | 17.1 | 20.6 |

**145139** 2005 $GV_{165}$ 6 24.5 68°.12 1°.1/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.03 | −25 12.9 | 1.384 | 2.258 | 16.6 | 20.7 |
| 5 31 | 18 37.44 | −25 27.5 | 1.329 | 2.271 | 12.4 | 20.4 |
| 6 10 | 18 28.99 | −25 41.5 | 1.295 | 2.284 | 7.6 | 20.2 |
| 6 20 | 18 18.66 | −25 51.9 | 1.284 | 2.297 | 2.6 | 19.9 |
| 6 30 | 18 7.85 | −25 56.6 | 1.299 | 2.311 | 3.1 | 20.0 |
| 7 10 | 17 58.05 | −25 55.4 | 1.338 | 2.325 | 8.0 | 20.3 |
| 7 20 | 17 50.46 | −25 49.8 | 1.401 | 2.338 | 12.4 | 20.6 |
| 7 30 | 17 45.86 | −25 42.2 | 1.484 | 2.352 | 16.2 | 20.9 |

**272611** 2005 $WT_{18}$ 6 24.5 74°.70 3°.3/23.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.17 | −27 28.6 | 1.655 | 2.517 | 14.9 | 20.1 |
| 5 31 | 18 38.15 | −28 49.6 | 1.598 | 2.532 | 11.3 | 19.9 |
| 6 10 | 18 29.43 | −30 10.5 | 1.564 | 2.548 | 7.2 | 19.7 |
| 6 20 | 18 18.83 | −31 25.1 | 1.555 | 2.563 | 3.8 | 19.6 |
| 6 30 | 18 7.59 | −32 27.7 | 1.574 | 2.578 | 4.4 | 19.6 |
| 7 10 | 17 57.10 | −33 15.5 | 1.618 | 2.594 | 8.0 | 19.9 |
| 7 20 | 17 48.56 | −33 48.7 | 1.688 | 2.609 | 11.7 | 20.1 |
| 7 30 | 17 42.82 | −34 9.7 | 1.779 | 2.624 | 14.9 | 20.4 |

**32301** 2000 $QN_{23}$ 6 24.5 242°.92 2°.6/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.98 | −30 39.7 | 2.487 | 3.334 | 11.1 | 19.4 |
| 5 31 | 18 34.38 | −31 4.3 | 2.397 | 3.322 | 8.4 | 19.2 |
| 6 10 | 18 26.86 | −31 25.5 | 2.330 | 3.310 | 5.5 | 19.0 |
| 6 20 | 18 17.99 | −31 40.6 | 2.291 | 3.297 | 3.0 | 18.8 |
| 6 30 | 18 8.58 | −31 47.6 | 2.280 | 3.284 | 3.3 | 18.8 |
| 7 10 | 17 59.56 | −31 46.0 | 2.297 | 3.271 | 6.0 | 19.0 |
| 7 20 | 17 51.76 | −31 36.9 | 2.340 | 3.258 | 9.0 | 19.1 |
| 7 30 | 17 45.87 | −31 22.1 | 2.406 | 3.244 | 11.8 | 19.3 |

**387552** 2001 $FS_{182}$ 6 24.5 196°.07 6°.0/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.88 | −40 53.2 | 2.396 | 3.218 | 12.2 | 21.8 |
| 5 31 | 18 39.05 | −41 38.5 | 2.318 | 3.215 | 9.9 | 21.6 |
| 6 10 | 18 29.82 | −42 13.9 | 2.263 | 3.212 | 7.7 | 21.5 |
| 6 20 | 18 18.93 | −42 34.7 | 2.234 | 3.208 | 6.2 | 21.4 |
| 6 30 | 18 7.45 | −42 37.8 | 2.232 | 3.204 | 6.3 | 21.4 |
| 7 10 | 17 56.57 | −42 23.0 | 2.256 | 3.200 | 8.1 | 21.5 |
| 7 20 | 17 47.34 | −41 52.8 | 2.306 | 3.194 | 10.4 | 21.6 |
| 7 30 | 17 40.55 | −41 11.5 | 2.379 | 3.189 | 12.8 | 21.8 |

**480784** 2016 $PK_{26}$ 6 24.5 297°.69 3°.9/24.3 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.65 | −32 17.8 | 1.822 | 2.680 | 14.0 | 21.5 |
| 5 31 | 18 36.21 | −32 50.0 | 1.747 | 2.677 | 10.7 | 21.3 |
| 6 10 | 18 28.22 | −33 16.6 | 1.694 | 2.673 | 7.2 | 21.1 |
| 6 20 | 18 18.45 | −33 33.6 | 1.667 | 2.670 | 4.3 | 20.9 |
| 6 30 | 18 8.04 | −33 38.1 | 1.665 | 2.667 | 4.6 | 20.9 |
| 7 10 | 17 58.30 | −33 29.8 | 1.689 | 2.664 | 7.8 | 21.1 |
| 7 20 | 17 50.34 | −33 10.7 | 1.738 | 2.662 | 11.3 | 21.3 |
| 7 30 | 17 44.99 | −32 44.4 | 1.809 | 2.659 | 14.5 | 21.5 |

**58969** 1998 $RO_6$ 6 24.5 222°.03 2°.0/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 41.69 | −18 54.6 | 1.890 | 2.744 | 13.7 | 19.5 |
| 5 31 | 18 35.93 | −18 38.2 | 1.806 | 2.736 | 10.4 | 19.2 |
| 6 10 | 18 27.93 | −18 24.8 | 1.744 | 2.728 | 6.6 | 19.0 |
| 6 20 | 18 18.35 | −18 14.2 | 1.709 | 2.719 | 2.8 | 18.7 |
| 6 30 | 18 8.18 | −18 6.6 | 1.700 | 2.710 | 3.1 | 18.7 |
| 7 10 | 17 58.53 | −18 1.9 | 1.719 | 2.700 | 7.1 | 19.0 |
| 7 20 | 17 50.37 | −18 0.7 | 1.763 | 2.690 | 11.0 | 19.2 |
| 7 30 | 17 44.47 | −18 3.2 | 1.829 | 2.679 | 14.4 | 19.4 |

**204565** 2005 $EF_{290}$ 6 24.5 9°.78 1°.2/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.40 | −19 52.6 | 1.935 | 2.795 | 13.2 | 20.4 |
| 5 31 | 18 33.38 | −19 54.4 | 1.861 | 2.795 | 9.9 | 20.2 |
| 6 10 | 18 26.30 | −19 59.6 | 1.809 | 2.795 | 6.2 | 20.0 |
| 6 20 | 18 17.82 | −20 7.2 | 1.783 | 2.796 | 2.3 | 19.7 |
| 6 30 | 18 8.86 | −20 16.5 | 1.784 | 2.796 | 2.6 | 19.8 |
| 7 10 | 18 0.44 | −20 26.8 | 1.812 | 2.796 | 6.5 | 20.0 |
| 7 20 | 17 53.45 | −20 37.9 | 1.865 | 2.797 | 10.2 | 20.2 |
| 7 30 | 17 48.58 | −20 49.8 | 1.940 | 2.797 | 13.4 | 20.5 |

**337205** 1999 $XJ_{196}$ 6 24.5 187°.68 3°.1/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.19 | −34 5.8 | 2.463 | 3.299 | 11.5 | 21.5 |
| 5 31 | 18 37.38 | −34 6.1 | 2.381 | 3.299 | 8.8 | 21.3 |
| 6 10 | 18 28.59 | −33 59.0 | 2.324 | 3.298 | 6.0 | 21.1 |
| 6 20 | 18 18.51 | −33 42.0 | 2.294 | 3.296 | 3.5 | 20.9 |
| 6 30 | 18 8.06 | −33 14.3 | 2.292 | 3.294 | 3.6 | 20.9 |
| 7 10 | 17 58.23 | −32 36.8 | 2.319 | 3.291 | 6.2 | 21.1 |
| 7 20 | 17 49.87 | −31 52.1 | 2.373 | 3.288 | 9.1 | 21.3 |
| 7 30 | 17 43.59 | −31 3.6 | 2.451 | 3.284 | 11.7 | 21.4 |

**427958** 2005 $XD_{67}$ 6 24.5 91°.71 0°.2/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.73 | −24 26.6 | 1.717 | 2.580 | 14.4 | 21.1 |
| 5 31 | 18 36.01 | −24 19.5 | 1.652 | 2.589 | 10.8 | 20.9 |
| 6 10 | 18 27.94 | −24 11.3 | 1.610 | 2.597 | 6.6 | 20.7 |
| 6 20 | 18 18.32 | −24 0.9 | 1.593 | 2.606 | 2.1 | 20.4 |
| 6 30 | 18 8.30 | −23 47.6 | 1.602 | 2.615 | 2.5 | 20.5 |
| 7 10 | 17 59.06 | −23 32.0 | 1.638 | 2.623 | 6.9 | 20.8 |
| 7 20 | 17 51.60 | −23 15.5 | 1.698 | 2.631 | 10.9 | 21.0 |
| 7 30 | 17 46.62 | −23 0.1 | 1.781 | 2.640 | 14.3 | 21.3 |

**397690** 2008 $CE_{76}$ 6 24.5 127°.94 0°.4/24.6 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.02 | −21 23.3 | 2.426 | 3.277 | 11.1 | 22.1 |
| 5 31 | 18 32.68 | −21 31.8 | 2.355 | 3.285 | 8.3 | 21.9 |
| 6 10 | 18 25.68 | −21 42.1 | 2.307 | 3.292 | 5.1 | 21.7 |
| 6 20 | 18 17.59 | −21 53.0 | 2.286 | 3.300 | 1.7 | 21.5 |
| 6 30 | 18 9.16 | −22 3.6 | 2.294 | 3.307 | 2.0 | 21.5 |
| 7 10 | 18 1.21 | −22 13.4 | 2.330 | 3.313 | 5.3 | 21.8 |
| 7 20 | 17 54.43 | −22 22.3 | 2.393 | 3.320 | 8.5 | 22.0 |
| 7 30 | 17 49.38 | −22 30.7 | 2.479 | 3.326 | 11.2 | 22.2 |

**29003** 2760 $P$–$L$ 6 24.5 217°.71 0°.2/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.36 | −22 38.1 | 2.198 | 3.054 | 12.0 | 19.0 |
| 5 31 | 18 33.17 | −22 43.8 | 2.119 | 3.052 | 8.9 | 18.8 |
| 6 10 | 18 26.10 | −22 50.5 | 2.064 | 3.050 | 5.5 | 18.5 |
| 6 20 | 18 17.75 | −22 57.1 | 2.035 | 3.048 | 1.7 | 18.3 |
| 6 30 | 18 8.95 | −23 2.4 | 2.034 | 3.046 | 2.1 | 18.3 |
| 7 10 | 18 0.63 | −23 6.3 | 2.060 | 3.044 | 5.9 | 18.6 |
| 7 20 | 17 53.59 | −23 8.8 | 2.113 | 3.042 | 9.3 | 18.8 |
| 7 30 | 17 48.49 | −23 10.7 | 2.188 | 3.040 | 12.3 | 19.0 |

**3680** Sasha 6 24.5 146°.39 3°.9/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.88 | −30 27.4 | 1.468 | 2.333 | 16.3 | 16.5 |
| 5 31 | 18 39.81 | −31 8.3 | 1.403 | 2.338 | 12.5 | 16.2 |
| 6 10 | 18 30.62 | −31 44.9 | 1.359 | 2.342 | 8.2 | 16.0 |
| 6 20 | 18 19.25 | −32 11.6 | 1.338 | 2.345 | 4.4 | 15.8 |
| 6 30 | 18 7.14 | −32 24.5 | 1.343 | 2.349 | 4.9 | 15.8 |
| 7 10 | 17 55.95 | −32 22.8 | 1.374 | 2.352 | 8.8 | 16.0 |
| 7 20 | 17 47.04 | −32 9.1 | 1.427 | 2.355 | 13.0 | 16.3 |
| 7 30 | 17 41.34 | −31 47.8 | 1.501 | 2.357 | 16.7 | 16.5 |

**442172** 2010 $WB_{50}$ 6 24.5 244°.84 5°.4/23.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 49.28 | −19 50.2 | 1.169 | 2.040 | 19.2 | 20.3 |
| 5 31 | 18 42.67 | −17 49.7 | 1.093 | 2.031 | 14.8 | 20.0 |
| 6 10 | 18 32.53 | −15 42.1 | 1.037 | 2.021 | 9.9 | 19.6 |
| 6 20 | 18 19.88 | −13 33.1 | 1.005 | 2.011 | 5.8 | 19.4 |
| 6 30 | 18 6.38 | −11 31.3 | 0.998 | 2.000 | 6.9 | 19.4 |
| 7 10 | 17 53.92 | − 9 45.8 | 1.016 | 1.989 | 11.8 | 19.6 |
| 7 20 | 17 44.03 | − 8 23.0 | 1.055 | 1.978 | 17.0 | 19.9 |
| 7 30 | 17 37.72 | − 7 24.8 | 1.113 | 1.966 | 21.4 | 20.1 |

**186588** 2003 $AE_{85}$ 6 24.5 169°.51 6°.3/25.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.88 | − 6 12.4 | 1.738 | 2.572 | 15.6 | 20.2 |
| 5 31 | 18 34.60 | − 6 11.1 | 1.666 | 2.574 | 12.5 | 20.0 |
| 6 10 | 18 27.12 | − 6 25.8 | 1.615 | 2.575 | 9.3 | 19.8 |
| 6 20 | 18 18.10 | − 6 57.5 | 1.588 | 2.576 | 6.8 | 19.7 |
| 6 30 | 18 8.53 | − 7 45.7 | 1.586 | 2.576 | 6.6 | 19.7 |
| 7 10 | 17 59.50 | − 8 47.8 | 1.611 | 2.577 | 8.9 | 19.8 |
| 7 20 | 17 51.97 | − 9 59.7 | 1.659 | 2.577 | 12.1 | 20.0 |
| 7 30 | 17 46.68 | −11 17.5 | 1.730 | 2.577 | 15.2 | 20.2 |

**32943** Sandyryan 6 24.5 275°.61 2°.0/24.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.07 | −27 12.8 | 2.217 | 3.073 | 11.9 | 19.0 |
| 5 31 | 18 33.91 | −27 54.9 | 2.132 | 3.063 | 9.0 | 18.8 |
| 6 10 | 18 26.68 | −28 36.9 | 2.070 | 3.054 | 5.7 | 18.6 |
| 6 20 | 18 17.98 | −29 15.6 | 2.035 | 3.045 | 2.6 | 18.3 |
| 6 30 | 18 8.65 | −29 48.2 | 2.027 | 3.035 | 3.0 | 18.4 |
| 7 10 | 17 59.71 | −30 13.0 | 2.047 | 3.026 | 6.3 | 18.5 |
| 7 20 | 17 52.05 | −30 30.1 | 2.093 | 3.017 | 9.7 | 18.7 |
| 7 30 | 17 46.42 | −30 40.6 | 2.162 | 3.007 | 12.7 | 18.9 |

**91750** 1999 $TR_{187}$ 6 24.5 150°.63 3°.9/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.26 | −34 55.7 | 2.063 | 2.908 | 13.1 | 18.8 |
| 5 31 | 18 37.77 | −35 5.5 | 1.992 | 2.912 | 10.1 | 18.6 |
| 6 10 | 18 28.97 | −35 6.6 | 1.943 | 2.916 | 7.0 | 18.4 |
| 6 20 | 18 18.65 | −34 56.1 | 1.920 | 2.920 | 4.4 | 18.2 |
| 6 30 | 18 7.93 | −34 32.4 | 1.924 | 2.924 | 4.5 | 18.2 |
| 7 10 | 17 57.99 | −33 56.6 | 1.956 | 2.928 | 7.2 | 18.4 |
| 7 20 | 17 49.79 | −33 11.9 | 2.013 | 2.931 | 10.3 | 18.6 |
| 7 30 | 17 44.04 | −32 22.4 | 2.093 | 2.934 | 13.2 | 18.8 |

**110119** 2001 $SP_{138}$ 6 24.5 111°.13 1°.0/24.6 18 R

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.74 | −20 45.6 | 1.897 | 2.751 | 13.7 | 19.7 |
| 5 31 | 18 36.44 | −20 39.4 | 1.838 | 2.769 | 10.2 | 19.5 |
| 6 10 | 18 28.05 | −20 35.2 | 1.802 | 2.787 | 6.3 | 19.3 |
| 6 20 | 18 18.35 | −20 32.2 | 1.792 | 2.804 | 2.2 | 19.1 |
| 6 30 | 18 8.34 | −20 29.8 | 1.809 | 2.821 | 2.5 | 19.1 |
| 7 10 | 17 59.09 | −20 28.0 | 1.854 | 2.837 | 6.5 | 19.4 |
| 7 20 | 17 51.47 | −20 27.3 | 1.925 | 2.853 | 10.1 | 19.7 |
| 7 30 | 17 46.10 | −20 28.2 | 2.018 | 2.868 | 13.3 | 19.9 |

**256866** 2008 $DM_1$ 6 24.5 245°.01 0°.6/24.5 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.94 | −24 41.4 | 1.692 | 2.554 | 14.6 | 21.9 |
| 5 31 | 18 37.28 | −24 46.4 | 1.607 | 2.543 | 11.1 | 21.6 |
| 6 10 | 18 28.98 | −24 51.0 | 1.544 | 2.531 | 6.9 | 21.4 |
| 6 20 | 18 18.75 | −24 52.9 | 1.506 | 2.519 | 2.3 | 21.1 |
| 6 30 | 18 7.76 | −24 50.7 | 1.494 | 2.507 | 2.7 | 21.1 |
| 7 10 | 17 57.33 | −24 44.0 | 1.509 | 2.494 | 7.5 | 21.3 |
| 7 20 | 17 48.65 | −24 34.1 | 1.548 | 2.481 | 11.8 | 21.5 |
| 7 30 | 17 42.62 | −24 23.0 | 1.609 | 2.467 | 15.7 | 21.8 |

**355568** 2008 $CW_{61}$ 6 24.5 110°.12 2°.2/24.4 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.82 | −29 37.1 | 2.340 | 3.190 | 11.5 | 21.8 |
| 5 31 | 18 34.17 | −29 54.2 | 2.271 | 3.199 | 8.7 | 21.6 |
| 6 10 | 18 26.66 | −30 7.7 | 2.226 | 3.208 | 5.6 | 21.4 |
| 6 20 | 18 17.93 | −30 15.2 | 2.208 | 3.216 | 2.7 | 21.2 |
| 6 30 | 18 8.85 | −30 15.6 | 2.218 | 3.225 | 3.0 | 21.3 |
| 7 10 | 18 0.34 | −30 8.7 | 2.255 | 3.233 | 5.9 | 21.5 |
| 7 20 | 17 53.19 | −29 55.8 | 2.319 | 3.241 | 8.9 | 21.7 |
| 7 30 | 17 48.00 | −29 39.0 | 2.406 | 3.249 | 11.6 | 21.9 |

**91807** 1999 $TU_{245}$ 6 24.5 280°.70 0°.5/24.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.83 | −22 53.2 | 2.303 | 3.158 | 11.5 | 19.3 |
| 5 31 | 18 32.87 | −23 26.0 | 2.213 | 3.146 | 8.6 | 19.1 |
| 6 10 | 18 26.00 | −24 1.3 | 2.147 | 3.133 | 5.3 | 18.9 |
| 6 20 | 18 17.78 | −24 36.9 | 2.108 | 3.121 | 1.7 | 18.6 |
| 6 30 | 18 8.97 | −25 10.8 | 2.097 | 3.109 | 2.2 | 18.6 |
| 7 10 | 18 0.48 | −25 41.2 | 2.114 | 3.097 | 5.8 | 18.8 |
| 7 20 | 17 53.16 | −26 7.5 | 2.157 | 3.085 | 9.2 | 19.0 |
| 7 30 | 17 47.69 | −26 30.0 | 2.224 | 3.073 | 12.2 | 19.2 |

**51739** 2001 $KQ_{49}$ 6 24.5 43°.16 0°.8/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.02 | −23 28.4 | 1.306 | 2.186 | 17.0 | 18.5 |
| 5 31 | 18 36.14 | −23 54.8 | 1.251 | 2.196 | 12.7 | 18.2 |
| 6 10 | 18 28.32 | −24 23.5 | 1.217 | 2.207 | 7.8 | 18.0 |
| 6 20 | 18 18.52 | −24 51.0 | 1.205 | 2.219 | 2.5 | 17.7 |
| 6 30 | 18 8.16 | −25 14.3 | 1.218 | 2.231 | 3.1 | 17.8 |
| 7 10 | 17 58.77 | −25 31.9 | 1.255 | 2.243 | 8.2 | 18.1 |
| 7 20 | 17 51.59 | −25 44.2 | 1.315 | 2.256 | 12.8 | 18.4 |
| 7 30 | 17 47.44 | −25 52.7 | 1.395 | 2.269 | 16.7 | 18.7 |

**140030** 2001 $SA_{64}$ 6 24.5 260°.96 4°.5/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.76 | −10 50.0 | 2.213 | 3.053 | 12.5 | 20.1 |
| 5 31 | 18 31.94 | −10 24.8 | 2.128 | 3.043 | 9.8 | 19.9 |
| 6 10 | 18 25.36 | −10 7.5 | 2.065 | 3.033 | 7.0 | 19.7 |
| 6 20 | 18 17.56 | − 9 59.6 | 2.028 | 3.022 | 4.8 | 19.5 |
| 6 30 | 18 9.28 | −10 1.8 | 2.017 | 3.012 | 4.9 | 19.5 |
| 7 10 | 18 1.38 | −10 13.8 | 2.034 | 3.002 | 7.2 | 19.7 |
| 7 20 | 17 54.61 | −10 34.6 | 2.076 | 2.991 | 10.2 | 19.8 |
| 7 30 | 17 49.61 | −11 2.9 | 2.140 | 2.980 | 13.0 | 20.0 |

**32824** 1992 $CJ_3$ 6 24.5 203°.26 2°.7/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.09 | −16 51.1 | 1.731 | 2.585 | 14.8 | 19.3 |
| 5 31 | 18 37.14 | −16 40.5 | 1.652 | 2.581 | 11.3 | 19.0 |
| 6 10 | 18 28.76 | −16 35.5 | 1.595 | 2.576 | 7.3 | 18.8 |
| 6 20 | 18 18.67 | −16 36.1 | 1.562 | 2.571 | 3.5 | 18.6 |
| 6 30 | 18 7.94 | −16 41.9 | 1.557 | 2.566 | 3.7 | 18.6 |
| 7 10 | 17 57.78 | −16 52.3 | 1.579 | 2.559 | 7.6 | 18.8 |
| 7 20 | 17 49.26 | −17 7.0 | 1.625 | 2.552 | 11.7 | 19.0 |
| 7 30 | 17 43.19 | −17 25.4 | 1.693 | 2.545 | 15.3 | 19.2 |

**67724** 2000 $UP_{16}$ 6 24.5 296°.27 4°.7/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 42.91 | −32 2.4 | 1.351 | 2.224 | 17.0 | 18.5 |
| 5 31 | 18 38.26 | −32 35.1 | 1.264 | 2.202 | 13.2 | 18.2 |
| 6 10 | 18 30.12 | −33 2.3 | 1.198 | 2.181 | 9.0 | 17.9 |
| 6 20 | 18 19.25 | −33 18.0 | 1.154 | 2.159 | 5.2 | 17.6 |
| 6 30 | 18 7.12 | −33 17.4 | 1.133 | 2.138 | 5.7 | 17.6 |
| 7 10 | 17 55.60 | −32 59.4 | 1.136 | 2.117 | 9.9 | 17.8 |
| 7 20 | 17 46.37 | −32 26.9 | 1.162 | 2.096 | 14.7 | 18.0 |
| 7 30 | 17 40.68 | −31 45.8 | 1.206 | 2.075 | 19.1 | 18.2 |

**436587** 2011 $JW_8$ 6 24.5 178°.08 2°.2/24.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.61 | −15 4.0 | 2.135 | 2.978 | 12.7 | 21.2 |
| 5 31 | 18 34.87 | −15 25.1 | 2.056 | 2.980 | 9.7 | 21.0 |
| 6 10 | 18 27.18 | −15 53.8 | 2.002 | 2.981 | 6.3 | 20.8 |
| 6 20 | 18 18.14 | −16 29.0 | 1.973 | 2.981 | 3.0 | 20.6 |
| 6 30 | 18 8.60 | −17 9.1 | 1.973 | 2.982 | 3.0 | 20.6 |
| 7 10 | 17 59.51 | −17 52.0 | 2.001 | 2.981 | 6.3 | 20.8 |
| 7 20 | 17 51.70 | −18 36.1 | 2.056 | 2.981 | 9.8 | 21.0 |
| 7 30 | 17 45.85 | −19 20.2 | 2.134 | 2.979 | 12.8 | 21.2 |

**245432** 2005 $JN_{117}$ 6 24.5 307°.24 5°.4/24.6 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.46 | −10 18.6 | 1.900 | 2.747 | 13.9 | 20.6 |
| 5 31 | 18 31.97 | − 9 39.4 | 1.819 | 2.738 | 11.1 | 20.4 |
| 6 10 | 18 25.49 | − 9 9.3 | 1.760 | 2.728 | 8.1 | 20.2 |
| 6 20 | 18 17.63 | − 8 50.3 | 1.725 | 2.718 | 5.8 | 20.0 |
| 6 30 | 18 9.23 | − 8 43.8 | 1.716 | 2.709 | 5.9 | 20.0 |
| 7 10 | 18 1.29 | − 8 50.2 | 1.733 | 2.700 | 8.4 | 20.1 |
| 7 20 | 17 54.65 | − 9 8.4 | 1.774 | 2.691 | 11.5 | 20.3 |
| 7 30 | 17 50.02 | − 9 36.4 | 1.836 | 2.682 | 14.5 | 20.5 |

**342038** 2008 $RG_{115}$ 6 24.5 287°.50 3°.2/24.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.47 | −29 33.2 | 1.782 | 2.643 | 14.1 | 20.2 |
| 5 31 | 18 36.39 | −30 13.3 | 1.688 | 2.621 | 10.8 | 19.9 |
| 6 10 | 18 28.59 | −30 51.8 | 1.616 | 2.599 | 7.1 | 19.6 |
| 6 20 | 18 18.71 | −31 24.3 | 1.568 | 2.576 | 3.8 | 19.4 |
| 6 30 | 18 7.84 | −31 46.9 | 1.548 | 2.553 | 4.2 | 19.4 |
| 7 10 | 17 57.36 | −31 57.7 | 1.553 | 2.531 | 8.0 | 19.5 |
| 7 20 | 17 48.51 | −31 57.5 | 1.582 | 2.508 | 12.1 | 19.7 |
| 7 30 | 17 42.33 | −31 48.9 | 1.632 | 2.485 | 15.7 | 19.9 |

**470819** 2008 $WN_{23}$ 6 24.5 259°.11 1°.2/24.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.27 | −25 44.4 | 2.063 | 2.918 | 12.7 | 22.1 |
| 5 31 | 18 35.72 | −26 2.1 | 1.968 | 2.900 | 9.6 | 21.9 |
| 6 10 | 18 27.91 | −26 19.4 | 1.896 | 2.881 | 6.0 | 21.7 |
| 6 20 | 18 18.43 | −26 33.9 | 1.850 | 2.862 | 2.2 | 21.4 |
| 6 30 | 18 8.23 | −26 43.7 | 1.831 | 2.842 | 2.6 | 21.4 |
| 7 10 | 17 58.39 | −26 47.9 | 1.840 | 2.822 | 6.6 | 21.6 |
| 7 20 | 17 49.93 | −26 47.1 | 1.875 | 2.802 | 10.4 | 21.8 |
| 7 30 | 17 43.69 | −26 42.9 | 1.932 | 2.781 | 13.8 | 21.9 |

**519541** 2012 $OW$ 6 24.5 16°.33 9°.8/23.8 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.63 | − 5 43.1 | 1.387 | 2.238 | 17.9 | 20.5 |
| 5 31 | 18 33.23 | − 4 2.2 | 1.329 | 2.241 | 14.8 | 20.3 |
| 6 10 | 18 26.38 | − 2 35.8 | 1.292 | 2.244 | 11.8 | 20.1 |
| 6 20 | 18 17.91 | − 1 30.1 | 1.276 | 2.249 | 10.0 | 20.0 |
| 6 30 | 18 8.96 | − 0 49.8 | 1.284 | 2.253 | 10.3 | 20.1 |
| 7 10 | 18 0.78 | − 0 36.5 | 1.313 | 2.259 | 12.4 | 20.2 |
| 7 20 | 17 54.40 | − 0 47.9 | 1.364 | 2.265 | 15.3 | 20.4 |
| 7 30 | 17 50.56 | − 1 19.9 | 1.432 | 2.272 | 18.2 | 20.6 |

**154491** 2003 $FM_2$ 6 24.5 94°.80 1°.2/24.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.93 | −24 49.4 | 1.749 | 2.610 | 14.3 | 20.8 |
| 5 31 | 18 36.93 | −25 20.8 | 1.691 | 2.626 | 10.7 | 20.6 |
| 6 10 | 18 28.54 | −25 52.5 | 1.655 | 2.641 | 6.6 | 20.4 |
| 6 20 | 18 18.58 | −26 21.3 | 1.644 | 2.657 | 2.3 | 20.2 |
| 6 30 | 18 8.19 | −26 44.5 | 1.661 | 2.672 | 2.8 | 20.2 |
| 7 10 | 17 58.58 | −27 1.2 | 1.704 | 2.687 | 6.9 | 20.5 |
| 7 20 | 17 50.76 | −27 11.7 | 1.772 | 2.702 | 10.8 | 20.8 |
| 7 30 | 17 45.44 | −27 17.8 | 1.863 | 2.717 | 14.0 | 21.0 |

**438203** 2005 $UZ_{131}$ 6 24.5 298°.63 8°.7/23.9 15

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.77 | − 1 5.6 | 2.129 | 2.939 | 13.9 | 21.6 |
| 5 31 | 18 31.40 | − 0 3.4 | 2.031 | 2.911 | 11.9 | 21.4 |
| 6 10 | 18 25.16 | + 0 46.3 | 1.955 | 2.882 | 10.0 | 21.2 |
| 6 20 | 18 17.56 | + 1 19.5 | 1.902 | 2.854 | 8.8 | 21.1 |
| 6 30 | 18 9.32 | + 1 32.9 | 1.874 | 2.825 | 8.9 | 21.0 |
| 7 10 | 18 1.31 | + 1 25.6 | 1.870 | 2.796 | 10.5 | 21.1 |
| 7 20 | 17 54.36 | + 0 58.5 | 1.889 | 2.767 | 12.8 | 21.1 |
| 7 30 | 17 49.18 | + 0 14.3 | 1.929 | 2.739 | 15.3 | 21.3 |

**315303** 2007 $TM_{187}$ 6 24.5 183°.60 1°.4/24.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.86 | −19 9.4 | 1.652 | 2.512 | 15.1 | 21.0 |
| 5 31 | 18 37.08 | −19 19.2 | 1.579 | 2.512 | 11.4 | 20.8 |
| 6 10 | 18 28.78 | −19 34.2 | 1.527 | 2.513 | 7.1 | 20.5 |
| 6 20 | 18 18.70 | −19 52.9 | 1.500 | 2.512 | 2.6 | 20.3 |
| 6 30 | 18 7.99 | −20 13.5 | 1.500 | 2.511 | 2.9 | 20.3 |
| 7 10 | 17 57.91 | −20 34.7 | 1.526 | 2.510 | 7.4 | 20.6 |
| 7 20 | 17 49.58 | −20 56.0 | 1.576 | 2.509 | 11.7 | 20.8 |
| 7 30 | 17 43.82 | −21 17.1 | 1.649 | 2.506 | 15.4 | 21.0 |

**255368** 2005 $WA_{108}$ 6 24.5 232.°19 1.°6/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 36.87 | −18 31.9 | 2.546 | 3.394 | 10.8 | 21.3 |
| 5 31 | 18 31.84 | −18 21.1 | 2.460 | 3.388 | 8.1 | 21.1 |
| 6 10 | 18 25.21 | −18 13.1 | 2.398 | 3.381 | 5.2 | 20.9 |
| 6 20 | 18 17.52 | −18 7.5 | 2.364 | 3.374 | 2.2 | 20.7 |
| 6 30 | 18 9.43 | −18 4.6 | 2.357 | 3.367 | 2.4 | 20.7 |
| 7 10 | 18 1.71 | −18 4.0 | 2.379 | 3.359 | 5.5 | 20.9 |
| 7 20 | 17 55.04 | −18 6.0 | 2.427 | 3.352 | 8.5 | 21.0 |
| 7 30 | 17 49.98 | −18 10.5 | 2.499 | 3.344 | 11.2 | 21.2 |

**132103** 2002 $CV_{211}$ 6 24.5 183.°94 3.°8/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.97 | −30 33.3 | 1.641 | 2.499 | 15.2 | 20.3 |
| 5 31 | 18 39.73 | −31 19.8 | 1.569 | 2.500 | 11.7 | 20.1 |
| 6 10 | 18 30.56 | −32 2.7 | 1.519 | 2.500 | 7.7 | 19.8 |
| 6 20 | 18 19.31 | −32 36.7 | 1.494 | 2.500 | 4.3 | 19.6 |
| 6 30 | 18 7.27 | −32 57.5 | 1.495 | 2.499 | 4.7 | 19.7 |
| 7 10 | 17 55.97 | −33 3.9 | 1.522 | 2.497 | 8.4 | 19.9 |
| 7 20 | 17 46.71 | −32 57.8 | 1.573 | 2.495 | 12.3 | 20.1 |
| 7 30 | 17 40.43 | −32 43.0 | 1.645 | 2.493 | 15.8 | 20.3 |

**279633** 2011 $EL_{68}$ 6 24.5 219.°19 2.°2/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.00 | −17 35.4 | 1.794 | 2.652 | 14.1 | 21.2 |
| 5 31 | 18 34.76 | −17 29.6 | 1.717 | 2.650 | 10.7 | 21.0 |
| 6 10 | 18 27.27 | −17 29.0 | 1.663 | 2.647 | 6.9 | 20.7 |
| 6 20 | 18 18.22 | −17 33.4 | 1.634 | 2.644 | 3.1 | 20.5 |
| 6 30 | 18 8.61 | −17 42.1 | 1.631 | 2.641 | 3.3 | 20.5 |
| 7 10 | 17 59.56 | −17 54.5 | 1.655 | 2.637 | 7.1 | 20.7 |
| 7 20 | 17 52.04 | −18 10.0 | 1.703 | 2.634 | 11.1 | 20.9 |
| 7 30 | 17 46.80 | −18 28.3 | 1.774 | 2.631 | 14.5 | 21.2 |

**523103** 2016 $RZ_{48}$ 6 24.5 250.°55 4.°6/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.11 | −35 50.1 | 2.166 | 3.010 | 12.6 | 21.7 |
| 5 31 | 18 36.35 | −36 23.9 | 2.085 | 3.003 | 9.9 | 21.5 |
| 6 10 | 18 28.26 | −36 50.5 | 2.026 | 2.995 | 7.1 | 21.3 |
| 6 20 | 18 18.54 | −37 5.8 | 1.993 | 2.987 | 4.9 | 21.2 |
| 6 30 | 18 8.22 | −37 7.1 | 1.987 | 2.980 | 5.1 | 21.2 |
| 7 10 | 17 58.45 | −36 54.1 | 2.007 | 2.972 | 7.5 | 21.3 |
| 7 20 | 17 50.26 | −36 28.9 | 2.053 | 2.964 | 10.5 | 21.5 |
| 7 30 | 17 44.42 | −35 55.1 | 2.121 | 2.956 | 13.2 | 21.7 |

**469532** 2003 $SD_{276}$ 6 24.5 314.°05 1.°6/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.75 | −26 53.1 | 1.550 | 2.424 | 15.1 | 21.1 |
| 5 31 | 18 34.53 | −27 0.8 | 1.459 | 2.401 | 11.5 | 20.8 |
| 6 10 | 18 27.52 | −27 6.5 | 1.390 | 2.378 | 7.3 | 20.5 |
| 6 20 | 18 18.40 | −27 7.5 | 1.343 | 2.356 | 2.8 | 20.2 |
| 6 30 | 18 8.34 | −27 1.8 | 1.322 | 2.334 | 3.2 | 20.2 |
| 7 10 | 17 58.76 | −26 49.1 | 1.326 | 2.313 | 8.0 | 20.4 |
| 7 20 | 17 50.97 | −26 31.0 | 1.353 | 2.292 | 12.7 | 20.6 |
| 7 30 | 17 45.99 | −26 10.2 | 1.400 | 2.272 | 16.8 | 20.8 |

**446617** 2015 $MM_{78}$ 6 24.5 237.°37 5.°4/25.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.34 | − 1 38.1 | 3.199 | 3.988 | 10.2 | 22.1 |
| 5 31 | 18 31.17 | − 1 32.9 | 3.100 | 3.971 | 8.5 | 21.9 |
| 6 10 | 18 24.71 | − 1 38.6 | 3.024 | 3.953 | 6.8 | 21.8 |
| 6 20 | 18 17.37 | − 1 56.3 | 2.975 | 3.935 | 5.6 | 21.7 |
| 6 30 | 18 9.66 | − 2 26.4 | 2.954 | 3.916 | 5.5 | 21.7 |
| 7 10 | 18 2.14 | − 3 7.9 | 2.961 | 3.897 | 6.7 | 21.7 |
| 7 20 | 17 55.35 | − 3 59.4 | 2.995 | 3.878 | 8.5 | 21.8 |
| 7 30 | 17 49.76 | − 4 58.5 | 3.053 | 3.857 | 10.4 | 21.9 |

**185242** 2006 $UQ_{31}$ 6 24.5 42.°56 0.°8/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.08 | −21 19.4 | 2.034 | 2.894 | 12.7 | 20.7 |
| 5 31 | 18 33.06 | −21 15.1 | 1.962 | 2.896 | 9.5 | 20.5 |
| 6 10 | 18 26.09 | −21 12.5 | 1.913 | 2.899 | 5.8 | 20.3 |
| 6 20 | 18 17.83 | −21 10.9 | 1.889 | 2.902 | 2.0 | 20.0 |
| 6 30 | 18 9.15 | −21 9.6 | 1.893 | 2.905 | 2.3 | 20.1 |
| 7 10 | 18 1.02 | −21 8.7 | 1.923 | 2.908 | 6.1 | 20.3 |
| 7 20 | 17 54.27 | −21 8.5 | 1.980 | 2.911 | 9.7 | 20.5 |
| 7 30 | 17 49.54 | −21 9.3 | 2.058 | 2.914 | 12.8 | 20.7 |

**19097** 1981 $EY_2$ 6 24.5 305.°02 3.°8/24.5 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.47 | −14 8.0 | 2.093 | 2.944 | 12.7 | 18.5 |
| 5 31 | 18 31.83 | −13 31.0 | 2.010 | 2.934 | 9.8 | 18.3 |
| 6 10 | 18 25.35 | −12 59.3 | 1.949 | 2.925 | 6.7 | 18.1 |
| 6 20 | 18 17.60 | −12 34.3 | 1.914 | 2.915 | 4.2 | 17.9 |
| 6 30 | 18 9.39 | −12 17.3 | 1.906 | 2.906 | 4.4 | 17.9 |
| 7 10 | 18 1.62 | −12 8.7 | 1.924 | 2.897 | 7.1 | 18.1 |
| 7 20 | 17 55.06 | −12 8.6 | 1.967 | 2.888 | 10.3 | 18.2 |
| 7 30 | 17 50.36 | −12 16.2 | 2.033 | 2.880 | 13.3 | 18.4 |

**234107** 1999 $VP_{42}$ 6 24.5 232.°04 1.°1/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.03 | −26 12.9 | 2.103 | 2.958 | 12.5 | 21.3 |
| 5 31 | 18 35.40 | −26 23.0 | 2.018 | 2.950 | 9.4 | 21.1 |
| 6 10 | 18 27.62 | −26 31.7 | 1.956 | 2.941 | 5.9 | 20.9 |
| 6 20 | 18 18.35 | −26 37.0 | 1.920 | 2.932 | 2.1 | 20.6 |
| 6 30 | 18 8.50 | −26 37.3 | 1.911 | 2.923 | 2.5 | 20.6 |
| 7 10 | 17 59.14 | −26 32.4 | 1.931 | 2.913 | 6.3 | 20.8 |
| 7 20 | 17 51.20 | −26 23.3 | 1.976 | 2.903 | 9.9 | 21.0 |
| 7 30 | 17 45.40 | −26 11.8 | 2.044 | 2.893 | 13.1 | 21.2 |

**18419** 1993 $TS_{20}$ 6 24.5 4.°44 1.°8/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.53 | −19 29.8 | 1.140 | 2.029 | 18.3 | 17.6 |
| 5 31 | 18 34.67 | −19 27.9 | 1.079 | 2.028 | 13.9 | 17.3 |
| 6 10 | 18 27.65 | −19 32.2 | 1.037 | 2.028 | 8.7 | 17.0 |
| 6 20 | 18 18.42 | −19 41.8 | 1.016 | 2.029 | 3.3 | 16.7 |
| 6 30 | 18 8.43 | −19 55.3 | 1.018 | 2.031 | 3.6 | 16.7 |
| 7 10 | 17 59.35 | −20 11.5 | 1.043 | 2.033 | 9.1 | 17.0 |
| 7 20 | 17 52.54 | −20 29.5 | 1.089 | 2.036 | 14.2 | 17.3 |
| 7 30 | 17 48.97 | −20 49.1 | 1.153 | 2.040 | 18.5 | 17.6 |

**418234** 2008 $DW_9$ 6 24.5 224.°63 1.°3/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.57 | −26 36.0 | 1.892 | 2.746 | 13.7 | 22.3 |
| 5 31 | 18 38.30 | −26 44.0 | 1.804 | 2.736 | 10.4 | 22.0 |
| 6 10 | 18 29.54 | −26 49.8 | 1.740 | 2.725 | 6.5 | 21.8 |
| 6 20 | 18 18.99 | −26 51.0 | 1.701 | 2.713 | 2.4 | 21.5 |
| 6 30 | 18 7.73 | −26 46.0 | 1.689 | 2.700 | 2.8 | 21.5 |
| 7 10 | 17 57.01 | −26 34.5 | 1.705 | 2.687 | 7.0 | 21.7 |
| 7 20 | 17 47.94 | −26 18.2 | 1.746 | 2.673 | 11.1 | 21.9 |
| 7 30 | 17 41.36 | −25 59.5 | 1.810 | 2.659 | 14.6 | 22.1 |

**434207** 2003 $SP_1$ 6 24.5 257.°95 3.°5/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.44 | −14 26.3 | 1.890 | 2.743 | 13.7 | 21.1 |
| 5 31 | 18 33.48 | −14 8.5 | 1.812 | 2.738 | 10.6 | 20.8 |
| 6 10 | 18 26.44 | −13 57.5 | 1.756 | 2.734 | 7.1 | 20.6 |
| 6 20 | 18 17.98 | −13 54.2 | 1.725 | 2.729 | 4.1 | 20.4 |
| 6 30 | 18 9.00 | −13 58.6 | 1.720 | 2.725 | 4.2 | 20.4 |
| 7 10 | 18 0.51 | −14 10.5 | 1.742 | 2.720 | 7.3 | 20.6 |
| 7 20 | 17 53.42 | −14 28.9 | 1.789 | 2.715 | 10.9 | 20.8 |
| 7 30 | 17 48.43 | −14 52.8 | 1.858 | 2.711 | 14.1 | 21.0 |

**136857** 1998 $FD_7$ 6 24.5 100.°36 1.°0/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.79 | −25 51.9 | 2.254 | 3.107 | 11.8 | 20.5 |
| 5 31 | 18 34.15 | −26 4.0 | 2.189 | 3.120 | 8.8 | 20.4 |
| 6 10 | 18 26.67 | −26 14.8 | 2.148 | 3.133 | 5.4 | 20.2 |
| 6 20 | 18 18.01 | −26 22.6 | 2.134 | 3.146 | 1.9 | 20.0 |
| 6 30 | 18 9.02 | −26 26.1 | 2.147 | 3.159 | 2.3 | 20.0 |
| 7 10 | 18 0.63 | −26 25.3 | 2.189 | 3.171 | 5.7 | 20.3 |
| 7 20 | 17 53.59 | −26 20.9 | 2.256 | 3.183 | 8.9 | 20.5 |
| 7 30 | 17 48.50 | −26 14.3 | 2.347 | 3.195 | 11.7 | 20.7 |

**353871** 2012 $WO_9$ 6 24.5 94.°05 1.°4/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.22 | −25 35.8 | 2.196 | 3.050 | 12.1 | 21.1 |
| 5 31 | 18 34.57 | −26 12.8 | 2.132 | 3.063 | 9.0 | 20.9 |
| 6 10 | 18 26.99 | −26 49.6 | 2.092 | 3.077 | 5.6 | 20.7 |
| 6 20 | 18 18.13 | −27 23.5 | 2.078 | 3.090 | 2.2 | 20.5 |
| 6 30 | 18 8.87 | −27 52.2 | 2.093 | 3.103 | 2.6 | 20.5 |
| 7 10 | 18 0.17 | −28 14.4 | 2.135 | 3.116 | 5.9 | 20.8 |
| 7 20 | 17 52.85 | −28 30.4 | 2.204 | 3.129 | 9.2 | 21.0 |
| 7 30 | 17 47.55 | −28 41.2 | 2.296 | 3.141 | 12.0 | 21.2 |

**263378** 2008 $CL_{181}$ 6 24.5 95.°04 3.°5/24.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.11 | −29 6.9 | 1.548 | 2.413 | 15.6 | 20.3 |
| 5 31 | 18 38.35 | −29 58.6 | 1.486 | 2.421 | 11.8 | 20.1 |
| 6 10 | 18 29.71 | −30 47.9 | 1.445 | 2.429 | 7.7 | 19.9 |
| 6 20 | 18 19.06 | −31 29.4 | 1.429 | 2.436 | 4.0 | 19.7 |
| 6 30 | 18 7.75 | −31 58.8 | 1.438 | 2.444 | 4.5 | 19.7 |
| 7 10 | 17 57.26 | −32 14.7 | 1.473 | 2.452 | 8.3 | 20.0 |
| 7 20 | 17 48.86 | −32 18.4 | 1.532 | 2.459 | 12.3 | 20.2 |
| 7 30 | 17 43.42 | −32 13.4 | 1.611 | 2.466 | 15.8 | 20.5 |

**478251** 2011 $UQ_{367}$ 6 24.5 225.°55 4.°7/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.71 | − 9 35.8 | 2.395 | 3.228 | 11.9 | 21.9 |
| 5 31 | 18 31.77 | − 9 5.1 | 2.313 | 3.222 | 9.4 | 21.7 |
| 6 10 | 18 25.21 | − 8 42.3 | 2.254 | 3.216 | 6.9 | 21.5 |
| 6 20 | 18 17.57 | − 8 28.9 | 2.221 | 3.210 | 5.0 | 21.4 |
| 6 30 | 18 9.53 | − 8 25.9 | 2.215 | 3.204 | 5.0 | 21.4 |
| 7 10 | 18 1.87 | − 8 33.1 | 2.236 | 3.198 | 7.1 | 21.5 |
| 7 20 | 17 55.26 | − 8 49.8 | 2.283 | 3.191 | 9.7 | 21.6 |
| 7 30 | 17 50.28 | − 9 14.5 | 2.352 | 3.184 | 12.2 | 21.8 |

**408628** 2014 $KO_{94}$ 6 24.5 327.°43 3.°7/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.63 | −11 53.5 | 2.125 | 2.972 | 12.7 | 20.9 |
| 5 31 | 18 31.21 | −11 56.3 | 2.044 | 2.965 | 9.9 | 20.7 |
| 6 10 | 18 24.99 | −12 8.5 | 1.985 | 2.959 | 6.8 | 20.5 |
| 6 20 | 18 17.52 | −12 30.0 | 1.951 | 2.952 | 4.2 | 20.3 |
| 6 30 | 18 9.57 | −13 0.5 | 1.944 | 2.946 | 4.1 | 20.3 |
| 7 10 | 18 2.00 | −13 38.5 | 1.964 | 2.941 | 6.8 | 20.4 |
| 7 20 | 17 55.59 | −14 22.0 | 2.010 | 2.935 | 9.9 | 20.6 |
| 7 30 | 17 51.00 | −15 9.1 | 2.078 | 2.930 | 12.9 | 20.8 |

**456112** 2006 $CW_{19}$ 6 24.5 121.°32 0.°9/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.39 | −25 45.6 | 1.438 | 2.306 | 16.4 | 22.1 |
| 5 31 | 18 39.24 | −25 45.9 | 1.376 | 2.315 | 12.3 | 21.9 |
| 6 10 | 18 30.18 | −25 44.2 | 1.335 | 2.323 | 7.6 | 21.6 |
| 6 20 | 18 19.19 | −25 38.0 | 1.318 | 2.331 | 2.6 | 21.3 |
| 6 30 | 18 7.66 | −25 26.1 | 1.326 | 2.339 | 3.0 | 21.4 |
| 7 10 | 17 57.12 | −25 9.1 | 1.360 | 2.346 | 8.0 | 21.7 |
| 7 20 | 17 48.78 | −24 49.3 | 1.418 | 2.353 | 12.5 | 22.0 |
| 7 30 | 17 43.47 | −24 29.4 | 1.496 | 2.360 | 16.3 | 22.2 |

**472297** 2014 $WR_{389}$ 6 24.5 217°.33 1°.1/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 43.14 | −18 49.2 | 2.027 | 2.875 | 13.2 | 22.1 |
| 5 31 | 18 37.04 | −19 10.8 | 1.938 | 2.866 | 10.0 | 21.9 |
| 6 10 | 18 28.71 | −19 37.8 | 1.872 | 2.856 | 6.2 | 21.6 |
| 6 20 | 18 18.75 | −20 8.4 | 1.833 | 2.845 | 2.3 | 21.3 |
| 6 30 | 18 8.10 | −20 40.6 | 1.822 | 2.833 | 2.5 | 21.3 |
| 7 10 | 17 57.83 | −21 12.7 | 1.839 | 2.821 | 6.6 | 21.6 |
| 7 20 | 17 48.94 | −21 43.6 | 1.882 | 2.808 | 10.5 | 21.8 |
| 7 30 | 17 42.23 | −22 13.1 | 1.949 | 2.794 | 13.8 | 22.0 |

**45211** 1999 $XF_{179}$ 6 24.5 148°.45 2°.2/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.54 | −27 51.4 | 2.170 | 3.022 | 12.3 | 19.4 |
| 5 31 | 18 35.70 | −28 30.3 | 2.098 | 3.028 | 9.2 | 19.2 |
| 6 10 | 18 27.77 | −29 7.8 | 2.050 | 3.033 | 5.9 | 19.0 |
| 6 20 | 18 18.42 | −29 40.6 | 2.028 | 3.037 | 2.7 | 18.8 |
| 6 30 | 18 8.56 | −30 6.1 | 2.034 | 3.042 | 3.1 | 18.9 |
| 7 10 | 17 59.23 | −30 23.1 | 2.068 | 3.046 | 6.3 | 19.1 |
| 7 20 | 17 51.34 | −30 32.2 | 2.128 | 3.050 | 9.6 | 19.3 |
| 7 30 | 17 45.57 | −30 35.1 | 2.211 | 3.054 | 12.5 | 19.5 |

**37488** 3203 $T\text{-}_{1}$ 6 24.5 138°.87 3°.5/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.05 | −30 54.7 | 1.558 | 2.419 | 15.8 | 19.4 |
| 5 31 | 18 39.77 | −31 21.6 | 1.493 | 2.425 | 12.0 | 19.2 |
| 6 10 | 18 30.55 | −31 42.8 | 1.449 | 2.431 | 7.9 | 19.0 |
| 6 20 | 18 19.34 | −31 54.0 | 1.429 | 2.436 | 4.2 | 18.8 |
| 6 30 | 18 7.51 | −31 52.2 | 1.436 | 2.442 | 4.5 | 18.8 |
| 7 10 | 17 56.61 | −31 37.5 | 1.468 | 2.447 | 8.3 | 19.1 |
| 7 20 | 17 47.88 | −31 12.9 | 1.524 | 2.451 | 12.3 | 19.3 |
| 7 30 | 17 42.20 | −30 42.8 | 1.601 | 2.456 | 15.9 | 19.5 |

**377655** 2005 $UL_{169}$ 6 24.5 248°.82 2°.2/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.89 | −18 42.6 | 1.867 | 2.723 | 13.8 | 22.0 |
| 5 31 | 18 35.44 | −18 18.1 | 1.779 | 2.711 | 10.5 | 21.8 |
| 6 10 | 18 27.74 | −17 56.2 | 1.715 | 2.698 | 6.7 | 21.5 |
| 6 20 | 18 18.44 | −17 37.2 | 1.675 | 2.686 | 3.0 | 21.3 |
| 6 30 | 18 8.52 | −17 21.6 | 1.663 | 2.672 | 3.3 | 21.3 |
| 7 10 | 17 59.08 | −17 10.0 | 1.678 | 2.659 | 7.2 | 21.5 |
| 7 20 | 17 51.11 | −17 2.9 | 1.717 | 2.645 | 11.1 | 21.7 |
| 7 30 | 17 45.40 | −17 0.9 | 1.779 | 2.631 | 14.6 | 21.9 |

**168302** 1428 $T\text{-}_{2}$ 6 24.6 248°.02 4°.0/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.16 | −31 47.5 | 1.678 | 2.534 | 15.1 | 21.0 |
| 5 31 | 18 40.07 | −32 19.0 | 1.590 | 2.519 | 11.7 | 20.7 |
| 6 10 | 18 30.95 | −32 45.5 | 1.523 | 2.503 | 7.8 | 20.5 |
| 6 20 | 18 19.55 | −33 2.0 | 1.481 | 2.486 | 4.5 | 20.2 |
| 6 30 | 18 7.16 | −33 4.4 | 1.465 | 2.469 | 4.8 | 20.2 |
| 7 10 | 17 55.35 | −32 52.2 | 1.475 | 2.451 | 8.6 | 20.4 |
| 7 20 | 17 45.49 | −32 27.5 | 1.509 | 2.432 | 12.7 | 20.6 |
| 7 30 | 17 38.64 | −31 55.1 | 1.564 | 2.413 | 16.5 | 20.8 |

**253615** 2003 $UF_{58}$ 6 24.6 326°.42 6°.4/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.32 | −35 28.3 | 1.234 | 2.110 | 18.1 | 20.1 |
| 5 31 | 18 38.01 | −36 4.9 | 1.162 | 2.099 | 14.3 | 19.8 |
| 6 10 | 18 30.02 | −36 31.2 | 1.110 | 2.088 | 10.2 | 19.6 |
| 6 20 | 18 19.30 | −36 40.4 | 1.078 | 2.078 | 6.9 | 19.4 |
| 6 30 | 18 7.51 | −36 27.5 | 1.069 | 2.069 | 7.2 | 19.3 |
| 7 10 | 17 56.68 | −35 52.6 | 1.083 | 2.060 | 10.8 | 19.5 |
| 7 20 | 17 48.50 | −35 0.8 | 1.117 | 2.052 | 15.1 | 19.7 |
| 7 30 | 17 44.09 | −33 59.5 | 1.170 | 2.044 | 19.2 | 20.0 |

**165141** 2000 $OH_{14}$ 6 24.6 340°.87 1°.3/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.62 | −27 4.1 | 0.966 | 1.871 | 19.5 | 19.2 |
| 5 31 | 18 33.25 | −26 47.7 | 0.898 | 1.856 | 14.8 | 18.8 |
| 6 10 | 18 27.21 | −26 25.8 | 0.847 | 1.842 | 9.3 | 18.5 |
| 6 20 | 18 18.42 | −25 56.3 | 0.816 | 1.830 | 3.3 | 18.1 |
| 6 30 | 18 8.56 | −25 18.7 | 0.806 | 1.820 | 3.8 | 18.1 |
| 7 10 | 17 59.65 | −24 35.5 | 0.817 | 1.811 | 10.0 | 18.4 |
| 7 20 | 17 53.39 | −23 51.1 | 0.846 | 1.804 | 15.8 | 18.7 |
| 7 30 | 17 50.91 | −23 9.9 | 0.893 | 1.798 | 20.9 | 19.0 |

**225676** 2001 $PZ_{15}$ 6 24.6 296°.60 2°.9/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.51 | −28 45.3 | 1.523 | 2.393 | 15.6 | 20.7 |
| 5 31 | 18 36.83 | −29 12.0 | 1.430 | 2.369 | 11.9 | 20.4 |
| 6 10 | 18 29.10 | −29 36.5 | 1.359 | 2.345 | 7.8 | 20.1 |
| 6 20 | 18 19.01 | −29 54.6 | 1.312 | 2.322 | 3.7 | 19.8 |
| 6 30 | 18 7.80 | −30 2.8 | 1.289 | 2.298 | 4.1 | 19.7 |
| 7 10 | 17 57.03 | −29 59.5 | 1.291 | 2.274 | 8.6 | 19.9 |
| 7 20 | 17 48.17 | −29 46.4 | 1.316 | 2.251 | 13.3 | 20.1 |
| 7 30 | 17 42.34 | −29 26.8 | 1.361 | 2.228 | 17.5 | 20.3 |

**360674** 2004 $RJ_{216}$ 6 24.6 306°.77 12°.5/23.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 54.87 | −59 41.3 | 2.226 | 2.969 | 15.4 | 20.4 |
| 5 31 | 18 47.42 | −60 47.7 | 2.152 | 2.953 | 14.2 | 20.3 |
| 6 10 | 18 35.79 | −61 33.4 | 2.096 | 2.938 | 13.1 | 20.2 |
| 6 20 | 18 21.11 | −61 50.1 | 2.059 | 2.923 | 12.5 | 20.1 |
| 6 30 | 18 5.40 | −61 32.3 | 2.044 | 2.908 | 12.6 | 20.1 |
| 7 10 | 17 50.98 | −60 40.1 | 2.050 | 2.893 | 13.4 | 20.1 |
| 7 20 | 17 39.74 | −59 18.6 | 2.077 | 2.878 | 14.7 | 20.2 |
| 7 30 | 17 32.75 | −57 36.0 | 2.122 | 2.864 | 16.2 | 20.3 |

**230048** 2000 $ST_{99}$ 6 24.6 203°.83 1°.4/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 40.83 | −19 44.1 | 2.207 | 3.055 | 12.2 | 21.4 |
| 5 31 | 18 35.04 | −19 34.4 | 2.123 | 3.051 | 9.2 | 21.2 |
| 6 10 | 18 27.32 | −19 26.9 | 2.063 | 3.046 | 5.8 | 21.0 |
| 6 20 | 18 18.29 | −19 21.3 | 2.029 | 3.041 | 2.3 | 20.7 |
| 6 30 | 18 8.78 | −19 17.1 | 2.024 | 3.035 | 2.5 | 20.7 |
| 7 10 | 17 59.74 | −19 14.5 | 2.047 | 3.028 | 6.1 | 20.9 |
| 7 20 | 17 51.98 | −19 13.7 | 2.096 | 3.021 | 9.6 | 21.1 |
| 7 30 | 17 46.17 | −19 15.1 | 2.169 | 3.014 | 12.6 | 21.3 |

**112607** 2002 $PT_{62}$ 6 24.6 325°.69 2°.1/24.5 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.54 | −28 27.0 | 1.664 | 2.533 | 14.5 | 19.9 |
| 5 31 | 18 34.82 | −28 35.0 | 1.585 | 2.524 | 11.0 | 19.7 |
| 6 10 | 18 27.53 | −28 39.4 | 1.528 | 2.515 | 7.0 | 19.4 |
| 6 20 | 18 18.41 | −28 37.4 | 1.495 | 2.506 | 3.0 | 19.2 |
| 6 30 | 18 8.62 | −28 27.5 | 1.488 | 2.498 | 3.3 | 19.2 |
| 7 10 | 17 59.48 | −28 9.8 | 1.506 | 2.491 | 7.5 | 19.4 |
| 7 20 | 17 52.11 | −27 46.3 | 1.548 | 2.483 | 11.6 | 19.6 |
| 7 30 | 17 47.37 | −27 20.0 | 1.612 | 2.477 | 15.3 | 19.8 |

**440627** 2005 $WS_{45}$ 6 24.6 289°.71 2°.4/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.90 | −28 25.9 | 2.231 | 3.086 | 11.8 | 21.3 |
| 5 31 | 18 33.85 | −29 8.4 | 2.145 | 3.076 | 9.0 | 21.1 |
| 6 10 | 18 26.74 | −29 49.9 | 2.083 | 3.065 | 5.8 | 20.9 |
| 6 20 | 18 18.14 | −30 27.2 | 2.047 | 3.055 | 2.9 | 20.7 |
| 6 30 | 18 8.91 | −30 57.5 | 2.038 | 3.045 | 3.3 | 20.7 |
| 7 10 | 18 0.06 | −31 19.2 | 2.057 | 3.034 | 6.4 | 20.9 |
| 7 20 | 17 52.49 | −31 32.4 | 2.102 | 3.024 | 9.7 | 21.1 |
| 7 30 | 17 46.96 | −31 38.5 | 2.169 | 3.014 | 12.6 | 21.2 |

**354827** 2005 $WN_{197}$ 6 24.6 35°.15 0°.4/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.13 | −25 25.4 | 1.170 | 2.054 | 18.3 | 20.2 |
| 5 31 | 18 38.08 | −25 8.7 | 1.111 | 2.057 | 13.8 | 20.0 |
| 6 10 | 18 29.72 | −24 49.3 | 1.071 | 2.062 | 8.5 | 19.7 |
| 6 20 | 18 19.12 | −24 25.7 | 1.053 | 2.066 | 2.7 | 19.4 |
| 6 30 | 18 7.89 | −23 57.6 | 1.058 | 2.071 | 3.2 | 19.4 |
| 7 10 | 17 57.78 | −23 26.9 | 1.087 | 2.077 | 8.9 | 19.8 |
| 7 20 | 17 50.18 | −22 56.5 | 1.138 | 2.082 | 14.0 | 20.1 |
| 7 30 | 17 45.96 | −22 29.4 | 1.208 | 2.088 | 18.3 | 20.4 |

**509564** 2008 $CT_{27}$ 6 24.6 180°.47 3°.9/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.91 | −35 29.1 | 2.455 | 3.294 | 11.4 | 22.1 |
| 5 31 | 18 35.87 | −35 52.7 | 2.379 | 3.294 | 8.9 | 22.0 |
| 6 10 | 18 27.83 | −36 9.2 | 2.326 | 3.295 | 6.3 | 21.8 |
| 6 20 | 18 18.45 | −36 15.7 | 2.299 | 3.295 | 4.2 | 21.7 |
| 6 30 | 18 8.65 | −36 10.2 | 2.300 | 3.295 | 4.4 | 21.7 |
| 7 10 | 17 59.40 | −35 52.9 | 2.329 | 3.294 | 6.6 | 21.8 |
| 7 20 | 17 51.56 | −35 25.8 | 2.383 | 3.293 | 9.2 | 22.0 |
| 7 30 | 17 45.79 | −34 51.9 | 2.461 | 3.292 | 11.8 | 22.2 |

**261867** 2006 $FU_{13}$ 6 24.6 15°.38 1°.2/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.34 | −24 28.4 | 1.075 | 1.968 | 18.8 | 20.1 |
| 5 31 | 18 35.53 | −24 51.7 | 1.019 | 1.971 | 14.1 | 19.8 |
| 6 10 | 18 28.32 | −25 16.6 | 0.982 | 1.975 | 8.7 | 19.5 |
| 6 20 | 18 18.72 | −25 39.4 | 0.966 | 1.980 | 3.0 | 19.2 |
| 6 30 | 18 8.35 | −25 56.6 | 0.973 | 1.986 | 3.6 | 19.3 |
| 7 10 | 17 59.04 | −26 7.0 | 1.002 | 1.993 | 9.2 | 19.6 |
| 7 20 | 17 52.26 | −26 11.4 | 1.051 | 2.000 | 14.4 | 19.9 |
| 7 30 | 17 48.97 | −26 11.9 | 1.119 | 2.009 | 18.8 | 20.2 |

**424419** 2008 $AS_{90}$ 6 24.6 79°.10 1°.3/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.68 | −19 51.9 | 1.464 | 2.332 | 16.2 | 21.4 |
| 5 31 | 18 37.00 | −19 54.1 | 1.410 | 2.348 | 12.1 | 21.2 |
| 6 10 | 18 28.72 | −20 0.7 | 1.376 | 2.363 | 7.5 | 21.0 |
| 6 20 | 18 18.75 | −20 10.2 | 1.366 | 2.379 | 2.7 | 20.7 |
| 6 30 | 18 8.35 | −20 21.4 | 1.382 | 2.394 | 3.0 | 20.8 |
| 7 10 | 17 58.88 | −20 33.4 | 1.424 | 2.410 | 7.7 | 21.1 |
| 7 20 | 17 51.41 | −20 45.9 | 1.489 | 2.425 | 11.9 | 21.4 |
| 7 30 | 17 46.67 | −20 59.3 | 1.575 | 2.440 | 15.6 | 21.7 |

**88155** 2000 $XN_{8}$ 6 24.6 174°.13 3°.1/25.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.23 | −35 40.9 | 2.640 | 3.471 | 11.0 | 19.3 |
| 5 31 | 18 37.27 | −35 21.7 | 2.559 | 3.472 | 8.5 | 19.1 |
| 6 10 | 18 28.51 | −34 53.6 | 2.503 | 3.473 | 5.8 | 19.0 |
| 6 20 | 18 18.63 | −34 14.9 | 2.474 | 3.474 | 3.5 | 18.8 |
| 6 30 | 18 8.51 | −33 25.5 | 2.474 | 3.475 | 3.5 | 18.8 |
| 7 10 | 17 59.07 | −32 27.2 | 2.503 | 3.475 | 5.8 | 19.0 |
| 7 20 | 17 51.05 | −31 23.0 | 2.561 | 3.476 | 8.5 | 19.1 |
| 7 30 | 17 45.01 | −30 16.7 | 2.643 | 3.476 | 11.0 | 19.3 |

**379385** 2009 $XB_{17}$ 6 24.6 106°.74 0°.9/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.50 | −19 49.9 | 2.056 | 2.908 | 12.9 | 21.4 |
| 5 31 | 18 35.48 | −20 1.4 | 1.996 | 2.926 | 9.6 | 21.3 |
| 6 10 | 18 27.53 | −20 16.3 | 1.960 | 2.945 | 5.9 | 21.1 |
| 6 20 | 18 18.34 | −20 33.0 | 1.950 | 2.962 | 2.1 | 20.9 |
| 6 30 | 18 8.84 | −20 50.3 | 1.968 | 2.980 | 2.3 | 20.9 |
| 7 10 | 17 59.98 | −21 7.2 | 2.014 | 2.997 | 6.0 | 21.2 |
| 7 20 | 17 52.58 | −21 23.5 | 2.086 | 3.013 | 9.5 | 21.4 |
| 7 30 | 17 47.24 | −21 39.3 | 2.181 | 3.030 | 12.4 | 21.6 |

**404672** 2014 $HC_{155}$ 6 24.6 355°.87 0°.1/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 36.57 | −22 43.2 | 1.773 | 2.643 | 13.7 | 20.3 |
| 5 31 | 18 32.33 | −22 55.2 | 1.700 | 2.640 | 10.3 | 20.1 |
| 6 10 | 18 25.88 | −23 9.1 | 1.648 | 2.637 | 6.3 | 19.9 |
| 6 20 | 18 17.89 | −23 23.4 | 1.622 | 2.636 | 2.0 | 19.6 |
| 6 30 | 18 9.36 | −23 36.3 | 1.621 | 2.634 | 2.4 | 19.6 |
| 7 10 | 18 1.39 | −23 47.2 | 1.647 | 2.634 | 6.7 | 19.9 |
| 7 20 | 17 54.95 | −23 56.0 | 1.697 | 2.634 | 10.7 | 20.1 |
| 7 30 | 17 50.77 | −24 3.3 | 1.768 | 2.635 | 14.1 | 20.3 |

**482343** 2011 $VT_{22}$ 6 24.6 307°.01 0°.5/24.6 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.61 | −22 8.6 | 1.930 | 2.794 | 13.1 | 21.3 |
| 5 31 | 18 33.05 | −22 8.5 | 1.842 | 2.778 | 9.8 | 21.1 |
| 6 10 | 18 26.32 | −22 9.8 | 1.775 | 2.763 | 6.1 | 20.8 |
| 6 20 | 18 18.05 | −22 11.6 | 1.734 | 2.747 | 2.0 | 20.5 |
| 6 30 | 18 9.14 | −22 13.1 | 1.720 | 2.732 | 2.4 | 20.5 |
| 7 10 | 18 0.66 | −22 13.8 | 1.732 | 2.718 | 6.6 | 20.8 |
| 7 20 | 17 53.55 | −22 14.2 | 1.769 | 2.703 | 10.5 | 21.0 |
| 7 30 | 17 48.60 | −22 14.9 | 1.828 | 2.689 | 13.9 | 21.2 |

**50000** Quaoar 6 24.6 301°.09 0°.2/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 16.62 | −15 16.2 | 41.989 | 42.824 | 0.8 | 18.8 |
| 5 31 | 18 15.94 | −15 15.5 | 41.905 | 42.823 | 0.6 | 18.8 |
| 6 10 | 18 15.18 | −15 15.1 | 41.848 | 42.822 | 0.4 | 18.8 |
| 6 20 | 18 14.39 | −15 15.1 | 41.818 | 42.821 | 0.2 | 18.7 |
| 6 30 | 18 13.58 | −15 15.3 | 41.818 | 42.820 | 0.2 | 18.7 |
| 7 10 | 18 12.78 | −15 15.9 | 41.846 | 42.820 | 0.4 | 18.8 |
| 7 20 | 18 12.03 | −15 16.8 | 41.901 | 42.819 | 0.6 | 18.8 |
| 7 30 | 18 11.35 | −15 17.9 | 41.983 | 42.818 | 0.8 | 18.8 |

**511015** 2013 $PD_{73}$ 6 24.6 333°.17 0°.4/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.90 | −22 19.6 | 1.076 | 1.975 | 18.4 | 21.0 |
| 5 31 | 18 32.52 | −22 43.6 | 0.999 | 1.954 | 14.0 | 20.7 |
| 6 10 | 18 26.76 | −23 13.5 | 0.941 | 1.935 | 8.7 | 20.3 |
| 6 20 | 18 18.36 | −23 46.8 | 0.903 | 1.917 | 2.8 | 19.9 |
| 6 30 | 18 8.71 | −24 19.6 | 0.887 | 1.901 | 3.5 | 19.9 |
| 7 10 | 17 59.66 | −24 49.1 | 0.892 | 1.885 | 9.6 | 20.2 |
| 7 20 | 17 52.88 | −25 13.9 | 0.918 | 1.872 | 15.3 | 20.4 |
| 7 30 | 17 49.63 | −25 34.5 | 0.960 | 1.860 | 20.3 | 20.7 |

**347840** 2002 $PM_{176}$ 6 24.6 284°.36 3°.2/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.06 | −14 48.4 | 1.909 | 2.763 | 13.6 | 20.9 |
| 5 31 | 18 33.22 | −14 37.1 | 1.831 | 2.759 | 10.4 | 20.7 |
| 6 10 | 18 26.33 | −14 32.7 | 1.775 | 2.754 | 7.0 | 20.5 |
| 6 20 | 18 18.04 | −14 35.7 | 1.744 | 2.750 | 3.8 | 20.3 |
| 6 30 | 18 9.22 | −14 45.9 | 1.740 | 2.745 | 3.9 | 20.3 |
| 7 10 | 18 0.88 | −15 2.6 | 1.762 | 2.741 | 7.1 | 20.4 |
| 7 20 | 17 53.91 | −15 24.9 | 1.809 | 2.737 | 10.7 | 20.6 |
| 7 30 | 17 49.02 | −15 51.5 | 1.878 | 2.733 | 13.9 | 20.8 |

**184867** 2005 $UD_{109}$ 6 24.6 264°.82 5°.7/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.06 | − 5 46.7 | 2.451 | 3.270 | 12.0 | 20.5 |
| 5 31 | 18 31.36 | − 5 20.1 | 2.359 | 3.255 | 9.8 | 20.4 |
| 6 10 | 18 25.05 | − 5 3.8 | 2.289 | 3.239 | 7.6 | 20.2 |
| 6 20 | 18 17.61 | − 4 59.7 | 2.245 | 3.222 | 6.0 | 20.1 |
| 6 30 | 18 9.71 | − 5 8.6 | 2.228 | 3.206 | 6.0 | 20.0 |
| 7 10 | 18 2.09 | − 5 30.5 | 2.237 | 3.189 | 7.7 | 20.1 |
| 7 20 | 17 55.43 | − 6 3.8 | 2.272 | 3.172 | 10.1 | 20.2 |
| 7 30 | 17 50.34 | − 6 46.4 | 2.329 | 3.155 | 12.5 | 20.4 |

**337228** 2000 $FL_{1}$ 6 24.6 209°.30 4°.2/23.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 48.30 | −36 50.6 | 3.326 | 4.136 | 9.4 | 21.7 |
| 5 31 | 18 40.49 | −38 3.6 | 3.230 | 4.126 | 7.5 | 21.6 |
| 6 10 | 18 30.72 | −39 12.0 | 3.162 | 4.116 | 5.5 | 21.4 |
| 6 20 | 18 19.46 | −40 11.5 | 3.124 | 4.104 | 4.3 | 21.3 |
| 6 30 | 18 7.47 | −40 58.5 | 3.116 | 4.092 | 4.6 | 21.3 |
| 7 10 | 17 55.62 | −41 31.5 | 3.139 | 4.078 | 6.2 | 21.4 |
| 7 20 | 17 44.76 | −41 50.7 | 3.191 | 4.064 | 8.3 | 21.5 |
| 7 30 | 17 35.63 | −41 58.3 | 3.267 | 4.049 | 10.2 | 21.7 |

**107017** 2000 $YQ_{115}$ 6 24.6 114°.70 1°.3/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.26 | −26 7.5 | 1.656 | 2.516 | 15.0 | 19.7 |
| 5 31 | 18 38.81 | −26 19.6 | 1.597 | 2.531 | 11.2 | 19.5 |
| 6 10 | 18 29.79 | −26 29.9 | 1.559 | 2.546 | 6.9 | 19.3 |
| 6 20 | 18 19.12 | −26 35.7 | 1.547 | 2.559 | 2.5 | 19.1 |
| 6 30 | 18 8.02 | −26 35.2 | 1.561 | 2.573 | 2.9 | 19.1 |
| 7 10 | 17 57.82 | −26 28.6 | 1.602 | 2.586 | 7.2 | 19.4 |
| 7 20 | 17 49.58 | −26 17.5 | 1.668 | 2.598 | 11.3 | 19.7 |
| 7 30 | 17 44.04 | −26 4.4 | 1.755 | 2.610 | 14.7 | 19.9 |

**2441** Hibbs 6 24.6 296°.70 2°.2/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.50 | −18 8.8 | 1.476 | 2.346 | 15.9 | 17.5 |
| 5 31 | 18 35.14 | −18 6.6 | 1.386 | 2.325 | 12.2 | 17.2 |
| 6 10 | 18 27.99 | −18 10.9 | 1.316 | 2.303 | 7.9 | 16.9 |
| 6 20 | 18 18.69 | −18 21.2 | 1.270 | 2.281 | 3.3 | 16.5 |
| 6 30 | 18 8.38 | −18 36.5 | 1.248 | 2.259 | 3.6 | 16.5 |
| 7 10 | 17 58.47 | −18 55.9 | 1.251 | 2.238 | 8.4 | 16.7 |
| 7 20 | 17 50.27 | −19 18.5 | 1.278 | 2.216 | 13.3 | 16.9 |
| 7 30 | 17 44.84 | −19 43.6 | 1.324 | 2.195 | 17.6 | 17.1 |

**338720** 2003 $UG_{83}$ 6 24.6 204°.42 0°.5/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 41.28 | −25 29.8 | 2.720 | 3.562 | 10.4 | 21.9 |
| 5 31 | 18 35.11 | −25 25.7 | 2.630 | 3.555 | 7.8 | 21.7 |
| 6 10 | 18 27.28 | −25 19.9 | 2.565 | 3.549 | 4.8 | 21.5 |
| 6 20 | 18 18.32 | −25 11.3 | 2.528 | 3.541 | 1.6 | 21.3 |
| 6 30 | 18 8.97 | −24 59.2 | 2.521 | 3.533 | 1.9 | 21.3 |
| 7 10 | 18 0.02 | −24 44.1 | 2.543 | 3.524 | 5.1 | 21.5 |
| 7 20 | 17 52.18 | −24 26.9 | 2.592 | 3.514 | 8.1 | 21.7 |
| 7 30 | 17 46.03 | −24 8.9 | 2.667 | 3.504 | 10.8 | 21.8 |

**151845** 2003 $GA_{15}$ 6 24.6 95°.63 4°.2/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.06 | −31 7.7 | 1.775 | 2.628 | 14.5 | 19.9 |
| 5 31 | 18 39.52 | −32 17.4 | 1.720 | 2.647 | 11.0 | 19.7 |
| 6 10 | 18 30.32 | −33 22.9 | 1.688 | 2.665 | 7.4 | 19.5 |
| 6 20 | 18 19.33 | −34 18.4 | 1.681 | 2.683 | 4.6 | 19.4 |
| 6 30 | 18 7.79 | −34 59.4 | 1.702 | 2.701 | 5.0 | 19.4 |
| 7 10 | 17 57.06 | −35 24.4 | 1.749 | 2.719 | 8.0 | 19.7 |
| 7 20 | 17 48.28 | −35 35.0 | 1.821 | 2.736 | 11.4 | 19.9 |
| 7 30 | 17 42.26 | −35 34.6 | 1.915 | 2.753 | 14.3 | 20.1 |

**29253** 1993 $DN$ 6 24.6 117°.68 1°.3/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.80 | −26 52.3 | 1.411 | 2.279 | 16.7 | 18.2 |
| 5 31 | 18 39.65 | −26 48.6 | 1.348 | 2.287 | 12.5 | 18.0 |
| 6 10 | 18 30.52 | −26 41.5 | 1.307 | 2.295 | 7.8 | 17.7 |
| 6 20 | 18 19.40 | −26 28.5 | 1.289 | 2.302 | 2.8 | 17.5 |
| 6 30 | 18 7.75 | −26 8.4 | 1.297 | 2.309 | 3.2 | 17.5 |
| 7 10 | 17 57.13 | −25 42.5 | 1.330 | 2.316 | 8.1 | 17.8 |
| 7 20 | 17 48.78 | −25 13.7 | 1.387 | 2.323 | 12.7 | 18.1 |
| 7 30 | 17 43.51 | −24 45.3 | 1.464 | 2.329 | 16.5 | 18.4 |

**510475** 2011 $WV_{98}$ 6 24.6 202°.71 2°.2/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.52 | −17 26.0 | 2.472 | 3.318 | 11.1 | 22.3 |
| 5 31 | 18 32.37 | −17 2.0 | 2.391 | 3.316 | 8.4 | 22.1 |
| 6 10 | 18 25.61 | −16 40.9 | 2.334 | 3.314 | 5.5 | 21.9 |
| 6 20 | 18 17.79 | −16 23.0 | 2.304 | 3.312 | 2.7 | 21.7 |
| 6 30 | 18 9.62 | −16 9.0 | 2.302 | 3.309 | 2.9 | 21.7 |
| 7 10 | 18 1.87 | −15 59.1 | 2.328 | 3.306 | 5.7 | 21.9 |
| 7 20 | 17 55.21 | −15 53.5 | 2.381 | 3.304 | 8.7 | 22.1 |
| 7 30 | 17 50.20 | −15 52.3 | 2.458 | 3.300 | 11.4 | 22.2 |

**512800** 2016 $UZ_{86}$ 6 24.6 223°.10 0°.5/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.41 | −24 27.7 | 2.536 | 3.386 | 10.8 | 22.2 |
| 5 31 | 18 33.12 | −24 36.1 | 2.450 | 3.380 | 8.0 | 22.1 |
| 6 10 | 18 26.13 | −24 44.3 | 2.389 | 3.374 | 5.0 | 21.8 |
| 6 20 | 18 17.98 | −24 51.0 | 2.354 | 3.367 | 1.6 | 21.6 |
| 6 30 | 18 9.39 | −24 55.0 | 2.348 | 3.360 | 1.9 | 21.6 |
| 7 10 | 18 1.20 | −24 56.2 | 2.371 | 3.353 | 5.3 | 21.8 |
| 7 20 | 17 54.11 | −24 54.8 | 2.420 | 3.346 | 8.4 | 22.0 |
| 7 30 | 17 48.74 | −24 51.9 | 2.493 | 3.339 | 11.2 | 22.2 |

**86306** 1999 $VQ_{67}$ 6 24.6 38°.19 3°.5/23.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.71 | −31 22.7 | 2.199 | 3.051 | 12.1 | 18.5 |
| 5 31 | 18 34.46 | −32 12.8 | 2.128 | 3.055 | 9.2 | 18.3 |
| 6 10 | 18 27.12 | −32 59.5 | 2.080 | 3.058 | 6.2 | 18.1 |
| 6 20 | 18 18.32 | −33 38.9 | 2.059 | 3.062 | 3.8 | 18.0 |
| 6 30 | 18 8.99 | −34 8.1 | 2.065 | 3.066 | 4.1 | 18.0 |
| 7 10 | 18 0.16 | −34 25.9 | 2.098 | 3.070 | 6.8 | 18.2 |
| 7 20 | 17 52.75 | −34 33.0 | 2.157 | 3.074 | 9.8 | 18.3 |
| 7 30 | 17 47.47 | −34 31.5 | 2.238 | 3.078 | 12.5 | 18.5 |

**261058** 2005 $SH_{181}$ 6 24.6 157°.16 4°.3/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.67 | −10 35.0 | 2.490 | 3.323 | 11.5 | 21.0 |
| 5 31 | 18 31.66 | − 9 59.6 | 2.416 | 3.326 | 9.0 | 20.8 |
| 6 10 | 18 25.14 | − 9 31.3 | 2.365 | 3.329 | 6.5 | 20.7 |
| 6 20 | 18 17.65 | − 9 11.3 | 2.340 | 3.331 | 4.6 | 20.6 |
| 6 30 | 18 9.84 | − 9 0.7 | 2.343 | 3.334 | 4.7 | 20.6 |
| 7 10 | 18 2.44 | − 8 59.4 | 2.373 | 3.336 | 6.7 | 20.7 |
| 7 20 | 17 56.09 | − 9 7.0 | 2.429 | 3.338 | 9.2 | 20.9 |
| 7 30 | 17 51.30 | − 9 22.4 | 2.509 | 3.339 | 11.6 | 21.0 |

**343855** 2011 $HZ_{46}$ 6 24.6 349°.68 9°.8/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 34.80 | − 3 45.7 | 1.396 | 2.246 | 17.9 | 20.2 |
| 5 31 | 18 31.33 | − 2 40.1 | 1.330 | 2.239 | 14.9 | 20.0 |
| 6 10 | 18 25.43 | − 1 52.0 | 1.283 | 2.234 | 12.1 | 19.8 |
| 6 20 | 18 17.82 | − 1 26.7 | 1.256 | 2.229 | 10.1 | 19.7 |
| 6 30 | 18 9.60 | − 1 27.3 | 1.252 | 2.225 | 10.1 | 19.7 |
| 7 10 | 18 1.98 | − 1 53.7 | 1.270 | 2.222 | 12.2 | 19.8 |
| 7 20 | 17 56.02 | − 2 42.5 | 1.308 | 2.220 | 15.1 | 20.0 |
| 7 30 | 17 52.55 | − 3 48.3 | 1.365 | 2.219 | 18.2 | 20.1 |

**79654** 1998 $SS_{22}$ 6 24.6 267°.01 4°.7/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.36 | −33 24.3 | 1.662 | 2.520 | 15.1 | 19.3 |
| 5 31 | 18 38.77 | −34 0.6 | 1.578 | 2.506 | 11.8 | 19.1 |
| 6 10 | 18 30.19 | −34 30.8 | 1.516 | 2.493 | 8.1 | 18.9 |
| 6 20 | 18 19.40 | −34 49.5 | 1.477 | 2.479 | 5.1 | 18.6 |
| 6 30 | 18 7.69 | −34 52.6 | 1.465 | 2.465 | 5.4 | 18.6 |
| 7 10 | 17 56.59 | −34 39.5 | 1.478 | 2.451 | 8.8 | 18.8 |
| 7 20 | 17 47.49 | −34 12.8 | 1.514 | 2.437 | 12.7 | 19.0 |
| 7 30 | 17 41.38 | −33 37.1 | 1.571 | 2.423 | 16.3 | 19.2 |

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| **390385** 2013 $WG_{47}$ | | | 6 24.6 140°.31 | | 1°.1/24.5 17 | |
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 42.63 | −25 47.8 | 2.291 | 3.139 | 11.8 | 21.8 |
| 5 31 | 18 36.31 | −26 8.7 | 2.223 | 3.151 | 8.8 | 21.6 |
| 6 10 | 18 28.08 | −26 28.5 | 2.179 | 3.163 | 5.5 | 21.4 |
| 6 20 | 18 18.60 | −26 45.2 | 2.162 | 3.174 | 2.0 | 21.2 |
| 6 30 | 18 8.74 | −26 56.9 | 2.174 | 3.185 | 2.3 | 21.3 |
| 7 10 | 17 59.46 | −27 3.3 | 2.214 | 3.195 | 5.8 | 21.5 |
| 7 20 | 17 51.56 | −27 5.0 | 2.281 | 3.204 | 9.0 | 21.7 |
| 7 30 | 17 45.67 | −27 3.4 | 2.372 | 3.213 | 11.8 | 21.9 |
| **149164** 2002 $GX_{36}$ | | | 6 24.6 85°.72 | | 1°.1/24.5 18 | |
| 5 21 | 18 38.54 | −25 36.8 | 2.292 | 3.147 | 11.6 | 20.3 |
| 5 31 | 18 33.34 | −25 59.6 | 2.221 | 3.153 | 8.7 | 20.1 |
| 6 10 | 18 26.30 | −26 22.0 | 2.173 | 3.158 | 5.4 | 19.9 |
| 6 20 | 18 18.04 | −26 41.9 | 2.152 | 3.164 | 2.0 | 19.7 |
| 6 30 | 18 9.38 | −26 57.6 | 2.159 | 3.170 | 2.3 | 19.7 |
| 7 10 | 18 1.22 | −27 8.4 | 2.194 | 3.176 | 5.7 | 20.0 |
| 7 20 | 17 54.32 | −27 14.6 | 2.255 | 3.182 | 8.9 | 20.2 |
| 7 30 | 17 49.32 | −27 17.4 | 2.339 | 3.188 | 11.7 | 20.4 |
| **275562** 1999 $RP_{179}$ | | | 6 24.6 323°.83 | | 11°.1/25.6 17 | |
| 5 21 | 18 34.47 | − 0 9.0 | 1.404 | 2.241 | 18.5 | 19.7 |
| 5 31 | 18 31.35 | + 0 35.0 | 1.317 | 2.215 | 15.9 | 19.5 |
| 6 10 | 18 25.65 | + 0 57.1 | 1.248 | 2.189 | 13.3 | 19.3 |
| 6 20 | 18 17.98 | + 0 51.5 | 1.199 | 2.164 | 11.4 | 19.1 |
| 6 30 | 18 9.35 | + 0 14.5 | 1.172 | 2.140 | 11.3 | 19.0 |
| 7 10 | 18 1.02 | − 0 53.4 | 1.166 | 2.117 | 13.2 | 19.0 |
| 7 20 | 17 54.24 | − 2 27.7 | 1.181 | 2.094 | 16.3 | 19.1 |
| 7 30 | 17 50.02 | − 4 21.1 | 1.214 | 2.073 | 19.6 | 19.3 |
| **388588** 2007 $RC_{126}$ | | | 6 24.6 309°.35 | | 23°.2/27.4 17 | |
| 5 21 | 18 38.89 | +19 9.8 | 1.133 | 1.888 | 26.6 | 19.9 |
| 5 31 | 18 34.99 | +21 16.2 | 1.085 | 1.882 | 25.3 | 19.7 |
| 6 10 | 18 27.98 | +22 41.3 | 1.049 | 1.877 | 24.2 | 19.6 |
| 6 20 | 18 18.71 | +23 13.6 | 1.025 | 1.872 | 23.4 | 19.5 |
| 6 30 | 18 8.56 | +22 45.5 | 1.014 | 1.867 | 23.2 | 19.5 |
| 7 10 | 17 59.16 | +21 17.2 | 1.018 | 1.862 | 23.8 | 19.5 |
| 7 20 | 17 51.89 | +18 56.1 | 1.035 | 1.857 | 24.9 | 19.6 |
| 7 30 | 17 47.79 | +15 54.7 | 1.066 | 1.853 | 26.4 | 19.7 |
| **359860** 2011 $VF_{1}$ | | | 6 24.6 221°.70 | | 0°.2/24.6 18 | |
| 5 21 | 18 39.41 | −24 50.1 | 2.398 | 3.249 | 11.3 | 21.4 |
| 5 31 | 18 33.90 | −24 37.4 | 2.314 | 3.244 | 8.4 | 21.2 |
| 6 10 | 18 26.62 | −24 23.0 | 2.254 | 3.239 | 5.2 | 20.9 |
| 6 20 | 18 18.15 | −24 6.2 | 2.221 | 3.234 | 1.7 | 20.7 |
| 6 30 | 18 9.28 | −23 46.9 | 2.216 | 3.229 | 2.0 | 20.7 |
| 7 10 | 18 0.88 | −23 25.6 | 2.240 | 3.223 | 5.5 | 20.9 |
| 7 20 | 17 53.71 | −23 3.5 | 2.290 | 3.217 | 8.8 | 21.1 |
| 7 30 | 17 48.35 | −22 42.2 | 2.364 | 3.211 | 11.7 | 21.3 |
| **242747** 2005 $VV_{41}$ | | | 6 24.6 219°.51 | | 4°.7/24.5 18 | |
| 5 21 | 18 36.00 | − 6 43.3 | 3.075 | 3.887 | 10.0 | 21.2 |
| 5 31 | 18 30.97 | − 6 5.8 | 2.986 | 3.878 | 8.1 | 21.1 |
| 6 10 | 18 24.67 | − 5 35.6 | 2.920 | 3.868 | 6.2 | 20.9 |
| 6 20 | 18 17.51 | − 5 14.1 | 2.882 | 3.857 | 4.9 | 20.8 |
| 6 30 | 18 10.03 | − 5 2.4 | 2.871 | 3.846 | 5.0 | 20.8 |
| 7 10 | 18 2.82 | − 5 0.9 | 2.889 | 3.834 | 6.4 | 20.9 |
| 7 20 | 17 56.40 | − 5 9.0 | 2.933 | 3.822 | 8.4 | 21.0 |
| 7 30 | 17 51.25 | − 5 25.7 | 3.000 | 3.810 | 10.4 | 21.2 |
| **234546** 2001 $VF_{38}$ | | | 6 24.6 336°.64 | | 1°.3/24.5 18 | |
| 5 21 | 18 39.10 | −25 37.0 | 1.380 | 2.260 | 16.3 | 19.0 |
| 5 31 | 18 34.94 | −25 50.3 | 1.306 | 2.251 | 12.3 | 18.8 |
| 6 10 | 18 27.86 | −26 3.1 | 1.254 | 2.244 | 7.7 | 18.5 |
| 6 20 | 18 18.66 | −26 12.7 | 1.223 | 2.237 | 2.7 | 18.2 |
| 6 30 | 18 8.65 | −26 16.7 | 1.218 | 2.230 | 3.2 | 18.2 |
| 7 10 | 17 59.36 | −26 14.7 | 1.236 | 2.224 | 8.2 | 18.5 |
| 7 20 | 17 52.10 | −26 7.7 | 1.277 | 2.219 | 13.0 | 18.7 |
| 7 30 | 17 47.82 | −25 58.1 | 1.337 | 2.215 | 17.1 | 19.0 |
| **325990** 2010 $VQ_{188}$ | | | 6 24.6 279°.07 | | 2°.4/24.8 18 | |
| 5 21 | 18 36.41 | −15 46.2 | 2.398 | 3.246 | 11.4 | 21.2 |
| 5 31 | 18 31.73 | −15 41.3 | 2.305 | 3.231 | 8.7 | 21.0 |
| 6 10 | 18 25.35 | −15 41.7 | 2.236 | 3.215 | 5.7 | 20.7 |
| 6 20 | 18 17.78 | −15 47.2 | 2.193 | 3.200 | 3.0 | 20.5 |
| 6 30 | 18 9.71 | −15 57.7 | 2.178 | 3.185 | 3.0 | 20.5 |
| 7 10 | 18 1.96 | −16 12.7 | 2.190 | 3.169 | 5.9 | 20.7 |
| 7 20 | 17 55.23 | −16 31.4 | 2.228 | 3.154 | 9.1 | 20.8 |
| 7 30 | 17 50.17 | −16 53.3 | 2.290 | 3.138 | 12.0 | 21.0 |
| **276964** 2004 $TQ_{369}$ | | | 6 24.6 331°.54 | | 5°.4/23.6 17 | |
| 5 21 | 18 42.71 | −33 5.7 | 1.669 | 2.529 | 14.9 | 20.2 |
| 5 31 | 18 37.52 | −34 19.4 | 1.597 | 2.526 | 11.6 | 19.9 |
| 6 10 | 18 29.42 | −35 29.1 | 1.547 | 2.523 | 8.2 | 19.7 |
| 6 20 | 18 19.18 | −36 28.3 | 1.521 | 2.519 | 5.6 | 19.6 |
| 6 30 | 18 8.04 | −37 11.4 | 1.522 | 2.517 | 6.1 | 19.6 |
| 7 10 | 17 57.51 | −37 36.1 | 1.547 | 2.514 | 9.1 | 19.8 |
| 7 20 | 17 48.91 | −37 43.5 | 1.596 | 2.512 | 12.6 | 20.0 |
| 7 30 | 17 43.26 | −37 37.4 | 1.665 | 2.509 | 15.9 | 20.2 |

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| **120456** 1989 $JB$ | | | 6 24.6 32°.31 | | 5°.5/22.2 18 | |
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 49.30 | −20 17.1 | 0.930 | 1.816 | 21.7 | 17.4 |
| 5 31 | 18 43.89 | −24 9.3 | 0.886 | 1.834 | 16.2 | 17.1 |
| 6 10 | 18 34.08 | −28 19.9 | 0.863 | 1.853 | 10.2 | 16.9 |
| 6 20 | 18 20.82 | −32 26.5 | 0.866 | 1.874 | 5.8 | 16.7 |
| 6 30 | 18 6.09 | −36 4.6 | 0.894 | 1.895 | 7.7 | 16.9 |
| 7 10 | 17 52.41 | −38 58.7 | 0.947 | 1.918 | 12.8 | 17.3 |
| 7 20 | 17 41.99 | −41 6.3 | 1.022 | 1.942 | 17.6 | 17.6 |
| 7 30 | 17 36.24 | −42 34.1 | 1.114 | 1.967 | 21.5 | 17.9 |
| **48157** 2001 $GB_{7}$ | | | 6 24.6 323°.08 | | 3°.2/25.2 18 | R |
| 5 21 | 18 37.09 | −13 58.6 | 1.617 | 2.480 | 15.2 | 18.5 |
| 5 31 | 18 33.01 | −14 16.0 | 1.533 | 2.466 | 11.7 | 18.2 |
| 6 10 | 18 26.52 | −14 44.9 | 1.470 | 2.452 | 7.8 | 17.9 |
| 6 20 | 18 18.24 | −15 24.8 | 1.431 | 2.439 | 4.0 | 17.7 |
| 6 30 | 18 9.16 | −16 14.0 | 1.417 | 2.426 | 4.0 | 17.6 |
| 7 10 | 18 0.50 | −17 9.7 | 1.429 | 2.414 | 7.8 | 17.8 |
| 7 20 | 17 53.35 | −18 8.9 | 1.465 | 2.402 | 12.0 | 18.1 |
| 7 30 | 17 48.60 | −19 9.0 | 1.522 | 2.391 | 15.8 | 18.3 |
| **6151** Viget | | | 6 24.6 163°.25 | | 4°.0/24.2 18 | |
| 5 21 | 18 46.43 | −30 41.3 | 1.584 | 2.443 | 15.6 | 17.2 |
| 5 31 | 18 40.22 | −31 30.6 | 1.516 | 2.447 | 12.0 | 17.0 |
| 6 10 | 18 31.00 | −32 16.2 | 1.469 | 2.450 | 7.9 | 16.7 |
| 6 20 | 18 19.66 | −32 52.3 | 1.447 | 2.452 | 4.5 | 16.5 |
| 6 30 | 18 7.55 | −33 14.5 | 1.451 | 2.455 | 4.9 | 16.6 |
| 7 10 | 17 56.24 | −33 21.7 | 1.481 | 2.457 | 8.6 | 16.8 |
| 7 20 | 17 47.05 | −33 15.8 | 1.534 | 2.458 | 12.5 | 17.0 |
| 7 30 | 17 40.93 | −33 0.9 | 1.609 | 2.459 | 16.0 | 17.3 |
| **160040** 1999 $NC_{30}$ | | | 6 24.6 291°.34 | | 8°.9/27.0 18 | |
| 5 21 | 18 42.11 | + 2 16.2 | 1.867 | 2.659 | 16.3 | 19.8 |
| 5 31 | 18 36.65 | + 2 2.4 | 1.758 | 2.627 | 14.0 | 19.5 |
| 6 10 | 18 28.78 | + 1 24.4 | 1.669 | 2.596 | 11.5 | 19.3 |
| 6 20 | 18 19.01 | + 0 19.0 | 1.604 | 2.564 | 9.4 | 19.1 |
| 6 30 | 18 8.20 | − 1 14.7 | 1.564 | 2.532 | 9.0 | 19.0 |
| 7 10 | 17 57.47 | − 3 13.5 | 1.551 | 2.499 | 10.7 | 19.0 |
| 7 20 | 17 47.92 | − 5 31.2 | 1.564 | 2.466 | 13.7 | 19.1 |
| 7 30 | 17 40.53 | − 7 59.9 | 1.601 | 2.433 | 16.9 | 19.3 |
| **248984** 2007 $EP_{73}$ | | | 6 24.6 298°.68 | | 3°.3/24.9 18 | |
| 5 21 | 18 35.94 | −13 14.0 | 2.330 | 3.174 | 11.8 | 20.4 |
| 5 31 | 18 31.33 | −13 4.8 | 2.249 | 3.170 | 9.1 | 20.2 |
| 6 10 | 18 25.07 | −13 2.5 | 2.191 | 3.166 | 6.2 | 20.0 |
| 6 20 | 18 17.69 | −13 7.5 | 2.160 | 3.162 | 3.7 | 19.8 |
| 6 30 | 18 9.90 | −13 19.7 | 2.156 | 3.158 | 3.7 | 19.8 |
| 7 10 | 18 2.49 | −13 38.5 | 2.179 | 3.154 | 6.3 | 20.0 |
| 7 20 | 17 56.16 | −14 2.7 | 2.227 | 3.150 | 9.2 | 20.1 |
| 7 30 | 17 51.50 | −14 31.4 | 2.300 | 3.146 | 12.0 | 20.3 |
| **519470** 2012 $BC_{158}$ | | | 6 24.6 277°.88 | | 11°.7/26.4 17 | |
| 5 21 | 18 39.03 | + 3 29.9 | 1.529 | 2.337 | 18.6 | 21.4 |
| 5 31 | 18 34.37 | + 4 15.2 | 1.458 | 2.330 | 16.1 | 21.2 |
| 6 10 | 18 27.29 | + 4 36.5 | 1.406 | 2.324 | 13.8 | 21.1 |
| 6 20 | 18 18.47 | + 4 28.6 | 1.373 | 2.318 | 12.1 | 20.9 |
| 6 30 | 18 8.96 | + 3 49.1 | 1.363 | 2.311 | 11.8 | 20.9 |
| 7 10 | 17 59.98 | + 2 39.6 | 1.375 | 2.305 | 13.2 | 21.0 |
| 7 20 | 17 52.61 | + 1 5.6 | 1.409 | 2.299 | 15.7 | 21.1 |
| 7 30 | 17 47.68 | − 0 45.6 | 1.462 | 2.293 | 18.3 | 21.3 |
| **348381** 2005 $GJ_{17}$ | | | 6 24.6 266°.29 | | 3°.6/24.8 17 | |
| 5 21 | 18 38.16 | −14 2.6 | 1.955 | 2.806 | 13.4 | 21.5 |
| 5 31 | 18 33.27 | −13 45.0 | 1.876 | 2.801 | 10.4 | 21.3 |
| 6 10 | 18 26.39 | −13 34.3 | 1.819 | 2.796 | 7.0 | 21.1 |
| 6 20 | 18 18.14 | −13 31.4 | 1.788 | 2.792 | 4.1 | 20.9 |
| 6 30 | 18 9.37 | −13 36.5 | 1.783 | 2.787 | 4.2 | 20.9 |
| 7 10 | 18 1.09 | −13 49.1 | 1.805 | 2.782 | 7.2 | 21.0 |
| 7 20 | 17 54.13 | −14 8.4 | 1.852 | 2.777 | 10.6 | 21.2 |
| 7 30 | 17 49.19 | −14 33.1 | 1.921 | 2.773 | 13.8 | 21.4 |
| **471562** 2012 $PH_{38}$ | | | 6 24.6 267°.33 | | 0°.2/24.6 18 | |
| 5 21 | 18 41.42 | −24 12.0 | 1.932 | 2.790 | 13.3 | 22.0 |
| 5 31 | 18 36.00 | −24 6.9 | 1.837 | 2.771 | 10.1 | 21.8 |
| 6 10 | 18 28.24 | −24 1.0 | 1.765 | 2.752 | 6.2 | 21.5 |
| 6 20 | 18 18.78 | −23 52.9 | 1.719 | 2.732 | 2.0 | 21.2 |
| 6 30 | 18 8.60 | −23 41.8 | 1.700 | 2.713 | 2.4 | 21.2 |
| 7 10 | 17 58.83 | −23 27.8 | 1.708 | 2.692 | 6.8 | 21.4 |
| 7 20 | 17 50.54 | −23 12.3 | 1.741 | 2.672 | 10.8 | 21.6 |
| 7 30 | 17 44.53 | −22 56.9 | 1.797 | 2.651 | 14.4 | 21.8 |
| **217487** 2006 $DD_{200}$ | | | 6 24.6 137°.66 | | 5°.5/24.9 18 | |
| 5 21 | 18 46.83 | −39 8.5 | 1.974 | 2.809 | 13.9 | 20.0 |
| 5 31 | 18 39.99 | −39 23.1 | 1.905 | 2.815 | 11.1 | 19.8 |
| 6 10 | 18 30.56 | −39 25.8 | 1.858 | 2.820 | 8.1 | 19.7 |
| 6 20 | 18 19.45 | −39 12.3 | 1.836 | 2.825 | 5.9 | 19.5 |
| 6 30 | 18 7.93 | −38 40.8 | 1.840 | 2.829 | 5.9 | 19.5 |
| 7 10 | 17 57.33 | −37 52.9 | 1.871 | 2.834 | 8.2 | 19.7 |
| 7 20 | 17 48.72 | −36 52.9 | 1.927 | 2.838 | 11.1 | 19.9 |
| 7 30 | 17 42.85 | −35 46.3 | 2.006 | 2.842 | 13.9 | 20.1 |

**11998** Fermilab 6 24.6 313°.27 0°.3/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 37.32 | −22 57.3 | 1.888 | 2.753 | 13.2 | 18.5 |
| 5 31 | 18 33.05 | −23 15.4 | 1.791 | 2.729 | 10.0 | 18.3 |
| 6 10 | 18 26.50 | −23 36.0 | 1.717 | 2.705 | 6.2 | 18.0 |
| 6 20 | 18 18.25 | −23 57.2 | 1.668 | 2.682 | 2.0 | 17.7 |
| 6 30 | 18 9.20 | −24 17.1 | 1.646 | 2.659 | 2.4 | 17.7 |
| 7 10 | 18 0.46 | −24 34.3 | 1.650 | 2.636 | 6.8 | 17.9 |
| 7 20 | 17 53.09 | −24 48.5 | 1.678 | 2.613 | 10.9 | 18.1 |
| 7 30 | 17 47.95 | −25 0.3 | 1.728 | 2.591 | 14.5 | 18.3 |

**107576** 2001 $DM_{94}$ 6 24.6 113°.72 1°.2/24.6 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.99 | −26 48.8 | 1.683 | 2.541 | 14.9 | 20.0 |
| 5 31 | 18 39.29 | −26 46.1 | 1.623 | 2.557 | 11.2 | 19.8 |
| 6 10 | 18 30.09 | −26 40.2 | 1.586 | 2.572 | 6.9 | 19.6 |
| 6 20 | 18 19.29 | −26 29.0 | 1.575 | 2.587 | 2.5 | 19.3 |
| 6 30 | 18 8.14 | −26 11.7 | 1.590 | 2.602 | 2.8 | 19.4 |
| 7 10 | 17 57.93 | −25 49.3 | 1.632 | 2.616 | 7.1 | 19.7 |
| 7 20 | 17 49.69 | −25 24.1 | 1.699 | 2.629 | 11.1 | 19.9 |
| 7 30 | 17 44.13 | −24 58.9 | 1.788 | 2.642 | 14.5 | 20.2 |

**489928** 2008 $RM_{17}$ 6 24.6 257°.78 1°.7/24.6 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.27 | −19 32.4 | 1.935 | 2.792 | 13.3 | 22.2 |
| 5 31 | 18 35.01 | −19 18.6 | 1.846 | 2.778 | 10.1 | 22.0 |
| 6 10 | 18 27.56 | −19 7.5 | 1.780 | 2.765 | 6.4 | 21.8 |
| 6 20 | 18 18.55 | −18 58.6 | 1.740 | 2.751 | 2.6 | 21.5 |
| 6 30 | 18 8.91 | −18 52.1 | 1.726 | 2.737 | 2.9 | 21.5 |
| 7 10 | 17 59.72 | −18 47.9 | 1.740 | 2.723 | 6.8 | 21.7 |
| 7 20 | 17 51.92 | −18 46.4 | 1.778 | 2.708 | 10.7 | 21.9 |
| 7 30 | 17 46.29 | −18 48.0 | 1.839 | 2.693 | 14.2 | 22.1 |

**77145** 2001 $ES_{5}$ 6 24.6 116°.09 1°.0/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.73 | −24 43.3 | 1.670 | 2.530 | 14.9 | 20.0 |
| 5 31 | 18 38.47 | −25 5.3 | 1.609 | 2.544 | 11.2 | 19.8 |
| 6 10 | 18 29.67 | −25 27.4 | 1.571 | 2.557 | 6.9 | 19.5 |
| 6 20 | 18 19.20 | −25 46.5 | 1.557 | 2.570 | 2.4 | 19.3 |
| 6 30 | 18 8.25 | −26 0.4 | 1.571 | 2.583 | 2.8 | 19.3 |
| 7 10 | 17 58.13 | −26 8.4 | 1.611 | 2.595 | 7.2 | 19.6 |
| 7 20 | 17 49.91 | −26 11.4 | 1.676 | 2.607 | 11.2 | 19.9 |
| 7 30 | 17 44.33 | −26 11.2 | 1.763 | 2.618 | 14.6 | 20.1 |

**303888** 2005 $TT_{87}$ 6 24.6 191°.37 4°.2/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.28 | −35 37.6 | 2.464 | 3.303 | 11.4 | 21.1 |
| 5 31 | 18 35.53 | −36 15.3 | 2.387 | 3.302 | 8.9 | 20.9 |
| 6 10 | 18 27.75 | −36 46.7 | 2.334 | 3.301 | 6.4 | 20.7 |
| 6 20 | 18 18.59 | −37 8.2 | 2.307 | 3.300 | 4.5 | 20.6 |
| 6 30 | 18 8.93 | −37 17.4 | 2.307 | 3.299 | 4.7 | 20.6 |
| 7 10 | 17 59.76 | −37 13.9 | 2.335 | 3.297 | 6.8 | 20.7 |
| 7 20 | 17 51.96 | −36 59.3 | 2.389 | 3.296 | 9.4 | 20.9 |
| 7 30 | 17 46.21 | −36 36.3 | 2.466 | 3.294 | 11.8 | 21.1 |

**472057** 2013 $YE_{61}$ 6 24.6 168°.65 2°.9/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.33 | −31 53.3 | 2.160 | 3.006 | 12.5 | 21.8 |
| 5 31 | 18 37.10 | −32 4.1 | 2.085 | 3.009 | 9.5 | 21.6 |
| 6 10 | 18 28.70 | −32 9.1 | 2.033 | 3.011 | 6.3 | 21.4 |
| 6 20 | 18 18.88 | −32 5.5 | 2.008 | 3.014 | 3.4 | 21.2 |
| 6 30 | 18 8.62 | −31 51.9 | 2.010 | 3.015 | 3.6 | 21.3 |
| 7 10 | 17 59.00 | −31 28.8 | 2.040 | 3.017 | 6.6 | 21.4 |
| 7 20 | 17 50.95 | −30 58.4 | 2.096 | 3.018 | 9.8 | 21.6 |
| 7 30 | 17 45.14 | −30 24.0 | 2.175 | 3.018 | 12.7 | 21.8 |

**254159** 2004 $PC_{94}$ 6 24.6 311°.31 4°.0/25.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.05 | −11 28.5 | 1.993 | 2.842 | 13.3 | 20.0 |
| 5 31 | 18 31.85 | −11 30.3 | 1.898 | 2.820 | 10.5 | 19.8 |
| 6 10 | 18 25.65 | −11 42.5 | 1.824 | 2.798 | 7.3 | 19.6 |
| 6 20 | 18 17.97 | −12 5.6 | 1.775 | 2.776 | 4.6 | 19.4 |
| 6 30 | 18 9.60 | −12 39.4 | 1.753 | 2.755 | 4.5 | 19.3 |
| 7 10 | 18 1.52 | −13 22.3 | 1.757 | 2.734 | 7.4 | 19.4 |
| 7 20 | 17 54.60 | −14 12.3 | 1.786 | 2.713 | 10.8 | 19.6 |
| 7 30 | 17 49.62 | −15 6.9 | 1.837 | 2.693 | 14.1 | 19.8 |

**175106** 2004 $KJ_{11}$ 6 24.6 2°.79 2°.1/24.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.04 | −27 34.4 | 1.921 | 2.784 | 13.2 | 20.1 |
| 5 31 | 18 34.16 | −28 5.6 | 1.848 | 2.783 | 9.9 | 19.9 |
| 6 10 | 18 27.05 | −28 35.5 | 1.798 | 2.783 | 6.3 | 19.7 |
| 6 20 | 18 18.39 | −29 1.0 | 1.773 | 2.784 | 2.8 | 19.5 |
| 6 30 | 18 9.17 | −29 19.5 | 1.775 | 2.784 | 3.2 | 19.5 |
| 7 10 | 18 0.52 | −29 30.1 | 1.803 | 2.785 | 6.8 | 19.7 |
| 7 20 | 17 53.39 | −29 33.5 | 1.856 | 2.786 | 10.3 | 19.9 |
| 7 30 | 17 48.54 | −29 31.4 | 1.932 | 2.788 | 13.5 | 20.1 |

**393881** 2005 $TM_{57}$ 6 24.6 51°.77 5°.5/23.9 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.90 | −37 30.1 | 2.131 | 2.973 | 12.8 | 20.9 |
| 5 31 | 18 36.31 | −38 25.2 | 2.066 | 2.979 | 10.2 | 20.7 |
| 6 10 | 18 28.37 | −39 12.3 | 2.023 | 2.985 | 7.5 | 20.5 |
| 6 20 | 18 18.81 | −39 46.7 | 2.005 | 2.991 | 5.7 | 20.4 |
| 6 30 | 18 8.69 | −40 4.9 | 2.014 | 2.998 | 6.0 | 20.5 |
| 7 10 | 17 59.20 | −40 6.6 | 2.049 | 3.004 | 8.0 | 20.6 |
| 7 20 | 17 51.36 | −39 53.6 | 2.108 | 3.011 | 10.6 | 20.8 |
| 7 30 | 17 45.93 | −39 29.6 | 2.190 | 3.017 | 13.1 | 21.0 |

**72358** 2001 $BH_{76}$ 6 24.6 62°.15 7°.9/24.8 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.58 | − 5 16.5 | 1.736 | 2.570 | 15.6 | 18.5 |
| 5 31 | 18 33.53 | − 4 11.0 | 1.682 | 2.583 | 12.8 | 18.3 |
| 6 10 | 18 26.48 | − 3 19.6 | 1.649 | 2.598 | 10.0 | 18.2 |
| 6 20 | 18 18.16 | − 2 45.6 | 1.639 | 2.612 | 8.2 | 18.1 |
| 6 30 | 18 9.52 | − 2 31.4 | 1.654 | 2.626 | 8.2 | 18.2 |
| 7 10 | 18 1.57 | − 2 36.7 | 1.694 | 2.640 | 10.1 | 18.3 |
| 7 20 | 17 55.13 | − 2 59.3 | 1.756 | 2.655 | 12.6 | 18.5 |
| 7 30 | 17 50.81 | − 3 35.8 | 1.839 | 2.669 | 15.2 | 18.7 |

**440193** 2004 $FW_{28}$ 6 24.6 141°.02 17°.6/29.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.63 | +13 40.5 | 1.223 | 1.991 | 24.4 | 20.7 |
| 5 31 | 18 38.94 | +14 35.5 | 1.171 | 1.998 | 22.1 | 20.5 |
| 6 10 | 18 30.24 | +14 51.6 | 1.133 | 2.004 | 19.9 | 20.4 |
| 6 20 | 18 19.46 | +14 20.7 | 1.111 | 2.010 | 18.2 | 20.3 |
| 6 30 | 18 7.99 | +12 59.8 | 1.107 | 2.015 | 17.6 | 20.3 |
| 7 10 | 17 57.41 | +10 53.2 | 1.123 | 2.020 | 18.3 | 20.3 |
| 7 20 | 17 49.01 | + 8 11.4 | 1.158 | 2.024 | 20.0 | 20.4 |
| 7 30 | 17 43.72 | + 5 8.1 | 1.211 | 2.028 | 22.2 | 20.6 |

**488458** 1995 $UD_{53}$ 6 24.6 267°.52 4°.6/24.2 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.62 | −35 51.9 | 2.229 | 3.072 | 12.3 | 21.7 |
| 5 31 | 18 36.06 | −36 27.7 | 2.145 | 3.062 | 9.7 | 21.5 |
| 6 10 | 18 28.22 | −36 56.7 | 2.085 | 3.053 | 6.9 | 21.3 |
| 6 20 | 18 18.79 | −37 14.8 | 2.050 | 3.044 | 4.9 | 21.2 |
| 6 30 | 18 8.74 | −37 19.3 | 2.042 | 3.035 | 5.1 | 21.2 |
| 7 10 | 17 59.19 | −37 9.8 | 2.061 | 3.025 | 7.4 | 21.3 |
| 7 20 | 17 51.14 | −36 48.0 | 2.105 | 3.016 | 10.3 | 21.5 |
| 7 30 | 17 45.37 | −36 17.3 | 2.172 | 3.006 | 13.0 | 21.6 |

**250782** 2005 $TU_{60}$ 6 24.6 186°.85 0°.6/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.55 | −25 20.1 | 2.827 | 3.673 | 9.9 | 21.8 |
| 5 31 | 18 33.06 | −25 25.6 | 2.745 | 3.672 | 7.4 | 21.7 |
| 6 10 | 18 26.05 | −25 30.1 | 2.687 | 3.671 | 4.6 | 21.5 |
| 6 20 | 18 18.03 | −25 32.4 | 2.657 | 3.670 | 1.6 | 21.2 |
| 6 30 | 18 9.66 | −25 31.8 | 2.656 | 3.668 | 1.8 | 21.3 |
| 7 10 | 18 1.68 | −25 28.1 | 2.684 | 3.666 | 4.8 | 21.5 |
| 7 20 | 17 54.72 | −25 21.9 | 2.740 | 3.664 | 7.7 | 21.7 |
| 7 30 | 17 49.33 | −25 14.2 | 2.820 | 3.661 | 10.2 | 21.8 |

**355734** 2008 $GF_{114}$ 6 24.6 166°.88 5°.4/23.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.93 | −42 1.5 | 2.929 | 3.741 | 10.5 | 21.7 |
| 5 31 | 18 37.33 | −42 46.3 | 2.856 | 3.745 | 8.6 | 21.5 |
| 6 10 | 18 28.78 | −43 22.0 | 2.808 | 3.749 | 6.7 | 21.4 |
| 6 20 | 18 18.92 | −43 44.8 | 2.786 | 3.753 | 5.5 | 21.3 |
| 6 30 | 18 8.61 | −43 52.6 | 2.791 | 3.756 | 5.7 | 21.4 |
| 7 10 | 17 58.80 | −43 45.1 | 2.824 | 3.759 | 7.1 | 21.5 |
| 7 20 | 17 50.33 | −43 24.2 | 2.883 | 3.761 | 8.9 | 21.6 |
| 7 30 | 17 43.84 | −42 53.0 | 2.965 | 3.762 | 10.8 | 21.7 |

**244334** 2002 $JE_{53}$ 6 24.6 76°.54 6°.9/24.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.56 | − 4 16.0 | 2.331 | 3.147 | 12.7 | 20.0 |
| 5 31 | 18 31.64 | − 3 11.7 | 2.267 | 3.156 | 10.5 | 19.8 |
| 6 10 | 18 25.18 | − 2 18.2 | 2.226 | 3.164 | 8.4 | 19.7 |
| 6 20 | 18 17.74 | − 1 38.5 | 2.210 | 3.173 | 7.0 | 19.6 |
| 6 30 | 18 10.03 | − 1 14.6 | 2.220 | 3.182 | 7.1 | 19.7 |
| 7 10 | 18 2.78 | − 1 6.8 | 2.256 | 3.190 | 8.6 | 19.8 |
| 7 20 | 17 56.64 | − 1 14.0 | 2.317 | 3.199 | 10.6 | 19.9 |
| 7 30 | 17 52.12 | − 1 34.1 | 2.399 | 3.208 | 12.7 | 20.1 |

**382991** 2005 $EJ_{88}$ 6 24.6 143°.10 0°.9/24.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.47 | −20 10.3 | 2.378 | 3.224 | 11.5 | 21.9 |
| 5 31 | 18 34.61 | −20 14.4 | 2.307 | 3.234 | 8.6 | 21.8 |
| 6 10 | 18 27.04 | −20 20.9 | 2.261 | 3.244 | 5.3 | 21.6 |
| 6 20 | 18 18.35 | −20 28.8 | 2.242 | 3.254 | 1.9 | 21.3 |
| 6 30 | 18 9.32 | −20 37.3 | 2.251 | 3.263 | 2.1 | 21.4 |
| 7 10 | 18 0.79 | −20 46.0 | 2.289 | 3.271 | 5.5 | 21.6 |
| 7 20 | 17 53.49 | −20 54.7 | 2.353 | 3.279 | 8.7 | 21.8 |
| 7 30 | 17 47.99 | −21 3.7 | 2.442 | 3.286 | 11.4 | 22.0 |

**362713** 2011 $UZ_{201}$ 6 24.6 180°.04 1°.1/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.62 | −19 34.6 | 2.818 | 3.661 | 10.0 | 23.0 |
| 5 31 | 18 32.32 | −19 30.1 | 2.737 | 3.662 | 7.5 | 22.8 |
| 6 10 | 18 25.57 | −19 27.7 | 2.680 | 3.663 | 4.7 | 22.7 |
| 6 20 | 18 17.88 | −19 26.8 | 2.652 | 3.663 | 1.8 | 22.5 |
| 6 30 | 18 9.86 | −19 27.2 | 2.652 | 3.663 | 2.0 | 22.5 |
| 7 10 | 18 2.21 | −19 28.8 | 2.681 | 3.662 | 4.9 | 22.7 |
| 7 20 | 17 55.53 | −19 31.5 | 2.738 | 3.661 | 7.7 | 22.9 |
| 7 30 | 17 50.33 | −19 35.6 | 2.819 | 3.660 | 10.2 | 23.0 |

**466100** 2012 $CN_{15}$ 6 24.6 81°.87 1°.0/24.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.96 | −21 0.0 | 1.465 | 2.332 | 16.3 | 21.7 |
| 5 31 | 18 37.98 | −20 58.0 | 1.413 | 2.351 | 12.1 | 21.5 |
| 6 10 | 18 29.38 | −20 59.0 | 1.382 | 2.370 | 7.5 | 21.3 |
| 6 20 | 18 19.12 | −21 1.6 | 1.375 | 2.388 | 2.6 | 21.1 |
| 6 30 | 18 8.49 | −21 4.6 | 1.394 | 2.407 | 2.9 | 21.1 |
| 7 10 | 17 58.85 | −21 7.7 | 1.439 | 2.425 | 7.6 | 21.5 |
| 7 20 | 17 51.26 | −21 11.4 | 1.508 | 2.443 | 11.8 | 21.8 |
| 7 30 | 17 46.43 | −21 16.2 | 1.597 | 2.461 | 15.4 | 22.0 |

**416309** 2003 $SV_{42}$ 6 24.6 245°.97 2°.5/24.6 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 42.88 | −18 14.6 | 1.734 | 2.590 | 14.6 | 21.7 |
| 5 31 | 18 37.23 | −17 50.8 | 1.644 | 2.575 | 11.2 | 21.4 |
| 6 10 | 18 29.08 | −17 30.3 | 1.577 | 2.560 | 7.2 | 21.2 |
| 6 20 | 18 19.11 | −17 13.3 | 1.534 | 2.544 | 3.3 | 20.9 |
| 6 30 | 18 8.37 | −17 0.4 | 1.518 | 2.527 | 3.6 | 20.9 |
| 7 10 | 17 58.10 | −16 51.9 | 1.528 | 2.510 | 7.8 | 21.1 |
| 7 20 | 17 49.41 | −16 48.5 | 1.564 | 2.492 | 12.0 | 21.3 |
| 7 30 | 17 43.19 | −16 50.5 | 1.620 | 2.474 | 15.8 | 21.5 |

**13585** Justinsmith 6 24.6 329°.80 2°.2/24.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.73 | −27 41.4 | 1.735 | 2.602 | 14.1 | 18.5 |
| 5 31 | 18 34.96 | −28 9.1 | 1.659 | 2.596 | 10.7 | 18.2 |
| 6 10 | 18 27.69 | −28 35.3 | 1.604 | 2.590 | 6.8 | 18.0 |
| 6 20 | 18 18.65 | −28 56.6 | 1.574 | 2.585 | 3.0 | 17.8 |
| 6 30 | 18 8.94 | −29 10.3 | 1.570 | 2.580 | 3.4 | 17.8 |
| 7 10 | 17 59.80 | −29 15.6 | 1.592 | 2.575 | 7.3 | 18.0 |
| 7 20 | 17 52.36 | −29 13.4 | 1.638 | 2.571 | 11.3 | 18.2 |
| 7 30 | 17 47.44 | −29 5.8 | 1.706 | 2.567 | 14.8 | 18.4 |

**23676** 1997 $GR_{25}$ 6 24.6 349°.48 1°.5/24.5 18 R

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.83 | −24 21.3 | 1.140 | 2.034 | 18.0 | 17.4 |
| 5 31 | 18 33.75 | −24 53.6 | 1.074 | 2.026 | 13.6 | 17.1 |
| 6 10 | 18 27.40 | −25 29.1 | 1.026 | 2.019 | 8.5 | 16.8 |
| 6 20 | 18 18.65 | −26 3.6 | 1.000 | 2.013 | 3.0 | 16.4 |
| 6 30 | 18 8.93 | −26 33.2 | 0.996 | 2.009 | 3.6 | 16.4 |
| 7 10 | 18 0.00 | −26 55.5 | 1.014 | 2.005 | 9.1 | 16.8 |
| 7 20 | 17 53.36 | −27 10.2 | 1.054 | 2.003 | 14.3 | 17.0 |
| 7 30 | 17 50.09 | −27 18.9 | 1.112 | 2.003 | 18.8 | 17.3 |

**303977** 2006 $BD_{47}$ 6 24.6 66°.93 0°.2/24.6 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.00 | −23 14.5 | 1.241 | 2.119 | 17.9 | 20.3 |
| 5 31 | 18 38.50 | −23 21.0 | 1.189 | 2.133 | 13.4 | 20.1 |
| 6 10 | 18 29.93 | −23 28.9 | 1.157 | 2.147 | 8.2 | 19.8 |
| 6 20 | 18 19.34 | −23 35.7 | 1.148 | 2.162 | 2.6 | 19.6 |
| 6 30 | 18 8.25 | −23 39.7 | 1.163 | 2.177 | 3.0 | 19.6 |
| 7 10 | 17 58.28 | −23 40.4 | 1.203 | 2.191 | 8.4 | 20.0 |
| 7 20 | 17 50.69 | −23 39.1 | 1.265 | 2.206 | 13.2 | 20.3 |
| 7 30 | 17 46.28 | −23 37.3 | 1.346 | 2.221 | 17.1 | 20.6 |

**215330** 2001 $UD_{61}$ 6 24.6 253°.39 2°.5/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.01 | −16 48.2 | 2.211 | 3.061 | 12.1 | 21.2 |
| 5 31 | 18 33.01 | −16 30.1 | 2.126 | 3.053 | 9.3 | 21.0 |
| 6 10 | 18 26.20 | −16 15.9 | 2.065 | 3.045 | 6.0 | 20.8 |
| 6 20 | 18 18.13 | −16 6.2 | 2.029 | 3.037 | 3.0 | 20.6 |
| 6 30 | 18 9.59 | −16 1.0 | 2.021 | 3.028 | 3.2 | 20.6 |
| 7 10 | 18 1.47 | −16 0.6 | 2.040 | 3.020 | 6.3 | 20.7 |
| 7 20 | 17 54.53 | −16 4.7 | 2.086 | 3.011 | 9.6 | 20.9 |
| 7 30 | 17 49.42 | −16 13.1 | 2.154 | 3.002 | 12.6 | 21.1 |

**25139** Roatsch 6 24.6 172°.36 2°.0/24.8 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.25 | −16 59.0 | 2.151 | 3.000 | 12.4 | 18.7 |
| 5 31 | 18 33.93 | −16 59.5 | 2.074 | 3.001 | 9.4 | 18.5 |
| 6 10 | 18 26.75 | −17 5.1 | 2.021 | 3.003 | 6.1 | 18.3 |
| 6 20 | 18 18.30 | −17 15.3 | 1.994 | 3.004 | 2.8 | 18.1 |
| 6 30 | 18 9.41 | −17 29.3 | 1.995 | 3.005 | 2.9 | 18.1 |
| 7 10 | 18 1.00 | −17 46.5 | 2.024 | 3.005 | 6.2 | 18.3 |
| 7 20 | 17 53.85 | −18 6.1 | 2.078 | 3.005 | 9.5 | 18.5 |
| 7 30 | 17 48.60 | −18 27.6 | 2.156 | 3.005 | 12.5 | 18.7 |

**382226** 2012 $RL_{10}$ 6 24.6 321°.48 3°.2/24.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.77 | −32 40.9 | 1.581 | 2.445 | 15.4 | 20.0 |
| 5 31 | 18 37.47 | −32 26.4 | 1.501 | 2.435 | 11.9 | 19.7 |
| 6 10 | 18 29.31 | −32 2.0 | 1.443 | 2.425 | 7.9 | 19.5 |
| 6 20 | 18 19.19 | −31 25.1 | 1.408 | 2.416 | 4.0 | 19.2 |
| 6 30 | 18 8.40 | −30 34.8 | 1.398 | 2.406 | 4.1 | 19.2 |
| 7 10 | 17 58.44 | −29 33.7 | 1.414 | 2.398 | 8.0 | 19.4 |
| 7 20 | 17 50.54 | −28 26.4 | 1.454 | 2.389 | 12.3 | 19.6 |
| 7 30 | 17 45.54 | −27 18.5 | 1.516 | 2.382 | 16.0 | 19.9 |

**257894** 2000 $SF_{351}$ 6 24.6 316°.04 0°.5/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.96 | −18 51.1 | 1.134 | 2.023 | 18.4 | 19.8 |
| 5 31 | 18 34.98 | −19 39.5 | 1.045 | 1.995 | 14.1 | 19.4 |
| 6 10 | 18 28.54 | −20 42.6 | 0.975 | 1.966 | 9.0 | 19.0 |
| 6 20 | 18 19.17 | −21 57.7 | 0.925 | 1.939 | 3.0 | 18.6 |
| 6 30 | 18 8.16 | −23 19.2 | 0.899 | 1.912 | 3.5 | 18.5 |
| 7 10 | 17 57.34 | −24 40.7 | 0.894 | 1.886 | 9.9 | 18.8 |
| 7 20 | 17 48.56 | −25 56.9 | 0.911 | 1.861 | 15.9 | 19.0 |
| 7 30 | 17 43.36 | −27 5.3 | 0.945 | 1.837 | 21.2 | 19.2 |

**384431** 2009 $XX_{22}$ 6 24.6 189°.29 0°.7/24.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.12 | −20 46.4 | 2.189 | 3.039 | 12.2 | 21.7 |
| 5 31 | 18 35.36 | −20 52.0 | 2.109 | 3.038 | 9.2 | 21.5 |
| 6 10 | 18 27.65 | −20 59.9 | 2.053 | 3.037 | 5.7 | 21.3 |
| 6 20 | 18 18.60 | −21 9.0 | 2.023 | 3.035 | 2.0 | 21.1 |
| 6 30 | 18 9.08 | −21 18.2 | 2.021 | 3.033 | 2.2 | 21.1 |
| 7 10 | 18 0.02 | −21 27.1 | 2.047 | 3.030 | 6.0 | 21.3 |
| 7 20 | 17 52.27 | −21 35.6 | 2.100 | 3.027 | 9.5 | 21.5 |
| 7 30 | 17 46.49 | −21 44.1 | 2.176 | 3.023 | 12.5 | 21.7 |

**176029** 2000 $SH_{95}$ 6 24.6 288°.92 0°.1/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.14 | −24 14.3 | 2.129 | 2.986 | 12.3 | 20.1 |
| 5 31 | 18 33.96 | −23 56.4 | 2.047 | 2.980 | 9.2 | 19.8 |
| 6 10 | 18 26.81 | −23 37.1 | 1.988 | 2.974 | 5.7 | 19.6 |
| 6 20 | 18 18.33 | −23 15.7 | 1.954 | 2.968 | 1.8 | 19.3 |
| 6 30 | 18 9.41 | −22 52.3 | 1.949 | 2.962 | 2.1 | 19.4 |
| 7 10 | 18 1.00 | −22 27.8 | 1.971 | 2.956 | 6.0 | 19.6 |
| 7 20 | 17 53.94 | −22 3.4 | 2.019 | 2.950 | 9.6 | 19.8 |
| 7 30 | 17 48.88 | −21 40.8 | 2.090 | 2.944 | 12.7 | 20.0 |

**433349** 2013 $RO_{81}$ 6 24.6 194°.40 1°.0/24.6 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.25 | −25 39.9 | 1.966 | 2.820 | 13.2 | 22.1 |
| 5 31 | 18 37.22 | −25 50.4 | 1.887 | 2.819 | 10.0 | 21.9 |
| 6 10 | 18 28.92 | −25 59.7 | 1.831 | 2.817 | 6.2 | 21.6 |
| 6 20 | 18 19.03 | −26 5.7 | 1.801 | 2.814 | 2.2 | 21.4 |
| 6 30 | 18 8.59 | −26 6.9 | 1.799 | 2.811 | 2.5 | 21.4 |
| 7 10 | 17 58.72 | −26 2.8 | 1.824 | 2.807 | 6.6 | 21.6 |
| 7 20 | 17 50.41 | −25 54.7 | 1.875 | 2.803 | 10.4 | 21.9 |
| 7 30 | 17 44.41 | −25 44.4 | 1.948 | 2.798 | 13.7 | 22.1 |

**107885** 2001 $FY_{91}$ 6 24.6 350°.01 1°.3/24.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.40 | −24 37.2 | 1.634 | 2.504 | 14.7 | 19.2 |
| 5 31 | 18 34.79 | −25 11.1 | 1.561 | 2.501 | 11.0 | 18.9 |
| 6 10 | 18 27.63 | −25 46.7 | 1.510 | 2.498 | 6.9 | 18.7 |
| 6 20 | 18 18.67 | −26 20.7 | 1.484 | 2.496 | 2.5 | 18.4 |
| 6 30 | 18 9.01 | −26 50.1 | 1.483 | 2.495 | 2.9 | 18.4 |
| 7 10 | 17 59.95 | −27 13.0 | 1.508 | 2.493 | 7.4 | 18.7 |
| 7 20 | 17 52.62 | −27 29.4 | 1.557 | 2.493 | 11.5 | 19.0 |
| 7 30 | 17 47.87 | −27 40.4 | 1.627 | 2.492 | 15.1 | 19.2 |

**501336** 2013 $XT_{20}$ 6 24.6 203°.61 10°.7/21.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 57.14 | −53 5.2 | 2.356 | 3.122 | 14.0 | 21.5 |
| 5 31 | 18 49.00 | −54 57.6 | 2.287 | 3.118 | 12.5 | 21.4 |
| 6 10 | 18 36.98 | −56 34.9 | 2.240 | 3.112 | 11.3 | 21.3 |
| 6 20 | 18 21.85 | −57 48.1 | 2.216 | 3.106 | 10.7 | 21.3 |
| 6 30 | 18 5.14 | −58 30.5 | 2.217 | 3.100 | 11.1 | 21.3 |
| 7 10 | 17 48.90 | −58 40.5 | 2.242 | 3.092 | 12.1 | 21.3 |
| 7 20 | 17 35.06 | −58 21.4 | 2.287 | 3.084 | 13.6 | 21.4 |
| 7 30 | 17 24.99 | −57 40.4 | 2.352 | 3.076 | 15.2 | 21.5 |

**452729** 2006 $AR_{66}$ 6 24.6 221°.76 1°.5/24.8 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.68 | −17 51.7 | 2.767 | 3.611 | 10.1 | 22.6 |
| 5 31 | 18 31.71 | −17 50.3 | 2.680 | 3.604 | 7.7 | 22.4 |
| 6 10 | 18 25.27 | −17 52.3 | 2.617 | 3.598 | 4.9 | 22.2 |
| 6 20 | 18 17.83 | −17 57.2 | 2.581 | 3.591 | 2.2 | 22.0 |
| 6 30 | 18 10.01 | −18 4.7 | 2.574 | 3.584 | 2.3 | 22.0 |
| 7 10 | 18 2.52 | −18 14.4 | 2.596 | 3.576 | 5.1 | 22.2 |
| 7 20 | 17 55.96 | −18 25.9 | 2.644 | 3.568 | 7.9 | 22.3 |
| 7 30 | 17 50.86 | −18 39.1 | 2.717 | 3.560 | 10.4 | 22.5 |

**195503** 2002 $GJ_{174}$ 6 24.6 147°.54 4°.9/25.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.62 | − 9 42.2 | 2.056 | 2.891 | 13.5 | 20.6 |
| 5 31 | 18 34.18 | − 9 21.9 | 1.986 | 2.898 | 10.6 | 20.4 |
| 6 10 | 18 26.88 | − 9 11.4 | 1.939 | 2.904 | 7.6 | 20.2 |
| 6 20 | 18 18.35 | − 9 12.1 | 1.917 | 2.910 | 5.3 | 20.1 |
| 6 30 | 18 9.43 | − 9 24.0 | 1.922 | 2.915 | 5.3 | 20.1 |
| 7 10 | 18 1.02 | − 9 46.5 | 1.953 | 2.920 | 7.6 | 20.2 |
| 7 20 | 17 53.92 | −10 17.8 | 2.010 | 2.924 | 10.5 | 20.4 |
| 7 30 | 17 48.73 | −10 55.8 | 2.090 | 2.929 | 13.3 | 20.6 |

**62858** 2000 $UT_{78}$ 6 24.6 29°.17 2°.8/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.28 | −29 6.3 | 1.903 | 2.765 | 13.3 | 18.5 |
| 5 31 | 18 34.36 | −29 45.4 | 1.838 | 2.772 | 10.0 | 18.3 |
| 6 10 | 18 27.19 | −30 21.9 | 1.795 | 2.778 | 6.5 | 18.1 |
| 6 20 | 18 18.49 | −30 52.4 | 1.777 | 2.786 | 3.3 | 17.9 |
| 6 30 | 18 9.27 | −31 14.0 | 1.786 | 2.793 | 3.7 | 17.9 |
| 7 10 | 18 0.69 | −31 25.9 | 1.822 | 2.801 | 6.9 | 18.2 |
| 7 20 | 17 53.69 | −31 28.7 | 1.882 | 2.809 | 10.4 | 18.4 |
| 7 30 | 17 49.00 | −31 24.8 | 1.964 | 2.818 | 13.4 | 18.6 |

**468625** 2008 $HW_{18}$ 6 24.6 347°.62 0°.3/24.6 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.20 | −23 47.4 | 1.196 | 2.087 | 17.5 | 20.6 |
| 5 31 | 18 33.83 | −23 48.7 | 1.128 | 2.078 | 13.2 | 20.3 |
| 6 10 | 18 27.36 | −23 51.1 | 1.079 | 2.071 | 8.2 | 20.0 |
| 6 20 | 18 18.64 | −23 52.5 | 1.051 | 2.065 | 2.7 | 19.7 |
| 6 30 | 18 9.07 | −23 51.4 | 1.046 | 2.060 | 3.1 | 19.7 |
| 7 10 | 18 0.30 | −23 47.5 | 1.065 | 2.056 | 8.7 | 20.0 |
| 7 20 | 17 53.72 | −23 42.0 | 1.104 | 2.053 | 13.8 | 20.3 |
| 7 30 | 17 50.33 | −23 36.4 | 1.162 | 2.052 | 18.2 | 20.5 |

**47622** 2000 $BQ_{32}$ 6 24.6 334°.71 0°.4/24.6 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.17 | −22 5.3 | 1.798 | 2.663 | 13.8 | 19.6 |
| 5 31 | 18 34.31 | −22 9.5 | 1.723 | 2.660 | 10.4 | 19.4 |
| 6 10 | 18 27.18 | −22 15.6 | 1.670 | 2.657 | 6.4 | 19.1 |
| 6 20 | 18 18.50 | −22 22.3 | 1.641 | 2.655 | 2.1 | 18.8 |
| 6 30 | 18 9.25 | −22 28.3 | 1.640 | 2.653 | 2.4 | 18.9 |
| 7 10 | 18 0.58 | −22 33.3 | 1.664 | 2.651 | 6.7 | 19.1 |
| 7 20 | 17 53.45 | −22 37.4 | 1.714 | 2.649 | 10.7 | 19.4 |
| 7 30 | 17 48.61 | −22 41.3 | 1.785 | 2.647 | 14.2 | 19.6 |

**234349** 2001 $FT_{167}$ 6 24.6 135°.98 6°.2/23.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 46.53 | −40 9.0 | 2.226 | 3.053 | 12.9 | 20.5 |
| 5 31 | 18 39.76 | −41 6.4 | 2.162 | 3.063 | 10.4 | 20.4 |
| 6 10 | 18 30.51 | −41 53.9 | 2.122 | 3.073 | 8.0 | 20.2 |
| 6 20 | 18 19.56 | −42 26.3 | 2.106 | 3.082 | 6.4 | 20.2 |
| 6 30 | 18 8.06 | −42 40.2 | 2.118 | 3.091 | 6.6 | 20.2 |
| 7 10 | 17 57.26 | −42 35.3 | 2.156 | 3.100 | 8.4 | 20.3 |
| 7 20 | 17 48.24 | −42 14.2 | 2.218 | 3.108 | 10.7 | 20.5 |
| 7 30 | 17 41.76 | −41 41.5 | 2.303 | 3.115 | 13.1 | 20.6 |

**434115** 2002 $PW_{104}$ 6 24.6 309°.81 6°.2/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.74 | −10 4.5 | 1.684 | 2.537 | 15.2 | 20.8 |
| 5 31 | 18 32.69 | − 9 18.2 | 1.593 | 2.514 | 12.2 | 20.5 |
| 6 10 | 18 26.34 | − 8 41.3 | 1.523 | 2.491 | 9.0 | 20.3 |
| 6 20 | 18 18.29 | − 8 16.6 | 1.476 | 2.468 | 6.6 | 20.1 |
| 6 30 | 18 9.47 | − 8 6.7 | 1.454 | 2.446 | 6.7 | 20.1 |
| 7 10 | 18 1.01 | − 8 12.2 | 1.457 | 2.425 | 9.5 | 20.2 |
| 7 20 | 17 53.95 | − 8 32.3 | 1.482 | 2.403 | 13.1 | 20.3 |
| 7 30 | 17 49.14 | − 9 4.9 | 1.528 | 2.382 | 16.5 | 20.5 |

**237535** 2000 $SR_{376}$ 6 24.6 292°.35 8°.4/22.8 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.85 | −40 1.2 | 1.694 | 2.538 | 15.5 | 20.2 |
| 5 31 | 18 40.57 | −41 28.2 | 1.602 | 2.513 | 12.8 | 20.0 |
| 6 10 | 18 31.81 | −42 48.0 | 1.532 | 2.487 | 10.2 | 19.8 |
| 6 20 | 18 20.21 | −43 52.0 | 1.485 | 2.461 | 8.5 | 19.6 |
| 6 30 | 18 7.11 | −44 32.3 | 1.463 | 2.435 | 9.1 | 19.6 |
| 7 10 | 17 54.32 | −44 45.3 | 1.464 | 2.408 | 11.5 | 19.6 |
| 7 20 | 17 43.61 | −44 32.8 | 1.488 | 2.382 | 14.7 | 19.8 |
| 7 30 | 17 36.35 | −44 0.6 | 1.531 | 2.356 | 17.9 | 19.9 |

**359433** 2010 $MO_{33}$ 6 24.6 317°.77 5°.0/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.87 | −11 30.8 | 1.911 | 2.762 | 13.7 | 20.3 |
| 5 31 | 18 31.71 | −10 52.8 | 1.825 | 2.746 | 10.8 | 20.1 |
| 6 10 | 18 25.56 | −10 22.6 | 1.760 | 2.731 | 7.8 | 19.9 |
| 6 20 | 18 18.00 | −10 2.3 | 1.720 | 2.716 | 5.4 | 19.7 |
| 6 30 | 18 9.86 | − 9 53.4 | 1.706 | 2.701 | 5.5 | 19.7 |
| 7 10 | 18 2.11 | − 9 56.3 | 1.717 | 2.687 | 8.1 | 19.8 |
| 7 20 | 17 55.63 | −10 10.3 | 1.752 | 2.673 | 11.4 | 20.0 |
| 7 30 | 17 51.13 | −10 33.8 | 1.809 | 2.660 | 14.5 | 20.1 |

**479903** 2014 $HR_{40}$ 6 24.6 138°.12 5°.2/24.9 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.80 | − 8 0.5 | 2.334 | 3.162 | 12.3 | 22.1 |
| 5 31 | 18 31.91 | − 7 29.2 | 2.262 | 3.166 | 9.8 | 21.9 |
| 6 10 | 18 25.42 | − 7 7.4 | 2.212 | 3.169 | 7.3 | 21.8 |
| 6 20 | 18 17.90 | − 6 56.5 | 2.188 | 3.173 | 5.5 | 21.7 |
| 6 30 | 18 10.03 | − 6 57.5 | 2.191 | 3.176 | 5.5 | 21.7 |
| 7 10 | 18 2.59 | − 7 9.9 | 2.221 | 3.179 | 7.3 | 21.8 |
| 7 20 | 17 56.24 | − 7 32.6 | 2.276 | 3.182 | 9.8 | 21.9 |
| 7 30 | 17 51.54 | − 8 3.6 | 2.354 | 3.185 | 12.2 | 22.1 |

**331620** 2002 $AY_{102}$ 6 24.6 257°.11 1°.2/24.5 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.07 | −25 37.3 | 1.905 | 2.763 | 13.5 | 21.1 |
| 5 31 | 18 36.60 | −25 55.4 | 1.814 | 2.747 | 10.2 | 20.8 |
| 6 10 | 18 28.71 | −26 13.4 | 1.746 | 2.732 | 6.4 | 20.6 |
| 6 20 | 18 19.05 | −26 28.6 | 1.704 | 2.716 | 2.3 | 20.3 |
| 6 30 | 18 8.62 | −26 38.8 | 1.688 | 2.700 | 2.7 | 20.3 |
| 7 10 | 17 58.61 | −26 43.1 | 1.700 | 2.683 | 6.9 | 20.5 |
| 7 20 | 17 50.12 | −26 42.3 | 1.737 | 2.667 | 10.9 | 20.7 |
| 7 30 | 17 44.00 | −26 37.9 | 1.796 | 2.650 | 14.5 | 20.9 |

**473288** 2015 $PT_{281}$ 6 24.6 301°.49 1°.7/24.3 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.85 | −25 40.9 | 2.105 | 2.963 | 12.3 | 21.3 |
| 5 31 | 18 34.12 | −26 22.5 | 2.006 | 2.939 | 9.3 | 21.1 |
| 6 10 | 18 27.18 | −27 6.1 | 1.929 | 2.915 | 5.9 | 20.8 |
| 6 20 | 18 18.57 | −27 48.3 | 1.879 | 2.891 | 2.4 | 20.5 |
| 6 30 | 18 9.14 | −28 26.3 | 1.856 | 2.867 | 2.9 | 20.5 |
| 7 10 | 17 59.95 | −28 57.7 | 1.861 | 2.842 | 6.6 | 20.7 |
| 7 20 | 17 52.01 | −29 22.0 | 1.891 | 2.819 | 10.3 | 20.9 |
| 7 30 | 17 46.16 | −29 39.9 | 1.944 | 2.795 | 13.6 | 21.1 |

**507530** 2012 $WZ_{7}$ 6 24.6 226°.45 3°.4/24.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.34 | −31 57.2 | 2.339 | 3.184 | 11.7 | 22.6 |
| 5 31 | 18 36.48 | −32 38.4 | 2.253 | 3.175 | 9.0 | 22.4 |
| 6 10 | 18 28.47 | −33 16.0 | 2.191 | 3.166 | 6.1 | 22.2 |
| 6 20 | 18 18.94 | −33 46.2 | 2.155 | 3.157 | 3.7 | 22.0 |
| 6 30 | 18 8.77 | −34 6.2 | 2.147 | 3.147 | 4.0 | 22.0 |
| 7 10 | 17 59.00 | −34 15.0 | 2.166 | 3.137 | 6.7 | 22.2 |
| 7 20 | 17 50.58 | −34 13.4 | 2.212 | 3.126 | 9.7 | 22.3 |
| 7 30 | 17 44.26 | −34 3.8 | 2.281 | 3.115 | 12.5 | 22.5 |

**511165** 2013 $YS_{45}$ 6 24.6 293°.66 2°.9/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.68 | −28 31.2 | 1.630 | 2.496 | 14.9 | 20.9 |
| 5 31 | 18 36.88 | −29 4.5 | 1.537 | 2.473 | 11.4 | 20.6 |
| 6 10 | 18 29.20 | −29 36.7 | 1.465 | 2.450 | 7.4 | 20.3 |
| 6 20 | 18 19.29 | −30 3.4 | 1.417 | 2.427 | 3.6 | 20.0 |
| 6 30 | 18 8.32 | −30 20.9 | 1.395 | 2.404 | 4.0 | 20.0 |
| 7 10 | 17 57.73 | −30 27.5 | 1.399 | 2.381 | 8.3 | 20.2 |
| 7 20 | 17 48.90 | −30 23.9 | 1.425 | 2.358 | 12.7 | 20.4 |
| 7 30 | 17 42.92 | −30 13.1 | 1.473 | 2.335 | 16.6 | 20.6 |

**389453** 2010 $DW_{4}$ 6 24.6 97°.78 2°.1/24.9 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 40.00 | −17 6.1 | 1.864 | 2.719 | 13.8 | 20.7 |
| 5 31 | 18 34.71 | −17 10.8 | 1.797 | 2.727 | 10.4 | 20.5 |
| 6 10 | 18 27.33 | −17 21.4 | 1.752 | 2.735 | 6.7 | 20.3 |
| 6 20 | 18 18.56 | −17 37.3 | 1.733 | 2.743 | 3.0 | 20.1 |
| 6 30 | 18 9.33 | −17 57.2 | 1.740 | 2.750 | 3.0 | 20.1 |
| 7 10 | 18 0.70 | −18 20.0 | 1.775 | 2.758 | 6.7 | 20.4 |
| 7 20 | 17 53.56 | −18 44.8 | 1.835 | 2.766 | 10.4 | 20.6 |
| 7 30 | 17 48.59 | −19 10.7 | 1.917 | 2.773 | 13.6 | 20.8 |

**373602** 2002 $CM_{239}$ 6 24.6 146°.23 1°.6/24.6 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.79 | −28 2.9 | 2.332 | 3.176 | 11.8 | 22.1 |
| 5 31 | 18 37.21 | −28 13.6 | 2.262 | 3.188 | 8.8 | 21.9 |
| 6 10 | 18 28.71 | −28 21.2 | 2.217 | 3.199 | 5.6 | 21.7 |
| 6 20 | 18 18.97 | −28 23.8 | 2.199 | 3.209 | 2.3 | 21.5 |
| 6 30 | 18 8.88 | −28 20.0 | 2.209 | 3.219 | 2.5 | 21.5 |
| 7 10 | 17 59.40 | −28 10.0 | 2.248 | 3.228 | 5.8 | 21.8 |
| 7 20 | 17 51.34 | −27 55.3 | 2.314 | 3.236 | 9.0 | 22.0 |
| 7 30 | 17 45.31 | −27 37.7 | 2.404 | 3.244 | 11.7 | 22.2 |

**230367** 2002 $EK_{138}$ 6 24.6 236°.34 2°.8/24.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.61 | −15 41.1 | 1.854 | 2.708 | 13.9 | 20.5 |
| 5 31 | 18 34.54 | −15 36.5 | 1.776 | 2.704 | 10.7 | 20.3 |
| 6 10 | 18 27.32 | −15 38.7 | 1.720 | 2.701 | 7.0 | 20.1 |
| 6 20 | 18 18.60 | −15 47.6 | 1.689 | 2.697 | 3.5 | 19.8 |
| 6 30 | 18 9.32 | −16 2.8 | 1.685 | 2.693 | 3.6 | 19.8 |
| 7 10 | 18 0.53 | −16 23.3 | 1.708 | 2.689 | 7.1 | 20.0 |
| 7 20 | 17 53.18 | −16 47.9 | 1.755 | 2.685 | 10.8 | 20.2 |
| 7 30 | 17 47.99 | −17 15.7 | 1.825 | 2.681 | 14.2 | 20.5 |

**257712** 1999 $XG_{123}$ 6 24.6 248°.08 1°.9/24.6 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.29 | −28 17.8 | 1.891 | 2.743 | 13.8 | 21.3 |
| 5 31 | 18 39.12 | −28 26.4 | 1.795 | 2.725 | 10.5 | 21.0 |
| 6 10 | 18 30.34 | −28 31.6 | 1.722 | 2.706 | 6.7 | 20.7 |
| 6 20 | 18 19.63 | −28 30.5 | 1.675 | 2.686 | 2.8 | 20.5 |
| 6 30 | 18 8.08 | −28 21.0 | 1.655 | 2.665 | 3.1 | 20.4 |
| 7 10 | 17 56.98 | −28 3.1 | 1.662 | 2.644 | 7.2 | 20.6 |
| 7 20 | 17 47.52 | −27 38.7 | 1.695 | 2.622 | 11.3 | 20.8 |
| 7 30 | 17 40.62 | −27 10.9 | 1.750 | 2.599 | 15.0 | 21.0 |

**334791** 2003 $SF_{174}$ 6 24.6 218°.85 6°.4/24.8 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.37 | − 5 34.3 | 2.229 | 3.049 | 13.1 | 21.0 |
| 5 31 | 18 33.23 | − 4 51.9 | 2.147 | 3.042 | 10.7 | 20.9 |
| 6 10 | 18 26.34 | − 4 20.3 | 2.089 | 3.036 | 8.3 | 20.7 |
| 6 20 | 18 18.26 | − 4 1.9 | 2.055 | 3.029 | 6.7 | 20.6 |
| 6 30 | 18 9.73 | − 3 58.2 | 2.047 | 3.021 | 6.7 | 20.6 |
| 7 10 | 18 1.58 | − 4 9.2 | 2.066 | 3.014 | 8.4 | 20.7 |
| 7 20 | 17 54.56 | − 4 33.7 | 2.109 | 3.006 | 10.9 | 20.8 |
| 7 30 | 17 49.28 | − 5 9.3 | 2.175 | 2.997 | 13.4 | 20.9 |

**184432** 2005 $NX_{19}$ 6 24.6 89°.35 0°.8/24.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.05 | −21 31.1 | 1.579 | 2.443 | 15.4 | 20.9 |
| 5 31 | 18 37.26 | −21 26.3 | 1.520 | 2.457 | 11.5 | 20.7 |
| 6 10 | 18 29.00 | −21 23.7 | 1.483 | 2.470 | 7.1 | 20.4 |
| 6 20 | 18 19.12 | −21 21.9 | 1.471 | 2.484 | 2.4 | 20.2 |
| 6 30 | 18 8.82 | −21 20.3 | 1.485 | 2.497 | 2.7 | 20.2 |
| 7 10 | 17 59.38 | −21 18.6 | 1.524 | 2.510 | 7.3 | 20.5 |
| 7 20 | 17 51.83 | −21 17.5 | 1.588 | 2.523 | 11.4 | 20.8 |
| 7 30 | 17 46.89 | −21 17.9 | 1.674 | 2.536 | 14.9 | 21.1 |

**289489** 2005 $EH_{105}$ 6 24.6 255°.83 2°.8/24.9 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.83 | −16 17.2 | 1.541 | 2.403 | 15.9 | 20.9 |
| 5 31 | 18 36.74 | −16 19.3 | 1.459 | 2.392 | 12.2 | 20.6 |
| 6 10 | 18 28.97 | −16 29.7 | 1.398 | 2.381 | 7.9 | 20.4 |
| 6 20 | 18 19.21 | −16 47.9 | 1.360 | 2.370 | 3.7 | 20.1 |
| 6 30 | 18 8.60 | −17 12.8 | 1.349 | 2.358 | 3.8 | 20.1 |
| 7 10 | 17 58.49 | −17 42.6 | 1.362 | 2.347 | 8.2 | 20.3 |
| 7 20 | 17 50.10 | −18 15.9 | 1.400 | 2.335 | 12.7 | 20.5 |
| 7 30 | 17 44.38 | −18 51.3 | 1.458 | 2.323 | 16.6 | 20.7 |

**420414** 2012 $DO_{10}$ 6 24.6 169°.56 3°.7/24.3 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.13 | −31 6.2 | 1.705 | 2.560 | 14.9 | 21.9 |
| 5 31 | 18 39.86 | −31 45.1 | 1.634 | 2.563 | 11.4 | 21.7 |
| 6 10 | 18 30.79 | −32 19.3 | 1.586 | 2.566 | 7.6 | 21.5 |
| 6 20 | 18 19.76 | −32 44.2 | 1.562 | 2.568 | 4.2 | 21.3 |
| 6 30 | 18 8.04 | −32 56.1 | 1.565 | 2.569 | 4.6 | 21.3 |
| 7 10 | 17 57.06 | −32 54.4 | 1.594 | 2.570 | 8.1 | 21.5 |
| 7 20 | 17 48.07 | −32 41.2 | 1.647 | 2.571 | 11.8 | 21.8 |
| 7 30 | 17 41.93 | −32 20.4 | 1.722 | 2.571 | 15.2 | 22.0 |

**245607** 2005 $WE_{36}$ 6 24.6 141°.40 0°.4/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.22 | −23 14.2 | 2.574 | 3.424 | 10.6 | 20.4 |
| 5 31 | 18 33.00 | −23 38.2 | 2.499 | 3.428 | 7.9 | 20.2 |
| 6 10 | 18 26.14 | −24 3.4 | 2.448 | 3.433 | 4.9 | 20.0 |
| 6 20 | 18 18.19 | −24 28.0 | 2.424 | 3.437 | 1.6 | 19.8 |
| 6 30 | 18 9.86 | −24 50.4 | 2.429 | 3.441 | 1.9 | 19.8 |
| 7 10 | 18 1.92 | −25 9.9 | 2.462 | 3.445 | 5.1 | 20.1 |
| 7 20 | 17 55.08 | −25 26.2 | 2.522 | 3.449 | 8.1 | 20.3 |
| 7 30 | 17 49.89 | −25 39.6 | 2.607 | 3.452 | 10.7 | 20.4 |

**150186** 1998 $KF_{43}$ 6 24.6 294°.14 2°.3/25.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 37.47 | −15 3.2 | 2.141 | 2.991 | 12.5 | 20.2 |
| 5 31 | 18 32.81 | −15 20.8 | 2.052 | 2.978 | 9.6 | 20.0 |
| 6 10 | 18 26.23 | −15 46.2 | 1.986 | 2.966 | 6.3 | 19.7 |
| 6 20 | 18 18.27 | −16 18.8 | 1.945 | 2.954 | 3.1 | 19.5 |
| 6 30 | 18 9.73 | −16 57.2 | 1.932 | 2.941 | 3.0 | 19.5 |
| 7 10 | 18 1.51 | −17 39.7 | 1.947 | 2.929 | 6.3 | 19.7 |
| 7 20 | 17 54.45 | −18 24.3 | 1.987 | 2.917 | 9.8 | 19.9 |
| 7 30 | 17 49.24 | −19 9.7 | 2.051 | 2.905 | 12.9 | 20.0 |

**383202** 2005 $YV_{44}$ 6 24.6 242°.21 0°.7/24.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.55 | −21 30.4 | 1.992 | 2.846 | 13.1 | 21.3 |
| 5 31 | 18 36.01 | −21 28.5 | 1.903 | 2.834 | 9.9 | 21.1 |
| 6 10 | 18 28.27 | −21 28.3 | 1.836 | 2.821 | 6.2 | 20.9 |
| 6 20 | 18 18.94 | −21 28.7 | 1.795 | 2.808 | 2.1 | 20.6 |
| 6 30 | 18 8.97 | −21 28.9 | 1.782 | 2.794 | 2.4 | 20.6 |
| 7 10 | 17 59.43 | −21 28.6 | 1.796 | 2.780 | 6.5 | 20.8 |
| 7 20 | 17 51.28 | −21 28.3 | 1.836 | 2.765 | 10.4 | 21.0 |
| 7 30 | 17 45.32 | −21 28.8 | 1.898 | 2.750 | 13.9 | 21.2 |

**116871** 2004 $FM_{107}$ 6 24.6 43°.82 1°.6/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.55 | −19 49.0 | 1.845 | 2.707 | 13.6 | 19.8 |
| 5 31 | 18 33.63 | −19 35.0 | 1.781 | 2.716 | 10.2 | 19.6 |
| 6 10 | 18 26.67 | −19 23.9 | 1.740 | 2.726 | 6.4 | 19.4 |
| 6 20 | 18 18.37 | −19 15.5 | 1.725 | 2.736 | 2.5 | 19.1 |
| 6 30 | 18 9.71 | −19 9.5 | 1.735 | 2.747 | 2.7 | 19.2 |
| 7 10 | 18 1.70 | −19 6.1 | 1.773 | 2.757 | 6.6 | 19.4 |
| 7 20 | 17 55.19 | −19 5.5 | 1.835 | 2.768 | 10.2 | 19.7 |
| 7 30 | 17 50.84 | −19 7.7 | 1.919 | 2.780 | 13.4 | 19.9 |

**177154** 2003 $SH_{16}$ 6 24.6 284°.06 1°.5/24.6 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.05 | −26 14.0 | 1.477 | 2.347 | 16.0 | 20.3 |
| 5 31 | 18 38.12 | −26 26.7 | 1.384 | 2.324 | 12.2 | 20.0 |
| 6 10 | 18 30.09 | −26 38.5 | 1.313 | 2.301 | 7.7 | 19.7 |
| 6 20 | 18 19.65 | −26 46.2 | 1.265 | 2.278 | 2.9 | 19.3 |
| 6 30 | 18 8.08 | −26 47.0 | 1.242 | 2.254 | 3.3 | 19.3 |
| 7 10 | 17 56.95 | −26 40.2 | 1.245 | 2.231 | 8.5 | 19.5 |
| 7 20 | 17 47.73 | −26 27.1 | 1.270 | 2.207 | 13.5 | 19.7 |
| 7 30 | 17 41.59 | −26 10.8 | 1.315 | 2.184 | 17.8 | 19.9 |

**390049** 2012 $UF_{72}$ 6 24.6 281°.11 0°.3/24.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.90 | −22 36.6 | 1.853 | 2.715 | 13.6 | 21.3 |
| 5 31 | 18 34.93 | −22 38.7 | 1.767 | 2.703 | 10.3 | 21.1 |
| 6 10 | 18 27.67 | −22 42.0 | 1.704 | 2.691 | 6.4 | 20.8 |
| 6 20 | 18 18.76 | −22 45.3 | 1.667 | 2.680 | 2.1 | 20.5 |
| 6 30 | 18 9.19 | −22 47.4 | 1.655 | 2.668 | 2.4 | 20.5 |
| 7 10 | 18 0.10 | −22 48.0 | 1.671 | 2.657 | 6.8 | 20.7 |
| 7 20 | 17 52.50 | −22 47.5 | 1.711 | 2.645 | 10.8 | 21.0 |
| 7 30 | 17 47.18 | −22 47.0 | 1.774 | 2.634 | 14.3 | 21.2 |

**59817** 1999 $RC_{21}$ 6 24.6 241°.89 7°.6/25.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.75 | + 0 14.8 | 2.502 | 3.297 | 12.5 | 19.4 |
| 5 31 | 18 31.12 | + 0 58.4 | 2.422 | 3.290 | 10.7 | 19.3 |
| 6 10 | 18 24.98 | + 1 28.9 | 2.365 | 3.283 | 8.9 | 19.2 |
| 6 20 | 18 17.83 | + 1 43.6 | 2.331 | 3.276 | 7.7 | 19.1 |
| 6 30 | 18 10.30 | + 1 40.9 | 2.323 | 3.269 | 7.7 | 19.1 |
| 7 10 | 18 3.09 | + 1 21.0 | 2.340 | 3.262 | 8.9 | 19.1 |
| 7 20 | 17 56.84 | + 0 45.7 | 2.382 | 3.254 | 10.7 | 19.2 |
| 7 30 | 17 52.09 | − 0 2.4 | 2.445 | 3.247 | 12.7 | 19.3 |

**498770** 2008 $UE_{82}$ 6 24.6 151°.85 4°.6/23.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.53 | −33 54.9 | 2.085 | 2.929 | 13.0 | 21.5 |
| 5 31 | 18 38.34 | −34 53.5 | 2.015 | 2.935 | 10.1 | 21.3 |
| 6 10 | 18 29.72 | −35 46.7 | 1.968 | 2.939 | 7.1 | 21.1 |
| 6 20 | 18 19.41 | −36 29.7 | 1.948 | 2.944 | 4.8 | 21.0 |
| 6 30 | 18 8.47 | −36 58.7 | 1.954 | 2.948 | 5.1 | 21.0 |
| 7 10 | 17 58.11 | −37 12.4 | 1.988 | 2.952 | 7.7 | 21.2 |
| 7 20 | 17 49.39 | −37 12.3 | 2.047 | 2.955 | 10.6 | 21.4 |
| 7 30 | 17 43.11 | −37 1.7 | 2.128 | 2.959 | 13.4 | 21.6 |

**476143** 2007 $TF_{295}$ 6 24.6 260°.30 4°.1/24.7 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.53 | −13 7.2 | 2.052 | 2.897 | 13.1 | 21.8 |
| 5 31 | 18 33.57 | −12 36.7 | 1.966 | 2.886 | 10.2 | 21.6 |
| 6 10 | 18 26.67 | −12 12.7 | 1.902 | 2.875 | 7.1 | 21.4 |
| 6 20 | 18 18.41 | −11 56.5 | 1.864 | 2.864 | 4.5 | 21.2 |
| 6 30 | 18 9.62 | −11 49.0 | 1.853 | 2.853 | 4.6 | 21.2 |
| 7 10 | 18 1.23 | −11 50.6 | 1.869 | 2.841 | 7.4 | 21.4 |
| 7 20 | 17 54.09 | −12 0.6 | 1.909 | 2.830 | 10.6 | 21.5 |
| 7 30 | 17 48.87 | −12 18.2 | 1.972 | 2.818 | 13.7 | 21.7 |

**205707** 2002 $AR_{35}$ 6 24.6 108°.27 0°.7/24.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.56 | −20 28.2 | 1.550 | 2.410 | 15.9 | 20.5 |
| 5 31 | 18 39.18 | −20 44.7 | 1.494 | 2.428 | 11.9 | 20.3 |
| 6 10 | 18 30.20 | −21 5.2 | 1.459 | 2.445 | 7.3 | 20.1 |
| 6 20 | 18 19.53 | −21 27.4 | 1.449 | 2.462 | 2.5 | 19.8 |
| 6 30 | 18 8.41 | −21 49.2 | 1.466 | 2.479 | 2.7 | 19.9 |
| 7 10 | 17 58.19 | −22 9.1 | 1.509 | 2.495 | 7.4 | 20.2 |
| 7 20 | 17 49.95 | −22 27.1 | 1.577 | 2.510 | 11.6 | 20.5 |
| 7 30 | 17 44.44 | −22 43.6 | 1.666 | 2.525 | 15.2 | 20.8 |

**506470** 2002 $QP_{131}$ 6 24.6 311°.26 1°.1/24.6 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.59 | −24 28.9 | 1.309 | 2.191 | 16.9 | 21.7 |
| 5 31 | 18 35.76 | −24 48.0 | 1.224 | 2.170 | 12.9 | 21.4 |
| 6 10 | 18 28.74 | −25 9.3 | 1.158 | 2.148 | 8.1 | 21.0 |
| 6 20 | 18 19.25 | −25 29.5 | 1.114 | 2.128 | 2.8 | 20.7 |
| 6 30 | 18 8.57 | −25 45.4 | 1.094 | 2.107 | 3.3 | 20.6 |
| 7 10 | 17 58.37 | −25 55.5 | 1.098 | 2.087 | 8.9 | 20.9 |
| 7 20 | 17 50.20 | −26 0.0 | 1.124 | 2.068 | 14.1 | 21.1 |
| 7 30 | 17 45.25 | −26 0.9 | 1.168 | 2.050 | 18.7 | 21.4 |

**38954** 2000 $SD_{313}$ 6 24.6 104°.24 2°.3/24.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.48 | −31 12.1 | 1.810 | 2.663 | 14.3 | 18.5 |
| 5 31 | 18 38.93 | −30 51.9 | 1.743 | 2.672 | 10.8 | 18.3 |
| 6 10 | 18 29.94 | −30 23.9 | 1.698 | 2.680 | 6.9 | 18.1 |
| 6 20 | 18 19.43 | −29 46.3 | 1.679 | 2.688 | 3.2 | 17.9 |
| 6 30 | 18 8.57 | −28 59.3 | 1.687 | 2.696 | 3.2 | 17.9 |
| 7 10 | 17 58.63 | −28 5.3 | 1.722 | 2.704 | 7.0 | 18.2 |
| 7 20 | 17 50.59 | −27 8.0 | 1.782 | 2.712 | 10.7 | 18.4 |
| 7 30 | 17 45.14 | −26 11.5 | 1.866 | 2.719 | 14.0 | 18.6 |

**329745** 2004 $BC_{34}$ 6 24.6 125°.99 0°.2/24.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.72 | −22 17.3 | 1.730 | 2.589 | 14.5 | 21.8 |
| 5 31 | 18 37.69 | −22 29.6 | 1.666 | 2.600 | 10.9 | 21.6 |
| 6 10 | 18 29.27 | −22 43.8 | 1.623 | 2.610 | 6.7 | 21.3 |
| 6 20 | 18 19.25 | −22 57.9 | 1.607 | 2.620 | 2.2 | 21.1 |
| 6 30 | 18 8.74 | −23 10.2 | 1.617 | 2.629 | 2.5 | 21.1 |
| 7 10 | 17 58.98 | −23 19.8 | 1.653 | 2.638 | 6.9 | 21.4 |
| 7 20 | 17 50.96 | −23 27.2 | 1.715 | 2.647 | 10.9 | 21.7 |
| 7 30 | 17 45.44 | −23 33.3 | 1.799 | 2.656 | 14.3 | 21.9 |

**72403** 2001 $CZ_{25}$ 6 24.6 35°.93 2°.5/24.5 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.88 | −28 32.4 | 1.530 | 2.401 | 15.5 | 19.1 |
| 5 31 | 18 35.93 | −28 54.6 | 1.472 | 2.411 | 11.6 | 18.9 |
| 6 10 | 18 28.32 | −29 13.4 | 1.436 | 2.422 | 7.4 | 18.6 |
| 6 20 | 18 18.96 | −29 25.4 | 1.423 | 2.434 | 3.3 | 18.4 |
| 6 30 | 18 9.10 | −29 28.2 | 1.436 | 2.446 | 3.6 | 18.5 |
| 7 10 | 18 0.12 | −29 22.0 | 1.474 | 2.458 | 7.7 | 18.7 |
| 7 20 | 17 53.13 | −29 8.6 | 1.535 | 2.471 | 11.7 | 19.0 |
| 7 30 | 17 48.89 | −28 50.9 | 1.618 | 2.484 | 15.2 | 19.3 |

**157229** 2004 $RB_{73}$ 6 24.7 224°.38 0°.3/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.84 | −24 7.3 | 2.944 | 3.789 | 9.6 | 21.4 |
| 5 31 | 18 32.59 | −24 14.1 | 2.853 | 3.780 | 7.2 | 21.2 |
| 6 10 | 18 25.87 | −24 20.7 | 2.786 | 3.770 | 4.4 | 21.0 |
| 6 20 | 18 18.13 | −24 26.1 | 2.747 | 3.760 | 1.5 | 20.8 |
| 6 30 | 18 10.01 | −24 29.4 | 2.737 | 3.750 | 1.7 | 20.8 |
| 7 10 | 18 2.19 | −24 30.5 | 2.757 | 3.739 | 4.7 | 21.0 |
| 7 20 | 17 55.30 | −24 29.6 | 2.803 | 3.728 | 7.5 | 21.1 |
| 7 30 | 17 49.87 | −24 27.4 | 2.875 | 3.716 | 10.0 | 21.3 |

**121219** 1999 $RL_{11}$ 6 24.7 333°.70 9°.0/25.8 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.00 | − 3 54.4 | 1.385 | 2.235 | 18.0 | 19.1 |
| 5 31 | 18 31.74 | − 3 23.8 | 1.308 | 2.220 | 14.9 | 18.8 |
| 6 10 | 18 25.95 | − 3 13.1 | 1.249 | 2.205 | 11.8 | 18.6 |
| 6 20 | 18 18.28 | − 3 26.2 | 1.211 | 2.191 | 9.5 | 18.4 |
| 6 30 | 18 9.79 | − 4 5.1 | 1.196 | 2.179 | 9.3 | 18.4 |
| 7 10 | 18 1.76 | − 5 7.9 | 1.203 | 2.167 | 11.5 | 18.5 |
| 7 20 | 17 55.36 | − 6 30.0 | 1.231 | 2.156 | 14.8 | 18.6 |
| 7 30 | 17 51.53 | − 8 4.9 | 1.279 | 2.146 | 18.3 | 18.8 |

**17900** Leiferman 6 24.7 53°.01 3°.4/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.05 | −17 35.6 | 1.211 | 2.088 | 18.2 | 18.4 |
| 5 31 | 18 37.02 | −17 4.6 | 1.159 | 2.101 | 13.8 | 18.1 |
| 6 10 | 18 29.06 | −16 40.1 | 1.127 | 2.114 | 8.9 | 17.9 |
| 6 20 | 18 19.21 | −16 22.9 | 1.118 | 2.127 | 4.3 | 17.7 |
| 6 30 | 18 8.89 | −16 13.6 | 1.132 | 2.141 | 4.5 | 17.7 |
| 7 10 | 17 59.63 | −16 12.3 | 1.169 | 2.155 | 9.0 | 18.0 |
| 7 20 | 17 52.61 | −16 18.5 | 1.229 | 2.169 | 13.6 | 18.3 |
| 7 30 | 17 48.63 | −16 31.3 | 1.308 | 2.184 | 17.5 | 18.6 |

**237334** 2009 $UG_{153}$ 6 24.7 72°.40 3°.4/24.8 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.11 | −33 4.7 | 1.787 | 2.642 | 14.3 | 19.9 |
| 5 31 | 18 38.03 | −33 6.3 | 1.724 | 2.651 | 11.0 | 19.7 |
| 6 10 | 18 29.47 | −32 59.6 | 1.682 | 2.661 | 7.3 | 19.5 |
| 6 20 | 18 19.31 | −32 41.9 | 1.666 | 2.671 | 4.1 | 19.3 |
| 6 30 | 18 8.77 | −32 12.1 | 1.676 | 2.681 | 4.1 | 19.3 |
| 7 10 | 17 59.13 | −31 31.8 | 1.712 | 2.691 | 7.3 | 19.6 |
| 7 20 | 17 51.41 | −30 44.7 | 1.773 | 2.700 | 10.9 | 19.8 |
| 7 30 | 17 46.31 | −29 54.8 | 1.856 | 2.710 | 14.1 | 20.0 |

**158318** 2001 $VH_{46}$ 6 24.7 191°.08 1°.6/24.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.79 | −25 50.0 | 2.303 | 3.148 | 11.9 | 20.8 |
| 5 31 | 18 37.49 | −26 34.3 | 2.220 | 3.146 | 8.9 | 20.6 |
| 6 10 | 18 29.10 | −27 19.2 | 2.161 | 3.144 | 5.6 | 20.4 |
| 6 20 | 18 19.24 | −28 1.3 | 2.130 | 3.141 | 2.3 | 20.2 |
| 6 30 | 18 8.77 | −28 37.7 | 2.128 | 3.138 | 2.7 | 20.2 |
| 7 10 | 17 58.69 | −29 6.9 | 2.155 | 3.134 | 6.1 | 20.4 |
| 7 20 | 17 49.92 | −29 28.5 | 2.209 | 3.129 | 9.4 | 20.6 |
| 7 30 | 17 43.19 | −29 43.7 | 2.286 | 3.123 | 12.3 | 20.8 |

**291880** 2006 $PQ_{20}$ 6 24.7 309.°71 3.°1/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 40.97 | −29 14.4 | 1.273 | 2.154 | 17.3 | 20.7 |
| 5 31 | 18 37.05 | −29 31.2 | 1.186 | 2.130 | 13.3 | 20.4 |
| 6 10 | 18 29.68 | −29 44.1 | 1.118 | 2.106 | 8.7 | 20.1 |
| 6 20 | 18 19.61 | −29 48.5 | 1.072 | 2.083 | 4.1 | 19.7 |
| 6 30 | 18 8.25 | −29 40.9 | 1.050 | 2.060 | 4.5 | 19.7 |
| 7 10 | 17 57.44 | −29 20.6 | 1.050 | 2.037 | 9.5 | 19.9 |
| 7 20 | 17 48.86 | −28 50.4 | 1.072 | 2.015 | 14.8 | 20.1 |
| 7 30 | 17 43.78 | −28 14.9 | 1.113 | 1.994 | 19.4 | 20.3 |

**405107** 2002 $CY_{70}$ 6 24.7 158.°16 2.°6/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.62 | −16 25.1 | 1.650 | 2.504 | 15.3 | 21.8 |
| 5 31 | 18 37.73 | −16 25.4 | 1.580 | 2.510 | 11.7 | 21.6 |
| 6 10 | 18 29.37 | −16 32.9 | 1.533 | 2.514 | 7.5 | 21.4 |
| 6 20 | 18 19.33 | −16 46.9 | 1.510 | 2.519 | 3.5 | 21.1 |
| 6 30 | 18 8.71 | −17 6.2 | 1.513 | 2.523 | 3.6 | 21.2 |
| 7 10 | 17 58.76 | −17 29.6 | 1.543 | 2.526 | 7.6 | 21.4 |
| 7 20 | 17 50.54 | −17 55.9 | 1.598 | 2.528 | 11.7 | 21.6 |
| 7 30 | 17 44.84 | −18 24.2 | 1.674 | 2.531 | 15.2 | 21.9 |

**400190** 2006 $XL_{19}$ 6 24.7 187.°78 0.°4/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.80 | −26 48.3 | 2.611 | 3.454 | 10.7 | 21.0 |
| 5 31 | 18 35.56 | −26 16.2 | 2.528 | 3.454 | 8.0 | 20.8 |
| 6 10 | 18 27.66 | −25 40.1 | 2.469 | 3.453 | 5.0 | 20.6 |
| 6 20 | 18 18.71 | −24 59.9 | 2.439 | 3.452 | 1.7 | 20.3 |
| 6 30 | 18 9.46 | −24 16.0 | 2.438 | 3.450 | 1.9 | 20.4 |
| 7 10 | 18 0.75 | −23 30.0 | 2.466 | 3.449 | 5.2 | 20.6 |
| 7 20 | 17 53.25 | −22 44.0 | 2.523 | 3.447 | 8.2 | 20.8 |
| 7 30 | 17 47.51 | −22 0.0 | 2.604 | 3.444 | 10.9 | 20.9 |

**350965** 2003 $BO_{77}$ 6 24.7 180.°21 6.°5/26.1 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.58 | − 0 54.4 | 2.566 | 3.360 | 12.3 | 21.6 |
| 5 31 | 18 32.43 | − 0 44.8 | 2.489 | 3.361 | 10.2 | 21.5 |
| 6 10 | 18 25.77 | − 0 48.9 | 2.433 | 3.362 | 8.2 | 21.3 |
| 6 20 | 18 18.12 | − 1 8.2 | 2.403 | 3.362 | 6.8 | 21.2 |
| 6 30 | 18 10.11 | − 1 42.8 | 2.399 | 3.362 | 6.6 | 21.2 |
| 7 10 | 18 2.44 | − 2 31.4 | 2.423 | 3.361 | 7.9 | 21.3 |
| 7 20 | 17 55.75 | − 3 31.5 | 2.472 | 3.360 | 9.8 | 21.4 |
| 7 30 | 17 50.57 | − 4 40.1 | 2.545 | 3.359 | 11.9 | 21.6 |

**400430** 2008 $CH_{190}$ 6 24.7 62.°01 3.°2/24.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.45 | −17 43.4 | 2.030 | 2.877 | 13.2 | 20.1 |
| 5 31 | 18 36.05 | −16 36.1 | 1.980 | 2.905 | 9.9 | 19.9 |
| 6 10 | 18 27.90 | −15 31.5 | 1.955 | 2.933 | 6.5 | 19.8 |
| 6 20 | 18 18.74 | −14 31.7 | 1.956 | 2.961 | 3.6 | 19.7 |
| 6 30 | 18 9.50 | −13 38.9 | 1.986 | 2.989 | 3.9 | 19.7 |
| 7 10 | 18 1.06 | −12 55.0 | 2.043 | 3.017 | 6.8 | 20.0 |
| 7 20 | 17 54.13 | −12 20.8 | 2.126 | 3.044 | 9.8 | 20.2 |
| 7 30 | 17 49.21 | −11 56.4 | 2.233 | 3.072 | 12.5 | 20.4 |

**282300** 2002 $QT_{127}$ 6 24.7 296.°49 0.°3/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.24 | −21 49.3 | 1.847 | 2.709 | 13.6 | 20.6 |
| 5 31 | 18 34.46 | −22 3.1 | 1.764 | 2.700 | 10.2 | 20.3 |
| 6 10 | 18 27.41 | −22 19.7 | 1.703 | 2.690 | 6.4 | 20.1 |
| 6 20 | 18 18.73 | −22 37.5 | 1.667 | 2.681 | 2.1 | 19.8 |
| 6 30 | 18 9.39 | −22 54.8 | 1.658 | 2.671 | 2.4 | 19.8 |
| 7 10 | 18 0.51 | −23 10.4 | 1.676 | 2.662 | 6.7 | 20.1 |
| 7 20 | 17 53.10 | −23 24.1 | 1.718 | 2.653 | 10.7 | 20.3 |
| 7 30 | 17 47.95 | −23 36.4 | 1.783 | 2.644 | 14.2 | 20.5 |

**416635** 2004 $RN_{346}$ 6 24.7 285.°91 3.°8/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.66 | −17 9.7 | 1.367 | 2.237 | 17.0 | 21.4 |
| 5 31 | 18 37.04 | −16 30.7 | 1.278 | 2.215 | 13.2 | 21.1 |
| 6 10 | 18 29.41 | −15 55.5 | 1.209 | 2.193 | 8.8 | 20.8 |
| 6 20 | 18 19.48 | −15 25.9 | 1.162 | 2.171 | 4.6 | 20.5 |
| 6 30 | 18 8.46 | −15 3.5 | 1.140 | 2.148 | 4.9 | 20.5 |
| 7 10 | 17 57.91 | −14 49.8 | 1.143 | 2.126 | 9.5 | 20.7 |
| 7 20 | 17 49.21 | −14 45.6 | 1.167 | 2.103 | 14.5 | 20.9 |
| 7 30 | 17 43.49 | −14 50.9 | 1.210 | 2.080 | 19.0 | 21.1 |

**384815** Żołnowski 6 24.7 260.°29 2.°6/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.51 | −15 49.4 | 2.222 | 3.065 | 12.3 | 21.8 |
| 5 31 | 18 35.10 | −15 41.2 | 2.119 | 3.042 | 9.5 | 21.6 |
| 6 10 | 18 27.70 | −15 38.2 | 2.039 | 3.017 | 6.3 | 21.3 |
| 6 20 | 18 18.82 | −15 40.6 | 1.986 | 2.993 | 3.2 | 21.1 |
| 6 30 | 18 9.26 | −15 48.2 | 1.960 | 2.967 | 3.3 | 21.0 |
| 7 10 | 17 59.94 | −16 0.5 | 1.962 | 2.941 | 6.6 | 21.2 |
| 7 20 | 17 51.75 | −16 17.2 | 1.991 | 2.914 | 10.1 | 21.4 |
| 7 30 | 17 45.43 | −16 37.6 | 2.043 | 2.887 | 13.3 | 21.5 |

**146172** 2000 $SB_{283}$ 6 24.7 252.°78 0.°4/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.21 | −23 14.5 | 2.328 | 3.180 | 11.5 | 20.3 |
| 5 31 | 18 33.93 | −22 58.8 | 2.241 | 3.171 | 8.7 | 20.0 |
| 6 10 | 18 26.83 | −22 42.4 | 2.177 | 3.162 | 5.4 | 19.8 |
| 6 20 | 18 18.49 | −22 24.8 | 2.140 | 3.153 | 1.8 | 19.6 |
| 6 30 | 18 9.71 | −22 6.0 | 2.131 | 3.144 | 2.0 | 19.6 |
| 7 10 | 18 1.35 | −21 46.6 | 2.151 | 3.134 | 5.7 | 19.8 |
| 7 20 | 17 54.21 | −21 27.5 | 2.196 | 3.125 | 9.0 | 20.0 |
| 7 30 | 17 48.91 | −21 10.1 | 2.266 | 3.115 | 12.0 | 20.2 |

**168620** 2000 $BD_{41}$ 6 24.7 200.°69 0.°6/24.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 40.67 | −24 52.0 | 2.044 | 2.900 | 12.7 | 20.9 |
| 5 31 | 18 35.25 | −24 56.5 | 1.966 | 2.899 | 9.5 | 20.7 |
| 6 10 | 18 27.74 | −25 0.3 | 1.912 | 2.898 | 5.9 | 20.5 |
| 6 20 | 18 18.80 | −25 1.8 | 1.884 | 2.897 | 2.0 | 20.2 |
| 6 30 | 18 9.37 | −24 59.9 | 1.883 | 2.895 | 2.3 | 20.2 |
| 7 10 | 18 0.48 | −24 54.6 | 1.909 | 2.893 | 6.2 | 20.5 |
| 7 20 | 17 53.02 | −24 46.6 | 1.961 | 2.891 | 9.8 | 20.7 |
| 7 30 | 17 47.70 | −24 37.4 | 2.036 | 2.889 | 13.0 | 20.9 |

**479995** 2014 $KB_{41}$ 6 24.7 331.°42 4.°6/23.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.85 | −34 13.8 | 2.159 | 3.007 | 12.4 | 20.8 |
| 5 31 | 18 35.61 | −35 11.9 | 2.083 | 3.004 | 9.7 | 20.6 |
| 6 10 | 18 28.10 | −36 5.2 | 2.030 | 3.001 | 6.9 | 20.4 |
| 6 20 | 18 18.96 | −36 49.0 | 2.003 | 2.998 | 4.8 | 20.3 |
| 6 30 | 18 9.15 | −37 19.8 | 2.003 | 2.995 | 5.1 | 20.3 |
| 7 10 | 17 59.82 | −37 36.1 | 2.029 | 2.993 | 7.5 | 20.5 |
| 7 20 | 17 51.97 | −37 39.0 | 2.081 | 2.991 | 10.4 | 20.6 |
| 7 30 | 17 46.39 | −37 31.1 | 2.154 | 2.988 | 13.1 | 20.8 |

**420848** 2013 $JP_{51}$ 6 24.7 346.°34 3.°2/25.0 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.73 | −16 29.7 | 1.034 | 1.929 | 19.3 | 20.6 |
| 5 31 | 18 33.07 | −16 32.0 | 0.969 | 1.920 | 14.8 | 20.3 |
| 6 10 | 18 27.14 | −16 46.1 | 0.921 | 1.911 | 9.6 | 20.0 |
| 6 20 | 18 18.76 | −17 11.9 | 0.893 | 1.904 | 4.4 | 19.6 |
| 6 30 | 18 9.37 | −17 47.5 | 0.887 | 1.898 | 4.5 | 19.6 |
| 7 10 | 18 0.74 | −18 30.1 | 0.902 | 1.894 | 9.8 | 19.9 |
| 7 20 | 17 54.39 | −19 16.4 | 0.937 | 1.891 | 15.1 | 20.2 |
| 7 30 | 17 51.42 | −20 4.0 | 0.990 | 1.889 | 19.8 | 20.5 |

**4071** Rostovdon 6 24.7 255.°79 0.°5/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.54 | −22 55.9 | 2.597 | 3.445 | 10.6 | 17.3 |
| 5 31 | 18 33.28 | −22 36.9 | 2.504 | 3.433 | 8.0 | 17.1 |
| 6 10 | 18 26.37 | −22 17.1 | 2.435 | 3.419 | 4.9 | 16.9 |
| 6 20 | 18 18.34 | −21 56.3 | 2.393 | 3.406 | 1.7 | 16.7 |
| 6 30 | 18 9.90 | −21 34.6 | 2.380 | 3.393 | 1.9 | 16.7 |
| 7 10 | 18 1.83 | −21 12.6 | 2.396 | 3.379 | 5.2 | 16.9 |
| 7 20 | 17 54.82 | −20 51.3 | 2.439 | 3.365 | 8.4 | 17.0 |
| 7 30 | 17 49.45 | −20 31.8 | 2.506 | 3.351 | 11.1 | 17.2 |

**168616** 2000 $BN_{21}$ 6 24.7 355.°41 3.°7/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.83 | −32 38.1 | 1.570 | 2.438 | 15.3 | 19.5 |
| 5 31 | 18 36.05 | −32 43.0 | 1.500 | 2.435 | 11.8 | 19.2 |
| 6 10 | 18 28.52 | −32 39.7 | 1.450 | 2.432 | 7.9 | 19.0 |
| 6 20 | 18 19.09 | −32 25.0 | 1.424 | 2.430 | 4.3 | 18.8 |
| 6 30 | 18 9.07 | −31 57.3 | 1.423 | 2.429 | 4.4 | 18.8 |
| 7 10 | 17 59.89 | −31 18.1 | 1.447 | 2.429 | 8.0 | 19.0 |
| 7 20 | 17 52.71 | −30 30.8 | 1.494 | 2.429 | 12.0 | 19.2 |
| 7 30 | 17 48.36 | −29 40.2 | 1.563 | 2.430 | 15.6 | 19.5 |

**15519** 1999 $XW$ 6 24.7 237.°49 1.°2/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.80 | −25 27.2 | 2.610 | 3.458 | 10.5 | 18.0 |
| 5 31 | 18 33.58 | −26 3.2 | 2.522 | 3.451 | 7.9 | 17.9 |
| 6 10 | 18 26.62 | −26 39.7 | 2.460 | 3.443 | 4.9 | 17.7 |
| 6 20 | 18 18.45 | −27 14.5 | 2.424 | 3.436 | 1.9 | 17.4 |
| 6 30 | 18 9.77 | −27 45.5 | 2.417 | 3.428 | 2.2 | 17.4 |
| 7 10 | 18 1.39 | −28 11.2 | 2.439 | 3.420 | 5.3 | 17.6 |
| 7 20 | 17 54.07 | −28 31.6 | 2.488 | 3.411 | 8.4 | 17.8 |
| 7 30 | 17 48.43 | −28 47.0 | 2.561 | 3.403 | 11.0 | 18.0 |

**98124** 2000 $SB_{20}$ 6 24.7 158.°94 2.°4/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.72 | −29 26.7 | 1.702 | 2.558 | 14.9 | 20.0 |
| 5 31 | 18 40.16 | −29 36.7 | 1.633 | 2.563 | 11.3 | 19.8 |
| 6 10 | 18 30.92 | −29 41.8 | 1.585 | 2.568 | 7.2 | 19.6 |
| 6 20 | 18 19.86 | −29 38.8 | 1.563 | 2.573 | 3.3 | 19.3 |
| 6 30 | 18 8.25 | −29 25.9 | 1.567 | 2.576 | 3.5 | 19.4 |
| 7 10 | 17 57.47 | −29 3.7 | 1.598 | 2.580 | 7.5 | 19.6 |
| 7 20 | 17 48.67 | −28 35.0 | 1.654 | 2.583 | 11.5 | 19.9 |
| 7 30 | 17 42.66 | −28 3.4 | 1.732 | 2.585 | 15.0 | 20.1 |

**479966** 2014 $JO_{27}$ 6 24.7 259.°98 0.°9/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.91 | −17 20.9 | 2.325 | 3.170 | 11.8 | 20.7 |
| 5 31 | 18 34.57 | −18 7.9 | 2.235 | 3.160 | 8.9 | 20.4 |
| 6 10 | 18 27.33 | −19 2.1 | 2.168 | 3.150 | 5.6 | 20.2 |
| 6 20 | 18 18.71 | −20 1.6 | 2.129 | 3.140 | 2.1 | 20.0 |
| 6 30 | 18 9.47 | −21 3.4 | 2.118 | 3.130 | 2.1 | 20.0 |
| 7 10 | 18 0.49 | −22 5.0 | 2.137 | 3.120 | 5.7 | 20.2 |
| 7 20 | 17 52.61 | −23 4.1 | 2.183 | 3.110 | 9.2 | 20.4 |
| 7 30 | 17 46.53 | −23 59.5 | 2.253 | 3.099 | 12.2 | 20.6 |

**280313** 2003 $QA_{89}$ 6 24.7 274.°58 1.°0/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.84 | −20 0.5 | 1.854 | 2.713 | 13.7 | 20.5 |
| 5 31 | 18 34.90 | −20 8.3 | 1.768 | 2.703 | 10.4 | 20.3 |
| 6 10 | 18 27.69 | −20 20.1 | 1.706 | 2.691 | 6.5 | 20.0 |
| 6 20 | 18 18.85 | −20 34.7 | 1.668 | 2.680 | 2.4 | 19.7 |
| 6 30 | 18 9.33 | −20 50.8 | 1.657 | 2.669 | 2.6 | 19.7 |
| 7 10 | 18 0.26 | −21 7.3 | 1.672 | 2.658 | 6.8 | 19.9 |
| 7 20 | 17 52.62 | −21 23.8 | 1.713 | 2.647 | 10.8 | 20.2 |
| 7 30 | 17 47.23 | −21 40.4 | 1.776 | 2.635 | 14.3 | 20.4 |

**512688** 2016 $UF_1$ 6 24.7 180°.41 3°.2/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 36.84 | −12 44.1 | 2.866 | 3.698 | 10.2 | 22.6 |
| 5 31 | 18 31.75 | −12 16.9 | 2.786 | 3.698 | 7.9 | 22.4 |
| 6 10 | 18 25.31 | −11 54.9 | 2.730 | 3.699 | 5.5 | 22.3 |
| 6 20 | 18 17.99 | −11 38.6 | 2.702 | 3.699 | 3.5 | 22.1 |
| 6 30 | 18 10.38 | −11 28.8 | 2.702 | 3.699 | 3.6 | 22.1 |
| 7 10 | 18 3.12 | −11 25.6 | 2.730 | 3.698 | 5.6 | 22.3 |
| 7 20 | 17 56.76 | −11 28.7 | 2.786 | 3.697 | 8.0 | 22.4 |
| 7 30 | 17 51.78 | −11 37.5 | 2.865 | 3.696 | 10.3 | 22.6 |

**148638** 2001 $SH_{31}$ 6 24.7 317°.85 1°.4/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.17 | −24 59.6 | 1.363 | 2.243 | 16.4 | 20.0 |
| 5 31 | 18 35.33 | −25 24.9 | 1.280 | 2.225 | 12.5 | 19.7 |
| 6 10 | 18 28.43 | −25 52.1 | 1.217 | 2.207 | 7.9 | 19.4 |
| 6 20 | 18 19.20 | −26 17.7 | 1.177 | 2.190 | 2.9 | 19.1 |
| 6 30 | 18 8.89 | −26 38.3 | 1.160 | 2.173 | 3.3 | 19.0 |
| 7 10 | 17 59.11 | −26 52.1 | 1.168 | 2.157 | 8.6 | 19.3 |
| 7 20 | 17 51.29 | −26 59.4 | 1.198 | 2.141 | 13.6 | 19.5 |
| 7 30 | 17 46.56 | −27 1.8 | 1.247 | 2.127 | 17.9 | 19.8 |

**364630** 2007 $TS_{70}$ 6 24.7 305°.25 5°.9/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.69 | −14 21.2 | 1.264 | 2.138 | 17.9 | 20.1 |
| 5 31 | 18 35.58 | −13 19.1 | 1.185 | 2.122 | 14.1 | 19.8 |
| 6 10 | 18 28.50 | −12 22.9 | 1.125 | 2.106 | 9.8 | 19.5 |
| 6 20 | 18 19.19 | −11 36.3 | 1.087 | 2.090 | 6.4 | 19.3 |
| 6 30 | 18 8.94 | −11 2.9 | 1.073 | 2.074 | 6.7 | 19.2 |
| 7 10 | 17 59.28 | −10 45.0 | 1.081 | 2.059 | 10.7 | 19.4 |
| 7 20 | 17 51.58 | −10 43.0 | 1.110 | 2.045 | 15.3 | 19.6 |
| 7 30 | 17 46.87 | −10 55.6 | 1.158 | 2.030 | 19.5 | 19.8 |

**57756** 2001 $VQ_{16}$ 6 24.7 197°.41 2°.9/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.06 | −13 24.0 | 2.405 | 3.244 | 11.6 | 19.5 |
| 5 31 | 18 32.97 | −13 29.7 | 2.324 | 3.242 | 9.0 | 19.3 |
| 6 10 | 18 26.21 | −13 42.7 | 2.266 | 3.241 | 6.0 | 19.1 |
| 6 20 | 18 18.32 | −14 2.7 | 2.235 | 3.238 | 3.4 | 18.9 |
| 6 30 | 18 10.00 | −14 29.0 | 2.232 | 3.236 | 3.3 | 18.9 |
| 7 10 | 18 2.05 | −15 0.4 | 2.256 | 3.233 | 6.0 | 19.1 |
| 7 20 | 17 55.17 | −15 35.6 | 2.308 | 3.231 | 8.9 | 19.3 |
| 7 30 | 17 49.94 | −16 13.3 | 2.383 | 3.227 | 11.7 | 19.4 |

**142328** 2002 $RL_{180}$ 6 24.7 336°.68 1°.8/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.29 | −26 21.1 | 1.135 | 2.029 | 18.0 | 19.7 |
| 5 31 | 18 34.30 | −26 33.7 | 1.062 | 2.014 | 13.7 | 19.4 |
| 6 10 | 18 27.95 | −26 45.3 | 1.008 | 2.000 | 8.7 | 19.1 |
| 6 20 | 18 19.06 | −26 52.4 | 0.975 | 1.988 | 3.3 | 18.8 |
| 6 30 | 18 9.11 | −26 52.4 | 0.964 | 1.976 | 3.7 | 18.7 |
| 7 10 | 17 59.90 | −26 44.6 | 0.975 | 1.966 | 9.3 | 19.0 |
| 7 20 | 17 53.02 | −26 30.8 | 1.006 | 1.957 | 14.7 | 19.3 |
| 7 30 | 17 49.60 | −26 14.1 | 1.056 | 1.950 | 19.3 | 19.5 |

**92792** 2000 $QB_{152}$ 6 24.7 278°.74 1°.1/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.56 | −25 59.8 | 1.727 | 2.591 | 14.3 | 19.9 |
| 5 31 | 18 36.39 | −26 3.7 | 1.645 | 2.581 | 10.8 | 19.6 |
| 6 10 | 18 28.70 | −26 6.1 | 1.585 | 2.571 | 6.8 | 19.4 |
| 6 20 | 18 19.20 | −26 4.7 | 1.549 | 2.561 | 2.4 | 19.1 |
| 6 30 | 18 9.00 | −25 58.0 | 1.539 | 2.551 | 2.7 | 19.1 |
| 7 10 | 17 59.37 | −25 46.2 | 1.556 | 2.542 | 7.2 | 19.3 |
| 7 20 | 17 51.43 | −25 30.6 | 1.597 | 2.532 | 11.4 | 19.5 |
| 7 30 | 17 46.04 | −25 13.5 | 1.660 | 2.522 | 15.1 | 19.7 |

**105821** 2000 $SQ_{142}$ 6 24.7 107°.76 7°.2/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.37 | − 1 14.3 | 2.608 | 3.402 | 12.1 | 19.2 |
| 5 31 | 18 32.85 | − 0 3.3 | 2.551 | 3.419 | 10.2 | 19.1 |
| 6 10 | 18 25.95 | + 0 56.1 | 2.517 | 3.436 | 8.4 | 19.0 |
| 6 20 | 18 18.19 | + 1 41.0 | 2.509 | 3.453 | 7.3 | 18.9 |
| 6 30 | 18 10.23 | + 2 9.5 | 2.528 | 3.469 | 7.4 | 19.0 |
| 7 10 | 18 2.73 | + 2 21.2 | 2.572 | 3.485 | 8.6 | 19.0 |
| 7 20 | 17 56.26 | + 2 17.2 | 2.641 | 3.501 | 10.2 | 19.2 |
| 7 30 | 17 51.29 | + 1 59.9 | 2.732 | 3.517 | 11.9 | 19.3 |

**255534** 2006 $HK_{40}$ 6 24.7 351°.03 3°.4/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.51 | −28 29.5 | 1.015 | 1.914 | 19.2 | 19.7 |
| 5 31 | 18 34.75 | −28 56.9 | 0.952 | 1.906 | 14.7 | 19.4 |
| 6 10 | 18 28.32 | −29 21.3 | 0.908 | 1.900 | 9.5 | 19.1 |
| 6 20 | 18 19.19 | −29 37.7 | 0.883 | 1.895 | 4.4 | 18.8 |
| 6 30 | 18 9.03 | −29 41.9 | 0.880 | 1.891 | 4.8 | 18.8 |
| 7 10 | 17 59.84 | −29 33.3 | 0.898 | 1.889 | 10.1 | 19.1 |
| 7 20 | 17 53.31 | −29 14.5 | 0.936 | 1.888 | 15.4 | 19.4 |
| 7 30 | 17 50.53 | −28 49.9 | 0.991 | 1.888 | 20.0 | 19.7 |

**131183** 2001 $CJ_{45}$ 6 24.7 147°.23 7°.3/26.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.54 | + 1 21.6 | 2.374 | 3.156 | 13.5 | 19.9 |
| 5 31 | 18 34.69 | + 1 20.9 | 2.303 | 3.165 | 11.3 | 19.7 |
| 6 10 | 18 27.20 | + 1 3.4 | 2.254 | 3.174 | 9.2 | 19.6 |
| 6 20 | 18 18.64 | + 0 27.9 | 2.230 | 3.182 | 7.6 | 19.5 |
| 6 30 | 18 9.72 | − 0 25.3 | 2.233 | 3.190 | 7.3 | 19.5 |
| 7 10 | 18 1.24 | − 1 33.9 | 2.262 | 3.197 | 8.5 | 19.6 |
| 7 20 | 17 53.88 | − 2 54.3 | 2.318 | 3.204 | 10.5 | 19.7 |
| 7 30 | 17 48.21 | − 4 22.5 | 2.399 | 3.210 | 12.6 | 19.9 |

**470783** 2008 $UD_{289}$ 6 24.7 258°.84 0°.2/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 40.88 | −22 55.3 | 2.008 | 2.864 | 12.9 | 22.0 |
| 5 31 | 18 35.62 | −23 12.0 | 1.917 | 2.850 | 9.8 | 21.7 |
| 6 10 | 18 28.13 | −23 30.6 | 1.849 | 2.835 | 6.1 | 21.5 |
| 6 20 | 18 19.02 | −23 49.2 | 1.807 | 2.820 | 2.0 | 21.2 |
| 6 30 | 18 9.21 | −24 5.9 | 1.792 | 2.805 | 2.3 | 21.2 |
| 7 10 | 17 59.78 | −24 19.7 | 1.805 | 2.790 | 6.5 | 21.4 |
| 7 20 | 17 51.72 | −24 30.5 | 1.843 | 2.774 | 10.3 | 21.6 |
| 7 30 | 17 45.83 | −24 39.1 | 1.904 | 2.758 | 13.8 | 21.8 |

**102241** 1999 $TT_{22}$ 6 24.7 29°.68 2°.2/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.57 | −26 18.4 | 1.208 | 2.092 | 17.8 | 19.3 |
| 5 31 | 18 37.09 | −26 51.7 | 1.153 | 2.099 | 13.4 | 19.1 |
| 6 10 | 18 29.38 | −27 24.7 | 1.117 | 2.107 | 8.4 | 18.8 |
| 6 20 | 18 19.45 | −27 52.7 | 1.103 | 2.115 | 3.4 | 18.6 |
| 6 30 | 18 8.81 | −28 12.1 | 1.112 | 2.124 | 3.8 | 18.6 |
| 7 10 | 17 59.19 | −28 21.6 | 1.145 | 2.133 | 8.8 | 18.9 |
| 7 20 | 17 51.95 | −28 22.6 | 1.200 | 2.143 | 13.6 | 19.2 |
| 7 30 | 17 48.02 | −28 17.9 | 1.274 | 2.153 | 17.6 | 19.5 |

**397735** 2008 $EW_{120}$ 6 24.7 357°.72 4°.9/25.1 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.05 | −10 17.8 | 1.999 | 2.844 | 13.4 | 21.1 |
| 5 31 | 18 31.72 | − 9 53.5 | 1.926 | 2.843 | 10.6 | 20.9 |
| 6 10 | 18 25.55 | − 9 38.9 | 1.874 | 2.842 | 7.6 | 20.7 |
| 6 20 | 18 18.13 | − 9 35.2 | 1.847 | 2.841 | 5.3 | 20.5 |
| 6 30 | 18 10.28 | − 9 43.1 | 1.846 | 2.841 | 5.3 | 20.5 |
| 7 10 | 18 2.89 | −10 2.0 | 1.871 | 2.841 | 7.6 | 20.7 |
| 7 20 | 17 56.74 | −10 30.3 | 1.921 | 2.841 | 10.6 | 20.9 |
| 7 30 | 17 52.47 | −11 6.0 | 1.993 | 2.842 | 13.4 | 21.0 |

**320321** 2007 $TL_{30}$ 6 24.7 145°.72 2°.9/24.8 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.32 | −15 51.4 | 1.992 | 2.834 | 13.6 | 22.2 |
| 5 31 | 18 37.77 | −15 34.4 | 1.925 | 2.847 | 10.4 | 22.1 |
| 6 10 | 18 29.18 | −15 22.8 | 1.882 | 2.859 | 6.8 | 21.9 |
| 6 20 | 18 19.28 | −15 16.7 | 1.864 | 2.870 | 3.5 | 21.7 |
| 6 30 | 18 9.01 | −15 16.1 | 1.875 | 2.881 | 3.6 | 21.7 |
| 7 10 | 17 59.39 | −15 20.7 | 1.913 | 2.890 | 6.8 | 21.9 |
| 7 20 | 17 51.27 | −15 30.2 | 1.978 | 2.899 | 10.3 | 22.1 |
| 7 30 | 17 45.28 | −15 43.9 | 2.065 | 2.907 | 13.3 | 22.4 |

**522516** 2016 $ER_{234}$ 6 24.7 97°.38 4°.3/25.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.21 | −12 44.5 | 1.537 | 2.394 | 16.2 | 21.5 |
| 5 31 | 18 36.05 | −12 39.3 | 1.472 | 2.399 | 12.5 | 21.3 |
| 6 10 | 18 28.42 | −12 45.3 | 1.427 | 2.405 | 8.5 | 21.1 |
| 6 20 | 18 19.10 | −13 2.7 | 1.407 | 2.410 | 5.0 | 20.9 |
| 6 30 | 18 9.21 | −13 30.6 | 1.411 | 2.416 | 4.9 | 20.9 |
| 7 10 | 18 0.00 | −14 7.2 | 1.441 | 2.421 | 8.3 | 21.1 |
| 7 20 | 17 52.54 | −14 50.1 | 1.495 | 2.426 | 12.2 | 21.3 |
| 7 30 | 17 47.61 | −15 36.8 | 1.569 | 2.431 | 15.8 | 21.6 |

**209857** 2005 $JQ_{28}$ 6 24.7 168°.38 5°.0/25.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.16 | − 7 48.7 | 2.477 | 3.299 | 11.9 | 21.0 |
| 5 31 | 18 32.90 | − 7 18.7 | 2.402 | 3.302 | 9.5 | 20.8 |
| 6 10 | 18 26.10 | − 6 57.8 | 2.351 | 3.305 | 7.1 | 20.7 |
| 6 20 | 18 18.29 | − 6 47.3 | 2.325 | 3.308 | 5.3 | 20.6 |
| 6 30 | 18 10.14 | − 6 48.0 | 2.327 | 3.310 | 5.3 | 20.6 |
| 7 10 | 18 2.38 | − 6 59.7 | 2.356 | 3.312 | 7.1 | 20.7 |
| 7 20 | 17 55.68 | − 7 21.1 | 2.411 | 3.313 | 9.5 | 20.8 |
| 7 30 | 17 50.56 | − 7 50.7 | 2.489 | 3.314 | 11.8 | 21.0 |

**320541** 2008 $AD_3$ 6 24.7 136°.97 2°.5/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.53 | −30 3.3 | 1.784 | 2.636 | 14.4 | 21.0 |
| 5 31 | 18 39.87 | −30 12.1 | 1.718 | 2.647 | 10.9 | 20.8 |
| 6 10 | 18 30.66 | −30 15.5 | 1.674 | 2.656 | 7.0 | 20.6 |
| 6 20 | 18 19.79 | −30 10.4 | 1.656 | 2.665 | 3.3 | 20.4 |
| 6 30 | 18 8.47 | −29 55.4 | 1.666 | 2.674 | 3.5 | 20.4 |
| 7 10 | 17 58.01 | −29 31.3 | 1.702 | 2.682 | 7.2 | 20.6 |
| 7 20 | 17 49.46 | −29 0.7 | 1.763 | 2.690 | 11.0 | 20.9 |
| 7 30 | 17 43.58 | −28 27.4 | 1.846 | 2.697 | 14.3 | 21.1 |

**447121** 2004 $TK_{339}$ 6 24.7 358°.16 9°.6/22.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.81 | −44 51.4 | 1.798 | 2.631 | 15.2 | 20.2 |
| 5 31 | 18 38.03 | −46 22.9 | 1.734 | 2.628 | 12.9 | 20.1 |
| 6 10 | 18 30.07 | −47 41.4 | 1.692 | 2.626 | 10.8 | 19.9 |
| 6 20 | 18 19.73 | −48 39.0 | 1.672 | 2.625 | 9.7 | 19.8 |
| 6 30 | 18 8.43 | −49 9.9 | 1.675 | 2.624 | 10.0 | 19.9 |
| 7 10 | 17 57.84 | −49 12.9 | 1.702 | 2.625 | 11.6 | 20.0 |
| 7 20 | 17 49.45 | −48 51.1 | 1.750 | 2.626 | 13.8 | 20.1 |
| 7 30 | 17 44.29 | −48 10.6 | 1.817 | 2.628 | 16.1 | 20.3 |

**17805** Švestka 6 24.7 206°.69 4°.6/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.18 | − 9 12.9 | 2.359 | 3.190 | 12.1 | 19.3 |
| 5 31 | 18 32.31 | − 8 54.2 | 2.280 | 3.188 | 9.6 | 19.1 |
| 6 10 | 18 25.81 | − 8 44.6 | 2.224 | 3.186 | 7.0 | 19.0 |
| 6 20 | 18 18.22 | − 8 45.1 | 2.193 | 3.183 | 5.0 | 18.8 |
| 6 30 | 18 10.22 | − 8 56.1 | 2.190 | 3.181 | 4.9 | 18.8 |
| 7 10 | 18 2.61 | − 9 16.9 | 2.213 | 3.178 | 6.9 | 19.0 |
| 7 20 | 17 56.05 | − 9 46.3 | 2.262 | 3.175 | 9.6 | 19.1 |
| 7 30 | 17 51.14 | −10 22.4 | 2.335 | 3.172 | 12.1 | 19.3 |

**150620** 2000 $YM_{71}$ 6 24.7 184.°19 1.°2/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.28 | −19 54.6 | 2.913 | 3.754 | 9.8 | 21.2 |
| 5 31 | 18 32.83 | −19 35.8 | 2.830 | 3.754 | 7.3 | 21.1 |
| 6 10 | 18 26.00 | −19 18.1 | 2.772 | 3.754 | 4.6 | 20.9 |
| 6 20 | 18 18.26 | −19 1.6 | 2.742 | 3.753 | 1.9 | 20.7 |
| 6 30 | 18 10.22 | −18 46.4 | 2.742 | 3.752 | 2.0 | 20.7 |
| 7 10 | 18 2.55 | −18 32.9 | 2.770 | 3.750 | 4.8 | 20.9 |
| 7 20 | 17 55.83 | −18 21.4 | 2.826 | 3.748 | 7.5 | 21.1 |
| 7 30 | 17 50.56 | −18 12.6 | 2.907 | 3.746 | 9.9 | 21.2 |

**2494** Inge 6 24.7 260.°42 0.°9/24.7 18 A

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.81 | −27 26.3 | 2.379 | 3.229 | 11.4 | 15.8 |
| 5 31 | 18 34.38 | −27 12.6 | 2.294 | 3.223 | 8.5 | 15.6 |
| 6 10 | 18 27.13 | −26 55.4 | 2.233 | 3.217 | 5.3 | 15.4 |
| 6 20 | 18 18.65 | −26 33.7 | 2.199 | 3.211 | 2.0 | 15.2 |
| 6 30 | 18 9.78 | −26 7.4 | 2.193 | 3.205 | 2.1 | 15.2 |
| 7 10 | 18 1.40 | −25 37.2 | 2.216 | 3.199 | 5.6 | 15.4 |
| 7 20 | 17 54.27 | −25 5.0 | 2.265 | 3.193 | 8.8 | 15.6 |
| 7 30 | 17 49.01 | −24 32.6 | 2.337 | 3.187 | 11.7 | 15.8 |

**212838** 2007 $UX_{84}$ 6 24.7 122.°87 1.°3/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.78 | −26 12.0 | 2.176 | 3.029 | 12.2 | 20.3 |
| 5 31 | 18 35.23 | −26 33.6 | 2.106 | 3.036 | 9.1 | 20.1 |
| 6 10 | 18 27.70 | −26 54.3 | 2.059 | 3.043 | 5.7 | 19.9 |
| 6 20 | 18 18.86 | −27 11.8 | 2.038 | 3.050 | 2.2 | 19.7 |
| 6 30 | 18 9.58 | −27 24.1 | 2.046 | 3.057 | 2.5 | 19.8 |
| 7 10 | 18 0.84 | −27 30.9 | 2.081 | 3.063 | 5.9 | 20.0 |
| 7 20 | 17 53.49 | −27 32.7 | 2.142 | 3.069 | 9.3 | 20.2 |
| 7 30 | 17 48.17 | −27 30.8 | 2.226 | 3.075 | 12.2 | 20.4 |

**141121** 2001 $XB_{82}$ 6 24.7 253.°59 1.°0/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.61 | −19 58.4 | 2.320 | 3.171 | 11.6 | 21.0 |
| 5 31 | 18 33.57 | −20 2.5 | 2.230 | 3.159 | 8.8 | 20.8 |
| 6 10 | 18 26.70 | −20 9.4 | 2.164 | 3.148 | 5.5 | 20.6 |
| 6 20 | 18 18.56 | −20 18.4 | 2.124 | 3.137 | 2.0 | 20.4 |
| 6 30 | 18 9.89 | −20 28.6 | 2.113 | 3.125 | 2.2 | 20.4 |
| 7 10 | 18 1.57 | −20 39.4 | 2.129 | 3.113 | 5.7 | 20.6 |
| 7 20 | 17 54.39 | −20 50.6 | 2.172 | 3.101 | 9.1 | 20.8 |
| 7 30 | 17 49.00 | −21 2.3 | 2.238 | 3.088 | 12.1 | 20.9 |

**184932** 2005 $VU_{16}$ 6 24.7 218.°85 0.°7/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.98 | −23 56.7 | 2.482 | 3.332 | 11.0 | 20.3 |
| 5 31 | 18 33.77 | −24 28.8 | 2.399 | 3.328 | 8.2 | 20.1 |
| 6 10 | 18 26.79 | −25 2.3 | 2.340 | 3.325 | 5.1 | 19.9 |
| 6 20 | 18 18.58 | −25 34.9 | 2.308 | 3.321 | 1.8 | 19.6 |
| 6 30 | 18 9.87 | −26 4.7 | 2.305 | 3.317 | 2.1 | 19.7 |
| 7 10 | 18 1.52 | −26 30.4 | 2.330 | 3.312 | 5.4 | 19.9 |
| 7 20 | 17 54.27 | −26 51.6 | 2.382 | 3.308 | 8.5 | 20.1 |
| 7 30 | 17 48.77 | −27 8.7 | 2.458 | 3.303 | 11.3 | 20.2 |

**503881** 2001 $BZ_{2}$ 6 24.7 211.°42 6.°9/26.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.57 | + 3 50.1 | 3.096 | 3.849 | 11.2 | 22.9 |
| 5 31 | 18 34.49 | + 4 0.6 | 3.002 | 3.838 | 9.7 | 22.7 |
| 6 10 | 18 27.04 | + 3 57.2 | 2.931 | 3.827 | 8.2 | 22.6 |
| 6 20 | 18 18.63 | + 3 38.4 | 2.885 | 3.815 | 7.1 | 22.5 |
| 6 30 | 18 9.83 | + 3 3.4 | 2.868 | 3.801 | 7.0 | 22.5 |
| 7 10 | 18 1.26 | + 2 13.4 | 2.878 | 3.787 | 7.9 | 22.5 |
| 7 20 | 17 53.51 | + 1 10.4 | 2.915 | 3.772 | 9.4 | 22.6 |
| 7 30 | 17 47.06 | − 0 2.5 | 2.977 | 3.756 | 11.2 | 22.7 |

**126437** 2002 $CG_{11}$ 6 24.7 225.°07 2.°1/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.41 | −28 43.9 | 2.141 | 2.990 | 12.5 | 20.7 |
| 5 31 | 18 37.44 | −29 4.0 | 2.053 | 2.980 | 9.5 | 20.5 |
| 6 10 | 18 29.22 | −29 21.5 | 1.989 | 2.970 | 6.1 | 20.2 |
| 6 20 | 18 19.40 | −29 33.3 | 1.950 | 2.960 | 2.8 | 20.0 |
| 6 30 | 18 8.95 | −29 37.5 | 1.940 | 2.949 | 3.1 | 20.0 |
| 7 10 | 17 58.96 | −29 33.5 | 1.958 | 2.937 | 6.5 | 20.2 |
| 7 20 | 17 50.40 | −29 22.4 | 2.001 | 2.925 | 10.0 | 20.4 |
| 7 30 | 17 44.07 | −29 6.7 | 2.068 | 2.912 | 13.2 | 20.6 |

**442131** 2010 $UB_{33}$ 6 24.7 292.°98 1.°2/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.19 | −21 3.4 | 2.206 | 3.061 | 12.0 | 21.2 |
| 5 31 | 18 33.37 | −20 43.7 | 2.110 | 3.042 | 9.1 | 20.9 |
| 6 10 | 18 26.64 | −20 24.6 | 2.038 | 3.023 | 5.7 | 20.7 |
| 6 20 | 18 18.55 | −20 6.0 | 1.992 | 3.004 | 2.2 | 20.4 |
| 6 30 | 18 9.91 | −19 48.3 | 1.974 | 2.985 | 2.4 | 20.4 |
| 7 10 | 18 1.64 | −19 31.8 | 1.983 | 2.966 | 6.1 | 20.6 |
| 7 20 | 17 54.55 | −19 17.5 | 2.018 | 2.948 | 9.6 | 20.8 |
| 7 30 | 17 49.34 | −19 6.2 | 2.076 | 2.929 | 12.8 | 21.0 |

**467950** 2012 $FT_{12}$ 6 24.7 242.°71 4.°3/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.21 | −13 28.5 | 1.597 | 2.453 | 15.7 | 21.6 |
| 5 31 | 18 36.13 | −13 10.0 | 1.520 | 2.447 | 12.2 | 21.4 |
| 6 10 | 18 28.56 | −13 0.7 | 1.463 | 2.440 | 8.3 | 21.1 |
| 6 20 | 18 19.21 | −13 1.4 | 1.430 | 2.434 | 4.9 | 20.9 |
| 6 30 | 18 9.17 | −13 12.5 | 1.423 | 2.427 | 5.0 | 20.9 |
| 7 10 | 17 59.67 | −13 33.2 | 1.441 | 2.420 | 8.4 | 21.1 |
| 7 20 | 17 51.82 | −14 1.9 | 1.483 | 2.413 | 12.5 | 21.3 |
| 7 30 | 17 46.45 | −14 36.7 | 1.546 | 2.405 | 16.1 | 21.5 |

**101659** 1999 $CJ_{80}$ 6 24.7 244.°38 3.°0/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 40.96 | −17 16.6 | 1.735 | 2.593 | 14.5 | 18.7 |
| 5 31 | 18 35.74 | −16 45.6 | 1.657 | 2.588 | 11.1 | 18.5 |
| 6 10 | 18 28.20 | −16 18.7 | 1.601 | 2.583 | 7.3 | 18.2 |
| 6 20 | 18 19.07 | −15 56.7 | 1.570 | 2.578 | 3.7 | 18.0 |
| 6 30 | 18 9.36 | −15 40.4 | 1.566 | 2.573 | 3.9 | 18.0 |
| 7 10 | 18 0.23 | −15 30.5 | 1.587 | 2.568 | 7.6 | 18.2 |
| 7 20 | 17 52.66 | −15 27.2 | 1.633 | 2.563 | 11.5 | 18.4 |
| 7 30 | 17 47.44 | −15 30.4 | 1.701 | 2.557 | 15.0 | 18.6 |

**324434** 2006 $ST_{409}$ 6 24.7 160.°73 3.°7/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.87 | −14 47.8 | 1.717 | 2.570 | 14.9 | 21.6 |
| 5 31 | 18 36.34 | −14 24.3 | 1.647 | 2.573 | 11.5 | 21.3 |
| 6 10 | 18 28.53 | −14 7.7 | 1.598 | 2.576 | 7.7 | 21.1 |
| 6 20 | 18 19.16 | −13 59.0 | 1.574 | 2.579 | 4.3 | 20.9 |
| 6 30 | 18 9.28 | −13 58.4 | 1.576 | 2.581 | 4.4 | 20.9 |
| 7 10 | 18 0.02 | −14 5.7 | 1.604 | 2.583 | 7.8 | 21.1 |
| 7 20 | 17 52.38 | −14 20.1 | 1.657 | 2.584 | 11.5 | 21.4 |
| 7 30 | 17 47.07 | −14 40.6 | 1.732 | 2.586 | 14.9 | 21.6 |

**515251** 2012 $DW_{63}$ 6 24.7 225.°71 3.°9/25.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.26 | − 9 18.3 | 2.840 | 3.663 | 10.5 | 22.2 |
| 5 31 | 18 31.43 | − 9 8.1 | 2.751 | 3.655 | 8.3 | 22.0 |
| 6 10 | 18 25.22 | − 9 5.6 | 2.686 | 3.646 | 6.0 | 21.8 |
| 6 20 | 18 18.05 | − 9 11.6 | 2.647 | 3.637 | 4.2 | 21.7 |
| 6 30 | 18 10.52 | − 9 26.1 | 2.637 | 3.628 | 4.2 | 21.7 |
| 7 10 | 18 3.26 | − 9 48.7 | 2.654 | 3.618 | 6.0 | 21.8 |
| 7 20 | 17 56.86 | −10 18.2 | 2.699 | 3.608 | 8.3 | 21.9 |
| 7 30 | 17 51.81 | −10 53.1 | 2.767 | 3.598 | 10.6 | 22.1 |

**323087** 2002 $TB_{387}$ 6 24.7 330.°49 5.°1/25.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.03 | −12 24.7 | 1.334 | 2.204 | 17.4 | 20.1 |
| 5 31 | 18 34.16 | −12 8.0 | 1.261 | 2.195 | 13.6 | 19.8 |
| 6 10 | 18 27.55 | −12 3.7 | 1.207 | 2.186 | 9.5 | 19.5 |
| 6 20 | 18 18.94 | −12 13.2 | 1.175 | 2.178 | 5.8 | 19.3 |
| 6 30 | 18 9.51 | −12 36.8 | 1.167 | 2.171 | 5.8 | 19.3 |
| 7 10 | 18 0.66 | −13 12.9 | 1.182 | 2.164 | 9.4 | 19.5 |
| 7 20 | 17 53.65 | −13 58.6 | 1.219 | 2.158 | 13.8 | 19.7 |
| 7 30 | 17 49.41 | −14 50.8 | 1.276 | 2.152 | 17.8 | 19.9 |

**57661** 2001 $UQ_{12}$ 6 24.7 258.°48 4.°1/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.77 | −12 29.0 | 2.244 | 3.085 | 12.3 | 19.5 |
| 5 31 | 18 32.89 | −11 55.8 | 2.158 | 3.075 | 9.6 | 19.3 |
| 6 10 | 18 26.26 | −11 28.8 | 2.096 | 3.066 | 6.8 | 19.1 |
| 6 20 | 18 18.43 | −11 9.4 | 2.059 | 3.057 | 4.4 | 19.0 |
| 6 30 | 18 10.13 | −10 58.7 | 2.050 | 3.047 | 4.5 | 19.0 |
| 7 10 | 18 2.22 | −10 57.0 | 2.067 | 3.037 | 7.0 | 19.1 |
| 7 20 | 17 55.43 | −11 3.8 | 2.111 | 3.027 | 9.9 | 19.3 |
| 7 30 | 17 50.39 | −11 18.2 | 2.177 | 3.018 | 12.7 | 19.4 |

**280944** 2006 $BC_{120}$ 6 24.7 314.°39 3.°5/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.23 | −32 5.8 | 1.603 | 2.467 | 15.2 | 19.7 |
| 5 31 | 18 37.24 | −32 12.0 | 1.522 | 2.456 | 11.7 | 19.5 |
| 6 10 | 18 29.40 | −32 10.8 | 1.463 | 2.445 | 7.8 | 19.2 |
| 6 20 | 18 19.54 | −31 58.6 | 1.427 | 2.434 | 4.2 | 19.0 |
| 6 30 | 18 8.93 | −31 33.5 | 1.417 | 2.424 | 4.3 | 19.0 |
| 7 10 | 17 59.04 | −30 56.4 | 1.432 | 2.414 | 8.1 | 19.2 |
| 7 20 | 17 51.10 | −30 10.7 | 1.470 | 2.404 | 12.2 | 19.4 |
| 7 30 | 17 46.04 | −29 21.0 | 1.530 | 2.395 | 16.0 | 19.6 |

**72123** 2000 $YP_{65}$ 6 24.7 48.°48 0.°8/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.14 | −22 29.0 | 1.551 | 2.420 | 15.4 | 18.6 |
| 5 31 | 18 35.93 | −22 10.9 | 1.494 | 2.434 | 11.5 | 18.4 |
| 6 10 | 18 28.29 | −21 53.5 | 1.460 | 2.448 | 7.1 | 18.2 |
| 6 20 | 18 19.10 | −21 36.2 | 1.449 | 2.462 | 2.4 | 17.9 |
| 6 30 | 18 9.53 | −21 19.1 | 1.464 | 2.477 | 2.7 | 18.0 |
| 7 10 | 18 0.84 | −21 3.0 | 1.505 | 2.492 | 7.2 | 18.3 |
| 7 20 | 17 54.02 | −20 48.9 | 1.569 | 2.507 | 11.3 | 18.6 |
| 7 30 | 17 49.74 | −20 38.0 | 1.655 | 2.523 | 14.8 | 18.8 |

**396424** 2014 $EN_{32}$ 6 24.7 62.°02 0.°5/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.72 | −23 52.8 | 2.005 | 2.864 | 12.8 | 21.0 |
| 5 31 | 18 34.60 | −24 6.9 | 1.933 | 2.867 | 9.6 | 20.7 |
| 6 10 | 18 27.42 | −24 21.7 | 1.883 | 2.870 | 5.9 | 20.5 |
| 6 20 | 18 18.84 | −24 35.3 | 1.860 | 2.873 | 2.0 | 20.3 |
| 6 30 | 18 9.78 | −24 46.1 | 1.863 | 2.876 | 2.2 | 20.3 |
| 7 10 | 18 1.27 | −24 53.6 | 1.894 | 2.879 | 6.2 | 20.6 |
| 7 20 | 17 54.19 | −24 58.1 | 1.950 | 2.883 | 9.8 | 20.8 |
| 7 30 | 17 49.22 | −25 0.5 | 2.029 | 2.886 | 12.9 | 21.0 |

**359863** 2011 $VR_{4}$ 6 24.7 177.°95 3.°1/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.72 | −33 16.4 | 2.381 | 3.224 | 11.6 | 21.1 |
| 5 31 | 18 35.90 | −33 26.2 | 2.303 | 3.225 | 8.9 | 21.0 |
| 6 10 | 18 28.12 | −33 29.7 | 2.250 | 3.225 | 6.0 | 20.8 |
| 6 20 | 18 19.05 | −33 24.5 | 2.222 | 3.225 | 3.5 | 20.6 |
| 6 30 | 18 9.57 | −33 9.3 | 2.223 | 3.225 | 3.6 | 20.6 |
| 7 10 | 18 0.65 | −32 44.6 | 2.251 | 3.225 | 6.2 | 20.8 |
| 7 20 | 17 53.13 | −32 12.4 | 2.306 | 3.225 | 9.1 | 21.0 |
| 7 30 | 17 47.64 | −31 35.7 | 2.384 | 3.225 | 11.8 | 21.1 |

**311125** 2004 $PN_{105}$ 6 24.7 300°.84 0°.2/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 40.06 | −25 55.9 | 2.153 | 3.009 | 12.2 | 20.0 |
| 5 31 | 18 34.77 | −25 26.5 | 2.065 | 2.997 | 9.2 | 19.8 |
| 6 10 | 18 27.49 | −24 53.5 | 2.000 | 2.986 | 5.7 | 19.5 |
| 6 20 | 18 18.87 | −24 16.4 | 1.961 | 2.974 | 1.9 | 19.3 |
| 6 30 | 18 9.77 | −23 35.9 | 1.950 | 2.963 | 2.1 | 19.3 |
| 7 10 | 18 1.18 | −22 53.4 | 1.967 | 2.952 | 6.0 | 19.5 |
| 7 20 | 17 53.94 | −22 11.0 | 2.010 | 2.941 | 9.6 | 19.7 |
| 7 30 | 17 48.72 | −21 31.2 | 2.077 | 2.930 | 12.8 | 19.9 |

**397049** 2005 $UU_{93}$ 6 24.7 7°.18 9°.9/22.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.16 | −44 18.1 | 1.686 | 2.524 | 15.8 | 19.8 |
| 5 31 | 18 38.45 | −45 56.5 | 1.628 | 2.526 | 13.3 | 19.6 |
| 6 10 | 18 30.43 | −47 21.4 | 1.591 | 2.528 | 11.2 | 19.5 |
| 6 20 | 18 19.95 | −48 24.6 | 1.575 | 2.531 | 9.9 | 19.4 |
| 6 30 | 18 8.49 | −48 59.6 | 1.584 | 2.535 | 10.3 | 19.5 |
| 7 10 | 17 57.83 | −49 5.5 | 1.615 | 2.540 | 12.0 | 19.6 |
| 7 20 | 17 49.49 | −48 45.6 | 1.667 | 2.545 | 14.2 | 19.7 |
| 7 30 | 17 44.53 | −48 6.4 | 1.738 | 2.552 | 16.6 | 19.9 |

**438596** 2007 $VC_{66}$ 6 24.7 327°.38 2°.7/24.5 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.44 | −28 53.6 | 1.735 | 2.600 | 14.2 | 21.5 |
| 5 31 | 18 35.66 | −29 21.8 | 1.658 | 2.593 | 10.8 | 21.2 |
| 6 10 | 18 28.34 | −29 47.4 | 1.603 | 2.587 | 7.0 | 21.0 |
| 6 20 | 18 19.21 | −30 7.0 | 1.572 | 2.581 | 3.4 | 20.8 |
| 6 30 | 18 9.38 | −30 17.6 | 1.567 | 2.576 | 3.7 | 20.8 |
| 7 10 | 18 0.13 | −30 18.6 | 1.588 | 2.570 | 7.4 | 21.0 |
| 7 20 | 17 52.59 | −30 11.1 | 1.633 | 2.565 | 11.3 | 21.2 |
| 7 30 | 17 47.62 | −29 57.8 | 1.700 | 2.561 | 14.8 | 21.4 |

**140359** 2001 $TL_{22}$ 6 24.7 337°.62 0°.6/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.54 | −24 53.1 | 1.733 | 2.602 | 14.1 | 19.1 |
| 5 31 | 18 34.11 | −24 56.8 | 1.655 | 2.594 | 10.6 | 18.8 |
| 6 10 | 18 27.32 | −24 59.9 | 1.599 | 2.587 | 6.6 | 18.6 |
| 6 20 | 18 18.86 | −25 0.9 | 1.568 | 2.581 | 2.2 | 18.3 |
| 6 30 | 18 9.79 | −24 58.4 | 1.562 | 2.575 | 2.5 | 18.3 |
| 7 10 | 18 1.28 | −24 52.3 | 1.582 | 2.569 | 6.9 | 18.6 |
| 7 20 | 17 54.38 | −24 43.6 | 1.627 | 2.564 | 11.0 | 18.8 |
| 7 30 | 17 49.87 | −24 33.9 | 1.693 | 2.560 | 14.6 | 19.0 |

**347471** 2012 $UW_{1}$ 6 24.7 296°.07 2°.3/24.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.01 | −17 1.9 | 1.751 | 2.612 | 14.3 | 20.8 |
| 5 31 | 18 34.43 | −17 1.6 | 1.667 | 2.599 | 10.9 | 20.6 |
| 6 10 | 18 27.53 | −17 7.6 | 1.604 | 2.587 | 7.1 | 20.3 |
| 6 20 | 18 18.95 | −17 19.8 | 1.565 | 2.575 | 3.3 | 20.0 |
| 6 30 | 18 9.67 | −17 37.3 | 1.553 | 2.563 | 3.3 | 20.0 |
| 7 10 | 18 0.82 | −17 59.0 | 1.567 | 2.551 | 7.3 | 20.2 |
| 7 20 | 17 53.43 | −18 23.9 | 1.605 | 2.539 | 11.3 | 20.5 |
| 7 30 | 17 48.33 | −18 51.2 | 1.664 | 2.528 | 15.0 | 20.7 |

**338514** 2003 $QR_{41}$ 6 24.7 343°.55 11°.0/24.2 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.81 | −42 51.7 | 1.170 | 2.042 | 19.1 | 19.2 |
| 5 31 | 18 35.46 | −43 58.7 | 1.100 | 2.024 | 16.1 | 18.9 |
| 6 10 | 18 29.10 | −44 49.2 | 1.047 | 2.006 | 13.2 | 18.7 |
| 6 20 | 18 19.64 | −45 13.6 | 1.013 | 1.991 | 11.2 | 18.5 |
| 6 30 | 18 8.89 | −45 4.2 | 1.000 | 1.977 | 11.4 | 18.5 |
| 7 10 | 17 59.12 | −44 20.3 | 1.006 | 1.966 | 13.8 | 18.6 |
| 7 20 | 17 52.27 | −43 7.7 | 1.032 | 1.956 | 17.1 | 18.7 |
| 7 30 | 17 49.57 | −41 36.2 | 1.074 | 1.948 | 20.6 | 18.9 |

**293197** 2007 $BH_{6}$ 6 24.7 154°.56 5°.3/25.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.80 | − 3 50.0 | 2.803 | 3.607 | 11.1 | 21.1 |
| 5 31 | 18 31.78 | − 3 39.3 | 2.729 | 3.613 | 9.1 | 21.0 |
| 6 10 | 18 25.41 | − 3 39.7 | 2.678 | 3.618 | 7.1 | 20.9 |
| 6 20 | 18 18.17 | − 3 51.9 | 2.654 | 3.624 | 5.6 | 20.8 |
| 6 30 | 18 10.63 | − 4 16.1 | 2.656 | 3.629 | 5.5 | 20.8 |
| 7 10 | 18 3.43 | − 4 51.4 | 2.686 | 3.633 | 6.8 | 20.9 |
| 7 20 | 17 57.13 | − 5 35.9 | 2.743 | 3.637 | 8.7 | 21.0 |
| 7 30 | 17 52.20 | − 6 27.4 | 2.823 | 3.641 | 10.8 | 21.1 |

**61408** 2000 $QR_{11}$ 6 24.7 46°.03 6°.2/24.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.47 | −38 30.1 | 1.655 | 2.503 | 15.6 | 18.7 |
| 5 31 | 18 40.40 | −38 54.8 | 1.587 | 2.504 | 12.4 | 18.5 |
| 6 10 | 18 31.30 | −39 7.2 | 1.540 | 2.506 | 9.1 | 18.3 |
| 6 20 | 18 20.16 | −39 2.0 | 1.517 | 2.508 | 6.6 | 18.2 |
| 6 30 | 18 8.42 | −38 36.4 | 1.519 | 2.510 | 6.6 | 18.2 |
| 7 10 | 17 57.67 | −37 51.9 | 1.546 | 2.512 | 9.2 | 18.4 |
| 7 20 | 17 49.18 | −36 53.0 | 1.596 | 2.514 | 12.5 | 18.6 |
| 7 30 | 17 43.78 | −35 46.4 | 1.668 | 2.517 | 15.6 | 18.8 |

**177297** 2003 $XD_{28}$ 6 24.7 119°.02 0°.3/24.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.95 | −24 5.8 | 1.679 | 2.538 | 14.9 | 21.3 |
| 5 31 | 18 38.73 | −24 6.6 | 1.617 | 2.551 | 11.1 | 21.1 |
| 6 10 | 18 30.03 | −24 7.0 | 1.577 | 2.563 | 6.9 | 20.8 |
| 6 20 | 18 19.72 | −24 5.3 | 1.562 | 2.575 | 2.2 | 20.6 |
| 6 30 | 18 8.96 | −24 0.4 | 1.573 | 2.586 | 2.5 | 20.6 |
| 7 10 | 17 59.03 | −23 52.4 | 1.611 | 2.597 | 7.0 | 20.9 |
| 7 20 | 17 50.96 | −23 42.5 | 1.675 | 2.607 | 11.1 | 21.2 |
| 7 30 | 17 45.48 | −23 32.6 | 1.760 | 2.617 | 14.5 | 21.4 |

**211125** 2002 $GY_{48}$ 6 24.7 135°.41 1°.4/24.8 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 44.10 | −20 12.2 | 1.584 | 2.445 | 15.5 | 21.1 |
| 5 31 | 18 38.24 | −20 5.6 | 1.518 | 2.452 | 11.7 | 20.9 |
| 6 10 | 18 29.82 | −20 2.3 | 1.473 | 2.459 | 7.3 | 20.6 |
| 6 20 | 18 19.68 | −20 1.3 | 1.453 | 2.466 | 2.7 | 20.4 |
| 6 30 | 18 9.01 | −20 1.9 | 1.460 | 2.472 | 2.9 | 20.4 |
| 7 10 | 17 59.10 | −20 3.7 | 1.492 | 2.478 | 7.5 | 20.7 |
| 7 20 | 17 51.05 | −20 7.1 | 1.549 | 2.483 | 11.7 | 20.9 |
| 7 30 | 17 45.64 | −20 12.5 | 1.628 | 2.489 | 15.4 | 21.2 |

**302424** 2002 $CH_{256}$ 6 24.7 164°.05 0°.2/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.82 | −21 43.0 | 2.618 | 3.465 | 10.6 | 21.4 |
| 5 31 | 18 33.49 | −21 57.3 | 2.541 | 3.468 | 7.9 | 21.2 |
| 6 10 | 18 26.57 | −22 13.4 | 2.488 | 3.472 | 4.9 | 21.0 |
| 6 20 | 18 18.58 | −22 29.8 | 2.462 | 3.474 | 1.6 | 20.8 |
| 6 30 | 18 10.22 | −22 45.6 | 2.464 | 3.477 | 1.8 | 20.8 |
| 7 10 | 18 2.24 | −23 0.0 | 2.496 | 3.479 | 5.0 | 21.0 |
| 7 20 | 17 55.32 | −23 12.8 | 2.555 | 3.481 | 8.0 | 21.2 |
| 7 30 | 17 50.03 | −23 24.3 | 2.638 | 3.483 | 10.6 | 21.4 |

**14133** 1998 $RJ_{17}$ 6 24.7 198°.57 5°.4/25.0 18 R

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.53 | − 8 21.8 | 2.150 | 2.975 | 13.3 | 19.1 |
| 5 31 | 18 35.75 | − 7 52.9 | 2.068 | 2.972 | 10.7 | 18.9 |
| 6 10 | 18 28.08 | − 7 33.8 | 2.009 | 2.967 | 7.9 | 18.7 |
| 6 20 | 18 19.10 | − 7 26.2 | 1.976 | 2.962 | 5.8 | 18.6 |
| 6 30 | 18 9.63 | − 7 31.1 | 1.969 | 2.957 | 5.7 | 18.6 |
| 7 10 | 18 0.57 | − 7 47.9 | 1.990 | 2.950 | 7.9 | 18.7 |
| 7 20 | 17 52.73 | − 8 15.5 | 2.036 | 2.943 | 10.8 | 18.9 |
| 7 30 | 17 46.78 | − 8 51.6 | 2.105 | 2.935 | 13.5 | 19.0 |

**330294** 2006 $TZ_{33}$ 6 24.7 223°.14 0°.6/24.8 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.44 | −21 1.9 | 1.956 | 2.807 | 13.4 | 22.2 |
| 5 31 | 18 37.58 | −21 11.8 | 1.868 | 2.798 | 10.1 | 21.9 |
| 6 10 | 18 29.41 | −21 24.6 | 1.803 | 2.787 | 6.3 | 21.7 |
| 6 20 | 18 19.59 | −21 38.7 | 1.764 | 2.776 | 2.2 | 21.4 |
| 6 30 | 18 9.07 | −21 52.6 | 1.752 | 2.765 | 2.4 | 21.4 |
| 7 10 | 17 58.97 | −22 5.4 | 1.768 | 2.752 | 6.6 | 21.6 |
| 7 20 | 17 50.32 | −22 17.0 | 1.810 | 2.740 | 10.6 | 21.8 |
| 7 30 | 17 43.92 | −22 28.0 | 1.875 | 2.726 | 14.1 | 22.0 |

**336247** 2008 $SH_{123}$ 6 24.7 311°.62 9°.0/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.88 | − 4 19.3 | 1.674 | 2.508 | 16.1 | 20.0 |
| 5 31 | 18 33.49 | − 3 3.1 | 1.599 | 2.499 | 13.4 | 19.8 |
| 6 10 | 18 26.90 | − 2 0.0 | 1.545 | 2.490 | 10.9 | 19.6 |
| 6 20 | 18 18.76 | − 1 15.1 | 1.513 | 2.481 | 9.2 | 19.5 |
| 6 30 | 18 10.02 | − 0 51.8 | 1.505 | 2.472 | 9.3 | 19.5 |
| 7 10 | 18 1.77 | − 0 51.5 | 1.521 | 2.464 | 11.3 | 19.6 |
| 7 20 | 17 54.96 | − 1 12.4 | 1.559 | 2.456 | 14.0 | 19.7 |
| 7 30 | 17 50.36 | − 1 51.1 | 1.616 | 2.448 | 16.8 | 19.9 |

**469304** 1998 $UV_{1}$ 6 24.7 303°.31 5°.4/24.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.14 | −34 56.0 | 1.768 | 2.620 | 14.6 | 20.8 |
| 5 31 | 18 39.08 | −35 36.8 | 1.658 | 2.581 | 11.6 | 20.6 |
| 6 10 | 18 30.92 | −36 12.1 | 1.569 | 2.542 | 8.3 | 20.3 |
| 6 20 | 18 20.25 | −36 36.0 | 1.504 | 2.502 | 5.7 | 20.0 |
| 6 30 | 18 8.22 | −36 43.3 | 1.465 | 2.462 | 6.1 | 20.0 |
| 7 10 | 17 56.38 | −36 31.9 | 1.452 | 2.422 | 9.3 | 20.0 |
| 7 20 | 17 46.23 | −36 3.4 | 1.461 | 2.381 | 13.3 | 20.2 |
| 7 30 | 17 39.05 | −35 22.6 | 1.492 | 2.341 | 17.1 | 20.3 |

**358873** 2008 $FR_{123}$ 6 24.7 309°.95 4°.7/24.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.35 | −10 5.1 | 2.249 | 3.087 | 12.4 | 21.2 |
| 5 31 | 18 31.83 | − 9 36.3 | 2.169 | 3.082 | 9.8 | 21.1 |
| 6 10 | 18 25.64 | − 9 15.9 | 2.113 | 3.077 | 7.1 | 20.9 |
| 6 20 | 18 18.31 | − 9 5.2 | 2.081 | 3.073 | 5.0 | 20.8 |
| 6 30 | 18 10.57 | − 9 5.2 | 2.077 | 3.069 | 5.0 | 20.7 |
| 7 10 | 18 3.22 | − 9 15.5 | 2.098 | 3.064 | 7.2 | 20.9 |
| 7 20 | 17 56.96 | − 9 35.3 | 2.146 | 3.060 | 9.9 | 21.0 |
| 7 30 | 17 52.39 | −10 2.9 | 2.215 | 3.056 | 12.5 | 21.2 |

**519222** 2010 $UQ_{109}$ 6 24.7 270°.32 2°.0/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.33 | −27 28.4 | 2.443 | 3.293 | 11.1 | 21.1 |
| 5 31 | 18 34.22 | −28 10.2 | 2.355 | 3.284 | 8.4 | 20.9 |
| 6 10 | 18 27.22 | −28 51.6 | 2.291 | 3.274 | 5.4 | 20.7 |
| 6 20 | 18 18.87 | −29 29.9 | 2.254 | 3.264 | 2.5 | 20.5 |
| 6 30 | 18 9.93 | −30 2.4 | 2.246 | 3.254 | 2.8 | 20.5 |
| 7 10 | 18 1.30 | −30 27.8 | 2.265 | 3.244 | 5.8 | 20.7 |
| 7 20 | 17 53.81 | −30 45.7 | 2.311 | 3.234 | 8.9 | 20.9 |
| 7 30 | 17 48.16 | −30 57.2 | 2.381 | 3.223 | 11.7 | 21.0 |

**196616** 2003 $QE_{108}$ 6 24.7 55°.36 24°.9/30.1 18 R

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 19 20.02 | −66 57.7 | 0.978 | 1.748 | 29.1 | 19.6 |
| 5 31 | 19 14.03 | −69 9.6 | 0.947 | 1.754 | 27.5 | 19.5 |
| 6 10 | 18 56.21 | −70 39.8 | 0.927 | 1.761 | 26.2 | 19.5 |
| 6 20 | 18 28.82 | −71 5.3 | 0.917 | 1.767 | 25.3 | 19.4 |
| 6 30 | 17 59.56 | −70 10.9 | 0.920 | 1.775 | 24.9 | 19.4 |
| 7 10 | 17 37.05 | −68 2.3 | 0.936 | 1.782 | 25.2 | 19.5 |
| 7 20 | 17 24.95 | −65 0.3 | 0.966 | 1.790 | 26.2 | 19.6 |
| 7 30 | 17 22.62 | −61 28.3 | 1.008 | 1.797 | 27.5 | 19.7 |

**225878** 2001 $YB_{62}$ 6 24.7 227°.98 0°.4/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 42.98 | −23 35.4 | 2.238 | 3.085 | 12.1 | 21.3 |
| 5 31 | 18 37.03 | −23 50.0 | 2.145 | 3.073 | 9.1 | 21.1 |
| 6 10 | 18 29.00 | −24 5.3 | 2.075 | 3.059 | 5.7 | 20.9 |
| 6 20 | 18 19.47 | −24 19.7 | 2.032 | 3.045 | 1.9 | 20.6 |
| 6 30 | 18 9.29 | −24 31.4 | 2.018 | 3.030 | 2.1 | 20.6 |
| 7 10 | 17 59.46 | −24 39.7 | 2.032 | 3.015 | 6.0 | 20.8 |
| 7 20 | 17 50.91 | −24 44.7 | 2.073 | 2.999 | 9.6 | 21.0 |
| 7 30 | 17 44.37 | −24 47.6 | 2.137 | 2.982 | 12.8 | 21.2 |

**136551** 6864 *P–L* 6 24.7 260°.37 1°.9/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.09 | −18 43.2 | 1.566 | 2.430 | 15.5 | 20.6 |
| 5 31 | 18 37.03 | −18 41.7 | 1.484 | 2.419 | 11.9 | 20.3 |
| 6 10 | 18 29.30 | −18 45.6 | 1.423 | 2.409 | 7.6 | 20.0 |
| 6 20 | 18 19.62 | −18 54.1 | 1.386 | 2.398 | 3.1 | 19.7 |
| 6 30 | 18 9.12 | −19 6.2 | 1.375 | 2.386 | 3.2 | 19.7 |
| 7 10 | 17 59.13 | −19 20.9 | 1.389 | 2.375 | 7.8 | 19.9 |
| 7 20 | 17 50.86 | −19 37.6 | 1.427 | 2.364 | 12.4 | 20.2 |
| 7 30 | 17 45.25 | −19 56.3 | 1.487 | 2.352 | 16.3 | 20.4 |

**280075** 2002 $CH_{228}$ 6 24.7 145°.78 0°.9/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.73 | −21 7.5 | 2.245 | 3.091 | 12.1 | 22.0 |
| 5 31 | 18 36.53 | −20 58.5 | 2.175 | 3.102 | 9.1 | 21.9 |
| 6 10 | 18 28.49 | −20 50.8 | 2.129 | 3.112 | 5.6 | 21.7 |
| 6 20 | 18 19.25 | −20 43.5 | 2.110 | 3.122 | 2.0 | 21.4 |
| 6 30 | 18 9.67 | −20 36.6 | 2.119 | 3.131 | 2.2 | 21.5 |
| 7 10 | 18 0.66 | −20 30.0 | 2.157 | 3.139 | 5.7 | 21.7 |
| 7 20 | 17 52.99 | −20 24.3 | 2.221 | 3.147 | 9.1 | 21.9 |
| 7 30 | 17 47.27 | −20 20.2 | 2.309 | 3.154 | 12.0 | 22.1 |

**260471** 2005 $BT_{25}$ 6 24.7 161°.32 2°.4/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.52 | −17 16.2 | 1.672 | 2.528 | 15.1 | 21.1 |
| 5 31 | 18 37.74 | −17 11.0 | 1.602 | 2.532 | 11.5 | 20.8 |
| 6 10 | 18 29.53 | −17 11.7 | 1.553 | 2.536 | 7.4 | 20.6 |
| 6 20 | 18 19.65 | −17 17.8 | 1.529 | 2.539 | 3.4 | 20.4 |
| 6 30 | 18 9.21 | −17 28.7 | 1.532 | 2.542 | 3.4 | 20.4 |
| 7 10 | 17 59.41 | −17 43.4 | 1.561 | 2.544 | 7.4 | 20.6 |
| 7 20 | 17 51.32 | −18 1.2 | 1.615 | 2.546 | 11.5 | 20.9 |
| 7 30 | 17 45.71 | −18 21.6 | 1.690 | 2.548 | 15.1 | 21.1 |

**119070** 2001 $KP_{77}$ 6 24.7 21°.91 0°.1/24.7 05 C

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 17.91 | −26 35.2 | 36.073 | 36.916 | 0.9 | 22.8 |
| 5 31 | 18 17.07 | −26 36.1 | 35.992 | 36.919 | 0.6 | 22.7 |
| 6 10 | 18 16.16 | −26 36.8 | 35.938 | 36.922 | 0.4 | 22.7 |
| 6 20 | 18 15.18 | −26 37.3 | 35.912 | 36.924 | 0.2 | 22.7 |
| 6 30 | 18 14.20 | −26 37.7 | 35.916 | 36.927 | 0.2 | 22.7 |
| 7 10 | 18 13.23 | −26 37.9 | 35.947 | 36.929 | 0.4 | 22.7 |
| 7 20 | 18 12.31 | −26 38.0 | 36.007 | 36.932 | 0.7 | 22.7 |
| 7 30 | 18 11.48 | −26 37.8 | 36.094 | 36.934 | 0.9 | 22.8 |

**342091** 2008 $SO_{53}$ 6 24.7 247°.77 6°.7/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.60 | − 4 48.7 | 2.258 | 3.072 | 13.1 | 21.9 |
| 5 31 | 18 34.37 | − 4 5.7 | 2.164 | 3.053 | 10.8 | 21.7 |
| 6 10 | 18 27.30 | − 3 33.4 | 2.092 | 3.035 | 8.6 | 21.5 |
| 6 20 | 18 18.93 | − 3 14.4 | 2.045 | 3.015 | 6.9 | 21.4 |
| 6 30 | 18 9.97 | − 3 10.8 | 2.024 | 2.996 | 7.0 | 21.3 |
| 7 10 | 18 1.30 | − 3 22.7 | 2.030 | 2.975 | 8.7 | 21.4 |
| 7 20 | 17 53.68 | − 3 49.1 | 2.061 | 2.954 | 11.3 | 21.5 |
| 7 30 | 17 47.81 | − 4 27.6 | 2.114 | 2.932 | 13.9 | 21.7 |

**192762** 1999 $TR_{293}$ 6 24.7 192°.40 4°.0/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.51 | −34 43.2 | 2.379 | 3.216 | 11.8 | 21.0 |
| 5 31 | 18 38.18 | −35 18.8 | 2.299 | 3.214 | 9.2 | 20.9 |
| 6 10 | 18 29.69 | −35 48.3 | 2.243 | 3.212 | 6.5 | 20.7 |
| 6 20 | 18 19.70 | −36 8.0 | 2.213 | 3.209 | 4.3 | 20.5 |
| 6 30 | 18 9.15 | −36 15.2 | 2.211 | 3.206 | 4.5 | 20.5 |
| 7 10 | 17 59.12 | −36 9.7 | 2.237 | 3.202 | 6.8 | 20.7 |
| 7 20 | 17 50.52 | −35 53.0 | 2.289 | 3.198 | 9.6 | 20.9 |
| 7 30 | 17 44.09 | −35 28.2 | 2.364 | 3.193 | 12.2 | 21.0 |

**502376** 2015 $BS_{242}$ 6 24.7 224°.71 0°.9/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.87 | −26 39.2 | 1.925 | 2.776 | 13.6 | 22.1 |
| 5 31 | 18 39.46 | −26 27.8 | 1.836 | 2.765 | 10.3 | 21.9 |
| 6 10 | 18 30.61 | −26 13.0 | 1.770 | 2.754 | 6.5 | 21.6 |
| 6 20 | 18 20.03 | −25 52.9 | 1.730 | 2.743 | 2.3 | 21.3 |
| 6 30 | 18 8.80 | −25 26.9 | 1.718 | 2.730 | 2.5 | 21.3 |
| 7 10 | 17 58.13 | −24 55.9 | 1.733 | 2.717 | 6.8 | 21.6 |
| 7 20 | 17 49.09 | −24 22.3 | 1.775 | 2.703 | 10.8 | 21.8 |
| 7 30 | 17 42.49 | −23 48.9 | 1.839 | 2.689 | 14.3 | 22.0 |

**891** Gunhild 6 24.7 236°.74 1°.6/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.73 | −16 44.8 | 2.066 | 2.916 | 12.9 | 14.7 |
| 5 31 | 18 34.63 | −17 13.1 | 1.986 | 2.914 | 9.8 | 14.4 |
| 6 10 | 18 27.53 | −17 48.5 | 1.929 | 2.911 | 6.2 | 14.2 |
| 6 20 | 18 19.02 | −18 29.6 | 1.898 | 2.909 | 2.6 | 14.0 |
| 6 30 | 18 9.94 | −19 14.3 | 1.895 | 2.907 | 2.6 | 14.0 |
| 7 10 | 18 1.27 | −20 0.3 | 1.920 | 2.904 | 6.2 | 14.2 |
| 7 20 | 17 53.87 | −20 45.8 | 1.971 | 2.902 | 9.8 | 14.4 |
| 7 30 | 17 48.45 | −21 29.9 | 2.045 | 2.899 | 12.9 | 14.6 |

**198384** 2004 $VD_{30}$ 6 24.7 197°.37 0°.8/24.8 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 41.19 | −20 59.0 | 2.018 | 2.872 | 13.0 | 20.8 |
| 5 31 | 18 35.74 | −21 1.7 | 1.939 | 2.870 | 9.8 | 20.6 |
| 6 10 | 18 28.21 | −21 6.9 | 1.884 | 2.869 | 6.1 | 20.3 |
| 6 20 | 18 19.23 | −21 13.2 | 1.854 | 2.866 | 2.1 | 20.1 |
| 6 30 | 18 9.74 | −21 19.8 | 1.852 | 2.864 | 2.3 | 20.1 |
| 7 10 | 18 0.74 | −21 26.2 | 1.877 | 2.861 | 6.3 | 20.3 |
| 7 20 | 17 53.13 | −21 32.4 | 1.928 | 2.858 | 10.0 | 20.6 |
| 7 30 | 17 47.63 | −21 39.0 | 2.001 | 2.855 | 13.2 | 20.8 |

**259128** 2002 $XH_{45}$ 6 24.7 355°.66 4°.3/23.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 50.07 | −25 0.2 | 0.935 | 1.822 | 21.5 | 19.0 |
| 5 31 | 18 44.00 | −22 31.0 | 0.872 | 1.820 | 16.4 | 18.7 |
| 6 10 | 18 33.91 | −19 45.8 | 0.829 | 1.819 | 10.5 | 18.4 |
| 6 20 | 18 21.15 | −16 52.0 | 0.808 | 1.818 | 5.0 | 18.1 |
| 6 30 | 18 7.76 | −14 2.8 | 0.810 | 1.818 | 6.3 | 18.1 |
| 7 10 | 17 55.92 | −11 32.4 | 0.836 | 1.818 | 12.2 | 18.4 |
| 7 20 | 17 47.20 | − 9 31.2 | 0.882 | 1.819 | 17.9 | 18.8 |
| 7 30 | 17 42.51 | − 8 2.3 | 0.946 | 1.820 | 22.7 | 19.1 |

**276086** 2002 $CG_{302}$ 6 24.7 117°.98 1°.6/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.82 | −17 37.5 | 1.934 | 2.785 | 13.6 | 20.9 |
| 5 31 | 18 36.15 | −17 52.1 | 1.868 | 2.796 | 10.2 | 20.7 |
| 6 10 | 18 28.41 | −18 12.4 | 1.824 | 2.807 | 6.5 | 20.5 |
| 6 20 | 18 19.29 | −18 37.1 | 1.807 | 2.818 | 2.7 | 20.3 |
| 6 30 | 18 9.73 | −19 4.6 | 1.817 | 2.828 | 2.7 | 20.3 |
| 7 10 | 18 0.75 | −19 33.4 | 1.855 | 2.838 | 6.4 | 20.6 |
| 7 20 | 17 53.24 | −20 2.5 | 1.918 | 2.848 | 10.0 | 20.8 |
| 7 30 | 17 47.88 | −20 31.2 | 2.004 | 2.858 | 13.2 | 21.1 |

**504876** 2010 $VW_{85}$ 6 24.7 302°.98 2°.3/24.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.58 | −25 57.0 | 1.331 | 2.210 | 16.9 | 21.5 |
| 5 31 | 18 37.60 | −26 34.3 | 1.237 | 2.181 | 13.0 | 21.2 |
| 6 10 | 18 30.26 | −27 14.6 | 1.164 | 2.153 | 8.3 | 20.9 |
| 6 20 | 18 20.16 | −27 53.2 | 1.112 | 2.124 | 3.4 | 20.5 |
| 6 30 | 18 8.59 | −28 25.3 | 1.084 | 2.096 | 4.0 | 20.4 |
| 7 10 | 17 57.28 | −28 47.6 | 1.081 | 2.068 | 9.3 | 20.7 |
| 7 20 | 17 47.95 | −28 59.8 | 1.099 | 2.040 | 14.7 | 20.9 |
| 7 30 | 17 41.97 | −29 4.1 | 1.135 | 2.013 | 19.4 | 21.1 |

**361453** 2007 $CE_{5}$ 6 24.7 176°.85 3°.0/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.34 | −34 19.4 | 3.013 | 3.845 | 9.7 | 22.3 |
| 5 31 | 18 35.33 | −34 35.2 | 2.934 | 3.847 | 7.5 | 22.1 |
| 6 10 | 18 27.71 | −34 45.4 | 2.879 | 3.848 | 5.2 | 22.0 |
| 6 20 | 18 19.04 | −34 47.9 | 2.851 | 3.849 | 3.3 | 21.8 |
| 6 30 | 18 10.03 | −34 41.4 | 2.852 | 3.850 | 3.4 | 21.8 |
| 7 10 | 18 1.46 | −34 26.0 | 2.882 | 3.850 | 5.4 | 22.0 |
| 7 20 | 17 53.99 | −34 3.2 | 2.939 | 3.850 | 7.7 | 22.1 |
| 7 30 | 17 48.17 | −33 35.0 | 3.021 | 3.849 | 9.9 | 22.3 |

**143518** 2003 $ED_{10}$ 6 24.7 150°.18 3°.9/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.25 | −35 46.5 | 2.395 | 3.232 | 11.7 | 20.4 |
| 5 31 | 18 37.10 | −35 59.6 | 2.322 | 3.236 | 9.2 | 20.2 |
| 6 10 | 18 28.94 | −36 4.7 | 2.271 | 3.240 | 6.4 | 20.0 |
| 6 20 | 18 19.46 | −35 59.2 | 2.247 | 3.244 | 4.2 | 19.9 |
| 6 30 | 18 9.60 | −35 41.6 | 2.251 | 3.247 | 4.3 | 19.9 |
| 7 10 | 18 0.36 | −35 12.6 | 2.282 | 3.250 | 6.5 | 20.0 |
| 7 20 | 17 52.59 | −34 34.6 | 2.339 | 3.253 | 9.2 | 20.2 |
| 7 30 | 17 46.93 | −33 51.0 | 2.420 | 3.256 | 11.8 | 20.4 |

**233673** 2008 $RP_{45}$ 6 24.7 198°.55 1°.2/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.35 | −26 6.3 | 2.027 | 2.881 | 12.9 | 21.8 |
| 5 31 | 18 36.70 | −26 22.9 | 1.948 | 2.880 | 9.7 | 21.6 |
| 6 10 | 18 28.86 | −26 38.6 | 1.893 | 2.877 | 6.1 | 21.4 |
| 6 20 | 18 19.48 | −26 50.8 | 1.863 | 2.875 | 2.3 | 21.1 |
| 6 30 | 18 9.55 | −26 57.9 | 1.861 | 2.872 | 2.5 | 21.1 |
| 7 10 | 18 0.14 | −26 59.3 | 1.886 | 2.869 | 6.4 | 21.4 |
| 7 20 | 17 52.21 | −26 55.9 | 1.937 | 2.866 | 10.0 | 21.6 |
| 7 30 | 17 46.49 | −26 49.2 | 2.011 | 2.862 | 13.2 | 21.8 |

**198025** 2004 $RX_{229}$ 6 24.8 298°.57 2°.3/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.79 | −18 24.7 | 1.665 | 2.529 | 14.8 | 20.6 |
| 5 31 | 18 35.14 | −18 8.8 | 1.583 | 2.518 | 11.3 | 20.4 |
| 6 10 | 18 28.06 | −17 57.1 | 1.523 | 2.508 | 7.3 | 20.1 |
| 6 20 | 18 19.27 | −17 49.8 | 1.487 | 2.498 | 3.2 | 19.9 |
| 6 30 | 18 9.78 | −17 46.9 | 1.477 | 2.488 | 3.4 | 19.9 |
| 7 10 | 18 0.81 | −17 48.2 | 1.493 | 2.478 | 7.5 | 20.1 |
| 7 20 | 17 53.41 | −17 53.7 | 1.533 | 2.468 | 11.7 | 20.3 |
| 7 30 | 17 48.43 | −18 3.3 | 1.594 | 2.459 | 15.4 | 20.5 |

**47484** 2000 $AC_{18}$ 6 24.8 146°.92 0°.6/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.74 | −25 29.5 | 1.719 | 2.578 | 14.6 | 19.1 |
| 5 31 | 18 38.67 | −25 21.3 | 1.650 | 2.583 | 11.0 | 18.8 |
| 6 10 | 18 30.11 | −25 11.0 | 1.602 | 2.588 | 6.8 | 18.6 |
| 6 20 | 18 19.89 | −24 57.1 | 1.580 | 2.593 | 2.3 | 18.3 |
| 6 30 | 18 9.17 | −24 38.8 | 1.584 | 2.597 | 2.5 | 18.3 |
| 7 10 | 17 59.22 | −24 17.0 | 1.616 | 2.601 | 7.0 | 18.6 |
| 7 20 | 17 51.08 | −23 53.6 | 1.672 | 2.605 | 11.1 | 18.9 |
| 7 30 | 17 45.52 | −23 30.9 | 1.750 | 2.608 | 14.6 | 19.1 |

**254042** 2004 $GF_{20}$ 6 24.8 83°.06 15°.1/20.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 47.48 | − 4 20.6 | 1.032 | 1.884 | 22.5 | 19.6 |
| 5 31 | 18 41.53 | − 0 54.3 | 0.982 | 1.888 | 19.2 | 19.4 |
| 6 10 | 18 32.23 | + 2 17.7 | 0.951 | 1.892 | 16.4 | 19.3 |
| 6 20 | 18 20.64 | + 5 0.1 | 0.942 | 1.895 | 15.1 | 19.2 |
| 6 30 | 18 8.39 | + 6 59.7 | 0.954 | 1.899 | 16.0 | 19.3 |
| 7 10 | 17 57.27 | + 8 10.6 | 0.985 | 1.903 | 18.4 | 19.4 |
| 7 20 | 17 48.69 | + 8 35.2 | 1.034 | 1.906 | 21.4 | 19.6 |
| 7 30 | 17 43.55 | + 8 21.1 | 1.098 | 1.910 | 24.3 | 19.8 |

**361486** 2007 $DO_{99}$ 6 24.8 232°.92 5°.6/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.75 | −41 17.4 | 2.599 | 3.419 | 11.4 | 20.8 |
| 5 31 | 18 37.64 | −41 51.1 | 2.516 | 3.412 | 9.3 | 20.7 |
| 6 10 | 18 29.39 | −42 15.2 | 2.457 | 3.405 | 7.2 | 20.5 |
| 6 20 | 18 19.67 | −42 25.8 | 2.423 | 3.397 | 5.8 | 20.4 |
| 6 30 | 18 9.41 | −42 20.5 | 2.416 | 3.389 | 5.9 | 20.4 |
| 7 10 | 17 59.67 | −41 59.4 | 2.436 | 3.381 | 7.5 | 20.5 |
| 7 20 | 17 51.37 | −41 24.5 | 2.481 | 3.373 | 9.7 | 20.6 |
| 7 30 | 17 45.22 | −40 39.6 | 2.549 | 3.364 | 11.9 | 20.8 |

**303972** 2006 $BN_5$ 6 24.8 158°.77 2°.4/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.14 | −18 44.0 | 1.546 | 2.405 | 15.9 | 21.0 |
| 5 31 | 18 39.12 | −18 21.9 | 1.478 | 2.410 | 12.1 | 20.8 |
| 6 10 | 18 30.47 | −18 3.8 | 1.431 | 2.414 | 7.7 | 20.5 |
| 6 20 | 18 20.04 | −17 49.5 | 1.408 | 2.418 | 3.4 | 20.3 |
| 6 30 | 18 9.03 | −17 39.2 | 1.412 | 2.422 | 3.6 | 20.3 |
| 7 10 | 17 58.79 | −17 33.2 | 1.441 | 2.425 | 7.9 | 20.6 |
| 7 20 | 17 50.45 | −17 32.0 | 1.495 | 2.427 | 12.2 | 20.8 |
| 7 30 | 17 44.80 | −17 35.6 | 1.570 | 2.429 | 15.9 | 21.1 |

**34108** 2000 $PN_{23}$ 6 24.8 290°.45 0°.5/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.24 | −21 42.9 | 2.111 | 2.966 | 12.4 | 19.3 |
| 5 31 | 18 34.45 | −21 45.7 | 2.009 | 2.942 | 9.4 | 19.1 |
| 6 10 | 18 27.56 | −21 50.4 | 1.931 | 2.917 | 5.9 | 18.8 |
| 6 20 | 18 19.12 | −21 55.9 | 1.879 | 2.892 | 2.0 | 18.5 |
| 6 30 | 18 9.96 | −22 1.3 | 1.854 | 2.867 | 2.2 | 18.5 |
| 7 10 | 18 1.08 | −22 6.1 | 1.856 | 2.842 | 6.3 | 18.7 |
| 7 20 | 17 53.41 | −22 10.2 | 1.884 | 2.816 | 10.1 | 18.9 |
| 7 30 | 17 47.73 | −22 14.4 | 1.935 | 2.791 | 13.5 | 19.0 |

**440513** 2005 $UB_{36}$ 6 24.8 216°.51 0°.2/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.73 | −23 45.1 | 2.767 | 3.612 | 10.1 | 22.5 |
| 5 31 | 18 33.47 | −23 51.3 | 2.678 | 3.606 | 7.6 | 22.4 |
| 6 10 | 18 26.64 | −23 57.6 | 2.615 | 3.599 | 4.7 | 22.2 |
| 6 20 | 18 18.74 | −24 2.8 | 2.579 | 3.592 | 1.5 | 21.9 |
| 6 30 | 18 10.44 | −24 6.2 | 2.572 | 3.584 | 1.7 | 21.9 |
| 7 10 | 18 2.47 | −24 7.4 | 2.593 | 3.576 | 4.9 | 22.1 |
| 7 20 | 17 55.50 | −24 6.8 | 2.642 | 3.568 | 7.8 | 22.3 |
| 7 30 | 17 50.08 | −24 5.1 | 2.715 | 3.560 | 10.4 | 22.5 |

**509628** 2008 $FJ_{72}$ 6 24.8 352°.12 1°.0/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.09 | −19 22.5 | 1.883 | 2.747 | 13.3 | 20.9 |
| 5 31 | 18 32.86 | −19 40.0 | 1.807 | 2.743 | 10.1 | 20.7 |
| 6 10 | 18 26.54 | −20 2.7 | 1.753 | 2.740 | 6.3 | 20.5 |
| 6 20 | 18 18.76 | −20 28.9 | 1.724 | 2.737 | 2.3 | 20.2 |
| 6 30 | 18 10.42 | −20 57.2 | 1.722 | 2.735 | 2.4 | 20.2 |
| 7 10 | 18 2.55 | −21 25.8 | 1.746 | 2.733 | 6.4 | 20.5 |
| 7 20 | 17 56.05 | −21 53.8 | 1.795 | 2.732 | 10.2 | 20.7 |
| 7 30 | 17 51.64 | −22 20.6 | 1.866 | 2.731 | 13.5 | 20.9 |

**71183** 1999 $XO_{215}$ 6 24.8 129°.59 3°.4/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.16 | −12 57.0 | 2.318 | 3.153 | 12.1 | 20.2 |
| 5 31 | 18 34.54 | −12 45.6 | 2.251 | 3.166 | 9.4 | 20.1 |
| 6 10 | 18 27.28 | −12 41.2 | 2.208 | 3.179 | 6.4 | 19.9 |
| 6 20 | 18 18.94 | −12 43.9 | 2.191 | 3.191 | 3.8 | 19.8 |
| 6 30 | 18 10.28 | −12 53.8 | 2.202 | 3.203 | 3.8 | 19.8 |
| 7 10 | 18 2.12 | −13 10.1 | 2.241 | 3.214 | 6.2 | 20.0 |
| 7 20 | 17 55.15 | −13 31.7 | 2.306 | 3.225 | 9.1 | 20.2 |
| 7 30 | 17 49.92 | −13 57.7 | 2.395 | 3.236 | 11.7 | 20.4 |

**268334** 2005 $SD_{101}$ 6 24.8 284°.19 3°.6/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.57 | −31 14.7 | 1.629 | 2.491 | 15.1 | 21.3 |
| 5 31 | 18 38.40 | −31 38.5 | 1.545 | 2.477 | 11.7 | 21.0 |
| 6 10 | 18 30.31 | −31 57.1 | 1.481 | 2.463 | 7.8 | 20.8 |
| 6 20 | 18 20.08 | −32 6.4 | 1.442 | 2.448 | 4.3 | 20.5 |
| 6 30 | 18 8.95 | −32 3.1 | 1.428 | 2.434 | 4.5 | 20.5 |
| 7 10 | 17 58.40 | −31 46.9 | 1.439 | 2.419 | 8.3 | 20.7 |
| 7 20 | 17 49.75 | −31 20.0 | 1.474 | 2.405 | 12.4 | 20.9 |
| 7 30 | 17 44.01 | −30 46.6 | 1.530 | 2.391 | 16.2 | 21.1 |

**237999** 2002 $TF_{46}$ 6 24.8 323°.36 4°.1/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.47 | −31 27.5 | 1.637 | 2.504 | 14.8 | 20.0 |
| 5 31 | 18 36.06 | −32 6.4 | 1.556 | 2.491 | 11.5 | 19.7 |
| 6 10 | 18 28.87 | −32 41.3 | 1.496 | 2.478 | 7.8 | 19.5 |
| 6 20 | 18 19.62 | −33 7.6 | 1.460 | 2.465 | 4.6 | 19.3 |
| 6 30 | 18 9.49 | −33 21.4 | 1.449 | 2.453 | 4.9 | 19.3 |
| 7 10 | 17 59.91 | −33 21.5 | 1.463 | 2.442 | 8.4 | 19.4 |
| 7 20 | 17 52.16 | −33 9.3 | 1.500 | 2.431 | 12.3 | 19.6 |
| 7 30 | 17 47.20 | −32 48.5 | 1.558 | 2.421 | 15.9 | 19.8 |

**381953** 2010 $EB_{40}$ 6 24.8 84°.11 0°.6/24.8 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 42.84 | −23 2.7 | 1.890 | 2.746 | 13.6 | 20.4 |
| 5 31 | 18 36.85 | −22 42.7 | 1.832 | 2.765 | 10.2 | 20.2 |
| 6 10 | 18 28.79 | −22 22.5 | 1.797 | 2.783 | 6.3 | 20.0 |
| 6 20 | 18 19.44 | −22 1.5 | 1.788 | 2.801 | 2.1 | 19.7 |
| 6 30 | 18 9.82 | −21 39.9 | 1.806 | 2.819 | 2.3 | 19.8 |
| 7 10 | 18 0.97 | −21 18.7 | 1.852 | 2.837 | 6.3 | 20.1 |
| 7 20 | 17 53.75 | −20 59.0 | 1.923 | 2.854 | 9.9 | 20.3 |
| 7 30 | 17 48.75 | −20 42.2 | 2.017 | 2.872 | 13.1 | 20.6 |

**402134** 2004 $PD_{29}$ 6 24.8 295°.06 3°.7/24.8 15

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.38 | −13 43.9 | 2.193 | 3.039 | 12.4 | 21.1 |
| 5 31 | 18 32.86 | −13 15.5 | 2.094 | 3.016 | 9.7 | 20.8 |
| 6 10 | 18 26.48 | −12 52.6 | 2.019 | 2.993 | 6.7 | 20.6 |
| 6 20 | 18 18.77 | −12 36.4 | 1.969 | 2.970 | 4.1 | 20.4 |
| 6 30 | 18 10.46 | −12 27.9 | 1.947 | 2.948 | 4.2 | 20.4 |
| 7 10 | 18 2.42 | −12 27.4 | 1.951 | 2.925 | 7.0 | 20.5 |
| 7 20 | 17 55.48 | −12 34.7 | 1.980 | 2.902 | 10.2 | 20.7 |
| 7 30 | 17 50.33 | −12 49.1 | 2.032 | 2.880 | 13.3 | 20.8 |

**480652** 2015 $OY_{11}$ 6 24.8 337°.40 2°.7/25.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.72 | −14 9.4 | 2.028 | 2.878 | 13.1 | 20.7 |
| 5 31 | 18 33.16 | −14 24.2 | 1.949 | 2.875 | 10.0 | 20.5 |
| 6 10 | 18 26.66 | −14 47.6 | 1.893 | 2.871 | 6.7 | 20.3 |
| 6 20 | 18 18.82 | −15 19.0 | 1.862 | 2.868 | 3.5 | 20.1 |
| 6 30 | 18 10.44 | −15 57.2 | 1.857 | 2.865 | 3.4 | 20.1 |
| 7 10 | 18 2.46 | −16 40.2 | 1.880 | 2.862 | 6.5 | 20.2 |
| 7 20 | 17 55.72 | −17 26.0 | 1.929 | 2.860 | 9.9 | 20.5 |
| 7 30 | 17 50.91 | −18 13.0 | 2.000 | 2.858 | 13.1 | 20.6 |

**283562** 2001 $VK_{60}$ 6 24.8 80°.61 3°.9/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.77 | −16 26.8 | 1.666 | 2.523 | 15.1 | 19.8 |
| 5 31 | 18 36.39 | −15 31.7 | 1.596 | 2.525 | 11.6 | 19.5 |
| 6 10 | 18 28.70 | −14 40.5 | 1.548 | 2.527 | 7.8 | 19.3 |
| 6 20 | 18 19.47 | −13 55.2 | 1.524 | 2.529 | 4.4 | 19.1 |
| 6 30 | 18 9.76 | −13 17.9 | 1.527 | 2.531 | 4.7 | 19.1 |
| 7 10 | 18 0.74 | −12 50.3 | 1.556 | 2.533 | 8.1 | 19.3 |
| 7 20 | 17 53.38 | −12 33.1 | 1.609 | 2.535 | 11.9 | 19.6 |
| 7 30 | 17 48.40 | −12 26.1 | 1.683 | 2.537 | 15.3 | 19.8 |

**264301** 1999 $AW_{29}$ 6 24.8 125°.93 0°.7/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.86 | −25 10.6 | 1.998 | 2.848 | 13.2 | 22.3 |
| 5 31 | 18 38.39 | −25 18.1 | 1.935 | 2.864 | 9.9 | 22.2 |
| 6 10 | 18 29.78 | −25 24.5 | 1.895 | 2.879 | 6.1 | 22.0 |
| 6 20 | 18 19.79 | −25 27.9 | 1.881 | 2.893 | 2.1 | 21.7 |
| 6 30 | 18 9.44 | −25 27.0 | 1.895 | 2.907 | 2.3 | 21.8 |
| 7 10 | 17 59.79 | −25 21.8 | 1.937 | 2.920 | 6.2 | 22.0 |
| 7 20 | 17 51.75 | −25 13.5 | 2.005 | 2.933 | 9.8 | 22.3 |
| 7 30 | 17 45.96 | −25 3.7 | 2.096 | 2.945 | 12.9 | 22.5 |

**211739** 2003 $YD_{138}$ 6 24.8 200°.87 0°.7/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.83 | −21 11.9 | 1.886 | 2.738 | 13.8 | 21.9 |
| 5 31 | 18 37.92 | −21 16.3 | 1.805 | 2.735 | 10.4 | 21.6 |
| 6 10 | 18 29.69 | −21 23.1 | 1.747 | 2.731 | 6.5 | 21.4 |
| 6 20 | 18 19.82 | −21 30.9 | 1.714 | 2.727 | 2.2 | 21.1 |
| 6 30 | 18 9.34 | −21 38.5 | 1.710 | 2.722 | 2.4 | 21.1 |
| 7 10 | 17 59.37 | −21 45.2 | 1.732 | 2.717 | 6.7 | 21.4 |
| 7 20 | 17 50.94 | −21 51.3 | 1.780 | 2.710 | 10.7 | 21.6 |
| 7 30 | 17 44.83 | −21 57.4 | 1.851 | 2.704 | 14.1 | 21.8 |

**320954** 2008 $HT_{14}$ 6 24.8 27°.21 1°.6/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.59 | −20 48.0 | 1.467 | 2.337 | 16.0 | 20.4 |
| 5 31 | 18 36.63 | −20 27.5 | 1.400 | 2.339 | 12.1 | 20.2 |
| 6 10 | 18 29.02 | −20 9.1 | 1.354 | 2.342 | 7.6 | 20.0 |
| 6 20 | 18 19.61 | −19 52.7 | 1.332 | 2.344 | 2.9 | 19.7 |
| 6 30 | 18 9.62 | −19 38.5 | 1.335 | 2.347 | 3.1 | 19.7 |
| 7 10 | 18 0.40 | −19 26.9 | 1.363 | 2.350 | 7.8 | 20.0 |
| 7 20 | 17 53.08 | −19 18.8 | 1.415 | 2.354 | 12.2 | 20.2 |
| 7 30 | 17 48.47 | −19 14.8 | 1.487 | 2.357 | 16.0 | 20.5 |

**186548** 2002 $XQ_8$ 6 24.8 179°.27 0°.4/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.48 | −22 4.9 | 1.949 | 2.802 | 13.4 | 21.3 |
| 5 31 | 18 37.53 | −22 6.9 | 1.873 | 2.803 | 10.1 | 21.1 |
| 6 10 | 18 29.37 | −22 10.4 | 1.819 | 2.804 | 6.3 | 20.8 |
| 6 20 | 18 19.70 | −22 13.8 | 1.791 | 2.804 | 2.1 | 20.6 |
| 6 30 | 18 9.50 | −22 16.2 | 1.791 | 2.804 | 2.3 | 20.6 |
| 7 10 | 17 59.87 | −22 17.3 | 1.819 | 2.804 | 6.4 | 20.8 |
| 7 20 | 17 51.74 | −22 17.5 | 1.872 | 2.802 | 10.3 | 21.1 |
| 7 30 | 17 45.86 | −22 17.8 | 1.948 | 2.801 | 13.6 | 21.3 |

**491585** 2012 $SL_6$ 6 24.8 278°.30 2°.2/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.17 | −29 5.9 | 2.233 | 3.077 | 12.2 | 21.9 |
| 5 31 | 18 39.07 | −29 21.2 | 2.116 | 3.040 | 9.4 | 21.7 |
| 6 10 | 18 30.57 | −29 33.7 | 2.022 | 3.002 | 6.1 | 21.4 |
| 6 20 | 18 20.19 | −29 40.3 | 1.955 | 2.964 | 2.9 | 21.1 |
| 6 30 | 18 8.85 | −29 38.6 | 1.915 | 2.924 | 3.1 | 21.1 |
| 7 10 | 17 57.66 | −29 27.8 | 1.905 | 2.884 | 6.7 | 21.2 |
| 7 20 | 17 47.73 | −29 9.2 | 1.920 | 2.842 | 10.5 | 21.4 |
| 7 30 | 17 39.98 | −28 45.2 | 1.959 | 2.800 | 14.0 | 21.5 |

**291984** 2006 $QC_{96}$ 6 24.8 289°.22 2°.7/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 43.12 | −26 25.4 | 1.469 | 2.339 | 16.0 | 20.4 |
| 5 31 | 18 38.45 | −27 16.7 | 1.379 | 2.318 | 12.3 | 20.2 |
| 6 10 | 18 30.63 | −28 10.9 | 1.311 | 2.298 | 7.9 | 19.9 |
| 6 20 | 18 20.30 | −29 3.0 | 1.266 | 2.277 | 3.6 | 19.5 |
| 6 30 | 18 8.70 | −29 47.5 | 1.246 | 2.256 | 4.1 | 19.5 |
| 7 10 | 17 57.45 | −30 20.8 | 1.252 | 2.235 | 8.8 | 19.7 |
| 7 20 | 17 48.09 | −30 42.4 | 1.280 | 2.215 | 13.6 | 19.9 |
| 7 30 | 17 41.83 | −30 54.4 | 1.328 | 2.194 | 17.9 | 20.2 |

**196823** 2003 $SN_{234}$ 6 24.8 181°.99 0°.8/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.84 | −24 50.4 | 2.350 | 3.198 | 11.6 | 20.9 |
| 5 31 | 18 36.04 | −25 9.3 | 2.270 | 3.198 | 8.7 | 20.7 |
| 6 10 | 18 28.35 | −25 28.2 | 2.215 | 3.199 | 5.4 | 20.5 |
| 6 20 | 18 19.36 | −25 45.1 | 2.186 | 3.198 | 1.9 | 20.3 |
| 6 30 | 18 9.89 | −25 58.3 | 2.186 | 3.198 | 2.1 | 20.3 |
| 7 10 | 18 0.86 | −26 7.2 | 2.214 | 3.197 | 5.6 | 20.5 |
| 7 20 | 17 53.09 | −26 12.1 | 2.269 | 3.195 | 8.9 | 20.7 |
| 7 30 | 17 47.22 | −26 14.0 | 2.348 | 3.193 | 11.8 | 20.9 |

**478473** 2012 $QU_{24}$ 6 24.8 356°.77 0°.1/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.14 | −23 57.2 | 1.404 | 2.282 | 16.1 | 20.8 |
| 5 31 | 18 35.02 | −23 49.2 | 1.335 | 2.279 | 12.2 | 20.5 |
| 6 10 | 18 28.15 | −23 41.0 | 1.287 | 2.277 | 7.6 | 20.3 |
| 6 20 | 18 19.36 | −23 31.3 | 1.262 | 2.276 | 2.5 | 20.0 |
| 6 30 | 18 9.91 | −23 19.5 | 1.261 | 2.275 | 2.7 | 20.0 |
| 7 10 | 18 1.22 | −23 5.9 | 1.285 | 2.275 | 7.8 | 20.3 |
| 7 20 | 17 54.47 | −22 52.0 | 1.332 | 2.276 | 12.4 | 20.5 |
| 7 30 | 17 50.51 | −22 39.4 | 1.399 | 2.277 | 16.4 | 20.8 |

**504583** 2008 $TX_{152}$ 6 24.8 184°.35 1°.1/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.51 | −25 54.3 | 2.279 | 3.127 | 11.9 | 23.0 |
| 5 31 | 18 36.62 | −26 12.0 | 2.199 | 3.127 | 8.9 | 22.8 |
| 6 10 | 18 28.74 | −26 28.8 | 2.143 | 3.127 | 5.6 | 22.6 |
| 6 20 | 18 19.51 | −26 42.6 | 2.114 | 3.126 | 2.1 | 22.3 |
| 6 30 | 18 9.78 | −26 51.8 | 2.113 | 3.125 | 2.3 | 22.4 |
| 7 10 | 18 0.53 | −26 55.8 | 2.141 | 3.123 | 5.8 | 22.6 |
| 7 20 | 17 52.59 | −26 55.2 | 2.195 | 3.121 | 9.2 | 22.8 |
| 7 30 | 17 46.64 | −26 51.4 | 2.272 | 3.118 | 12.1 | 23.0 |

**406520** 2007 $VM_{224}$ 6 24.8 195°.35 3°.1/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.19 | −37 23.8 | 4.138 | 4.959 | 7.5 | 22.1 |
| 5 31 | 18 32.01 | −37 50.9 | 4.054 | 4.956 | 5.9 | 22.0 |
| 6 10 | 18 25.63 | −38 13.0 | 3.995 | 4.953 | 4.3 | 21.9 |
| 6 20 | 18 18.45 | −38 28.3 | 3.964 | 4.950 | 3.2 | 21.8 |
| 6 30 | 18 10.97 | −38 35.7 | 3.962 | 4.946 | 3.3 | 21.8 |
| 7 10 | 18 3.75 | −38 34.9 | 3.989 | 4.942 | 4.6 | 21.9 |
| 7 20 | 17 57.28 | −38 26.7 | 4.043 | 4.938 | 6.2 | 22.0 |
| 7 30 | 17 52.00 | −38 12.2 | 4.122 | 4.934 | 7.8 | 22.1 |

**170171** 2003 $GZ_{16}$ 6 24.8 80°.97 3°.4/25.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.31 | −11 54.7 | 2.227 | 3.064 | 12.5 | 20.1 |
| 5 31 | 18 33.96 | −12 1.4 | 2.169 | 3.085 | 9.6 | 20.0 |
| 6 10 | 18 26.95 | −12 16.8 | 2.134 | 3.106 | 6.6 | 19.8 |
| 6 20 | 18 18.89 | −12 40.4 | 2.126 | 3.127 | 3.9 | 19.7 |
| 6 30 | 18 10.54 | −13 11.3 | 2.145 | 3.147 | 3.8 | 19.7 |
| 7 10 | 18 2.73 | −13 48.0 | 2.192 | 3.167 | 6.2 | 19.9 |
| 7 20 | 17 56.13 | −14 28.5 | 2.265 | 3.187 | 9.1 | 20.1 |
| 7 30 | 17 51.31 | −15 11.3 | 2.361 | 3.207 | 11.7 | 20.3 |

**295183** 2008 $FK_{94}$ 6 24.8 349°.63 2°.0/25.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.57 | −17 12.7 | 1.885 | 2.746 | 13.4 | 19.9 |
| 5 31 | 18 32.47 | −17 20.1 | 1.808 | 2.741 | 10.2 | 19.7 |
| 6 10 | 18 26.32 | −17 33.7 | 1.753 | 2.737 | 6.6 | 19.5 |
| 6 20 | 18 18.75 | −17 52.9 | 1.723 | 2.733 | 2.9 | 19.3 |
| 6 30 | 18 10.64 | −18 16.7 | 1.719 | 2.730 | 2.9 | 19.3 |
| 7 10 | 18 2.98 | −18 43.7 | 1.742 | 2.727 | 6.6 | 19.5 |
| 7 20 | 17 56.65 | −19 12.7 | 1.789 | 2.725 | 10.3 | 19.7 |
| 7 30 | 17 52.37 | −19 42.6 | 1.859 | 2.724 | 13.6 | 19.9 |

**137997** 2000 $CX_{77}$ 6 24.8 106°.38 0°.5/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.51 | −24 33.0 | 1.672 | 2.532 | 14.9 | 20.7 |
| 5 31 | 18 38.52 | −24 37.1 | 1.610 | 2.545 | 11.2 | 20.5 |
| 6 10 | 18 30.05 | −24 40.8 | 1.571 | 2.557 | 6.9 | 20.2 |
| 6 20 | 18 19.96 | −24 41.9 | 1.556 | 2.569 | 2.3 | 20.0 |
| 6 30 | 18 9.41 | −24 39.2 | 1.568 | 2.581 | 2.5 | 20.0 |
| 7 10 | 17 59.68 | −24 32.8 | 1.606 | 2.592 | 7.0 | 20.3 |
| 7 20 | 17 51.80 | −24 23.8 | 1.669 | 2.603 | 11.0 | 20.6 |
| 7 30 | 17 46.50 | −24 14.2 | 1.754 | 2.614 | 14.5 | 20.8 |

**481166** 2005 $UO_{212}$ 6 24.8 216°.17 0°.7/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.07 | −24 59.5 | 2.792 | 3.637 | 10.0 | 22.8 |
| 5 31 | 18 33.77 | −25 15.4 | 2.704 | 3.630 | 7.5 | 22.6 |
| 6 10 | 18 26.88 | −25 31.2 | 2.640 | 3.623 | 4.7 | 22.4 |
| 6 20 | 18 18.91 | −25 45.2 | 2.604 | 3.616 | 1.7 | 22.2 |
| 6 30 | 18 10.50 | −25 56.4 | 2.597 | 3.608 | 1.8 | 22.2 |
| 7 10 | 18 2.42 | −26 4.0 | 2.618 | 3.600 | 4.9 | 22.4 |
| 7 20 | 17 55.32 | −26 8.4 | 2.667 | 3.592 | 7.8 | 22.6 |
| 7 30 | 17 49.78 | −26 10.2 | 2.741 | 3.583 | 10.4 | 22.7 |

**343694** 2011 $DH_1$ 6 24.8 331°.43 8°.1/24.8 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 40.94 | −38 57.8 | 1.251 | 2.123 | 18.2 | 19.6 |
| 5 31 | 18 37.52 | −39 34.7 | 1.172 | 2.102 | 14.8 | 19.3 |
| 6 10 | 18 30.33 | −39 57.9 | 1.112 | 2.083 | 11.2 | 19.0 |
| 6 20 | 18 20.26 | −39 59.8 | 1.072 | 2.064 | 8.5 | 18.8 |
| 6 30 | 18 8.98 | −39 34.8 | 1.054 | 2.047 | 8.6 | 18.8 |
| 7 10 | 17 58.54 | −38 43.1 | 1.058 | 2.030 | 11.6 | 18.9 |
| 7 20 | 17 50.73 | −37 30.2 | 1.082 | 2.016 | 15.6 | 19.0 |
| 7 30 | 17 46.75 | −36 4.9 | 1.125 | 2.002 | 19.6 | 19.2 |

**159404** 1999 $FX_{34}$ 6 24.8 215°.40 0°.3/24.7 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.42 | −22 46.3 | 1.755 | 2.611 | 14.5 | 19.2 |
| 5 31 | 18 39.43 | −23 9.8 | 1.672 | 2.604 | 11.0 | 19.0 |
| 6 10 | 18 30.82 | −23 35.9 | 1.610 | 2.596 | 6.9 | 18.7 |
| 6 20 | 18 20.30 | −24 2.0 | 1.574 | 2.587 | 2.3 | 18.4 |
| 6 30 | 18 8.97 | −24 25.4 | 1.566 | 2.578 | 2.5 | 18.4 |
| 7 10 | 17 58.13 | −24 44.6 | 1.584 | 2.569 | 7.2 | 18.7 |
| 7 20 | 17 48.95 | −24 59.3 | 1.627 | 2.558 | 11.5 | 18.9 |
| 7 30 | 17 42.34 | −25 10.8 | 1.693 | 2.547 | 15.2 | 19.1 |

**94315** 2001 $FA_{59}$ 6 24.8 227°.49 5°.7/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.63 | −41 33.3 | 2.598 | 3.418 | 11.4 | 19.1 |
| 5 31 | 18 37.60 | −42 11.0 | 2.518 | 3.413 | 9.3 | 19.0 |
| 6 10 | 18 29.43 | −42 39.1 | 2.461 | 3.408 | 7.3 | 18.8 |
| 6 20 | 18 19.78 | −42 53.6 | 2.430 | 3.402 | 5.9 | 18.8 |
| 6 30 | 18 9.59 | −42 52.1 | 2.425 | 3.396 | 6.0 | 18.8 |
| 7 10 | 17 59.93 | −42 34.4 | 2.447 | 3.391 | 7.6 | 18.8 |
| 7 20 | 17 51.70 | −42 2.7 | 2.495 | 3.385 | 9.7 | 19.0 |
| 7 30 | 17 45.63 | −41 20.6 | 2.565 | 3.378 | 11.8 | 19.1 |

**117008** 2004 $HS_{62}$ 6 24.8 51°.08 6°.0/25.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.34 | − 6 44.3 | 2.079 | 2.909 | 13.5 | 19.9 |
| 5 31 | 18 32.70 | − 6 14.8 | 2.009 | 2.912 | 10.9 | 19.7 |
| 6 10 | 18 26.31 | − 5 57.0 | 1.962 | 2.916 | 8.3 | 19.6 |
| 6 20 | 18 18.74 | − 5 52.6 | 1.938 | 2.920 | 6.3 | 19.5 |
| 6 30 | 18 10.77 | − 6 2.6 | 1.941 | 2.924 | 6.2 | 19.5 |
| 7 10 | 18 3.27 | − 6 26.0 | 1.970 | 2.928 | 8.1 | 19.6 |
| 7 20 | 17 56.96 | − 7 1.1 | 2.023 | 2.932 | 10.7 | 19.7 |
| 7 30 | 17 52.46 | − 7 45.1 | 2.098 | 2.937 | 13.2 | 19.9 |

**471653** 2012 $TL_{115}$ 6 24.8 221°.54 0°.2/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.54 | −24 37.5 | 1.903 | 2.761 | 13.4 | 21.4 |
| 5 31 | 18 36.16 | −24 26.8 | 1.827 | 2.760 | 10.1 | 21.2 |
| 6 10 | 18 28.58 | −24 14.8 | 1.774 | 2.760 | 6.3 | 20.9 |
| 6 20 | 18 19.50 | −24 0.4 | 1.746 | 2.759 | 2.1 | 20.7 |
| 6 30 | 18 9.94 | −23 43.3 | 1.745 | 2.758 | 2.3 | 20.7 |
| 7 10 | 18 0.97 | −23 23.9 | 1.772 | 2.758 | 6.4 | 20.9 |
| 7 20 | 17 53.55 | −23 3.8 | 1.824 | 2.757 | 10.3 | 21.2 |
| 7 30 | 17 48.38 | −22 44.7 | 1.898 | 2.756 | 13.6 | 21.4 |

**275915** 2001 $TB_{171}$ 6 24.8 127°.14 3°.5/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.28 | −15 32.5 | 1.832 | 2.681 | 14.3 | 20.0 |
| 5 31 | 18 36.58 | −14 59.3 | 1.765 | 2.690 | 10.9 | 19.8 |
| 6 10 | 18 28.76 | −14 31.5 | 1.721 | 2.699 | 7.3 | 19.6 |
| 6 20 | 18 19.55 | −14 10.3 | 1.702 | 2.707 | 4.1 | 19.4 |
| 6 30 | 18 9.94 | −13 56.4 | 1.710 | 2.715 | 4.2 | 19.4 |
| 7 10 | 18 0.99 | −13 50.2 | 1.745 | 2.723 | 7.4 | 19.6 |
| 7 20 | 17 53.57 | −13 51.4 | 1.805 | 2.730 | 10.9 | 19.8 |
| 7 30 | 17 48.35 | −13 59.5 | 1.887 | 2.737 | 14.0 | 20.1 |

**522954** 2016 $PE_{114}$ 6 24.8 185°.46 2°.7/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.82 | −30 40.3 | 2.596 | 3.439 | 10.8 | 22.0 |
| 5 31 | 18 35.27 | −31 15.7 | 2.516 | 3.439 | 8.2 | 21.9 |
| 6 10 | 18 27.90 | −31 48.0 | 2.461 | 3.438 | 5.4 | 21.7 |
| 6 20 | 18 19.29 | −32 14.5 | 2.433 | 3.438 | 3.0 | 21.5 |
| 6 30 | 18 10.19 | −32 33.0 | 2.433 | 3.437 | 3.2 | 21.5 |
| 7 10 | 18 1.49 | −32 42.8 | 2.462 | 3.436 | 5.8 | 21.7 |
| 7 20 | 17 53.96 | −32 44.4 | 2.517 | 3.434 | 8.5 | 21.9 |
| 7 30 | 17 48.24 | −32 39.6 | 2.596 | 3.433 | 11.1 | 22.0 |

**416527** 2003 $YY_{172}$ 6 24.8 228°.54 0°.8/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.27 | −21 38.3 | 1.860 | 2.713 | 13.9 | 22.1 |
| 5 31 | 18 38.39 | −21 32.6 | 1.771 | 2.702 | 10.6 | 21.9 |
| 6 10 | 18 30.10 | −21 28.3 | 1.706 | 2.691 | 6.6 | 21.6 |
| 6 20 | 18 20.07 | −21 24.3 | 1.666 | 2.679 | 2.3 | 21.3 |
| 6 30 | 18 9.32 | −21 19.9 | 1.653 | 2.666 | 2.5 | 21.3 |
| 7 10 | 17 59.04 | −21 14.9 | 1.668 | 2.653 | 6.9 | 21.5 |
| 7 20 | 17 50.30 | −21 10.1 | 1.708 | 2.639 | 11.0 | 21.8 |
| 7 30 | 17 43.94 | −21 6.6 | 1.771 | 2.624 | 14.6 | 22.0 |

**60509** 2000 $EA_2$ 6 24.8 204°.72 0°.3/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.15 | −23 43.6 | 1.973 | 2.825 | 13.3 | 20.1 |
| 5 31 | 18 38.15 | −23 52.1 | 1.891 | 2.821 | 10.0 | 19.9 |
| 6 10 | 18 29.86 | −24 1.0 | 1.831 | 2.816 | 6.2 | 19.6 |
| 6 20 | 18 19.97 | −24 8.5 | 1.797 | 2.810 | 2.1 | 19.4 |
| 6 30 | 18 9.46 | −24 13.0 | 1.791 | 2.804 | 2.3 | 19.4 |
| 7 10 | 17 59.45 | −24 14.2 | 1.813 | 2.797 | 6.5 | 19.6 |
| 7 20 | 17 50.94 | −24 12.5 | 1.860 | 2.790 | 10.3 | 19.8 |
| 7 30 | 17 44.71 | −24 9.5 | 1.931 | 2.782 | 13.7 | 20.0 |

**410247** 2007 $TB_{72}$ 6 24.8 206°.13 4°.2/24.3 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 47.47 | −32 5.7 | 1.765 | 2.616 | 14.7 | 21.6 |
| 5 31 | 18 41.17 | −32 52.2 | 1.687 | 2.612 | 11.4 | 21.4 |
| 6 10 | 18 32.00 | −33 34.3 | 1.631 | 2.607 | 7.7 | 21.2 |
| 6 20 | 18 20.73 | −34 6.5 | 1.599 | 2.602 | 4.7 | 21.0 |
| 6 30 | 18 8.61 | −34 24.7 | 1.595 | 2.596 | 5.0 | 21.0 |
| 7 10 | 17 57.10 | −34 27.5 | 1.616 | 2.589 | 8.3 | 21.2 |
| 7 20 | 17 47.48 | −34 16.9 | 1.663 | 2.582 | 12.0 | 21.4 |
| 7 30 | 17 40.74 | −33 56.9 | 1.730 | 2.575 | 15.4 | 21.6 |

**384081** 2008 $VD_{50}$ 6 24.8 187°.92 0°.3/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.21 | −24 15.7 | 2.437 | 3.282 | 11.3 | 22.5 |
| 5 31 | 18 36.25 | −24 20.0 | 2.355 | 3.281 | 8.5 | 22.3 |
| 6 10 | 18 28.48 | −24 23.9 | 2.296 | 3.280 | 5.3 | 22.1 |
| 6 20 | 18 19.47 | −24 26.0 | 2.265 | 3.278 | 1.8 | 21.9 |
| 6 30 | 18 10.03 | −24 25.3 | 2.263 | 3.276 | 1.9 | 21.9 |
| 7 10 | 18 1.02 | −24 21.8 | 2.290 | 3.273 | 5.4 | 22.1 |
| 7 20 | 17 53.23 | −24 16.0 | 2.343 | 3.269 | 8.7 | 22.3 |
| 7 30 | 17 47.27 | −24 9.1 | 2.421 | 3.265 | 11.5 | 22.5 |

**172822** 2004 $TD_{13}$ 6 24.8 173°.75 16°.2/23.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.46 | + 5 41.0 | 1.296 | 2.098 | 21.6 | 20.5 |
| 5 31 | 18 38.95 | + 8 5.3 | 1.242 | 2.100 | 19.3 | 20.4 |
| 6 10 | 18 30.59 | +10 4.8 | 1.207 | 2.101 | 17.3 | 20.2 |
| 6 20 | 18 20.24 | +11 29.3 | 1.190 | 2.102 | 16.3 | 20.2 |
| 6 30 | 18 9.20 | +12 11.3 | 1.194 | 2.103 | 16.5 | 20.2 |
| 7 10 | 17 58.92 | +12 9.6 | 1.216 | 2.103 | 17.9 | 20.3 |
| 7 20 | 17 50.64 | +11 28.6 | 1.257 | 2.103 | 19.9 | 20.4 |
| 7 30 | 17 45.24 | +10 16.4 | 1.312 | 2.102 | 22.2 | 20.6 |

**79690** 1998 $SH_{60}$ 6 24.8 293°.11 0°.2/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.52 | −22 51.2 | 1.502 | 2.372 | 15.7 | 19.6 |
| 5 31 | 18 36.95 | −23 4.0 | 1.416 | 2.356 | 11.9 | 19.3 |
| 6 10 | 18 29.52 | −23 19.6 | 1.352 | 2.341 | 7.5 | 19.0 |
| 6 20 | 18 19.96 | −23 35.6 | 1.312 | 2.325 | 2.5 | 18.7 |
| 6 30 | 18 9.44 | −23 49.7 | 1.296 | 2.309 | 2.7 | 18.7 |
| 7 10 | 17 59.39 | −24 0.8 | 1.306 | 2.294 | 7.9 | 18.9 |
| 7 20 | 17 51.14 | −24 8.8 | 1.338 | 2.279 | 12.7 | 19.2 |
| 7 30 | 17 45.71 | −24 15.0 | 1.392 | 2.263 | 16.9 | 19.4 |

**503351** 2016 $BS_{62}$ 6 24.8 87°.11 3°.5/25.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.57 | −15 13.6 | 1.316 | 2.181 | 17.8 | 21.8 |
| 5 31 | 18 38.94 | −15 8.8 | 1.262 | 2.196 | 13.6 | 21.6 |
| 6 10 | 18 30.48 | −15 14.0 | 1.229 | 2.211 | 8.9 | 21.4 |
| 6 20 | 18 20.17 | −15 28.6 | 1.218 | 2.226 | 4.5 | 21.2 |
| 6 30 | 18 9.35 | −15 51.5 | 1.233 | 2.241 | 4.4 | 21.2 |
| 7 10 | 17 59.48 | −16 20.7 | 1.272 | 2.256 | 8.6 | 21.5 |
| 7 20 | 17 51.74 | −16 54.2 | 1.334 | 2.271 | 13.0 | 21.8 |
| 7 30 | 17 46.92 | −17 30.2 | 1.416 | 2.285 | 16.8 | 22.0 |

**258570** 2002 $CH_{120}$ 6 24.8 102°.46 1°.2/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.17 | −26 59.0 | 1.432 | 2.299 | 16.6 | 20.4 |
| 5 31 | 18 40.19 | −26 51.5 | 1.369 | 2.307 | 12.5 | 20.1 |
| 6 10 | 18 31.29 | −26 40.4 | 1.328 | 2.315 | 7.8 | 19.9 |
| 6 20 | 18 20.44 | −26 23.3 | 1.310 | 2.323 | 2.8 | 19.6 |
| 6 30 | 18 9.06 | −25 59.5 | 1.318 | 2.331 | 3.0 | 19.6 |
| 7 10 | 17 58.66 | −25 30.4 | 1.351 | 2.338 | 7.9 | 20.0 |
| 7 20 | 17 50.47 | −24 58.8 | 1.408 | 2.346 | 12.4 | 20.2 |
| 7 30 | 17 45.30 | −24 28.1 | 1.486 | 2.353 | 16.2 | 20.5 |

**214401** 2005 $NV_{48}$ 6 24.8 307°.96 5°.8/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.05 | − 8 29.5 | 1.990 | 2.828 | 13.7 | 19.9 |
| 5 31 | 18 32.70 | − 7 56.5 | 1.907 | 2.818 | 11.0 | 19.7 |
| 6 10 | 18 26.44 | − 7 34.0 | 1.847 | 2.808 | 8.2 | 19.5 |
| 6 20 | 18 18.85 | − 7 23.8 | 1.811 | 2.798 | 6.1 | 19.4 |
| 6 30 | 18 10.72 | − 7 27.3 | 1.800 | 2.789 | 6.1 | 19.4 |
| 7 10 | 18 2.98 | − 7 44.3 | 1.816 | 2.779 | 8.2 | 19.5 |
| 7 20 | 17 56.45 | − 8 13.2 | 1.855 | 2.770 | 11.2 | 19.6 |
| 7 30 | 17 51.80 | − 8 51.8 | 1.916 | 2.761 | 14.0 | 19.8 |

**427917** 2005 $UO_{365}$ 6 24.8 131°.36 0°.8/24.7 15

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.17 | −24 28.0 | 2.116 | 2.964 | 12.7 | 22.6 |
| 5 31 | 18 37.87 | −24 51.6 | 2.051 | 2.979 | 9.5 | 22.5 |
| 6 10 | 18 29.53 | −25 15.4 | 2.008 | 2.992 | 5.8 | 22.3 |
| 6 20 | 18 19.83 | −25 37.0 | 1.993 | 3.006 | 2.0 | 22.0 |
| 6 30 | 18 9.71 | −25 54.3 | 2.006 | 3.018 | 2.2 | 22.1 |
| 7 10 | 18 0.21 | −26 6.7 | 2.047 | 3.030 | 6.0 | 22.3 |
| 7 20 | 17 52.17 | −26 14.6 | 2.115 | 3.041 | 9.4 | 22.6 |
| 7 30 | 17 46.26 | −26 19.0 | 2.206 | 3.052 | 12.4 | 22.8 |

**122381** 2000 $QH_{70}$ 6 24.8 274°.78 9°.8/25.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.88 | + 2 3.9 | 1.994 | 2.786 | 15.4 | 21.1 |
| 5 31 | 18 34.99 | + 2 48.9 | 1.895 | 2.759 | 13.3 | 20.9 |
| 6 10 | 18 27.99 | + 3 16.9 | 1.817 | 2.732 | 11.3 | 20.7 |
| 6 20 | 18 19.41 | + 3 23.5 | 1.762 | 2.704 | 10.0 | 20.5 |
| 6 30 | 18 10.05 | + 3 5.8 | 1.730 | 2.676 | 9.9 | 20.5 |
| 7 10 | 18 0.88 | + 2 23.6 | 1.723 | 2.647 | 11.4 | 20.5 |
| 7 20 | 17 52.84 | + 1 19.3 | 1.739 | 2.618 | 13.7 | 20.6 |
| 7 30 | 17 46.74 | − 0 2.5 | 1.776 | 2.588 | 16.3 | 20.7 |

**319588** 2006 $SN_{130}$ 6 24.8 318°.03 4°.2/24.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.19 | −16 56.4 | 1.237 | 2.118 | 17.7 | 20.2 |
| 5 31 | 18 34.81 | −16 14.4 | 1.153 | 2.097 | 13.8 | 19.9 |
| 6 10 | 18 28.39 | −15 37.2 | 1.089 | 2.075 | 9.2 | 19.6 |
| 6 20 | 18 19.64 | −15 6.9 | 1.046 | 2.054 | 5.0 | 19.3 |
| 6 30 | 18 9.81 | −14 45.6 | 1.026 | 2.034 | 5.2 | 19.2 |
| 7 10 | 18 0.48 | −14 34.8 | 1.029 | 2.015 | 9.9 | 19.4 |
| 7 20 | 17 53.08 | −14 35.0 | 1.053 | 1.997 | 14.9 | 19.6 |
| 7 30 | 17 48.74 | −14 45.6 | 1.095 | 1.979 | 19.5 | 19.9 |

**480112** 2015 $FF_{73}$ 6 24.8 341°.70 5°.8/24.7 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 31.72 | −14 5.3 | 1.174 | 2.064 | 17.8 | 20.0 |
| 5 31 | 18 29.94 | −13 17.0 | 1.094 | 2.040 | 14.1 | 19.7 |
| 6 10 | 18 25.35 | −12 36.8 | 1.033 | 2.017 | 9.9 | 19.4 |
| 6 20 | 18 18.62 | −12 8.3 | 0.993 | 1.997 | 6.4 | 19.2 |
| 6 30 | 18 10.93 | −11 54.8 | 0.974 | 1.978 | 6.5 | 19.1 |
| 7 10 | 18 3.74 | −11 57.3 | 0.976 | 1.962 | 10.4 | 19.3 |
| 7 20 | 17 58.40 | −12 15.1 | 0.999 | 1.947 | 15.1 | 19.5 |
| 7 30 | 17 55.96 | −12 45.8 | 1.039 | 1.935 | 19.4 | 19.7 |

**170699** 2004 $BL_{23}$ 6 24.8 98°.81 0°.5/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.19 | −24 32.3 | 2.090 | 2.945 | 12.6 | 20.8 |
| 5 31 | 18 35.67 | −24 38.9 | 2.024 | 2.955 | 9.4 | 20.6 |
| 6 10 | 18 28.17 | −24 45.0 | 1.981 | 2.966 | 5.8 | 20.4 |
| 6 20 | 18 19.38 | −24 49.1 | 1.964 | 2.976 | 2.0 | 20.2 |
| 6 30 | 18 10.21 | −24 50.2 | 1.974 | 2.987 | 2.1 | 20.2 |
| 7 10 | 18 1.64 | −24 48.1 | 2.012 | 2.997 | 5.9 | 20.5 |
| 7 20 | 17 54.50 | −24 43.5 | 2.076 | 3.007 | 9.4 | 20.7 |
| 7 30 | 17 49.40 | −24 37.6 | 2.163 | 3.017 | 12.3 | 20.9 |

**395689** 2011 $YS_{22}$ 6 24.8 238°.20 0°.4/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.97 | −22 53.1 | 2.496 | 3.345 | 10.9 | 21.0 |
| 5 31 | 18 33.90 | −23 21.0 | 2.410 | 3.339 | 8.2 | 20.8 |
| 6 10 | 18 27.09 | −23 50.8 | 2.349 | 3.334 | 5.1 | 20.6 |
| 6 20 | 18 19.05 | −24 20.6 | 2.315 | 3.327 | 1.7 | 20.3 |
| 6 30 | 18 10.52 | −24 48.6 | 2.309 | 3.321 | 1.9 | 20.4 |
| 7 10 | 18 2.32 | −25 13.7 | 2.331 | 3.315 | 5.3 | 20.6 |
| 7 20 | 17 55.18 | −25 35.2 | 2.380 | 3.308 | 8.5 | 20.8 |
| 7 30 | 17 49.75 | −25 53.6 | 2.454 | 3.302 | 11.3 | 20.9 |

**130771** 2000 $SU_{324}$ 6 24.8 31°.42 18°.7/25.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.56 | +11 46.8 | 1.254 | 2.039 | 23.0 | 19.6 |
| 5 31 | 18 34.51 | +14 7.9 | 1.215 | 2.046 | 21.2 | 19.5 |
| 6 10 | 18 27.81 | +15 55.4 | 1.191 | 2.054 | 19.7 | 19.4 |
| 6 20 | 18 19.32 | +16 59.8 | 1.184 | 2.062 | 18.8 | 19.4 |
| 6 30 | 18 10.30 | +17 15.7 | 1.193 | 2.071 | 18.8 | 19.4 |
| 7 10 | 18 2.09 | +16 43.8 | 1.220 | 2.081 | 19.5 | 19.5 |
| 7 20 | 17 55.81 | +15 30.6 | 1.262 | 2.091 | 20.8 | 19.6 |
| 7 30 | 17 52.24 | +13 45.6 | 1.318 | 2.102 | 22.4 | 19.8 |

**248243** 2005 $EE_{331}$ 6 24.8 150°.85 3°.0/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.30 | −14 34.3 | 2.382 | 3.220 | 11.8 | 21.6 |
| 5 31 | 18 34.71 | −14 15.6 | 2.310 | 3.228 | 9.0 | 21.5 |
| 6 10 | 18 27.46 | −14 2.1 | 2.261 | 3.235 | 6.1 | 21.3 |
| 6 20 | 18 19.14 | −13 54.4 | 2.239 | 3.242 | 3.5 | 21.1 |
| 6 30 | 18 10.49 | −13 52.7 | 2.245 | 3.249 | 3.5 | 21.1 |
| 7 10 | 18 2.29 | −13 56.7 | 2.280 | 3.255 | 6.0 | 21.3 |
| 7 20 | 17 55.25 | −14 6.0 | 2.340 | 3.260 | 9.0 | 21.5 |
| 7 30 | 17 49.92 | −14 19.9 | 2.425 | 3.265 | 11.6 | 21.7 |

**123521** 2000 $XD_{4}$ 6 24.8 320°.47 1°.9/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.91 | −30 31.2 | 1.444 | 2.315 | 16.2 | 18.0 |
| 5 31 | 18 38.10 | −29 54.7 | 1.358 | 2.296 | 12.5 | 17.7 |
| 6 10 | 18 30.24 | −29 7.6 | 1.292 | 2.278 | 8.0 | 17.4 |
| 6 20 | 18 20.19 | −28 8.2 | 1.249 | 2.261 | 3.3 | 17.1 |
| 6 30 | 18 9.31 | −26 57.1 | 1.232 | 2.244 | 3.3 | 17.0 |
| 7 10 | 17 59.18 | −25 38.0 | 1.240 | 2.228 | 8.2 | 17.3 |
| 7 20 | 17 51.15 | −24 16.7 | 1.271 | 2.213 | 13.1 | 17.5 |
| 7 30 | 17 46.19 | −22 59.2 | 1.323 | 2.198 | 17.3 | 17.7 |

**208450** 2001 $TY_{163}$ 6 24.8 319°.99 4°.3/25.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.01 | −11 55.7 | 2.036 | 2.880 | 13.2 | 20.2 |
| 5 31 | 18 33.33 | −11 33.1 | 1.959 | 2.878 | 10.4 | 20.0 |
| 6 10 | 18 26.79 | −11 18.7 | 1.905 | 2.876 | 7.3 | 19.8 |
| 6 20 | 18 18.97 | −11 13.6 | 1.876 | 2.874 | 4.7 | 19.7 |
| 6 30 | 18 10.68 | −11 18.3 | 1.874 | 2.872 | 4.7 | 19.7 |
| 7 10 | 18 2.84 | −11 32.3 | 1.897 | 2.871 | 7.2 | 19.8 |
| 7 20 | 17 56.24 | −11 54.6 | 1.946 | 2.869 | 10.3 | 20.0 |
| 7 30 | 17 51.53 | −12 23.5 | 2.018 | 2.867 | 13.3 | 20.2 |

**166339** 2002 $JX_{125}$ 6 24.8 216°.65 2°.5/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.55 | −18 35.8 | 1.627 | 2.486 | 15.3 | 20.4 |
| 5 31 | 18 38.00 | −18 10.4 | 1.550 | 2.482 | 11.7 | 20.1 |
| 6 10 | 18 29.91 | −17 48.3 | 1.494 | 2.477 | 7.5 | 19.9 |
| 6 20 | 18 20.04 | −17 29.9 | 1.463 | 2.473 | 3.4 | 19.6 |
| 6 30 | 18 9.52 | −17 15.7 | 1.458 | 2.467 | 3.6 | 19.6 |
| 7 10 | 17 59.61 | −17 6.3 | 1.479 | 2.462 | 7.8 | 19.9 |
| 7 20 | 17 51.42 | −17 2.0 | 1.524 | 2.456 | 12.0 | 20.1 |
| 7 30 | 17 45.78 | −17 3.2 | 1.590 | 2.450 | 15.7 | 20.3 |

**5491** Kaulbach 6 24.8 218°.95 3°.0/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 47.66 | −29 55.4 | 1.569 | 2.428 | 15.8 | 17.7 |
| 5 31 | 18 41.51 | −30 14.6 | 1.490 | 2.422 | 12.1 | 17.4 |
| 6 10 | 18 32.31 | −30 29.2 | 1.433 | 2.415 | 7.9 | 17.2 |
| 6 20 | 18 20.89 | −30 35.0 | 1.399 | 2.408 | 3.9 | 16.9 |
| 6 30 | 18 8.60 | −30 28.8 | 1.391 | 2.400 | 4.1 | 16.9 |
| 7 10 | 17 57.03 | −30 10.7 | 1.409 | 2.391 | 8.2 | 17.1 |
| 7 20 | 17 47.54 | −29 43.4 | 1.452 | 2.382 | 12.6 | 17.3 |
| 7 30 | 17 41.12 | −29 11.2 | 1.515 | 2.373 | 16.5 | 17.6 |

**183164** 2002 $SF_{23}$ 6 24.8 268°.76 5°.5/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.63 | −10 55.6 | 1.618 | 2.468 | 15.8 | 20.3 |
| 5 31 | 18 35.86 | −10 27.2 | 1.536 | 2.457 | 12.5 | 20.0 |
| 6 10 | 18 28.64 | −10 9.4 | 1.475 | 2.446 | 9.0 | 19.8 |
| 6 20 | 18 19.66 | −10 4.3 | 1.438 | 2.435 | 6.0 | 19.6 |
| 6 30 | 18 9.92 | −10 12.9 | 1.425 | 2.423 | 6.0 | 19.6 |
| 7 10 | 18 0.64 | −10 34.7 | 1.438 | 2.412 | 9.0 | 19.7 |
| 7 20 | 17 52.91 | −11 7.9 | 1.474 | 2.400 | 12.8 | 19.9 |
| 7 30 | 17 47.59 | −11 50.0 | 1.531 | 2.388 | 16.4 | 20.1 |

**115696** 2003 $UJ_{162}$ 6 24.8 304°.06 2°.2/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.40 | −17 31.9 | 1.791 | 2.651 | 14.1 | 19.6 |
| 5 31 | 18 34.74 | −17 27.0 | 1.712 | 2.644 | 10.8 | 19.4 |
| 6 10 | 18 27.85 | −17 27.7 | 1.654 | 2.637 | 6.9 | 19.1 |
| 6 20 | 18 19.38 | −17 33.6 | 1.621 | 2.630 | 3.2 | 18.9 |
| 6 30 | 18 10.29 | −17 44.1 | 1.614 | 2.624 | 3.2 | 18.9 |
| 7 10 | 18 1.68 | −17 58.6 | 1.633 | 2.617 | 7.0 | 19.1 |
| 7 20 | 17 54.52 | −18 16.2 | 1.677 | 2.611 | 10.9 | 19.3 |
| 7 30 | 17 49.58 | −18 36.5 | 1.742 | 2.605 | 14.4 | 19.5 |

**5089** Nádherná 6 24.8 155°.16 6°.2/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.69 | −40 50.8 | 2.159 | 2.986 | 13.2 | 17.3 |
| 5 31 | 18 40.19 | −41 27.3 | 2.089 | 2.990 | 10.7 | 17.2 |
| 6 10 | 18 31.17 | −41 52.6 | 2.041 | 2.993 | 8.2 | 17.0 |
| 6 20 | 18 20.45 | −42 2.2 | 2.018 | 2.996 | 6.5 | 16.9 |
| 6 30 | 18 9.19 | −41 53.0 | 2.021 | 2.999 | 6.5 | 16.9 |
| 7 10 | 17 58.68 | −41 25.7 | 2.051 | 3.001 | 8.3 | 17.0 |
| 7 20 | 17 49.99 | −40 43.4 | 2.105 | 3.004 | 10.8 | 17.2 |
| 7 30 | 17 43.89 | −39 51.0 | 2.182 | 3.006 | 13.3 | 17.4 |

**19204** Joshuatree 6 24.8 8°.26 14°.2/ 3.2 18 A

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.25 | +11 17.7 | 0.894 | 1.718 | 27.4 | 16.2 |
| 5 31 | 18 34.50 | +10 13.8 | 0.838 | 1.719 | 24.2 | 15.9 |
| 6 10 | 18 28.33 | + 8 11.4 | 0.795 | 1.723 | 20.4 | 15.7 |
| 6 20 | 18 19.66 | + 5 5.6 | 0.769 | 1.729 | 16.6 | 15.5 |
| 6 30 | 18 10.01 | + 1 1.7 | 0.762 | 1.737 | 14.3 | 15.4 |
| 7 10 | 18 1.22 | − 3 41.1 | 0.777 | 1.748 | 14.9 | 15.5 |
| 7 20 | 17 54.88 | − 8 36.2 | 0.815 | 1.761 | 17.8 | 15.7 |
| 7 30 | 17 52.09 | −13 19.0 | 0.875 | 1.776 | 21.6 | 16.0 |

**285405** 1999 $UZ_{3}$ 6 24.8 267°.09 3°.0/24.7 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.37 | −14 52.2 | 2.593 | 3.431 | 10.9 | 21.4 |
| 5 31 | 18 33.37 | −14 22.0 | 2.492 | 3.410 | 8.5 | 21.2 |
| 6 10 | 18 26.75 | −13 55.6 | 2.415 | 3.388 | 5.8 | 21.0 |
| 6 20 | 18 18.99 | −13 33.8 | 2.364 | 3.366 | 3.4 | 20.8 |
| 6 30 | 18 10.74 | −13 17.3 | 2.342 | 3.344 | 3.5 | 20.8 |
| 7 10 | 18 2.75 | −13 6.9 | 2.348 | 3.322 | 6.0 | 20.9 |
| 7 20 | 17 55.70 | −13 2.5 | 2.381 | 3.299 | 8.9 | 21.1 |
| 7 30 | 17 50.19 | −13 4.2 | 2.438 | 3.276 | 11.6 | 21.2 |

**92131** 1999 $XT_{107}$ 6 24.8 260°.13 1°.8/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.33 | −18 45.7 | 2.412 | 3.260 | 11.3 | 19.4 |
| 5 31 | 18 33.39 | −18 23.1 | 2.325 | 3.252 | 8.6 | 19.2 |
| 6 10 | 18 26.76 | −18 2.6 | 2.263 | 3.244 | 5.5 | 19.0 |
| 6 20 | 18 18.99 | −17 44.4 | 2.227 | 3.236 | 2.5 | 18.8 |
| 6 30 | 18 10.80 | −17 29.1 | 2.219 | 3.228 | 2.6 | 18.8 |
| 7 10 | 18 2.99 | −17 16.9 | 2.239 | 3.220 | 5.7 | 18.9 |
| 7 20 | 17 56.27 | −17 8.2 | 2.285 | 3.212 | 8.8 | 19.1 |
| 7 30 | 17 51.23 | −17 3.5 | 2.355 | 3.204 | 11.6 | 19.3 |

**7364** Otonkučera 6 24.8 330°.47 2°.5/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.02 | −19 1.9 | 1.116 | 2.006 | 18.5 | 18.0 |
| 5 31 | 18 34.92 | −18 46.1 | 1.043 | 1.992 | 14.2 | 17.7 |
| 6 10 | 18 28.57 | −18 36.1 | 0.988 | 1.979 | 9.2 | 17.4 |
| 6 20 | 18 19.76 | −18 32.2 | 0.954 | 1.966 | 3.9 | 17.0 |
| 6 30 | 18 9.89 | −18 34.2 | 0.942 | 1.954 | 4.0 | 17.0 |
| 7 10 | 18 0.69 | −18 41.7 | 0.952 | 1.944 | 9.5 | 17.3 |
| 7 20 | 17 53.66 | −18 54.3 | 0.983 | 1.934 | 14.9 | 17.5 |
| 7 30 | 17 49.95 | −19 11.3 | 1.032 | 1.926 | 19.6 | 17.8 |

**515691** 2014 $QY_{42}$ 6 24.8 309°.75 9°.3/27.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.25 | + 5 30.8 | 2.153 | 2.926 | 15.0 | 20.7 |
| 5 31 | 18 33.56 | + 5 31.4 | 2.062 | 2.909 | 13.1 | 20.6 |
| 6 10 | 18 27.02 | + 5 10.5 | 1.990 | 2.892 | 11.1 | 20.4 |
| 6 20 | 18 19.12 | + 4 25.3 | 1.941 | 2.875 | 9.7 | 20.3 |
| 6 30 | 18 10.63 | + 3 15.1 | 1.917 | 2.859 | 9.3 | 20.2 |
| 7 10 | 18 2.40 | + 1 42.0 | 1.918 | 2.843 | 10.4 | 20.2 |
| 7 20 | 17 55.26 | − 0 9.3 | 1.944 | 2.827 | 12.3 | 20.3 |
| 7 30 | 17 49.88 | − 2 12.9 | 1.993 | 2.812 | 14.6 | 20.5 |

**513280** 2006 $VC_{172}$ 6 24.8 220°.72 0°.4/24.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.39 | −21 55.9 | 2.552 | 3.399 | 10.8 | 22.6 |
| 5 31 | 18 34.16 | −21 59.2 | 2.465 | 3.392 | 8.1 | 22.4 |
| 6 10 | 18 27.24 | −22 3.8 | 2.402 | 3.385 | 5.0 | 22.2 |
| 6 20 | 18 19.17 | −22 8.6 | 2.365 | 3.378 | 1.7 | 21.9 |
| 6 30 | 18 10.66 | −22 12.9 | 2.358 | 3.371 | 1.8 | 21.9 |
| 7 10 | 18 2.50 | −22 16.3 | 2.379 | 3.363 | 5.2 | 22.1 |
| 7 20 | 17 55.40 | −22 19.1 | 2.426 | 3.354 | 8.3 | 22.3 |
| 7 30 | 17 49.95 | −22 21.6 | 2.498 | 3.346 | 11.1 | 22.5 |

**210088** 2006 $QE_{65}$ 6 24.8 294°.22 0°.5/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.72 | −22 7.7 | 1.951 | 2.810 | 13.1 | 21.2 |
| 5 31 | 18 34.90 | −22 6.6 | 1.867 | 2.801 | 9.9 | 20.9 |
| 6 10 | 18 27.93 | −22 6.9 | 1.807 | 2.793 | 6.2 | 20.7 |
| 6 20 | 18 19.46 | −22 7.7 | 1.772 | 2.785 | 2.1 | 20.4 |
| 6 30 | 18 10.39 | −22 7.9 | 1.763 | 2.776 | 2.2 | 20.4 |
| 7 10 | 18 1.79 | −22 7.5 | 1.782 | 2.768 | 6.4 | 20.7 |
| 7 20 | 17 54.58 | −22 6.8 | 1.825 | 2.760 | 10.2 | 20.9 |
| 7 30 | 17 49.50 | −22 6.4 | 1.892 | 2.752 | 13.6 | 21.1 |

**128418** 2004 $LN_{24}$ 6 24.8 272°.27 5°.8/25.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 48.07 | −43 0.0 | 2.524 | 3.334 | 12.0 | 19.9 |
| 5 31 | 18 41.03 | −43 4.6 | 2.425 | 3.314 | 9.9 | 19.7 |
| 6 10 | 18 31.64 | −42 56.4 | 2.349 | 3.293 | 7.7 | 19.5 |
| 6 20 | 18 20.66 | −42 31.6 | 2.298 | 3.272 | 6.0 | 19.4 |
| 6 30 | 18 9.14 | −41 48.2 | 2.275 | 3.251 | 6.0 | 19.3 |
| 7 10 | 17 58.24 | −40 47.2 | 2.279 | 3.230 | 7.6 | 19.4 |
| 7 20 | 17 48.99 | −39 32.2 | 2.311 | 3.208 | 10.0 | 19.5 |
| 7 30 | 17 42.11 | −38 8.6 | 2.366 | 3.186 | 12.5 | 19.6 |

**511109** 2013 $WP$ 6 24.8 274°.69 9°.8/21.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.79 | − 4 46.5 | 1.811 | 2.630 | 15.7 | 20.0 |
| 5 31 | 18 37.98 | − 2 33.0 | 1.725 | 2.613 | 13.2 | 19.8 |
| 6 10 | 18 29.88 | − 0 26.4 | 1.662 | 2.596 | 11.0 | 19.7 |
| 6 20 | 18 20.13 | + 1 26.2 | 1.625 | 2.579 | 9.8 | 19.6 |
| 6 30 | 18 9.68 | + 2 58.0 | 1.613 | 2.561 | 10.4 | 19.5 |
| 7 10 | 17 59.64 | + 4 4.4 | 1.627 | 2.544 | 12.4 | 19.6 |
| 7 20 | 17 51.01 | + 4 44.1 | 1.663 | 2.526 | 15.1 | 19.8 |
| 7 30 | 17 44.61 | + 4 59.0 | 1.719 | 2.508 | 17.7 | 19.9 |

**211088** 2002 $EX_{61}$ 6 24.8 141°.54 4°.7/25.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.77 | −13 0.6 | 1.510 | 2.365 | 16.5 | 21.0 |
| 5 31 | 18 37.47 | −12 35.3 | 1.443 | 2.369 | 12.8 | 20.8 |
| 6 10 | 18 29.62 | −12 19.9 | 1.396 | 2.372 | 8.8 | 20.6 |
| 6 20 | 18 20.03 | −12 15.5 | 1.374 | 2.376 | 5.4 | 20.4 |
| 6 30 | 18 9.84 | −12 22.5 | 1.376 | 2.379 | 5.3 | 20.4 |
| 7 10 | 18 0.34 | −12 40.3 | 1.403 | 2.382 | 8.7 | 20.6 |
| 7 20 | 17 52.61 | −13 7.1 | 1.454 | 2.384 | 12.6 | 20.8 |
| 7 30 | 17 47.47 | −13 40.9 | 1.526 | 2.387 | 16.2 | 21.1 |

**153472** 2001 $RX_{31}$ 6 24.8 11°.24 0°.4/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.91 | −25 34.6 | 0.989 | 1.885 | 19.8 | 18.6 |
| 5 31 | 18 37.26 | −25 13.7 | 0.934 | 1.887 | 15.0 | 18.4 |
| 6 10 | 18 30.00 | −24 49.7 | 0.896 | 1.889 | 9.3 | 18.1 |
| 6 20 | 18 20.23 | −24 21.4 | 0.879 | 1.892 | 3.1 | 17.7 |
| 6 30 | 18 9.69 | −23 48.7 | 0.883 | 1.897 | 3.3 | 17.7 |
| 7 10 | 18 0.34 | −23 14.0 | 0.909 | 1.902 | 9.4 | 18.1 |
| 7 20 | 17 53.67 | −22 40.7 | 0.955 | 1.909 | 14.9 | 18.4 |
| 7 30 | 17 50.63 | −22 11.9 | 1.019 | 1.916 | 19.6 | 18.7 |

**293173** 2006 $YN_{51}$ 6 24.8 14°.66 8°.0/26.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.49 | − 3 21.2 | 1.633 | 2.462 | 16.6 | 20.2 |
| 5 31 | 18 34.85 | − 3 3.1 | 1.564 | 2.463 | 13.7 | 20.0 |
| 6 10 | 18 27.95 | − 3 3.4 | 1.515 | 2.463 | 10.7 | 19.8 |
| 6 20 | 18 19.48 | − 3 24.7 | 1.488 | 2.464 | 8.5 | 19.7 |
| 6 30 | 18 10.43 | − 4 7.2 | 1.485 | 2.465 | 8.1 | 19.7 |
| 7 10 | 18 1.92 | − 5 8.5 | 1.508 | 2.466 | 10.1 | 19.8 |
| 7 20 | 17 54.91 | − 6 24.4 | 1.553 | 2.468 | 13.0 | 20.0 |
| 7 30 | 17 50.19 | − 7 49.5 | 1.620 | 2.469 | 16.0 | 20.2 |

**402488** 2006 $CA_{45}$ 6 24.8 231°.88 3°.0/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.99 | −29 6.3 | 1.534 | 2.395 | 16.0 | 21.6 |
| 5 31 | 18 41.16 | −29 33.9 | 1.454 | 2.387 | 12.2 | 21.3 |
| 6 10 | 18 32.22 | −29 58.5 | 1.394 | 2.378 | 8.0 | 21.1 |
| 6 20 | 18 20.99 | −30 15.6 | 1.359 | 2.369 | 3.8 | 20.8 |
| 6 30 | 18 8.79 | −30 21.5 | 1.350 | 2.359 | 4.1 | 20.8 |
| 7 10 | 17 57.24 | −30 15.2 | 1.366 | 2.349 | 8.4 | 21.0 |
| 7 20 | 17 47.75 | −29 59.0 | 1.406 | 2.338 | 12.9 | 21.2 |
| 7 30 | 17 41.36 | −29 36.7 | 1.467 | 2.327 | 16.8 | 21.5 |

**109034** 2001 $QV_{11}$ 6 24.8 292°.61 0°.7/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.25 | −24 48.4 | 1.577 | 2.445 | 15.3 | 19.8 |
| 5 31 | 18 37.57 | −24 54.5 | 1.482 | 2.420 | 11.7 | 19.5 |
| 6 10 | 18 30.03 | −25 0.7 | 1.408 | 2.395 | 7.4 | 19.2 |
| 6 20 | 18 20.29 | −25 4.5 | 1.357 | 2.370 | 2.6 | 18.8 |
| 6 30 | 18 9.48 | −25 4.1 | 1.332 | 2.345 | 2.8 | 18.8 |
| 7 10 | 17 59.03 | −24 58.7 | 1.333 | 2.320 | 7.9 | 19.0 |
| 7 20 | 17 50.30 | −24 49.4 | 1.357 | 2.295 | 12.7 | 19.2 |
| 7 30 | 17 44.35 | −24 38.4 | 1.401 | 2.271 | 16.9 | 19.4 |

**443564** 2014 $KM_{31}$ 6 24.8 326°.42 5°.4/24.8 15

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 36.32 | −10 29.1 | 1.952 | 2.798 | 13.6 | 21.3 |
| 5 31 | 18 32.25 | − 9 45.3 | 1.869 | 2.786 | 10.9 | 21.1 |
| 6 10 | 18 26.26 | − 9 9.7 | 1.807 | 2.773 | 8.0 | 20.9 |
| 6 20 | 18 18.92 | − 8 44.7 | 1.770 | 2.762 | 5.7 | 20.7 |
| 6 30 | 18 11.04 | − 8 31.9 | 1.758 | 2.750 | 5.8 | 20.7 |
| 7 10 | 18 3.55 | − 8 32.0 | 1.772 | 2.739 | 8.2 | 20.8 |
| 7 20 | 17 57.29 | − 8 44.1 | 1.810 | 2.729 | 11.2 | 21.0 |
| 7 30 | 17 52.93 | − 9 6.7 | 1.870 | 2.719 | 14.2 | 21.1 |

**214159** 2005 $CA_{19}$ 6 24.8 39°.07 3°.5/25.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.93 | −14 58.8 | 1.121 | 2.002 | 19.2 | 19.4 |
| 5 31 | 18 36.61 | −15 7.8 | 1.075 | 2.017 | 14.6 | 19.2 |
| 6 10 | 18 29.28 | −15 29.4 | 1.047 | 2.033 | 9.5 | 19.0 |
| 6 20 | 18 19.94 | −16 2.3 | 1.041 | 2.050 | 4.7 | 18.7 |
| 6 30 | 18 10.06 | −16 44.0 | 1.058 | 2.068 | 4.4 | 18.8 |
| 7 10 | 18 1.22 | −17 31.1 | 1.097 | 2.086 | 8.9 | 19.1 |
| 7 20 | 17 54.65 | −18 20.2 | 1.159 | 2.105 | 13.6 | 19.4 |
| 7 30 | 17 51.18 | −19 9.0 | 1.239 | 2.125 | 17.6 | 19.7 |

**389165** 2009 $BT_{69}$ 6 24.8 195°.49 0°.1/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.12 | −22 12.0 | 2.220 | 3.070 | 12.1 | 21.3 |
| 5 31 | 18 35.70 | −22 30.4 | 2.139 | 3.069 | 9.1 | 21.1 |
| 6 10 | 18 28.33 | −22 50.8 | 2.082 | 3.067 | 5.6 | 20.9 |
| 6 20 | 18 19.61 | −23 11.5 | 2.052 | 3.065 | 1.9 | 20.6 |
| 6 30 | 18 10.37 | −23 30.9 | 2.049 | 3.062 | 2.0 | 20.6 |
| 7 10 | 18 1.55 | −23 48.0 | 2.075 | 3.060 | 5.8 | 20.9 |
| 7 20 | 17 53.98 | −24 2.6 | 2.127 | 3.057 | 9.2 | 21.1 |
| 7 30 | 17 48.35 | −24 15.1 | 2.202 | 3.053 | 12.3 | 21.3 |

**171235** 2005 $JZ_{165}$ 6 24.8 164°.49 1°.1/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.27 | −20 10.0 | 2.130 | 2.982 | 12.4 | 21.0 |
| 5 31 | 18 35.05 | −20 9.0 | 2.054 | 2.983 | 9.4 | 20.8 |
| 6 10 | 18 27.90 | −20 10.8 | 2.001 | 2.985 | 5.9 | 20.5 |
| 6 20 | 18 19.46 | −20 14.4 | 1.974 | 2.986 | 2.2 | 20.3 |
| 6 30 | 18 10.56 | −20 19.2 | 1.975 | 2.987 | 2.3 | 20.3 |
| 7 10 | 18 2.14 | −20 24.8 | 2.004 | 2.988 | 5.9 | 20.6 |
| 7 20 | 17 55.02 | −20 31.2 | 2.058 | 2.989 | 9.4 | 20.8 |
| 7 30 | 17 49.84 | −20 38.5 | 2.136 | 2.990 | 12.5 | 21.0 |

**135678** 2002 $ND_{49}$ 6 24.8 299°.33 2°.8/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.85 | −28 47.1 | 1.410 | 2.283 | 16.4 | 19.7 |
| 5 31 | 18 38.41 | −29 6.5 | 1.322 | 2.261 | 12.7 | 19.4 |
| 6 10 | 18 30.74 | −29 22.9 | 1.253 | 2.240 | 8.2 | 19.1 |
| 6 20 | 18 20.59 | −29 32.2 | 1.208 | 2.218 | 3.8 | 18.8 |
| 6 30 | 18 9.25 | −29 30.9 | 1.187 | 2.197 | 4.1 | 18.8 |
| 7 10 | 17 58.42 | −29 18.1 | 1.190 | 2.176 | 8.8 | 19.0 |
| 7 20 | 17 49.61 | −28 56.0 | 1.216 | 2.156 | 13.7 | 19.2 |
| 7 30 | 17 44.02 | −28 28.5 | 1.261 | 2.135 | 18.1 | 19.4 |

**181180** 2005 $ST_{81}$ 6 24.8 179°.97 3°.8/24.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.13 | −34 28.7 | 2.452 | 3.292 | 11.4 | 20.7 |
| 5 31 | 18 36.45 | −35 0.3 | 2.376 | 3.292 | 8.9 | 20.6 |
| 6 10 | 18 28.79 | −35 26.0 | 2.322 | 3.293 | 6.2 | 20.4 |
| 6 20 | 18 19.76 | −35 42.7 | 2.296 | 3.293 | 4.1 | 20.3 |
| 6 30 | 18 10.25 | −35 48.1 | 2.296 | 3.293 | 4.2 | 20.3 |
| 7 10 | 18 1.22 | −35 42.0 | 2.325 | 3.292 | 6.5 | 20.4 |
| 7 20 | 17 53.53 | −35 25.8 | 2.379 | 3.292 | 9.2 | 20.6 |
| 7 30 | 17 47.85 | −35 2.3 | 2.457 | 3.291 | 11.7 | 20.8 |

**426701** 2013 $TS_{31}$ 6 24.8 308°.13 2°.9/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.22 | −18 42.9 | 1.411 | 2.283 | 16.4 | 20.8 |
| 5 31 | 18 36.04 | −18 9.3 | 1.327 | 2.266 | 12.6 | 20.5 |
| 6 10 | 18 29.04 | −17 38.7 | 1.263 | 2.249 | 8.2 | 20.2 |
| 6 20 | 18 19.96 | −17 12.0 | 1.223 | 2.233 | 3.9 | 19.9 |
| 6 30 | 18 9.97 | −16 50.6 | 1.206 | 2.217 | 4.1 | 19.9 |
| 7 10 | 18 0.51 | −16 35.5 | 1.214 | 2.201 | 8.7 | 20.1 |
| 7 20 | 17 52.85 | −16 27.5 | 1.245 | 2.185 | 13.4 | 20.4 |
| 7 30 | 17 47.99 | −16 27.1 | 1.295 | 2.170 | 17.7 | 20.6 |

**361993** 2008 $SS_{127}$ 6 24.8 77°.91 1°.3/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.77 | −26 9.8 | 1.261 | 2.136 | 17.8 | 21.2 |
| 5 31 | 18 40.35 | −26 12.4 | 1.201 | 2.142 | 13.5 | 20.9 |
| 6 10 | 18 31.68 | −26 12.9 | 1.160 | 2.148 | 8.4 | 20.7 |
| 6 20 | 18 20.80 | −26 8.4 | 1.142 | 2.154 | 3.0 | 20.4 |
| 6 30 | 18 9.23 | −25 57.1 | 1.148 | 2.160 | 3.2 | 20.4 |
| 7 10 | 17 58.68 | −25 39.6 | 1.178 | 2.167 | 8.5 | 20.7 |
| 7 20 | 17 50.54 | −25 18.6 | 1.231 | 2.173 | 13.4 | 21.0 |
| 7 30 | 17 45.69 | −24 57.1 | 1.303 | 2.179 | 17.5 | 21.3 |

**102457** 1999 $TP_{221}$ 6 24.8 310°.00 5°.7/25.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.70 | −11 46.5 | 1.311 | 2.179 | 17.7 | 19.0 |
| 5 31 | 18 35.11 | −11 24.2 | 1.226 | 2.158 | 14.1 | 18.7 |
| 6 10 | 18 28.62 | −11 14.5 | 1.160 | 2.137 | 10.0 | 18.4 |
| 6 20 | 18 19.88 | −11 19.8 | 1.115 | 2.116 | 6.4 | 18.2 |
| 6 30 | 18 10.06 | −11 41.3 | 1.093 | 2.096 | 6.3 | 18.1 |
| 7 10 | 18 0.61 | −12 17.8 | 1.095 | 2.077 | 10.0 | 18.2 |
| 7 20 | 17 52.92 | −13 6.7 | 1.118 | 2.058 | 14.7 | 18.4 |
| 7 30 | 17 48.11 | −14 4.4 | 1.160 | 2.039 | 19.0 | 18.6 |

**104470** 2000 $GW_{15}$ 6 24.8 338°.12 9°.7/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 36.13 | − 2 19.6 | 1.643 | 2.474 | 16.5 | 18.9 |
| 5 31 | 18 32.39 | − 1 7.2 | 1.570 | 2.464 | 13.9 | 18.7 |
| 6 10 | 18 26.49 | − 0 10.3 | 1.517 | 2.455 | 11.5 | 18.6 |
| 6 20 | 18 19.06 | + 0 25.9 | 1.486 | 2.447 | 9.9 | 18.4 |
| 6 30 | 18 11.03 | + 0 38.0 | 1.478 | 2.439 | 10.0 | 18.4 |
| 7 10 | 18 3.46 | + 0 25.3 | 1.492 | 2.432 | 11.7 | 18.5 |
| 7 20 | 17 57.31 | − 0 9.8 | 1.528 | 2.426 | 14.2 | 18.7 |
| 7 30 | 17 53.32 | − 1 3.1 | 1.584 | 2.420 | 16.9 | 18.8 |

**214915** 2007 $TH_{257}$ 6 24.8 122°.23 1°.5/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.23 | −19 14.8 | 1.528 | 2.390 | 16.0 | 20.9 |
| 5 31 | 18 38.62 | −19 18.0 | 1.464 | 2.398 | 12.1 | 20.7 |
| 6 10 | 18 30.37 | −19 26.3 | 1.420 | 2.405 | 7.6 | 20.4 |
| 6 20 | 18 20.34 | −19 38.3 | 1.401 | 2.412 | 2.9 | 20.1 |
| 6 30 | 18 9.71 | −19 52.6 | 1.407 | 2.419 | 3.0 | 20.2 |
| 7 10 | 17 59.84 | −20 8.1 | 1.439 | 2.426 | 7.5 | 20.5 |
| 7 20 | 17 51.84 | −20 24.4 | 1.496 | 2.432 | 11.9 | 20.7 |
| 7 30 | 17 46.52 | −20 41.4 | 1.574 | 2.438 | 15.6 | 21.0 |

**116620** 2004 $BC_{118}$ 6 24.8 29°.06 10°.7/26.5 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.87 | − 1 52.9 | 1.203 | 2.052 | 20.2 | 18.9 |
| 5 31 | 18 34.08 | − 1 1.9 | 1.156 | 2.063 | 16.9 | 18.7 |
| 6 10 | 18 27.64 | − 0 35.1 | 1.126 | 2.075 | 13.6 | 18.5 |
| 6 20 | 18 19.43 | − 0 36.9 | 1.116 | 2.087 | 11.2 | 18.4 |
| 6 30 | 18 10.71 | − 1 8.7 | 1.127 | 2.101 | 10.9 | 18.5 |
| 7 10 | 18 2.85 | − 2 7.3 | 1.159 | 2.116 | 12.6 | 18.6 |
| 7 20 | 17 56.94 | − 3 26.6 | 1.212 | 2.131 | 15.5 | 18.8 |
| 7 30 | 17 53.76 | − 4 58.9 | 1.284 | 2.147 | 18.5 | 19.1 |

**389136** 2009 $AW_{35}$ 6 24.8 237°.27 0°.4/24.8 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.03 | −23 13.8 | 2.068 | 2.922 | 12.7 | 21.9 |
| 5 31 | 18 35.83 | −23 35.1 | 1.986 | 2.917 | 9.5 | 21.6 |
| 6 10 | 18 28.52 | −23 58.1 | 1.926 | 2.912 | 5.9 | 21.4 |
| 6 20 | 18 19.73 | −24 20.8 | 1.893 | 2.906 | 2.0 | 21.1 |
| 6 30 | 18 10.34 | −24 41.2 | 1.888 | 2.901 | 2.2 | 21.1 |
| 7 10 | 18 1.37 | −24 58.1 | 1.910 | 2.895 | 6.1 | 21.4 |
| 7 20 | 17 53.75 | −25 11.5 | 1.957 | 2.889 | 9.8 | 21.6 |
| 7 30 | 17 48.20 | −25 22.0 | 2.028 | 2.883 | 13.0 | 21.8 |

**102556** 1999 $UW_{23}$ 6 24.9 301°.88 0°.3/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.44 | −24 13.7 | 1.386 | 2.260 | 16.6 | 19.0 |
| 5 31 | 18 37.84 | −23 51.4 | 1.304 | 2.245 | 12.6 | 18.7 |
| 6 10 | 18 30.23 | −23 27.1 | 1.242 | 2.231 | 7.9 | 18.4 |
| 6 20 | 18 20.41 | −22 59.8 | 1.203 | 2.216 | 2.7 | 18.0 |
| 6 30 | 18 9.66 | −22 29.4 | 1.189 | 2.202 | 2.9 | 18.0 |
| 7 10 | 17 59.55 | −21 57.5 | 1.199 | 2.189 | 8.3 | 18.3 |
| 7 20 | 17 51.44 | −21 26.7 | 1.233 | 2.175 | 13.3 | 18.5 |
| 7 30 | 17 46.34 | −20 59.5 | 1.286 | 2.162 | 17.7 | 18.7 |

**326952** 2004 $FC_{61}$ 6 24.9 30°.68 0°.7/24.9 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.55 | −21 32.7 | 1.196 | 2.081 | 18.0 | 20.8 |
| 5 31 | 18 36.36 | −21 37.7 | 1.145 | 2.092 | 13.5 | 20.6 |
| 6 10 | 18 29.17 | −21 46.5 | 1.114 | 2.104 | 8.4 | 20.3 |
| 6 20 | 18 19.98 | −21 57.2 | 1.104 | 2.117 | 2.8 | 20.0 |
| 6 30 | 18 10.23 | −22 8.1 | 1.118 | 2.131 | 2.9 | 20.1 |
| 7 10 | 18 1.49 | −22 18.1 | 1.155 | 2.146 | 8.2 | 20.4 |
| 7 20 | 17 54.98 | −22 27.3 | 1.214 | 2.161 | 13.0 | 20.8 |
| 7 30 | 17 51.51 | −22 36.3 | 1.293 | 2.178 | 17.1 | 21.1 |

**503369** 2016 $CQ_{23}$ 6 24.9 19°.43 19°.0/ 6.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 19 8.19 | −64 26.4 | 0.872 | 1.674 | 29.6 | 19.2 |
| 5 31 | 19 0.12 | −64 11.1 | 0.837 | 1.687 | 26.9 | 19.1 |
| 6 10 | 18 44.11 | −63 2.1 | 0.812 | 1.703 | 23.9 | 18.9 |
| 6 20 | 18 24.46 | −60 45.0 | 0.800 | 1.721 | 21.2 | 18.8 |
| 6 30 | 18 6.42 | −57 18.5 | 0.806 | 1.741 | 19.3 | 18.8 |
| 7 10 | 17 53.62 | −52 59.9 | 0.830 | 1.764 | 19.2 | 18.9 |
| 7 20 | 17 47.04 | −48 16.9 | 0.875 | 1.788 | 20.5 | 19.1 |
| 7 30 | 17 46.21 | −43 36.1 | 0.940 | 1.814 | 22.8 | 19.3 |

**350133** 2011 $RB_{7}$ 6 24.9 134°.76 2°.4/25.0 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.55 | −15 49.3 | 2.478 | 3.317 | 11.3 | 21.9 |
| 5 31 | 18 34.17 | −15 36.7 | 2.407 | 3.327 | 8.6 | 21.7 |
| 6 10 | 18 27.22 | −15 28.7 | 2.360 | 3.337 | 5.7 | 21.5 |
| 6 20 | 18 19.26 | −15 25.5 | 2.340 | 3.346 | 3.0 | 21.4 |
| 6 30 | 18 10.97 | −15 26.8 | 2.349 | 3.355 | 3.0 | 21.4 |
| 7 10 | 18 3.14 | −15 32.4 | 2.385 | 3.363 | 5.6 | 21.6 |
| 7 20 | 17 56.40 | −15 42.0 | 2.449 | 3.372 | 8.5 | 21.8 |
| 7 30 | 17 51.30 | −15 55.0 | 2.536 | 3.379 | 11.1 | 22.0 |

**217974** 2001 $VJ_{35}$ 6 24.9 248°.64 0°.8/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.37 | −25 9.2 | 1.909 | 2.764 | 13.5 | 20.4 |
| 5 31 | 18 37.84 | −25 15.8 | 1.820 | 2.751 | 10.3 | 20.2 |
| 6 10 | 18 29.92 | −25 21.7 | 1.753 | 2.738 | 6.4 | 19.9 |
| 6 20 | 18 20.26 | −25 24.9 | 1.711 | 2.724 | 2.3 | 19.6 |
| 6 30 | 18 9.87 | −25 23.8 | 1.697 | 2.710 | 2.4 | 19.6 |
| 7 10 | 17 59.93 | −25 18.2 | 1.710 | 2.696 | 6.7 | 19.8 |
| 7 20 | 17 51.49 | −25 8.9 | 1.749 | 2.681 | 10.7 | 20.0 |
| 7 30 | 17 45.40 | −24 57.9 | 1.810 | 2.666 | 14.3 | 20.2 |

**405044** 2001 $SB_{127}$ 6 24.9 233°.14 3°.0/24.7 14 C

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 49.57 | −30 34.8 | 2.004 | 2.845 | 13.6 | 22.9 |
| 5 31 | 18 42.64 | −30 59.9 | 1.906 | 2.827 | 10.5 | 22.6 |
| 6 10 | 18 33.00 | −31 21.0 | 1.831 | 2.809 | 6.9 | 22.4 |
| 6 20 | 18 21.32 | −31 34.0 | 1.782 | 2.789 | 3.6 | 22.1 |
| 6 30 | 18 8.71 | −31 35.7 | 1.761 | 2.767 | 3.8 | 22.1 |
| 7 10 | 17 56.50 | −31 25.5 | 1.769 | 2.745 | 7.4 | 22.3 |
| 7 20 | 17 45.91 | −31 5.0 | 1.802 | 2.721 | 11.2 | 22.4 |
| 7 30 | 17 37.90 | −30 37.8 | 1.858 | 2.697 | 14.7 | 22.6 |

**183996** 2004 $EU_{71}$ 6 24.9 150°.41 0°.2/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.05 | −23 38.2 | 1.925 | 2.776 | 13.6 | 21.8 |
| 5 31 | 18 38.80 | −23 41.6 | 1.855 | 2.784 | 10.2 | 21.6 |
| 6 10 | 18 30.31 | −23 45.0 | 1.807 | 2.792 | 6.3 | 21.4 |
| 6 20 | 18 20.33 | −23 46.9 | 1.786 | 2.799 | 2.1 | 21.1 |
| 6 30 | 18 9.87 | −23 46.1 | 1.793 | 2.806 | 2.2 | 21.2 |
| 7 10 | 18 0.07 | −23 42.5 | 1.827 | 2.812 | 6.4 | 21.4 |
| 7 20 | 17 51.86 | −23 36.9 | 1.887 | 2.817 | 10.2 | 21.7 |
| 7 30 | 17 45.96 | −23 30.7 | 1.970 | 2.822 | 13.4 | 21.9 |

**330131** 2005 $YE_{98}$ 6 24.9 217°.28 1°.3/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.89 | −25 44.2 | 2.532 | 3.380 | 10.8 | 21.3 |
| 5 31 | 18 34.68 | −26 18.0 | 2.449 | 3.377 | 8.2 | 21.2 |
| 6 10 | 18 27.70 | −26 52.1 | 2.390 | 3.373 | 5.1 | 21.0 |
| 6 20 | 18 19.47 | −27 24.1 | 2.358 | 3.369 | 2.0 | 20.7 |
| 6 30 | 18 10.74 | −27 51.9 | 2.354 | 3.365 | 2.3 | 20.8 |
| 7 10 | 18 2.35 | −28 14.3 | 2.379 | 3.361 | 5.4 | 21.0 |
| 7 20 | 17 55.06 | −28 31.1 | 2.431 | 3.356 | 8.4 | 21.1 |
| 7 30 | 17 49.50 | −28 43.2 | 2.507 | 3.352 | 11.1 | 21.3 |

**324440** 2006 $TU_{33}$ 6 24.9 198°.22 3°.4/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.59 | −15 43.8 | 1.733 | 2.586 | 14.8 | 21.5 |
| 5 31 | 18 37.17 | −15 19.1 | 1.657 | 2.584 | 11.4 | 21.3 |
| 6 10 | 18 29.43 | −15 0.3 | 1.604 | 2.582 | 7.6 | 21.0 |
| 6 20 | 18 20.08 | −14 48.2 | 1.574 | 2.580 | 4.1 | 20.8 |
| 6 30 | 18 10.13 | −14 43.2 | 1.572 | 2.578 | 4.1 | 20.8 |
| 7 10 | 18 0.76 | −14 45.4 | 1.595 | 2.575 | 7.6 | 21.0 |
| 7 20 | 17 52.95 | −14 54.4 | 1.643 | 2.572 | 11.5 | 21.2 |
| 7 30 | 17 47.48 | −15 9.3 | 1.713 | 2.569 | 15.0 | 21.4 |

**266548** 2008 $FN_{132}$ 6 24.9 266°.28 5°.0/25.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.22 | −11 28.7 | 1.709 | 2.556 | 15.2 | 20.5 |
| 5 31 | 18 36.35 | −11 8.3 | 1.620 | 2.540 | 12.1 | 20.3 |
| 6 10 | 18 29.07 | −10 58.0 | 1.552 | 2.524 | 8.5 | 20.1 |
| 6 20 | 18 20.02 | −10 59.3 | 1.509 | 2.507 | 5.5 | 19.8 |
| 6 30 | 18 10.15 | −11 13.0 | 1.490 | 2.490 | 5.5 | 19.8 |
| 7 10 | 18 0.66 | −11 38.3 | 1.498 | 2.473 | 8.6 | 19.9 |
| 7 20 | 17 52.60 | −12 13.6 | 1.530 | 2.456 | 12.4 | 20.1 |
| 7 30 | 17 46.86 | −12 56.5 | 1.583 | 2.438 | 16.0 | 20.3 |

**346010** 2007 $TS_{243}$ 6 24.9 225°.65 3°.7/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.20 | −34 23.3 | 2.511 | 3.346 | 11.3 | 21.8 |
| 5 31 | 18 38.07 | −34 49.5 | 2.421 | 3.335 | 8.8 | 21.6 |
| 6 10 | 18 29.87 | −35 9.9 | 2.355 | 3.324 | 6.2 | 21.4 |
| 6 20 | 18 20.22 | −35 21.2 | 2.315 | 3.313 | 4.0 | 21.3 |
| 6 30 | 18 9.99 | −35 21.2 | 2.303 | 3.300 | 4.1 | 21.3 |
| 7 10 | 18 0.16 | −35 9.6 | 2.320 | 3.288 | 6.4 | 21.4 |
| 7 20 | 17 51.65 | −34 47.9 | 2.362 | 3.274 | 9.2 | 21.6 |
| 7 30 | 17 45.16 | −34 19.0 | 2.429 | 3.261 | 11.9 | 21.7 |

**250906** 2005 $VB_{135}$ 6 24.9 286°.41 6°.7/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.40 | −42 22.1 | 2.277 | 3.101 | 12.7 | 20.2 |
| 5 31 | 18 38.66 | −43 10.1 | 2.198 | 3.093 | 10.5 | 20.0 |
| 6 10 | 18 30.43 | −43 47.5 | 2.142 | 3.086 | 8.3 | 19.9 |
| 6 20 | 18 20.44 | −44 9.4 | 2.110 | 3.078 | 6.9 | 19.8 |
| 6 30 | 18 9.76 | −44 12.3 | 2.104 | 3.071 | 7.0 | 19.8 |
| 7 10 | 17 59.65 | −43 55.8 | 2.123 | 3.064 | 8.7 | 19.9 |
| 7 20 | 17 51.19 | −43 22.6 | 2.167 | 3.057 | 10.9 | 20.0 |
| 7 30 | 17 45.22 | −42 36.9 | 2.233 | 3.049 | 13.3 | 20.1 |

**429618** 2011 $FK_{32}$ 6 24.9 64°.95 2°.4/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.05 | −27 41.2 | 1.575 | 2.438 | 15.5 | 21.0 |
| 5 31 | 18 39.16 | −28 17.1 | 1.527 | 2.461 | 11.6 | 20.8 |
| 6 10 | 18 30.65 | −28 50.4 | 1.500 | 2.485 | 7.4 | 20.6 |
| 6 20 | 18 20.45 | −29 17.3 | 1.498 | 2.508 | 3.3 | 20.4 |
| 6 30 | 18 9.85 | −29 34.8 | 1.522 | 2.531 | 3.5 | 20.5 |
| 7 10 | 18 0.21 | −29 42.3 | 1.571 | 2.554 | 7.4 | 20.8 |
| 7 20 | 17 52.58 | −29 41.4 | 1.645 | 2.578 | 11.3 | 21.0 |
| 7 30 | 17 47.69 | −29 34.7 | 1.741 | 2.601 | 14.6 | 21.3 |

**4083** Jody 6 24.9 233°.95 5°.1/25.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.73 | − 8 16.6 | 2.159 | 2.985 | 13.2 | 17.1 |
| 5 31 | 18 35.46 | − 8 5.8 | 2.069 | 2.973 | 10.6 | 16.9 |
| 6 10 | 18 28.27 | − 8 5.9 | 2.001 | 2.961 | 7.8 | 16.7 |
| 6 20 | 18 19.70 | − 8 18.1 | 1.959 | 2.948 | 5.5 | 16.6 |
| 6 30 | 18 10.54 | − 8 42.8 | 1.943 | 2.935 | 5.4 | 16.5 |
| 7 10 | 18 1.68 | − 9 18.7 | 1.955 | 2.921 | 7.6 | 16.6 |
| 7 20 | 17 53.96 | −10 3.9 | 1.993 | 2.907 | 10.6 | 16.8 |
| 7 30 | 17 48.08 | −10 56.0 | 2.053 | 2.892 | 13.5 | 16.9 |

**330341** 2006 $UN_{331}$ 6 24.9 224°.23 2°.9/24.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 47.05 | −31 26.9 | 1.945 | 2.791 | 13.7 | 20.6 |
| 5 31 | 18 40.62 | −31 34.5 | 1.858 | 2.782 | 10.5 | 20.3 |
| 6 10 | 18 31.64 | −31 36.0 | 1.793 | 2.772 | 7.0 | 20.1 |
| 6 20 | 18 20.84 | −31 28.2 | 1.754 | 2.761 | 3.6 | 19.9 |
| 6 30 | 18 9.35 | −31 9.1 | 1.743 | 2.750 | 3.7 | 19.9 |
| 7 10 | 17 58.45 | −30 39.2 | 1.759 | 2.738 | 7.2 | 20.0 |
| 7 20 | 17 49.26 | −30 1.4 | 1.801 | 2.726 | 10.9 | 20.2 |
| 7 30 | 17 42.62 | −29 19.3 | 1.865 | 2.713 | 14.3 | 20.4 |

**144240** 2004 $CC_{74}$ 6 24.9 246°.41 3°.2/25.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.09 | −15 5.5 | 1.671 | 2.525 | 15.2 | 20.6 |
| 5 31 | 18 37.02 | −15 3.5 | 1.589 | 2.517 | 11.7 | 20.3 |
| 6 10 | 18 29.48 | −15 10.0 | 1.529 | 2.509 | 7.8 | 20.1 |
| 6 20 | 18 20.16 | −15 24.8 | 1.493 | 2.500 | 4.0 | 19.8 |
| 6 30 | 18 10.09 | −15 47.2 | 1.483 | 2.491 | 3.9 | 19.8 |
| 7 10 | 18 0.48 | −16 15.9 | 1.499 | 2.482 | 7.7 | 20.0 |
| 7 20 | 17 52.43 | −16 49.1 | 1.540 | 2.473 | 11.8 | 20.2 |
| 7 30 | 17 46.80 | −17 25.5 | 1.602 | 2.463 | 15.5 | 20.4 |

**142051** 2002 $QQ_{20}$ 6 24.9 298°.23 3°.4/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.44 | −15 49.6 | 1.440 | 2.307 | 16.5 | 20.1 |
| 5 31 | 18 36.23 | −15 38.6 | 1.355 | 2.290 | 12.8 | 19.8 |
| 6 10 | 18 29.24 | −15 35.8 | 1.289 | 2.272 | 8.5 | 19.5 |
| 6 20 | 18 20.14 | −15 41.9 | 1.247 | 2.255 | 4.4 | 19.2 |
| 6 30 | 18 10.08 | −15 56.5 | 1.229 | 2.238 | 4.3 | 19.2 |
| 7 10 | 18 0.43 | −16 18.8 | 1.236 | 2.221 | 8.6 | 19.4 |
| 7 20 | 17 52.50 | −16 47.3 | 1.265 | 2.205 | 13.3 | 19.6 |
| 7 30 | 17 47.31 | −17 20.6 | 1.315 | 2.189 | 17.5 | 19.8 |

**16858** 1997 $YG_{10}$ 6 24.9 152°.69 1°.7/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.37 | −27 10.5 | 2.034 | 2.884 | 13.0 | 18.3 |
| 5 31 | 18 38.32 | −27 32.1 | 1.962 | 2.890 | 9.8 | 18.1 |
| 6 10 | 18 30.06 | −27 52.0 | 1.914 | 2.896 | 6.2 | 17.9 |
| 6 20 | 18 20.30 | −28 7.3 | 1.891 | 2.902 | 2.6 | 17.7 |
| 6 30 | 18 10.03 | −28 16.1 | 1.897 | 2.907 | 2.7 | 17.7 |
| 7 10 | 18 0.35 | −28 17.8 | 1.930 | 2.912 | 6.4 | 17.9 |
| 7 20 | 17 52.21 | −28 13.5 | 1.988 | 2.916 | 9.9 | 18.2 |
| 7 30 | 17 46.33 | −28 5.2 | 2.070 | 2.920 | 13.0 | 18.4 |

**216714** 2005 $EQ_{26}$ 6 24.9 82°.00 1°.1/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.53 | −20 50.9 | 1.437 | 2.303 | 16.5 | 21.0 |
| 5 31 | 18 38.91 | −20 49.1 | 1.380 | 2.318 | 12.4 | 20.8 |
| 6 10 | 18 30.58 | −20 50.7 | 1.345 | 2.332 | 7.7 | 20.5 |
| 6 20 | 18 20.48 | −20 54.2 | 1.333 | 2.346 | 2.8 | 20.3 |
| 6 30 | 18 9.89 | −20 58.4 | 1.347 | 2.360 | 2.8 | 20.3 |
| 7 10 | 18 0.20 | −21 3.0 | 1.386 | 2.374 | 7.6 | 20.6 |
| 7 20 | 17 52.55 | −21 8.1 | 1.449 | 2.388 | 12.0 | 20.9 |
| 7 30 | 17 47.69 | −21 14.3 | 1.533 | 2.401 | 15.7 | 21.2 |

**523002** 2016 $PK_{121}$ 6 24.9 263°.30 3°.4/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.78 | −31 42.2 | 2.012 | 2.863 | 13.1 | 21.2 |
| 5 31 | 18 37.39 | −32 9.4 | 1.930 | 2.856 | 10.1 | 21.0 |
| 6 10 | 18 29.63 | −32 31.9 | 1.871 | 2.849 | 6.8 | 20.7 |
| 6 20 | 18 20.20 | −32 46.3 | 1.837 | 2.841 | 3.9 | 20.5 |
| 6 30 | 18 10.10 | −32 49.9 | 1.830 | 2.834 | 4.0 | 20.5 |
| 7 10 | 18 0.52 | −32 42.3 | 1.850 | 2.826 | 7.1 | 20.7 |
| 7 20 | 17 52.50 | −32 25.1 | 1.894 | 2.819 | 10.5 | 20.9 |
| 7 30 | 17 46.82 | −32 1.2 | 1.962 | 2.811 | 13.6 | 21.1 |

**186795** 2004 $ER_{38}$ 6 24.9 350°.29 9°.2/25.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.25 | − 3 19.2 | 1.511 | 2.346 | 17.5 | 19.9 |
| 5 31 | 18 34.88 | − 2 26.4 | 1.444 | 2.344 | 14.6 | 19.7 |
| 6 10 | 18 28.12 | − 1 51.1 | 1.397 | 2.343 | 11.7 | 19.5 |
| 6 20 | 18 19.69 | − 1 37.7 | 1.371 | 2.342 | 9.6 | 19.4 |
| 6 30 | 18 10.65 | − 1 48.5 | 1.368 | 2.341 | 9.5 | 19.4 |
| 7 10 | 18 2.19 | − 2 22.6 | 1.389 | 2.341 | 11.4 | 19.5 |
| 7 20 | 17 55.34 | − 3 16.5 | 1.431 | 2.340 | 14.3 | 19.6 |
| 7 30 | 17 50.89 | − 4 25.1 | 1.494 | 2.340 | 17.2 | 19.8 |

**176549** 2002 $AV_{108}$ 6 24.9 55°.56 0°.4/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.28 | −21 13.3 | 2.120 | 2.975 | 12.4 | 20.0 |
| 5 31 | 18 34.37 | −21 30.1 | 2.049 | 2.981 | 9.3 | 19.8 |
| 6 10 | 18 27.56 | −21 49.6 | 2.001 | 2.986 | 5.8 | 19.6 |
| 6 20 | 18 19.46 | −22 10.3 | 1.979 | 2.992 | 2.0 | 19.4 |
| 6 30 | 18 10.91 | −22 30.8 | 1.985 | 2.998 | 2.0 | 19.4 |
| 7 10 | 18 2.85 | −22 49.9 | 2.018 | 3.004 | 5.8 | 19.7 |
| 7 20 | 17 56.08 | −23 7.3 | 2.077 | 3.010 | 9.2 | 19.9 |
| 7 30 | 17 51.24 | −23 23.2 | 2.159 | 3.016 | 12.2 | 20.1 |

**478321** 2011 $WT_{88}$ 6 24.9 137°.63 0°.4/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.71 | −22 51.1 | 2.767 | 3.610 | 10.2 | 21.5 |
| 5 31 | 18 34.19 | −22 35.5 | 2.693 | 3.619 | 7.6 | 21.3 |
| 6 10 | 18 27.21 | −22 19.6 | 2.644 | 3.627 | 4.7 | 21.1 |
| 6 20 | 18 19.30 | −22 3.0 | 2.623 | 3.636 | 1.6 | 20.9 |
| 6 30 | 18 11.12 | −21 45.9 | 2.631 | 3.643 | 1.7 | 20.9 |
| 7 10 | 18 3.38 | −21 28.5 | 2.668 | 3.651 | 4.7 | 21.1 |
| 7 20 | 17 56.69 | −21 11.8 | 2.732 | 3.658 | 7.6 | 21.3 |
| 7 30 | 17 51.54 | −20 56.5 | 2.821 | 3.665 | 10.1 | 21.5 |

**248225** 2005 $EL_{205}$ 6 24.9 231.°72 2.°1/24.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 40.16 | −17 51.4 | 2.083 | 2.933 | 12.7 | 20.8 |
| 5 31 | 18 35.08 | −17 39.2 | 2.001 | 2.929 | 9.7 | 20.6 |
| 6 10 | 18 28.03 | −17 30.9 | 1.943 | 2.924 | 6.3 | 20.4 |
| 6 20 | 18 19.64 | −17 26.5 | 1.910 | 2.919 | 2.9 | 20.1 |
| 6 30 | 18 10.74 | −17 25.8 | 1.905 | 2.915 | 2.9 | 20.1 |
| 7 10 | 18 2.28 | −17 28.7 | 1.927 | 2.909 | 6.3 | 20.3 |
| 7 20 | 17 55.09 | −17 35.0 | 1.974 | 2.904 | 9.8 | 20.5 |
| 7 30 | 17 49.86 | −17 44.6 | 2.045 | 2.899 | 13.0 | 20.7 |

**106269** 2000 $UW_{64}$ 6 24.9 174.°57 2.°7/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 47.30 | −29 23.8 | 1.732 | 2.585 | 14.8 | 20.6 |
| 5 31 | 18 40.96 | −29 45.2 | 1.659 | 2.588 | 11.3 | 20.4 |
| 6 10 | 18 31.90 | −30 2.8 | 1.608 | 2.590 | 7.3 | 20.1 |
| 6 20 | 18 20.96 | −30 12.6 | 1.582 | 2.591 | 3.5 | 19.9 |
| 6 30 | 18 9.36 | −30 12.2 | 1.583 | 2.592 | 3.6 | 19.9 |
| 7 10 | 17 58.49 | −30 1.5 | 1.611 | 2.592 | 7.5 | 20.1 |
| 7 20 | 17 49.51 | −29 42.5 | 1.663 | 2.592 | 11.4 | 20.4 |
| 7 30 | 17 43.27 | −29 18.8 | 1.738 | 2.591 | 14.9 | 20.6 |

**296868** 2009 $XL_{9}$ 6 24.9 175.°76 2.°5/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.96 | −19 5.1 | 2.057 | 2.902 | 13.1 | 20.5 |
| 5 31 | 18 37.79 | −18 16.0 | 1.979 | 2.904 | 9.9 | 20.3 |
| 6 10 | 18 29.63 | −17 27.6 | 1.925 | 2.905 | 6.4 | 20.1 |
| 6 20 | 18 20.14 | −16 41.3 | 1.898 | 2.906 | 3.1 | 19.9 |
| 6 30 | 18 10.25 | −15 58.5 | 1.899 | 2.907 | 3.3 | 19.9 |
| 7 10 | 18 0.95 | −15 21.0 | 1.928 | 2.907 | 6.7 | 20.1 |
| 7 20 | 17 53.07 | −14 50.2 | 1.984 | 2.907 | 10.2 | 20.4 |
| 7 30 | 17 47.27 | −14 26.9 | 2.062 | 2.906 | 13.2 | 20.6 |

**504053** 2005 $XG_{32}$ 6 24.9 159.°77 2.°2/24.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.97 | −26 30.2 | 2.020 | 2.870 | 13.1 | 22.2 |
| 5 31 | 18 38.92 | −27 25.0 | 1.946 | 2.874 | 9.9 | 22.0 |
| 6 10 | 18 30.54 | −28 20.3 | 1.896 | 2.879 | 6.3 | 21.8 |
| 6 20 | 18 20.52 | −29 12.0 | 1.873 | 2.882 | 2.9 | 21.6 |
| 6 30 | 18 9.83 | −29 56.2 | 1.877 | 2.886 | 3.2 | 21.6 |
| 7 10 | 17 59.63 | −30 30.9 | 1.910 | 2.889 | 6.7 | 21.8 |
| 7 20 | 17 50.94 | −30 55.9 | 1.968 | 2.892 | 10.2 | 22.0 |
| 7 30 | 17 44.56 | −31 12.8 | 2.050 | 2.894 | 13.3 | 22.2 |

**14629** 1998 $VT_{30}$ 6 24.9 280.°89 0.°3/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.65 | −24 52.2 | 1.365 | 2.237 | 16.9 | 18.1 |
| 5 31 | 18 39.75 | −24 40.6 | 1.277 | 2.218 | 12.9 | 17.8 |
| 6 10 | 18 31.61 | −24 27.2 | 1.210 | 2.198 | 8.2 | 17.5 |
| 6 20 | 18 21.00 | −24 10.0 | 1.165 | 2.178 | 2.8 | 17.1 |
| 6 30 | 18 9.26 | −23 47.8 | 1.145 | 2.158 | 3.0 | 17.1 |
| 7 10 | 17 58.05 | −23 21.5 | 1.149 | 2.138 | 8.6 | 17.3 |
| 7 20 | 17 48.90 | −22 53.6 | 1.176 | 2.118 | 13.9 | 17.6 |
| 7 30 | 17 42.95 | −22 27.3 | 1.223 | 2.098 | 18.5 | 17.8 |

**291266** 2006 $BT_{82}$ 6 24.9 297.°01 3.°2/25.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.74 | −10 21.6 | 2.187 | 3.018 | 12.9 | 19.5 |
| 5 31 | 18 35.65 | −11 5.8 | 2.084 | 2.996 | 10.2 | 19.2 |
| 6 10 | 18 28.54 | −12 3.6 | 2.004 | 2.975 | 7.0 | 19.0 |
| 6 20 | 18 19.88 | −13 14.1 | 1.951 | 2.953 | 4.0 | 18.8 |
| 6 30 | 18 10.45 | −14 35.1 | 1.926 | 2.932 | 3.6 | 18.7 |
| 7 10 | 18 1.16 | −16 2.8 | 1.930 | 2.910 | 6.6 | 18.8 |
| 7 20 | 17 52.90 | −17 33.5 | 1.962 | 2.889 | 10.0 | 19.0 |
| 7 30 | 17 46.47 | −19 3.7 | 2.018 | 2.868 | 13.3 | 19.2 |

**287961** 2003 $UO_{120}$ 6 24.9 174.°62 4.°1/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.78 | −34 16.6 | 2.296 | 3.134 | 12.1 | 21.1 |
| 5 31 | 18 38.64 | −34 57.0 | 2.220 | 3.136 | 9.4 | 20.9 |
| 6 10 | 18 30.29 | −35 31.5 | 2.168 | 3.138 | 6.6 | 20.8 |
| 6 20 | 18 20.41 | −35 56.4 | 2.143 | 3.139 | 4.4 | 20.6 |
| 6 30 | 18 9.98 | −36 8.9 | 2.145 | 3.140 | 4.6 | 20.6 |
| 7 10 | 18 0.06 | −36 8.4 | 2.174 | 3.141 | 6.9 | 20.8 |
| 7 20 | 17 51.61 | −35 56.4 | 2.229 | 3.141 | 9.7 | 21.0 |
| 7 30 | 17 45.37 | −35 35.9 | 2.308 | 3.140 | 12.4 | 21.1 |

**434240** 2003 $SZ_{394}$ 6 24.9 94.°76 2.°9/25.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.05 | −14 24.3 | 1.972 | 2.818 | 13.5 | 21.1 |
| 5 31 | 18 35.66 | −14 26.8 | 1.910 | 2.833 | 10.4 | 20.9 |
| 6 10 | 18 28.33 | −14 37.0 | 1.870 | 2.847 | 6.9 | 20.7 |
| 6 20 | 18 19.73 | −14 54.5 | 1.855 | 2.861 | 3.7 | 20.6 |
| 6 30 | 18 10.75 | −15 18.2 | 1.868 | 2.875 | 3.5 | 20.6 |
| 7 10 | 18 2.34 | −15 46.9 | 1.908 | 2.889 | 6.6 | 20.8 |
| 7 20 | 17 55.32 | −16 19.0 | 1.974 | 2.902 | 9.9 | 21.0 |
| 7 30 | 17 50.31 | −16 53.2 | 2.062 | 2.915 | 12.9 | 21.3 |

**452240** 2015 $SD_{20}$ 6 24.9 299.°66 0.°9/25.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.79 | −29 26.7 | 2.232 | 3.076 | 12.2 | 19.9 |
| 5 31 | 18 38.58 | −28 38.5 | 2.127 | 3.052 | 9.3 | 19.7 |
| 6 10 | 18 30.23 | −27 42.1 | 2.046 | 3.028 | 5.9 | 19.4 |
| 6 20 | 18 20.40 | −26 36.8 | 1.992 | 3.004 | 2.2 | 19.1 |
| 6 30 | 18 10.02 | −25 23.5 | 1.967 | 2.980 | 2.2 | 19.1 |
| 7 10 | 18 0.13 | −24 5.2 | 1.972 | 2.956 | 6.1 | 19.3 |
| 7 20 | 17 51.65 | −22 45.8 | 2.004 | 2.932 | 9.8 | 19.5 |
| 7 30 | 17 45.30 | −21 29.3 | 2.060 | 2.908 | 13.1 | 19.7 |

**331374** 2012 $DG_{72}$ 6 24.9 76.°53 1.°4/25.1 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 43.21 | −18 21.4 | 1.456 | 2.322 | 16.4 | 20.5 |
| 5 31 | 18 38.04 | −18 44.4 | 1.393 | 2.329 | 12.4 | 20.3 |
| 6 10 | 18 30.17 | −19 14.9 | 1.351 | 2.337 | 7.8 | 20.1 |
| 6 20 | 18 20.43 | −19 50.8 | 1.333 | 2.345 | 3.0 | 19.8 |
| 6 30 | 18 10.02 | −20 29.2 | 1.340 | 2.352 | 2.9 | 19.8 |
| 7 10 | 18 0.35 | −21 7.5 | 1.372 | 2.360 | 7.6 | 20.1 |
| 7 20 | 17 52.58 | −21 44.3 | 1.428 | 2.368 | 12.1 | 20.4 |
| 7 30 | 17 47.56 | −22 18.8 | 1.506 | 2.375 | 15.9 | 20.6 |

**499617** 2010 $UB_{41}$ 6 24.9 224.°66 3.°9/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.34 | −32 0.7 | 1.692 | 2.547 | 15.0 | 22.0 |
| 5 31 | 18 40.49 | −32 30.8 | 1.615 | 2.542 | 11.6 | 21.8 |
| 6 10 | 18 31.77 | −32 55.4 | 1.558 | 2.537 | 7.8 | 21.5 |
| 6 20 | 18 20.99 | −33 9.8 | 1.527 | 2.531 | 4.5 | 21.3 |
| 6 30 | 18 9.41 | −33 10.8 | 1.521 | 2.525 | 4.7 | 21.3 |
| 7 10 | 17 58.49 | −32 57.8 | 1.541 | 2.519 | 8.1 | 21.5 |
| 7 20 | 17 49.51 | −32 33.4 | 1.586 | 2.512 | 12.0 | 21.7 |
| 7 30 | 17 43.40 | −32 1.8 | 1.652 | 2.505 | 15.5 | 21.9 |

**42478** Inozemtseva 6 24.9 280.°90 0.°4/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.14 | −24 25.3 | 1.899 | 2.755 | 13.6 | 17.9 |
| 5 31 | 18 37.70 | −23 54.0 | 1.802 | 2.734 | 10.3 | 17.6 |
| 6 10 | 18 29.88 | −23 19.5 | 1.727 | 2.713 | 6.5 | 17.3 |
| 6 20 | 18 20.34 | −22 41.4 | 1.678 | 2.691 | 2.2 | 17.0 |
| 6 30 | 18 10.08 | −22 0.2 | 1.657 | 2.670 | 2.4 | 17.0 |
| 7 10 | 18 0.25 | −21 17.5 | 1.662 | 2.648 | 6.8 | 17.2 |
| 7 20 | 17 51.92 | −20 35.9 | 1.693 | 2.626 | 11.0 | 17.4 |
| 7 30 | 17 45.90 | −19 57.9 | 1.747 | 2.604 | 14.7 | 17.6 |

**42938** 1999 $TY_{30}$ 6 24.9 208.°08 0.°7/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.29 | −25 10.1 | 1.925 | 2.782 | 13.4 | 18.7 |
| 5 31 | 18 36.91 | −25 15.7 | 1.848 | 2.780 | 10.1 | 18.5 |
| 6 10 | 18 29.28 | −25 20.5 | 1.794 | 2.779 | 6.3 | 18.3 |
| 6 20 | 18 20.10 | −25 22.6 | 1.765 | 2.777 | 2.2 | 18.0 |
| 6 30 | 18 10.37 | −25 20.8 | 1.763 | 2.775 | 2.3 | 18.0 |
| 7 10 | 18 1.19 | −25 14.9 | 1.788 | 2.773 | 6.4 | 18.3 |
| 7 20 | 17 53.52 | −25 5.9 | 1.838 | 2.771 | 10.2 | 18.5 |
| 7 30 | 17 48.12 | −24 55.5 | 1.911 | 2.769 | 13.6 | 18.7 |

**467934** 2012 $BG_{113}$ 6 24.9 108.°62 0.°6/24.9 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.73 | −24 34.6 | 1.655 | 2.512 | 15.2 | 22.3 |
| 5 31 | 18 40.30 | −24 40.6 | 1.597 | 2.530 | 11.4 | 22.1 |
| 6 10 | 18 31.34 | −24 46.0 | 1.562 | 2.547 | 7.0 | 21.9 |
| 6 20 | 18 20.76 | −24 48.6 | 1.551 | 2.564 | 2.4 | 21.7 |
| 6 30 | 18 9.77 | −24 47.1 | 1.567 | 2.580 | 2.5 | 21.7 |
| 7 10 | 17 59.65 | −24 41.4 | 1.610 | 2.595 | 7.0 | 22.0 |
| 7 20 | 17 51.45 | −24 33.0 | 1.677 | 2.611 | 11.0 | 22.3 |
| 7 30 | 17 45.89 | −24 23.6 | 1.767 | 2.625 | 14.5 | 22.5 |

**218912** 2007 $GJ_{30}$ 6 24.9 18.°05 7.°3/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.77 | −12 42.2 | 0.964 | 1.854 | 20.8 | 19.8 |
| 5 31 | 18 35.45 | −11 35.2 | 0.915 | 1.858 | 16.4 | 19.5 |
| 6 10 | 18 28.86 | −10 40.9 | 0.882 | 1.863 | 11.7 | 19.3 |
| 6 20 | 18 20.03 | −10 4.1 | 0.869 | 1.870 | 7.9 | 19.1 |
| 6 30 | 18 10.52 | − 9 48.0 | 0.876 | 1.878 | 7.9 | 19.1 |
| 7 10 | 18 2.06 | − 9 52.9 | 0.905 | 1.886 | 11.6 | 19.4 |
| 7 20 | 17 56.01 | −10 16.1 | 0.952 | 1.896 | 16.1 | 19.7 |
| 7 30 | 17 53.26 | −10 53.2 | 1.017 | 1.907 | 20.2 | 19.9 |

**46750** 1998 $EL_{14}$ 6 24.9 33.°72 10.°6/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 47.48 | −44 12.0 | 1.270 | 2.122 | 19.2 | 17.9 |
| 5 31 | 18 42.28 | −45 25.1 | 1.232 | 2.141 | 15.9 | 17.8 |
| 6 10 | 18 33.16 | −46 18.4 | 1.212 | 2.161 | 12.9 | 17.6 |
| 6 20 | 18 21.43 | −46 43.1 | 1.213 | 2.181 | 10.9 | 17.6 |
| 6 30 | 18 9.13 | −46 34.5 | 1.236 | 2.203 | 10.8 | 17.7 |
| 7 10 | 17 58.39 | −45 55.1 | 1.280 | 2.226 | 12.6 | 17.8 |
| 7 20 | 17 50.75 | −44 52.2 | 1.344 | 2.249 | 15.3 | 18.0 |
| 7 30 | 17 47.02 | −43 35.3 | 1.428 | 2.273 | 17.9 | 18.3 |

**394246** 2006 $TO_{69}$ 6 24.9 266.°86 3.°5/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.89 | −30 29.0 | 2.201 | 3.049 | 12.3 | 21.0 |
| 5 31 | 18 37.48 | −31 29.8 | 2.110 | 3.035 | 9.4 | 20.8 |
| 6 10 | 18 29.78 | −32 29.4 | 2.044 | 3.021 | 6.4 | 20.5 |
| 6 20 | 18 20.34 | −33 23.4 | 2.004 | 3.006 | 3.8 | 20.4 |
| 6 30 | 18 10.08 | −34 7.9 | 1.991 | 2.992 | 4.2 | 20.4 |
| 7 10 | 18 0.10 | −34 40.4 | 2.006 | 2.977 | 7.0 | 20.5 |
| 7 20 | 17 51.42 | −35 0.8 | 2.047 | 2.963 | 10.3 | 20.7 |
| 7 30 | 17 44.93 | −35 10.9 | 2.111 | 2.948 | 13.2 | 20.8 |

**183954** 2004 $DS_{47}$ 6 24.9 178.°20 4.°0/25.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.35 | −13 39.2 | 1.746 | 2.594 | 14.9 | 20.9 |
| 5 31 | 18 36.98 | −13 21.1 | 1.672 | 2.595 | 11.6 | 20.7 |
| 6 10 | 18 29.35 | −13 11.4 | 1.621 | 2.596 | 7.9 | 20.5 |
| 6 20 | 18 20.14 | −13 10.6 | 1.594 | 2.597 | 4.6 | 20.3 |
| 6 30 | 18 10.37 | −13 18.9 | 1.593 | 2.597 | 4.5 | 20.3 |
| 7 10 | 18 1.15 | −13 35.6 | 1.618 | 2.596 | 7.7 | 20.5 |
| 7 20 | 17 53.46 | −13 59.5 | 1.668 | 2.596 | 11.4 | 20.7 |
| 7 30 | 17 48.06 | −14 29.0 | 1.740 | 2.595 | 14.8 | 20.9 |

**250366** 2003 $ST_{311}$ 6 24.9 160°.20 3°.7/25.1 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 43.70 | −14 44.9 | 1.700 | 2.550 | 15.2 | 20.8 |
| 5 31 | 18 38.01 | −14 21.1 | 1.630 | 2.554 | 11.7 | 20.6 |
| 6 10 | 18 29.98 | −14 4.3 | 1.581 | 2.558 | 7.9 | 20.4 |
| 6 20 | 18 20.35 | −13 55.4 | 1.557 | 2.561 | 4.4 | 20.2 |
| 6 30 | 18 10.18 | −13 54.8 | 1.560 | 2.564 | 4.4 | 20.2 |
| 7 10 | 18 0.64 | −14 2.1 | 1.588 | 2.567 | 7.8 | 20.4 |
| 7 20 | 17 52.73 | −14 16.6 | 1.641 | 2.569 | 11.6 | 20.6 |
| 7 30 | 17 47.20 | −14 37.2 | 1.716 | 2.571 | 15.0 | 20.9 |

**394670** 2008 $CO_{36}$ 6 24.9 340°.39 2°.2/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.69 | −17 10.7 | 2.134 | 2.985 | 12.5 | 21.5 |
| 5 31 | 18 33.93 | −17 2.2 | 2.057 | 2.984 | 9.5 | 21.3 |
| 6 10 | 18 27.31 | −16 58.3 | 2.003 | 2.983 | 6.1 | 21.1 |
| 6 20 | 18 19.45 | −16 58.9 | 1.974 | 2.983 | 2.9 | 20.9 |
| 6 30 | 18 11.13 | −17 3.8 | 1.973 | 2.982 | 2.9 | 20.8 |
| 7 10 | 18 3.25 | −17 12.5 | 1.999 | 2.982 | 6.1 | 21.1 |
| 7 20 | 17 56.59 | −17 24.6 | 2.051 | 2.981 | 9.5 | 21.3 |
| 7 30 | 17 51.79 | −17 39.7 | 2.125 | 2.981 | 12.5 | 21.5 |

**105980** 2000 $SN_{268}$ 6 24.9 291°.43 5°.6/25.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.45 | − 8 7.6 | 2.143 | 2.975 | 13.1 | 20.0 |
| 5 31 | 18 33.03 | − 7 36.7 | 2.056 | 2.963 | 10.6 | 19.8 |
| 6 10 | 18 26.80 | − 7 15.7 | 1.992 | 2.950 | 7.9 | 19.6 |
| 6 20 | 18 19.29 | − 7 6.6 | 1.952 | 2.938 | 5.9 | 19.5 |
| 6 30 | 18 11.26 | − 7 10.4 | 1.939 | 2.926 | 5.9 | 19.4 |
| 7 10 | 18 3.57 | − 7 27.1 | 1.952 | 2.914 | 7.9 | 19.5 |
| 7 20 | 17 56.98 | − 7 55.3 | 1.989 | 2.902 | 10.7 | 19.7 |
| 7 30 | 17 52.15 | − 8 32.8 | 2.049 | 2.890 | 13.4 | 19.8 |

**117331** 2004 $XF_{10}$ 6 24.9 241°.26 0°.9/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.21 | −18 44.6 | 2.115 | 2.962 | 12.7 | 19.8 |
| 5 31 | 18 36.79 | −19 16.0 | 2.023 | 2.950 | 9.7 | 19.6 |
| 6 10 | 18 29.25 | −19 53.5 | 1.955 | 2.938 | 6.1 | 19.4 |
| 6 20 | 18 20.15 | −20 35.1 | 1.913 | 2.925 | 2.2 | 19.1 |
| 6 30 | 18 10.35 | −21 18.6 | 1.900 | 2.912 | 2.2 | 19.1 |
| 7 10 | 18 0.83 | −22 1.7 | 1.914 | 2.899 | 6.2 | 19.3 |
| 7 20 | 17 52.54 | −22 42.8 | 1.955 | 2.885 | 9.9 | 19.5 |
| 7 30 | 17 46.26 | −23 21.4 | 2.020 | 2.871 | 13.2 | 19.7 |

**123249** 2000 $UK_{68}$ 6 24.9 284°.85 3°.8/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.79 | −33 9.5 | 1.738 | 2.593 | 14.7 | 20.1 |
| 5 31 | 18 39.33 | −33 17.7 | 1.650 | 2.578 | 11.4 | 19.8 |
| 6 10 | 18 31.08 | −33 18.2 | 1.585 | 2.563 | 7.8 | 19.6 |
| 6 20 | 18 20.80 | −33 7.0 | 1.544 | 2.548 | 4.5 | 19.4 |
| 6 30 | 18 9.72 | −32 42.0 | 1.528 | 2.533 | 4.5 | 19.3 |
| 7 10 | 17 59.26 | −32 3.7 | 1.539 | 2.518 | 7.9 | 19.5 |
| 7 20 | 17 50.65 | −31 15.7 | 1.574 | 2.504 | 11.9 | 19.7 |
| 7 30 | 17 44.83 | −30 22.5 | 1.630 | 2.489 | 15.5 | 19.9 |

**12800** Oobayashiarata 6 24.9 243°.07 0°.6/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.56 | −24 20.1 | 1.839 | 2.694 | 14.0 | 18.4 |
| 5 31 | 18 38.89 | −24 29.5 | 1.749 | 2.681 | 10.6 | 18.1 |
| 6 10 | 18 30.71 | −24 39.2 | 1.681 | 2.666 | 6.7 | 17.9 |
| 6 20 | 18 20.68 | −24 47.0 | 1.639 | 2.652 | 2.3 | 17.5 |
| 6 30 | 18 9.84 | −24 51.1 | 1.624 | 2.637 | 2.4 | 17.5 |
| 7 10 | 17 59.42 | −24 50.9 | 1.635 | 2.621 | 6.9 | 17.8 |
| 7 20 | 17 50.57 | −24 47.1 | 1.672 | 2.604 | 11.1 | 18.0 |
| 7 30 | 17 44.16 | −24 41.4 | 1.731 | 2.588 | 14.8 | 18.2 |

**283233** 2010 $SB_{14}$ 6 24.9 314°.93 5°.6/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.21 | − 7 35.1 | 2.290 | 3.117 | 12.5 | 20.6 |
| 5 31 | 18 32.65 | − 6 57.6 | 2.213 | 3.116 | 10.1 | 20.4 |
| 6 10 | 18 26.45 | − 6 29.6 | 2.160 | 3.114 | 7.7 | 20.3 |
| 6 20 | 18 19.16 | − 6 13.1 | 2.131 | 3.113 | 5.8 | 20.2 |
| 6 30 | 18 11.47 | − 6 9.3 | 2.129 | 3.111 | 5.8 | 20.2 |
| 7 10 | 18 4.17 | − 6 17.9 | 2.153 | 3.110 | 7.6 | 20.3 |
| 7 20 | 17 57.94 | − 6 38.0 | 2.202 | 3.109 | 10.1 | 20.4 |
| 7 30 | 17 53.34 | − 7 7.6 | 2.274 | 3.107 | 12.5 | 20.6 |

**73153** 2002 $GM_{105}$ 6 24.9 326°.17 2°.7/25.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.18 | −15 44.2 | 1.197 | 2.078 | 18.2 | 18.9 |
| 5 31 | 18 35.78 | −16 7.1 | 1.121 | 2.064 | 14.1 | 18.6 |
| 6 10 | 18 29.25 | −16 43.7 | 1.064 | 2.051 | 9.2 | 18.3 |
| 6 20 | 18 20.29 | −17 32.8 | 1.028 | 2.039 | 4.1 | 18.0 |
| 6 30 | 18 10.20 | −18 31.4 | 1.015 | 2.027 | 3.9 | 17.9 |
| 7 10 | 18 0.61 | −19 35.2 | 1.026 | 2.016 | 9.1 | 18.2 |
| 7 20 | 17 53.03 | −20 40.0 | 1.057 | 2.007 | 14.3 | 18.4 |
| 7 30 | 17 48.60 | −21 42.9 | 1.108 | 1.998 | 18.9 | 18.7 |

**425826** 2011 $ET_{13}$ 6 24.9 85°.50 7°.6/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 50.08 | −42 1.0 | 1.746 | 2.577 | 15.6 | 20.6 |
| 5 31 | 18 43.27 | −42 47.6 | 1.692 | 2.593 | 12.7 | 20.5 |
| 6 10 | 18 33.40 | −43 19.8 | 1.659 | 2.609 | 9.9 | 20.3 |
| 6 20 | 18 21.51 | −43 31.6 | 1.649 | 2.624 | 7.9 | 20.2 |
| 6 30 | 18 9.12 | −43 19.6 | 1.665 | 2.639 | 7.9 | 20.3 |
| 7 10 | 17 57.85 | −42 45.0 | 1.705 | 2.654 | 9.8 | 20.4 |
| 7 20 | 17 48.95 | −41 52.9 | 1.769 | 2.669 | 12.4 | 20.6 |
| 7 30 | 17 43.22 | −40 49.9 | 1.854 | 2.684 | 15.0 | 20.8 |

**85190** Birgitroth 6 24.9 191°.62 5°.6/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 47.76 | −39 16.5 | 2.236 | 3.062 | 12.8 | 19.7 |
| 5 31 | 18 41.07 | −39 52.3 | 2.158 | 3.061 | 10.3 | 19.6 |
| 6 10 | 18 31.90 | −40 18.4 | 2.103 | 3.059 | 7.7 | 19.4 |
| 6 20 | 18 21.03 | −40 30.3 | 2.074 | 3.057 | 5.9 | 19.3 |
| 6 30 | 18 9.56 | −40 24.9 | 2.071 | 3.054 | 6.0 | 19.3 |
| 7 10 | 17 58.72 | −40 2.5 | 2.096 | 3.051 | 7.9 | 19.4 |
| 7 20 | 17 49.58 | −39 25.7 | 2.146 | 3.047 | 10.5 | 19.5 |
| 7 30 | 17 42.94 | −38 39.1 | 2.218 | 3.043 | 13.1 | 19.7 |

**256829** 2008 $CN_{144}$ 6 24.9 216°.33 0°.7/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.58 | −21 12.4 | 1.864 | 2.716 | 13.9 | 21.9 |
| 5 31 | 18 38.75 | −21 17.2 | 1.779 | 2.709 | 10.6 | 21.7 |
| 6 10 | 18 30.54 | −21 24.5 | 1.717 | 2.701 | 6.6 | 21.4 |
| 6 20 | 18 20.60 | −21 32.9 | 1.681 | 2.693 | 2.3 | 21.1 |
| 6 30 | 18 9.97 | −21 41.1 | 1.671 | 2.684 | 2.4 | 21.1 |
| 7 10 | 17 59.80 | −21 48.5 | 1.689 | 2.675 | 6.8 | 21.4 |
| 7 20 | 17 51.16 | −21 55.0 | 1.733 | 2.664 | 10.8 | 21.6 |
| 7 30 | 17 44.86 | −22 1.4 | 1.799 | 2.654 | 14.4 | 21.8 |

**10127** Fröjel 6 24.9 225°.22 2°.9/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 47.57 | −29 28.8 | 1.599 | 2.456 | 15.6 | 19.1 |
| 5 31 | 18 41.57 | −29 50.0 | 1.518 | 2.449 | 12.0 | 18.9 |
| 6 10 | 18 32.55 | −30 7.5 | 1.458 | 2.441 | 7.8 | 18.6 |
| 6 20 | 18 21.34 | −30 16.9 | 1.423 | 2.432 | 3.8 | 18.3 |
| 6 30 | 18 9.23 | −30 15.1 | 1.414 | 2.423 | 3.9 | 18.3 |
| 7 10 | 17 57.77 | −30 1.8 | 1.431 | 2.413 | 8.1 | 18.6 |
| 7 20 | 17 48.31 | −29 39.3 | 1.472 | 2.403 | 12.4 | 18.8 |
| 7 30 | 17 41.84 | −29 11.5 | 1.534 | 2.392 | 16.3 | 19.0 |

**141129** 2001 $XA_{90}$ 6 24.9 111°.02 5°.0/23.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.86 | −35 52.2 | 2.323 | 3.158 | 12.1 | 20.3 |
| 5 31 | 18 38.79 | −37 2.5 | 2.257 | 3.168 | 9.5 | 20.1 |
| 6 10 | 18 30.47 | −38 7.0 | 2.216 | 3.178 | 7.0 | 20.0 |
| 6 20 | 18 20.57 | −39 0.5 | 2.200 | 3.188 | 5.2 | 19.9 |
| 6 30 | 18 10.05 | −39 39.3 | 2.213 | 3.197 | 5.5 | 19.9 |
| 7 10 | 18 0.03 | −40 2.0 | 2.252 | 3.207 | 7.5 | 20.0 |
| 7 20 | 17 51.48 | −40 9.9 | 2.317 | 3.216 | 10.0 | 20.2 |
| 7 30 | 17 45.17 | −40 5.8 | 2.405 | 3.225 | 12.3 | 20.4 |

**485860** 2012 $FE_{1}$ 6 24.9 162°.79 8°.0/27.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 51.60 | − 1 40.6 | 1.261 | 2.083 | 21.0 | 21.0 |
| 5 31 | 18 44.77 | − 2 22.9 | 1.192 | 2.089 | 17.2 | 20.8 |
| 6 10 | 18 34.65 | − 3 35.5 | 1.141 | 2.094 | 13.0 | 20.6 |
| 6 20 | 18 22.07 | − 5 19.1 | 1.113 | 2.099 | 9.2 | 20.4 |
| 6 30 | 18 8.47 | − 7 29.1 | 1.110 | 2.103 | 8.2 | 20.3 |
| 7 10 | 17 55.57 | − 9 56.2 | 1.133 | 2.105 | 11.0 | 20.5 |
| 7 20 | 17 44.87 | −12 29.4 | 1.180 | 2.107 | 15.2 | 20.7 |
| 7 30 | 17 37.47 | −14 59.5 | 1.250 | 2.108 | 19.2 | 21.0 |

**44408** 1998 $SK_{133}$ 6 24.9 269°.60 2°.4/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.29 | −17 27.8 | 1.998 | 2.850 | 13.2 | 19.8 |
| 5 31 | 18 35.36 | −17 8.9 | 1.909 | 2.837 | 10.1 | 19.6 |
| 6 10 | 18 28.35 | −16 54.0 | 1.843 | 2.823 | 6.6 | 19.4 |
| 6 20 | 18 19.87 | −16 43.3 | 1.802 | 2.810 | 3.2 | 19.1 |
| 6 30 | 18 10.77 | −16 37.1 | 1.788 | 2.796 | 3.2 | 19.1 |
| 7 10 | 18 2.06 | −16 35.5 | 1.801 | 2.783 | 6.7 | 19.3 |
| 7 20 | 17 54.64 | −16 38.5 | 1.839 | 2.769 | 10.4 | 19.5 |
| 7 30 | 17 49.25 | −16 45.9 | 1.900 | 2.755 | 13.7 | 19.7 |

**121708** 1999 $XT_{100}$ 6 24.9 241°.37 0°.5/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.10 | −26 48.4 | 2.939 | 3.776 | 9.8 | 19.8 |
| 5 31 | 18 36.08 | −26 22.6 | 2.839 | 3.761 | 7.4 | 19.6 |
| 6 10 | 18 28.49 | −25 53.2 | 2.764 | 3.746 | 4.6 | 19.4 |
| 6 20 | 18 19.86 | −25 19.8 | 2.717 | 3.730 | 1.6 | 19.1 |
| 6 30 | 18 10.85 | −24 42.5 | 2.701 | 3.713 | 1.7 | 19.1 |
| 7 10 | 18 2.19 | −24 2.3 | 2.714 | 3.697 | 4.7 | 19.3 |
| 7 20 | 17 54.55 | −23 20.9 | 2.756 | 3.679 | 7.6 | 19.5 |
| 7 30 | 17 48.46 | −22 40.2 | 2.823 | 3.662 | 10.2 | 19.6 |

**504961** 2011 $FQ_{103}$ 6 24.9 20°.91 10°.9/27.2 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.38 | − 0 25.7 | 1.228 | 2.072 | 20.1 | 20.4 |
| 5 31 | 18 33.02 | + 0 14.9 | 1.180 | 2.082 | 17.0 | 20.3 |
| 6 10 | 18 27.10 | + 0 29.5 | 1.149 | 2.093 | 13.8 | 20.1 |
| 6 20 | 18 19.46 | + 0 14.2 | 1.138 | 2.106 | 11.5 | 20.0 |
| 6 30 | 18 11.30 | − 0 31.7 | 1.148 | 2.119 | 11.0 | 20.0 |
| 7 10 | 18 3.95 | − 1 44.5 | 1.179 | 2.134 | 12.6 | 20.2 |
| 7 20 | 17 58.45 | − 3 17.3 | 1.231 | 2.150 | 15.3 | 20.4 |
| 7 30 | 17 55.58 | − 5 2.0 | 1.302 | 2.167 | 18.2 | 20.6 |

**254386** 2004 $TW_{209}$ 6 24.9 286°.76 1°.2/25.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.28 | −19 31.6 | 2.305 | 3.156 | 11.7 | 21.0 |
| 5 31 | 18 33.62 | −19 30.1 | 2.216 | 3.145 | 8.8 | 20.8 |
| 6 10 | 18 27.17 | −19 31.6 | 2.150 | 3.134 | 5.6 | 20.6 |
| 6 20 | 18 19.46 | −19 35.5 | 2.111 | 3.122 | 2.2 | 20.3 |
| 6 30 | 18 11.24 | −19 41.3 | 2.099 | 3.111 | 2.2 | 20.3 |
| 7 10 | 18 3.36 | −19 48.5 | 2.115 | 3.100 | 5.7 | 20.5 |
| 7 20 | 17 56.58 | −19 57.0 | 2.157 | 3.088 | 9.0 | 20.7 |
| 7 30 | 17 51.55 | −20 6.8 | 2.222 | 3.077 | 12.0 | 20.9 |

**93484** 2000 $TP_{22}$ 6 24.9 353°.33 6°.8/25.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 36.07 | −11 6.5 | 1.252 | 2.126 | 18.0 | 18.9 |
| 5 31 | 18 33.01 | −10 15.5 | 1.186 | 2.120 | 14.3 | 18.6 |
| 6 10 | 18 27.24 | − 9 36.4 | 1.139 | 2.115 | 10.4 | 18.4 |
| 6 20 | 18 19.56 | − 9 13.1 | 1.113 | 2.111 | 7.3 | 18.2 |
| 6 30 | 18 11.15 | − 9 7.9 | 1.110 | 2.108 | 7.3 | 18.2 |
| 7 10 | 18 3.41 | − 9 20.9 | 1.129 | 2.106 | 10.4 | 18.3 |
| 7 20 | 17 57.51 | − 9 50.0 | 1.168 | 2.106 | 14.4 | 18.6 |
| 7 30 | 17 54.33 | −10 31.5 | 1.227 | 2.107 | 18.1 | 18.8 |

**329971** 2005 $SS_{69}$ 6 24.9 310°.80 3°.7/23.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.50 | −25 36.6 | 1.368 | 2.243 | 16.7 | 20.0 |
| 5 31 | 18 38.67 | −27 5.6 | 1.270 | 2.212 | 12.9 | 19.7 |
| 6 10 | 18 31.42 | −28 44.7 | 1.193 | 2.180 | 8.5 | 19.4 |
| 6 20 | 18 21.21 | −30 27.2 | 1.139 | 2.148 | 4.3 | 19.0 |
| 6 30 | 18 9.19 | −32 4.2 | 1.110 | 2.117 | 5.1 | 19.0 |
| 7 10 | 17 57.10 | −33 27.9 | 1.105 | 2.086 | 10.1 | 19.2 |
| 7 20 | 17 46.78 | −34 34.2 | 1.123 | 2.056 | 15.2 | 19.4 |
| 7 30 | 17 39.81 | −35 23.5 | 1.159 | 2.026 | 19.8 | 19.5 |

**153649** 2001 $TJ_{102}$ 6 24.9 186°.67 2°.3/24.7 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.48 | −19 54.9 | 1.895 | 2.745 | 13.8 | 19.4 |
| 5 31 | 18 38.42 | −19 5.1 | 1.818 | 2.745 | 10.5 | 19.2 |
| 6 10 | 18 30.17 | −18 15.6 | 1.763 | 2.745 | 6.8 | 18.9 |
| 6 20 | 18 20.46 | −17 27.3 | 1.735 | 2.744 | 3.1 | 18.7 |
| 6 30 | 18 10.28 | −16 42.1 | 1.734 | 2.743 | 3.3 | 18.7 |
| 7 10 | 18 0.73 | −16 1.9 | 1.761 | 2.741 | 7.0 | 18.9 |
| 7 20 | 17 52.73 | −15 28.4 | 1.813 | 2.740 | 10.8 | 19.2 |
| 7 30 | 17 46.97 | −15 2.7 | 1.888 | 2.737 | 14.1 | 19.4 |

**19301** 1996 $SF_{8}$ 6 24.9 298°.37 0°.7/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.53 | −21 40.7 | 1.623 | 2.488 | 15.0 | 19.3 |
| 5 31 | 18 37.07 | −21 39.0 | 1.521 | 2.458 | 11.5 | 19.0 |
| 6 10 | 18 29.87 | −21 39.7 | 1.441 | 2.428 | 7.3 | 18.7 |
| 6 20 | 18 20.52 | −21 41.6 | 1.384 | 2.397 | 2.6 | 18.3 |
| 6 30 | 18 10.07 | −21 43.6 | 1.354 | 2.367 | 2.7 | 18.2 |
| 7 10 | 17 59.86 | −21 45.0 | 1.348 | 2.336 | 7.7 | 18.4 |
| 7 20 | 17 51.19 | −21 46.3 | 1.367 | 2.306 | 12.6 | 18.6 |
| 7 30 | 17 45.13 | −21 48.3 | 1.406 | 2.276 | 16.8 | 18.8 |

**366819** 2005 $ET_{270}$ 6 24.9 120°.60 1°.5/24.8 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 47.18 | −25 18.3 | 1.696 | 2.552 | 15.0 | 21.6 |
| 5 31 | 18 40.75 | −25 51.4 | 1.636 | 2.567 | 11.2 | 21.4 |
| 6 10 | 18 31.74 | −26 24.5 | 1.597 | 2.582 | 7.0 | 21.2 |
| 6 20 | 18 21.00 | −26 54.1 | 1.584 | 2.596 | 2.7 | 21.0 |
| 6 30 | 18 9.73 | −27 17.1 | 1.598 | 2.610 | 2.8 | 21.0 |
| 7 10 | 17 59.24 | −27 32.3 | 1.639 | 2.623 | 7.1 | 21.3 |
| 7 20 | 17 50.63 | −27 40.5 | 1.705 | 2.635 | 11.1 | 21.6 |
| 7 30 | 17 44.67 | −27 43.7 | 1.793 | 2.647 | 14.5 | 21.8 |

**38887** 2000 $SN_{134}$ 6 24.9 152°.31 2°.2/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.66 | −16 46.3 | 2.785 | 3.620 | 10.3 | 20.1 |
| 5 31 | 18 34.17 | −16 20.0 | 2.709 | 3.628 | 7.9 | 19.9 |
| 6 10 | 18 27.26 | −15 56.5 | 2.659 | 3.635 | 5.2 | 19.8 |
| 6 20 | 18 19.45 | −15 36.5 | 2.636 | 3.642 | 2.7 | 19.6 |
| 6 30 | 18 11.36 | −15 20.2 | 2.642 | 3.648 | 2.7 | 19.6 |
| 7 10 | 18 3.67 | −15 8.1 | 2.677 | 3.654 | 5.2 | 19.8 |
| 7 20 | 17 56.97 | −15 0.4 | 2.740 | 3.660 | 7.8 | 20.0 |
| 7 30 | 17 51.74 | −14 57.0 | 2.827 | 3.665 | 10.2 | 20.1 |

**27026** 1998 $QG_{86}$ 6 24.9 174°.99 1°.2/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.95 | −28 7.2 | 2.461 | 3.302 | 11.3 | 18.7 |
| 5 31 | 18 37.67 | −27 58.7 | 2.381 | 3.305 | 8.5 | 18.6 |
| 6 10 | 18 29.55 | −27 46.5 | 2.325 | 3.307 | 5.4 | 18.4 |
| 6 20 | 18 20.24 | −27 29.3 | 2.297 | 3.308 | 2.1 | 18.2 |
| 6 30 | 18 10.55 | −27 6.5 | 2.298 | 3.309 | 2.2 | 18.2 |
| 7 10 | 18 1.38 | −26 39.1 | 2.327 | 3.310 | 5.4 | 18.4 |
| 7 20 | 17 53.52 | −26 8.5 | 2.384 | 3.310 | 8.6 | 18.6 |
| 7 30 | 17 47.55 | −25 37.1 | 2.465 | 3.309 | 11.3 | 18.8 |

**433042** 2012 $SX_{32}$ 6 24.9 320°.99 2°.5/25.0 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.89 | −17 59.8 | 1.508 | 2.378 | 15.7 | 21.1 |
| 5 31 | 18 34.96 | −17 46.4 | 1.425 | 2.363 | 12.0 | 20.9 |
| 6 10 | 18 28.43 | −17 38.4 | 1.364 | 2.349 | 7.8 | 20.6 |
| 6 20 | 18 19.99 | −17 36.0 | 1.325 | 2.335 | 3.6 | 20.3 |
| 6 30 | 18 10.73 | −17 39.2 | 1.311 | 2.322 | 3.6 | 20.3 |
| 7 10 | 18 1.94 | −17 47.6 | 1.322 | 2.309 | 8.0 | 20.5 |
| 7 20 | 17 54.80 | −18 0.6 | 1.355 | 2.297 | 12.5 | 20.7 |
| 7 30 | 17 50.24 | −18 17.6 | 1.410 | 2.285 | 16.5 | 20.9 |

**149576** 2004 $BA_{43}$ 6 24.9 113°.48 4°.7/25.4 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.34 | −11 30.7 | 1.738 | 2.580 | 15.2 | 20.8 |
| 5 31 | 18 37.59 | −11 10.4 | 1.677 | 2.595 | 11.9 | 20.6 |
| 6 10 | 18 29.66 | −11 0.3 | 1.639 | 2.609 | 8.3 | 20.4 |
| 6 20 | 18 20.29 | −11 1.3 | 1.624 | 2.622 | 5.3 | 20.3 |
| 6 30 | 18 10.52 | −11 13.5 | 1.636 | 2.636 | 5.2 | 20.3 |
| 7 10 | 18 1.43 | −11 35.7 | 1.675 | 2.649 | 7.9 | 20.5 |
| 7 20 | 17 53.92 | −12 6.0 | 1.738 | 2.661 | 11.3 | 20.7 |
| 7 30 | 17 48.69 | −12 42.5 | 1.822 | 2.673 | 14.4 | 21.0 |

**380284** 2002 $AJ_{167}$ 6 24.9 95°.10 4°.7/25.3 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 49.14 | −36 41.3 | 1.884 | 2.722 | 14.4 | 20.5 |
| 5 31 | 18 42.03 | −36 50.0 | 1.827 | 2.741 | 11.2 | 20.3 |
| 6 10 | 18 32.39 | −36 48.0 | 1.792 | 2.760 | 7.9 | 20.1 |
| 6 20 | 18 21.18 | −36 31.6 | 1.782 | 2.779 | 5.2 | 20.0 |
| 6 30 | 18 9.69 | −35 59.7 | 1.800 | 2.797 | 5.1 | 20.0 |
| 7 10 | 17 59.22 | −35 14.1 | 1.844 | 2.815 | 7.6 | 20.2 |
| 7 20 | 17 50.78 | −34 19.0 | 1.913 | 2.832 | 10.7 | 20.4 |
| 7 30 | 17 45.05 | −33 19.5 | 2.006 | 2.849 | 13.6 | 20.7 |

**192653** 1999 $RD_{103}$ 6 24.9 313°.73 8°.4/24.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.14 | − 7 42.6 | 1.533 | 2.383 | 16.5 | 19.3 |
| 5 31 | 18 34.31 | − 6 22.9 | 1.446 | 2.360 | 13.6 | 19.0 |
| 6 10 | 18 28.02 | − 5 12.6 | 1.378 | 2.337 | 10.7 | 18.8 |
| 6 20 | 18 19.88 | − 4 17.1 | 1.333 | 2.314 | 8.7 | 18.6 |
| 6 30 | 18 10.88 | − 3 41.0 | 1.312 | 2.292 | 8.9 | 18.6 |
| 7 10 | 18 2.24 | − 3 26.7 | 1.314 | 2.271 | 11.4 | 18.7 |
| 7 20 | 17 55.09 | − 3 34.2 | 1.337 | 2.250 | 14.8 | 18.8 |
| 7 30 | 17 50.35 | − 4 0.8 | 1.380 | 2.230 | 18.2 | 19.0 |

**369551** 2011 $AB_{51}$ 6 24.9 239°.40 1°.1/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.97 | −21 21.4 | 1.826 | 2.680 | 14.1 | 22.1 |
| 5 31 | 18 38.37 | −21 5.3 | 1.738 | 2.669 | 10.7 | 21.9 |
| 6 10 | 18 30.35 | −20 50.2 | 1.673 | 2.658 | 6.8 | 21.6 |
| 6 20 | 18 20.62 | −20 35.5 | 1.634 | 2.646 | 2.5 | 21.4 |
| 6 30 | 18 10.17 | −20 21.1 | 1.621 | 2.633 | 2.6 | 21.3 |
| 7 10 | 18 0.21 | −20 7.4 | 1.635 | 2.620 | 7.0 | 21.6 |
| 7 20 | 17 51.78 | −19 55.4 | 1.674 | 2.607 | 11.1 | 21.8 |
| 7 30 | 17 45.72 | −19 46.2 | 1.736 | 2.593 | 14.7 | 22.0 |

**38223** 1999 $NG_{38}$ 6 24.9 354°.71 4°.9/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.32 | −31 43.7 | 1.118 | 2.005 | 18.7 | 17.5 |
| 5 31 | 18 37.80 | −32 17.4 | 1.056 | 2.001 | 14.5 | 17.2 |
| 6 10 | 18 30.64 | −32 44.5 | 1.012 | 1.997 | 9.8 | 17.0 |
| 6 20 | 18 20.82 | −32 59.0 | 0.988 | 1.995 | 5.6 | 16.7 |
| 6 30 | 18 10.01 | −32 56.5 | 0.987 | 1.993 | 5.8 | 16.7 |
| 7 10 | 18 0.18 | −32 36.9 | 1.007 | 1.993 | 10.1 | 17.0 |
| 7 20 | 17 52.96 | −32 4.0 | 1.048 | 1.994 | 14.8 | 17.2 |
| 7 30 | 17 49.42 | −31 23.5 | 1.108 | 1.995 | 19.1 | 17.5 |

**438816** 2008 $YC_{153}$ 6 24.9 346°.25 12°.0/27.9 15

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 19 0.29 | −48 29.8 | 0.951 | 1.801 | 24.3 | 21.0 |
| 5 31 | 18 53.42 | −48 24.1 | 0.890 | 1.798 | 20.6 | 20.7 |
| 6 10 | 18 40.73 | −47 43.5 | 0.844 | 1.796 | 16.5 | 20.5 |
| 6 20 | 18 24.15 | −46 15.4 | 0.816 | 1.794 | 13.1 | 20.3 |
| 6 30 | 18 6.87 | −43 55.4 | 0.808 | 1.792 | 12.1 | 20.2 |
| 7 10 | 17 52.23 | −40 54.0 | 0.821 | 1.791 | 14.4 | 20.3 |
| 7 20 | 17 42.30 | −37 31.6 | 0.855 | 1.791 | 18.4 | 20.6 |
| 7 30 | 17 37.84 | −34 9.8 | 0.908 | 1.791 | 22.7 | 20.8 |

**106517** 2000 $WQ_{45}$ 6 24.9 296°.83 3°.3/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.50 | −14 49.6 | 2.199 | 3.045 | 12.3 | 19.8 |
| 5 31 | 18 33.75 | −14 18.0 | 2.119 | 3.041 | 9.5 | 19.6 |
| 6 10 | 18 27.23 | −13 51.3 | 2.062 | 3.037 | 6.5 | 19.4 |
| 6 20 | 18 19.52 | −13 30.6 | 2.031 | 3.033 | 3.8 | 19.2 |
| 6 30 | 18 11.37 | −13 16.8 | 2.027 | 3.030 | 3.9 | 19.2 |
| 7 10 | 18 3.64 | −13 10.1 | 2.050 | 3.026 | 6.5 | 19.4 |
| 7 20 | 17 57.07 | −13 10.5 | 2.098 | 3.022 | 9.6 | 19.5 |
| 7 30 | 17 52.28 | −13 17.4 | 2.170 | 3.019 | 12.5 | 19.7 |

**120766** 1998 $BA_{16}$ 6 24.9 74°.30 8°.9/28.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.22 | + 3 58.7 | 1.728 | 2.511 | 17.7 | 19.3 |
| 5 31 | 18 38.97 | + 3 25.7 | 1.668 | 2.530 | 14.9 | 19.2 |
| 6 10 | 18 30.52 | + 2 26.7 | 1.628 | 2.549 | 12.1 | 19.0 |
| 6 20 | 18 20.62 | + 1 0.9 | 1.612 | 2.568 | 9.7 | 18.9 |
| 6 30 | 18 10.29 | − 0 49.0 | 1.621 | 2.587 | 8.9 | 18.9 |
| 7 10 | 18 0.64 | − 2 56.9 | 1.658 | 2.605 | 10.2 | 19.0 |
| 7 20 | 17 52.59 | − 5 15.0 | 1.720 | 2.624 | 12.6 | 19.2 |
| 7 30 | 17 46.84 | − 7 35.8 | 1.807 | 2.642 | 15.2 | 19.4 |

**511308** 2014 $DF_{90}$ 6 24.9 315°.89 8°.2/25.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.17 | − 2 3.4 | 1.922 | 2.738 | 15.0 | 20.7 |
| 5 31 | 18 33.71 | − 1 23.1 | 1.848 | 2.734 | 12.6 | 20.6 |
| 6 10 | 18 27.31 | − 0 58.4 | 1.795 | 2.731 | 10.2 | 20.4 |
| 6 20 | 18 19.58 | − 0 52.3 | 1.765 | 2.728 | 8.5 | 20.3 |
| 6 30 | 18 11.33 | − 1 6.4 | 1.759 | 2.725 | 8.3 | 20.3 |
| 7 10 | 18 3.51 | − 1 39.9 | 1.778 | 2.722 | 9.9 | 20.4 |
| 7 20 | 17 56.95 | − 2 30.3 | 1.821 | 2.719 | 12.3 | 20.5 |
| 7 30 | 17 52.30 | − 3 33.4 | 1.884 | 2.716 | 14.8 | 20.7 |

**103520** 2000 $BB_{6}$ 6 24.9 177°.20 5°.8/24.2 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.88 | −39 22.7 | 2.337 | 3.162 | 12.4 | 20.0 |
| 5 31 | 18 40.43 | −40 18.2 | 2.263 | 3.164 | 10.0 | 19.8 |
| 6 10 | 18 31.58 | −41 5.1 | 2.212 | 3.165 | 7.6 | 19.7 |
| 6 20 | 18 21.04 | −41 38.6 | 2.187 | 3.165 | 6.0 | 19.6 |
| 6 30 | 18 9.83 | −41 55.1 | 2.189 | 3.166 | 6.2 | 19.6 |
| 7 10 | 17 59.16 | −41 54.0 | 2.218 | 3.166 | 8.0 | 19.7 |
| 7 20 | 17 50.08 | −41 37.2 | 2.272 | 3.165 | 10.4 | 19.8 |
| 7 30 | 17 43.39 | −41 8.7 | 2.349 | 3.164 | 12.7 | 20.0 |

**263131** 2007 $VH_{90}$ 6 24.9 223°.04 2°.0/25.0 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 43.83 | −18 44.1 | 1.576 | 2.436 | 15.6 | 21.6 |
| 5 31 | 18 38.52 | −18 37.8 | 1.499 | 2.432 | 11.9 | 21.3 |
| 6 10 | 18 30.56 | −18 36.4 | 1.443 | 2.427 | 7.6 | 21.1 |
| 6 20 | 18 20.73 | −18 39.3 | 1.411 | 2.422 | 3.2 | 20.8 |
| 6 30 | 18 10.14 | −18 45.7 | 1.406 | 2.417 | 3.2 | 20.8 |
| 7 10 | 18 0.14 | −18 55.0 | 1.426 | 2.412 | 7.7 | 21.0 |
| 7 20 | 17 51.88 | −19 6.8 | 1.470 | 2.406 | 12.1 | 21.3 |
| 7 30 | 17 46.25 | −19 21.2 | 1.535 | 2.400 | 15.9 | 21.5 |

**166258** 2002 $GY_{60}$ 6 24.9 40°.45 0°.8/24.9 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.49 | −23 33.8 | 1.308 | 2.184 | 17.3 | 19.7 |
| 5 31 | 18 38.69 | −23 57.6 | 1.247 | 2.189 | 13.0 | 19.4 |
| 6 10 | 18 30.83 | −24 23.9 | 1.205 | 2.194 | 8.1 | 19.2 |
| 6 20 | 18 20.83 | −24 49.3 | 1.186 | 2.199 | 2.8 | 18.9 |
| 6 30 | 18 10.07 | −25 10.7 | 1.191 | 2.204 | 2.9 | 18.9 |
| 7 10 | 18 0.16 | −25 26.4 | 1.221 | 2.210 | 8.2 | 19.2 |
| 7 20 | 17 52.42 | −25 36.9 | 1.273 | 2.216 | 12.9 | 19.5 |
| 7 30 | 17 47.77 | −25 43.6 | 1.345 | 2.222 | 17.0 | 19.8 |

**125927** 2001 $XD_{238}$ 6 24.9 230°.56 0°.8/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.53 | −24 57.2 | 1.941 | 2.795 | 13.4 | 20.3 |
| 5 31 | 18 37.98 | −25 8.3 | 1.856 | 2.787 | 10.1 | 20.1 |
| 6 10 | 18 30.09 | −25 19.1 | 1.794 | 2.779 | 6.3 | 19.9 |
| 6 20 | 18 20.55 | −25 27.7 | 1.758 | 2.770 | 2.3 | 19.6 |
| 6 30 | 18 10.33 | −25 32.1 | 1.749 | 2.761 | 2.4 | 19.6 |
| 7 10 | 18 0.58 | −25 32.0 | 1.767 | 2.752 | 6.5 | 19.8 |
| 7 20 | 17 52.32 | −25 28.0 | 1.810 | 2.742 | 10.4 | 20.0 |
| 7 30 | 17 46.35 | −25 21.8 | 1.877 | 2.732 | 13.9 | 20.2 |

**255878** 2006 $SQ_{239}$ 6 24.9 198°.11 0°.8/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.22 | −24 40.0 | 1.917 | 2.768 | 13.6 | 21.7 |
| 5 31 | 18 39.22 | −24 55.2 | 1.836 | 2.766 | 10.3 | 21.5 |
| 6 10 | 18 30.85 | −25 10.5 | 1.778 | 2.762 | 6.4 | 21.2 |
| 6 20 | 18 20.80 | −25 23.6 | 1.746 | 2.759 | 2.3 | 21.0 |
| 6 30 | 18 10.09 | −25 32.4 | 1.742 | 2.754 | 2.4 | 21.0 |
| 7 10 | 17 59.91 | −25 36.4 | 1.765 | 2.749 | 6.6 | 21.2 |
| 7 20 | 17 51.28 | −25 36.1 | 1.813 | 2.744 | 10.5 | 21.5 |
| 7 30 | 17 45.01 | −25 33.2 | 1.885 | 2.738 | 13.9 | 21.7 |

**145426** 2005 $QS_{48}$ 6 24.9 336°.10 5°.6/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.82 | −38 22.2 | 2.246 | 3.089 | 12.2 | 17.9 |
| 5 31 | 18 34.54 | −39 5.3 | 2.158 | 3.070 | 9.8 | 17.7 |
| 6 10 | 18 28.03 | −39 40.8 | 2.092 | 3.053 | 7.5 | 17.6 |
| 6 20 | 18 19.88 | −40 4.6 | 2.051 | 3.036 | 5.8 | 17.4 |
| 6 30 | 18 11.03 | −40 13.5 | 2.035 | 3.019 | 5.9 | 17.4 |
| 7 10 | 18 2.58 | −40 6.6 | 2.046 | 3.003 | 7.9 | 17.5 |
| 7 20 | 17 55.52 | −39 45.5 | 2.080 | 2.988 | 10.5 | 17.6 |
| 7 30 | 17 50.68 | −39 13.3 | 2.137 | 2.974 | 13.1 | 17.8 |

**342504** 2008 $UB_{183}$ 6 24.9 113°.17 1°.6/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.80 | −26 7.0 | 1.864 | 2.722 | 13.7 | 21.1 |
| 5 31 | 18 37.44 | −26 35.9 | 1.793 | 2.726 | 10.3 | 20.9 |
| 6 10 | 18 29.75 | −27 4.4 | 1.744 | 2.729 | 6.5 | 20.7 |
| 6 20 | 18 20.43 | −27 29.6 | 1.721 | 2.732 | 2.6 | 20.4 |
| 6 30 | 18 10.52 | −27 48.9 | 1.724 | 2.736 | 2.8 | 20.5 |
| 7 10 | 18 1.19 | −28 1.2 | 1.755 | 2.739 | 6.7 | 20.7 |
| 7 20 | 17 53.44 | −28 7.1 | 1.810 | 2.742 | 10.4 | 20.9 |
| 7 30 | 17 48.05 | −28 8.0 | 1.888 | 2.745 | 13.7 | 21.2 |

**75296** 1999 $XS_{30}$ 6 24.9 214°.01 2°.2/25.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.23 | −16 26.5 | 1.720 | 2.573 | 14.9 | 19.7 |
| 5 31 | 18 37.89 | −16 40.0 | 1.641 | 2.569 | 11.4 | 19.4 |
| 6 10 | 18 30.11 | −17 1.4 | 1.584 | 2.565 | 7.4 | 19.2 |
| 6 20 | 18 20.59 | −17 29.7 | 1.551 | 2.561 | 3.3 | 18.9 |
| 6 30 | 18 10.34 | −18 3.2 | 1.545 | 2.556 | 3.2 | 18.9 |
| 7 10 | 18 0.56 | −18 39.7 | 1.566 | 2.551 | 7.2 | 19.1 |
| 7 20 | 17 52.35 | −19 17.7 | 1.612 | 2.546 | 11.4 | 19.4 |
| 7 30 | 17 46.53 | −19 55.9 | 1.680 | 2.540 | 15.0 | 19.6 |

**340405** 2006 $EM_{63}$ 6 24.9 36°.30 2°.9/25.0 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.34 | −17 12.3 | 1.618 | 2.481 | 15.2 | 20.7 |
| 5 31 | 18 35.63 | −16 49.9 | 1.554 | 2.487 | 11.6 | 20.4 |
| 6 10 | 18 28.60 | −16 32.9 | 1.511 | 2.494 | 7.5 | 20.2 |
| 6 20 | 18 20.03 | −16 21.9 | 1.493 | 2.501 | 3.7 | 20.0 |
| 6 30 | 18 10.97 | −16 17.0 | 1.500 | 2.509 | 3.7 | 20.0 |
| 7 10 | 18 2.59 | −16 18.3 | 1.532 | 2.516 | 7.4 | 20.3 |
| 7 20 | 17 55.86 | −16 25.2 | 1.589 | 2.524 | 11.3 | 20.5 |
| 7 30 | 17 51.49 | −16 37.1 | 1.666 | 2.533 | 14.8 | 20.8 |

**504137** 2006 $SG_{15}$ 6 24.9 329°.88 2°.7/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.82 | −28 16.3 | 1.122 | 2.014 | 18.3 | 20.8 |
| 5 31 | 18 36.01 | −28 29.5 | 1.045 | 1.994 | 14.1 | 20.5 |
| 6 10 | 18 29.67 | −28 39.3 | 0.985 | 1.976 | 9.1 | 20.2 |
| 6 20 | 18 20.59 | −28 41.7 | 0.947 | 1.959 | 4.0 | 19.8 |
| 6 30 | 18 10.28 | −28 33.5 | 0.930 | 1.942 | 4.2 | 19.8 |
| 7 10 | 18 0.62 | −28 14.3 | 0.936 | 1.927 | 9.6 | 20.0 |
| 7 20 | 17 53.32 | −27 46.7 | 0.961 | 1.913 | 15.0 | 20.3 |
| 7 30 | 17 49.62 | −27 15.1 | 1.004 | 1.901 | 19.9 | 20.5 |

**78377** 2002 $PF_{133}$ 6 24.9 311°.03 2°.5/25.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.88 | −17 18.8 | 1.832 | 2.689 | 13.9 | 19.6 |
| 5 31 | 18 35.19 | −17 4.2 | 1.753 | 2.684 | 10.7 | 19.3 |
| 6 10 | 18 28.33 | −16 54.6 | 1.697 | 2.679 | 6.9 | 19.1 |
| 6 20 | 18 19.96 | −16 50.1 | 1.666 | 2.675 | 3.3 | 18.9 |
| 6 30 | 18 11.01 | −16 50.7 | 1.661 | 2.670 | 3.3 | 18.9 |
| 7 10 | 18 2.56 | −16 56.0 | 1.682 | 2.666 | 6.9 | 19.1 |
| 7 20 | 17 55.52 | −17 5.8 | 1.728 | 2.662 | 10.7 | 19.3 |
| 7 30 | 17 50.65 | −17 19.6 | 1.796 | 2.658 | 14.1 | 19.5 |

**269751** 1999 $AC_{32}$ 6 24.9 247°.79 0°.2/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.56 | −22 7.3 | 1.887 | 2.741 | 13.7 | 21.8 |
| 5 31 | 18 38.11 | −22 17.3 | 1.796 | 2.727 | 10.4 | 21.5 |
| 6 10 | 18 30.27 | −22 29.5 | 1.728 | 2.712 | 6.5 | 21.3 |
| 6 20 | 18 20.66 | −22 42.3 | 1.684 | 2.697 | 2.2 | 20.9 |
| 6 30 | 18 10.26 | −22 54.1 | 1.669 | 2.682 | 2.3 | 20.9 |
| 7 10 | 18 0.24 | −23 3.8 | 1.680 | 2.666 | 6.7 | 21.2 |
| 7 20 | 17 51.66 | −23 11.5 | 1.716 | 2.649 | 10.8 | 21.4 |
| 7 30 | 17 45.41 | −23 18.1 | 1.775 | 2.632 | 14.5 | 21.6 |

**90295** 2003 $ES_{28}$ 6 24.9 66°.21 7°.1/24.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.73 | −41 53.1 | 2.077 | 2.903 | 13.7 | 19.0 |
| 5 31 | 18 40.49 | −42 57.9 | 2.025 | 2.922 | 11.2 | 18.9 |
| 6 10 | 18 31.65 | −43 51.0 | 1.996 | 2.941 | 8.8 | 18.7 |
| 6 20 | 18 21.06 | −44 26.7 | 1.992 | 2.960 | 7.3 | 18.7 |
| 6 30 | 18 9.94 | −44 41.6 | 2.013 | 2.979 | 7.4 | 18.7 |
| 7 10 | 17 59.63 | −44 35.8 | 2.059 | 2.998 | 9.0 | 18.9 |
| 7 20 | 17 51.23 | −44 12.2 | 2.130 | 3.017 | 11.2 | 19.0 |
| 7 30 | 17 45.51 | −43 35.9 | 2.221 | 3.036 | 13.4 | 19.2 |

**513222** 2005 $UJ_{319}$ 6 24.9 221°.07 1°.7/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.96 | −18 25.7 | 2.631 | 3.473 | 10.7 | 22.2 |
| 5 31 | 18 33.89 | −18 9.9 | 2.544 | 3.467 | 8.1 | 22.0 |
| 6 10 | 18 27.25 | −17 56.4 | 2.481 | 3.461 | 5.2 | 21.8 |
| 6 20 | 18 19.56 | −17 45.5 | 2.445 | 3.454 | 2.4 | 21.6 |
| 6 30 | 18 11.48 | −17 37.1 | 2.438 | 3.447 | 2.4 | 21.6 |
| 7 10 | 18 3.73 | −17 31.5 | 2.459 | 3.440 | 5.2 | 21.8 |
| 7 20 | 17 56.98 | −17 28.6 | 2.507 | 3.433 | 8.2 | 21.9 |
| 7 30 | 17 51.78 | −17 28.8 | 2.580 | 3.425 | 10.8 | 22.1 |

**106685** 2000 $WE_{156}$ 6 24.9 213°.03 3°.8/24.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.65 | −34 57.4 | 2.764 | 3.596 | 10.5 | 20.2 |
| 5 31 | 18 36.87 | −35 36.9 | 2.678 | 3.590 | 8.2 | 20.0 |
| 6 10 | 18 29.22 | −36 11.2 | 2.617 | 3.583 | 5.8 | 19.8 |
| 6 20 | 18 20.25 | −36 37.2 | 2.583 | 3.577 | 4.0 | 19.7 |
| 6 30 | 18 10.75 | −36 52.4 | 2.577 | 3.570 | 4.2 | 19.7 |
| 7 10 | 18 1.60 | −36 56.3 | 2.599 | 3.562 | 6.2 | 19.8 |
| 7 20 | 17 53.60 | −36 49.7 | 2.648 | 3.554 | 8.6 | 20.0 |
| 7 30 | 17 47.41 | −36 34.8 | 2.720 | 3.546 | 10.9 | 20.1 |

**310717** 2002 $NR_{71}$ 6 24.9 36°.71 4°.2/25.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.58 | −37 0.3 | 2.201 | 3.040 | 12.6 | 20.6 |
| 5 31 | 18 37.71 | −36 57.8 | 2.132 | 3.047 | 9.9 | 20.4 |
| 6 10 | 18 29.72 | −36 45.4 | 2.086 | 3.054 | 7.0 | 20.2 |
| 6 20 | 18 20.38 | −36 20.7 | 2.066 | 3.062 | 4.6 | 20.1 |
| 6 30 | 18 10.72 | −35 43.0 | 2.072 | 3.069 | 4.5 | 20.1 |
| 7 10 | 18 1.80 | −34 53.7 | 2.106 | 3.077 | 6.8 | 20.3 |
| 7 20 | 17 54.50 | −33 56.2 | 2.166 | 3.086 | 9.6 | 20.5 |
| 7 30 | 17 49.43 | −32 54.7 | 2.249 | 3.094 | 12.2 | 20.6 |

**183665** 2003 $WR_{131}$ 6 24.9 171°.09 1°.7/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.99 | −26 49.2 | 1.747 | 2.603 | 14.6 | 21.4 |
| 5 31 | 18 40.00 | −27 10.1 | 1.674 | 2.605 | 11.0 | 21.2 |
| 6 10 | 18 31.42 | −27 29.5 | 1.623 | 2.607 | 7.0 | 20.9 |
| 6 20 | 18 21.03 | −27 44.2 | 1.598 | 2.609 | 2.8 | 20.7 |
| 6 30 | 18 9.99 | −27 51.9 | 1.599 | 2.610 | 3.0 | 20.7 |
| 7 10 | 17 59.61 | −27 51.8 | 1.627 | 2.611 | 7.1 | 21.0 |
| 7 20 | 17 51.01 | −27 45.4 | 1.680 | 2.611 | 11.1 | 21.2 |
| 7 30 | 17 45.01 | −27 34.9 | 1.755 | 2.611 | 14.6 | 21.4 |

**45580** Reneracine 6 24.9 171°.45 2°.0/24.8 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.66 | −28 26.5 | 1.982 | 2.836 | 13.1 | 19.2 |
| 5 31 | 18 37.25 | −28 41.5 | 1.906 | 2.836 | 10.0 | 19.0 |
| 6 10 | 18 29.59 | −28 53.5 | 1.854 | 2.837 | 6.4 | 18.8 |
| 6 20 | 18 20.39 | −29 0.0 | 1.827 | 2.837 | 2.8 | 18.6 |
| 6 30 | 18 10.65 | −28 59.3 | 1.827 | 2.837 | 2.9 | 18.6 |
| 7 10 | 18 1.48 | −28 51.1 | 1.855 | 2.838 | 6.5 | 18.8 |
| 7 20 | 17 53.84 | −28 36.9 | 1.907 | 2.838 | 10.1 | 19.0 |
| 7 30 | 17 48.46 | −28 18.9 | 1.983 | 2.838 | 13.2 | 19.2 |

**343522** 2010 $EP_{130}$ 6 24.9 155°.91 2°.7/25.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.46 | −16 11.1 | 2.010 | 2.859 | 13.2 | 21.2 |
| 5 31 | 18 35.38 | −15 56.1 | 1.935 | 2.861 | 10.1 | 21.0 |
| 6 10 | 18 28.33 | −15 46.4 | 1.884 | 2.862 | 6.6 | 20.8 |
| 6 20 | 18 19.95 | −15 42.2 | 1.857 | 2.864 | 3.4 | 20.6 |
| 6 30 | 18 11.11 | −15 43.6 | 1.858 | 2.865 | 3.4 | 20.6 |
| 7 10 | 18 2.75 | −15 50.3 | 1.885 | 2.866 | 6.6 | 20.8 |
| 7 20 | 17 55.71 | −16 1.7 | 1.938 | 2.867 | 10.0 | 21.0 |
| 7 30 | 17 50.66 | −16 17.2 | 2.014 | 2.868 | 13.1 | 21.2 |

**437391** 2013 $WG_{48}$ 6 24.9 124°.18 6°.3/24.5 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 49.22 | −40 36.1 | 2.208 | 3.030 | 13.1 | 21.8 |
| 5 31 | 18 42.18 | −41 28.1 | 2.148 | 3.045 | 10.6 | 21.6 |
| 6 10 | 18 32.63 | −42 9.5 | 2.111 | 3.060 | 8.1 | 21.5 |
| 6 20 | 18 21.41 | −42 35.1 | 2.099 | 3.074 | 6.5 | 21.4 |
| 6 30 | 18 9.67 | −42 41.7 | 2.114 | 3.088 | 6.6 | 21.5 |
| 7 10 | 17 58.69 | −42 29.6 | 2.155 | 3.101 | 8.3 | 21.6 |
| 7 20 | 17 49.55 | −42 1.6 | 2.222 | 3.113 | 10.6 | 21.8 |
| 7 30 | 17 42.99 | −41 22.5 | 2.311 | 3.126 | 12.9 | 22.0 |

**11216** Billhubbard 6 24.9 242°.73 0°.9/25.0 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.91 | −20 44.9 | 1.642 | 2.500 | 15.2 | 18.5 |
| 5 31 | 18 39.43 | −20 49.4 | 1.555 | 2.488 | 11.6 | 18.2 |
| 6 10 | 18 31.24 | −20 57.4 | 1.490 | 2.475 | 7.3 | 18.0 |
| 6 20 | 18 21.05 | −21 7.5 | 1.449 | 2.461 | 2.7 | 17.6 |
| 6 30 | 18 9.95 | −21 18.2 | 1.434 | 2.447 | 2.7 | 17.6 |
| 7 10 | 17 59.31 | −21 28.5 | 1.446 | 2.433 | 7.5 | 17.9 |
| 7 20 | 17 50.34 | −21 38.3 | 1.483 | 2.418 | 12.0 | 18.1 |
| 7 30 | 17 44.00 | −21 48.4 | 1.540 | 2.403 | 16.0 | 18.3 |

**107119** 2001 $AM_{39}$ 6 24.9 153°.78 0°.8/24.9 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.17 | −24 31.0 | 1.784 | 2.638 | 14.4 | 21.6 |
| 5 31 | 18 40.00 | −24 48.9 | 1.714 | 2.645 | 10.8 | 21.4 |
| 6 10 | 18 31.35 | −25 7.1 | 1.667 | 2.651 | 6.8 | 21.1 |
| 6 20 | 18 21.01 | −25 22.9 | 1.645 | 2.657 | 2.4 | 20.9 |
| 6 30 | 18 10.08 | −25 34.2 | 1.650 | 2.663 | 2.5 | 20.9 |
| 7 10 | 17 59.82 | −25 40.3 | 1.682 | 2.667 | 6.8 | 21.2 |
| 7 20 | 17 51.28 | −25 41.8 | 1.740 | 2.671 | 10.8 | 21.4 |
| 7 30 | 17 45.25 | −25 40.6 | 1.820 | 2.675 | 14.2 | 21.6 |

**57930** 2002 $GJ_{97}$ 6 24.9 277°.43 4°.9/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.76 | −31 44.8 | 1.484 | 2.347 | 16.3 | 19.8 |
| 5 31 | 18 40.72 | −32 39.3 | 1.402 | 2.334 | 12.7 | 19.5 |
| 6 10 | 18 32.39 | −33 30.8 | 1.341 | 2.320 | 8.7 | 19.3 |
| 6 20 | 18 21.52 | −34 12.7 | 1.304 | 2.307 | 5.4 | 19.0 |
| 6 30 | 18 9.47 | −34 39.3 | 1.291 | 2.293 | 5.7 | 19.0 |
| 7 10 | 17 57.95 | −34 48.2 | 1.303 | 2.279 | 9.4 | 19.2 |
| 7 20 | 17 48.52 | −34 41.1 | 1.338 | 2.266 | 13.6 | 19.4 |
| 7 30 | 17 42.35 | −34 22.3 | 1.392 | 2.252 | 17.5 | 19.6 |

**437604** 2014 $BO_{7}$ 6 24.9 241°.90 2°.1/25.2 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.51 | −16 41.4 | 1.961 | 2.812 | 13.4 | 21.2 |
| 5 31 | 18 35.57 | −16 49.5 | 1.882 | 2.810 | 10.2 | 21.0 |
| 6 10 | 18 28.55 | −17 4.2 | 1.826 | 2.807 | 6.6 | 20.7 |
| 6 20 | 18 20.07 | −17 24.5 | 1.795 | 2.804 | 3.0 | 20.5 |
| 6 30 | 18 11.03 | −17 49.3 | 1.791 | 2.801 | 2.9 | 20.5 |
| 7 10 | 18 2.42 | −18 17.3 | 1.814 | 2.798 | 6.5 | 20.7 |
| 7 20 | 17 55.14 | −18 47.3 | 1.863 | 2.795 | 10.1 | 20.9 |
| 7 30 | 17 49.91 | −19 18.2 | 1.934 | 2.792 | 13.4 | 21.1 |

**429581** 2011 $ET_{22}$ 6 24.9 50°.56 3°.6/24.7 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.59 | −30 19.9 | 1.453 | 2.320 | 16.3 | 21.0 |
| 5 31 | 18 39.26 | −30 56.1 | 1.401 | 2.337 | 12.4 | 20.8 |
| 6 10 | 18 31.04 | −31 27.4 | 1.371 | 2.353 | 8.1 | 20.6 |
| 6 20 | 18 20.91 | −31 49.2 | 1.363 | 2.371 | 4.3 | 20.4 |
| 6 30 | 18 10.26 | −31 58.3 | 1.381 | 2.388 | 4.5 | 20.5 |
| 7 10 | 18 0.60 | −31 54.5 | 1.424 | 2.406 | 8.2 | 20.7 |
| 7 20 | 17 53.12 | −31 40.3 | 1.490 | 2.424 | 12.1 | 21.0 |
| 7 30 | 17 48.60 | −31 19.5 | 1.577 | 2.442 | 15.5 | 21.3 |

**300655** 2007 $UA_{102}$ 6 24.9 296°.97 0°.9/25.0 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.17 | −21 0.7 | 1.911 | 2.770 | 13.4 | 21.2 |
| 5 31 | 18 35.43 | −20 58.2 | 1.828 | 2.761 | 10.1 | 21.0 |
| 6 10 | 18 28.53 | −20 58.0 | 1.768 | 2.753 | 6.4 | 20.7 |
| 6 20 | 18 20.09 | −20 59.3 | 1.732 | 2.745 | 2.3 | 20.4 |
| 6 30 | 18 11.04 | −21 1.4 | 1.724 | 2.736 | 2.3 | 20.4 |
| 7 10 | 18 2.43 | −21 3.9 | 1.742 | 2.728 | 6.4 | 20.7 |
| 7 20 | 17 55.22 | −21 7.0 | 1.785 | 2.720 | 10.3 | 20.9 |
| 7 30 | 17 50.15 | −21 11.0 | 1.850 | 2.712 | 13.7 | 21.1 |

**503945** 2003 $UF_{190}$ 6 24.9 252°.48 5°.2/24.8 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.81 | −12 9.6 | 1.819 | 2.659 | 14.7 | 22.2 |
| 5 31 | 18 38.29 | −11 22.4 | 1.724 | 2.640 | 11.7 | 22.0 |
| 6 10 | 18 30.41 | −10 41.7 | 1.651 | 2.620 | 8.4 | 21.8 |
| 6 20 | 18 20.77 | −10 9.7 | 1.603 | 2.599 | 5.7 | 21.6 |
| 6 30 | 18 10.31 | − 9 48.7 | 1.581 | 2.577 | 5.8 | 21.5 |
| 7 10 | 18 0.19 | − 9 39.8 | 1.585 | 2.555 | 8.7 | 21.6 |
| 7 20 | 17 51.45 | − 9 43.0 | 1.615 | 2.532 | 12.4 | 21.8 |
| 7 30 | 17 44.96 | − 9 57.2 | 1.665 | 2.508 | 15.9 | 22.0 |

**43594** 2001 $QP_{101}$ 6 24.9 134°.08 3°.1/24.9 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 48.75 | −29 51.0 | 1.497 | 2.357 | 16.4 | 18.8 |
| 5 31 | 18 42.42 | −30 12.5 | 1.434 | 2.365 | 12.5 | 18.6 |
| 6 10 | 18 33.06 | −30 29.1 | 1.391 | 2.373 | 8.1 | 18.4 |
| 6 20 | 18 21.62 | −30 36.5 | 1.372 | 2.381 | 4.0 | 18.1 |
| 6 30 | 18 9.54 | −30 31.9 | 1.379 | 2.388 | 4.0 | 18.2 |
| 7 10 | 17 58.39 | −30 15.7 | 1.412 | 2.395 | 8.1 | 18.4 |
| 7 20 | 17 49.47 | −29 50.8 | 1.469 | 2.401 | 12.4 | 18.7 |
| 7 30 | 17 43.65 | −29 21.3 | 1.547 | 2.407 | 16.1 | 18.9 |

**428176** 2006 $TV_{46}$ 6 24.9 200°.25 0°.6/24.9 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 45.10 | −24 25.5 | 1.972 | 2.822 | 13.4 | 22.4 |
| 5 31 | 18 39.10 | −24 38.5 | 1.890 | 2.819 | 10.1 | 22.2 |
| 6 10 | 18 30.79 | −24 51.8 | 1.831 | 2.815 | 6.3 | 21.9 |
| 6 20 | 18 20.85 | −25 3.0 | 1.798 | 2.810 | 2.2 | 21.7 |
| 6 30 | 18 10.27 | −25 10.4 | 1.793 | 2.805 | 2.3 | 21.7 |
| 7 10 | 18 0.19 | −25 13.5 | 1.815 | 2.800 | 6.4 | 21.9 |
| 7 20 | 17 51.61 | −25 12.7 | 1.863 | 2.793 | 10.3 | 22.1 |
| 7 30 | 17 45.32 | −25 9.7 | 1.934 | 2.786 | 13.7 | 22.3 |

**1883** Rimito 6 24.9 255°.02 5°.1/23.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 50.38 | −31 15.6 | 1.938 | 2.779 | 13.9 | 17.3 |
| 5 31 | 18 43.91 | −32 58.8 | 1.840 | 2.758 | 10.9 | 17.0 |
| 6 10 | 18 34.36 | −34 44.2 | 1.765 | 2.737 | 7.7 | 16.8 |
| 6 20 | 18 22.26 | −36 24.1 | 1.718 | 2.714 | 5.3 | 16.6 |
| 6 30 | 18 8.66 | −37 50.4 | 1.699 | 2.691 | 5.9 | 16.6 |
| 7 10 | 17 55.04 | −38 57.8 | 1.708 | 2.668 | 9.0 | 16.7 |
| 7 20 | 17 42.90 | −39 44.9 | 1.743 | 2.643 | 12.6 | 16.9 |
| 7 30 | 17 33.51 | −40 14.3 | 1.800 | 2.618 | 15.9 | 17.0 |

**278575** 2008 $HV_{35}$ 6 24.9 329°.24 2°.1/24.6 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.28 | −24 45.7 | 1.265 | 2.149 | 17.2 | 20.2 |
| 5 31 | 18 36.02 | −25 32.9 | 1.186 | 2.133 | 13.1 | 19.9 |
| 6 10 | 18 29.57 | −26 24.6 | 1.126 | 2.116 | 8.3 | 19.6 |
| 6 20 | 18 20.60 | −27 16.4 | 1.089 | 2.101 | 3.4 | 19.2 |
| 6 30 | 18 10.44 | −28 2.9 | 1.075 | 2.087 | 3.7 | 19.2 |
| 7 10 | 18 0.75 | −28 40.4 | 1.084 | 2.074 | 8.9 | 19.5 |
| 7 20 | 17 53.11 | −29 7.7 | 1.115 | 2.061 | 14.0 | 19.7 |
| 7 30 | 17 48.71 | −29 26.0 | 1.165 | 2.050 | 18.5 | 19.9 |

**65971** 1998 $HY_{26}$ 6 24.9 36°.90 2°.5/24.7 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.13 | −28 34.2 | 1.951 | 2.808 | 13.2 | 19.6 |
| 5 31 | 18 36.15 | −29 8.0 | 1.883 | 2.814 | 10.0 | 19.4 |
| 6 10 | 18 28.95 | −29 39.7 | 1.838 | 2.820 | 6.4 | 19.2 |
| 6 20 | 18 20.22 | −30 6.0 | 1.818 | 2.826 | 3.1 | 19.0 |
| 6 30 | 18 10.95 | −30 24.4 | 1.825 | 2.833 | 3.3 | 19.0 |
| 7 10 | 18 2.26 | −30 33.9 | 1.858 | 2.839 | 6.6 | 19.2 |
| 7 20 | 17 55.09 | −30 35.3 | 1.917 | 2.846 | 10.1 | 19.4 |
| 7 30 | 17 50.18 | −30 30.6 | 1.998 | 2.854 | 13.1 | 19.6 |

**205016** 1997 $TU_{21}$ 6 24.9 213°.30 0°.6/24.9 16

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.75 | −21 28.0 | 2.151 | 3.003 | 12.3 | 21.1 |
| 5 31 | 18 35.59 | −21 27.1 | 2.071 | 3.000 | 9.3 | 20.9 |
| 6 10 | 18 28.49 | −21 27.9 | 2.014 | 2.998 | 5.8 | 20.7 |
| 6 20 | 18 20.05 | −21 29.4 | 1.983 | 2.995 | 2.1 | 20.4 |
| 6 30 | 18 11.12 | −21 31.1 | 1.980 | 2.993 | 2.1 | 20.4 |
| 7 10 | 18 2.63 | −21 32.4 | 2.004 | 2.990 | 5.8 | 20.7 |
| 7 20 | 17 55.42 | −21 33.8 | 2.055 | 2.987 | 9.4 | 20.9 |
| 7 30 | 17 50.16 | −21 35.6 | 2.128 | 2.984 | 12.5 | 21.1 |

**497573** 2006 $EC_{49}$ 6 24.9 188°.56 5°.2/25.6 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.09 | − 6 41.8 | 2.443 | 3.256 | 12.3 | 22.5 |
| 5 31 | 18 35.53 | − 6 24.7 | 2.362 | 3.255 | 9.9 | 22.4 |
| 6 10 | 18 28.31 | − 6 17.9 | 2.303 | 3.254 | 7.5 | 22.2 |
| 6 20 | 18 19.97 | − 6 22.7 | 2.270 | 3.252 | 5.6 | 22.1 |
| 6 30 | 18 11.20 | − 6 39.4 | 2.265 | 3.249 | 5.4 | 22.1 |
| 7 10 | 18 2.78 | − 7 7.3 | 2.288 | 3.245 | 7.2 | 22.2 |
| 7 20 | 17 55.40 | − 7 44.7 | 2.337 | 3.241 | 9.7 | 22.3 |
| 7 30 | 17 49.65 | − 8 29.4 | 2.409 | 3.236 | 12.1 | 22.5 |

**301019** 2008 $RX_{129}$ 6 24.9 264°.84 1°.1/24.9 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.33 | −24 51.5 | 1.449 | 2.315 | 16.5 | 22.6 |
| 5 31 | 18 41.09 | −25 9.8 | 1.358 | 2.295 | 12.6 | 22.3 |
| 6 10 | 18 32.63 | −25 29.3 | 1.288 | 2.275 | 8.0 | 22.0 |
| 6 20 | 18 21.64 | −25 46.7 | 1.241 | 2.254 | 2.9 | 21.6 |
| 6 30 | 18 9.40 | −25 58.7 | 1.220 | 2.233 | 3.1 | 21.6 |
| 7 10 | 17 57.56 | −26 3.8 | 1.223 | 2.211 | 8.5 | 21.8 |
| 7 20 | 17 47.65 | −26 2.8 | 1.250 | 2.188 | 13.6 | 22.1 |
| 7 30 | 17 40.87 | −25 58.0 | 1.297 | 2.166 | 18.1 | 22.3 |

**100098** 1993 $FZ_{19}$ 6 24.9 118°.26 3°.9/24.4 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.96 | −32 56.5 | 2.217 | 3.062 | 12.3 | 19.6 |
| 5 31 | 18 37.43 | −33 44.6 | 2.145 | 3.066 | 9.5 | 19.4 |
| 6 10 | 18 29.72 | −34 28.2 | 2.096 | 3.069 | 6.6 | 19.2 |
| 6 20 | 18 20.49 | −35 3.4 | 2.074 | 3.073 | 4.2 | 19.1 |
| 6 30 | 18 10.69 | −35 26.9 | 2.078 | 3.076 | 4.4 | 19.1 |
| 7 10 | 18 1.38 | −35 37.9 | 2.110 | 3.080 | 6.9 | 19.3 |
| 7 20 | 17 53.51 | −35 37.3 | 2.168 | 3.083 | 9.8 | 19.5 |
| 7 30 | 17 47.81 | −35 27.8 | 2.248 | 3.086 | 12.5 | 19.6 |

**443508** 2014 $JN_{43}$ 6 24.9 124°.33 1°.6/25.2 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.16 | −16 56.5 | 2.481 | 3.324 | 11.2 | 21.3 |
| 5 31 | 18 34.09 | −17 9.0 | 2.408 | 3.331 | 8.5 | 21.1 |
| 6 10 | 18 27.42 | −17 26.5 | 2.358 | 3.338 | 5.5 | 20.9 |
| 6 20 | 18 19.67 | −17 48.0 | 2.335 | 3.344 | 2.4 | 20.7 |
| 6 30 | 18 11.55 | −18 12.6 | 2.341 | 3.351 | 2.3 | 20.7 |
| 7 10 | 18 3.81 | −18 39.1 | 2.374 | 3.357 | 5.3 | 20.9 |
| 7 20 | 17 57.14 | −19 6.7 | 2.435 | 3.364 | 8.3 | 21.1 |
| 7 30 | 17 52.09 | −19 34.5 | 2.520 | 3.370 | 10.9 | 21.3 |

**390399** 2013 $XA_{23}$ 6 24.9 5.°87 3.°0/24.3 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 39.57 | −25 44.5 | 1.371 | 2.251 | 16.4 | 19.0 |
| 5 31 | 18 35.87 | −26 57.6 | 1.308 | 2.251 | 12.4 | 18.8 |
| 6 10 | 18 29.23 | −28 14.1 | 1.265 | 2.253 | 7.9 | 18.5 |
| 6 20 | 18 20.43 | −29 27.9 | 1.245 | 2.255 | 3.7 | 18.3 |
| 6 30 | 18 10.76 | −30 32.8 | 1.250 | 2.259 | 4.2 | 18.3 |
| 7 10 | 18 1.73 | −31 24.8 | 1.279 | 2.264 | 8.5 | 18.6 |
| 7 20 | 17 54.69 | −32 2.8 | 1.331 | 2.270 | 12.8 | 18.9 |
| 7 30 | 17 50.62 | −32 28.5 | 1.403 | 2.276 | 16.6 | 19.1 |

**46424** 2002 $JZ_{35}$ 6 24.9 218.°39 4.°0/24.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.13 | −30 53.2 | 1.975 | 2.824 | 13.4 | 19.1 |
| 5 31 | 18 39.44 | −32 3.9 | 1.897 | 2.821 | 10.3 | 18.9 |
| 6 10 | 18 31.20 | −33 13.0 | 1.842 | 2.818 | 7.0 | 18.7 |
| 6 20 | 18 21.07 | −34 15.0 | 1.813 | 2.814 | 4.4 | 18.5 |
| 6 30 | 18 10.09 | −35 5.0 | 1.811 | 2.810 | 4.7 | 18.5 |
| 7 10 | 17 59.53 | −35 40.5 | 1.837 | 2.807 | 7.7 | 18.7 |
| 7 20 | 17 50.52 | −36 1.7 | 1.887 | 2.803 | 11.0 | 18.9 |
| 7 30 | 17 43.99 | −36 11.0 | 1.960 | 2.798 | 14.0 | 19.1 |

**508888** 2003 $SR_{324}$ 6 24.9 243.°07 4.°4/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.59 | −35 12.8 | 2.201 | 3.039 | 12.6 | 22.4 |
| 5 31 | 18 39.59 | −35 45.2 | 2.111 | 3.026 | 9.9 | 22.2 |
| 6 10 | 18 31.19 | −36 11.0 | 2.044 | 3.012 | 7.0 | 22.0 |
| 6 20 | 18 21.04 | −36 26.2 | 2.002 | 2.998 | 4.8 | 21.8 |
| 6 30 | 18 10.16 | −36 27.7 | 1.988 | 2.983 | 4.9 | 21.8 |
| 7 10 | 17 59.72 | −36 15.1 | 2.001 | 2.968 | 7.4 | 21.9 |
| 7 20 | 17 50.79 | −35 50.1 | 2.040 | 2.953 | 10.4 | 22.1 |
| 7 30 | 17 44.21 | −35 16.3 | 2.101 | 2.937 | 13.3 | 22.2 |

**13826** 1999 $WM$ 6 24.9 230.°05 1.°6/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.12 | −18 26.1 | 1.924 | 2.772 | 13.7 | 19.1 |
| 5 31 | 18 38.45 | −18 29.8 | 1.834 | 2.760 | 10.5 | 18.9 |
| 6 10 | 18 30.47 | −18 38.4 | 1.766 | 2.748 | 6.7 | 18.6 |
| 6 20 | 18 20.81 | −18 51.0 | 1.725 | 2.735 | 2.8 | 18.4 |
| 6 30 | 18 10.39 | −19 6.3 | 1.710 | 2.722 | 2.7 | 18.3 |
| 7 10 | 18 0.35 | −19 23.5 | 1.724 | 2.708 | 6.8 | 18.6 |
| 7 20 | 17 51.70 | −19 41.9 | 1.762 | 2.693 | 10.8 | 18.8 |
| 7 30 | 17 45.28 | −20 1.4 | 1.824 | 2.678 | 14.3 | 19.0 |

**74781** 1999 $RY_{245}$ 6 24.9 271.°40 1.°0/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.07 | −24 12.6 | 1.667 | 2.527 | 15.0 | 19.7 |
| 5 31 | 18 39.82 | −24 37.8 | 1.569 | 2.503 | 11.5 | 19.4 |
| 6 10 | 18 31.70 | −25 5.4 | 1.492 | 2.478 | 7.3 | 19.1 |
| 6 20 | 18 21.33 | −25 32.3 | 1.440 | 2.453 | 2.6 | 18.7 |
| 6 30 | 18 9.80 | −25 55.4 | 1.414 | 2.427 | 2.8 | 18.7 |
| 7 10 | 17 58.53 | −26 12.6 | 1.415 | 2.401 | 7.7 | 18.9 |
| 7 20 | 17 48.86 | −26 23.8 | 1.440 | 2.374 | 12.4 | 19.1 |
| 7 30 | 17 41.92 | −26 30.5 | 1.486 | 2.347 | 16.5 | 19.3 |

**482189** 2010 $UL_{75}$ 6 24.9 283.°98 1.°9/25.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.10 | −16 47.1 | 2.357 | 3.202 | 11.7 | 21.1 |
| 5 31 | 18 34.38 | −16 53.5 | 2.254 | 3.178 | 8.9 | 20.9 |
| 6 10 | 18 27.82 | −17 5.3 | 2.174 | 3.154 | 5.8 | 20.6 |
| 6 20 | 18 19.90 | −17 22.2 | 2.120 | 3.129 | 2.7 | 20.4 |
| 6 30 | 18 11.33 | −17 43.3 | 2.095 | 3.105 | 2.6 | 20.3 |
| 7 10 | 18 2.97 | −18 7.6 | 2.097 | 3.080 | 5.9 | 20.5 |
| 7 20 | 17 55.60 | −18 34.2 | 2.125 | 3.055 | 9.2 | 20.7 |
| 7 30 | 17 49.93 | −19 2.4 | 2.177 | 3.029 | 12.3 | 20.8 |

**443602** 2014 $KE_{98}$ 6 24.9 338.°17 1.°5/24.7 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.09 | −26 2.6 | 2.290 | 3.142 | 11.7 | 20.8 |
| 5 31 | 18 35.12 | −26 36.7 | 2.212 | 3.141 | 8.8 | 20.6 |
| 6 10 | 18 28.24 | −27 11.0 | 2.157 | 3.141 | 5.6 | 20.4 |
| 6 20 | 18 20.01 | −27 42.8 | 2.129 | 3.140 | 2.3 | 20.2 |
| 6 30 | 18 11.26 | −28 9.8 | 2.129 | 3.139 | 2.4 | 20.2 |
| 7 10 | 18 2.91 | −28 30.8 | 2.156 | 3.139 | 5.7 | 20.4 |
| 7 20 | 17 55.77 | −28 45.7 | 2.209 | 3.138 | 9.0 | 20.6 |
| 7 30 | 17 50.53 | −28 55.4 | 2.286 | 3.137 | 11.9 | 20.8 |

**108532** 2001 $LJ_4$ 6 24.9 348.°89 1.°4/24.6 18 R

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.16 | −19 51.8 | 1.027 | 1.925 | 19.1 | 17.3 |
| 5 31 | 18 34.11 | −21 20.0 | 0.958 | 1.913 | 14.5 | 16.9 |
| 6 10 | 18 28.62 | −23 4.6 | 0.908 | 1.902 | 9.1 | 16.6 |
| 6 20 | 18 20.39 | −24 59.1 | 0.879 | 1.893 | 3.2 | 16.2 |
| 6 30 | 18 10.81 | −26 53.9 | 0.872 | 1.886 | 3.7 | 16.2 |
| 7 10 | 18 1.77 | −28 39.5 | 0.888 | 1.880 | 9.8 | 16.6 |
| 7 20 | 17 55.01 | −30 9.7 | 0.924 | 1.877 | 15.3 | 16.8 |
| 7 30 | 17 51.88 | −31 22.6 | 0.977 | 1.875 | 20.1 | 17.1 |

**423011** 2003 $SD_{345}$ 6 24.9 291.°24 1.°6/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.70 | −18 53.5 | 1.431 | 2.299 | 16.5 | 21.4 |
| 5 31 | 18 38.36 | −19 1.8 | 1.335 | 2.272 | 12.7 | 21.1 |
| 6 10 | 18 30.97 | −19 17.2 | 1.259 | 2.245 | 8.2 | 20.7 |
| 6 20 | 18 21.15 | −19 38.7 | 1.205 | 2.217 | 3.3 | 20.4 |
| 6 30 | 18 10.02 | −20 4.5 | 1.177 | 2.189 | 3.2 | 20.3 |
| 7 10 | 17 59.11 | −20 32.6 | 1.173 | 2.161 | 8.5 | 20.5 |
| 7 20 | 17 49.89 | −21 1.8 | 1.192 | 2.134 | 13.7 | 20.7 |
| 7 30 | 17 43.59 | −21 31.5 | 1.231 | 2.106 | 18.4 | 20.9 |

**316809** 1999 $VQ_{106}$ 6 24.9 231.°39 2.°0/25.0 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 38.63 | −17 10.7 | 2.757 | 3.596 | 10.3 | 21.6 |
| 5 31 | 18 33.63 | −16 53.2 | 2.666 | 3.586 | 7.9 | 21.5 |
| 6 10 | 18 27.13 | −16 38.5 | 2.599 | 3.577 | 5.2 | 21.3 |
| 6 20 | 18 19.62 | −16 27.1 | 2.560 | 3.567 | 2.6 | 21.1 |
| 6 30 | 18 11.72 | −16 18.9 | 2.549 | 3.557 | 2.6 | 21.1 |
| 7 10 | 18 4.11 | −16 14.3 | 2.567 | 3.546 | 5.2 | 21.2 |
| 7 20 | 17 57.42 | −16 13.2 | 2.612 | 3.535 | 8.0 | 21.4 |
| 7 30 | 17 52.19 | −16 15.6 | 2.681 | 3.524 | 10.5 | 21.5 |

**500085** 2011 $YK_{37}$ 6 24.9 254.°88 1.°3/25.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.29 | −19 43.2 | 1.634 | 2.491 | 15.3 | 22.4 |
| 5 31 | 18 39.86 | −19 47.9 | 1.541 | 2.472 | 11.8 | 22.1 |
| 6 10 | 18 31.65 | −19 57.4 | 1.469 | 2.453 | 7.5 | 21.8 |
| 6 20 | 18 21.31 | −20 10.4 | 1.421 | 2.433 | 2.9 | 21.5 |
| 6 30 | 18 9.93 | −20 25.3 | 1.400 | 2.412 | 2.8 | 21.4 |
| 7 10 | 17 58.89 | −20 41.0 | 1.405 | 2.391 | 7.7 | 21.7 |
| 7 20 | 17 49.46 | −20 56.9 | 1.434 | 2.369 | 12.4 | 21.9 |
| 7 30 | 17 42.70 | −21 13.4 | 1.485 | 2.347 | 16.5 | 22.1 |

**152664** 1998 $FW_4$ 6 24.9 236.°38 1.°1/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.59 | −27 15.8 | 3.284 | 4.107 | 9.2 | 26.0 |
| 5 31 | 18 39.52 | −27 30.2 | 3.169 | 4.083 | 7.0 | 25.8 |
| 6 10 | 18 30.81 | −27 42.7 | 3.081 | 4.058 | 4.5 | 25.6 |
| 6 20 | 18 20.89 | −27 51.5 | 3.022 | 4.032 | 1.8 | 25.4 |
| 6 30 | 18 10.42 | −27 55.4 | 2.994 | 4.004 | 1.9 | 25.3 |
| 7 10 | 18 0.12 | −27 53.8 | 2.998 | 3.976 | 4.6 | 25.5 |
| 7 20 | 17 50.70 | −27 47.2 | 3.031 | 3.946 | 7.4 | 25.6 |
| 7 30 | 17 42.74 | −27 37.0 | 3.091 | 3.914 | 9.8 | 25.8 |

**212748** 2007 $TB_2$ 6 24.9 319.°93 3.°7/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 38.98 | −28 33.5 | 1.061 | 1.955 | 18.9 | 20.0 |
| 5 31 | 18 36.66 | −29 5.7 | 0.973 | 1.925 | 14.7 | 19.7 |
| 6 10 | 18 30.51 | −29 37.2 | 0.904 | 1.895 | 9.8 | 19.3 |
| 6 20 | 18 21.15 | −30 2.6 | 0.855 | 1.865 | 4.8 | 18.9 |
| 6 30 | 18 10.01 | −30 16.0 | 0.826 | 1.837 | 5.1 | 18.8 |
| 7 10 | 17 59.22 | −30 14.5 | 0.819 | 1.810 | 10.7 | 19.0 |
| 7 20 | 17 50.80 | −29 59.5 | 0.830 | 1.784 | 16.6 | 19.2 |
| 7 30 | 17 46.37 | −29 35.3 | 0.859 | 1.759 | 22.0 | 19.5 |

**501793** 2014 $VV_{30}$ 6 24.9 245.°47 1.°3/25.0 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.18 | −20 15.4 | 1.682 | 2.538 | 15.0 | 22.5 |
| 5 31 | 18 39.63 | −20 11.5 | 1.592 | 2.523 | 11.5 | 22.2 |
| 6 10 | 18 31.41 | −20 10.8 | 1.524 | 2.508 | 7.3 | 21.9 |
| 6 20 | 18 21.21 | −20 12.4 | 1.480 | 2.492 | 2.8 | 21.6 |
| 6 30 | 18 10.10 | −20 15.2 | 1.463 | 2.475 | 2.8 | 21.6 |
| 7 10 | 17 59.41 | −20 18.8 | 1.472 | 2.458 | 7.5 | 21.8 |
| 7 20 | 17 50.33 | −20 23.4 | 1.506 | 2.440 | 12.0 | 22.0 |
| 7 30 | 17 43.83 | −20 29.6 | 1.561 | 2.422 | 15.9 | 22.3 |

**463094** 2011 $UX_{16}$ 6 24.9 160.°92 3.°7/24.6 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 48.72 | −30 15.8 | 1.615 | 2.470 | 15.6 | 21.8 |
| 5 31 | 18 42.42 | −31 1.3 | 1.546 | 2.475 | 12.0 | 21.5 |
| 6 10 | 18 33.16 | −31 43.4 | 1.499 | 2.479 | 7.9 | 21.3 |
| 6 20 | 18 21.78 | −32 16.6 | 1.477 | 2.483 | 4.3 | 21.1 |
| 6 30 | 18 9.61 | −32 36.8 | 1.481 | 2.486 | 4.5 | 21.1 |
| 7 10 | 17 58.20 | −32 42.8 | 1.511 | 2.489 | 8.2 | 21.3 |
| 7 20 | 17 48.84 | −32 36.4 | 1.565 | 2.491 | 12.2 | 21.6 |
| 7 30 | 17 42.46 | −32 21.5 | 1.640 | 2.493 | 15.7 | 21.8 |

**398605** 2011 $WQ_{117}$ 6 24.9 79.°59 3.°0/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.82 | −17 19.4 | 2.287 | 3.127 | 12.1 | 19.7 |
| 5 31 | 18 36.71 | −16 15.1 | 2.226 | 3.146 | 9.2 | 19.5 |
| 6 10 | 18 28.96 | −15 12.9 | 2.188 | 3.164 | 6.1 | 19.4 |
| 6 20 | 18 20.21 | −14 14.8 | 2.178 | 3.182 | 3.5 | 19.2 |
| 6 30 | 18 11.27 | −13 22.6 | 2.197 | 3.200 | 3.6 | 19.3 |
| 7 10 | 18 2.95 | −12 38.2 | 2.245 | 3.218 | 6.3 | 19.5 |
| 7 20 | 17 55.93 | −12 2.6 | 2.319 | 3.236 | 9.2 | 19.7 |
| 7 30 | 17 50.72 | −11 36.0 | 2.417 | 3.254 | 11.8 | 19.9 |

**349340** 2007 $VU_{80}$ 6 24.9 228.°08 1.°7/25.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.78 | −18 50.7 | 2.111 | 2.961 | 12.6 | 21.8 |
| 5 31 | 18 35.66 | −18 39.0 | 2.029 | 2.957 | 9.6 | 21.6 |
| 6 10 | 18 28.59 | −18 30.4 | 1.970 | 2.952 | 6.1 | 21.4 |
| 6 20 | 18 20.17 | −18 24.7 | 1.937 | 2.947 | 2.7 | 21.2 |
| 6 30 | 18 11.24 | −18 21.8 | 1.931 | 2.942 | 2.6 | 21.2 |
| 7 10 | 18 2.75 | −18 21.6 | 1.953 | 2.937 | 6.1 | 21.4 |
| 7 20 | 17 55.52 | −18 24.1 | 2.001 | 2.932 | 9.7 | 21.6 |
| 7 30 | 17 50.22 | −18 29.4 | 2.072 | 2.926 | 12.8 | 21.8 |

**169493** 2002 $CU_{197}$ 6 24.9 4.°36 1.°5/25.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.04 | −19 45.8 | 0.974 | 1.874 | 19.7 | 19.3 |
| 5 31 | 18 34.57 | −19 53.5 | 0.918 | 1.872 | 15.0 | 19.0 |
| 6 10 | 18 28.68 | −20 9.0 | 0.880 | 1.872 | 9.5 | 18.7 |
| 6 20 | 18 20.33 | −20 30.8 | 0.861 | 1.874 | 3.5 | 18.4 |
| 6 30 | 18 11.08 | −20 56.4 | 0.863 | 1.877 | 3.4 | 18.4 |
| 7 10 | 18 2.76 | −21 23.4 | 0.887 | 1.882 | 9.3 | 18.7 |
| 7 20 | 17 56.86 | −21 50.2 | 0.930 | 1.888 | 14.8 | 19.0 |
| 7 30 | 17 54.41 | −22 16.1 | 0.991 | 1.895 | 19.4 | 19.4 |

**348368** 2005 $EO_{264}$ 6 24.9 33°.87 1°.5/25.0 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 41.84 | −20 53.4 | 1.153 | 2.037 | 18.5 | 20.5 |
| 5 31 | 18 37.53 | −20 38.5 | 1.102 | 2.048 | 14.0 | 20.3 |
| 6 10 | 18 30.15 | −20 27.3 | 1.071 | 2.060 | 8.7 | 20.0 |
| 6 20 | 18 20.73 | −20 19.2 | 1.061 | 2.073 | 3.3 | 19.7 |
| 6 30 | 18 10.75 | −20 13.7 | 1.074 | 2.087 | 3.2 | 19.8 |
| 7 10 | 18 1.83 | −20 10.7 | 1.110 | 2.101 | 8.5 | 20.1 |
| 7 20 | 17 55.19 | −20 10.7 | 1.168 | 2.116 | 13.4 | 20.4 |
| 7 30 | 17 51.68 | −20 13.9 | 1.246 | 2.132 | 17.5 | 20.7 |

**474308** 2001 $YX_{156}$ 6 24.9 141°.78 1°.1/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.91 | −27 41.3 | 2.683 | 3.524 | 10.5 | 21.8 |
| 5 31 | 18 36.06 | −27 36.4 | 2.609 | 3.533 | 7.9 | 21.7 |
| 6 10 | 18 28.61 | −27 28.6 | 2.561 | 3.542 | 5.0 | 21.5 |
| 6 20 | 18 20.12 | −27 16.8 | 2.539 | 3.550 | 2.0 | 21.3 |
| 6 30 | 18 11.34 | −27 0.4 | 2.546 | 3.558 | 2.0 | 21.3 |
| 7 10 | 18 3.04 | −26 40.1 | 2.583 | 3.565 | 4.9 | 21.5 |
| 7 20 | 17 55.90 | −26 16.9 | 2.646 | 3.572 | 7.8 | 21.7 |
| 7 30 | 17 50.44 | −25 52.6 | 2.735 | 3.579 | 10.3 | 21.9 |

**432847** 2011 $HQ_{52}$ 6 24.9 334°.91 1°.8/25.4 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.60 | −15 44.5 | 1.466 | 2.333 | 16.2 | 20.4 |
| 5 31 | 18 35.71 | −16 30.3 | 1.386 | 2.322 | 12.4 | 20.2 |
| 6 10 | 18 29.12 | −17 29.4 | 1.327 | 2.312 | 8.0 | 19.9 |
| 6 20 | 18 20.48 | −18 39.4 | 1.291 | 2.302 | 3.4 | 19.6 |
| 6 30 | 18 10.88 | −19 56.3 | 1.281 | 2.293 | 3.0 | 19.5 |
| 7 10 | 18 1.69 | −21 15.1 | 1.295 | 2.285 | 7.8 | 19.8 |
| 7 20 | 17 54.15 | −22 31.5 | 1.334 | 2.278 | 12.4 | 20.1 |
| 7 30 | 17 49.27 | −23 42.9 | 1.394 | 2.271 | 16.5 | 20.3 |

**376943** 2002 $CD_{314}$ 6 24.9 147°.28 2°.7/24.8 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.52 | −31 7.9 | 2.383 | 3.220 | 11.8 | 22.6 |
| 5 31 | 18 39.80 | −31 33.5 | 2.314 | 3.232 | 9.0 | 22.5 |
| 6 10 | 18 31.05 | −31 54.6 | 2.268 | 3.244 | 5.9 | 22.3 |
| 6 20 | 18 20.98 | −32 8.3 | 2.250 | 3.255 | 3.2 | 22.1 |
| 6 30 | 18 10.49 | −32 12.6 | 2.260 | 3.265 | 3.3 | 22.2 |
| 7 10 | 18 0.57 | −32 7.4 | 2.299 | 3.274 | 6.0 | 22.4 |
| 7 20 | 17 52.09 | −31 54.2 | 2.365 | 3.283 | 9.0 | 22.6 |
| 7 30 | 17 45.68 | −31 35.5 | 2.454 | 3.290 | 11.6 | 22.7 |

**181662** 2007 $YW_{55}$ 6 24.9 87°.18 2°.9/25.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.29 | −13 0.1 | 2.300 | 3.136 | 12.2 | 20.6 |
| 5 31 | 18 34.95 | −13 12.1 | 2.239 | 3.155 | 9.4 | 20.5 |
| 6 10 | 18 27.97 | −13 32.0 | 2.201 | 3.174 | 6.3 | 20.3 |
| 6 20 | 18 19.93 | −13 59.0 | 2.190 | 3.193 | 3.5 | 20.2 |
| 6 30 | 18 11.57 | −14 32.1 | 2.207 | 3.212 | 3.3 | 20.2 |
| 7 10 | 18 3.70 | −15 9.7 | 2.252 | 3.231 | 5.8 | 20.4 |
| 7 20 | 17 57.00 | −15 50.0 | 2.323 | 3.249 | 8.8 | 20.6 |
| 7 30 | 17 52.02 | −16 31.7 | 2.419 | 3.267 | 11.4 | 20.8 |

**478205** 2011 $UM_{268}$ 6 24.9 264°.16 3°.8/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.54 | −33 58.5 | 2.345 | 3.185 | 11.9 | 21.7 |
| 5 31 | 18 37.96 | −34 28.9 | 2.249 | 3.167 | 9.3 | 21.5 |
| 6 10 | 18 30.17 | −34 54.0 | 2.177 | 3.148 | 6.5 | 21.3 |
| 6 20 | 18 20.76 | −35 10.2 | 2.131 | 3.130 | 4.2 | 21.1 |
| 6 30 | 18 10.65 | −35 14.9 | 2.113 | 3.111 | 4.3 | 21.1 |
| 7 10 | 18 0.89 | −35 7.4 | 2.121 | 3.091 | 6.8 | 21.2 |
| 7 20 | 17 52.45 | −34 49.1 | 2.156 | 3.072 | 9.8 | 21.3 |
| 7 30 | 17 46.12 | −34 22.7 | 2.214 | 3.052 | 12.6 | 21.5 |

**235254** 2003 $SH_{322}$ 6 24.9 224°.91 4°.1/25.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.36 | −12 1.2 | 2.091 | 2.930 | 13.1 | 20.6 |
| 5 31 | 18 35.33 | −11 42.6 | 2.009 | 2.925 | 10.3 | 20.4 |
| 6 10 | 18 28.40 | −11 32.0 | 1.949 | 2.919 | 7.2 | 20.2 |
| 6 20 | 18 20.13 | −11 30.4 | 1.915 | 2.913 | 4.6 | 20.0 |
| 6 30 | 18 11.34 | −11 38.1 | 1.908 | 2.907 | 4.5 | 20.0 |
| 7 10 | 18 2.93 | −11 54.6 | 1.927 | 2.901 | 7.1 | 20.2 |
| 7 20 | 17 55.74 | −12 18.8 | 1.972 | 2.894 | 10.2 | 20.3 |
| 7 30 | 17 50.43 | −12 49.1 | 2.040 | 2.887 | 13.2 | 20.5 |

**361000** 2005 $UN_{468}$ 6 24.9 176°.80 4°.8/24.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.12 | −39 58.6 | 3.077 | 3.892 | 10.0 | 21.4 |
| 5 31 | 18 37.92 | −40 46.0 | 3.000 | 3.894 | 8.0 | 21.3 |
| 6 10 | 18 29.90 | −41 26.0 | 2.948 | 3.895 | 6.2 | 21.2 |
| 6 20 | 18 20.62 | −41 55.3 | 2.922 | 3.896 | 4.9 | 21.1 |
| 6 30 | 18 10.85 | −42 11.5 | 2.925 | 3.897 | 5.1 | 21.1 |
| 7 10 | 18 1.45 | −42 14.1 | 2.955 | 3.897 | 6.5 | 21.2 |
| 7 20 | 17 53.20 | −42 4.2 | 3.011 | 3.896 | 8.4 | 21.3 |
| 7 30 | 17 46.74 | −41 44.4 | 3.091 | 3.896 | 10.2 | 21.5 |

**358433** 2007 $DC_{29}$ 6 24.9 352°.41 3°.4/25.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 37.65 | −12 47.0 | 2.251 | 3.093 | 12.2 | 21.0 |
| 5 31 | 18 33.17 | −12 39.4 | 2.174 | 3.092 | 9.5 | 20.9 |
| 6 10 | 18 26.99 | −12 39.4 | 2.119 | 3.091 | 6.5 | 20.7 |
| 6 20 | 18 19.65 | −12 47.4 | 2.090 | 3.091 | 4.0 | 20.5 |
| 6 30 | 18 11.88 | −13 3.2 | 2.088 | 3.090 | 3.8 | 20.5 |
| 7 10 | 18 4.48 | −13 25.8 | 2.113 | 3.090 | 6.3 | 20.7 |
| 7 20 | 17 58.19 | −13 54.2 | 2.163 | 3.089 | 9.3 | 20.8 |
| 7 30 | 17 53.59 | −14 26.8 | 2.237 | 3.089 | 12.1 | 21.0 |

**410721** 2009 $BR_{79}$ 6 24.9 55°.39 4°.6/24.9 17

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 47.08 | −32 18.0 | 1.251 | 2.123 | 18.2 | 20.3 |
| 5 31 | 18 41.70 | −32 45.0 | 1.196 | 2.133 | 14.0 | 20.0 |
| 6 10 | 18 32.88 | −33 4.0 | 1.161 | 2.143 | 9.4 | 19.8 |
| 6 20 | 18 21.71 | −33 9.8 | 1.147 | 2.153 | 5.3 | 19.6 |
| 6 30 | 18 9.87 | −32 59.0 | 1.158 | 2.163 | 5.3 | 19.6 |
| 7 10 | 17 59.20 | −32 32.5 | 1.192 | 2.174 | 9.3 | 19.9 |
| 7 20 | 17 51.12 | −31 54.8 | 1.248 | 2.185 | 13.6 | 20.2 |
| 7 30 | 17 46.52 | −31 11.6 | 1.323 | 2.196 | 17.5 | 20.4 |

**102498** 1999 $TQ_{280}$ 6 24.9 287°.96 1°.3/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.56 | −19 54.0 | 1.473 | 2.340 | 16.1 | 20.1 |
| 5 31 | 18 38.08 | −19 57.1 | 1.383 | 2.320 | 12.4 | 19.8 |
| 6 10 | 18 30.70 | −20 5.3 | 1.313 | 2.299 | 7.9 | 19.5 |
| 6 20 | 18 21.07 | −20 17.4 | 1.266 | 2.279 | 3.0 | 19.1 |
| 6 30 | 18 10.35 | −20 32.1 | 1.245 | 2.258 | 3.0 | 19.0 |
| 7 10 | 18 0.00 | −20 48.1 | 1.249 | 2.237 | 8.1 | 19.3 |
| 7 20 | 17 51.36 | −21 4.7 | 1.275 | 2.216 | 13.1 | 19.5 |
| 7 30 | 17 45.56 | −21 22.2 | 1.322 | 2.196 | 17.4 | 19.7 |

**344999** 2005 $AZ_{73}$ 6 24.9 280°.42 2°.4/24.9 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.21 | −29 27.4 | 1.863 | 2.719 | 13.8 | 21.2 |
| 5 31 | 18 37.92 | −29 37.5 | 1.783 | 2.714 | 10.5 | 21.0 |
| 6 10 | 18 30.21 | −29 43.5 | 1.726 | 2.708 | 6.8 | 20.8 |
| 6 20 | 18 20.79 | −29 42.6 | 1.694 | 2.703 | 3.2 | 20.5 |
| 6 30 | 18 10.73 | −29 33.1 | 1.688 | 2.698 | 3.2 | 20.5 |
| 7 10 | 18 1.26 | −29 15.2 | 1.709 | 2.692 | 6.9 | 20.7 |
| 7 20 | 17 53.42 | −28 50.7 | 1.755 | 2.687 | 10.7 | 20.9 |
| 7 30 | 17 48.01 | −28 22.6 | 1.823 | 2.682 | 14.1 | 21.1 |

**388582** 2007 $RY_{91}$ 6 24.9 205°.03 2°.8/24.8 16

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.68 | −30 59.7 | 2.244 | 3.089 | 12.2 | 22.5 |
| 5 31 | 18 37.94 | −31 23.2 | 2.162 | 3.086 | 9.3 | 22.3 |
| 6 10 | 18 30.07 | −31 42.5 | 2.105 | 3.082 | 6.2 | 22.1 |
| 6 20 | 18 20.72 | −31 54.7 | 2.073 | 3.078 | 3.4 | 22.0 |
| 6 30 | 18 10.81 | −31 57.8 | 2.069 | 3.074 | 3.4 | 22.0 |
| 7 10 | 18 1.37 | −31 51.3 | 2.093 | 3.070 | 6.3 | 22.1 |
| 7 20 | 17 53.33 | −31 36.7 | 2.143 | 3.065 | 9.5 | 22.3 |
| 7 30 | 17 47.41 | −31 16.3 | 2.216 | 3.061 | 12.4 | 22.5 |

**330531** 2007 $VD_{273}$ 6 24.9 276°.64 2°.1/25.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.65 | −19 1.4 | 1.496 | 2.360 | 16.1 | 21.6 |
| 5 31 | 18 38.84 | −18 50.3 | 1.404 | 2.339 | 12.4 | 21.3 |
| 6 10 | 18 31.15 | −18 43.6 | 1.333 | 2.318 | 8.0 | 21.0 |
| 6 20 | 18 21.22 | −18 41.1 | 1.285 | 2.296 | 3.4 | 20.7 |
| 6 30 | 18 10.22 | −18 42.2 | 1.263 | 2.274 | 3.4 | 20.6 |
| 7 10 | 17 59.58 | −18 46.7 | 1.265 | 2.252 | 8.3 | 20.8 |
| 7 20 | 17 50.66 | −18 54.5 | 1.292 | 2.230 | 13.2 | 21.1 |
| 7 30 | 17 44.53 | −19 5.8 | 1.338 | 2.208 | 17.5 | 21.3 |

**40208** 1998 $SK_{53}$ 6 24.9 4°.27 7°.9/25.3 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 36.72 | − 2 45.0 | 2.039 | 2.857 | 14.2 | 18.3 |
| 5 31 | 18 32.56 | − 1 49.5 | 1.970 | 2.857 | 11.9 | 18.2 |
| 6 10 | 18 26.64 | − 1 7.7 | 1.922 | 2.858 | 9.7 | 18.0 |
| 6 20 | 18 19.54 | − 0 42.6 | 1.897 | 2.858 | 8.1 | 17.9 |
| 6 30 | 18 12.02 | − 0 36.3 | 1.897 | 2.859 | 8.1 | 17.9 |
| 7 10 | 18 4.93 | − 0 48.8 | 1.922 | 2.861 | 9.5 | 18.0 |
| 7 20 | 17 59.01 | − 1 18.2 | 1.970 | 2.863 | 11.7 | 18.2 |
| 7 30 | 17 54.85 | − 2 1.3 | 2.039 | 2.865 | 14.0 | 18.3 |

**189241** 2004 $RU_{57}$ 6 24.9 138°.13 1°.1/25.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 39.36 | −20 8.2 | 2.568 | 3.413 | 10.8 | 20.9 |
| 5 31 | 18 34.23 | −19 57.0 | 2.493 | 3.418 | 8.1 | 20.7 |
| 6 10 | 18 27.53 | −19 47.5 | 2.442 | 3.424 | 5.1 | 20.5 |
| 6 20 | 18 19.82 | −19 39.5 | 2.418 | 3.429 | 2.0 | 20.3 |
| 6 30 | 18 11.77 | −19 32.9 | 2.422 | 3.433 | 2.0 | 20.3 |
| 7 10 | 18 4.14 | −19 27.6 | 2.455 | 3.438 | 5.1 | 20.6 |
| 7 20 | 17 57.57 | −19 23.9 | 2.514 | 3.443 | 8.0 | 20.8 |
| 7 30 | 17 52.59 | −19 22.1 | 2.598 | 3.447 | 10.7 | 20.9 |

**187665** 2008 $AY_{49}$ 6 24.9 34°.31 1°.8/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.31 | −27 57.6 | 1.865 | 2.725 | 13.6 | 20.1 |
| 5 31 | 18 36.33 | −28 5.6 | 1.798 | 2.732 | 10.3 | 19.9 |
| 6 10 | 18 29.11 | −28 10.6 | 1.754 | 2.738 | 6.5 | 19.7 |
| 6 20 | 18 20.39 | −28 10.4 | 1.735 | 2.746 | 2.7 | 19.5 |
| 6 30 | 18 11.21 | −28 3.8 | 1.742 | 2.753 | 2.8 | 19.5 |
| 7 10 | 18 2.68 | −27 50.9 | 1.776 | 2.761 | 6.5 | 19.7 |
| 7 20 | 17 55.75 | −27 33.2 | 1.835 | 2.770 | 10.1 | 20.0 |
| 7 30 | 17 51.10 | −27 13.1 | 1.916 | 2.778 | 13.3 | 20.2 |

**230945** 2004 $XQ_{36}$ 6 24.9 88°.90 0°.3/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.65 | −24 19.7 | 1.825 | 2.684 | 13.9 | 20.5 |
| 5 31 | 18 37.34 | −24 19.4 | 1.755 | 2.688 | 10.5 | 20.3 |
| 6 10 | 18 29.75 | −24 18.8 | 1.707 | 2.692 | 6.5 | 20.1 |
| 6 20 | 18 20.62 | −24 16.2 | 1.683 | 2.696 | 2.2 | 19.8 |
| 6 30 | 18 10.97 | −24 10.8 | 1.687 | 2.700 | 2.2 | 19.8 |
| 7 10 | 18 1.95 | −24 2.5 | 1.718 | 2.705 | 6.5 | 20.1 |
| 7 20 | 17 54.53 | −23 52.4 | 1.773 | 2.709 | 10.4 | 20.4 |
| 7 30 | 17 49.42 | −23 42.0 | 1.851 | 2.713 | 13.8 | 20.6 |

**342613** 2008 $UO_{331}$ 6 24.9 230°.05 7°.0/23.8 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 49.01 | −42 16.2 | 2.293 | 3.109 | 12.9 | 21.4 |
| 5 31 | 18 42.46 | −43 20.2 | 2.208 | 3.098 | 10.7 | 21.2 |
| 6 10 | 18 33.18 | −44 14.7 | 2.146 | 3.086 | 8.5 | 21.1 |
| 6 20 | 18 21.87 | −44 53.6 | 2.109 | 3.074 | 7.2 | 21.0 |
| 6 30 | 18 9.65 | −45 12.5 | 2.099 | 3.062 | 7.4 | 21.0 |
| 7 10 | 17 57.87 | −45 10.0 | 2.114 | 3.049 | 9.0 | 21.1 |
| 7 20 | 17 47.77 | −44 48.3 | 2.154 | 3.035 | 11.4 | 21.2 |
| 7 30 | 17 40.30 | −44 12.1 | 2.216 | 3.021 | 13.7 | 21.3 |

**434076** 2001 $XU_{252}$ 6 24.9 157°.95 0°.6/25.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.40 | −19 18.1 | 2.241 | 3.082 | 12.3 | 21.7 |
| 5 31 | 18 38.28 | −19 52.3 | 2.166 | 3.089 | 9.3 | 21.5 |
| 6 10 | 18 30.20 | −20 31.2 | 2.115 | 3.096 | 5.8 | 21.3 |
| 6 20 | 18 20.77 | −21 12.7 | 2.090 | 3.102 | 2.1 | 21.1 |
| 6 30 | 18 10.82 | −21 54.3 | 2.095 | 3.108 | 2.0 | 21.1 |
| 7 10 | 18 1.30 | −22 34.0 | 2.129 | 3.113 | 5.7 | 21.4 |
| 7 20 | 17 53.05 | −23 10.9 | 2.190 | 3.117 | 9.1 | 21.6 |
| 7 30 | 17 46.74 | −23 44.6 | 2.275 | 3.121 | 12.1 | 21.8 |

**22700** 1998 $RP_{37}$ 6 24.9 58°.99 0°.1/25.0 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.00 | −23 44.8 | 2.207 | 3.061 | 12.0 | 18.3 |
| 5 31 | 18 34.95 | −23 38.5 | 2.138 | 3.069 | 9.0 | 18.1 |
| 6 10 | 18 28.08 | −23 32.1 | 2.093 | 3.077 | 5.6 | 17.9 |
| 6 20 | 18 20.03 | −23 24.5 | 2.073 | 3.086 | 1.9 | 17.7 |
| 6 30 | 18 11.61 | −23 15.3 | 2.081 | 3.094 | 1.9 | 17.7 |
| 7 10 | 18 3.72 | −23 4.8 | 2.117 | 3.103 | 5.5 | 17.9 |
| 7 20 | 17 57.12 | −22 53.8 | 2.179 | 3.112 | 8.9 | 18.2 |
| 7 30 | 17 52.39 | −22 43.1 | 2.264 | 3.121 | 11.8 | 18.4 |

**138016** Kerribeisser 6 25.0 196°.96 2°.1/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.60 | −28 29.3 | 2.075 | 2.920 | 13.0 | 21.4 |
| 5 31 | 18 40.26 | −28 49.3 | 1.992 | 2.917 | 9.9 | 21.2 |
| 6 10 | 18 31.59 | −29 6.6 | 1.933 | 2.914 | 6.4 | 20.9 |
| 6 20 | 18 21.28 | −29 18.2 | 1.900 | 2.909 | 2.9 | 20.7 |
| 6 30 | 18 10.33 | −29 21.9 | 1.895 | 2.904 | 3.0 | 20.7 |
| 7 10 | 17 59.89 | −29 17.2 | 1.918 | 2.899 | 6.5 | 20.9 |
| 7 20 | 17 50.97 | −29 5.5 | 1.967 | 2.892 | 10.1 | 21.1 |
| 7 30 | 17 44.36 | −28 49.2 | 2.039 | 2.885 | 13.3 | 21.3 |

**415113** 2012 $CV_{50}$ 6 25.0 126°.44 3°.2/25.3 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.13 | −15 35.4 | 1.606 | 2.460 | 15.7 | 21.4 |
| 5 31 | 18 38.58 | −15 23.6 | 1.541 | 2.468 | 12.1 | 21.2 |
| 6 10 | 18 30.58 | −15 19.3 | 1.497 | 2.476 | 8.0 | 21.0 |
| 6 20 | 18 20.93 | −15 22.6 | 1.477 | 2.484 | 4.1 | 20.8 |
| 6 30 | 18 10.72 | −15 33.1 | 1.483 | 2.491 | 4.0 | 20.8 |
| 7 10 | 18 1.20 | −15 49.7 | 1.515 | 2.498 | 7.7 | 21.0 |
| 7 20 | 17 53.40 | −16 11.5 | 1.571 | 2.504 | 11.7 | 21.3 |
| 7 30 | 17 48.09 | −16 37.2 | 1.649 | 2.510 | 15.2 | 21.5 |

**7351** Yoshidamichi 6 25.0 66°.21 0°.9/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.28 | −23 29.8 | 1.625 | 2.488 | 15.1 | 17.4 |
| 5 31 | 18 38.13 | −24 3.5 | 1.559 | 2.495 | 11.4 | 17.1 |
| 6 10 | 18 30.41 | −24 39.7 | 1.515 | 2.501 | 7.1 | 16.9 |
| 6 20 | 18 20.91 | −25 15.1 | 1.495 | 2.508 | 2.5 | 16.6 |
| 6 30 | 18 10.76 | −25 46.5 | 1.502 | 2.515 | 2.6 | 16.7 |
| 7 10 | 18 1.26 | −26 12.1 | 1.535 | 2.522 | 7.1 | 17.0 |
| 7 20 | 17 53.53 | −26 31.8 | 1.592 | 2.528 | 11.3 | 17.2 |
| 7 30 | 17 48.39 | −26 46.4 | 1.670 | 2.535 | 14.8 | 17.5 |

**100210** 1994 $LD_1$ 6 25.0 342°.62 16°.6/19.5 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 35.44 | −50 19.9 | 1.173 | 2.026 | 20.3 | 17.9 |
| 5 31 | 18 35.11 | −52 30.6 | 1.095 | 1.991 | 18.5 | 17.6 |
| 6 10 | 18 30.23 | −54 24.6 | 1.034 | 1.957 | 17.1 | 17.4 |
| 6 20 | 18 21.30 | −55 48.2 | 0.991 | 1.926 | 16.6 | 17.3 |
| 6 30 | 18 10.09 | −56 28.3 | 0.965 | 1.897 | 17.3 | 17.2 |
| 7 10 | 17 59.46 | −56 19.1 | 0.956 | 1.870 | 19.1 | 17.2 |
| 7 20 | 17 52.17 | −55 23.0 | 0.962 | 1.847 | 21.6 | 17.3 |
| 7 30 | 17 50.12 | −53 49.4 | 0.982 | 1.827 | 24.3 | 17.4 |

**343300** 2010 $AD_{77}$ 6 25.0 92°.40 1°.8/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 46.05 | −29 29.7 | 1.862 | 2.713 | 14.0 | 20.6 |
| 5 31 | 18 39.75 | −29 17.6 | 1.799 | 2.727 | 10.6 | 20.4 |
| 6 10 | 18 31.14 | −29 0.1 | 1.760 | 2.742 | 6.7 | 20.2 |
| 6 20 | 18 21.07 | −28 35.2 | 1.745 | 2.756 | 2.9 | 20.0 |
| 6 30 | 18 10.67 | −28 2.9 | 1.759 | 2.770 | 2.8 | 20.0 |
| 7 10 | 18 1.10 | −27 24.6 | 1.799 | 2.783 | 6.5 | 20.3 |
| 7 20 | 17 53.32 | −26 43.2 | 1.865 | 2.797 | 10.2 | 20.5 |
| 7 30 | 17 47.96 | −26 1.8 | 1.954 | 2.810 | 13.4 | 20.8 |

**490656** 2010 $GA_{31}$ 6 25.0 90°.88 4°.2/24.7 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.62 | −33 33.9 | 1.972 | 2.818 | 13.5 | 21.5 |
| 5 31 | 18 39.57 | −34 15.0 | 1.913 | 2.833 | 10.5 | 21.3 |
| 6 10 | 18 31.14 | −34 49.8 | 1.876 | 2.849 | 7.2 | 21.2 |
| 6 20 | 18 21.11 | −35 14.0 | 1.865 | 2.864 | 4.6 | 21.0 |
| 6 30 | 18 10.61 | −35 24.8 | 1.880 | 2.879 | 4.7 | 21.1 |
| 7 10 | 18 0.83 | −35 22.0 | 1.922 | 2.893 | 7.3 | 21.3 |
| 7 20 | 17 52.78 | −35 7.6 | 1.990 | 2.908 | 10.4 | 21.5 |
| 7 30 | 17 47.19 | −34 45.2 | 2.079 | 2.922 | 13.2 | 21.7 |

**72518** 2001 $DP_{86}$ 6 25.0 295°.53 1°.2/25.1 18

| 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | $r$ | $\beta$ | $V$ |
|---|---|---|---|---|---|---|
| | h m | ° ′ | | | ° | m |
| 5 21 | 18 40.74 | −19 20.7 | 1.768 | 2.628 | 14.2 | 19.4 |
| 5 31 | 18 36.15 | −19 31.4 | 1.684 | 2.617 | 10.8 | 19.2 |
| 6 10 | 18 29.20 | −19 47.4 | 1.621 | 2.606 | 6.9 | 18.9 |
| 6 20 | 18 20.53 | −20 7.2 | 1.583 | 2.595 | 2.7 | 18.7 |
| 6 30 | 18 11.11 | −20 29.5 | 1.572 | 2.584 | 2.5 | 18.6 |
| 7 10 | 18 2.11 | −20 52.7 | 1.586 | 2.574 | 6.9 | 18.9 |
| 7 20 | 17 54.55 | −21 16.1 | 1.625 | 2.563 | 11.0 | 19.1 |
| 7 30 | 17 49.30 | −21 39.2 | 1.686 | 2.553 | 14.7 | 19.3 |

**269078** 2007 $GT_{73}$ 6 25.0 51°.21 1°.1/25.1 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 42.23 | −20 29.4 | 1.521 | 2.388 | 15.8 | 20.7 |
| 5 31 | 18 37.27 | −20 28.7 | 1.463 | 2.400 | 11.9 | 20.4 |
| 6 10 | 18 29.80 | −20 31.6 | 1.427 | 2.413 | 7.4 | 20.2 |
| 6 20 | 18 20.68 | −20 37.0 | 1.414 | 2.427 | 2.8 | 20.0 |
| 6 30 | 18 11.07 | −20 43.9 | 1.427 | 2.440 | 2.7 | 20.0 |
| 7 10 | 18 2.25 | −20 51.4 | 1.466 | 2.454 | 7.2 | 20.3 |
| 7 20 | 17 55.27 | −20 59.6 | 1.528 | 2.468 | 11.4 | 20.6 |
| 7 30 | 17 50.84 | −21 8.7 | 1.611 | 2.482 | 15.0 | 20.8 |

**112881** 2002 $QV_{42}$ 6 25.0 304°.01 0°.5/24.9 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.96 | −22 22.0 | 1.757 | 2.620 | 14.2 | 19.3 |
| 5 31 | 18 36.47 | −22 57.3 | 1.669 | 2.605 | 10.8 | 19.1 |
| 6 10 | 18 29.50 | −23 37.1 | 1.604 | 2.590 | 6.8 | 18.8 |
| 6 20 | 18 20.67 | −24 18.6 | 1.563 | 2.576 | 2.3 | 18.5 |
| 6 30 | 18 10.97 | −24 58.7 | 1.548 | 2.561 | 2.4 | 18.5 |
| 7 10 | 18 1.62 | −25 34.9 | 1.560 | 2.547 | 7.0 | 18.7 |
| 7 20 | 17 53.73 | −26 5.9 | 1.596 | 2.534 | 11.2 | 18.9 |
| 7 30 | 17 48.25 | −26 32.1 | 1.654 | 2.520 | 14.9 | 19.1 |

**130651** 2000 $SA_{86}$ 6 25.0 206°.68 5°.6/25.4 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 41.15 | − 6 7.8 | 2.499 | 3.308 | 12.1 | 21.0 |
| 5 31 | 18 35.65 | − 5 38.4 | 2.412 | 3.302 | 9.9 | 20.8 |
| 6 10 | 18 28.51 | − 5 18.7 | 2.348 | 3.294 | 7.6 | 20.7 |
| 6 20 | 18 20.23 | − 5 10.5 | 2.310 | 3.286 | 5.8 | 20.6 |
| 6 30 | 18 11.49 | − 5 14.9 | 2.299 | 3.278 | 5.8 | 20.5 |
| 7 10 | 18 3.06 | − 5 31.4 | 2.316 | 3.268 | 7.4 | 20.6 |
| 7 20 | 17 55.63 | − 5 58.9 | 2.359 | 3.258 | 9.8 | 20.8 |
| 7 30 | 17 49.79 | − 6 35.3 | 2.426 | 3.247 | 12.2 | 20.9 |

**13904** Univinnitsa 6 25.0 220°.80 2°.9/24.6 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.45 | −31 45.8 | 2.685 | 3.519 | 10.7 | 19.5 |
| 5 31 | 18 38.33 | −32 17.4 | 2.591 | 3.508 | 8.3 | 19.3 |
| 6 10 | 18 30.29 | −32 45.3 | 2.522 | 3.496 | 5.6 | 19.1 |
| 6 20 | 18 20.87 | −33 6.8 | 2.481 | 3.483 | 3.3 | 18.9 |
| 6 30 | 18 10.85 | −33 19.4 | 2.468 | 3.470 | 3.4 | 18.9 |
| 7 10 | 18 1.15 | −33 22.4 | 2.484 | 3.456 | 5.8 | 19.0 |
| 7 20 | 17 52.59 | −33 16.6 | 2.527 | 3.441 | 8.6 | 19.2 |
| 7 30 | 17 45.85 | −33 4.0 | 2.594 | 3.426 | 11.2 | 19.3 |

**423981** 2006 $VN_{27}$ 6 25.0 128°.98 1°.3/24.9 17

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 45.83 | −25 38.3 | 1.794 | 2.649 | 14.3 | 21.7 |
| 5 31 | 18 39.81 | −26 1.1 | 1.728 | 2.659 | 10.8 | 21.5 |
| 6 10 | 18 31.34 | −26 23.4 | 1.685 | 2.669 | 6.7 | 21.3 |
| 6 20 | 18 21.23 | −26 42.2 | 1.667 | 2.679 | 2.6 | 21.0 |
| 6 30 | 18 10.57 | −26 55.3 | 1.676 | 2.688 | 2.6 | 21.1 |
| 7 10 | 18 0.59 | −27 1.8 | 1.712 | 2.696 | 6.7 | 21.3 |
| 7 20 | 17 52.34 | −27 2.7 | 1.773 | 2.705 | 10.6 | 21.6 |
| 7 30 | 17 46.58 | −26 59.8 | 1.856 | 2.713 | 14.0 | 21.8 |

**53983** 2000 $GW_{74}$ 6 25.0 123°.96 1°.6/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 44.34 | −19 11.1 | 1.808 | 2.660 | 14.3 | 20.1 |
| 5 31 | 18 38.51 | −19 5.5 | 1.743 | 2.672 | 10.8 | 19.9 |
| 6 10 | 18 30.45 | −19 3.8 | 1.700 | 2.683 | 6.9 | 19.7 |
| 6 20 | 18 20.90 | −19 5.0 | 1.682 | 2.693 | 2.8 | 19.5 |
| 6 30 | 18 10.90 | −19 8.7 | 1.692 | 2.703 | 2.7 | 19.5 |
| 7 10 | 18 1.56 | −19 14.2 | 1.728 | 2.713 | 6.7 | 19.8 |
| 7 20 | 17 53.81 | −19 21.6 | 1.790 | 2.723 | 10.5 | 20.0 |
| 7 30 | 17 48.36 | −19 30.9 | 1.874 | 2.732 | 13.8 | 20.2 |

**115675** 2003 $UE_{146}$ 6 25.0 224°.69 4°.2/25.2 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 40.54 | −11 47.5 | 2.246 | 3.080 | 12.5 | 20.1 |
| 5 31 | 18 35.39 | −11 18.3 | 2.160 | 3.073 | 9.9 | 20.0 |
| 6 10 | 18 28.44 | −10 56.2 | 2.098 | 3.065 | 7.0 | 19.8 |
| 6 20 | 18 20.24 | −10 42.3 | 2.061 | 3.056 | 4.6 | 19.6 |
| 6 30 | 18 11.54 | −10 37.4 | 2.051 | 3.048 | 4.6 | 19.6 |
| 7 10 | 18 3.20 | −10 41.7 | 2.069 | 3.039 | 7.0 | 19.7 |
| 7 20 | 17 55.98 | −10 54.5 | 2.112 | 3.029 | 9.9 | 19.9 |
| 7 30 | 17 50.51 | −11 14.6 | 2.178 | 3.020 | 12.7 | 20.0 |

**53928** 2000 $GT_{39}$ 6 25.0 221°.28 1°.2/25.1 18

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 21 | 18 43.70 | −20 12.0 | 1.857 | 2.710 | 14.0 | 20.4 |
| 5 31 | 18 38.22 | −20 8.1 | 1.774 | 2.704 | 10.6 | 20.2 |
| 6 10 | 18 30.41 | −20 7.2 | 1.713 | 2.697 | 6.7 | 19.9 |
| 6 20 | 18 20.95 | −20 8.4 | 1.678 | 2.690 | 2.6 | 19.7 |
| 6 30 | 18 10.83 | −20 10.9 | 1.670 | 2.683 | 2.5 | 19.6 |
| 7 10 | 18 1.19 | −20 14.3 | 1.689 | 2.675 | 6.7 | 19.9 |
| 7 20 | 17 53.03 | −20 18.6 | 1.733 | 2.667 | 10.7 | 20.1 |
| 7 30 | 17 47.15 | −20 24.5 | 1.800 | 2.658 | 14.3 | 20.3 |