

EPHEMERIDES

10 25.9

10 26.0

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|-------------|-------|---------|------|
| 206069 | 2002 <i>RM</i> ₄ | 10 25.9 107°27 | 5°2/30.9 18 | | | | 282413 | 2003 <i>UQ</i> ₁₄₄ | 10 26.0 30°76 | 4°8/30.2 18 | | | |
| 9 18 | 2 29.20 | +29 49.2 | 1.989 | 2.737 | 16.5 | 20.5 | 9 18 | 2 25.14 | +27 49.7 | 1.438 | 2.230 | 19.9 | 19.5 |
| 9 28 | 2 24.84 | +29 55.3 | 1.909 | 2.745 | 13.8 | 20.3 | 9 28 | 2 22.38 | +27 35.8 | 1.372 | 2.241 | 16.4 | 19.3 |
| 10 8 | 2 18.08 | +29 40.4 | 1.848 | 2.753 | 10.7 | 20.1 | 10 8 | 2 16.76 | +26 54.7 | 1.324 | 2.253 | 12.3 | 19.1 |
| 10 18 | 2 9.57 | +29 3.1 | 1.810 | 2.762 | 7.6 | 19.9 | 10 18 | 2 9.05 | +25 46.4 | 1.298 | 2.265 | 8.0 | 18.9 |
| 10 28 | 2 0.29 | +28 4.9 | 1.799 | 2.770 | 5.4 | 19.8 | 10 28 | 2 0.50 | +24 15.2 | 1.296 | 2.278 | 4.9 | 18.8 |
| 11 7 | 1 51.40 | +26 50.7 | 1.815 | 2.778 | 6.0 | 19.9 | 11 7 | 1 52.53 | +22 30.1 | 1.320 | 2.292 | 6.3 | 18.9 |
| 11 17 | 1 43.93 | +25 28.1 | 1.859 | 2.785 | 8.7 | 20.1 | 11 17 | 1 46.33 | +20 42.7 | 1.370 | 2.307 | 10.2 | 19.2 |
| 11 27 | 1 38.65 | +24 5.8 | 1.929 | 2.793 | 11.8 | 20.3 | 11 27 | 1 42.73 | +19 4.2 | 1.444 | 2.322 | 14.1 | 19.4 |
| 89535 | 2001 <i>XU</i> ₈₃ | 10 25.9 354°01 | 3°2/28.7 18 | | | | 65943 | 1998 <i>FR</i> ₉₈ | 10 26.0 182°77 | 2°1/28.5 18 | | | |
| 9 18 | 2 24.67 | +24 52.8 | 1.462 | 2.266 | 19.1 | 19.1 | 9 18 | 2 27.39 | +22 32.3 | 2.847 | 3.608 | 11.8 | 20.9 |
| 9 28 | 2 22.04 | +24 18.3 | 1.383 | 2.264 | 15.5 | 18.8 | 9 28 | 2 22.64 | +22 20.4 | 2.752 | 3.608 | 9.5 | 20.7 |
| 10 8 | 2 16.58 | +23 17.3 | 1.322 | 2.262 | 11.3 | 18.6 | 10 8 | 2 16.25 | +21 56.4 | 2.680 | 3.608 | 6.8 | 20.5 |
| 10 18 | 2 8.99 | +21 50.7 | 1.284 | 2.260 | 6.6 | 18.3 | 10 18 | 2 8.69 | +21 20.5 | 2.635 | 3.608 | 4.0 | 20.4 |
| 10 28 | 2 0.43 | +20 3.7 | 1.271 | 2.260 | 3.2 | 18.1 | 10 28 | 2 0.60 | +20 34.8 | 2.620 | 3.607 | 2.1 | 20.2 |
| 11 7 | 1 52.30 | +18 6.6 | 1.284 | 2.259 | 6.0 | 18.3 | 11 7 | 1 52.71 | +19 42.8 | 2.635 | 3.605 | 3.8 | 20.3 |
| 11 17 | 1 45.82 | +16 11.4 | 1.324 | 2.259 | 10.6 | 18.6 | 11 17 | 1 45.69 | +18 48.9 | 2.680 | 3.603 | 6.6 | 20.5 |
| 11 27 | 1 41.90 | +14 29.5 | 1.387 | 2.260 | 15.0 | 18.8 | 11 27 | 1 40.12 | +17 57.8 | 2.753 | 3.600 | 9.2 | 20.7 |
| 176302 | 2001 <i>SO</i> ₁₃₉ | 10 25.9 240°94 | 1°9/27.5 18 | | | | 248297 | 2005 <i>LL</i> ₁₄ | 10 26.0 203°05 | 1°1/24.8 18 | | | |
| 9 18 | 2 28.88 | +18 44.0 | 2.017 | 2.811 | 14.8 | 20.5 | 9 18 | 2 27.14 | +11 58.2 | 2.488 | 3.294 | 12.0 | 22.1 |
| 9 28 | 2 24.45 | +18 50.4 | 1.931 | 2.811 | 11.8 | 20.3 | 9 28 | 2 22.59 | +11 12.7 | 2.397 | 3.289 | 9.3 | 21.9 |
| 10 8 | 2 17.79 | +18 44.3 | 1.868 | 2.810 | 8.3 | 20.1 | 10 8 | 2 16.30 | +10 18.3 | 2.329 | 3.283 | 6.2 | 21.7 |
| 10 18 | 2 9.45 | +18 25.9 | 1.829 | 2.810 | 4.5 | 19.8 | 10 18 | 2 8.74 | +9 17.7 | 2.290 | 3.277 | 2.8 | 21.5 |
| 10 28 | 2 0.32 | +17 57.5 | 1.818 | 2.809 | 1.9 | 19.7 | 10 28 | 2 0.59 | +8 15.6 | 2.280 | 3.271 | 1.6 | 21.4 |
| 11 7 | 1 51.44 | +17 23.2 | 1.836 | 2.808 | 4.8 | 19.9 | 11 7 | 1 52.65 | +7 16.9 | 2.301 | 3.263 | 4.9 | 21.6 |
| 11 17 | 1 43.77 | +16 48.1 | 1.882 | 2.808 | 8.7 | 20.1 | 11 17 | 1 45.65 | +6 26.2 | 2.351 | 3.255 | 8.3 | 21.8 |
| 11 27 | 1 38.11 | +16 17.8 | 1.953 | 2.807 | 12.1 | 20.3 | 11 27 | 1 40.19 | +5 47.4 | 2.426 | 3.247 | 11.2 | 22.0 |
| 201147 | 2002 <i>JO</i> ₁₂₇ | 10 26.0 171°15 | 2°5/23.9 18 | | | | 215952 | 2005 <i>NX</i> ₂₇ | 10 26.0 128°89 | 2°1/24.1 18 | | | |
| 9 18 | 2 29.52 | +7 22.7 | 2.038 | 2.859 | 13.8 | 20.9 | 9 18 | 2 26.70 | +9 2.8 | 2.097 | 2.919 | 13.4 | 20.9 |
| 9 28 | 2 24.71 | +6 47.5 | 1.961 | 2.862 | 10.6 | 20.7 | 9 28 | 2 22.47 | +8 19.3 | 2.023 | 2.925 | 10.3 | 20.7 |
| 10 8 | 2 17.82 | +6 6.3 | 1.907 | 2.864 | 7.1 | 20.5 | 10 8 | 2 16.30 | +7 28.4 | 1.972 | 2.930 | 6.8 | 20.5 |
| 10 18 | 2 9.41 | +5 23.1 | 1.880 | 2.866 | 3.5 | 20.3 | 10 18 | 2 8.74 | +6 34.1 | 1.948 | 2.935 | 3.3 | 20.3 |
| 10 28 | 2 0.35 | +4 42.6 | 1.881 | 2.867 | 3.0 | 20.3 | 10 28 | 2 0.60 | +5 41.6 | 1.952 | 2.939 | 2.6 | 20.3 |
| 11 7 | 1 51.60 | +4 10.0 | 1.911 | 2.868 | 6.3 | 20.5 | 11 7 | 1 52.78 | +4 56.1 | 1.985 | 2.944 | 5.9 | 20.5 |
| 11 17 | 1 44.04 | +3 49.1 | 1.969 | 2.869 | 9.9 | 20.7 | 11 17 | 1 46.08 | +4 22.0 | 2.046 | 2.949 | 9.4 | 20.7 |
| 11 27 | 1 38.38 | +3 42.5 | 2.051 | 2.869 | 13.1 | 20.9 | 11 27 | 1 41.15 | +4 2.2 | 2.131 | 2.953 | 12.5 | 20.9 |
| 170650 | 2003 <i>YR</i> ₁₁₄ | 10 26.0 290°85 | 8°9/18.8 18 | | | | 227650 | 2006 <i>BP</i> ₁₃₄ | 10 26.0 43°04 | 1°4/24.8 18 | | | |
| 9 18 | 2 28.49 | -9 59.0 | 1.849 | 2.681 | 14.5 | 19.8 | 9 18 | 2 26.09 | +10 25.9 | 1.917 | 2.743 | 14.3 | 20.0 |
| 9 28 | 2 24.11 | -11 10.8 | 1.787 | 2.678 | 12.0 | 19.6 | 9 28 | 2 22.13 | +9 58.4 | 1.852 | 2.756 | 11.0 | 19.8 |
| 10 8 | 2 17.50 | -12 15.3 | 1.747 | 2.674 | 9.9 | 19.5 | 10 8 | 2 16.12 | +9 23.0 | 1.810 | 2.768 | 7.2 | 19.6 |
| 10 18 | 2 9.29 | -13 4.7 | 1.731 | 2.670 | 8.9 | 19.4 | 10 18 | 2 8.66 | +8 43.1 | 1.793 | 2.781 | 3.3 | 19.4 |
| 10 28 | 2 0.39 | -13 31.8 | 1.741 | 2.667 | 9.6 | 19.5 | 10 28 | 2 0.63 | +8 3.4 | 1.804 | 2.795 | 2.0 | 19.3 |
| 11 7 | 1 51.87 | -13 32.6 | 1.777 | 2.663 | 11.7 | 19.6 | 11 7 | 1 53.00 | +7 29.1 | 1.843 | 2.808 | 5.7 | 19.6 |
| 11 17 | 1 44.65 | -13 6.3 | 1.835 | 2.659 | 14.2 | 19.7 | 11 17 | 1 46.60 | +7 4.2 | 1.909 | 2.822 | 9.4 | 19.9 |
| 11 27 | 1 39.46 | -12 15.1 | 1.913 | 2.656 | 16.6 | 19.9 | 11 27 | 1 42.09 | +6 51.9 | 2.000 | 2.836 | 12.6 | 20.1 |
| 238635 | 2005 <i>CT</i> ₅₃ | 10 26.0 125°05 | 2°5/23.9 18 | | | | 348344 | 2005 <i>EE</i> ₇₉ | 10 26.0 262°49 | 6°7/19.5 18 | | | |
| 9 18 | 2 27.83 | +8 23.2 | 1.885 | 2.712 | 14.5 | 20.6 | 9 18 | 2 26.27 | -2 30.4 | 1.980 | 2.817 | 13.5 | 21.0 |
| 9 28 | 2 23.54 | +7 38.7 | 1.813 | 2.717 | 11.2 | 20.4 | 9 28 | 2 22.41 | -4 0.5 | 1.897 | 2.800 | 10.8 | 20.8 |
| 10 8 | 2 17.10 | +6 46.6 | 1.764 | 2.722 | 7.4 | 20.1 | 10 8 | 2 16.45 | -5 32.5 | 1.838 | 2.784 | 8.2 | 20.6 |
| 10 18 | 2 9.10 | +5 51.4 | 1.740 | 2.727 | 3.6 | 19.9 | 10 18 | 2 8.90 | -6 58.6 | 1.805 | 2.766 | 6.7 | 20.5 |
| 10 28 | 2 0.44 | +4 58.8 | 1.745 | 2.732 | 3.1 | 19.9 | 10 28 | 2 0.56 | -8 10.6 | 1.800 | 2.749 | 7.6 | 20.5 |
| 11 7 | 1 52.15 | +4 14.8 | 1.778 | 2.736 | 6.6 | 20.1 | 11 7 | 1 52.41 | -9 1.9 | 1.821 | 2.731 | 10.1 | 20.6 |
| 11 17 | 1 45.12 | +3 44.0 | 1.838 | 2.741 | 10.3 | 20.4 | 11 17 | 1 45.35 | -9 28.5 | 1.867 | 2.713 | 13.1 | 20.8 |
| 11 27 | 1 40.07 | +3 29.2 | 1.921 | 2.745 | 13.6 | 20.6 | 11 27 | 1 40.14 | -9 29.6 | 1.934 | 2.694 | 15.8 | 20.9 |
| 133802 | 2003 <i>WM</i> ₁₄₄ | 10 26.0 324°43 | 0°5/25.6 18 | | | | 513973 | 2014 <i>FN</i> ₆₇ | 10 26.0 227°64 | 5°0/21.9 18 | | | |
| 9 18 | 2 24.31 | +12 40.5 | 1.960 | 2.783 | 14.2 | 19.8 | 9 18 | 2 29.17 | +0 30.8 | 2.018 | 2.848 | 13.6 | 22.2 |
| 9 28 | 2 21.01 | +12 23.7 | 1.866 | 2.767 | 11.1 | 19.6 | 9 28 | 2 24.54 | -0 21.4 | 1.938 | 2.840 | 10.6 | 22.0 |
| 10 8 | 2 15.58 | +11 57.1 | 1.795 | 2.751 | 7.4 | 19.3 | 10 8 | 2 17.79 | -1 15.3 | 1.880 | 2.832 | 7.6 | 21.8 |
| 10 18 | 2 8.49 | +11 22.9 | 1.748 | 2.736 | 3.3 | 19.0 | 10 18 | 2 9.47 | -2 5.4 | 1.849 | 2.823 | 5.2 | 21.6 |
| 10 28 | 2 0.58 | +10 45.2 | 1.729 | 2.722 | 1.2 | 18.8 | 10 28 | 2 0.42 | -2 45.4 | 1.846 | 2.814 | 5.6 | 21.6 |
| 11 7 | 1 52.80 | +10 8.8 | 1.738 | 2.707 | 5.4 | 19.1 | 11 7 | 1 51.62 | -3 10.4 | 1.871 | 2.805 | 8.3 | 21.8 |
| 11 17 | 1 46.12 | +9 38.8 | 1.774 | 2.694 | 9.5 | 19.3 | 11 17 | 1 43.97 | -3 17.2 | 1.922 | 2.795 | 11.5 | 22.0 |
| 11 27 | 1 41.31 | +9 19.7 | 1.834 | 2.681 | 13.1 | 19.5 | 11 27 | 1 38.21 | -3 4.7 | 1.996 | 2.785 | 14.4 | 22.1 |
| 88199 | 2000 <i>YQ</i> ₇₃ | 10 26.0 21°38 | 3°9/29.6 18 | | | | 517947 | 2015 <i>TS</i> ₃₀₄ | 10 26.0 19°58 | 5°3/22.1 18 | | | |
| 9 18 | 2 25.32 | +25 42.0 | 1.873 | 2.652 | 16.4 | 19.3 | 9 18 | 2 28.68 | -1 34.8 | 1.968 | 2.801 | 13.8 | 21.2 |
| 9 28 | 2 21.92 | +25 38.2 | 1.793 | 2.656 | 13.4 | 19.1 | 9 28 | 2 24.09 | -2 9.4 | 1.899 | 2.802 | 10.8 | 21.0 |
| 10 8 | 2 16.19 | +25 14.9 | 1.734 | 2.660 | 10.0 | 18.9 | 10 8 | 2 17.43 | -2 42.4 | 1.854 | 2.804 | 7.8 | 20.8 |
| 10 18 | 2 8.74 | +24 31.8 | 1.697 | 2.665 | 6.4 | 18.7 | 10 18 | 2 9.27 | -3 8.7 | 1.834 | 2.806 | 5.5 | 20.7 |
| 10 28 | 2 0.54 | +23 31.5 | 1.688 | 2.670 | 3.9 | 18.5 | 10 28 | 2 0.49 | -3 23.3 | 1.841 | 2.807 | 5.8 | 20.7 |
| 11 7 | 1 52.68 | +22 19.6 | 1.705 | 2.676 | 5.4 | 18.6 | 11 7 | 1 52.05 | -3 22.4 | 1.876 | 2.810 | 8.3 | 20.9 |
| 11 17 | 1 46.16 | +21 3.8 | 1.750 | 2.682 | 8.8 | 18.9 | 11 17 | 1 44.83 | -3 4.3 | 1.937 | 2.812 | 11.3 | 21.1 |
| 11 27 | 1 41.75 | +19 52.1 | 1.820 | 2.688 | 12.2 | 19.1 | 11 27 | 1 39.51 | -2 29.1 | 2.021 | 2.814 | 14.1 | 21.3 |
| 1815 | Beethoven | 10 26.0 301°74 | 1°4/24.8 18 | | | | 71431 | 2000 <i>AC</i> ₂₀₂ | 10 26.0 314°73 | 9°5/18.6 18 | | | |
| 9 18 | 2 24.82 | +10 22.6 | 2.164 | 2.986 | 13.1 | 16.2 | 9 18 | 2 26.57 | -7 56.7 | 1.580 | 2.427 | 15.8 | 19.2 |
| 9 28 | 2 21.19 | +9 55.2 | 2.066 | 2.967 | 10.2 | 16.0 | 9 28 | 2 23.13 | -9 21.4 | 1.511 | 2.414 | 13.1 | 19.0 |
| 10 8 | 2 15.59 | +9 19.6 | 1.991 | 2.948 | 6.8 | 15.7 | 10 8 | 2 17.17 | -10 41.5 | 1.464 | 2.401 | 10.6 | 18.8 |
| 10 18 | 2 8.48 | +8 38.7 | 1.942 | 2.930 | 3.1 | 15.4 | 10 18 | 2 9.28 | -11 47.1 | 1.440 | 2.388 | 9.5 | 18.7 |
| 10 28 | 2 0.60 | +7 56.8 | 1.921 | 2.911 | 1.9 | 15.3 | 10 28 | 2 0.50 | -12 28.9 | 1.441 | 2.375 | 10.4 | 18.7 |
| 11 7 | 1 52.84 | +7 18.6 | 1.929 | 2.893 | 5.6 | 15.5 | 11 7 | 1 52.02 | -12 41.0 | 1.465 | 2.363 | 12.9 | 18.9 |
| 11 17 | 1 46.04 | +6 48.9 | 1.964 | 2.875 | 9.3 | 15.7 | 11 17 | 1 44.96 | -12 21.5 | 1.511 | 2.352 | 15.9 | 19.0 |
| 11 27 | 1 40.95 | +6 31.2 | 2.024 | 2.857 | 12.6 | 15.9 | 11 27 | 1 40.16 | -11 32.4 | 1.577 | 2.341 | 18.7 | 19.2 |

EPHEMERIDES

10 26.0

10 26.0

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|-----------|---------|------|---------------|-------------------------------|-----------------|----------|-----------|---------|------|
| 510256 | 2011 <i>HX</i> ₃₀ | 10 26.0 | 74°82 | 7°0/21.4 | 18 | | 151252 | 2002 <i>AJ</i> ₄₇ | 10 26.0 | 328°13 | 7°3/19.5 | 18 | |
| 9 18 | 2 32.58 | — 3 36.5 | 1.632 | 2.468 | 16.0 | 20.8 | 9 18 | 2 25.32 | — 5 17.1 | 1.914 | 2.755 | 13.8 | 19.9 |
| 9 28 | 2 27.16 | — 4 35.7 | 1.592 | 2.494 | 12.6 | 20.6 | 9 28 | 2 21.63 | — 6 33.0 | 1.848 | 2.750 | 11.1 | 19.7 |
| 10 8 | 2 19.40 | — 5 30.6 | 1.573 | 2.519 | 9.3 | 20.5 | 10 8 | 2 15.88 | — 7 46.2 | 1.804 | 2.746 | 8.6 | 19.6 |
| 10 18 | 2 10.09 | — 6 14.1 | 1.580 | 2.544 | 7.1 | 20.4 | 10 18 | 2 8.62 | — 8 49.3 | 1.786 | 2.741 | 7.3 | 19.5 |
| 10 28 | 2 0.34 | — 6 39.7 | 1.613 | 2.569 | 7.6 | 20.5 | 10 28 | 2 0.72 | — 9 35.1 | 1.794 | 2.737 | 8.1 | 19.5 |
| 11 7 | 1 51.29 | — 6 43.6 | 1.672 | 2.594 | 10.0 | 20.7 | 11 7 | 1 53.12 | — 9 58.5 | 1.828 | 2.733 | 10.3 | 19.7 |
| 11 17 | 1 43.86 | — 6 25.2 | 1.756 | 2.619 | 13.0 | 21.0 | 11 17 | 1 46.69 | — 9 57.6 | 1.886 | 2.730 | 13.0 | 19.8 |
| 11 27 | 1 38.71 | — 5 46.4 | 1.862 | 2.643 | 15.6 | 21.2 | 11 27 | 1 42.13 | — 9 32.7 | 1.965 | 2.727 | 15.6 | 20.0 |
| 66573 | 1999 <i>RL</i> ₁₅₂ | 10 26.0 | 64°10 | 2°5/28.3 | 18 | | 226117 | 2002 <i>PA</i> ₁₈₁ | 10 26.0 | 188°98 | 0°5/26.6 | 17 | |
| 9 18 | 2 27.41 | +23 57.6 | 1.622 | 2.416 | 17.9 | 19.1 | 9 18 | 2 26.48 | +15 45.1 | 2.945 | 3.732 | 10.8 | 21.5 |
| 9 28 | 2 23.63 | +23 13.4 | 1.557 | 2.433 | 14.3 | 18.9 | 9 28 | 2 21.85 | +15 33.5 | 2.852 | 3.731 | 8.5 | 21.3 |
| 10 8 | 2 17.32 | +22 6.5 | 1.512 | 2.451 | 10.2 | 18.7 | 10 8 | 2 15.71 | +15 13.8 | 2.784 | 3.729 | 5.7 | 21.1 |
| 10 18 | 2 9.25 | +20 39.1 | 1.491 | 2.469 | 5.7 | 18.5 | 10 18 | 2 8.48 | +14 47.2 | 2.743 | 3.728 | 2.8 | 20.9 |
| 10 28 | 2 0.55 | +18 57.3 | 1.497 | 2.487 | 2.5 | 18.3 | 10 28 | 2 0.76 | +14 16.0 | 2.732 | 3.725 | 0.7 | 20.8 |
| 11 7 | 1 52.43 | +17 10.4 | 1.531 | 2.505 | 5.3 | 18.6 | 11 7 | 1 53.20 | +13 43.3 | 2.753 | 3.723 | 3.6 | 21.0 |
| 11 17 | 1 45.92 | +15 28.4 | 1.592 | 2.523 | 9.5 | 18.8 | 11 17 | 1 46.43 | +13 12.4 | 2.803 | 3.720 | 6.6 | 21.2 |
| 11 27 | 1 41.73 | +14 0.0 | 1.678 | 2.541 | 13.3 | 19.1 | 11 27 | 1 40.99 | +12 46.8 | 2.880 | 3.716 | 9.2 | 21.4 |
| 328486 | 2009 <i>MH</i> ₇ | 10 26.0 | 116°81 | 4°5/22.4 | 16 | | 54206 | 2000 <i>HM</i> ₈₃ | 10 26.0 | 83°29 | 9°3/18.9 | 18 | |
| 9 18 | 2 31.88 | + 4 40.7 | 1.714 | 2.544 | 15.6 | 22.1 | 9 18 | 2 31.26 | —13 7.7 | 1.916 | 2.737 | 14.6 | 18.1 |
| 9 28 | 2 26.66 | + 3 21.3 | 1.659 | 2.564 | 12.0 | 21.9 | 9 28 | 2 25.95 | —14 13.4 | 1.875 | 2.753 | 12.2 | 18.0 |
| 10 8 | 2 19.12 | + 1 56.8 | 1.628 | 2.584 | 8.1 | 21.7 | 10 8 | 2 18.54 | —15 7.9 | 1.856 | 2.770 | 10.2 | 17.9 |
| 10 18 | 2 10.01 | + 0 34.3 | 1.623 | 2.603 | 5.0 | 21.5 | 10 18 | 2 9.73 | —15 44.1 | 1.861 | 2.786 | 9.3 | 17.9 |
| 10 28 | 2 0.37 | — 0 38.2 | 1.646 | 2.621 | 5.2 | 21.6 | 10 28 | 2 0.48 | —15 56.2 | 1.892 | 2.802 | 9.9 | 18.0 |
| 11 7 | 1 51.31 | — 1 33.7 | 1.697 | 2.638 | 8.4 | 21.8 | 11 7 | 1 51.80 | —15 42.0 | 1.948 | 2.818 | 11.6 | 18.1 |
| 11 17 | 1 43.76 | — 2 8.4 | 1.774 | 2.655 | 11.9 | 22.1 | 11 17 | 1 44.52 | —15 2.3 | 2.028 | 2.834 | 13.7 | 18.3 |
| 11 27 | 1 38.42 | — 2 20.9 | 1.874 | 2.670 | 14.9 | 22.3 | 11 27 | 1 39.25 | —14 0.3 | 2.128 | 2.850 | 15.7 | 18.5 |
| 492796 | 2014 <i>QM</i> ₂₄₂ | 10 26.0 | 218°76 | 5°9/18.9 | 18 | | 139884 | 2001 <i>RB</i> ₈₇ | 10 26.0 | 12°52 | 0°7/25.4 | 18 | |
| 9 18 | 2 24.29 | — 5 34.7 | 2.658 | 3.483 | 10.8 | 22.0 | 9 18 | 2 24.87 | +14 16.3 | 1.797 | 2.620 | 15.3 | 19.4 |
| 9 28 | 2 20.25 | — 6 51.6 | 2.584 | 3.477 | 8.7 | 21.9 | 9 28 | 2 21.49 | +13 31.3 | 1.720 | 2.621 | 11.9 | 19.2 |
| 10 8 | 2 14.68 | — 8 6.6 | 2.535 | 3.470 | 6.8 | 21.7 | 10 8 | 2 15.89 | +12 33.0 | 1.666 | 2.623 | 7.9 | 19.0 |
| 10 18 | 2 8.00 | — 9 14.2 | 2.514 | 3.463 | 5.9 | 21.7 | 10 18 | 2 8.66 | +11 24.9 | 1.636 | 2.624 | 3.5 | 18.7 |
| 10 28 | 2 0.84 | —10 8.9 | 2.521 | 3.456 | 6.5 | 21.7 | 10 28 | 2 0.72 | +10 13.1 | 1.634 | 2.626 | 1.4 | 18.6 |
| 11 7 | 1 53.88 | —10 46.7 | 2.556 | 3.448 | 8.3 | 21.8 | 11 7 | 1 53.12 | + 9 4.7 | 1.659 | 2.628 | 5.8 | 18.9 |
| 11 17 | 1 47.73 | —11 5.3 | 2.617 | 3.440 | 10.5 | 21.9 | 11 17 | 1 46.79 | + 8 6.2 | 1.712 | 2.630 | 9.9 | 19.1 |
| 11 27 | 1 42.96 | —11 4.3 | 2.700 | 3.432 | 12.5 | 22.1 | 11 27 | 1 42.47 | + 7 22.8 | 1.789 | 2.633 | 13.5 | 19.3 |
| 228442 | 2001 <i>QJ</i> ₁₅₉ | 10 26.0 | 29°78 | 0°4/26.3 | 18 | | 396931 | 2005 <i>GX</i> ₃₃ | 10 26.0 | 246°13 | 1°8/24.6 | 18 | |
| 9 18 | 2 28.33 | +14 43.4 | 1.145 | 1.992 | 20.6 | 20.0 | 9 18 | 2 28.04 | + 9 50.8 | 2.043 | 2.863 | 13.8 | 21.8 |
| 9 28 | 2 25.19 | +14 40.0 | 1.093 | 2.005 | 16.1 | 19.8 | 9 28 | 2 23.77 | + 9 16.5 | 1.952 | 2.852 | 10.7 | 21.6 |
| 10 8 | 2 18.80 | +14 20.9 | 1.058 | 2.019 | 10.8 | 19.5 | 10 8 | 2 17.37 | + 8 33.7 | 1.883 | 2.840 | 7.1 | 21.4 |
| 10 18 | 2 10.04 | +13 48.7 | 1.045 | 2.033 | 5.0 | 19.3 | 10 18 | 2 9.35 | + 7 45.9 | 1.841 | 2.829 | 3.3 | 21.1 |
| 10 28 | 2 0.36 | +13 9.2 | 1.056 | 2.049 | 1.1 | 19.0 | 10 28 | 2 0.54 | + 6 57.8 | 1.827 | 2.817 | 2.3 | 21.0 |
| 11 7 | 1 51.38 | +12 30.1 | 1.092 | 2.066 | 6.9 | 19.5 | 11 7 | 1 51.92 | + 6 14.8 | 1.843 | 2.805 | 6.0 | 21.2 |
| 11 17 | 1 44.46 | +11 59.1 | 1.151 | 2.084 | 12.1 | 19.8 | 11 17 | 1 44.41 | + 5 42.0 | 1.885 | 2.792 | 9.9 | 21.4 |
| 11 27 | 1 40.51 | +11 41.9 | 1.231 | 2.102 | 16.6 | 20.2 | 11 27 | 1 38.76 | + 5 22.9 | 1.952 | 2.779 | 13.3 | 21.6 |
| 4153 | Roburnham | 10 26.0 | 100°07 | 0°3/25.7 | 18 | | 158592 | 2002 <i>NG</i> ₅ | 10 26.0 | 124°28 | 0°4/25.6 | 18 | |
| 9 18 | 2 26.67 | +13 14.7 | 2.466 | 3.270 | 12.2 | 17.6 | 9 18 | 2 25.87 | +13 5.3 | 2.683 | 3.485 | 11.4 | 21.3 |
| 9 28 | 2 22.13 | +12 52.3 | 2.395 | 3.285 | 9.4 | 17.4 | 9 28 | 2 21.41 | +12 37.7 | 2.608 | 3.497 | 8.8 | 21.1 |
| 10 8 | 2 15.92 | +12 21.7 | 2.348 | 3.300 | 6.2 | 17.2 | 10 8 | 2 15.40 | +12 2.5 | 2.556 | 3.508 | 5.8 | 20.9 |
| 10 18 | 2 8.55 | +11 45.4 | 2.327 | 3.315 | 2.8 | 17.0 | 10 18 | 2 8.32 | +11 21.9 | 2.532 | 3.520 | 2.6 | 20.7 |
| 10 28 | 2 0.72 | +11 6.6 | 2.336 | 3.329 | 0.9 | 16.9 | 10 28 | 2 0.82 | +10 39.3 | 2.538 | 3.531 | 0.9 | 20.6 |
| 11 7 | 1 53.21 | +10 29.5 | 2.375 | 3.343 | 4.3 | 17.2 | 11 7 | 1 53.57 | + 9 58.4 | 2.575 | 3.541 | 4.1 | 20.9 |
| 11 17 | 1 46.68 | + 9 57.6 | 2.443 | 3.357 | 7.6 | 17.4 | 11 17 | 1 47.23 | + 9 22.9 | 2.640 | 3.552 | 7.2 | 21.1 |
| 11 27 | 1 41.71 | + 9 34.4 | 2.537 | 3.371 | 10.4 | 17.6 | 11 27 | 1 42.30 | + 8 55.9 | 2.732 | 3.562 | 9.8 | 21.3 |
| 387622 | 2002 <i>GR</i> ₁₈₂ | 10 26.0 | 108°89 | 3°2/28.4 | 18 | | 210165 | 2006 <i>SE</i> ₃₄₁ | 10 26.0 | 80°33 | 1°2/25.1 | 18 | |
| 9 18 | 2 34.88 | +21 25.0 | 1.957 | 2.732 | 15.9 | 21.2 | 9 18 | 2 28.86 | +10 38.9 | 1.916 | 2.736 | 14.6 | 20.5 |
| 9 28 | 2 29.13 | +21 54.8 | 1.884 | 2.748 | 12.8 | 21.0 | 9 28 | 2 24.38 | +10 21.8 | 1.842 | 2.741 | 11.3 | 20.3 |
| 10 8 | 2 20.92 | +22 10.7 | 1.832 | 2.763 | 9.3 | 20.8 | 10 8 | 2 17.72 | + 9 56.8 | 1.790 | 2.747 | 7.5 | 20.1 |
| 10 18 | 2 10.92 | +22 11.7 | 1.805 | 2.777 | 5.6 | 20.6 | 10 18 | 2 9.47 | + 9 26.7 | 1.764 | 2.752 | 3.3 | 19.9 |
| 10 28 | 2 0.14 | +21 58.7 | 1.806 | 2.791 | 3.3 | 20.5 | 10 28 | 2 0.53 | + 8 55.7 | 1.766 | 2.757 | 1.7 | 19.8 |
| 11 7 | 1 49.75 | +21 35.2 | 1.836 | 2.805 | 5.2 | 20.7 | 11 7 | 1 51.93 | + 8 28.5 | 1.796 | 2.763 | 5.7 | 20.0 |
| 11 17 | 1 40.82 | +21 6.5 | 1.895 | 2.819 | 8.7 | 20.9 | 11 17 | 1 44.60 | + 8 9.4 | 1.854 | 2.768 | 9.6 | 20.3 |
| 11 27 | 1 34.14 | +20 38.7 | 1.979 | 2.832 | 12.0 | 21.2 | 11 27 | 1 39.26 | + 8 1.7 | 1.936 | 2.773 | 12.9 | 20.5 |
| 346771 | 2009 <i>BH</i> ₈₅ | 10 26.0 | 342°30 | 12°4/16.1 | 17 | | 435280 | 2007 <i>TT</i> ₃₁₉ | 10 26.0 | 12°24 | 2°7/24.7 | 18 | |
| 9 18 | 2 17.16 | — 7 3.2 | 1.073 | 1.960 | 18.8 | 19.3 | 9 18 | 2 26.92 | + 7 10.3 | 1.234 | 2.092 | 18.7 | 19.8 |
| 9 28 | 2 16.86 | — 9 9.2 | 1.011 | 1.938 | 15.7 | 19.0 | 9 28 | 2 23.90 | + 7 2.1 | 1.176 | 2.096 | 14.5 | 19.6 |
| 10 8 | 2 13.54 | —11 13.0 | 0.968 | 1.917 | 13.2 | 18.8 | 10 8 | 2 17.89 | + 6 47.6 | 1.137 | 2.102 | 9.7 | 19.3 |
| 10 18 | 2 7.81 | —12 59.3 | 0.946 | 1.899 | 12.5 | 18.7 | 10 18 | 2 9.66 | + 6 31.2 | 1.120 | 2.109 | 4.6 | 19.1 |
| 10 28 | 2 0.89 | —14 12.2 | 0.944 | 1.882 | 14.1 | 18.7 | 10 28 | 2 0.49 | + 6 18.7 | 1.128 | 2.117 | 3.4 | 19.0 |
| 11 7 | 1 54.27 | —14 41.5 | 0.961 | 1.868 | 17.2 | 18.9 | 11 7 | 1 51.87 | + 6 15.5 | 1.161 | 2.127 | 7.9 | 19.3 |
| 11 17 | 1 49.36 | —14 24.1 | 0.996 | 1.856 | 20.7 | 19.1 | 11 17 | 1 45.07 | + 6 25.5 | 1.217 | 2.139 | 12.7 | 19.6 |
| 11 27 | 1 47.21 | —13 23.2 | 1.046 | 1.846 | 24.0 | 19.3 | 11 27 | 1 41.01 | + 6 50.8 | 1.294 | 2.151 | 16.8 | 19.9 |
| 519705 | 2013 <i>AA</i> ₁₈₈ | 10 26.0 | 221°49 | 0°8/26.7 | 18 | | 329247 | 1995 <i>OY</i> ₉ | 10 26.0 | 200°89 | 11°4/ 5.8 | 17 | |
| 9 18 | 2 27.76 | +16 58.0 | 1.956 | 2.761 | 14.9 | 22.0 | 9 18 | 2 39.27 | +45 22.3 | 2.078 | 2.708 | 19.0 | 21.5 |
| 9 28 | 2 23.64 | +16 42.2 | 1.872 | 2.759 | 11.7 | 21.8 | 9 28 | 2 33.74 | +46 31.2 | 1.984 | 2.704 | 17.3 | 21.4 |
| 10 8 | 2 17.30 | +16 13.4 | 1.809 | 2.758 | 8.0 | 21.6 | 10 8 | 2 24.76 | +47 15.5 | 1.905 | 2.700 | 15.3 | 21.2 |
| 10 18 | 2 9.30 | +15 33.1 | 1.771 | 2.756 | 3.9 | 21.3 | 10 18 | 2 12.95 | +47 27.7 | 1.845 | 2.695 | 13.4 | 21.1 |
| 10 28 | 2 0.54 | +14 45.0 | 1.762 | 2.755 | 1.0 | 21.1 | 10 28 | 2 15.64 | +47 2.8 | 1.807 | 2.689 | 11.9 | 21.0 |
| 11 7 | 1 52.05 | +13 54.5 | 1.781 | 2.753 | 5.0 | 21.4 | 11 7 | 1 46.53 | +46 1.2 | 1.793 | 2.682 | 11.4 | 20.9 |
| 11 17 | 1 44.78 | +13 7.3 | 1.827 | 2.751 | 9.0 | 21.6 | 11 17 | 1 35.30 | +44 28.9 | 1.804 | 2.675 | 12.2 | 21.0 |
| 11 27 | 1 39.50 | +12 29.0 | 1.899 | | | | | | | | | | |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|--------------|-------|---------|------|
| 10585 | Wabi-Sabi | 10 26.0 115°62 | 1°4/25.1 18 | | | | 240981 | 2006 <i>JJ</i> ₅₆ | 10 26.0 241°72 | 6°3/30.7 18 | | | |
| 9 18 | 2 31.13 | +12 39.7 | 1.456 | 2.285 | 17.9 | 18.6 | 9 18 | 2 32.92 | +29 17.7 | 1.969 | 2.713 | 16.8 | 20.5 |
| 9 28 | 2 26.75 | +11 56.2 | 1.390 | 2.294 | 13.9 | 18.4 | 9 28 | 2 28.16 | +30 3.6 | 1.873 | 2.706 | 14.2 | 20.3 |
| 10 8 | 2 19.58 | +10 59.0 | 1.345 | 2.303 | 9.2 | 18.2 | 10 8 | 2 20.68 | +30 32.0 | 1.797 | 2.698 | 11.3 | 20.1 |
| 10 18 | 2 10.37 | +9 52.7 | 1.323 | 2.312 | 4.1 | 17.9 | 10 18 | 2 11.02 | +30 39.1 | 1.744 | 2.690 | 8.3 | 19.9 |
| 10 28 | 2 0.33 | +8 44.4 | 1.329 | 2.320 | 2.1 | 17.8 | 10 28 | 2 0.19 | +30 23.5 | 1.717 | 2.682 | 6.4 | 19.8 |
| 11 7 | 1 50.83 | +7 42.4 | 1.361 | 2.328 | 7.0 | 18.1 | 11 7 | 1 49.49 | +29 47.6 | 1.718 | 2.673 | 7.0 | 19.8 |
| 11 17 | 1 43.06 | +6 54.0 | 1.420 | 2.336 | 11.7 | 18.4 | 11 17 | 1 40.15 | +28 57.1 | 1.745 | 2.665 | 9.7 | 20.0 |
| 11 27 | 1 37.85 | +6 23.9 | 1.500 | 2.344 | 15.7 | 18.7 | 11 27 | 1 33.19 | +28 0.4 | 1.798 | 2.656 | 12.8 | 20.1 |
| 483049 | 2015 <i>KX</i> ₂₀ | 10 26.0 81°04 | 5°1/30.9 18 | | | | 440962 | 2007 <i>BJ</i> ₄₅ | 10 26.0 191°86 | 1°1/26.9 18 | | | |
| 9 18 | 2 28.83 | +30 4.3 | 1.716 | 2.476 | 18.4 | 21.4 | 9 18 | 2 31.11 | +17 49.4 | 2.018 | 2.811 | 14.9 | 22.9 |
| 9 28 | 2 24.87 | +29 48.1 | 1.642 | 2.488 | 15.3 | 21.2 | 9 28 | 2 26.21 | +17 33.2 | 1.930 | 2.810 | 11.8 | 22.7 |
| 10 8 | 2 18.26 | +29 6.4 | 1.587 | 2.500 | 11.7 | 21.0 | 10 8 | 2 19.02 | +17 3.4 | 1.863 | 2.808 | 8.1 | 22.5 |
| 10 18 | 2 9.76 | +27 58.5 | 1.554 | 2.512 | 8.0 | 20.8 | 10 18 | 2 10.13 | +16 21.3 | 1.822 | 2.806 | 4.1 | 22.2 |
| 10 28 | 2 0.49 | +26 27.4 | 1.547 | 2.524 | 5.3 | 20.7 | 10 28 | 2 0.44 | +15 30.3 | 1.810 | 2.802 | 1.2 | 22.0 |
| 11 7 | 1 51.76 | +24 40.9 | 1.568 | 2.535 | 6.1 | 20.8 | 11 7 | 1 51.01 | +14 35.7 | 1.827 | 2.799 | 5.0 | 22.3 |
| 11 17 | 1 44.66 | +22 49.3 | 1.616 | 2.547 | 9.4 | 21.0 | 11 17 | 1 42.83 | +13 43.6 | 1.872 | 2.794 | 9.0 | 22.5 |
| 11 27 | 1 39.99 | +21 3.4 | 1.690 | 2.559 | 12.9 | 21.2 | 11 27 | 1 36.69 | +12 59.8 | 1.943 | 2.789 | 12.5 | 22.7 |
| 398572 | 2011 <i>WW</i> ₃₄ | 10 26.0 24°30 | 2°1/24.5 18 | | | | 189197 | 2003 <i>QF</i> ₆₁ | 10 26.0 40°63 | 2°4/27.8 18 | | | |
| 9 18 | 2 28.48 | +8 13.7 | 1.838 | 2.666 | 14.8 | 21.1 | 9 18 | 2 30.48 | +18 50.7 | 1.851 | 2.648 | 15.9 | 18.8 |
| 9 28 | 2 24.20 | +7 53.0 | 1.764 | 2.668 | 11.4 | 20.9 | 9 28 | 2 25.76 | +19 18.1 | 1.787 | 2.666 | 12.6 | 18.6 |
| 10 8 | 2 17.67 | +7 25.8 | 1.711 | 2.670 | 7.6 | 20.6 | 10 8 | 2 18.69 | +19 33.0 | 1.744 | 2.685 | 8.9 | 18.5 |
| 10 18 | 2 9.48 | +6 55.8 | 1.684 | 2.672 | 3.6 | 20.4 | 10 18 | 2 9.94 | +19 35.0 | 1.726 | 2.704 | 5.0 | 18.3 |
| 10 28 | 2 0.56 | +6 27.5 | 1.685 | 2.674 | 2.6 | 20.3 | 10 28 | 2 0.51 | +19 25.8 | 1.735 | 2.724 | 2.4 | 18.1 |
| 11 7 | 1 51.97 | +6 5.8 | 1.713 | 2.676 | 6.3 | 20.6 | 11 7 | 1 51.52 | +19 9.2 | 1.772 | 2.744 | 5.0 | 18.4 |
| 11 17 | 1 44.66 | +5 54.6 | 1.769 | 2.678 | 10.2 | 20.8 | 11 17 | 1 43.95 | +18 49.9 | 1.837 | 2.765 | 8.7 | 18.6 |
| 11 27 | 1 39.40 | +5 56.6 | 1.848 | 2.681 | 13.7 | 21.1 | 11 27 | 1 38.54 | +18 33.2 | 1.927 | 2.786 | 12.0 | 18.9 |
| 333164 | 2012 <i>CS</i> ₁₀ | 10 26.0 227°58 | 3°8/23.5 17 | | | | 100066 | 1992 <i>EV</i> ₂₅ | 10 26.0 228°45 | 5°0/20.8 18 | | | |
| 9 18 | 2 30.58 | +7 1.4 | 1.478 | 2.318 | 17.1 | 21.7 | 9 18 | 2 26.60 | +0 50.6 | 2.226 | 3.056 | 12.5 | 20.4 |
| 9 28 | 2 26.45 | +6 6.7 | 1.402 | 2.313 | 13.3 | 21.4 | 9 28 | 2 22.41 | +0 30.6 | 2.143 | 3.045 | 9.8 | 20.2 |
| 10 8 | 2 19.51 | +5 2.8 | 1.347 | 2.307 | 9.0 | 21.2 | 10 8 | 2 16.34 | +1 55.3 | 2.084 | 3.035 | 7.0 | 20.0 |
| 10 18 | 2 10.43 | +3 55.6 | 1.316 | 2.302 | 4.8 | 20.9 | 10 18 | 2 8.88 | +3 17.3 | 2.052 | 3.023 | 5.2 | 19.9 |
| 10 28 | 2 0.34 | +2 53.4 | 1.312 | 2.296 | 4.5 | 20.9 | 10 28 | 2 0.76 | +4 29.7 | 2.050 | 3.011 | 5.8 | 19.9 |
| 11 7 | 1 50.60 | +2 4.3 | 1.334 | 2.289 | 8.6 | 21.1 | 11 7 | 1 52.85 | +5 26.5 | 2.076 | 2.999 | 8.3 | 20.0 |
| 11 17 | 1 42.46 | +1 34.3 | 1.381 | 2.283 | 13.1 | 21.4 | 11 17 | 1 45.92 | +6 3.8 | 2.128 | 2.986 | 11.2 | 20.2 |
| 11 27 | 1 36.85 | +1 26.6 | 1.449 | 2.276 | 17.1 | 21.6 | 11 27 | 1 40.66 | +6 19.8 | 2.203 | 2.973 | 13.8 | 20.4 |
| 213274 | 2001 <i>OZ</i> ₃₄ | 10 26.0 70°50 | 2°6/24.1 18 | | | | 204508 | 2005 <i>CW</i> ₇₀ | 10 26.0 2°87 | 10°6/18.5 18 | | | |
| 9 18 | 2 28.83 | +6 51.0 | 1.878 | 2.706 | 14.5 | 20.3 | 9 18 | 2 23.20 | +6 49.6 | 1.246 | 2.115 | 17.9 | 19.3 |
| 9 28 | 2 24.38 | +6 24.7 | 1.806 | 2.711 | 11.2 | 20.1 | 9 28 | 2 20.96 | +8 30.8 | 1.197 | 2.113 | 14.7 | 19.1 |
| 10 8 | 2 17.73 | +5 53.0 | 1.757 | 2.715 | 7.4 | 19.9 | 10 8 | 2 15.89 | +10 6.0 | 1.168 | 2.113 | 11.8 | 19.0 |
| 10 18 | 2 9.49 | +5 20.0 | 1.734 | 2.720 | 3.7 | 19.7 | 10 18 | 2 8.77 | +11 23.3 | 1.160 | 2.114 | 10.6 | 18.9 |
| 10 28 | 2 0.58 | +4 50.4 | 1.738 | 2.725 | 3.1 | 19.7 | 10 28 | 2 0.80 | +12 11.5 | 1.175 | 2.116 | 11.6 | 19.0 |
| 11 7 | 1 52.02 | +4 29.0 | 1.771 | 2.730 | 6.5 | 19.9 | 11 7 | 1 53.36 | +12 24.5 | 1.212 | 2.120 | 14.3 | 19.2 |
| 11 17 | 1 44.74 | +4 19.4 | 1.830 | 2.734 | 10.3 | 20.2 | 11 17 | 1 47.61 | +12 1.3 | 1.269 | 2.124 | 17.4 | 19.4 |
| 11 27 | 1 39.45 | +4 23.8 | 1.913 | 2.739 | 13.6 | 20.4 | 11 27 | 1 44.38 | +11 5.7 | 1.344 | 2.130 | 20.3 | 19.6 |
| 275084 | 2009 <i>UN</i> ₁₅₂ | 10 26.0 7°66 | 4°9/29.2 18 | | | | 108265 | 2001 <i>HC</i> ₅₅ | 10 26.1 140°33 | 4°2/22.9 17 | | | |
| 9 18 | 2 27.59 | +24 5.4 | 1.288 | 2.099 | 20.7 | 20.6 | 9 18 | 2 29.61 | +5 38.1 | 1.579 | 2.418 | 16.3 | 19.8 |
| 9 28 | 2 24.81 | +24 29.3 | 1.217 | 2.100 | 17.0 | 20.3 | 9 28 | 2 25.37 | +4 37.2 | 1.512 | 2.422 | 12.6 | 19.6 |
| 10 8 | 2 18.77 | +24 30.5 | 1.163 | 2.101 | 12.7 | 20.1 | 10 8 | 2 18.59 | +3 29.4 | 1.466 | 2.425 | 8.5 | 19.3 |
| 10 18 | 2 10.19 | +24 6.8 | 1.130 | 2.103 | 8.0 | 19.8 | 10 18 | 2 9.95 | +2 21.2 | 1.445 | 2.429 | 4.9 | 19.1 |
| 10 28 | 2 0.40 | +23 20.2 | 1.121 | 2.105 | 4.9 | 19.7 | 10 28 | 2 0.53 | +1 20.3 | 1.451 | 2.432 | 4.9 | 19.2 |
| 11 7 | 1 51.04 | +22 17.4 | 1.136 | 2.109 | 7.0 | 19.8 | 11 7 | 1 51.54 | +0 34.2 | 1.484 | 2.435 | 8.4 | 19.4 |
| 11 17 | 1 43.59 | +21 8.4 | 1.175 | 2.113 | 11.4 | 20.1 | 11 17 | 1 44.07 | +0 7.5 | 1.543 | 2.438 | 12.4 | 19.6 |
| 11 27 | 1 39.12 | +20 4.2 | 1.237 | 2.118 | 15.8 | 20.4 | 11 27 | 1 38.93 | +0 2.5 | 1.623 | 2.440 | 16.0 | 19.9 |
| 453510 | 2009 <i>UN</i> ₇₇ | 10 26.0 317°41 | 1°1/27.0 17 | | | | 11804 | Zambon | 10 26.1 82°07 | 4°2/29.4 18 | | | |
| 9 18 | 2 24.70 | +17 29.6 | 1.991 | 2.799 | 14.5 | 21.1 | 9 18 | 2 33.01 | +24 57.2 | 1.789 | 2.561 | 17.3 | 19.0 |
| 9 28 | 2 21.40 | +17 19.6 | 1.894 | 2.783 | 11.6 | 20.9 | 9 28 | 2 27.87 | +25 14.8 | 1.725 | 2.583 | 14.1 | 18.8 |
| 10 8 | 2 15.93 | +16 56.5 | 1.818 | 2.767 | 8.0 | 20.7 | 10 8 | 2 20.16 | +25 14.0 | 1.680 | 2.604 | 10.4 | 18.7 |
| 10 18 | 2 8.77 | +16 21.4 | 1.767 | 2.751 | 4.1 | 20.4 | 10 18 | 2 10.63 | +24 53.7 | 1.659 | 2.625 | 6.7 | 18.5 |
| 10 28 | 2 0.75 | +15 37.4 | 1.744 | 2.736 | 1.2 | 20.2 | 10 28 | 2 0.38 | +24 15.8 | 1.665 | 2.646 | 4.3 | 18.4 |
| 11 7 | 1 52.85 | +14 49.5 | 1.748 | 2.721 | 4.9 | 20.4 | 11 7 | 1 50.66 | +23 25.3 | 1.699 | 2.667 | 5.7 | 18.5 |
| 11 17 | 1 46.05 | +14 3.4 | 1.780 | 2.707 | 9.0 | 20.6 | 11 17 | 1 42.55 | +22 29.4 | 1.760 | 2.688 | 9.0 | 18.8 |
| 11 27 | 1 41.15 | +13 24.8 | 1.836 | 2.693 | 12.6 | 20.8 | 11 27 | 1 36.84 | +21 35.8 | 1.847 | 2.708 | 12.4 | 19.0 |
| 145587 | 2006 <i>PT</i> ₁₆ | 10 26.0 23°63 | 1°9/24.9 18 | | | | 294924 | 2008 <i>DA</i> ₃₉ | 10 26.1 398°51 | 0°9/25.3 18 | | | |
| 9 18 | 2 24.28 | +12 20.9 | 0.946 | 1.818 | 22.0 | 19.1 | 9 18 | 2 26.14 | +12 30.2 | 1.996 | 2.815 | 14.1 | 21.1 |
| 9 28 | 2 22.49 | +11 39.0 | 0.901 | 1.829 | 17.0 | 18.9 | 9 28 | 2 22.31 | +12 0.2 | 1.913 | 2.812 | 11.0 | 20.8 |
| 10 8 | 2 17.21 | +10 40.2 | 0.873 | 1.841 | 11.2 | 18.6 | 10 8 | 2 16.40 | +11 20.1 | 1.853 | 2.809 | 7.3 | 20.6 |
| 10 18 | 2 9.40 | +9 31.2 | 0.866 | 1.856 | 5.0 | 18.3 | 10 18 | 2 8.94 | +10 32.8 | 1.818 | 2.806 | 3.2 | 20.4 |
| 10 28 | 2 0.64 | +8 22.4 | 0.880 | 1.872 | 2.8 | 18.3 | 10 28 | 2 0.77 | +9 43.0 | 1.811 | 2.803 | 1.4 | 20.2 |
| 11 7 | 1 52.69 | +7 24.9 | 0.917 | 1.889 | 8.5 | 18.7 | 11 7 | 1 52.85 | +8 56.1 | 1.833 | 2.800 | 5.4 | 20.5 |
| 11 17 | 1 46.96 | +6 46.7 | 0.976 | 1.907 | 14.0 | 19.0 | 11 17 | 1 46.08 | +8 17.3 | 1.882 | 2.797 | 9.3 | 20.7 |
| 11 27 | 1 44.33 | +6 32.4 | 1.055 | 1.927 | 18.6 | 19.4 | 11 27 | 1 41.17 | +7 50.7 | 1.955 | 2.795 | 12.7 | 20.9 |
| 421926 | 2014 <i>QR</i> ₂₃₇ | 10 26.0 102°13 | 2°2/23.8 18 | | | | 197055 | 2003 <i>UC</i> ₁₅₀ | 10 26.1 39°77 | 2°2/24.1 18 | | | |
| 9 18 | 2 25.56 | +7 44.8 | 2.389 | 3.209 | 12.0 | 21.4 | 9 18 | 2 24.51 | +9 7.1 | 1.947 | 2.778 | 14.0 | 20.0 |
| 9 28 | 2 21.33 | +7 1.1 | 2.321 | 3.221 | 9.2 | 21.3 | 9 28 | 2 20.91 | +8 20.2 | 1.884 | 2.790 | 10.7 | 19.8 |
| 10 8 | 2 15.43 | +6 12.1 | 2.276 | 3.232 | 6.1 | 21.1 | 10 8 | 2 15.34 | +7 25.8 | 1.843 | 2.803 | 7.0 | 19.6 |
| 10 18 | 2 8.38 | +5 21.4 | 2.258 | 3.244 | 3.1 | 20.9 | 10 18 | 2 8.39 | +6 28.2 | 1.828 | 2.815 | 3.4 | 19.4 |
| 10 28 | 2 0.88 | +4 33.6 | 2.270 | 3.255 | 2.7 | 20.9 | 10 28 | 2 0.91 | +5 33.3 | 1.841 | 2.828 | 2.8 | 19.4 |
| 11 7 | 1 53.67 | +3 53.0 | 2.311 | 3.266 | 5.5 | 21.1 | 11 7 | 1 53.81 | +4 46.5 | 1.882 | 2.842 | 6.1 | 19.6 |
| 11 17 | 1 47.45 | +3 23.2 | 2.379 | 3.277 | 8.5 | 21.3 | 11 17 | 1 47.89 | +4 12.2 | 1.950 | 2.855 | 9.6 | 19.9 |
| 11 27 | 1 42.77 | +3 6.5 | 2.474 | 3.287 | 11.2 | 21.5 | 11 27 | 1 43.77 | +3 53.3 | 2.041 | 2.869 | 12.7 | 20.1 |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 441149 | 2007 <i>TT</i> ₂₀₄ | 10 26.1 | 46°87 | 2.4/24.3 | 18 | | 488649 | 2003 <i>SV</i> ₉₂ | 10 26.1 | 340°44 | 3.5/22.6 | 17 | |
| 9 18 | 2 28.31 | + 8 22.7 | 1.654 | 2.488 | 15.9 | 21.1 | 9 18 | 2 19.83 | + 9 28.0 | 1.722 | 2.568 | 14.8 | 20.9 |
| 9 28 | 2 24.24 | + 7 51.3 | 1.588 | 2.496 | 12.2 | 20.9 | 9 28 | 2 17.76 | + 7 53.2 | 1.639 | 2.555 | 11.4 | 20.6 |
| 10 8 | 2 17.77 | + 7 12.4 | 1.544 | 2.504 | 8.1 | 20.7 | 10 8 | 2 13.54 | + 6 4.8 | 1.579 | 2.543 | 7.6 | 20.4 |
| 10 18 | 2 9.56 | + 6 30.5 | 1.525 | 2.512 | 3.9 | 20.5 | 10 18 | 2 7.70 | + 4 9.8 | 1.545 | 2.531 | 4.1 | 20.1 |
| 10 28 | 2 0.63 | + 5 51.2 | 1.533 | 2.521 | 3.0 | 20.4 | 10 28 | 2 1.10 | + 2 17.4 | 1.538 | 2.521 | 4.3 | 20.1 |
| 11 7 | 1 52.14 | + 5 20.3 | 1.568 | 2.530 | 6.9 | 20.7 | 11 7 | 1 54.74 | + 0 37.7 | 1.559 | 2.511 | 8.0 | 20.3 |
| 11 17 | 1 45.09 | + 5 2.3 | 1.629 | 2.539 | 10.9 | 21.0 | 11 17 | 1 49.54 | + 0 41.7 | 1.606 | 2.502 | 11.9 | 20.5 |
| 11 27 | 1 40.25 | + 4 59.8 | 1.713 | 2.548 | 14.5 | 21.2 | 11 27 | 1 46.26 | + 1 36.0 | 1.674 | 2.495 | 15.4 | 20.8 |
| 24640 | Omiwa | 10 26.1 | 304°53 | 2.1/24.5 | 18 | | 275118 | 2009 <i>VV</i> ₅₇ | 10 26.1 | 287°61 | 3.8/22.8 | 17 | |
| 9 18 | 2 26.39 | + 9 58.3 | 1.642 | 2.478 | 15.9 | 18.9 | 9 18 | 2 26.95 | + 1 54.6 | 2.312 | 3.138 | 12.2 | 21.1 |
| 9 28 | 2 23.12 | + 9 23.6 | 1.551 | 2.460 | 12.4 | 18.6 | 9 28 | 2 22.68 | + 1 24.4 | 2.221 | 3.122 | 9.5 | 20.9 |
| 10 8 | 2 17.31 | + 8 38.3 | 1.481 | 2.441 | 8.3 | 18.4 | 10 8 | 2 16.55 | + 0 52.5 | 2.153 | 3.106 | 6.6 | 20.7 |
| 10 18 | 2 9.49 | + 7 46.3 | 1.435 | 2.424 | 3.9 | 18.1 | 10 18 | 2 9.01 | + 0 23.0 | 2.111 | 3.090 | 4.2 | 20.5 |
| 10 28 | 2 0.62 | + 6 53.6 | 1.416 | 2.406 | 2.7 | 18.0 | 10 28 | 2 0.79 | + 0 0.2 | 2.098 | 3.074 | 4.3 | 20.5 |
| 11 7 | 1 51.90 | + 6 7.2 | 1.424 | 2.389 | 7.1 | 18.2 | 11 7 | 1 52.70 | + 0 11.8 | 2.114 | 3.058 | 6.8 | 20.7 |
| 11 17 | 1 44.49 | + 5 33.3 | 1.458 | 2.372 | 11.6 | 18.4 | 11 17 | 1 45.55 | + 0 10.5 | 2.157 | 3.041 | 9.9 | 20.8 |
| 11 27 | 1 39.32 | + 5 16.7 | 1.514 | 2.355 | 15.7 | 18.6 | 11 27 | 1 40.01 | + 0 5.6 | 2.224 | 3.025 | 12.8 | 21.0 |
| 517127 | 2013 <i>HQ</i> ₄₂ | 10 26.1 | 115°86 | 2.1/27.9 | 18 | | 511413 | 2014 <i>HE</i> ₁₄₇ | 10 26.1 | 149°85 | 0.8/26.7 | 18 | |
| 9 18 | 2 28.01 | +20 26.0 | 2.211 | 2.996 | 14.0 | 21.9 | 9 18 | 2 29.45 | +16 48.4 | 2.121 | 2.918 | 14.1 | 21.9 |
| 9 28 | 2 23.62 | +20 26.7 | 2.128 | 3.000 | 11.2 | 21.7 | 9 28 | 2 24.72 | +16 32.0 | 2.041 | 2.924 | 11.1 | 21.7 |
| 10 8 | 2 17.19 | +20 14.5 | 2.067 | 3.004 | 8.0 | 21.5 | 10 8 | 2 17.92 | +16 3.6 | 1.983 | 2.930 | 7.6 | 21.5 |
| 10 18 | 2 9.28 | +19 49.6 | 2.031 | 3.008 | 4.5 | 21.3 | 10 18 | 2 9.62 | +15 25.0 | 1.951 | 2.935 | 3.7 | 21.2 |
| 10 28 | 2 0.70 | +19 14.2 | 2.023 | 3.012 | 2.1 | 21.2 | 10 28 | 2 0.66 | +14 39.4 | 1.948 | 2.940 | 0.9 | 21.0 |
| 11 7 | 1 52.38 | +18 32.6 | 2.044 | 3.016 | 4.5 | 21.3 | 11 7 | 1 52.01 | +13 51.9 | 1.974 | 2.945 | 4.7 | 21.3 |
| 11 17 | 1 45.18 | +17 49.6 | 2.094 | 3.020 | 7.9 | 21.6 | 11 17 | 1 44.54 | +13 7.6 | 2.028 | 2.949 | 8.4 | 21.6 |
| 11 27 | 1 39.80 | +17 10.8 | 2.169 | 3.024 | 11.1 | 21.8 | 11 27 | 1 38.96 | +12 31.4 | 2.109 | 2.953 | 11.7 | 21.8 |
| 1387 | Kama | 10 26.1 | 41°46 | 0.9/25.5 | 18 R | | 213123 | 2000 <i>CC</i> ₆₀ | 10 26.1 | 291°92 | 7.2/19.3 | 18 | |
| 9 18 | 2 27.21 | +15 31.0 | 1.046 | 1.900 | 21.7 | 15.8 | 9 18 | 2 24.84 | + 2 10.4 | 1.776 | 2.623 | 14.4 | 20.1 |
| 9 28 | 2 24.41 | +14 34.0 | 1.002 | 1.919 | 16.8 | 15.6 | 9 28 | 2 21.55 | + 3 49.4 | 1.701 | 2.610 | 11.5 | 19.8 |
| 10 8 | 2 18.28 | +13 16.6 | 0.976 | 1.939 | 11.1 | 15.4 | 10 8 | 2 16.04 | + 5 30.4 | 1.649 | 2.597 | 8.7 | 19.7 |
| 10 18 | 2 9.83 | +11 45.5 | 0.970 | 1.960 | 4.9 | 15.1 | 10 18 | 2 8.84 | + 7 5.0 | 1.622 | 2.584 | 7.2 | 19.5 |
| 10 28 | 2 0.60 | +10 11.5 | 0.989 | 1.982 | 1.8 | 15.0 | 10 28 | 2 0.85 | + 8 23.6 | 1.622 | 2.572 | 8.2 | 19.6 |
| 11 7 | 1 52.25 | + 8 46.8 | 1.032 | 2.004 | 7.7 | 15.4 | 11 7 | 1 53.10 | + 9 18.9 | 1.647 | 2.559 | 10.9 | 19.7 |
| 11 17 | 1 46.07 | + 7 41.0 | 1.098 | 2.027 | 13.1 | 15.8 | 11 17 | 1 46.55 | + 9 46.8 | 1.697 | 2.547 | 14.0 | 19.9 |
| 11 27 | 1 42.88 | + 6 59.7 | 1.185 | 2.050 | 17.5 | 16.1 | 11 27 | 1 41.98 | + 9 46.6 | 1.766 | 2.534 | 16.8 | 20.1 |
| 287933 | 2003 <i>UB</i> ₄₆ | 10 26.1 | 154°52 | 0.6/26.5 | 18 | | 291363 | 2006 <i>BD</i> ₂₆₃ | 10 26.1 | 158°87 | 2.1/24.3 | 18 | |
| 9 18 | 2 30.90 | +16 54.8 | 1.562 | 2.377 | 17.6 | 21.6 | 9 18 | 2 29.59 | + 8 54.2 | 2.078 | 2.896 | 13.7 | 22.6 |
| 9 28 | 2 26.60 | +16 29.8 | 1.487 | 2.380 | 13.9 | 21.3 | 9 28 | 2 24.78 | + 8 15.0 | 2.003 | 2.901 | 10.6 | 22.4 |
| 10 8 | 2 19.55 | +15 48.5 | 1.432 | 2.384 | 9.4 | 21.1 | 10 8 | 2 17.93 | + 7 28.6 | 1.950 | 2.906 | 7.0 | 22.2 |
| 10 18 | 2 10.44 | +14 53.1 | 1.400 | 2.386 | 4.5 | 20.8 | 10 18 | 2 9.62 | + 6 38.8 | 1.924 | 2.911 | 3.3 | 22.0 |
| 10 28 | 2 0.42 | +13 48.7 | 1.396 | 2.389 | 1.0 | 20.6 | 10 28 | 2 0.69 | + 5 50.5 | 1.927 | 2.915 | 2.6 | 21.9 |
| 11 7 | 1 50.81 | +12 43.0 | 1.419 | 2.391 | 6.0 | 20.9 | 11 7 | 1 52.08 | + 5 9.0 | 1.960 | 2.919 | 6.0 | 22.2 |
| 11 17 | 1 42.82 | +11 43.8 | 1.469 | 2.393 | 10.7 | 21.2 | 11 17 | 1 44.65 | + 4 38.5 | 2.020 | 2.922 | 9.6 | 22.4 |
| 11 27 | 1 37.34 | +10 58.0 | 1.542 | 2.395 | 14.8 | 21.5 | 11 27 | 1 39.08 | + 4 22.1 | 2.105 | 2.925 | 12.7 | 22.6 |
| 328530 | 2009 <i>QX</i> ₆₂ | 10 26.1 | 98°23 | 4.6/22.5 | 16 | | 134036 | Austincummings | 10 26.1 | 327°24 | 5.6/30.3 | 18 | |
| 9 18 | 2 30.35 | + 5 32.1 | 1.568 | 2.406 | 16.4 | 21.5 | 9 18 | 2 29.63 | +27 17.8 | 2.026 | 2.784 | 16.0 | 19.4 |
| 9 28 | 2 25.73 | + 4 10.3 | 1.515 | 2.425 | 12.6 | 21.3 | 9 28 | 2 25.48 | +28 6.9 | 1.932 | 2.775 | 13.4 | 19.2 |
| 10 8 | 2 18.67 | + 2 42.2 | 1.485 | 2.443 | 8.5 | 21.1 | 10 8 | 2 18.84 | +28 40.6 | 1.857 | 2.766 | 10.5 | 19.0 |
| 10 18 | 2 9.91 | + 1 15.3 | 1.479 | 2.461 | 5.1 | 20.9 | 10 18 | 2 10.21 | +28 55.9 | 1.806 | 2.758 | 7.5 | 18.8 |
| 10 28 | 2 0.57 | + 0 1.5 | 1.501 | 2.479 | 5.3 | 21.0 | 10 28 | 2 0.51 | +28 51.6 | 1.781 | 2.750 | 5.7 | 18.7 |
| 11 7 | 1 51.84 | + 1 0.6 | 1.550 | 2.496 | 8.7 | 21.2 | 11 7 | 1 50.90 | +28 29.9 | 1.783 | 2.742 | 6.5 | 18.7 |
| 11 17 | 1 44.70 | + 1 37.6 | 1.625 | 2.512 | 12.4 | 21.5 | 11 17 | 1 42.52 | +27 55.5 | 1.812 | 2.735 | 9.2 | 18.9 |
| 11 27 | 1 39.86 | + 1 50.9 | 1.721 | 2.528 | 15.6 | 21.7 | 11 27 | 1 36.31 | +27 15.6 | 1.866 | 2.728 | 12.2 | 19.1 |
| 280458 | 2004 <i>ER</i> ₆₉ | 10 26.1 | 235°90 | 1.0/25.3 | 18 | | 400912 | 2010 <i>TW</i> ₈₈ | 10 26.1 | 131°65 | 1.5/24.7 | 18 | |
| 9 18 | 2 30.16 | +12 40.5 | 1.731 | 2.551 | 15.9 | 21.9 | 9 18 | 2 27.00 | +10 5.0 | 2.125 | 2.944 | 13.4 | 21.4 |
| 9 28 | 2 25.86 | +12 9.8 | 1.643 | 2.542 | 12.4 | 21.6 | 9 28 | 2 22.78 | + 9 33.2 | 2.047 | 2.947 | 10.3 | 21.2 |
| 10 8 | 2 19.02 | +11 27.0 | 1.577 | 2.533 | 8.3 | 21.4 | 10 8 | 2 16.61 | + 8 53.8 | 1.993 | 2.949 | 6.8 | 21.0 |
| 10 18 | 2 10.22 | +10 35.0 | 1.535 | 2.523 | 3.7 | 21.1 | 10 18 | 2 9.03 | + 8 10.1 | 1.964 | 2.952 | 3.1 | 20.7 |
| 10 28 | 2 0.46 | + 9 39.2 | 1.521 | 2.513 | 1.6 | 20.9 | 10 28 | 2 0.84 | + 7 26.6 | 1.965 | 2.955 | 2.0 | 20.7 |
| 11 7 | 1 50.92 | + 8 46.2 | 1.535 | 2.503 | 6.3 | 21.2 | 11 7 | 1 52.92 | + 6 48.1 | 1.994 | 2.957 | 5.5 | 20.9 |
| 11 17 | 1 42.75 | + 8 2.6 | 1.576 | 2.492 | 10.8 | 21.4 | 11 17 | 1 46.11 | + 6 18.8 | 2.051 | 2.959 | 9.1 | 21.1 |
| 11 27 | 1 36.83 | + 7 33.4 | 1.641 | 2.481 | 14.7 | 21.7 | 11 27 | 1 41.06 | + 6 2.1 | 2.133 | 2.962 | 12.2 | 21.3 |
| 155270 | Dianawheeler | 10 26.1 | 333°56 | 7.8/20.1 | 18 | | 51597 | 2001 <i>HZ</i> ₂₂ | 10 26.1 | 108°11 | 2.6/27.9 | 18 | |
| 9 18 | 2 27.86 | + 7 42.8 | 1.895 | 2.729 | 14.1 | 19.6 | 9 18 | 2 33.19 | +20 23.0 | 1.621 | 2.417 | 17.8 | 19.3 |
| 9 28 | 2 23.65 | + 8 36.1 | 1.827 | 2.723 | 11.5 | 19.4 | 9 28 | 2 28.29 | +20 27.9 | 1.551 | 2.430 | 14.2 | 19.1 |
| 10 8 | 2 17.28 | + 9 23.6 | 1.782 | 2.718 | 9.1 | 19.2 | 10 8 | 2 20.63 | +20 15.9 | 1.501 | 2.442 | 10.1 | 18.9 |
| 10 18 | 2 9.33 | + 9 58.6 | 1.761 | 2.712 | 7.8 | 19.2 | 10 18 | 2 10.94 | +19 47.3 | 1.474 | 2.453 | 5.6 | 18.6 |
| 10 28 | 2 0.69 | +10 14.8 | 1.767 | 2.707 | 8.4 | 19.2 | 10 28 | 2 0.39 | +19 4.8 | 1.475 | 2.465 | 2.6 | 18.5 |
| 11 7 | 1 52.38 | +10 8.2 | 1.798 | 2.703 | 10.5 | 19.3 | 11 7 | 1 50.33 | +18 14.4 | 1.503 | 2.476 | 5.6 | 18.7 |
| 11 17 | 1 45.31 | + 9 38.1 | 1.853 | 2.698 | 13.2 | 19.5 | 11 17 | 1 41.94 | +17 23.5 | 1.558 | 2.486 | 9.9 | 19.0 |
| 11 27 | 1 40.19 | + 8 46.0 | 1.930 | 2.694 | 15.7 | 19.6 | 11 27 | 1 36.10 | +16 39.4 | 1.637 | 2.497 | 13.8 | 19.2 |
| 197225 | 2003 <i>WQ</i> ₃₉ | 10 26.1 | 234°48 | 3.0/29.3 | 18 | | 132376 | 2002 <i>GF</i> ₇₈ | 10 26.1 | 124°13 | 1.5/27.4 | 18 | |
| 9 18 | 2 25.37 | +24 54.6 | 2.537 | 3.298 | 13.0 | 20.3 | 9 18 | 2 31.98 | +18 43.6 | 2.187 | 2.970 | 14.2 | 21.6 |
| 9 28 | 2 21.42 | +24 46.1 | 2.442 | 3.295 | 10.6 | 20.1 | 9 28 | 2 26.54 | +18 36.6 | 2.114 | 2.987 | 11.2 | 21.4 |
| 10 8 | 2 15.66 | +24 22.9 | 2.369 | 3.292 | 7.9 | 19.9 | 10 8 | 2 19.06 | +18 17.3 | 2.063 | 3.004 | 7.8 | 21.2 |
| 10 18 | 2 8.58 | +23 44.9 | 2.321 | 3.288 | 5.0 | 19.7 | 10 18 | 2 10.12 | +17 46.5 | 2.039 | 3.020 | 4.1 | 21.0 |
| 10 28 | 2 0.88 | +22 54.2 | 2.302 | 3.285 | 3.0 | 19.6 | 10 28 | 2 0.61 | +17 7.1 | 2.044 | 3.035 | 1.5 | 20.9 |
| 11 7 | 1 53.39 | +21 54.6 | 2.312 | 3.281 | 4.3 | 19.7 | 11 7 | 1 51.48 | +16 23.6 | 2.078 | 3.050 | 4.5 | 21.1 |
| 11 17 | 1 46.85 | +20 51.3 | 2.351 | 3.278 | 7.1 | 19.9 | 11 17 | 1 43.60 | +15 41.1 | 2.142 | 3.064 | 8.0 | 21.3 |
| 11 27 | 1 41.90 | +19 50.2 | 2.417 | 3.274 | 10.0 | 20.0 | 11 27 | 1 37.63 | +15 4.5 | 2.232 | 3.077 | 11. | |

EPHEMERIDES

10 26.1

10 26.1

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 222420 | 2001 <i>KW</i> ₂₇ | 10 26.1 | 76°37 | 2°0/24.9 | 16 | | 510554 | 2012 <i>LX</i> ₁₇ | 10 26.1 | 48°87 | 6°2/22.1 | 18 | |
| 9 18 | 2 35.69 | + 9 2.6 | 1.474 | 2.301 | 17.8 | 20.2 | 9 18 | 2 29.03 | + 2 9.2 | 1.290 | 2.146 | 18.2 | 21.1 |
| 9 28 | 2 29.97 | + 8 44.7 | 1.425 | 2.328 | 13.7 | 20.0 | 9 28 | 2 25.27 | + 0 59.2 | 1.240 | 2.158 | 14.1 | 20.8 |
| 10 8 | 2 21.53 | + 8 19.2 | 1.397 | 2.355 | 9.0 | 19.8 | 10 8 | 2 18.67 | + 0 13.7 | 1.211 | 2.171 | 9.8 | 20.6 |
| 10 18 | 2 11.24 | + 7 50.0 | 1.394 | 2.381 | 4.1 | 19.6 | 10 18 | 2 10.05 | + 1 20.8 | 1.205 | 2.184 | 6.6 | 20.5 |
| 10 28 | 2 0.37 | + 7 22.5 | 1.418 | 2.408 | 2.5 | 19.5 | 10 28 | 2 0.69 | + 2 12.6 | 1.224 | 2.197 | 6.9 | 20.6 |
| 11 7 | 1 50.26 | + 7 2.0 | 1.469 | 2.434 | 6.9 | 19.9 | 11 7 | 1 51.99 | + 2 42.3 | 1.267 | 2.211 | 10.4 | 20.8 |
| 11 17 | 1 42.01 | + 6 52.8 | 1.546 | 2.459 | 11.2 | 20.2 | 11 17 | 1 45.10 | + 2 46.6 | 1.334 | 2.225 | 14.3 | 21.1 |
| 11 27 | 1 36.36 | + 6 57.3 | 1.647 | 2.484 | 14.8 | 20.5 | 11 27 | 1 40.83 | + 2 25.9 | 1.420 | 2.239 | 17.8 | 21.3 |
| 5876 | 1990 <i>DM</i> ₂ | 10 26.1 | 151°09 | 1°4/27.3 | 18 R | | 304265 | 2006 <i>RN</i> ₈₉ | 10 26.1 | 345°29 | 0°6/26.5 | 18 | |
| 9 18 | 2 28.12 | +18 33.1 | 2.064 | 2.859 | 14.5 | 17.6 | 9 18 | 2 25.41 | +16 25.2 | 1.673 | 2.494 | 16.3 | 20.8 |
| 9 28 | 2 23.84 | +18 21.7 | 1.981 | 2.862 | 11.5 | 17.4 | 9 28 | 2 22.26 | +16 5.0 | 1.592 | 2.489 | 12.9 | 20.5 |
| 10 8 | 2 17.43 | +17 57.1 | 1.920 | 2.864 | 8.0 | 17.2 | 10 8 | 2 16.66 | +15 30.1 | 1.531 | 2.485 | 8.8 | 20.3 |
| 10 18 | 2 9.45 | +17 20.4 | 1.883 | 2.866 | 4.1 | 16.9 | 10 18 | 2 9.20 | +14 42.5 | 1.494 | 2.481 | 4.2 | 20.0 |
| 10 28 | 2 0.76 | +16 34.7 | 1.876 | 2.867 | 1.4 | 16.7 | 10 28 | 2 0.86 | +13 46.9 | 1.484 | 2.477 | 0.9 | 19.8 |
| 11 7 | 1 52.35 | +15 44.9 | 1.897 | 2.869 | 4.7 | 17.0 | 11 7 | 1 52.81 | +12 49.9 | 1.501 | 2.475 | 5.6 | 20.1 |
| 11 17 | 1 45.13 | +14 56.7 | 1.946 | 2.871 | 8.5 | 17.2 | 11 17 | 1 46.11 | +11 58.4 | 1.545 | 2.472 | 10.1 | 20.4 |
| 11 27 | 1 39.82 | +14 15.5 | 2.020 | 2.872 | 11.9 | 17.4 | 11 27 | 1 41.61 | +11 18.6 | 1.612 | 2.470 | 14.0 | 20.6 |
| 270808 | 2002 <i>RS</i> ₂₆₄ | 10 26.1 | 344°94 | 4°7/29.0 | 18 | | 88793 | 2001 <i>SG</i> ₁₁₄ | 10 26.1 | 242°84 | 1°2/27.2 | 18 | |
| 9 18 | 2 29.02 | +23 23.9 | 1.335 | 2.144 | 20.3 | 20.8 | 9 18 | 2 27.25 | +18 21.2 | 2.082 | 2.879 | 14.4 | 20.1 |
| 9 28 | 2 25.95 | +23 51.2 | 1.258 | 2.140 | 16.7 | 20.5 | 9 28 | 2 23.21 | +18 6.1 | 1.993 | 2.875 | 11.4 | 19.9 |
| 10 8 | 2 19.62 | +23 57.6 | 1.198 | 2.136 | 12.4 | 20.3 | 10 8 | 2 17.06 | +17 37.6 | 1.926 | 2.871 | 7.9 | 19.7 |
| 10 18 | 2 10.69 | +23 40.7 | 1.159 | 2.132 | 7.8 | 20.0 | 10 18 | 2 9.32 | +16 56.9 | 1.884 | 2.867 | 4.0 | 19.4 |
| 10 28 | 2 0.45 | +23 1.6 | 1.144 | 2.130 | 4.7 | 19.8 | 10 28 | 2 0.84 | +16 7.3 | 1.871 | 2.863 | 1.3 | 19.2 |
| 11 7 | 1 50.53 | +22 6.4 | 1.155 | 2.127 | 6.9 | 20.0 | 11 7 | 1 52.59 | +15 13.9 | 1.886 | 2.859 | 4.7 | 19.5 |
| 11 17 | 1 42.45 | +21 4.3 | 1.189 | 2.126 | 11.5 | 20.2 | 11 17 | 1 45.47 | +14 22.4 | 1.929 | 2.854 | 8.5 | 19.7 |
| 11 27 | 1 37.35 | +20 5.8 | 1.246 | 2.125 | 15.9 | 20.5 | 11 27 | 1 40.23 | +13 38.4 | 1.998 | 2.850 | 12.0 | 19.9 |
| 47123 | 1999 <i>CS</i> ₉₁ | 10 26.1 | 5°54 | 1°8/27.6 | 18 | | 24257 | 1999 <i>XQ</i> ₁₂₆ | 10 26.1 | 177°39 | 1°6/27.1 | 18 | |
| 9 18 | 2 25.82 | +18 52.7 | 2.076 | 2.875 | 14.4 | 18.8 | 9 18 | 2 33.36 | +17 32.7 | 1.739 | 2.539 | 16.6 | 18.6 |
| 9 28 | 2 22.09 | +18 54.1 | 1.994 | 2.875 | 11.4 | 18.6 | 9 28 | 2 28.37 | +17 36.9 | 1.657 | 2.541 | 13.2 | 18.4 |
| 10 8 | 2 16.28 | +18 43.1 | 1.932 | 2.876 | 8.0 | 18.4 | 10 8 | 2 20.72 | +17 27.6 | 1.596 | 2.542 | 9.2 | 18.2 |
| 10 18 | 2 8.94 | +18 20.1 | 1.896 | 2.877 | 4.3 | 18.2 | 10 18 | 2 11.05 | +17 5.1 | 1.559 | 2.542 | 4.7 | 17.9 |
| 10 28 | 2 0.89 | +17 47.7 | 1.888 | 2.878 | 1.8 | 18.0 | 10 28 | 2 0.43 | +16 32.3 | 1.550 | 2.542 | 1.6 | 17.7 |
| 11 7 | 1 53.08 | +17 10.2 | 1.907 | 2.880 | 4.6 | 18.2 | 11 7 | 1 50.12 | +15 54.1 | 1.570 | 2.542 | 5.5 | 18.0 |
| 11 17 | 1 46.41 | +16 32.5 | 1.955 | 2.883 | 8.2 | 18.4 | 11 17 | 1 41.30 | +15 16.8 | 1.616 | 2.542 | 9.9 | 18.2 |
| 11 27 | 1 41.58 | +16 0.0 | 2.027 | 2.885 | 11.6 | 18.6 | 11 27 | 1 34.87 | +14 46.5 | 1.688 | 2.540 | 13.8 | 18.5 |
| 228840 | 2003 <i>EV</i> ₁₉ | 10 26.1 | 260°00 | 1°4/27.1 | 18 | | 115159 | 2003 <i>SP</i> ₇₅ | 10 26.1 | 202°32 | 4°3/29.1 | 18 | |
| 9 18 | 2 30.22 | +17 54.7 | 1.798 | 2.601 | 16.1 | 21.3 | 9 18 | 2 34.44 | +23 48.8 | 2.009 | 2.774 | 15.9 | 20.0 |
| 9 28 | 2 26.04 | +17 46.6 | 1.700 | 2.585 | 12.9 | 21.1 | 9 28 | 2 29.11 | +24 31.0 | 1.918 | 2.772 | 13.1 | 19.8 |
| 10 8 | 2 19.27 | +17 23.8 | 1.622 | 2.568 | 9.0 | 20.8 | 10 8 | 2 21.21 | +24 59.3 | 1.848 | 2.770 | 9.8 | 19.6 |
| 10 18 | 2 10.44 | +16 46.9 | 1.568 | 2.552 | 4.6 | 20.5 | 10 18 | 2 11.31 | +25 11.3 | 1.803 | 2.767 | 6.5 | 19.4 |
| 10 28 | 2 0.51 | +15 58.8 | 1.542 | 2.534 | 1.4 | 20.3 | 10 28 | 2 0.36 | +25 6.6 | 1.785 | 2.764 | 4.4 | 19.3 |
| 11 7 | 1 50.69 | +15 5.3 | 1.544 | 2.517 | 5.5 | 20.5 | 11 7 | 1 49.58 | +24 47.7 | 1.796 | 2.761 | 5.8 | 19.3 |
| 11 17 | 1 42.16 | +14 13.2 | 1.573 | 2.499 | 10.1 | 20.7 | 11 17 | 1 40.12 | +24 19.4 | 1.835 | 2.758 | 9.0 | 19.5 |
| 11 27 | 1 35.89 | +13 29.3 | 1.627 | 2.481 | 14.1 | 20.9 | 11 27 | 1 32.90 | +23 48.4 | 1.899 | 2.754 | 12.4 | 19.7 |
| 137121 | 1999 <i>BJ</i> ₁₁ | 10 26.1 | 236°91 | 1°7/24.6 | 18 | | 221664 | 2007 <i>CK</i> ₄₀ | 10 26.1 | 132°74 | 3°9/30.2 | 18 | |
| 9 18 | 2 27.30 | + 9 48.9 | 2.200 | 3.017 | 13.0 | 20.9 | 9 18 | 2 29.32 | +27 12.4 | 2.588 | 3.329 | 13.3 | 20.7 |
| 9 28 | 2 23.06 | + 9 13.8 | 2.110 | 3.009 | 10.1 | 20.7 | 9 28 | 2 24.42 | +27 25.1 | 2.504 | 3.339 | 11.0 | 20.6 |
| 10 8 | 2 16.85 | + 8 31.0 | 2.044 | 3.000 | 6.7 | 20.4 | 10 8 | 2 17.66 | +27 23.2 | 2.441 | 3.349 | 8.4 | 20.4 |
| 10 18 | 2 9.19 | + 7 43.6 | 2.003 | 2.991 | 3.1 | 20.2 | 10 18 | 2 9.53 | +27 5.7 | 2.403 | 3.358 | 5.7 | 20.3 |
| 10 28 | 2 0.83 | + 6 56.1 | 1.992 | 2.981 | 2.2 | 20.1 | 10 28 | 2 0.81 | +26 33.7 | 2.393 | 3.367 | 4.0 | 20.2 |
| 11 7 | 1 52.66 | + 6 13.5 | 2.010 | 2.972 | 5.6 | 20.3 | 11 7 | 1 52.35 | +25 50.4 | 2.413 | 3.376 | 4.7 | 20.3 |
| 11 17 | 1 45.51 | + 5 40.4 | 2.056 | 2.962 | 9.2 | 20.5 | 11 17 | 1 44.93 | +25 0.3 | 2.462 | 3.384 | 7.1 | 20.4 |
| 11 27 | 1 40.09 | + 5 20.1 | 2.127 | 2.951 | 12.4 | 20.7 | 11 27 | 1 39.19 | +24 9.1 | 2.538 | 3.392 | 9.7 | 20.6 |
| 169029 | 2001 <i>ES</i> ₇ | 10 26.1 | 228°96 | 1°9/27.6 | 18 | | 444639 | 2006 <i>WP</i> ₂₀₅ | 10 26.1 | 342°76 | 1°9/24.6 | 18 | |
| 9 18 | 2 31.19 | +18 57.6 | 2.172 | 2.957 | 14.2 | 21.1 | 9 18 | 2 26.57 | + 9 37.1 | 1.839 | 2.669 | 14.7 | 20.9 |
| 9 28 | 2 26.28 | +19 4.9 | 2.074 | 2.947 | 11.4 | 20.9 | 9 28 | 2 22.83 | + 9 6.5 | 1.761 | 2.666 | 11.4 | 20.7 |
| 10 8 | 2 19.15 | +19 0.3 | 1.998 | 2.938 | 8.1 | 20.7 | 10 8 | 2 16.86 | + 8 27.7 | 1.704 | 2.663 | 7.6 | 20.4 |
| 10 18 | 2 10.29 | +18 43.7 | 1.948 | 2.927 | 4.4 | 20.5 | 10 18 | 2 9.25 | + 7 44.2 | 1.673 | 2.661 | 3.5 | 20.2 |
| 10 28 | 2 0.56 | +18 16.8 | 1.926 | 2.917 | 1.9 | 20.3 | 10 28 | 2 0.88 | + 7 1.2 | 1.669 | 2.659 | 2.4 | 20.1 |
| 11 7 | 1 50.96 | +17 43.4 | 1.934 | 2.905 | 4.7 | 20.5 | 11 7 | 1 52.79 | + 6 24.4 | 1.693 | 2.657 | 6.2 | 20.3 |
| 11 17 | 1 42.47 | +17 8.3 | 1.970 | 2.894 | 8.5 | 20.7 | 11 17 | 1 45.94 | + 5 58.4 | 1.744 | 2.655 | 10.2 | 20.6 |
| 11 27 | 1 35.91 | +16 37.0 | 2.032 | 2.882 | 11.9 | 20.9 | 11 27 | 1 41.07 | + 5 46.8 | 1.818 | 2.654 | 13.7 | 20.8 |
| 358270 | 2006 <i>TZ</i> ₁₁₀ | 10 26.1 | 4°35 | 3°5/23.4 | 18 | | 377526 | 2005 <i>GF</i> ₇₈ | 10 26.1 | 122°00 | 7°9/21.1 | 18 | |
| 9 18 | 2 25.96 | + 6 17.6 | 1.719 | 2.559 | 15.1 | 21.1 | 9 18 | 2 32.42 | + 4 0.6 | 1.483 | 2.325 | 17.0 | 20.6 |
| 9 28 | 2 22.42 | + 5 29.2 | 1.648 | 2.559 | 11.7 | 20.8 | 9 28 | 2 27.69 | + 5 4.8 | 1.424 | 2.329 | 13.6 | 20.4 |
| 10 8 | 2 16.60 | + 4 34.2 | 1.599 | 2.559 | 7.8 | 20.6 | 10 8 | 2 20.23 | + 6 5.9 | 1.386 | 2.333 | 10.2 | 20.2 |
| 10 18 | 2 9.11 | + 3 38.1 | 1.574 | 2.560 | 4.3 | 20.4 | 10 18 | 2 10.78 | + 6 55.1 | 1.372 | 2.337 | 8.0 | 20.1 |
| 10 28 | 2 0.88 | + 2 47.4 | 1.577 | 2.560 | 4.1 | 20.4 | 10 28 | 2 0.53 | + 7 24.4 | 1.384 | 2.340 | 8.6 | 20.1 |
| 11 7 | 1 52.99 | + 2 8.3 | 1.607 | 2.562 | 7.5 | 20.6 | 11 7 | 1 50.81 | + 7 28.5 | 1.421 | 2.343 | 11.4 | 20.3 |
| 11 17 | 1 46.41 | + 1 45.4 | 1.662 | 2.563 | 11.3 | 20.8 | 11 17 | 1 42.77 | + 7 6.0 | 1.481 | 2.347 | 14.7 | 20.5 |
| 11 27 | 1 41.90 | + 1 41.0 | 1.741 | 2.565 | 14.7 | 21.1 | 11 27 | 1 37.24 | + 6 18.8 | 1.562 | 2.350 | 17.8 | 20.8 |
| 342502 | 2008 <i>UN</i> ₁₇₆ | 10 26.1 | 38°13 | 0°9/26.4 | 16 | | 327113 | 2005 <i>CG</i> ₆₅ | 10 26.1 | 294°99 | 4°0/23.5 | 18 | |
| 9 18 | 2 38.78 | +11 32.0 | 1.190 | 2.023 | 20.9 | 20.4 | 9 18 | 2 29.78 | + 6 22.2 | 1.360 | 2.208 | 17.9 | 20.4 |
| 9 28 | 2 33.13 | +12 29.2 | 1.143 | 2.046 | 16.3 | 20.2 | 9 28 | 2 26.11 | + 5 35.3 | 1.288 | 2.202 | 14.0 | 20.2 |
| 10 8 | 2 24.06 | +13 17.9 | 1.115 | 2.071 | 11.0 | 20.0 | 10 8 | 2 19.47 | + 4 40.0 | 1.235 | 2.197 | 9.4 | 19.9 |
| 10 18 | 2 12.52 | +13 57.3 | 1.109 | 2.096 | 5.1 | 19.8 | 10 18 | 2 10.56 | + 3 42.5 | 1.206 | 2.191 | 5.1 | 19.6 |
| 10 28 | 2 0.11 | +14 28.2 | 1.129 | 2.122 | 1.3 | 19.6 | 10 28 | 2 0.57 | + 2 51.1 | 1.202 | 2.186 | 4.8 | 19.6 |
| 11 7 | 1 48.59 | +14 53.4 | 1.176 | 2.149 | 6.7 | 20.0 | 11 7 | 1 50.95 | + 2 13.8 | 1.223 | 2.181 | 9.0 | 19.8 |
| 11 17 | 1 39.40 | +15 16.9 | 1.247 | 2.177 | 11.7 | 20.4 | 11 17 | 1 43.02 | + 1 56.1 | 1.269 | 2.176 | 13.6 | 20.1 |
| 11 27 | 1 33.45 | +15 43.1 | 1.341 | 2.205 | 15.9 | 20.7 | 11 27 | | | | | | |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 275556 | 1999 <i>RT</i> ₂₉ | 10 26.1 | 53°70 | 5°2/21.5 | 18 | | 422290 | 2014 <i>SR</i> ₁₅₆ | 10 26.1 | 127°74 | 1°2/27.2 | 18 | |
| 9 18 | 2 26.29 | + 6 45.5 | 1.413 | 2.264 | 17.2 | 19.0 | 9 18 | 2 28.45 | +17 4.7 | 2.533 | 3.320 | 12.4 | 20.8 |
| 9 28 | 2 22.78 | + 4 41.2 | 1.370 | 2.288 | 13.1 | 18.8 | 9 28 | 2 23.70 | +17 13.3 | 2.448 | 3.324 | 9.8 | 20.6 |
| 10 8 | 2 16.78 | + 2 28.6 | 1.350 | 2.312 | 8.8 | 18.7 | 10 8 | 2 17.18 | +17 12.8 | 2.385 | 3.327 | 6.8 | 20.4 |
| 10 18 | 2 9.12 | + 0 18.6 | 1.355 | 2.336 | 5.6 | 18.6 | 10 18 | 2 9.35 | +17 3.8 | 2.349 | 3.331 | 3.5 | 20.2 |
| 10 28 | 2 0.95 | + 1 36.9 | 1.387 | 2.361 | 6.2 | 18.7 | 10 28 | 2 0.92 | +16 48.1 | 2.342 | 3.334 | 1.3 | 20.0 |
| 11 7 | 1 53.46 | + 3 8.4 | 1.445 | 2.386 | 9.6 | 18.9 | 11 7 | 1 52.70 | +16 28.5 | 2.366 | 3.337 | 4.0 | 20.3 |
| 11 17 | 1 47.60 | + 4 10.6 | 1.528 | 2.411 | 13.3 | 19.2 | 11 17 | 1 45.43 | +16 8.7 | 2.418 | 3.340 | 7.2 | 20.5 |
| 11 27 | 1 44.03 | + 4 42.6 | 1.632 | 2.436 | 16.5 | 19.5 | 11 27 | 1 39.73 | +15 52.2 | 2.497 | 3.343 | 10.1 | 20.7 |
| 109748 | 2001 <i>RJ</i> ₆₈ | 10 26.1 | 52°33 | 2°4/28.2 | 18 | | 24555 | 2839 <i>P-L</i> | 10 26.1 | 164°37 | 1°0/26.9 | 18 | |
| 9 18 | 2 27.67 | +21 15.4 | 1.933 | 2.724 | 15.5 | 19.9 | 9 18 | 2 30.16 | +17 10.7 | 2.108 | 2.903 | 14.3 | 20.1 |
| 9 28 | 2 23.69 | +21 11.0 | 1.853 | 2.728 | 12.5 | 19.7 | 9 28 | 2 25.38 | +17 1.9 | 2.025 | 2.906 | 11.3 | 19.9 |
| 10 8 | 2 17.44 | +20 50.9 | 1.793 | 2.731 | 8.9 | 19.5 | 10 8 | 2 18.46 | +16 41.1 | 1.964 | 2.910 | 7.8 | 19.7 |
| 10 18 | 2 9.52 | +20 15.6 | 1.758 | 2.735 | 5.1 | 19.2 | 10 18 | 2 9.98 | +16 9.6 | 1.929 | 2.912 | 3.9 | 19.5 |
| 10 28 | 2 0.83 | +19 27.9 | 1.750 | 2.739 | 2.4 | 19.1 | 10 28 | 2 0.78 | +15 30.4 | 1.922 | 2.915 | 1.1 | 19.3 |
| 11 7 | 1 52.46 | +18 33.0 | 1.770 | 2.743 | 4.9 | 19.2 | 11 7 | 1 51.87 | +14 48.1 | 1.945 | 2.917 | 4.7 | 19.6 |
| 11 17 | 1 45.36 | +17 37.3 | 1.818 | 2.747 | 8.7 | 19.5 | 11 17 | 1 44.14 | +14 7.8 | 1.996 | 2.918 | 8.5 | 19.8 |
| 11 27 | 1 40.31 | +16 47.3 | 1.891 | 2.751 | 12.2 | 19.7 | 11 27 | 1 38.33 | +13 34.6 | 2.073 | 2.920 | 11.8 | 20.0 |
| 394519 | 2007 <i>TJ</i> ₃₁₃ | 10 26.1 | 345°43 | 2°2/24.7 | 18 | | 227789 | 2006 <i>XG</i> ₅₈ | 10 26.1 | 50°74 | 1°8/25.0 | 18 | |
| 9 18 | 2 27.82 | + 8 27.9 | 1.532 | 2.372 | 16.6 | 20.9 | 9 18 | 2 31.84 | + 9 57.6 | 1.274 | 2.117 | 19.2 | 19.7 |
| 9 28 | 2 24.28 | + 8 9.7 | 1.456 | 2.367 | 12.9 | 20.6 | 9 28 | 2 27.58 | + 9 39.5 | 1.222 | 2.133 | 14.8 | 19.5 |
| 10 8 | 2 18.10 | + 7 43.8 | 1.401 | 2.362 | 8.6 | 20.4 | 10 8 | 2 20.30 | + 9 11.5 | 1.189 | 2.150 | 9.8 | 19.3 |
| 10 18 | 2 9.89 | + 7 14.2 | 1.370 | 2.358 | 4.1 | 20.1 | 10 18 | 2 10.85 | + 8 38.1 | 1.178 | 2.167 | 4.4 | 19.0 |
| 10 28 | 2 0.74 | + 6 46.1 | 1.365 | 2.354 | 2.8 | 20.0 | 10 28 | 2 0.60 | + 8 5.3 | 1.193 | 2.184 | 2.5 | 19.0 |
| 11 7 | 1 51.89 | + 6 25.4 | 1.386 | 2.351 | 7.1 | 20.3 | 11 7 | 1 51.06 | + 7 39.8 | 1.234 | 2.202 | 7.4 | 19.3 |
| 11 17 | 1 44.52 | + 6 16.7 | 1.433 | 2.349 | 11.6 | 20.5 | 11 17 | 1 43.45 | + 7 26.7 | 1.299 | 2.220 | 12.2 | 19.6 |
| 11 27 | 1 39.53 | + 6 23.2 | 1.501 | 2.347 | 15.6 | 20.8 | 11 27 | 1 38.65 | + 7 29.4 | 1.386 | 2.238 | 16.2 | 19.9 |
| 54069 | 2000 <i>GM</i> ₁₄₂ | 10 26.1 | 244°63 | 5°0/22.1 | 18 | | 41118 | 1999 <i>V7</i> ₈₇ | 10 26.1 | 31°40 | 6°1/20.9 | 18 | |
| 9 18 | 2 28.84 | + 0 5.5 | 1.984 | 2.816 | 13.7 | 19.4 | 9 18 | 2 25.67 | + 2 12.6 | 1.899 | 2.740 | 13.8 | 18.1 |
| 9 28 | 2 24.36 | + 0 38.3 | 1.909 | 2.812 | 10.8 | 19.2 | 9 28 | 2 21.89 | + 3 15.3 | 1.841 | 2.747 | 10.9 | 17.9 |
| 10 8 | 2 17.77 | + 0 22.8 | 1.856 | 2.807 | 7.6 | 19.0 | 10 8 | 2 16.08 | + 4 16.6 | 1.805 | 2.754 | 8.0 | 17.7 |
| 10 18 | 2 9.64 | + 2 2.7 | 1.829 | 2.803 | 5.3 | 18.9 | 10 18 | 2 8.86 | + 5 10.1 | 1.794 | 2.761 | 6.2 | 17.7 |
| 10 28 | 2 0.81 | + 2 32.1 | 1.829 | 2.799 | 5.5 | 18.9 | 10 28 | 2 1.06 | + 5 49.4 | 1.810 | 2.768 | 6.7 | 17.7 |
| 11 7 | 1 52.25 | + 2 46.6 | 1.858 | 2.794 | 8.2 | 19.0 | 11 7 | 1 53.65 | + 6 9.9 | 1.853 | 2.776 | 9.1 | 17.9 |
| 11 17 | 1 44.87 | + 2 43.5 | 1.912 | 2.789 | 11.3 | 19.2 | 11 17 | 1 47.43 | + 6 9.6 | 1.920 | 2.784 | 11.9 | 18.1 |
| 11 27 | 1 39.38 | + 2 22.3 | 1.990 | 2.785 | 14.3 | 19.4 | 11 27 | 1 43.07 | + 5 48.5 | 2.009 | 2.792 | 14.6 | 18.3 |
| 349089 | 2007 <i>DZ</i> ₈₉ | 10 26.1 | 211°54 | 1°7/24.8 | 18 | | 322210 | 2011 <i>AQ</i> ₃₁ | 10 26.1 | 193°28 | 3°5/29.6 | 17 | |
| 9 18 | 2 30.21 | +10 38.6 | 1.927 | 2.745 | 14.6 | 22.0 | 9 18 | 2 27.49 | +25 22.6 | 2.537 | 3.292 | 13.2 | 21.6 |
| 9 28 | 2 25.60 | +10 1.4 | 1.841 | 2.739 | 11.4 | 21.8 | 9 28 | 2 23.13 | +25 31.6 | 2.444 | 3.291 | 10.8 | 21.4 |
| 10 8 | 2 18.71 | + 9 14.6 | 1.777 | 2.733 | 7.5 | 21.6 | 10 8 | 2 16.89 | +25 26.6 | 2.373 | 3.290 | 8.1 | 21.2 |
| 10 18 | 2 10.11 | + 8 21.7 | 1.739 | 2.727 | 3.5 | 21.3 | 10 18 | 2 9.26 | +25 7.0 | 2.327 | 3.289 | 5.3 | 21.1 |
| 10 28 | 2 0.69 | + 7 27.8 | 1.730 | 2.720 | 2.2 | 21.2 | 10 28 | 2 0.97 | +24 33.9 | 2.309 | 3.288 | 3.5 | 20.9 |
| 11 7 | 1 51.52 | + 6 39.2 | 1.749 | 2.712 | 6.2 | 21.5 | 11 7 | 1 52.87 | +23 50.6 | 2.320 | 3.287 | 4.5 | 21.0 |
| 11 17 | 1 43.59 | + 6 1.0 | 1.796 | 2.704 | 10.2 | 21.7 | 11 17 | 1 45.75 | +23 1.7 | 2.360 | 3.285 | 7.2 | 21.2 |
| 11 27 | 1 37.67 | + 5 37.4 | 1.868 | 2.696 | 13.7 | 21.9 | 11 27 | 1 40.27 | +22 12.7 | 2.427 | 3.284 | 10.0 | 21.4 |
| 453438 | 2009 <i>QK</i> ₃₀ | 10 26.1 | 39°10 | 1°7/27.7 | 15 | | 486254 | 2013 <i>BO</i> ₄₂ | 10 26.1 | 258°97 | 6°1/31.3 | 18 | |
| 9 18 | 2 26.11 | +23 19.0 | 1.552 | 2.354 | 18.2 | 20.3 | 9 18 | 2 30.50 | +30 36.2 | 2.084 | 2.821 | 16.2 | 21.3 |
| 9 28 | 2 22.53 | +22 8.6 | 1.505 | 2.388 | 14.4 | 20.1 | 9 28 | 2 26.20 | +31 7.1 | 1.983 | 2.810 | 13.8 | 21.1 |
| 10 8 | 2 16.54 | +20 35.8 | 1.478 | 2.422 | 9.9 | 19.9 | 10 8 | 2 19.38 | +31 19.2 | 1.901 | 2.798 | 11.0 | 20.9 |
| 10 18 | 2 8.99 | +18 45.2 | 1.475 | 2.457 | 5.2 | 19.7 | 10 18 | 2 10.55 | +31 9.7 | 1.843 | 2.786 | 8.2 | 20.7 |
| 10 28 | 2 1.01 | +16 45.2 | 1.500 | 2.492 | 1.7 | 19.6 | 10 28 | 2 0.65 | +30 37.5 | 1.810 | 2.773 | 6.2 | 20.6 |
| 11 7 | 1 53.75 | +14 46.3 | 1.553 | 2.527 | 5.2 | 19.9 | 11 7 | 1 50.86 | +29 45.6 | 1.805 | 2.761 | 6.7 | 20.6 |
| 11 17 | 1 48.13 | +12 58.3 | 1.634 | 2.563 | 9.4 | 20.2 | 11 17 | 1 42.33 | +28 40.0 | 1.827 | 2.748 | 9.2 | 20.7 |
| 11 27 | 1 44.74 | +11 28.7 | 1.739 | 2.599 | 13.0 | 20.5 | 11 27 | 1 35.99 | +27 29.1 | 1.874 | 2.735 | 12.2 | 20.9 |
| 461195 | 2015 <i>VV</i> ₁₀₂ | 10 26.1 | 38°20 | 3°9/23.6 | 17 | | 384342 | 2009 <i>TW</i> ₁₀ | 10 26.1 | 323°19 | 0°1/26.1 | 18 | |
| 9 18 | 2 30.31 | + 2 26.7 | 1.754 | 2.589 | 15.1 | 20.7 | 9 18 | 2 27.04 | +13 27.7 | 1.273 | 2.118 | 19.1 | 20.7 |
| 9 28 | 2 25.56 | + 2 12.0 | 1.697 | 2.603 | 11.7 | 20.5 | 9 28 | 2 24.52 | +13 26.7 | 1.188 | 2.100 | 15.1 | 20.4 |
| 10 8 | 2 18.55 | + 1 56.6 | 1.661 | 2.617 | 8.0 | 20.4 | 10 8 | 2 18.81 | +13 12.2 | 1.122 | 2.082 | 10.3 | 20.1 |
| 10 18 | 2 9.95 | + 1 44.6 | 1.650 | 2.632 | 4.6 | 20.2 | 10 18 | 2 10.46 | +12 45.9 | 1.077 | 2.065 | 4.8 | 19.7 |
| 10 28 | 2 0.76 | + 1 40.6 | 1.667 | 2.647 | 4.3 | 20.2 | 10 28 | 2 0.67 | +12 12.3 | 1.056 | 2.049 | 1.2 | 19.4 |
| 11 7 | 1 52.05 | + 1 47.8 | 1.711 | 2.663 | 7.4 | 20.4 | 11 7 | 1 51.01 | +11 38.3 | 1.060 | 2.034 | 7.2 | 19.8 |
| 11 17 | 1 44.75 | + 2 8.1 | 1.781 | 2.679 | 10.9 | 20.7 | 11 17 | 1 43.02 | +11 11.5 | 1.088 | 2.020 | 12.8 | 20.1 |
| 11 27 | 1 39.57 | + 2 42.1 | 1.875 | 2.696 | 14.0 | 20.9 | 11 27 | 1 37.92 | +10 58.5 | 1.137 | 2.007 | 17.7 | 20.3 |
| 222403 | Bethchristie | 10 26.1 | 243°79 | 0°2/26.3 | 17 | | 135769 | 2002 <i>RJ</i> ₃₅ | 10 26.1 | 11°85 | 3°6/28.0 | 18 | |
| 9 18 | 2 26.04 | +15 14.9 | 2.493 | 3.292 | 12.2 | 21.5 | 9 18 | 2 30.65 | +18 56.6 | 1.405 | 2.222 | 19.1 | 18.6 |
| 9 28 | 2 21.91 | +14 55.4 | 2.398 | 3.283 | 9.6 | 21.3 | 9 28 | 2 26.91 | +19 48.3 | 1.335 | 2.225 | 15.4 | 18.4 |
| 10 8 | 2 16.03 | +14 26.2 | 2.325 | 3.275 | 6.5 | 21.1 | 10 8 | 2 20.11 | +20 26.1 | 1.285 | 2.229 | 11.0 | 18.2 |
| 10 18 | 2 8.84 | +13 49.0 | 2.280 | 3.266 | 3.0 | 20.9 | 10 18 | 2 10.92 | +20 48.1 | 1.257 | 2.235 | 6.5 | 17.9 |
| 10 28 | 2 1.02 | +13 6.8 | 2.263 | 3.256 | 0.7 | 20.7 | 10 28 | 2 0.59 | +20 54.4 | 1.254 | 2.242 | 3.6 | 17.8 |
| 11 7 | 1 53.35 | +12 23.7 | 2.277 | 3.247 | 4.2 | 20.9 | 11 7 | 1 50.64 | +20 48.6 | 1.276 | 2.249 | 6.4 | 18.0 |
| 11 17 | 1 46.58 | +11 44.1 | 2.319 | 3.237 | 7.7 | 21.1 | 11 17 | 1 42.45 | +20 36.3 | 1.324 | 2.258 | 10.8 | 18.3 |
| 11 27 | 1 41.34 | +11 12.0 | 2.387 | 3.228 | 10.7 | 21.3 | 11 27 | 1 37.06 | +20 24.7 | 1.395 | 2.268 | 14.9 | 18.5 |
| 119160 | 2001 <i>QT</i> ₂₃ | 10 26.1 | 66°06 | 2°3/24.7 | 18 | | 265850 | 2005 <i>YQ</i> ₉₂ | 10 26.1 | 274°84 | 0°8/26.9 | 18 | |
| 9 18 | 2 32.62 | + 9 32.2 | 1.398 | 2.234 | 18.2 | 19.8 | 9 18 | 2 26.01 | +17 8.8 | 2.253 | 3.052 | 13.4 | 21.5 |
| 9 28 | 2 27.78 | + 8 58.4 | 1.350 | 2.258 | 13.9 | 19.6 | 9 28 | 2 22.12 | +16 52.4 | 2.161 | 3.045 | 10.6 | 21.3 |
| 10 8 | 2 20.19 | + 8 15.6 | 1.322 | 2.282 | 9.2 | 19.4 | 10 8 | 2 16.29 | +16 24.2 | 2.091 | 3.038 | 7.2 | 21.0 |
| 10 18 | 2 10.71 | + 7 28.8 | 1.318 | 2.306 | 4.2 | 19.2 | 10 18 | 2 9.01 | +15 45.8 | 2.047 | 3.031 | 3.6 | 20.8 |
| 10 28 | 2 0.62 | + 6 44.5 | 1.340 | 2.330 | 2.9 | 19.2 | 10 28 | 2 1.04 | +15 0.2 | 2.031 | 3.024 | 0.9 | 20.6 |
| 11 7 | 1 51.26 | + 6 9.5 | 1.389 | 2.354 | 7.2 | 19.5 | 11 7 | 1 53.25 | +14 11.9 | 2.045 | 3.017 | 4.4 | 20.8 |
| 11 17 | 1 43.75 | + 5 48.5 | 1.464 | 2.378 | 11.6 | 19.8 | 11 17 | 1 46.47 | +13 26.2 | 2.087 | 3.010 | 8.1 | 21.1 |
| 11 27 | 1 38.82 | + 5 44.3 | 1.561 | 2.401 | 15.3 | 20.1 | 11 27 | 1 41.39 | +12 47.7 | | | | |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|--------------|-------|---------|------|---------------|-------------------------------|-----------------|-------------|-------|---------|------|
| 137637 | 1999 <i>WS</i> ₁₀ | 10 26.1 222°46 | 1°2/27.1 17 | | | | 159969 | 2006 <i>BJ</i> ₆₂ | 10 26.1 213°27 | 6°7/19.6 18 | | | |
| 9 18 | 2 30.38 | +19 9.6 | 1.857 | 2.653 | 15.9 | 21.5 | 9 18 | 2 27.60 | − 8 49.4 | 2.463 | 3.283 | 11.7 | 20.0 |
| 9 28 | 2 26.00 | +18 41.8 | 1.763 | 2.644 | 12.7 | 21.3 | 9 28 | 2 22.96 | − 9 41.0 | 2.395 | 3.280 | 9.6 | 19.8 |
| 10 8 | 2 19.15 | +17 57.2 | 1.691 | 2.635 | 8.8 | 21.0 | 10 8 | 2 16.64 | −10 27.3 | 2.351 | 3.278 | 7.7 | 19.7 |
| 10 18 | 2 10.40 | +16 57.0 | 1.643 | 2.626 | 4.5 | 20.8 | 10 18 | 2 9.10 | −11 2.9 | 2.333 | 3.275 | 6.7 | 19.6 |
| 10 28 | 2 0.71 | +15 45.4 | 1.623 | 2.616 | 1.3 | 20.5 | 10 28 | 2 1.06 | −11 23.0 | 2.343 | 3.272 | 7.3 | 19.7 |
| 11 7 | 1 51.26 | +14 29.1 | 1.633 | 2.605 | 5.3 | 20.8 | 11 7 | 1 53.28 | −11 24.5 | 2.379 | 3.269 | 9.0 | 19.8 |
| 11 17 | 1 43.11 | +13 15.8 | 1.670 | 2.594 | 9.7 | 21.0 | 11 17 | 1 46.46 | −11 6.4 | 2.441 | 3.266 | 11.1 | 19.9 |
| 11 27 | 1 37.16 | +12 13.1 | 1.732 | 2.582 | 13.6 | 21.2 | 11 27 | 1 41.18 | −10 29.6 | 2.526 | 3.263 | 13.1 | 20.0 |
| 331425 | 2012 <i>GC</i> ₁ | 10 26.1 192°43 | 4°6/1.3 18 | | | | 116545 | 2004 <i>BE</i> ₇₃ | 10 26.1 93°21 | 3°4/23.2 18 | | | |
| 9 18 | 2 27.11 | +33 20.4 | 2.999 | 3.700 | 12.4 | 20.5 | 9 18 | 2 26.93 | + 6 14.7 | 1.898 | 2.730 | 14.2 | 19.8 |
| 9 28 | 2 22.60 | +33 9.7 | 2.897 | 3.698 | 10.6 | 20.3 | 9 28 | 2 22.94 | + 5 19.2 | 1.828 | 2.735 | 10.9 | 19.6 |
| 10 8 | 2 16.40 | +32 42.0 | 2.816 | 3.696 | 8.4 | 20.2 | 10 8 | 2 16.85 | + 4 17.6 | 1.781 | 2.739 | 7.3 | 19.4 |
| 10 18 | 2 9.00 | +31 56.5 | 2.760 | 3.693 | 6.3 | 20.0 | 10 18 | 2 9.26 | + 3 15.1 | 1.760 | 2.744 | 4.1 | 19.2 |
| 10 28 | 2 1.06 | +30 54.0 | 2.732 | 3.690 | 4.8 | 19.9 | 10 28 | 2 1.03 | + 2 18.0 | 1.767 | 2.748 | 4.0 | 19.2 |
| 11 7 | 1 53.34 | +29 38.0 | 2.734 | 3.687 | 4.9 | 19.9 | 11 7 | 1 53.14 | + 1 32.2 | 1.801 | 2.753 | 7.1 | 19.4 |
| 11 17 | 1 46.56 | +28 13.4 | 2.765 | 3.683 | 6.6 | 20.0 | 11 17 | 1 46.48 | + 1 2.2 | 1.862 | 2.757 | 10.7 | 19.6 |
| 11 27 | 1 41.28 | +26 46.3 | 2.825 | 3.679 | 8.8 | 20.2 | 11 27 | 1 41.72 | + 0 50.1 | 1.947 | 2.762 | 13.8 | 19.8 |
| 1828 | Kashirina | 10 26.1 345°68 | 3°5/22.6 18 | R | | | 434063 | 2001 <i>VC</i> ₆₅ | 10 26.1 3°87 | 1°1/26.7 18 | | | |
| 9 18 | 2 22.50 | + 7 27.0 | 1.920 | 2.758 | 13.8 | 15.7 | 9 18 | 2 28.30 | +14 5.0 | 1.141 | 1.990 | 20.6 | 19.9 |
| 9 28 | 2 19.57 | + 6 5.5 | 1.843 | 2.754 | 10.6 | 15.5 | 9 28 | 2 25.59 | +14 33.2 | 1.076 | 1.988 | 16.3 | 19.6 |
| 10 8 | 2 14.64 | + 4 34.9 | 1.790 | 2.750 | 7.1 | 15.3 | 10 8 | 2 19.49 | +14 48.9 | 1.029 | 1.988 | 11.2 | 19.3 |
| 10 18 | 2 8.26 | + 3 1.5 | 1.763 | 2.747 | 4.0 | 15.1 | 10 18 | 2 10.72 | +14 52.4 | 1.002 | 1.990 | 5.4 | 19.0 |
| 10 28 | 2 1.23 | + 1 32.9 | 1.764 | 2.744 | 4.2 | 15.1 | 10 28 | 2 0.67 | +14 46.7 | 1.000 | 1.993 | 1.4 | 18.8 |
| 11 7 | 1 54.47 | + 0 16.7 | 1.792 | 2.741 | 7.4 | 15.3 | 11 7 | 1 51.07 | +14 37.1 | 1.021 | 1.997 | 6.9 | 19.2 |
| 11 17 | 1 48.81 | − 0 41.5 | 1.848 | 2.739 | 10.9 | 15.5 | 11 17 | 1 43.47 | +14 30.0 | 1.065 | 2.002 | 12.4 | 19.5 |
| 11 27 | 1 44.93 | − 1 18.3 | 1.926 | 2.737 | 14.1 | 15.7 | 11 27 | 1 38.98 | +14 31.3 | 1.131 | 2.009 | 17.1 | 19.8 |
| 267721 | 2003 <i>CL</i> ₁₁ | 10 26.1 5°39 | 22°2/6.0 17 | | | | 467644 | 2008 <i>SQ</i> ₉₀ | 10 26.1 355°26 | 1°1/24.1 16 | | | |
| 9 18 | 2 43.60 | +43 49.3 | 0.994 | 1.722 | 30.7 | 19.6 | 9 18 | 2 18.32 | +10 18.9 | 4.051 | 4.858 | 7.7 | 20.7 |
| 9 28 | 2 41.31 | +47 39.7 | 0.939 | 1.721 | 28.5 | 19.4 | 9 28 | 2 15.25 | + 9 22.7 | 3.963 | 4.857 | 5.9 | 20.6 |
| 10 8 | 2 32.85 | +51 2.0 | 0.896 | 1.721 | 26.2 | 19.2 | 10 8 | 2 11.25 | + 8 21.5 | 3.902 | 4.857 | 3.9 | 20.4 |
| 10 18 | 2 18.04 | +53 36.2 | 0.867 | 1.722 | 24.1 | 19.1 | 10 18 | 2 6.59 | + 7 17.7 | 3.869 | 4.856 | 1.8 | 20.3 |
| 10 28 | 2 15.82 | +55 2.9 | 0.852 | 1.724 | 22.7 | 19.0 | 10 28 | 2 1.66 | + 6 14.2 | 3.868 | 4.856 | 1.5 | 20.3 |
| 11 7 | 1 38.87 | +55 14.3 | 0.853 | 1.727 | 22.2 | 19.0 | 11 7 | 1 56.84 | + 5 14.2 | 3.899 | 4.856 | 3.4 | 20.4 |
| 11 17 | 1 22.92 | +54 18.3 | 0.870 | 1.730 | 22.9 | 19.1 | 11 17 | 1 52.53 | + 4 20.4 | 3.959 | 4.855 | 5.5 | 20.6 |
| 11 27 | 1 13.90 | +52 36.7 | 0.900 | 1.735 | 24.3 | 19.2 | 11 27 | 1 49.04 | + 3 35.1 | 4.047 | 4.855 | 7.3 | 20.7 |
| 129901 | 1999 <i>TM</i> ₅₃ | 10 26.1 102°10 | 3°1/28.2 18 | | | | 442900 | 2013 <i>CH</i> ₉ | 10 26.1 294°88 | 2°5/23.9 18 | | | |
| 9 18 | 2 36.47 | +20 29.6 | 1.934 | 2.711 | 16.0 | 19.8 | 9 18 | 2 24.92 | +10 13.5 | 1.787 | 2.620 | 14.9 | 21.3 |
| 9 28 | 2 30.45 | +21 4.7 | 1.863 | 2.728 | 12.9 | 19.6 | 9 28 | 2 21.75 | + 9 9.7 | 1.698 | 2.605 | 11.6 | 21.0 |
| 10 8 | 2 21.93 | +21 26.8 | 1.813 | 2.745 | 9.3 | 19.4 | 10 8 | 2 16.31 | + 7 53.6 | 1.631 | 2.591 | 7.7 | 20.8 |
| 10 18 | 2 11.59 | +21 34.6 | 1.789 | 2.762 | 5.5 | 19.2 | 10 18 | 2 9.11 | + 6 30.3 | 1.589 | 2.576 | 3.7 | 20.5 |
| 10 28 | 2 0.47 | +21 28.8 | 1.792 | 2.778 | 3.1 | 19.1 | 10 28 | 2 1.05 | + 5 7.1 | 1.575 | 2.562 | 3.2 | 20.4 |
| 11 7 | 1 49.76 | +21 12.8 | 1.825 | 2.794 | 5.2 | 19.3 | 11 7 | 1 53.19 | + 3 51.9 | 1.589 | 2.548 | 7.1 | 20.7 |
| 11 17 | 1 40.53 | +20 51.5 | 1.886 | 2.810 | 8.8 | 19.5 | 11 17 | 1 46.52 | + 2 51.9 | 1.629 | 2.534 | 11.2 | 20.9 |
| 11 27 | 1 33.60 | +20 30.7 | 1.973 | 2.825 | 12.1 | 19.8 | 11 27 | 1 41.86 | + 2 11.8 | 1.692 | 2.520 | 14.9 | 21.1 |
| 148214 | 2000 <i>DA</i> ₂₁ | 10 26.1 320°68 | 3°0/27.9 18 | | | | 204040 | 2003 <i>UW</i> ₁₅₈ | 10 26.1 33°14 | 0°6/25.7 18 | | | |
| 9 18 | 2 28.43 | +19 49.9 | 1.344 | 2.166 | 19.5 | 19.8 | 9 18 | 2 28.95 | +12 42.8 | 1.702 | 2.525 | 16.0 | 20.3 |
| 9 28 | 2 25.53 | +20 7.2 | 1.260 | 2.153 | 15.8 | 19.5 | 9 28 | 2 24.88 | +12 27.4 | 1.628 | 2.528 | 12.5 | 20.1 |
| 10 8 | 2 19.43 | +20 6.6 | 1.194 | 2.141 | 11.4 | 19.2 | 10 8 | 2 18.36 | +12 1.5 | 1.575 | 2.531 | 8.3 | 19.9 |
| 10 18 | 2 10.73 | +19 46.8 | 1.149 | 2.130 | 6.4 | 18.9 | 10 18 | 2 10.02 | +11 27.6 | 1.546 | 2.534 | 3.7 | 19.6 |
| 10 28 | 2 0.63 | +19 10.1 | 1.129 | 2.119 | 3.0 | 18.7 | 10 28 | 2 0.86 | +10 50.2 | 1.544 | 2.537 | 1.2 | 19.4 |
| 11 7 | 1 50.72 | +18 22.3 | 1.134 | 2.109 | 6.6 | 18.9 | 11 7 | 1 52.05 | +10 14.9 | 1.570 | 2.540 | 5.8 | 19.8 |
| 11 17 | 1 42.52 | +17 32.1 | 1.163 | 2.099 | 11.7 | 19.2 | 11 17 | 1 44.64 | + 9 47.1 | 1.623 | 2.544 | 10.2 | 20.0 |
| 11 27 | 1 37.21 | +16 48.6 | 1.214 | 2.090 | 16.4 | 19.4 | 11 27 | 1 39.45 | + 9 31.1 | 1.699 | 2.547 | 13.9 | 20.3 |
| 232640 | 2003 <i>UA</i> ₂₉₃ | 10 26.1 7°26 | 10°8/17.9 18 | | | | 222407 | 2001 <i>FW</i> ₉₀ | 10 26.1 146°95 | 1°9/27.9 18 | | | |
| 9 18 | 2 25.86 | −14 19.4 | 1.682 | 2.519 | 15.5 | 18.5 | 9 18 | 2 33.57 | +18 58.7 | 2.944 | 3.704 | 11.4 | 20.6 |
| 9 28 | 2 22.33 | −15 32.3 | 1.635 | 2.521 | 13.3 | 18.3 | 9 28 | 2 27.41 | +19 27.2 | 2.856 | 3.713 | 9.1 | 20.4 |
| 10 8 | 2 16.52 | −16 32.5 | 1.609 | 2.524 | 11.5 | 18.2 | 10 8 | 2 19.55 | +19 47.5 | 2.791 | 3.721 | 6.5 | 20.3 |
| 10 18 | 2 9.10 | −17 11.5 | 1.606 | 2.527 | 10.8 | 18.2 | 10 18 | 2 10.45 | +19 59.1 | 2.755 | 3.729 | 3.7 | 20.1 |
| 10 28 | 2 1.07 | −17 22.6 | 1.626 | 2.532 | 11.5 | 18.3 | 10 28 | 2 0.77 | +20 2.5 | 2.749 | 3.737 | 1.9 | 20.0 |
| 11 7 | 1 53.50 | −17 2.8 | 1.668 | 2.538 | 13.3 | 18.4 | 11 7 | 1 51.26 | +19 59.7 | 2.776 | 3.744 | 3.7 | 20.1 |
| 11 17 | 1 47.33 | −16 13.2 | 1.733 | 2.544 | 15.5 | 18.6 | 11 17 | 1 42.65 | +19 53.3 | 2.833 | 3.751 | 6.5 | 20.3 |
| 11 27 | 1 43.25 | −14 57.4 | 1.816 | 2.552 | 17.6 | 18.8 | 11 27 | 1 35.53 | +19 46.6 | 2.918 | 3.757 | 9.0 | 20.5 |
| 388252 | 2006 <i>MQ</i> ₁ | 10 26.1 221°43 | 6°7/20.2 18 | | | | 407209 | 2009 <i>VA</i> ₂ | 10 26.1 348°70 | 9°3/1.3 16 | | | |
| 9 18 | 2 29.10 | − 4 28.0 | 2.041 | 2.871 | 13.4 | 21.5 | 9 18 | 2 28.50 | +32 39.1 | 1.663 | 2.413 | 19.2 | 20.1 |
| 9 28 | 2 24.54 | − 5 37.4 | 1.967 | 2.864 | 10.8 | 21.3 | 9 28 | 2 25.49 | +34 6.1 | 1.576 | 2.402 | 16.7 | 19.9 |
| 10 8 | 2 17.91 | − 6 45.0 | 1.916 | 2.857 | 8.3 | 21.2 | 10 8 | 2 19.42 | +35 13.7 | 1.506 | 2.393 | 13.9 | 19.7 |
| 10 18 | 2 9.75 | − 7 44.2 | 1.892 | 2.850 | 6.8 | 21.1 | 10 18 | 2 10.77 | +35 55.8 | 1.457 | 2.384 | 11.2 | 19.5 |
| 10 28 | 2 0.90 | − 8 28.0 | 1.895 | 2.842 | 7.4 | 21.1 | 10 28 | 2 0.65 | +36 8.4 | 1.431 | 2.377 | 9.5 | 19.4 |
| 11 7 | 1 52.32 | − 8 51.6 | 1.924 | 2.833 | 9.7 | 21.2 | 11 7 | 1 50.58 | +35 52.1 | 1.429 | 2.371 | 9.6 | 19.4 |
| 11 17 | 1 44.88 | − 8 52.6 | 1.979 | 2.825 | 12.4 | 21.4 | 11 17 | 1 42.04 | +35 12.3 | 1.451 | 2.366 | 11.6 | 19.5 |
| 11 27 | 1 39.29 | − 8 31.2 | 2.056 | 2.816 | 15.0 | 21.5 | 11 27 | 1 36.29 | +34 18.5 | 1.496 | 2.362 | 14.4 | 19.7 |
| 127316 | 2002 <i>JW</i> ₉₆ | 10 26.1 349°26 | 6°1/21.6 18 | | | | 241561 | 2397 <i>T</i> ₋₃ | 10 26.1 352°78 | 0°2/26.3 18 | | | |
| 9 18 | 2 28.99 | − 4 12.7 | 2.006 | 2.837 | 13.6 | 19.2 | 9 18 | 2 24.48 | +18 31.1 | 1.650 | 2.468 | 16.7 | 19.8 |
| 9 28 | 2 24.43 | − 4 47.5 | 1.936 | 2.834 | 10.9 | 19.0 | 9 28 | 2 21.55 | +17 27.8 | 1.570 | 2.466 | 13.1 | 19.6 |
| 10 8 | 2 17.81 | − 5 18.9 | 1.888 | 2.833 | 8.1 | 18.8 | 10 8 | 2 16.20 | +16 4.4 | 1.511 | 2.464 | 8.9 | 19.4 |
| 10 18 | 2 9.69 | − 5 41.3 | 1.866 | 2.831 | 6.2 | 18.7 | 10 18 | 2 9.05 | +14 24.7 | 1.476 | 2.463 | 4.1 | 19.1 |
| 10 28 | 2 0.92 | − 5 49.8 | 1.872 | 2.829 | 6.6 | 18.7 | 10 28 | 2 1.11 | +12 35.9 | 1.469 | 2.462 | 0.9 | 18.8 |
| 11 7 | 1 52.47 | − 5 40.8 | 1.904 | 2.828 | 8.8 | 18.9 | 11 7 | 1 53.52 | +10 48.0 | 1.490 | 2.462 | 5.8 | 19.2 |
| 11 17 | 1 45.20 | − 5 13.3 | 1.962 | 2.827 | 11.7 | 19.0 | 11 17 | 1 47.32 | + 9 10.5 | 1.538 | 2.462 | 10.4 | 19.5 |
| 11 27 | 1 39.81 | − 4 27.8 | 2.043 | 2.827 | | | | | | | | | |

EPHEMERIDES

10 26.1

10 26.1

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|------------------------|-----------------|-------------|-------|---------|------|---------------|------------------------|-----------------|----------------|-------|---------|------|
| 238194 | 2003 SZ ₃₂₁ | 10 26.1 132°33 | 2°2/24.7 18 | | | | 295467 | 2008 QH ₃ | 10 26.1 352°14 | 0°2/26.0 18 | | | |
| 9 18 | 2 34.01 | + 6 33.0 | 1.996 | 2.810 | 14.3 | 21.3 | 9 18 | 2 23.54 | +15 52.9 | 1.267 | 2.112 | 19.1 | 20.4 |
| 9 28 | 2 28.31 | + 6 27.3 | 1.923 | 2.819 | 11.1 | 21.1 | 9 28 | 2 21.56 | +15 16.9 | 1.195 | 2.106 | 15.1 | 20.1 |
| 10 8 | 2 20.40 | + 6 17.9 | 1.873 | 2.827 | 7.4 | 20.9 | 10 8 | 2 16.61 | +14 21.6 | 1.141 | 2.102 | 10.2 | 19.9 |
| 10 18 | 2 10.88 | + 6 7.4 | 1.849 | 2.835 | 3.6 | 20.6 | 10 18 | 2 9.38 | +13 10.5 | 1.109 | 2.098 | 4.7 | 19.5 |
| 10 28 | 2 0.69 | + 5 59.4 | 1.854 | 2.842 | 2.6 | 20.6 | 10 28 | 2 1.06 | +11 51.2 | 1.102 | 2.095 | 1.2 | 19.3 |
| 11 7 | 1 50.87 | + 5 57.5 | 1.889 | 2.850 | 6.0 | 20.8 | 11 7 | 1 53.12 | +10 33.6 | 1.120 | 2.094 | 6.9 | 19.7 |
| 11 17 | 1 42.34 | + 6 4.2 | 1.952 | 2.857 | 9.7 | 21.1 | 11 17 | 1 46.88 | + 9 27.6 | 1.162 | 2.093 | 12.2 | 20.0 |
| 11 27 | 1 35.85 | + 6 21.5 | 2.040 | 2.863 | 12.9 | 21.3 | 11 27 | 1 43.32 | + 8 40.8 | 1.225 | 2.094 | 16.8 | 20.2 |
| 473668 | 2015 XA ₃₅₀ | 10 26.1 283°66 | 2°8/28.9 18 | | | | 434707 | 2006 CH ₄₉ | 10 26.1 214°34 | 1°6/28.9 18 | | | |
| 9 18 | 2 25.78 | +23 41.9 | 2.254 | 3.028 | 14.1 | 20.9 | 9 18 | 2 21.18 | +22 57.7 | 4.614 | 5.362 | 7.7 | 22.2 |
| 9 28 | 2 22.06 | +23 31.8 | 2.158 | 3.020 | 11.5 | 20.7 | 9 28 | 2 17.41 | +22 49.1 | 4.507 | 5.354 | 6.2 | 22.1 |
| 10 8 | 2 16.32 | +23 5.9 | 2.083 | 3.012 | 8.4 | 20.5 | 10 8 | 2 12.69 | +22 32.9 | 4.425 | 5.346 | 4.6 | 22.0 |
| 10 18 | 2 9.08 | +22 24.3 | 2.033 | 3.005 | 5.1 | 20.3 | 10 18 | 2 7.28 | +22 9.4 | 4.370 | 5.338 | 2.8 | 21.8 |
| 10 28 | 2 1.10 | +21 29.2 | 2.011 | 2.997 | 2.9 | 20.1 | 10 28 | 2 1.56 | +21 39.7 | 4.345 | 5.329 | 1.6 | 21.7 |
| 11 7 | 1 53.31 | +20 25.2 | 2.018 | 2.989 | 4.6 | 20.2 | 11 7 | 1 55.92 | +21 5.8 | 4.352 | 5.320 | 2.5 | 21.8 |
| 11 17 | 1 46.57 | +19 18.2 | 2.053 | 2.982 | 7.9 | 20.4 | 11 17 | 1 50.74 | +20 29.8 | 4.389 | 5.311 | 4.2 | 21.9 |
| 11 27 | 1 41.60 | +18 14.9 | 2.114 | 2.974 | 11.1 | 20.6 | 11 27 | 1 46.38 | +19 54.2 | 4.455 | 5.302 | 6.0 | 22.0 |
| 267900 | 2004 BE ₉₈ | 10 26.1 168°58 | 3°2/28.4 18 | | | | 427643 | 2003 VF ₁ | 10 26.1 252°43 | 24°6/13.6 18 R | | | |
| 9 18 | 2 33.25 | +21 50.0 | 1.770 | 2.554 | 17.0 | 21.3 | 9 18 | 3 38.11 | -44 37.4 | 1.530 | 2.134 | 25.7 | 21.0 |
| 9 28 | 2 28.37 | +22 3.4 | 1.687 | 2.557 | 13.8 | 21.1 | 9 28 | 3 21.87 | -46 23.9 | 1.451 | 2.105 | 25.1 | 20.9 |
| 10 8 | 2 20.80 | +22 0.6 | 1.625 | 2.559 | 10.0 | 20.8 | 10 8 | 2 58.35 | -47 33.2 | 1.385 | 2.075 | 24.6 | 20.7 |
| 10 18 | 2 11.19 | +21 40.6 | 1.587 | 2.561 | 5.9 | 20.6 | 10 18 | 2 28.77 | -47 37.3 | 1.337 | 2.042 | 24.6 | 20.6 |
| 10 28 | 2 0.61 | +21 5.1 | 1.575 | 2.563 | 3.2 | 20.4 | 10 28 | 1 56.64 | -46 12.7 | 1.310 | 2.007 | 25.2 | 20.6 |
| 11 7 | 1 50.34 | +20 19.1 | 1.592 | 2.564 | 5.6 | 20.6 | 11 7 | 1 26.57 | -43 14.3 | 1.305 | 1.970 | 26.5 | 20.5 |
| 11 17 | 1 41.57 | +19 29.2 | 1.637 | 2.564 | 9.6 | 20.8 | 11 17 | 1 2.06 | -38 57.3 | 1.323 | 1.931 | 28.2 | 20.6 |
| 11 27 | 1 35.21 | +18 43.0 | 1.706 | 2.565 | 13.3 | 21.1 | 11 27 | 0 44.49 | -33 48.6 | 1.361 | 1.890 | 30.1 | 20.7 |
| 24487 | 2000 YT ₁₀₅ | 10 26.1 146°94 | 3°8/29.1 18 | | | | 220843 | 2004 VE ₃ | 10 26.1 39°97 | 0°3/26.4 18 | | | |
| 9 18 | 2 33.53 | +23 46.2 | 2.134 | 2.897 | 15.1 | 18.8 | 9 18 | 2 25.49 | +17 45.7 | 1.652 | 2.470 | 16.6 | 19.6 |
| 9 28 | 2 28.15 | +24 14.9 | 2.050 | 2.903 | 12.4 | 18.6 | 9 28 | 2 22.02 | +16 55.0 | 1.599 | 2.495 | 12.9 | 19.5 |
| 10 8 | 2 20.43 | +24 29.4 | 1.988 | 2.909 | 9.2 | 18.4 | 10 8 | 2 16.28 | +15 48.1 | 1.568 | 2.521 | 8.7 | 19.3 |
| 10 18 | 2 10.96 | +24 28.1 | 1.950 | 2.915 | 5.9 | 18.2 | 10 18 | 2 9.00 | +14 29.4 | 1.561 | 2.547 | 4.0 | 19.1 |
| 10 28 | 2 0.67 | +24 11.6 | 1.940 | 2.921 | 3.8 | 18.1 | 10 28 | 2 1.21 | +13 5.3 | 1.581 | 2.574 | 0.8 | 18.9 |
| 11 7 | 1 50.64 | +23 43.1 | 1.959 | 2.926 | 5.2 | 18.2 | 11 7 | 1 53.99 | +11 44.1 | 1.629 | 2.601 | 5.3 | 19.3 |
| 11 17 | 1 41.88 | +23 7.6 | 2.007 | 2.930 | 8.3 | 18.4 | 11 17 | 1 48.23 | +10 33.1 | 1.704 | 2.629 | 9.5 | 19.6 |
| 11 27 | 1 35.20 | +22 31.3 | 2.081 | 2.935 | 11.5 | 18.6 | 11 27 | 1 44.56 | + 9 37.5 | 1.803 | 2.657 | 13.0 | 19.9 |
| 438747 | 2008 TZ ₁₇₄ | 10 26.1 316°94 | 1°5/28.6 15 | | | | 400733 | 2009 SK ₃₄₄ | 10 26.1 353°99 | 9°6/3.5 17 | | | |
| 9 18 | 2 19.76 | +21 45.2 | 4.300 | 5.060 | 8.1 | 21.7 | 9 18 | 2 26.02 | +37 4.5 | 1.733 | 2.459 | 19.4 | 20.2 |
| 9 28 | 2 16.38 | +21 38.2 | 4.203 | 5.059 | 6.5 | 21.5 | 9 28 | 2 23.43 | +38 4.9 | 1.649 | 2.453 | 17.1 | 20.0 |
| 10 8 | 2 12.02 | +21 23.7 | 4.130 | 5.057 | 4.7 | 21.4 | 10 8 | 2 17.91 | +38 40.9 | 1.581 | 2.448 | 14.5 | 19.9 |
| 10 18 | 2 6.97 | +21 2.0 | 4.085 | 5.056 | 2.8 | 21.3 | 10 18 | 2 10.03 | +38 47.1 | 1.532 | 2.444 | 11.9 | 19.7 |
| 10 28 | 2 1.61 | +20 34.6 | 4.069 | 5.055 | 1.5 | 21.2 | 10 28 | 2 0.92 | +38 20.8 | 1.506 | 2.441 | 10.0 | 19.6 |
| 11 7 | 1 56.34 | +20 3.4 | 4.084 | 5.055 | 2.5 | 21.3 | 11 7 | 1 52.02 | +37 24.4 | 1.503 | 2.439 | 9.7 | 19.6 |
| 11 17 | 1 51.57 | +19 30.7 | 4.130 | 5.054 | 4.4 | 21.4 | 11 17 | 1 44.71 | +36 4.8 | 1.524 | 2.438 | 11.2 | 19.6 |
| 11 27 | 1 47.65 | +18 58.9 | 4.203 | 5.053 | 6.2 | 21.5 | 11 27 | 1 40.07 | +34 32.8 | 1.569 | 2.438 | 13.7 | 19.8 |
| 50147 | 2000 AQ ₁₃₆ | 10 26.1 19°20 | 5°7/22.9 18 | | | | 50457 | 2000 DZ ₅₃ | 10 26.1 358°03 | 1°3/27.1 18 | | | |
| 9 18 | 2 30.17 | + 1 50.7 | 1.281 | 2.136 | 18.4 | 17.8 | 9 18 | 2 26.93 | +17 35.0 | 1.611 | 2.428 | 17.0 | 19.1 |
| 9 28 | 2 26.40 | + 1 9.8 | 1.222 | 2.139 | 14.4 | 17.6 | 9 28 | 2 23.60 | +17 27.4 | 1.533 | 2.427 | 13.5 | 18.8 |
| 10 8 | 2 19.64 | + 0 26.9 | 1.183 | 2.143 | 10.0 | 17.4 | 10 8 | 2 17.68 | +17 4.7 | 1.475 | 2.425 | 9.3 | 18.6 |
| 10 18 | 2 10.67 | - 0 10.8 | 1.166 | 2.147 | 6.3 | 17.2 | 10 18 | 2 9.80 | +16 28.0 | 1.440 | 2.425 | 4.7 | 18.3 |
| 10 28 | 2 0.76 | - 0 35.3 | 1.174 | 2.152 | 6.4 | 17.2 | 10 28 | 2 1.00 | +15 41.2 | 1.432 | 2.424 | 1.4 | 18.1 |
| 11 7 | 1 51.39 | - 0 40.8 | 1.207 | 2.157 | 10.0 | 17.4 | 11 7 | 1 52.50 | +14 50.6 | 1.451 | 2.425 | 5.6 | 18.4 |
| 11 17 | 1 43.85 | - 0 24.4 | 1.262 | 2.163 | 14.2 | 17.7 | 11 17 | 1 45.46 | +14 3.2 | 1.495 | 2.426 | 10.1 | 18.6 |
| 11 27 | 1 39.03 | + 0 13.7 | 1.339 | 2.169 | 18.0 | 17.9 | 11 27 | 1 40.74 | +13 25.5 | 1.564 | 2.427 | 14.1 | 18.9 |
| 133667 | 2003 UQ ₁₈₅ | 10 26.1 34°33 | 2°1/25.1 18 | | | | 241633 | 1999 VL ₂₀₂ | 10 26.1 61°26 | 0°8/25.6 18 | | | |
| 9 18 | 2 34.56 | + 6 28.8 | 1.416 | 2.252 | 18.0 | 19.4 | 9 18 | 2 32.06 | +11 43.1 | 1.565 | 2.390 | 17.1 | 20.1 |
| 9 28 | 2 29.52 | + 6 46.2 | 1.357 | 2.264 | 13.9 | 19.1 | 9 28 | 2 27.26 | +11 33.5 | 1.509 | 2.410 | 13.2 | 19.9 |
| 10 8 | 2 21.57 | + 7 0.2 | 1.317 | 2.276 | 9.3 | 18.9 | 10 8 | 2 19.88 | +11 14.4 | 1.473 | 2.429 | 8.7 | 19.7 |
| 10 18 | 2 11.50 | + 7 13.2 | 1.302 | 2.289 | 4.4 | 18.7 | 10 18 | 2 10.69 | +10 48.4 | 1.461 | 2.449 | 3.9 | 19.4 |
| 10 28 | 2 0.57 | + 7 28.5 | 1.313 | 2.303 | 2.6 | 18.6 | 10 28 | 2 0.82 | +10 20.2 | 1.477 | 2.469 | 1.4 | 19.3 |
| 11 7 | 1 50.22 | + 7 49.2 | 1.351 | 2.318 | 7.0 | 18.9 | 11 7 | 1 51.54 | + 9 55.2 | 1.520 | 2.489 | 6.1 | 19.7 |
| 11 17 | 1 41.70 | + 8 17.7 | 1.415 | 2.333 | 11.6 | 19.2 | 11 17 | 1 43.90 | + 9 38.2 | 1.589 | 2.510 | 10.4 | 20.0 |
| 11 27 | 1 35.86 | + 8 55.8 | 1.501 | 2.348 | 15.5 | 19.5 | 11 27 | 1 38.67 | + 9 32.8 | 1.682 | 2.530 | 14.1 | 20.2 |
| 281909 | 2011 ED ₂₄ | 10 26.1 315°29 | 2°0/24.3 18 | | | | 64634 | 2001 XU ₄₉ | 10 26.1 147°82 | 0°1/26.1 18 | | | |
| 9 18 | 2 24.47 | + 9 2.3 | 2.161 | 2.986 | 13.0 | 20.6 | 9 18 | 2 31.88 | +15 3.9 | 1.426 | 2.250 | 18.5 | 19.9 |
| 9 28 | 2 20.95 | + 8 24.7 | 2.074 | 2.977 | 10.0 | 20.4 | 9 28 | 2 27.68 | +14 38.6 | 1.354 | 2.253 | 14.5 | 19.6 |
| 10 8 | 2 15.53 | + 7 39.9 | 2.010 | 2.968 | 6.6 | 20.2 | 10 8 | 2 20.51 | +13 57.8 | 1.301 | 2.256 | 9.8 | 19.4 |
| 10 18 | 2 8.70 | + 6 51.1 | 1.972 | 2.960 | 3.2 | 19.9 | 10 18 | 2 11.11 | +13 4.1 | 1.272 | 2.259 | 4.5 | 19.1 |
| 10 28 | 2 1.21 | + 6 3.4 | 1.963 | 2.951 | 2.5 | 19.9 | 10 28 | 2 0.70 | +12 3.4 | 1.269 | 2.262 | 1.1 | 18.9 |
| 11 7 | 1 53.90 | + 5 21.6 | 1.983 | 2.943 | 5.8 | 20.1 | 11 7 | 1 50.74 | +11 3.7 | 1.292 | 2.264 | 6.5 | 19.2 |
| 11 17 | 1 47.59 | + 4 50.2 | 2.029 | 2.935 | 9.3 | 20.3 | 11 17 | 1 42.52 | +10 12.9 | 1.342 | 2.266 | 11.6 | 19.5 |
| 11 27 | 1 42.94 | + 4 32.5 | 2.100 | 2.928 | 12.4 | 20.5 | 11 27 | 1 37.00 | + 9 37.6 | 1.414 | 2.268 | 15.9 | 19.8 |
| 23296 | Brianreavis | 10 26.1 9°10 | 3°7/28.6 18 | | | | 217728 | 1999 XA ₆₄ | 10 26.1 36°09 | 3°5/23.0 18 | | | |
| 9 18 | 2 21.28 | +22 47.5 | 0.961 | 1.811 | 23.5 | 17.3 | 9 18 | 2 25.02 | + 5 25.0 | 1.947 | 2.782 | 13.8 | 19.6 |
| 9 28 | 2 20.64 | +22 41.4 | 0.904 | 1.812 | 19.0 | 17.0 | 9 28 | 2 21.40 | + 4 31.0 | 1.881 | 2.790 | 10.6 | 19.4 |
| 10 8 | 2 16.40 | +22 5.4 | 0.862 | 1.815 | 13.7 | 16.8 | 10 8 | 2 15.81 | + 3 32.1 | 1.839 | 2.797 | 7.1 | 19.2 |
| 10 18 | 2 9.36 | +20 59.8 | 0.838 | 1.820 | 7.9 | 16.5 | 10 18 | 2 8.81 | + 2 33.4 | 1.822 | 2.805 | 4.1 | 19.0 |
| 10 28 | 2 1.06 | +19 31.1 | 0.836 | 1.826 | 3.7 | 16.3 | 10 28 | 2 1.24 | + 1 41.0 | 1.833 | 2.813 | 4.1 | 19.0 |
| 11 7 | 1 53.38 | +17 51.9 | 0.856 | 1.834 | 7.2 | 16.5 | 11 7 | 1 54.02 | + 1 0.3 | 1.872 | 2.822 | 7.0 | 19.2 |
| 11 17 | 1 47.89 | +16 16.6 | 0.897 | 1.844 | 12.8 | 16.8 | 11 17 | 1 47.95 | + 0 35.1 | 1.937 | 2.830 | 10.4 | 19.5 |
| 11 27 | 1 45.65 | +14 58.1 | 0.959 | 1.855 | 17.9 | 17.2 | 11 27 | 1 43.69 | + 0 27.4 | 2.025 | 2.839 | 13.3 | 19.7 |

EPHEMERIDES

10 26.1

10 26.2

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 395585 | 2011 <i>UT</i> ₂₈₂ | 10 26.1 | 28°24 | 0°9/25.4 | 18 | | 323511 | 2004 <i>RJ</i> ₃₉ | 10 26.1 | 336°86 | 5°4/29.7 | 17 | |
| 9 18 | 2 26.09 | +13 18.9 | 1.651 | 2.480 | 16.1 | 20.9 | 9 18 | 2 29.00 | +25 2.1 | 1.760 | 2.540 | 17.2 | 19.7 |
| 9 28 | 2 22.69 | +12 42.4 | 1.582 | 2.486 | 12.5 | 20.7 | 9 28 | 2 25.43 | +25 54.2 | 1.668 | 2.528 | 14.4 | 19.4 |
| 10 8 | 2 16.91 | +11 53.3 | 1.534 | 2.492 | 8.3 | 20.5 | 10 8 | 2 19.13 | +26 30.9 | 1.595 | 2.517 | 11.0 | 19.2 |
| 10 18 | 2 9.38 | +10 55.4 | 1.510 | 2.498 | 3.7 | 20.2 | 10 18 | 2 10.61 | +26 49.1 | 1.545 | 2.506 | 7.6 | 19.0 |
| 10 28 | 2 1.12 | +9 54.6 | 1.513 | 2.505 | 1.5 | 20.1 | 10 28 | 2 0.88 | +26 47.7 | 1.521 | 2.497 | 5.5 | 18.8 |
| 11 7 | 1 53.25 | +8 58.0 | 1.543 | 2.512 | 6.0 | 20.4 | 11 7 | 1 51.22 | +26 28.9 | 1.523 | 2.488 | 6.6 | 18.9 |
| 11 17 | 1 46.78 | +8 11.9 | 1.599 | 2.520 | 10.3 | 20.7 | 11 17 | 1 42.92 | +25 58.0 | 1.551 | 2.479 | 9.9 | 19.1 |
| 11 27 | 1 42.47 | +7 40.9 | 1.679 | 2.528 | 14.0 | 20.9 | 11 27 | 1 37.02 | +25 22.7 | 1.602 | 2.472 | 13.5 | 19.3 |
| 180609 | 2004 <i>FQ</i> ₉₇ | 10 26.1 | 304°51 | 7°9/18.4 | 18 | | 322971 | 2002 <i>LO</i> ₂₀ | 10 26.1 | 91°26 | 5°0/23.1 | 18 | |
| 9 18 | 2 24.17 | -3 42.1 | 1.775 | 2.622 | 14.4 | 19.7 | 9 18 | 2 35.62 | +2 11.5 | 1.510 | 2.344 | 17.1 | 20.7 |
| 9 28 | 2 21.11 | -5 30.0 | 1.702 | 2.609 | 11.6 | 19.4 | 9 28 | 2 29.92 | +1 26.7 | 1.462 | 2.367 | 13.3 | 20.5 |
| 10 8 | 2 15.85 | -7 19.0 | 1.653 | 2.597 | 9.0 | 19.3 | 10 8 | 2 21.59 | +0 40.4 | 1.435 | 2.390 | 9.1 | 20.3 |
| 10 18 | 2 8.92 | -8 59.7 | 1.628 | 2.584 | 7.9 | 19.2 | 10 18 | 2 11.47 | -0 1.0 | 1.433 | 2.412 | 5.6 | 20.1 |
| 10 28 | 2 1.21 | -10 22.5 | 1.631 | 2.572 | 8.9 | 19.2 | 10 28 | 2 0.77 | -0 30.7 | 1.458 | 2.434 | 5.6 | 20.2 |
| 11 7 | 1 53.74 | -11 19.8 | 1.658 | 2.560 | 11.4 | 19.3 | 11 7 | 1 50.79 | -0 44.0 | 1.510 | 2.456 | 8.8 | 20.4 |
| 11 17 | 1 47.46 | -11 47.9 | 1.709 | 2.548 | 14.4 | 19.5 | 11 17 | 1 42.59 | -0 38.4 | 1.587 | 2.477 | 12.5 | 20.7 |
| 11 27 | 1 43.13 | -11 46.6 | 1.779 | 2.537 | 17.1 | 19.7 | 11 27 | 1 36.90 | -0 14.0 | 1.687 | 2.497 | 15.8 | 21.0 |
| 259732 | 2003 <i>YS</i> ₁₀₂ | 10 26.1 | 263°94 | 4°4/30.1 | 18 | | 225656 | 2001 <i>HW</i> ₃₃ | 10 26.1 | 167°48 | 1°7/24.6 | 18 | |
| 9 18 | 2 28.57 | +27 15.7 | 2.092 | 2.849 | 15.5 | 20.9 | 9 18 | 2 29.94 | +6 30.2 | 2.767 | 3.572 | 11.0 | 20.5 |
| 9 28 | 2 24.60 | +27 18.4 | 1.987 | 2.834 | 13.0 | 20.7 | 9 28 | 2 24.64 | +6 24.0 | 2.684 | 3.575 | 8.5 | 20.3 |
| 10 8 | 2 18.27 | +27 2.4 | 1.902 | 2.818 | 9.9 | 20.5 | 10 8 | 2 17.74 | +6 14.9 | 2.625 | 3.578 | 5.6 | 20.1 |
| 10 18 | 2 10.08 | +26 26.2 | 1.841 | 2.802 | 6.7 | 20.3 | 10 18 | 2 9.70 | +6 5.1 | 2.595 | 3.580 | 2.8 | 19.9 |
| 10 28 | 2 0.93 | +25 30.7 | 1.807 | 2.785 | 4.5 | 20.1 | 10 28 | 2 1.15 | +5 57.1 | 2.595 | 3.582 | 2.1 | 19.9 |
| 11 7 | 1 51.90 | +24 20.2 | 1.802 | 2.769 | 5.5 | 20.1 | 11 7 | 1 52.81 | +5 53.5 | 2.625 | 3.584 | 4.7 | 20.1 |
| 11 17 | 1 44.05 | +23 1.6 | 1.824 | 2.752 | 8.7 | 20.3 | 11 17 | 1 45.33 | +5 56.5 | 2.686 | 3.585 | 7.6 | 20.3 |
| 11 27 | 1 38.24 | +21 43.3 | 1.872 | 2.735 | 12.1 | 20.5 | 11 27 | 1 39.27 | +6 7.7 | 2.772 | 3.586 | 10.2 | 20.4 |
| 437196 | 2012 <i>WK</i> ₁ | 10 26.1 | 40°19 | 4°6/30.3 | 16 | | 318143 | 2004 <i>PO</i> ₅₉ | 10 26.1 | 84°61 | 4°5/21.8 | 18 | |
| 9 18 | 2 26.25 | +28 36.3 | 1.447 | 2.233 | 20.1 | 21.4 | 9 18 | 2 25.43 | +2 32.7 | 2.104 | 2.938 | 13.0 | 20.4 |
| 9 28 | 2 23.34 | +28 6.0 | 1.380 | 2.245 | 16.5 | 21.2 | 9 28 | 2 21.57 | +1 21.4 | 2.040 | 2.946 | 10.0 | 20.2 |
| 10 8 | 2 17.56 | +27 6.8 | 1.332 | 2.258 | 12.4 | 21.0 | 10 8 | 2 15.87 | +0 7.1 | 2.000 | 2.954 | 7.0 | 20.1 |
| 10 18 | 2 9.72 | +25 39.2 | 1.305 | 2.272 | 8.0 | 20.8 | 10 18 | 2 8.87 | -1 4.3 | 1.986 | 2.962 | 4.7 | 20.0 |
| 10 28 | 2 1.07 | +23 48.4 | 1.303 | 2.286 | 4.7 | 20.7 | 10 28 | 2 1.35 | -2 6.6 | 2.001 | 2.970 | 5.1 | 20.0 |
| 11 7 | 1 53.03 | +21 44.8 | 1.328 | 2.301 | 6.1 | 20.8 | 11 7 | 1 54.16 | -2 54.2 | 2.043 | 2.978 | 7.6 | 20.2 |
| 11 17 | 1 46.77 | +19 41.0 | 1.379 | 2.316 | 10.1 | 21.1 | 11 17 | 1 48.05 | -3 23.8 | 2.112 | 2.986 | 10.5 | 20.4 |
| 11 27 | 1 43.10 | +17 48.7 | 1.455 | 2.332 | 14.1 | 21.4 | 11 27 | 1 43.62 | -3 34.1 | 2.204 | 2.994 | 13.2 | 20.6 |
| 219957 | 2002 <i>JZ</i> ₄ | 10 26.1 | 152°19 | 0°3/26.4 | 18 | | 291193 | 2006 <i>AP</i> ₆₂ | 10 26.2 | 102°91 | 1°2/24.9 | 18 | |
| 9 18 | 2 26.29 | +16 4.7 | 2.878 | 3.665 | 11.0 | 21.3 | 9 18 | 2 27.50 | +10 7.4 | 2.395 | 3.206 | 12.3 | 21.0 |
| 9 28 | 2 21.78 | +15 35.5 | 2.794 | 3.674 | 8.6 | 21.1 | 9 28 | 2 22.95 | +9 42.8 | 2.324 | 3.219 | 9.5 | 20.8 |
| 10 8 | 2 15.78 | +14 57.3 | 2.735 | 3.681 | 5.8 | 21.0 | 10 8 | 2 16.69 | +9 11.8 | 2.276 | 3.231 | 6.2 | 20.6 |
| 10 18 | 2 8.75 | +14 11.8 | 2.704 | 3.689 | 2.7 | 20.8 | 10 18 | 2 9.23 | +8 37.3 | 2.256 | 3.243 | 2.8 | 20.4 |
| 10 28 | 2 1.29 | +13 22.1 | 2.703 | 3.696 | 0.6 | 20.6 | 10 28 | 2 1.28 | +8 2.8 | 2.265 | 3.255 | 1.7 | 20.3 |
| 11 7 | 1 54.05 | +12 32.0 | 2.732 | 3.702 | 3.7 | 20.9 | 11 7 | 1 53.63 | +7 32.4 | 2.303 | 3.267 | 4.8 | 20.6 |
| 11 17 | 1 47.64 | +11 45.4 | 2.792 | 3.708 | 6.6 | 21.1 | 11 17 | 1 46.98 | +7 9.4 | 2.370 | 3.278 | 8.0 | 20.8 |
| 11 27 | 1 42.58 | +11 5.9 | 2.879 | 3.714 | 9.2 | 21.3 | 11 27 | 1 41.90 | +6 56.6 | 2.463 | 3.289 | 10.9 | 21.0 |
| 73578 | 6277 <i>P-L</i> | 10 26.1 | 261°59 | 0°2/26.4 | 18 | | 386911 | 2011 <i>HY</i> ₇₄ | 10 26.2 | 269°46 | 4°7/22.7 | 18 | |
| 9 18 | 2 25.29 | +15 58.4 | 2.295 | 3.098 | 13.0 | 19.7 | 9 18 | 2 29.76 | +3 40.0 | 1.677 | 2.515 | 15.6 | 21.4 |
| 9 28 | 2 21.49 | +15 29.2 | 2.209 | 3.096 | 10.2 | 19.5 | 9 28 | 2 25.76 | +2 45.5 | 1.589 | 2.497 | 12.2 | 21.1 |
| 10 8 | 2 15.85 | +14 48.7 | 2.145 | 3.095 | 6.9 | 19.3 | 10 8 | 2 19.18 | +1 45.1 | 1.522 | 2.479 | 8.5 | 20.9 |
| 10 18 | 2 8.87 | +13 59.0 | 2.107 | 3.093 | 3.2 | 19.1 | 10 18 | 2 10.59 | +0 44.7 | 1.480 | 2.461 | 5.3 | 20.6 |
| 10 28 | 2 1.27 | +13 3.9 | 2.098 | 3.091 | 0.7 | 18.9 | 10 28 | 2 0.94 | -0 8.0 | 1.465 | 2.442 | 5.4 | 20.6 |
| 11 7 | 1 53.90 | +12 8.4 | 2.119 | 3.089 | 4.5 | 19.2 | 11 7 | 1 51.45 | -0 45.9 | 1.477 | 2.424 | 8.9 | 20.8 |
| 11 17 | 1 47.52 | +11 17.6 | 2.167 | 3.088 | 8.0 | 19.4 | 11 17 | 1 43.26 | -1 4.0 | 1.514 | 2.405 | 12.9 | 21.0 |
| 11 27 | 1 42.77 | +10 36.1 | 2.242 | 3.086 | 11.2 | 19.6 | 11 27 | 1 37.33 | -0 59.9 | 1.573 | 2.385 | 16.6 | 21.2 |
| 102706 | 1999 <i>VT</i> ₉₀ | 10 26.1 | 331°07 | 0°6/25.8 | 18 | | 437753 | 2014 <i>FW</i> ₄₉ | 10 26.2 | 136°12 | 5°2/31.6 | 18 | |
| 9 18 | 2 25.08 | +11 16.1 | 1.229 | 2.084 | 19.0 | 18.6 | 9 18 | 2 32.00 | +31 23.3 | 2.392 | 3.112 | 14.8 | 21.3 |
| 9 28 | 2 23.27 | +11 27.2 | 1.136 | 2.054 | 15.1 | 18.3 | 9 28 | 2 26.78 | +31 34.0 | 2.310 | 3.125 | 12.5 | 21.1 |
| 10 8 | 2 18.23 | +11 28.6 | 1.061 | 2.025 | 10.4 | 17.9 | 10 8 | 2 19.43 | +31 26.2 | 2.247 | 3.137 | 9.8 | 21.0 |
| 10 18 | 2 10.39 | +11 21.9 | 1.008 | 1.997 | 4.8 | 17.5 | 10 18 | 2 10.54 | +30 58.4 | 2.209 | 3.149 | 7.2 | 20.8 |
| 10 28 | 2 0.87 | +11 11.1 | 0.978 | 1.971 | 1.5 | 17.2 | 10 28 | 2 1.00 | +30 11.3 | 2.198 | 3.161 | 5.3 | 20.7 |
| 11 7 | 1 51.27 | +11 2.0 | 0.972 | 1.946 | 7.6 | 17.5 | 11 7 | 1 51.79 | +29 8.8 | 2.216 | 3.172 | 5.7 | 20.8 |
| 11 17 | 1 43.23 | +11 0.7 | 0.989 | 1.923 | 13.5 | 17.8 | 11 17 | 1 43.83 | +27 56.8 | 2.263 | 3.182 | 7.8 | 20.9 |
| 11 27 | 1 38.14 | +11 12.7 | 1.025 | 1.902 | 18.7 | 18.0 | 11 27 | 1 37.81 | +26 42.5 | 2.337 | 3.192 | 10.3 | 21.1 |
| 130248 | 2000 <i>CV</i> ₉₀ | 10 26.1 | 279°32 | 0°9/25.2 | 18 | | 424538 | 2008 <i>EA</i> ₁₃₀ | 10 26.2 | 264°41 | 3°3/23.9 | 18 | |
| 9 18 | 2 24.30 | +13 9.2 | 2.335 | 3.147 | 12.5 | 20.1 | 9 18 | 2 30.65 | +7 28.4 | 1.576 | 2.410 | 16.5 | 21.4 |
| 9 28 | 2 20.75 | +12 23.9 | 2.238 | 3.133 | 9.8 | 19.9 | 9 28 | 2 26.65 | +6 45.9 | 1.487 | 2.395 | 12.9 | 21.1 |
| 10 8 | 2 15.40 | +11 28.0 | 2.164 | 3.119 | 6.5 | 19.6 | 10 8 | 2 19.89 | +5 54.3 | 1.420 | 2.379 | 8.7 | 20.8 |
| 10 18 | 2 8.69 | +10 24.4 | 2.117 | 3.104 | 2.9 | 19.4 | 10 18 | 2 10.96 | +4 58.5 | 1.377 | 2.363 | 4.5 | 20.6 |
| 10 28 | 2 1.33 | +9 17.6 | 2.098 | 3.090 | 1.4 | 19.2 | 10 28 | 2 0.88 | +4 5.4 | 1.361 | 2.347 | 3.9 | 20.5 |
| 11 7 | 1 54.10 | +8 13.3 | 2.110 | 3.076 | 5.0 | 19.5 | 11 7 | 1 50.98 | +3 22.6 | 1.372 | 2.330 | 8.1 | 20.7 |
| 11 17 | 1 47.79 | +7 16.7 | 2.149 | 3.061 | 8.5 | 19.7 | 11 17 | 1 42.49 | +2 56.1 | 1.408 | 2.313 | 12.6 | 20.9 |
| 11 27 | 1 43.04 | +6 32.3 | 2.215 | 3.047 | 11.7 | 19.9 | 11 27 | 1 36.42 | +2 49.5 | 1.466 | 2.296 | 16.7 | 21.1 |
| 81317 | 2000 <i>GM</i> ₁₄ | 10 26.1 | 49°07 | 1°6/27.2 | 18 | | 434563 | 2005 <i>TN</i> ₁₅₄ | 10 26.2 | 110°41 | 4°1/28.9 | 18 | |
| 9 18 | 2 31.71 | +16 37.1 | 1.832 | 2.635 | 15.8 | 19.2 | 9 18 | 2 32.99 | +22 51.1 | 1.615 | 2.404 | 18.2 | 21.6 |
| 9 28 | 2 26.99 | +16 56.2 | 1.754 | 2.639 | 12.6 | 19.0 | 9 28 | 2 28.53 | +23 20.1 | 1.536 | 2.405 | 14.9 | 21.4 |
| 10 8 | 2 19.80 | +17 4.2 | 1.697 | 2.643 | 8.7 | 18.8 | 10 8 | 2 21.16 | +23 31.9 | 1.475 | 2.407 | 11.0 | 21.1 |
| 10 18 | 2 10.77 | +17 1.3 | 1.664 | 2.647 | 4.5 | 18.5 | 10 18 | 2 11.52 | +23 24.6 | 1.437 | 2.409 | 6.8 | 20.9 |
| 10 28 | 2 0.87 | +16 49.3 | 1.659 | 2.651 | 1.6 | 18.3 | 10 28 | 2 0.78 | +22 58.9 | 1.426 | 2.410 | 4.2 | 20.8 |
| 11 7 | 1 51.26 | +16 32.1 | 1.683 | 2.656 | 5.1 | 18.6 | 11 7 | 1 50.34 | +22 19.4 | 1.441 | 2.412 | 6.2 | 20.9 |
| 11 17 | 1 43.03 | +16 14.4 | 1.734 | 2.660 | 9.2 | 18.8 | 11 17 | 1 41.53 | +21 33.2 | 1.483 | 2.413 | 10.2 | 21.1 |
| 11 27 | 1 37.01 | +16 1.2 | 1.810 | 2.665 | 12.9 | 19.1 | 11 27 | 1 35.34 | +20 48.5 | 1.549 | 2.415 | 14.1 | 21.4 |

EPHEMERIDES

10 26.2

10 26.2

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|-----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 483607 | 2004 <i>RL</i> ₁₄₇ | 10 26.2 | 25°83 | 4°0/29.1 | 17 | | 103194 | 1999 <i>XX</i> ₂₄₃ | 10 26.2 | 229°82 | 12°2/ | 5.9 | 18 |
| 9 18 | 2 29.87 | +22 48.3 | 1.799 | 2.585 | 16.7 | 20.9 | 9 18 | 2 41.75 | +47 13.2 | 2.200 | 2.806 | 18.6 | 20.3 |
| 9 28 | 2 25.72 | +23 24.5 | 1.725 | 2.593 | 13.6 | 20.7 | 9 28 | 2 36.09 | +48 38.9 | 2.097 | 2.793 | 17.1 | 20.1 |
| 10 8 | 2 19.05 | +23 45.3 | 1.671 | 2.601 | 10.1 | 20.5 | 10 8 | 2 26.81 | +49 42.1 | 2.009 | 2.779 | 15.5 | 20.0 |
| 10 18 | 2 10.48 | +23 49.3 | 1.640 | 2.610 | 6.4 | 20.3 | 10 18 | 2 14.40 | +50 14.9 | 1.939 | 2.765 | 13.8 | 19.8 |
| 10 28 | 2 1.03 | +23 37.3 | 1.636 | 2.619 | 4.0 | 20.2 | 10 28 | 2 0.11 | +50 10.9 | 1.891 | 2.749 | 12.6 | 19.7 |
| 11 7 | 1 51.90 | +23 12.7 | 1.659 | 2.629 | 5.7 | 20.4 | 11 7 | 1 45.73 | +49 28.4 | 1.866 | 2.733 | 12.2 | 19.7 |
| 11 17 | 1 44.19 | +22 41.2 | 1.709 | 2.639 | 9.1 | 20.6 | 11 17 | 1 33.10 | +48 11.8 | 1.865 | 2.716 | 12.8 | 19.7 |
| 11 27 | 1 38.76 | +22 9.5 | 1.784 | 2.650 | 12.5 | 20.8 | 11 27 | 1 23.66 | +46 31.2 | 1.887 | 2.699 | 14.3 | 19.7 |
| 50649 | 2000 <i>EK</i> ₉₀ | 10 26.2 | 44°61 | 5°4/30.7 | 18 | | 94019 | 2000 <i>XN</i> ₃₂ | 10 26.2 | 325°78 | 2°0/24.7 | 18 | |
| 9 18 | 2 29.05 | +28 8.2 | 1.668 | 2.439 | 18.4 | 17.9 | 9 18 | 2 29.36 | +7 12.1 | 1.986 | 2.809 | 14.0 | 19.4 |
| 9 28 | 2 25.29 | +28 25.8 | 1.598 | 2.451 | 15.3 | 17.7 | 9 28 | 2 24.95 | +7 4.6 | 1.903 | 2.804 | 10.9 | 19.2 |
| 10 8 | 2 18.83 | +28 21.4 | 1.547 | 2.464 | 11.7 | 17.5 | 10 8 | 2 18.37 | +6 52.6 | 1.842 | 2.798 | 7.3 | 19.0 |
| 10 18 | 2 10.38 | +27 53.2 | 1.519 | 2.477 | 8.1 | 17.3 | 10 18 | 2 10.15 | +6 38.9 | 1.807 | 2.793 | 3.5 | 18.8 |
| 10 28 | 2 1.07 | +27 2.8 | 1.515 | 2.491 | 5.6 | 17.2 | 10 28 | 2 1.15 | +6 27.2 | 1.800 | 2.788 | 2.5 | 18.7 |
| 11 7 | 1 52.22 | +25 55.9 | 1.538 | 2.505 | 6.4 | 17.3 | 11 7 | 1 52.37 | +6 21.4 | 1.821 | 2.784 | 6.0 | 18.9 |
| 11 17 | 1 44.98 | +24 40.9 | 1.588 | 2.519 | 9.5 | 17.5 | 11 17 | 1 44.75 | +6 24.4 | 1.870 | 2.779 | 9.8 | 19.1 |
| 11 27 | 1 40.21 | +23 27.1 | 1.661 | 2.533 | 12.9 | 17.8 | 11 27 | 1 39.04 | +6 38.7 | 1.943 | 2.775 | 13.1 | 19.3 |
| 43708 | 2126 <i>T</i> ₋₂ | 10 26.2 | 2°61 | 0°9/25.5 | 18 | | 366369 | 2000 <i>RH</i> ₅₇ | 10 26.2 | 71°53 | 4°2/28.7 | 16 | |
| 9 18 | 2 26.83 | +15 3.3 | 1.258 | 2.100 | 19.4 | 18.7 | 9 18 | 2 36.71 | +22 25.9 | 1.298 | 2.100 | 21.1 | 20.8 |
| 9 28 | 2 24.11 | +14 11.5 | 1.188 | 2.099 | 15.2 | 18.4 | 9 28 | 2 31.68 | +22 54.5 | 1.243 | 2.121 | 17.1 | 20.6 |
| 10 8 | 2 18.34 | +13 0.1 | 1.138 | 2.099 | 10.2 | 18.1 | 10 8 | 2 23.29 | +23 2.2 | 1.206 | 2.143 | 12.4 | 20.4 |
| 10 18 | 2 10.25 | +11 34.0 | 1.110 | 2.099 | 4.6 | 17.8 | 10 18 | 2 12.45 | +22 47.6 | 1.191 | 2.165 | 7.5 | 20.2 |
| 10 28 | 2 1.09 | +10 1.8 | 1.107 | 2.100 | 1.8 | 17.7 | 10 28 | 2 0.66 | +22 12.7 | 1.201 | 2.187 | 4.2 | 20.1 |
| 11 7 | 1 52.40 | +8 34.9 | 1.130 | 2.101 | 7.4 | 18.0 | 11 7 | 1 49.64 | +21 24.5 | 1.236 | 2.208 | 6.7 | 20.3 |
| 11 17 | 1 45.51 | +7 23.2 | 1.176 | 2.102 | 12.7 | 18.3 | 11 17 | 1 40.82 | +20 31.9 | 1.297 | 2.230 | 11.1 | 20.6 |
| 11 27 | 1 41.38 | +6 33.9 | 1.244 | 2.104 | 17.2 | 18.6 | 11 27 | 1 35.13 | +19 44.5 | 1.381 | 2.251 | 15.2 | 20.9 |
| 27412 | Teague | 10 26.2 | 46°50 | 16°7/17.3 | 18 | | 126981 | 2002 <i>FW</i> ₂₆ | 10 26.2 | 84°41 | 4°2/22.7 | 18 | |
| 9 18 | 2 36.82 | -25 58.6 | 1.368 | 2.171 | 20.2 | 17.6 | 9 18 | 2 28.28 | +1 27.0 | 2.129 | 2.957 | 13.0 | 19.3 |
| 9 28 | 2 31.27 | -27 24.3 | 1.343 | 2.182 | 18.4 | 17.5 | 9 28 | 2 23.77 | +0 49.4 | 2.061 | 2.963 | 10.1 | 19.1 |
| 10 8 | 2 22.64 | -28 22.1 | 1.335 | 2.195 | 17.1 | 17.4 | 10 8 | 2 17.36 | +0 10.9 | 2.017 | 2.970 | 7.0 | 18.9 |
| 10 18 | 2 11.97 | -28 41.4 | 1.345 | 2.207 | 16.7 | 17.5 | 10 18 | 2 9.60 | -0 24.0 | 1.999 | 2.977 | 4.6 | 18.8 |
| 10 28 | 2 0.76 | -28 15.2 | 1.376 | 2.220 | 17.2 | 17.5 | 10 28 | 2 1.29 | -0 50.5 | 2.010 | 2.983 | 4.7 | 18.8 |
| 11 7 | 1 50.54 | -27 4.2 | 1.425 | 2.234 | 18.5 | 17.7 | 11 7 | 1 53.30 | -1 4.7 | 2.049 | 2.990 | 7.2 | 19.0 |
| 11 17 | 1 42.48 | -25 14.3 | 1.493 | 2.248 | 20.1 | 17.8 | 11 17 | 1 46.42 | -1 4.1 | 2.114 | 2.997 | 10.2 | 19.2 |
| 11 27 | 1 37.32 | -22 54.4 | 1.578 | 2.262 | 21.7 | 18.0 | 11 27 | 1 41.28 | -0 48.0 | 2.204 | 3.003 | 12.9 | 19.4 |
| 360394 | 2002 <i>EH</i> ₃₈ | 10 26.2 | 310°96 | 3°2/22.9 | 18 | | 328174 | 2008 <i>DP</i> | 10 26.2 | 142°14 | 1°5/25.1 | 16 | |
| 9 18 | 2 24.51 | +6 51.4 | 2.086 | 2.917 | 13.2 | 20.7 | 9 18 | 2 33.60 | +10 49.3 | 1.838 | 2.651 | 15.4 | 21.8 |
| 9 28 | 2 21.01 | +5 45.6 | 2.008 | 2.914 | 10.1 | 20.5 | 9 28 | 2 28.23 | +10 18.8 | 1.767 | 2.663 | 11.9 | 21.6 |
| 10 8 | 2 15.62 | +4 32.6 | 1.953 | 2.911 | 6.8 | 20.3 | 10 8 | 2 20.50 | +9 39.4 | 1.719 | 2.674 | 7.9 | 21.4 |
| 10 18 | 2 8.83 | +3 17.6 | 1.924 | 2.908 | 3.8 | 20.1 | 10 18 | 2 11.08 | +8 54.2 | 1.696 | 2.684 | 3.6 | 21.1 |
| 10 28 | 2 1.43 | +2 7.0 | 1.924 | 2.906 | 3.8 | 20.1 | 10 28 | 2 0.97 | +8 8.6 | 1.702 | 2.693 | 2.0 | 21.0 |
| 11 7 | 1 54.27 | +1 6.9 | 1.953 | 2.903 | 6.8 | 20.3 | 11 7 | 1 51.29 | +7 28.0 | 1.738 | 2.702 | 6.0 | 21.3 |
| 11 17 | 1 48.16 | +0 22.2 | 2.008 | 2.900 | 10.1 | 20.5 | 11 17 | 1 43.02 | +6 57.5 | 1.800 | 2.710 | 10.1 | 21.6 |
| 11 27 | 1 43.74 | -0 4.3 | 2.087 | 2.898 | 13.1 | 20.7 | 11 27 | 1 36.93 | +6 40.6 | 1.888 | 2.717 | 13.5 | 21.8 |
| 68815 | 2002 <i>GB</i> ₆₇ | 10 26.2 | 104°22 | 0°3/26.4 | 18 | | 162379 | 2000 <i>AF</i> ₂₀₂ | 10 26.2 | 359°36 | 3°3/29.1 | 18 | |
| 9 18 | 2 30.81 | +14 58.2 | 1.798 | 2.608 | 15.8 | 20.1 | 9 18 | 2 22.23 | +26 11.2 | 1.416 | 2.220 | 19.5 | 18.6 |
| 9 28 | 2 26.24 | +14 48.4 | 1.724 | 2.616 | 12.4 | 19.9 | 9 28 | 2 20.42 | +25 23.6 | 1.337 | 2.218 | 16.0 | 18.3 |
| 10 8 | 2 19.27 | +14 27.0 | 1.672 | 2.623 | 8.4 | 19.7 | 10 8 | 2 15.81 | +24 6.4 | 1.277 | 2.216 | 11.7 | 18.1 |
| 10 18 | 2 10.54 | +13 55.8 | 1.644 | 2.630 | 3.9 | 19.4 | 10 18 | 2 9.08 | +22 20.7 | 1.239 | 2.215 | 6.9 | 17.8 |
| 10 28 | 2 1.05 | +13 18.5 | 1.644 | 2.638 | 0.8 | 19.2 | 10 28 | 2 1.41 | +20 13.1 | 1.227 | 2.216 | 3.3 | 17.6 |
| 11 7 | 1 51.93 | +12 40.4 | 1.673 | 2.645 | 5.3 | 19.6 | 11 7 | 1 54.17 | +17 55.2 | 1.240 | 2.217 | 5.9 | 17.8 |
| 11 17 | 1 44.19 | +12 7.1 | 1.729 | 2.651 | 9.5 | 19.8 | 11 17 | 1 48.55 | +15 40.6 | 1.280 | 2.219 | 10.6 | 18.0 |
| 11 27 | 1 38.63 | +11 43.3 | 1.809 | 2.658 | 13.2 | 20.1 | 11 27 | 1 45.44 | +13 42.0 | 1.344 | 2.222 | 15.0 | 18.3 |
| 378075 | 2006 <i>UJ</i> ₆₂ | 10 26.2 | 10°96 | 0°7/26.6 | 18 | | 829 | Academia | 10 26.2 | 358°70 | 4°2/28.8 | 18 | R |
| 9 18 | 2 27.28 | +16 51.9 | 1.255 | 2.092 | 19.8 | 20.9 | 9 18 | 2 31.05 | +21 52.0 | 1.529 | 2.329 | 18.5 | 14.7 |
| 9 28 | 2 24.52 | +16 30.3 | 1.187 | 2.093 | 15.6 | 20.6 | 9 28 | 2 27.22 | +22 32.5 | 1.450 | 2.328 | 15.1 | 14.5 |
| 10 8 | 2 18.65 | +15 49.7 | 1.138 | 2.095 | 10.7 | 20.4 | 10 8 | 2 20.41 | +22 57.0 | 1.391 | 2.327 | 11.2 | 14.2 |
| 10 18 | 2 10.40 | +14 52.7 | 1.110 | 2.097 | 5.1 | 20.1 | 10 18 | 2 11.25 | +23 3.1 | 1.353 | 2.326 | 7.0 | 14.0 |
| 10 28 | 2 1.08 | +13 45.6 | 1.107 | 2.100 | 1.1 | 19.8 | 10 28 | 2 0.91 | +22 51.2 | 1.341 | 2.326 | 4.2 | 13.9 |
| 11 7 | 1 52.21 | +12 37.4 | 1.129 | 2.103 | 6.7 | 20.2 | 11 7 | 1 50.84 | +22 25.2 | 1.355 | 2.327 | 6.4 | 14.0 |
| 11 17 | 1 45.18 | +11 37.8 | 1.175 | 2.108 | 12.0 | 20.5 | 11 17 | 1 42.39 | +21 51.6 | 1.395 | 2.328 | 10.5 | 14.2 |
| 11 27 | 1 40.97 | +10 54.3 | 1.243 | 2.112 | 16.5 | 20.8 | 11 27 | 1 36.63 | +21 18.5 | 1.458 | 2.329 | 14.4 | 14.5 |
| 408361 | 2013 <i>GF</i> ₉₁ | 10 26.2 | 94°00 | 1°6/24.7 | 18 | | 266010 | 2006 <i>EW</i> ₃₃ | 10 26.2 | 293°42 | 5°0/30.4 | 17 | |
| 9 18 | 2 27.94 | +8 46.3 | 2.319 | 3.134 | 12.5 | 21.4 | 9 18 | 2 29.49 | +27 31.6 | 2.275 | 3.023 | 14.7 | 20.3 |
| 9 28 | 2 23.36 | +8 23.2 | 2.249 | 3.146 | 9.6 | 21.2 | 9 28 | 2 25.21 | +28 7.1 | 2.174 | 3.012 | 12.3 | 20.1 |
| 10 8 | 2 17.01 | +7 54.6 | 2.202 | 3.158 | 6.4 | 21.0 | 10 8 | 2 18.67 | +28 27.7 | 2.094 | 3.001 | 9.6 | 19.9 |
| 10 18 | 2 9.41 | +7 23.5 | 2.183 | 3.169 | 3.0 | 20.8 | 10 18 | 2 10.37 | +28 31.1 | 2.038 | 2.990 | 6.8 | 19.7 |
| 10 28 | 2 1.32 | +6 53.5 | 2.192 | 3.181 | 2.0 | 20.8 | 10 28 | 2 1.11 | +28 16.8 | 2.009 | 2.979 | 5.1 | 19.6 |
| 11 7 | 1 53.52 | +6 28.6 | 2.231 | 3.193 | 5.1 | 21.0 | 11 7 | 1 51.94 | +27 47.3 | 2.008 | 2.968 | 5.8 | 19.6 |
| 11 17 | 1 46.77 | +6 12.0 | 2.298 | 3.204 | 8.4 | 21.2 | 11 17 | 1 43.83 | +27 6.9 | 2.035 | 2.958 | 8.3 | 19.8 |
| 11 27 | 1 41.64 | +6 6.0 | 2.391 | 3.215 | 11.2 | 21.4 | 11 27 | 1 37.64 | +26 22.2 | 2.088 | 2.947 | 11.2 | 19.9 |
| 498460 | 2008 <i>CC</i> ₅ | 10 26.2 | 334°34 | 20°6/ | 7.0 | 17 | 508823 | 2001 <i>RX</i> ₁₄₃ | 10 26.2 | 105°75 | 0°1/27.9 | 17 | |
| 9 18 | 2 36.12 | +44 42.5 | 1.056 | 1.781 | 29.4 | 20.7 | 9 18 | 2 5.60 | +17 58.1 | 44.590 | 45.360 | 0.8 | 23.3 |
| 9 28 | 2 34.76 | +47 44.4 | 0.991 | 1.773 | 27.3 | 20.4 | 9 28 | 2 4.96 | +17 56.0 | 44.500 | 45.366 | 0.6 | 23.2 |
| 10 8 | 2 27.93 | +50 16.9 | 0.936 | 1.765 | 25.1 | 20.2 | 10 8 | 2 4.25 | +17 53.4 | 44.436 | 45.372 | 0.4 | 23.2 |
| 10 18 | 2 15.68 | +52 3.2 | 0.895 | 1.758 | 22.9 | 20.1 | 10 18 | 2 3.49 | +17 50.4 | 44.400 | 45.378 | 0.2 | 23.2 |
| 10 28 | 2 59.73 | +52 47.3 | 0.869 | 1.752 | 21.3 | 20.0 | 10 28 | 2 2.71 | +17 47.0 | 44.394 | 45.384 | 0.1 | 23.2 |
| 11 7 | 1 43.45 | +52 22.8 | 0.858 | 1.747 | 20.6 | 19.9 | 11 7 | 2 1.93 | +17 43.4 | 44.418 | 45.390 | 0.2 | 23.2 |
| 11 17 | 1 30.50 | +50 56.4 | 0.863 | 1.742 | 21.3 | 19.9 | 11 17 | 2 1.19 | +17 39.7 | 44.472 | 45.396 | 0.4 | 23.2 |
| 11 27 | 1 23.47 | +48 47.6 | 0.884 | 1.739 | 22.9 | 20.0 | 11 27 | 2 0.51 | +17 36.2 | 44.555 | 45.402 | 0 | |

EPHEMERIDES

10 26.2

10 26.2

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-----------|-------|---------|------|---------------|-------------------------------|-----------------|-----------|-------|---------|------|
| 85770 | 1998 <i>UP</i> ₁ | 10 26.2 113°59 | 38°5/30.0 | 16 | | | 82911 | 2001 <i>QH</i> ₁₀₁ | 10 26.2 311°98 | 2°6/24.0 | 18 | | |
| 9 18 | 5 36.24 | +17 30.3 | 0.370 | 1.077 | 68.9 | 20.9 | 9 18 | 2 26.61 | +8 14.5 | 1.888 | 2.719 | 14.4 | 19.5 |
| 9 28 | 5 20.44 | +30 27.6 | 0.334 | 1.128 | 59.7 | 20.5 | 9 28 | 2 22.91 | +7 29.3 | 1.809 | 2.715 | 11.1 | 19.2 |
| 10 8 | 4 46.64 | +45 14.7 | 0.316 | 1.174 | 49.7 | 20.2 | 10 8 | 2 17.05 | +6 36.2 | 1.752 | 2.711 | 7.4 | 19.0 |
| 10 18 | 3 35.50 | +58 25.6 | 0.324 | 1.215 | 41.7 | 20.1 | 10 18 | 2 9.60 | +5 39.7 | 1.721 | 2.708 | 3.7 | 18.8 |
| 10 28 | 1 40.65 | +64 30.2 | 0.361 | 1.250 | 38.6 | 20.3 | 10 28 | 2 1.40 | +4 45.7 | 1.718 | 2.704 | 3.1 | 18.8 |
| 11 7 | 0 2.17 | +62 55.2 | 0.420 | 1.279 | 39.3 | 20.7 | 11 7 | 1 53.47 | +4 0.1 | 1.742 | 2.701 | 6.6 | 19.0 |
| 11 17 | 23 12.92 | +58 43.7 | 0.493 | 1.303 | 41.4 | 21.2 | 11 17 | 1 46.72 | +3 27.9 | 1.793 | 2.698 | 10.4 | 19.2 |
| 11 27 | 22 54.68 | +54 52.8 | 0.572 | 1.322 | 43.3 | 21.6 | 11 27 | 1 41.89 | +3 12.2 | 1.868 | 2.694 | 13.8 | 19.4 |
| 392239 | 2009 <i>WP</i> ₁₂ | 10 26.2 37°65 | 1°5/23.8 | 18 | | | 152109 | 2004 <i>RE</i> ₁₅₄ | 10 26.2 257°71 | 4°7/30.4 | 17 | | |
| 9 18 | 2 19.97 | +5 52.2 | 4.156 | 4.968 | 7.5 | 21.2 | 9 18 | 2 29.82 | +27 26.0 | 2.293 | 3.040 | 14.6 | 20.3 |
| 9 28 | 2 16.54 | +5 31.3 | 4.075 | 4.970 | 5.7 | 21.1 | 9 28 | 2 25.38 | +27 54.1 | 2.197 | 3.035 | 12.2 | 20.2 |
| 10 8 | 2 12.18 | +5 8.3 | 4.018 | 4.972 | 3.8 | 21.0 | 10 8 | 2 18.75 | +28 6.9 | 2.121 | 3.029 | 9.4 | 20.0 |
| 10 18 | 2 7.18 | +4 45.1 | 3.991 | 4.975 | 2.0 | 20.8 | 10 18 | 2 10.41 | +28 2.4 | 2.070 | 3.023 | 6.6 | 19.8 |
| 10 28 | 2 1.89 | +4 23.9 | 3.993 | 4.977 | 1.8 | 20.8 | 10 28 | 2 1.21 | +27 40.6 | 2.045 | 3.017 | 4.8 | 19.7 |
| 11 7 | 1 56.72 | +4 6.5 | 4.026 | 4.980 | 3.5 | 20.9 | 11 7 | 1 52.14 | +27 4.2 | 2.050 | 3.011 | 5.5 | 19.7 |
| 11 17 | 1 52.03 | +3 54.7 | 4.089 | 4.982 | 5.4 | 21.1 | 11 17 | 1 44.16 | +26 18.2 | 2.082 | 3.005 | 8.1 | 19.8 |
| 11 27 | 1 48.16 | +3 49.9 | 4.178 | 4.984 | 7.1 | 21.2 | 11 27 | 1 38.09 | +25 29.0 | 2.140 | 2.999 | 11.0 | 20.0 |
| 363455 | 2003 <i>SG</i> ₁₉₀ | 10 26.2 17°10 | 2°9/28.8 | 14 | C | | 352315 | 2007 <i>UF</i> ₈₁ | 10 26.2 286°54 | 2°5/23.9 | 18 | | |
| 9 18 | 2 23.29 | +23 15.4 | 1.676 | 2.477 | 17.1 | 20.5 | 9 18 | 2 25.65 | +10 56.8 | 1.844 | 2.672 | 14.7 | 21.2 |
| 9 28 | 2 20.69 | +22 57.1 | 1.606 | 2.485 | 13.8 | 20.3 | 9 28 | 2 22.43 | +9 46.2 | 1.745 | 2.650 | 11.5 | 20.9 |
| 10 8 | 2 15.70 | +22 18.7 | 1.555 | 2.494 | 9.9 | 20.1 | 10 8 | 2 16.93 | +8 21.7 | 1.668 | 2.627 | 7.7 | 20.7 |
| 10 18 | 2 8.96 | +21 21.3 | 1.527 | 2.504 | 5.8 | 19.9 | 10 18 | 2 9.63 | +6 47.9 | 1.616 | 2.604 | 3.7 | 20.4 |
| 10 28 | 2 1.49 | +20 9.1 | 1.526 | 2.514 | 2.9 | 19.7 | 10 28 | 2 1.38 | +5 12.3 | 1.593 | 2.581 | 3.1 | 20.3 |
| 11 7 | 1 54.42 | +18 49.4 | 1.551 | 2.526 | 5.2 | 19.9 | 11 7 | 1 53.24 | +3 43.7 | 1.599 | 2.557 | 7.1 | 20.5 |
| 11 17 | 1 48.75 | +17 30.6 | 1.603 | 2.539 | 9.1 | 20.2 | 11 17 | 1 46.22 | +2 29.8 | 1.631 | 2.534 | 11.3 | 20.7 |
| 11 27 | 1 45.22 | +16 20.4 | 1.680 | 2.552 | 12.8 | 20.4 | 11 27 | 1 41.19 | +1 36.4 | 1.686 | 2.511 | 15.1 | 20.9 |
| 67833 | 2000 <i>VC</i> ₅₃ | 10 26.2 67°74 | 2°5/27.6 | 18 | | | 435645 | 2008 <i>SY</i> ₂₂₄ | 10 26.2 28°06 | 0°1/26.1 | 18 | | |
| 9 18 | 2 36.91 | +18 0.6 | 1.279 | 2.095 | 20.6 | 18.7 | 9 18 | 2 19.47 | +14 10.7 | 3.757 | 4.554 | 8.5 | 21.1 |
| 9 28 | 2 31.81 | +18 26.5 | 1.224 | 2.115 | 16.4 | 18.4 | 9 28 | 2 16.31 | +13 46.8 | 3.675 | 4.560 | 6.6 | 20.9 |
| 10 8 | 2 23.39 | +18 36.1 | 1.188 | 2.135 | 11.4 | 18.2 | 10 8 | 2 12.10 | +13 17.1 | 3.617 | 4.567 | 4.4 | 20.8 |
| 10 18 | 2 12.53 | +18 28.7 | 1.173 | 2.155 | 6.1 | 18.0 | 10 18 | 2 7.18 | +12 43.0 | 3.587 | 4.574 | 2.0 | 20.6 |
| 10 28 | 2 0.73 | +18 7.2 | 1.185 | 2.176 | 2.5 | 17.8 | 10 28 | 2 1.95 | +12 6.8 | 3.588 | 4.581 | 0.5 | 20.5 |
| 11 7 | 1 49.67 | +17 37.5 | 1.222 | 2.196 | 6.4 | 18.1 | 11 7 | 1 56.86 | +11 31.1 | 3.619 | 4.588 | 2.9 | 20.7 |
| 11 17 | 1 40.77 | +17 7.2 | 1.285 | 2.216 | 11.3 | 18.5 | 11 17 | 1 52.32 | +10 58.4 | 3.679 | 4.595 | 5.2 | 20.9 |
| 11 27 | 1 34.96 | +16 43.6 | 1.370 | 2.236 | 15.5 | 18.8 | 11 27 | 1 48.70 | +10 31.0 | 3.767 | 4.603 | 7.2 | 21.0 |
| 74583 | 1999 <i>NF</i> ₅₀ | 10 26.2 357°40 | 11°0/18.4 | 18 | | | 510136 | 2010 <i>UH</i> ₇₀ | 10 26.2 359°04 | 2°4/25.2 | 18 | | |
| 9 18 | 2 12.42 | -0 17.2 | 0.780 | 1.691 | 21.2 | 17.4 | 9 18 | 2 31.67 | +7 21.8 | 1.097 | 1.955 | 20.6 | 20.2 |
| 9 28 | 2 13.99 | -2 29.9 | 0.735 | 1.682 | 16.9 | 17.2 | 9 28 | 2 28.37 | +7 29.9 | 1.033 | 1.952 | 16.1 | 19.9 |
| 10 8 | 2 12.12 | -4 47.9 | 0.706 | 1.675 | 12.9 | 16.9 | 10 8 | 2 21.52 | +7 32.1 | 0.986 | 1.950 | 10.9 | 19.6 |
| 10 18 | 2 7.57 | -6 52.9 | 0.696 | 1.671 | 11.0 | 16.8 | 10 18 | 2 11.88 | +7 31.9 | 0.960 | 1.949 | 5.1 | 19.3 |
| 10 28 | 2 1.81 | -8 25.4 | 0.705 | 1.670 | 12.7 | 16.9 | 10 28 | 2 0.90 | +7 34.4 | 0.958 | 1.949 | 3.0 | 19.2 |
| 11 7 | 1 56.59 | -9 12.4 | 0.733 | 1.671 | 16.5 | 17.1 | 11 7 | 1 50.38 | +7 44.7 | 0.980 | 1.950 | 8.4 | 19.5 |
| 11 17 | 1 53.35 | -9 10.3 | 0.776 | 1.676 | 20.7 | 17.4 | 11 17 | 1 41.95 | +8 6.7 | 1.025 | 1.953 | 13.9 | 19.8 |
| 11 27 | 1 53.11 | -8 22.9 | 0.835 | 1.683 | 24.5 | 17.7 | 11 27 | 1 36.77 | +8 43.0 | 1.090 | 1.956 | 18.6 | 20.1 |
| 514998 | 2009 <i>KH</i> ₂₈ | 10 26.2 194°60 | 1°0/25.1 | 18 | | | 367829 | 2011 <i>BD</i> ₂₅ | 10 26.2 273°65 | 7°5/2.6 | 17 | | |
| 9 18 | 2 27.00 | +12 30.4 | 2.364 | 3.171 | 12.5 | 22.3 | 9 18 | 2 30.68 | +37 4.9 | 2.490 | 3.174 | 15.0 | 20.7 |
| 9 28 | 2 22.76 | +11 45.3 | 2.277 | 3.169 | 9.7 | 22.1 | 9 28 | 2 26.26 | +37 51.6 | 2.383 | 3.160 | 13.3 | 20.6 |
| 10 8 | 2 16.73 | +10 50.6 | 2.213 | 3.167 | 6.4 | 21.9 | 10 8 | 2 19.48 | +38 20.1 | 2.295 | 3.146 | 11.2 | 20.4 |
| 10 18 | 2 9.38 | +9 49.5 | 2.177 | 3.164 | 2.9 | 21.7 | 10 18 | 2 10.82 | +38 26.9 | 2.230 | 3.131 | 9.2 | 20.2 |
| 10 28 | 2 1.44 | +8 46.4 | 2.170 | 3.161 | 1.5 | 21.6 | 10 28 | 2 1.11 | +38 9.7 | 2.189 | 3.117 | 7.8 | 20.1 |
| 11 7 | 1 53.72 | +7 46.7 | 2.194 | 3.158 | 5.0 | 21.8 | 11 7 | 1 51.45 | +37 29.8 | 2.175 | 3.103 | 7.7 | 20.1 |
| 11 17 | 1 46.98 | +6 55.2 | 2.245 | 3.154 | 8.4 | 22.0 | 11 17 | 1 42.88 | +36 31.5 | 2.188 | 3.088 | 9.0 | 20.2 |
| 11 27 | 1 41.82 | +6 15.9 | 2.323 | 3.150 | 11.4 | 22.2 | 11 27 | 1 36.32 | +35 21.8 | 2.226 | 3.073 | 11.1 | 20.3 |
| 171686 | 2000 <i>SZ</i> ₁₂ | 10 26.2 45°53 | 1°8/25.1 | 18 | | | 401776 | 2014 <i>DU</i> ₆₆ | 10 26.2 98°30 | 4°8/22.3 | 18 | | |
| 9 18 | 2 29.81 | +13 11.1 | 1.021 | 1.878 | 21.9 | 19.4 | 9 18 | 2 28.53 | +2 26.9 | 1.828 | 2.663 | 14.5 | 20.6 |
| 9 28 | 2 26.57 | +12 18.8 | 0.981 | 1.900 | 16.9 | 19.1 | 9 28 | 2 24.29 | +1 26.2 | 1.764 | 2.671 | 11.3 | 20.4 |
| 10 8 | 2 19.92 | +11 9.6 | 0.958 | 1.922 | 11.1 | 18.9 | 10 8 | 2 17.88 | +0 22.5 | 1.724 | 2.679 | 7.8 | 20.2 |
| 10 18 | 2 10.91 | +9 50.4 | 0.956 | 1.946 | 4.9 | 18.7 | 10 18 | 2 9.93 | -0 37.8 | 1.708 | 2.686 | 5.1 | 20.0 |
| 10 28 | 2 1.14 | +8 31.8 | 0.978 | 1.970 | 2.5 | 18.6 | 10 28 | 2 1.35 | -1 28.2 | 1.721 | 2.693 | 5.4 | 20.1 |
| 11 7 | 1 52.31 | +7 24.7 | 1.024 | 1.994 | 8.1 | 19.0 | 11 7 | 1 53.17 | -2 3.0 | 1.760 | 2.701 | 8.2 | 20.3 |
| 11 17 | 1 45.74 | +6 37.1 | 1.093 | 2.019 | 13.4 | 19.4 | 11 17 | 1 46.27 | -2 18.9 | 1.826 | 2.708 | 11.5 | 20.5 |
| 11 27 | 1 42.23 | +6 13.2 | 1.182 | 2.045 | 17.7 | 19.7 | 11 27 | 1 41.35 | -2 14.8 | 1.914 | 2.715 | 14.5 | 20.7 |
| 227647 | 2006 <i>BY</i> ₁₂₀ | 10 26.2 337°76 | 0°8/25.4 | 17 | | | 216957 | 1999 <i>XH</i> ₂₂₅ | 10 26.2 27°35 | 3°2/24.6 | 18 | | |
| 9 18 | 2 25.25 | +12 40.0 | 2.173 | 2.988 | 13.2 | 20.7 | 9 18 | 2 28.28 | +8 10.2 | 0.976 | 1.846 | 21.6 | 19.4 |
| 9 28 | 2 21.58 | +12 6.2 | 2.090 | 2.986 | 10.3 | 20.5 | 9 28 | 2 25.58 | +7 44.3 | 0.935 | 1.861 | 16.6 | 19.2 |
| 10 8 | 2 16.03 | +11 22.7 | 2.029 | 2.984 | 6.8 | 20.3 | 10 8 | 2 19.40 | +7 9.0 | 0.910 | 1.878 | 11.0 | 19.0 |
| 10 18 | 2 9.08 | +10 32.5 | 1.995 | 2.983 | 3.1 | 20.1 | 10 18 | 2 10.75 | +6 30.7 | 0.906 | 1.895 | 5.3 | 18.7 |
| 10 28 | 2 1.51 | +9 39.9 | 1.989 | 2.981 | 1.3 | 19.9 | 10 28 | 2 1.20 | +5 57.6 | 0.925 | 1.915 | 3.9 | 18.7 |
| 11 7 | 1 54.16 | +8 50.2 | 2.013 | 2.980 | 5.0 | 20.2 | 11 7 | 1 52.50 | +5 37.6 | 0.967 | 1.935 | 8.8 | 19.1 |
| 11 17 | 1 47.84 | +8 8.3 | 2.064 | 2.978 | 8.7 | 20.4 | 11 17 | 1 46.05 | +5 35.4 | 1.031 | 1.957 | 14.0 | 19.4 |
| 11 27 | 1 43.20 | +7 37.9 | 2.140 | 2.977 | 11.9 | 20.6 | 11 27 | 1 42.71 | +5 52.9 | 1.114 | 1.980 | 18.4 | 19.8 |
| 403871 | 2011 <i>WU</i> ₂₅ | 10 26.2 101°12 | 0°8/25.5 | 18 | | | 460202 | 2014 <i>QT</i> ₁₄₈ | 10 26.2 336°07 | 11°9/11.7 | 16 | | |
| 9 18 | 2 28.25 | +12 34.7 | 1.965 | 2.781 | 14.4 | 21.7 | 9 18 | 2 19.38 | -12 32.6 | 1.646 | 2.498 | 15.1 | 20.8 |
| 9 28 | 2 24.07 | +12 8.3 | 1.889 | 2.785 | 11.2 | 21.5 | 9 28 | 2 17.75 | -15 14.1 | 1.583 | 2.477 | 13.1 | 20.6 |
| 10 8 | 2 17.75 | +11 31.9 | 1.835 | 2.790 | 7.5 | 21.3 | 10 8 | 2 13.86 | -17 50.1 | 1.543 | 2.456 | 12.0 | 20.5 |
| 10 18 | 2 9.89 | +10 48.6 | 1.806 | 2.794 | 3.4 | 21.0 | 10 18 | 2 8.22 | -20 7.6 | 1.528 | 2.436 | 12.2 | 20.5 |
| 10 28 | 2 1.34 | +10 2.8 | 1.806 | 2.798 | 1.3 | 20.9 | 10 28 | 2 1.71 | -21 54.4 | 1.536 | 2.417 | 13.7 | 20.5 |
| 11 7 | 1 53.11 | +9 19.9 | 1.835 | 2.803 | 5.4 | 21.2 | 11 7 | 1 55.40 | -23 2.6 | 1.565 | 2.400 | 15.9 | 20.6 |
| 11 17 | 1 46.07 | +8 44.7 | 1.890 | 2.807 | 9.2 | 21.4 | 11 17 | 1 50.27 | -23 29.8 | 1.614 | 2.383 | 18.2 | 20.8 |
| 11 27 | 1 40.96 | +8 21.3 | 1.971 | 2.811 | 12.6 | 21.7 | 11 27 | 1 47.15 | -23 17.9 | 1.678 | 2.368 | 20.4 | |

EPHEMERIDES

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|-------------|-------|---------|------|
| 378084 | 2006 <i>UM</i> ₈₇ | 10 26.2 220°29 | 2°1/24.9 18 | | | | 2328 | Robeson | 10 26.2 239°83 | 3°1/23.6 18 | | | |
| 9 18 | 2 35.74 | + 7 27.1 | 1.758 | 2.575 | 15.8 | 21.1 | 9 18 | 2 28.81 | + 9 12.5 | 1.752 | 2.580 | 15.4 | 17.1 |
| 9 28 | 2 30.30 | + 7 22.1 | 1.672 | 2.569 | 12.3 | 20.9 | 9 28 | 2 24.91 | + 8 1.4 | 1.664 | 2.570 | 11.9 | 16.9 |
| 10 8 | 2 22.21 | + 7 11.9 | 1.608 | 2.563 | 8.3 | 20.7 | 10 8 | 2 18.58 | + 6 38.4 | 1.599 | 2.558 | 8.0 | 16.6 |
| 10 18 | 2 12.07 | + 6 59.5 | 1.569 | 2.555 | 4.0 | 20.4 | 10 18 | 2 10.41 | + 5 9.0 | 1.560 | 2.546 | 4.1 | 16.4 |
| 10 28 | 2 0.90 | + 6 48.6 | 1.559 | 2.548 | 2.6 | 20.3 | 10 28 | 2 1.33 | + 3 41.1 | 1.549 | 2.534 | 3.8 | 16.3 |
| 11 7 | 1 49.97 | + 6 43.7 | 1.577 | 2.540 | 6.7 | 20.5 | 11 7 | 1 52.46 | + 2 23.4 | 1.566 | 2.521 | 7.6 | 16.5 |
| 11 17 | 1 40.43 | + 6 48.2 | 1.622 | 2.531 | 11.0 | 20.8 | 11 17 | 1 44.88 | + 1 22.8 | 1.609 | 2.508 | 11.8 | 16.7 |
| 11 27 | 1 33.24 | + 7 4.9 | 1.692 | 2.523 | 14.8 | 21.0 | 11 27 | 1 39.43 | + 0 43.9 | 1.675 | 2.494 | 15.5 | 17.0 |
| 367252 | 2007 <i>RU</i> ₃₄ | 10 26.2 33°49 | 2°9/27.7 17 | | | | 208119 | 2000 <i>CE</i> ₁₄₀ | 10 26.2 163°56 | 1°2/27.3 18 | | | |
| 9 18 | 2 31.45 | +18 37.6 | 1.029 | 1.870 | 22.9 | 20.3 | 9 18 | 2 29.76 | +18 19.7 | 2.255 | 3.042 | 13.7 | 21.7 |
| 9 28 | 2 28.36 | +19 1.9 | 0.976 | 1.881 | 18.3 | 20.1 | 9 28 | 2 25.06 | +18 6.9 | 2.170 | 3.046 | 10.9 | 21.5 |
| 10 8 | 2 21.52 | +19 6.0 | 0.939 | 1.893 | 12.8 | 19.8 | 10 8 | 2 18.36 | +17 42.0 | 2.108 | 3.050 | 7.5 | 21.3 |
| 10 18 | 2 11.85 | +18 49.5 | 0.923 | 1.906 | 6.9 | 19.5 | 10 18 | 2 10.20 | +17 6.0 | 2.072 | 3.053 | 3.9 | 21.1 |
| 10 28 | 2 0.98 | +18 16.0 | 0.928 | 1.920 | 2.9 | 19.4 | 10 28 | 2 1.38 | +16 21.9 | 2.064 | 3.056 | 1.3 | 20.9 |
| 11 7 | 1 50.84 | +17 33.5 | 0.958 | 1.934 | 7.1 | 19.7 | 11 7 | 1 52.83 | +15 34.1 | 2.087 | 3.059 | 4.4 | 21.1 |
| 11 17 | 1 43.07 | +16 51.6 | 1.010 | 1.949 | 12.6 | 20.0 | 11 17 | 1 45.37 | +14 47.7 | 2.138 | 3.061 | 7.9 | 21.3 |
| 11 27 | 1 38.72 | +16 19.4 | 1.083 | 1.965 | 17.4 | 20.4 | 11 27 | 1 39.69 | +14 7.8 | 2.215 | 3.063 | 11.1 | 21.5 |
| 100614 | 1997 <i>SX</i> ₃₄ | 10 26.2 15°26 | 4°9/22.3 18 | | | | 72423 | 2001 <i>CS</i> ₃₈ | 10 26.2 349°82 | 1°3/25.6 18 | | | |
| 9 18 | 2 15.51 | +10 58.0 | 0.950 | 1.836 | 20.7 | 17.3 | 9 18 | 2 32.38 | + 9 40.1 | 1.205 | 2.052 | 19.8 | 18.1 |
| 9 28 | 2 15.70 | + 8 49.7 | 0.913 | 1.850 | 15.7 | 17.1 | 9 28 | 2 28.75 | + 9 51.2 | 1.135 | 2.048 | 15.6 | 17.8 |
| 10 8 | 2 12.80 | + 6 24.1 | 0.894 | 1.866 | 10.2 | 16.9 | 10 8 | 2 21.73 | + 9 54.3 | 1.083 | 2.044 | 10.5 | 17.5 |
| 10 18 | 2 7.74 | + 3 55.4 | 0.897 | 1.885 | 5.6 | 16.7 | 10 18 | 2 12.02 | + 9 51.7 | 1.053 | 2.041 | 4.8 | 17.2 |
| 10 28 | 2 1.91 | + 1 40.8 | 0.923 | 1.907 | 6.0 | 16.8 | 10 28 | 2 0.97 | + 9 47.7 | 1.047 | 2.039 | 1.9 | 17.0 |
| 11 7 | 1 56.75 | - 0 5.6 | 0.972 | 1.931 | 10.5 | 17.1 | 11 7 | 1 50.30 | + 9 47.5 | 1.066 | 2.038 | 7.6 | 17.3 |
| 11 17 | 1 53.41 | - 1 15.7 | 1.042 | 1.956 | 15.2 | 17.5 | 11 17 | 1 41.57 | + 9 55.9 | 1.109 | 2.037 | 13.0 | 17.6 |
| 11 27 | 1 52.61 | - 1 48.4 | 1.131 | 1.984 | 19.1 | 17.8 | 11 27 | 1 35.92 | +10 16.7 | 1.173 | 2.037 | 17.7 | 17.9 |
| 78459 | 2002 <i>RR</i> ₃₅ | 10 26.2 13°88 | 2°3/27.9 18 | | | | 475957 | 2007 <i>GD</i> ₃₀ | 10 26.2 240°00 | 1°6/27.3 18 | | | |
| 9 18 | 2 26.09 | +20 42.4 | 1.526 | 2.339 | 18.0 | 19.0 | 9 18 | 2 32.84 | +17 16.2 | 1.764 | 2.565 | 16.4 | 22.2 |
| 9 28 | 2 23.16 | +20 31.0 | 1.453 | 2.341 | 14.4 | 18.8 | 9 28 | 2 28.21 | +17 26.8 | 1.674 | 2.558 | 13.1 | 21.9 |
| 10 8 | 2 17.55 | +20 0.4 | 1.399 | 2.345 | 10.2 | 18.5 | 10 8 | 2 20.92 | +17 24.9 | 1.605 | 2.550 | 9.2 | 21.7 |
| 10 18 | 2 9.93 | +19 11.7 | 1.368 | 2.349 | 5.6 | 18.3 | 10 18 | 2 11.54 | +17 10.5 | 1.560 | 2.543 | 4.8 | 21.4 |
| 10 28 | 2 1.41 | +18 9.0 | 1.362 | 2.353 | 2.3 | 18.1 | 10 28 | 2 1.08 | +16 45.7 | 1.543 | 2.535 | 1.7 | 21.2 |
| 11 7 | 1 53.27 | +16 59.8 | 1.383 | 2.359 | 5.6 | 18.3 | 11 7 | 1 50.81 | +16 14.9 | 1.554 | 2.527 | 5.4 | 21.4 |
| 11 17 | 1 46.67 | +15 52.4 | 1.430 | 2.364 | 10.1 | 18.6 | 11 17 | 1 41.91 | +15 44.0 | 1.592 | 2.519 | 9.9 | 21.7 |
| 11 27 | 1 42.48 | +14 55.1 | 1.501 | 2.371 | 14.1 | 18.9 | 11 27 | 1 35.35 | +15 18.9 | 1.655 | 2.510 | 13.9 | 21.9 |
| 223893 | 2004 <i>VB</i> ₂₃ | 10 26.2 28°33 | 6°3/22.0 18 | | | | 118152 | 5076 <i>T</i> ₋₃ | 10 26.2 79°29 | 3°6/23.3 18 | | | |
| 9 18 | 2 30.92 | - 5 2.5 | 1.917 | 2.747 | 14.2 | 19.3 | 9 18 | 2 28.72 | + 2 38.4 | 2.196 | 3.021 | 12.8 | 19.6 |
| 9 28 | 2 26.02 | - 5 28.9 | 1.856 | 2.753 | 11.3 | 19.1 | 9 28 | 2 24.13 | + 2 10.4 | 2.126 | 3.026 | 9.9 | 19.4 |
| 10 8 | 2 18.99 | - 5 50.3 | 1.818 | 2.760 | 8.5 | 19.0 | 10 8 | 2 17.66 | + 1 40.9 | 2.078 | 3.032 | 6.8 | 19.2 |
| 10 18 | 2 10.46 | - 6 1.5 | 1.804 | 2.768 | 6.5 | 18.9 | 10 18 | 2 9.85 | + 1 13.9 | 2.058 | 3.038 | 4.1 | 19.1 |
| 10 28 | 2 1.33 | - 5 57.7 | 1.818 | 2.776 | 6.8 | 18.9 | 10 28 | 2 1.49 | + 0 53.6 | 2.066 | 3.044 | 4.0 | 19.1 |
| 11 7 | 1 52.61 | - 5 36.3 | 1.859 | 2.784 | 9.0 | 19.1 | 11 7 | 1 53.42 | + 0 43.7 | 2.102 | 3.049 | 6.6 | 19.2 |
| 11 17 | 1 45.19 | - 4 56.8 | 1.926 | 2.793 | 11.8 | 19.3 | 11 17 | 1 46.43 | + 0 46.5 | 2.166 | 3.055 | 9.6 | 19.4 |
| 11 27 | 1 39.74 | - 4 0.5 | 2.015 | 2.802 | 14.4 | 19.5 | 11 27 | 1 41.14 | + 1 3.0 | 2.254 | 3.061 | 12.4 | 19.6 |
| 220695 | 2004 <i>RY</i> ₃₁₃ | 10 26.2 339°05 | 2°2/24.0 18 | | | | 126982 | 2002 <i>FL</i> ₂₇ | 10 26.2 99°72 | 7°1/20.4 17 | | | |
| 9 18 | 2 24.49 | + 9 43.1 | 2.032 | 2.859 | 13.6 | 20.1 | 9 18 | 2 32.22 | - 5 40.0 | 1.972 | 2.797 | 14.0 | 20.2 |
| 9 28 | 2 21.12 | + 8 46.1 | 1.952 | 2.856 | 10.5 | 19.9 | 9 28 | 2 26.77 | - 6 53.3 | 1.930 | 2.822 | 11.2 | 20.1 |
| 10 8 | 2 15.79 | + 7 40.0 | 1.895 | 2.854 | 6.9 | 19.7 | 10 8 | 2 19.32 | - 8 1.6 | 1.911 | 2.847 | 8.6 | 20.0 |
| 10 18 | 2 9.04 | + 6 29.2 | 1.864 | 2.851 | 3.4 | 19.5 | 10 18 | 2 10.55 | - 8 58.1 | 1.918 | 2.871 | 7.1 | 19.9 |
| 10 28 | 2 1.63 | + 5 19.8 | 1.862 | 2.849 | 2.8 | 19.4 | 10 28 | 2 1.37 | - 9 36.6 | 1.953 | 2.894 | 7.6 | 20.0 |
| 11 7 | 1 54.47 | + 4 18.0 | 1.888 | 2.847 | 6.2 | 19.6 | 11 7 | 1 52.73 | - 9 53.6 | 2.014 | 2.917 | 9.7 | 20.2 |
| 11 17 | 1 48.39 | + 3 29.0 | 1.941 | 2.845 | 9.8 | 19.8 | 11 17 | 1 45.44 | - 9 48.2 | 2.101 | 2.939 | 12.1 | 20.4 |
| 11 27 | 1 44.05 | + 2 56.7 | 2.019 | 2.844 | 13.0 | 20.1 | 11 27 | 1 40.08 | - 9 21.7 | 2.210 | 2.961 | 14.4 | 20.6 |
| 407570 | 2010 <i>YU</i> ₃ | 10 26.2 219°10 | 2°9/23.5 18 | | | | 43178 | 1999 <i>XH</i> ₂₀₁ | 10 26.2 71°38 | 1°1/27.2 18 | | | |
| 9 18 | 2 27.62 | + 4 9.2 | 2.524 | 3.342 | 11.5 | 20.9 | 9 18 | 2 28.84 | +16 58.1 | 2.206 | 3.001 | 13.7 | 19.3 |
| 9 28 | 2 23.11 | + 3 42.3 | 2.440 | 3.338 | 8.9 | 20.8 | 9 28 | 2 24.34 | +16 59.8 | 2.130 | 3.011 | 10.8 | 19.1 |
| 10 8 | 2 16.92 | + 3 12.8 | 2.380 | 3.334 | 6.1 | 20.6 | 10 8 | 2 17.88 | +16 51.1 | 2.076 | 3.020 | 7.5 | 18.9 |
| 10 18 | 2 9.51 | + 2 44.1 | 2.348 | 3.330 | 3.4 | 20.4 | 10 18 | 2 9.98 | +16 32.8 | 2.048 | 3.030 | 3.8 | 18.7 |
| 10 28 | 2 1.53 | + 2 19.8 | 2.345 | 3.326 | 3.3 | 20.4 | 10 28 | 2 1.47 | +16 7.4 | 2.048 | 3.040 | 1.2 | 18.5 |
| 11 7 | 1 53.74 | + 2 3.6 | 2.371 | 3.321 | 5.8 | 20.5 | 11 7 | 1 53.24 | +15 38.7 | 2.078 | 3.050 | 4.3 | 18.8 |
| 11 17 | 1 46.84 | + 1 57.9 | 2.426 | 3.317 | 8.7 | 20.7 | 11 17 | 1 46.13 | +15 11.0 | 2.136 | 3.060 | 7.9 | 19.0 |
| 11 27 | 1 41.42 | + 2 4.5 | 2.506 | 3.312 | 11.3 | 20.9 | 11 27 | 1 40.79 | +14 48.6 | 2.220 | 3.070 | 11.0 | 19.3 |
| 461258 | 2015 <i>XC</i> ₁₃ | 10 26.2 279°39 | 1°1/27.4 18 | | | | 72819 | Brunet | 10 26.2 322°64 | 2°7/23.5 18 | | | |
| 9 18 | 2 25.35 | +19 29.1 | 2.199 | 2.992 | 13.8 | 21.6 | 9 18 | 2 24.06 | + 7 43.2 | 2.190 | 3.018 | 12.7 | 19.3 |
| 9 28 | 2 21.79 | +18 56.4 | 2.105 | 2.985 | 11.0 | 21.4 | 9 28 | 2 20.66 | + 6 46.5 | 2.109 | 3.014 | 9.8 | 19.1 |
| 10 8 | 2 16.26 | +18 8.9 | 2.034 | 2.978 | 7.6 | 21.2 | 10 8 | 2 15.44 | + 5 42.6 | 2.051 | 3.009 | 6.5 | 18.8 |
| 10 18 | 2 9.26 | +17 8.3 | 1.988 | 2.971 | 3.9 | 20.9 | 10 18 | 2 8.89 | + 4 36.1 | 2.019 | 3.005 | 3.5 | 18.6 |
| 10 28 | 2 1.58 | +15 58.4 | 1.971 | 2.963 | 1.2 | 20.7 | 10 28 | 2 1.73 | + 3 32.5 | 2.016 | 3.000 | 3.2 | 18.6 |
| 11 7 | 1 54.09 | +14 44.9 | 1.983 | 2.956 | 4.4 | 20.9 | 11 7 | 1 54.79 | + 2 37.5 | 2.042 | 2.996 | 6.2 | 18.8 |
| 11 17 | 1 47.64 | +13 34.0 | 2.024 | 2.949 | 8.2 | 21.1 | 11 17 | 1 48.82 | + 1 55.7 | 2.095 | 2.992 | 9.5 | 19.0 |
| 11 27 | 1 42.92 | +12 32.0 | 2.090 | 2.942 | 11.5 | 21.4 | 11 27 | 1 44.46 | + 1 30.0 | 2.172 | 2.989 | 12.5 | 19.2 |
| 290871 | 2005 <i>WJ</i> ₅₇ | 10 26.2 316°36 | 1°5/27.9 18 | | | | 490967 | 2011 <i>DG</i> ₅₁ | 10 26.2 302°46 | 6°9/20.9 17 | | | |
| 9 18 | 2 23.28 | +19 44.0 | 2.810 | 3.592 | 11.4 | 19.9 | 9 18 | 2 30.68 | - 7 15.1 | 2.126 | 2.949 | 13.2 | 20.9 |
| 9 28 | 2 19.79 | +19 36.9 | 2.708 | 3.579 | 9.1 | 19.7 | 9 28 | 2 25.96 | - 7 49.9 | 2.037 | 2.926 | 10.8 | 20.7 |
| 10 8 | 2 14.74 | +19 19.3 | 2.629 | 3.567 | 6.5 | 19.6 | 10 8 | 2 19.12 | - 8 19.7 | 1.969 | 2.904 | 8.5 | 20.5 |
| 10 18 | 2 8.53 | +18 51.9 | 2.577 | 3.555 | 3.6 | 19.4 | 10 18 | 2 10.65 | - 8 38.8 | 1.928 | 2.882 | 7.0 | 20.3 |
| 10 28 | 2 1.74 | +18 16.7 | 2.553 | 3.544 | 1.5 | 19.2 | 10 28 | 2 1.34 | - 8 41.7 | 1.913 | 2.859 | 7.4 | 20.3 |
| 11 7 | 1 55.05 | +17 36.8 | 2.559 | 3.532 | 3.6 | 19.3 | 11 7 | 1 52.17 | - 8 24.8 | 1.926 | 2.837 | 9.6 | 20.4 |
| 11 17 | 1 49.12 | +16 56.2 | 2.594 | 3.521 | 6.6 | 19.5 | 11 17 | 1 44.05 | - 7 46.8 | 1.965 | 2.815 | 12.3 | 20.5 |
| 11 27 | 1 44.53 | +16 19.0 | 2.656 | 3.510 | 9.3 | 19.7 | 11 27 | 1 37.75 | - 6 48.8 | 2.026</ | | | |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|-------------|-------|---------|------|
| 172794 | 2004 <i>FU</i> ₆₀ | 10 26.2 242°50 | 4.4/22.4 18 | | | | 328390 | 2008 <i>RP</i> ₁₀₁ | 10 26.2 0°69 | 3.4/22.6 18 | | | |
| 9 18 | 2 29.05 | + 0 55.2 | 2.263 | 3.086 | 12.5 | 20.5 | 9 18 | 2 23.55 | + 5 51.6 | 2.232 | 3.062 | 12.4 | 20.9 |
| 9 28 | 2 24.50 | + 0 11.8 | 2.175 | 3.074 | 9.8 | 20.3 | 9 28 | 2 20.20 | + 4 41.8 | 2.156 | 3.062 | 9.6 | 20.7 |
| 10 8 | 2 18.01 | - 0 33.1 | 2.112 | 3.062 | 6.9 | 20.1 | 10 8 | 2 15.09 | + 3 26.1 | 2.104 | 3.062 | 6.5 | 20.5 |
| 10 18 | 2 10.09 | - 1 14.9 | 2.075 | 3.050 | 4.7 | 19.9 | 10 18 | 2 8.73 | + 2 9.6 | 2.080 | 3.062 | 3.8 | 20.4 |
| 10 28 | 2 1.47 | - 1 48.6 | 2.066 | 3.037 | 4.9 | 19.9 | 10 28 | 2 1.82 | + 0 58.4 | 2.084 | 3.062 | 4.0 | 20.4 |
| 11 7 | 1 53.02 | - 2 9.7 | 2.087 | 3.023 | 7.4 | 20.0 | 11 7 | 1 55.15 | - 0 1.7 | 2.117 | 3.062 | 6.7 | 20.6 |
| 11 17 | 1 45.55 | - 2 15.3 | 2.134 | 3.010 | 10.4 | 20.2 | 11 17 | 1 49.44 | - 0 46.5 | 2.176 | 3.063 | 9.7 | 20.8 |
| 11 27 | 1 39.75 | - 2 4.1 | 2.205 | 2.996 | 13.2 | 20.4 | 11 27 | 1 45.29 | - 1 13.4 | 2.260 | 3.063 | 12.5 | 20.9 |
| 152788 | 1999 <i>TS</i> ₂₈ | 10 26.2 4°67 | 1.9/24.7 18 | | | | 514218 | 2015 <i>OU</i> ₁₂ | 10 26.2 52°92 | 4.3/23.1 18 | | | |
| 9 18 | 2 22.15 | +12 6.6 | 1.551 | 2.394 | 16.3 | 18.9 | 9 18 | 2 29.36 | + 3 16.6 | 1.714 | 2.551 | 15.3 | 20.9 |
| 9 28 | 2 19.91 | +11 10.5 | 1.481 | 2.394 | 12.6 | 18.7 | 9 28 | 2 25.15 | + 2 33.8 | 1.649 | 2.557 | 11.9 | 20.7 |
| 10 8 | 2 15.29 | +10 0.9 | 1.433 | 2.395 | 8.3 | 18.5 | 10 8 | 2 18.62 | + 1 48.0 | 1.606 | 2.563 | 8.1 | 20.5 |
| 10 18 | 2 8.90 | + 8 43.2 | 1.408 | 2.397 | 3.8 | 18.2 | 10 18 | 2 10.40 | + 1 4.6 | 1.588 | 2.569 | 4.9 | 20.4 |
| 10 28 | 2 1.74 | + 7 25.0 | 1.410 | 2.400 | 2.5 | 18.1 | 10 28 | 2 1.47 | + 0 29.9 | 1.597 | 2.575 | 4.9 | 20.4 |
| 11 7 | 1 54.94 | + 6 14.6 | 1.438 | 2.404 | 6.8 | 18.4 | 11 7 | 1 52.95 | + 0 9.1 | 1.633 | 2.582 | 8.0 | 20.6 |
| 11 17 | 1 49.48 | + 5 19.1 | 1.491 | 2.409 | 11.1 | 18.7 | 11 17 | 1 45.80 | + 0 5.3 | 1.695 | 2.588 | 11.6 | 20.8 |
| 11 27 | 1 46.16 | + 4 43.2 | 1.567 | 2.416 | 14.9 | 18.9 | 11 27 | 1 40.77 | + 0 19.8 | 1.779 | 2.595 | 14.8 | 21.0 |
| 275843 | 2001 <i>SC</i> ₃₀ | 10 26.2 11°77 | 2.8/24.3 18 | | | | 420498 | 2012 <i>FW</i> ₁₄ | 10 26.2 112°33 | 3.6/29.8 18 | | | |
| 9 18 | 2 24.22 | +11 16.7 | 1.206 | 2.063 | 19.1 | 19.6 | 9 18 | 2 27.93 | +25 43.2 | 2.387 | 3.144 | 13.9 | 20.9 |
| 9 28 | 2 22.13 | +10 13.0 | 1.145 | 2.065 | 14.8 | 19.3 | 9 28 | 2 23.70 | +25 49.6 | 2.300 | 3.148 | 11.4 | 20.7 |
| 10 8 | 2 17.07 | + 8 53.7 | 1.103 | 2.069 | 9.8 | 19.0 | 10 8 | 2 17.51 | +25 40.8 | 2.234 | 3.152 | 8.6 | 20.5 |
| 10 18 | 2 9.79 | + 7 25.9 | 1.084 | 2.073 | 4.6 | 18.8 | 10 18 | 2 9.88 | +25 16.4 | 2.193 | 3.156 | 5.6 | 20.4 |
| 10 28 | 2 1.56 | + 5 59.7 | 1.089 | 2.078 | 3.5 | 18.7 | 10 28 | 2 1.58 | +24 37.7 | 2.180 | 3.160 | 3.7 | 20.2 |
| 11 7 | 1 53.83 | + 4 46.0 | 1.118 | 2.084 | 8.4 | 19.0 | 11 7 | 1 53.51 | +23 48.5 | 2.196 | 3.163 | 4.7 | 20.3 |
| 11 17 | 1 47.85 | + 3 52.9 | 1.171 | 2.091 | 13.3 | 19.3 | 11 17 | 1 46.51 | +22 53.7 | 2.240 | 3.167 | 7.4 | 20.5 |
| 11 27 | 1 44.54 | + 3 25.2 | 1.245 | 2.099 | 17.6 | 19.6 | 11 27 | 1 41.23 | +21 59.5 | 2.311 | 3.171 | 10.3 | 20.7 |
| 154447 | 2003 <i>CZ</i> ₁ | 10 26.2 205°26 | 2°0/24.6 18 | | | | 58963 | 1998 <i>QR</i> ₁₀₀ | 10 26.2 53°55 | 3°0/24.1 18 | | | |
| 9 18 | 2 30.91 | + 9 28.8 | 1.911 | 2.730 | 14.7 | 21.2 | 9 18 | 2 29.39 | + 7 55.0 | 1.540 | 2.378 | 16.7 | 18.9 |
| 9 28 | 2 26.30 | + 8 51.9 | 1.827 | 2.726 | 11.4 | 21.0 | 9 28 | 2 25.28 | + 7 10.5 | 1.487 | 2.397 | 12.8 | 18.7 |
| 10 8 | 2 19.39 | + 8 6.4 | 1.766 | 2.722 | 7.6 | 20.8 | 10 8 | 2 18.70 | + 6 18.7 | 1.456 | 2.416 | 8.5 | 18.5 |
| 10 18 | 2 10.78 | + 7 16.1 | 1.730 | 2.717 | 3.6 | 20.5 | 10 18 | 2 10.41 | + 5 25.1 | 1.449 | 2.436 | 4.2 | 18.3 |
| 10 28 | 2 1.35 | + 6 26.3 | 1.723 | 2.712 | 2.6 | 20.4 | 10 28 | 2 1.49 | + 4 36.3 | 1.469 | 2.456 | 3.5 | 18.3 |
| 11 7 | 1 52.18 | + 5 42.8 | 1.745 | 2.706 | 6.3 | 20.7 | 11 7 | 1 53.15 | + 3 58.6 | 1.516 | 2.476 | 7.3 | 18.6 |
| 11 17 | 1 44.24 | + 5 10.7 | 1.794 | 2.700 | 10.3 | 20.9 | 11 17 | 1 46.37 | + 3 36.6 | 1.588 | 2.496 | 11.3 | 18.9 |
| 11 27 | 1 38.33 | + 4 53.5 | 1.867 | 2.693 | 13.8 | 21.1 | 11 27 | 1 41.87 | + 3 32.3 | 1.683 | 2.516 | 14.7 | 19.2 |
| 240137 | 2002 <i>JK</i> ₆₃ | 10 26.2 79°33 | 2°4/24.4 18 | | | | 506605 | 2006 <i>BW</i> ₃₄ | 10 26.2 149°73 | 0°8/26.7 17 | | | |
| 9 18 | 2 32.12 | + 8 29.3 | 1.775 | 2.597 | 15.4 | 20.8 | 9 18 | 2 33.73 | +16 16.2 | 1.408 | 2.227 | 18.9 | 22.1 |
| 9 28 | 2 26.98 | + 7 50.2 | 1.723 | 2.624 | 11.8 | 20.6 | 9 28 | 2 29.34 | +16 6.2 | 1.335 | 2.231 | 15.0 | 21.9 |
| 10 8 | 2 19.61 | + 7 4.4 | 1.694 | 2.651 | 7.8 | 20.4 | 10 8 | 2 21.88 | +15 40.2 | 1.282 | 2.234 | 10.3 | 21.6 |
| 10 18 | 2 10.75 | + 6 16.5 | 1.691 | 2.677 | 3.8 | 20.2 | 10 18 | 2 12.05 | +15 0.0 | 1.251 | 2.237 | 5.0 | 21.4 |
| 10 28 | 2 1.39 | + 5 31.9 | 1.715 | 2.703 | 2.9 | 20.2 | 10 28 | 2 1.14 | +14 10.1 | 1.247 | 2.240 | 1.1 | 21.1 |
| 11 7 | 1 52.61 | + 4 56.1 | 1.769 | 2.729 | 6.4 | 20.5 | 11 7 | 1 50.65 | +13 17.8 | 1.269 | 2.242 | 6.3 | 21.5 |
| 11 17 | 1 45.30 | + 4 33.0 | 1.849 | 2.754 | 10.1 | 20.8 | 11 17 | 1 41.97 | +12 31.1 | 1.317 | 2.244 | 11.4 | 21.8 |
| 11 27 | 1 40.10 | + 4 25.0 | 1.953 | 2.779 | 13.3 | 21.0 | 11 27 | 1 36.08 | +11 56.9 | 1.387 | 2.246 | 15.8 | 22.0 |
| 511362 | 2014 <i>FQ</i> ₃₂ | 10 26.2 175°22 | 2°4/28.3 18 | | | | 300401 | 2007 <i>RM</i> ₂₅₉ | 10 26.2 222°00 | 3°0/23.8 18 | | | |
| 9 18 | 2 33.65 | +20 37.7 | 2.419 | 3.185 | 13.5 | 22.1 | 9 18 | 2 27.81 | + 7 42.2 | 1.840 | 2.671 | 14.7 | 20.4 |
| 9 28 | 2 28.05 | +20 55.9 | 2.328 | 3.187 | 10.9 | 21.9 | 9 28 | 2 23.92 | + 6 50.0 | 1.764 | 2.669 | 11.3 | 20.2 |
| 10 8 | 2 20.40 | +21 2.7 | 2.259 | 3.189 | 7.8 | 21.7 | 10 8 | 2 17.81 | + 5 49.9 | 1.710 | 2.668 | 7.6 | 19.9 |
| 10 18 | 2 11.21 | +20 57.8 | 2.217 | 3.191 | 4.6 | 21.5 | 10 18 | 2 10.06 | + 4 46.9 | 1.681 | 2.667 | 4.0 | 19.7 |
| 10 28 | 2 1.27 | +20 42.0 | 2.205 | 3.192 | 2.4 | 21.4 | 10 28 | 2 1.57 | + 3 47.4 | 1.680 | 2.665 | 3.5 | 19.7 |
| 11 7 | 1 51.51 | +20 18.4 | 2.222 | 3.192 | 4.4 | 21.5 | 11 7 | 1 53.38 | + 2 57.8 | 1.708 | 2.664 | 7.0 | 19.9 |
| 11 17 | 1 42.83 | +19 50.9 | 2.269 | 3.192 | 7.6 | 21.7 | 11 17 | 1 46.41 | + 2 23.0 | 1.761 | 2.662 | 10.8 | 20.1 |
| 11 27 | 1 35.95 | +19 24.4 | 2.344 | 3.191 | 10.6 | 21.9 | 11 27 | 1 41.43 | + 2 6.2 | 1.838 | 2.661 | 14.2 | 20.4 |
| 135068 | 2001 <i>PP</i> ₂₇ | 10 26.2 316°78 | 4.4/29.7 18 | | | | 417355 | 2006 <i>EY</i> ₆₇ | 10 26.2 0°25 | 4.5/30.2 18 | | | |
| 9 18 | 2 28.60 | +25 17.0 | 1.853 | 2.629 | 16.6 | 19.5 | 9 18 | 2 29.27 | +26 37.7 | 2.251 | 3.005 | 14.7 | 21.3 |
| 9 28 | 2 24.95 | +25 37.2 | 1.762 | 2.622 | 13.8 | 19.3 | 9 28 | 2 24.98 | +27 4.9 | 2.161 | 3.004 | 12.2 | 21.1 |
| 10 8 | 2 18.76 | +25 39.8 | 1.690 | 2.614 | 10.4 | 19.1 | 10 8 | 2 18.52 | +27 16.8 | 2.092 | 3.004 | 9.3 | 20.9 |
| 10 18 | 2 10.59 | +25 23.1 | 1.642 | 2.607 | 6.9 | 18.9 | 10 18 | 2 10.41 | +27 11.9 | 2.048 | 3.004 | 6.5 | 20.7 |
| 10 28 | 2 1.39 | +24 47.8 | 1.619 | 2.599 | 4.5 | 18.7 | 10 28 | 2 1.49 | +26 50.5 | 2.030 | 3.004 | 4.6 | 20.6 |
| 11 7 | 1 52.37 | +23 58.0 | 1.624 | 2.593 | 5.8 | 18.8 | 11 7 | 1 52.75 | +26 15.5 | 2.041 | 3.005 | 5.4 | 20.7 |
| 11 17 | 1 44.65 | +23 0.3 | 1.655 | 2.586 | 9.2 | 19.0 | 11 17 | 1 45.13 | +25 31.9 | 2.080 | 3.005 | 8.0 | 20.8 |
| 11 27 | 1 39.17 | +22 2.8 | 1.711 | 2.580 | 12.8 | 19.2 | 11 27 | 1 39.41 | +24 45.9 | 2.144 | 3.005 | 10.9 | 21.0 |
| 475940 | 2007 <i>EL</i> ₁₄₈ | 10 26.2 119°49 | 2°9/23.9 18 | | | | 119381 | 2001 <i>SH</i> ₃₂₆ | 10 26.2 76°04 | 1°0/27.0 18 | | | |
| 9 18 | 2 30.76 | + 7 42.4 | 1.751 | 2.579 | 15.4 | 21.8 | 9 18 | 2 29.50 | +18 54.7 | 1.521 | 2.334 | 18.0 | 20.0 |
| 9 28 | 2 26.18 | + 6 55.4 | 1.685 | 2.588 | 11.9 | 21.6 | 9 28 | 2 25.69 | +18 19.7 | 1.454 | 2.345 | 14.3 | 19.8 |
| 10 8 | 2 19.26 | + 6 1.0 | 1.640 | 2.598 | 7.9 | 21.4 | 10 8 | 2 19.18 | +17 25.9 | 1.407 | 2.356 | 9.8 | 19.5 |
| 10 18 | 2 10.68 | + 5 4.3 | 1.621 | 2.607 | 4.0 | 21.2 | 10 18 | 2 10.71 | +16 15.9 | 1.383 | 2.367 | 4.8 | 19.3 |
| 10 28 | 2 1.41 | + 4 11.6 | 1.631 | 2.616 | 3.5 | 21.2 | 10 28 | 2 1.45 | +14 55.8 | 1.386 | 2.379 | 1.1 | 19.1 |
| 11 7 | 1 52.56 | + 3 29.0 | 1.668 | 2.625 | 7.0 | 21.4 | 11 7 | 1 52.68 | +13 34.3 | 1.416 | 2.390 | 5.7 | 19.4 |
| 11 17 | 1 45.11 | + 3 1.2 | 1.731 | 2.633 | 10.9 | 21.7 | 11 17 | 1 45.56 | +12 20.0 | 1.473 | 2.401 | 10.4 | 19.7 |
| 11 27 | 1 39.80 | + 2 50.7 | 1.818 | 2.641 | 14.3 | 21.9 | 11 27 | 1 40.88 | +11 20.3 | 1.553 | 2.412 | 14.4 | 20.0 |
| 404000 | 2012 <i>BH</i> ₁₃₇ | 10 26.2 302°82 | 0°5/26.7 18 | | | | 266478 | 2008 <i>CA</i> ₄₁ | 10 26.2 37°52 | 8°7/ 2.5 17 | | | |
| 9 18 | 2 27.09 | +16 2.1 | 2.041 | 2.847 | 14.3 | 21.5 | 9 18 | 2 32.51 | +35 5.5 | 1.797 | 2.519 | 18.9 | 20.5 |
| 9 28 | 2 23.29 | +15 47.6 | 1.953 | 2.841 | 11.3 | 21.3 | 9 28 | 2 28.33 | +36 10.9 | 1.723 | 2.529 | 16.4 | 20.4 |
| 10 8 | 2 17.38 | +15 21.4 | 1.886 | 2.835 | 7.7 | 21.1 | 10 8 | 2 21.18 | +36 53.7 | 1.668 | 2.540 | 13.6 | 20.2 |
| 10 18 | 2 9.86 | +14 45.1 | 1.844 | 2.829 | 3.7 | 20.8 | 10 18 | 2 11.75 | +37 8.9 | 1.633 | 2.550 | 10.9 | 20.1 |
| 10 28 | 2 1.57 | +14 2.0 | 1.830 | 2.823 | 0.8 | 20.6 | 10 28 | 2 1.20 | +36 54.3 | 1.621 | 2.562 | 9.0 | 20.0 |
| 11 7 | 1 53.47 | +13 17.0 | 1.845 | 2.817 | 4.8 | 20.9 | 11 7 | 1 50.99 | +36 12.7 | 1.635 | 2.573 | 8.9 | 20.0 |
| 11 17 | 1 46.48 | +12 35.7 | 1.888 | 2.812 | 8.8 | 21.1 | 11 17 | 1 42.44 | +35 10.8 | 1.674 | 2.585 | 10.6 | 20.2 |
| 11 27 | 1 41.35 | +12 2.8 | 1.955 | 2.806 | 12.2 | 21.3 | 11 | | | | | | |

EPHEMERIDES

10 26.2

10 26.2

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|-------------|-------|---------|------|
| 377008 | 2002 <i>QQ</i> ₁₁₃ | 10 26.2 177°02 | 2°8/28.5 16 | | | | 66599 | 1999 <i>RM</i> ₁₈₄ | 10 26.2 29°02 | 9°1/19.1 18 | | | |
| 9 18 | 2 31.34 | +22 58.7 | 1.723 | 2.509 | 17.3 | 21.6 | 9 18 | 2 24.32 | - 2 29.9 | 1.278 | 2.145 | 17.7 | 18.5 |
| 9 28 | 2 27.06 | +22 41.3 | 1.640 | 2.511 | 14.0 | 21.4 | 9 28 | 2 21.80 | - 4 34.6 | 1.237 | 2.156 | 14.0 | 18.3 |
| 10 8 | 2 20.12 | +22 3.8 | 1.576 | 2.512 | 10.1 | 21.1 | 10 8 | 2 16.60 | - 6 37.5 | 1.218 | 2.169 | 10.8 | 18.2 |
| 10 18 | 2 11.19 | +21 6.7 | 1.537 | 2.512 | 5.9 | 20.9 | 10 18 | 2 9.52 | - 8 26.3 | 1.221 | 2.183 | 9.1 | 18.1 |
| 10 28 | 2 1.34 | +19 53.3 | 1.524 | 2.513 | 2.8 | 20.7 | 10 28 | 2 1.75 | - 9 48.9 | 1.248 | 2.197 | 10.2 | 18.2 |
| 11 7 | 1 51.83 | +18 30.8 | 1.539 | 2.513 | 5.4 | 20.9 | 11 7 | 1 54.57 | -10 38.0 | 1.299 | 2.213 | 13.0 | 18.5 |
| 11 17 | 1 43.82 | +17 7.9 | 1.582 | 2.512 | 9.7 | 21.1 | 11 17 | 1 49.06 | -10 51.7 | 1.371 | 2.229 | 16.1 | 18.7 |
| 11 27 | 1 38.19 | +15 53.4 | 1.650 | 2.511 | 13.6 | 21.4 | 11 27 | 1 45.94 | -10 32.4 | 1.461 | 2.246 | 19.0 | 18.9 |
| 15132 | Steigmeyer | 10 26.2 319°79 | 1°6/25.1 18 | R | | | 407053 | 2009 <i>SY</i> ₁₃₆ | 10 26.2 284°29 | 0°1/26.2 18 | | | |
| 9 18 | 2 26.06 | +13 22.0 | 1.394 | 2.234 | 18.0 | 19.1 | 9 18 | 2 24.79 | +15 49.2 | 2.291 | 3.095 | 13.0 | 21.4 |
| 9 28 | 2 23.42 | +12 29.2 | 1.314 | 2.225 | 14.1 | 18.8 | 9 28 | 2 21.23 | +15 6.9 | 2.202 | 3.091 | 10.2 | 21.2 |
| 10 8 | 2 17.95 | +11 19.3 | 1.255 | 2.216 | 9.4 | 18.5 | 10 8 | 2 15.85 | +14 12.6 | 2.137 | 3.088 | 6.8 | 21.0 |
| 10 18 | 2 10.28 | +9 57.1 | 1.218 | 2.207 | 4.3 | 18.2 | 10 18 | 2 9.14 | +13 8.9 | 2.097 | 3.084 | 3.2 | 20.8 |
| 10 28 | 2 1.52 | +8 30.7 | 1.208 | 2.199 | 2.3 | 18.1 | 10 28 | 2 1.81 | +12 0.1 | 2.087 | 3.080 | 0.7 | 20.6 |
| 11 7 | 1 53.06 | +7 10.0 | 1.223 | 2.191 | 7.4 | 18.4 | 11 7 | 1 54.70 | +10 51.9 | 2.106 | 3.076 | 4.6 | 20.9 |
| 11 17 | 1 46.16 | +6 4.3 | 1.263 | 2.184 | 12.4 | 18.6 | 11 17 | 1 48.56 | +9 49.9 | 2.154 | 3.073 | 8.1 | 21.1 |
| 11 27 | 1 41.78 | +5 20.1 | 1.325 | 2.177 | 16.8 | 18.9 | 11 27 | 1 44.02 | +8 58.8 | 2.228 | 3.069 | 11.3 | 21.3 |
| 13259 | Bhat | 10 26.2 74°28 | 4°4/23.1 18 | | | | 96855 | 1999 <i>RK</i> ₂₃₈ | 10 26.2 341°75 | 3°1/24.5 18 | | | |
| 9 18 | 2 29.90 | +6 21.0 | 1.419 | 2.263 | 17.5 | 18.0 | 9 18 | 2 30.31 | +5 40.2 | 1.432 | 2.277 | 17.4 | 19.3 |
| 9 28 | 2 25.93 | +5 9.3 | 1.364 | 2.277 | 13.5 | 17.7 | 9 28 | 2 26.62 | +5 33.0 | 1.357 | 2.269 | 13.6 | 19.0 |
| 10 8 | 2 19.28 | +3 49.9 | 1.329 | 2.290 | 9.1 | 17.5 | 10 8 | 2 20.06 | +5 21.7 | 1.301 | 2.261 | 9.2 | 18.8 |
| 10 18 | 2 10.73 | +2 30.3 | 1.320 | 2.303 | 5.2 | 17.3 | 10 18 | 2 11.26 | +5 10.2 | 1.268 | 2.255 | 4.7 | 18.5 |
| 10 28 | 2 1.46 | +1 19.6 | 1.336 | 2.317 | 5.1 | 17.4 | 10 28 | 2 1.35 | +5 3.7 | 1.261 | 2.249 | 3.7 | 18.4 |
| 11 7 | 1 52.77 | +0 25.9 | 1.378 | 2.331 | 8.8 | 17.6 | 11 7 | 1 51.73 | +5 7.0 | 1.280 | 2.244 | 7.8 | 18.6 |
| 11 17 | 1 45.75 | - 0 5.9 | 1.445 | 2.344 | 12.9 | 17.9 | 11 17 | 1 43.68 | +5 23.5 | 1.324 | 2.240 | 12.4 | 18.9 |
| 11 27 | 1 41.19 | - 0 13.9 | 1.534 | 2.357 | 16.4 | 18.2 | 11 27 | 1 38.20 | +5 55.3 | 1.390 | 2.236 | 16.5 | 19.1 |
| 205188 | 2000 <i>DR</i> ₄₂ | 10 26.2 177°85 | 2°1/28.2 18 | | | | 331201 | 2011 <i>BX</i> ₁₉ | 10 26.2 335°54 | 2°5/24.3 18 | | | |
| 9 18 | 2 30.91 | +20 32.1 | 2.398 | 3.170 | 13.4 | 21.3 | 9 18 | 2 25.21 | +7 53.3 | 1.852 | 2.687 | 14.4 | 20.4 |
| 9 28 | 2 25.93 | +20 33.3 | 2.308 | 3.172 | 10.7 | 21.1 | 9 28 | 2 22.01 | +7 22.9 | 1.768 | 2.676 | 11.2 | 20.2 |
| 10 8 | 2 18.98 | +20 22.3 | 2.240 | 3.173 | 7.7 | 20.9 | 10 8 | 2 16.62 | +6 45.5 | 1.706 | 2.666 | 7.5 | 19.9 |
| 10 18 | 2 10.57 | +19 59.2 | 2.198 | 3.174 | 4.3 | 20.7 | 10 18 | 2 9.57 | +6 5.1 | 1.669 | 2.656 | 3.7 | 19.7 |
| 10 28 | 2 1.47 | +19 26.0 | 2.185 | 3.174 | 2.1 | 20.5 | 10 28 | 2 1.72 | +5 26.8 | 1.659 | 2.646 | 3.0 | 19.6 |
| 11 7 | 1 52.58 | +18 46.2 | 2.202 | 3.174 | 4.2 | 20.7 | 11 7 | 1 54.05 | +4 56.2 | 1.676 | 2.638 | 6.5 | 19.8 |
| 11 17 | 1 44.74 | +18 4.6 | 2.249 | 3.173 | 7.5 | 20.9 | 11 17 | 1 47.52 | +4 37.5 | 1.720 | 2.630 | 10.4 | 20.0 |
| 11 27 | 1 38.63 | +17 26.2 | 2.322 | 3.172 | 10.6 | 21.1 | 11 27 | 1 42.92 | +4 33.9 | 1.787 | 2.622 | 13.9 | 20.2 |
| 23962 | 1998 <i>WO</i> ₁ | 10 26.2 34°31 | 1°3/25.2 18 | | | | 49123 | 1998 <i>SX</i> ₁₆ | 10 26.2 135°87 | 2°0/24.7 18 | | | |
| 9 18 | 2 25.87 | +11 19.5 | 1.877 | 2.703 | 14.6 | 17.7 | 9 18 | 2 29.89 | +11 12.4 | 1.614 | 2.443 | 16.5 | 18.7 |
| 9 28 | 2 22.28 | +10 47.7 | 1.812 | 2.715 | 11.3 | 17.6 | 9 28 | 2 25.82 | +10 21.8 | 1.543 | 2.447 | 12.8 | 18.4 |
| 10 8 | 2 16.61 | +10 7.0 | 1.769 | 2.727 | 7.4 | 17.4 | 10 8 | 2 19.23 | +9 19.4 | 1.492 | 2.451 | 8.5 | 18.2 |
| 10 18 | 2 9.46 | +9 20.8 | 1.752 | 2.740 | 3.4 | 17.1 | 10 18 | 2 10.76 | +8 9.9 | 1.467 | 2.455 | 3.9 | 17.9 |
| 10 28 | 2 1.73 | +8 34.3 | 1.763 | 2.754 | 1.8 | 17.1 | 10 28 | 2 1.48 | +7 0.3 | 1.468 | 2.458 | 2.6 | 17.9 |
| 11 7 | 1 54.36 | +7 52.8 | 1.801 | 2.768 | 5.6 | 17.3 | 11 7 | 1 52.60 | +5 58.3 | 1.498 | 2.462 | 6.9 | 18.1 |
| 11 17 | 1 48.22 | +7 21.1 | 1.866 | 2.782 | 9.4 | 17.6 | 11 17 | 1 45.19 | +5 10.6 | 1.553 | 2.465 | 11.2 | 18.4 |
| 11 27 | 1 43.97 | +7 2.5 | 1.955 | 2.797 | 12.7 | 17.8 | 11 27 | 1 40.08 | +4 41.2 | 1.632 | 2.468 | 15.0 | 18.7 |
| 273751 | 2007 <i>EV</i> ₁₃₈ | 10 26.2 153°33 | 1°8/24.8 17 | | | | 212566 | 2006 <i>ST</i> ₈₄ | 10 26.2 39°78 | 0°0/26.3 18 | | | |
| 9 18 | 2 31.48 | +9 57.8 | 1.970 | 2.785 | 14.4 | 21.6 | 9 18 | 2 28.89 | +14 12.7 | 1.746 | 2.564 | 15.9 | 20.5 |
| 9 28 | 2 26.56 | +9 20.8 | 1.896 | 2.792 | 11.2 | 21.4 | 9 28 | 2 24.91 | +14 1.4 | 1.674 | 2.570 | 12.4 | 20.3 |
| 10 8 | 2 19.46 | +8 35.6 | 1.844 | 2.799 | 7.4 | 21.2 | 10 8 | 2 18.55 | +13 38.7 | 1.623 | 2.577 | 8.4 | 20.1 |
| 10 18 | 2 10.79 | +7 45.8 | 1.818 | 2.805 | 3.5 | 21.0 | 10 18 | 2 10.44 | +13 6.9 | 1.597 | 2.584 | 3.9 | 19.8 |
| 10 28 | 2 1.45 | +6 56.5 | 1.821 | 2.811 | 2.3 | 20.9 | 10 28 | 2 1.55 | +12 30.0 | 1.598 | 2.591 | 0.8 | 19.6 |
| 11 7 | 1 52.45 | +6 13.3 | 1.854 | 2.816 | 5.9 | 21.2 | 11 7 | 1 53.03 | +11 53.5 | 1.626 | 2.598 | 5.4 | 20.0 |
| 11 17 | 1 44.72 | +5 40.7 | 1.914 | 2.821 | 9.7 | 21.4 | 11 17 | 1 45.87 | +11 22.6 | 1.682 | 2.606 | 9.6 | 20.2 |
| 11 27 | 1 38.95 | +5 22.2 | 1.998 | 2.824 | 13.0 | 21.6 | 11 27 | 1 40.86 | +11 2.2 | 1.761 | 2.614 | 13.3 | 20.5 |
| 223986 | 2005 <i>AZ</i> ₃₉ | 10 26.2 347°53 | 7°3/22.5 18 | | | | 71832 | 2000 <i>UQ</i> ₆₃ | 10 26.2 165°55 | 1°5/27.2 18 | | | |
| 9 18 | 2 31.22 | - 5 59.8 | 1.598 | 2.437 | 16.1 | 18.8 | 9 18 | 2 36.18 | +17 17.9 | 1.775 | 2.569 | 16.6 | 18.8 |
| 9 28 | 2 26.96 | - 6 13.2 | 1.524 | 2.426 | 13.0 | 18.6 | 9 28 | 2 30.68 | +17 23.4 | 1.695 | 2.574 | 13.2 | 18.6 |
| 10 8 | 2 20.07 | - 6 19.4 | 1.471 | 2.416 | 9.9 | 18.4 | 10 8 | 2 22.50 | +17 15.9 | 1.635 | 2.579 | 9.2 | 18.3 |
| 10 18 | 2 11.18 | - 6 12.2 | 1.441 | 2.407 | 7.6 | 18.2 | 10 18 | 2 12.30 | +16 55.7 | 1.600 | 2.583 | 4.7 | 18.1 |
| 10 28 | 2 1.36 | - 5 46.3 | 1.437 | 2.399 | 7.7 | 18.2 | 10 28 | 2 1.15 | +16 25.5 | 1.594 | 2.586 | 1.5 | 17.9 |
| 11 7 | 1 51.84 | - 4 58.9 | 1.459 | 2.392 | 10.3 | 18.4 | 11 7 | 1 50.34 | +15 50.0 | 1.616 | 2.588 | 5.4 | 18.1 |
| 11 17 | 1 43.78 | - 3 50.4 | 1.506 | 2.386 | 13.6 | 18.6 | 11 17 | 1 41.03 | +15 15.2 | 1.666 | 2.590 | 9.7 | 18.4 |
| 11 27 | 1 38.07 | - 2 23.3 | 1.575 | 2.382 | 16.8 | 18.8 | 11 27 | 1 34.12 | +14 47.1 | 1.741 | 2.591 | 13.5 | 18.7 |
| 3221 | Changshi | 10 26.2 60°73 | 2°4/24.9 18 | | | | 473599 | 2015 <i>XK</i> ₂₅₈ | 10 26.2 105°11 | 4°4/31.3 18 | | | |
| 9 18 | 2 33.82 | +9 24.2 | 1.185 | 2.031 | 20.1 | 15.9 | 9 18 | 2 27.23 | +30 10.8 | 2.489 | 3.221 | 14.0 | 21.0 |
| 9 28 | 2 29.47 | +8 58.2 | 1.135 | 2.048 | 15.6 | 15.7 | 9 28 | 2 23.10 | +30 3.4 | 2.403 | 3.229 | 11.7 | 20.9 |
| 10 8 | 2 21.88 | +8 22.1 | 1.103 | 2.065 | 10.3 | 15.4 | 10 8 | 2 17.07 | +29 38.1 | 2.338 | 3.237 | 9.1 | 20.7 |
| 10 18 | 2 11.98 | +7 41.1 | 1.094 | 2.082 | 4.8 | 15.2 | 10 18 | 2 9.69 | +28 54.4 | 2.297 | 3.245 | 6.4 | 20.6 |
| 10 28 | 2 1.22 | +7 2.4 | 1.110 | 2.100 | 3.0 | 15.1 | 10 28 | 2 1.72 | +27 53.8 | 2.283 | 3.253 | 4.5 | 20.4 |
| 11 7 | 1 51.23 | +6 33.2 | 1.151 | 2.118 | 7.9 | 15.5 | 11 7 | 1 54.05 | +26 40.7 | 2.299 | 3.261 | 4.9 | 20.5 |
| 11 17 | 1 43.33 | +6 19.1 | 1.216 | 2.136 | 12.9 | 15.8 | 11 17 | 1 47.44 | +25 20.8 | 2.344 | 3.269 | 7.2 | 20.6 |
| 11 27 | 1 38.41 | +6 22.9 | 1.302 | 2.154 | 17.1 | 16.1 | 11 27 | 1 42.55 | +24 1.0 | 2.415 | 3.277 | 9.8 | 20.8 |
| 226051 | 2002 <i>GC</i> ₁₁₃ | 10 26.2 66°82 | 4°0/22.9 18 | | | | 378545 | 2008 <i>CJ</i> ₂₅ | 10 26.2 178°01 | 2°6/24.3 17 | | | |
| 9 18 | 2 29.75 | +1 54.6 | 2.102 | 2.928 | 13.3 | 19.7 | 9 18 | 2 32.11 | +8 35.4 | 1.808 | 2.629 | 15.3 | 21.6 |
| 9 28 | 2 24.79 | +1 14.0 | 2.055 | 2.955 | 10.2 | 19.6 | 9 28 | 2 27.30 | +7 50.8 | 1.731 | 2.631 | 11.8 | 21.4 |
| 10 8 | 2 18.01 | +0 32.7 | 2.031 | 2.983 | 7.0 | 19.4 | 10 8 | 2 20.11 | +6 57.8 | 1.676 | 2.632 | 7.9 | 21.2 |
| 10 18 | 2 10.02 | - 0 4.5 | 2.033 | 3.011 | 4.4 | 19.3 | 10 18 | 2 11.16 | +6 0.9 | 1.647 | 2.633 | 3.9 | 20.9 |
| 10 28 | 2 1.64 | - 0 33.2 | 2.064 | 3.038 | 4.5 | 19.4 | 10 28 | 2 1.41 | +5 6.2 | 1.646 | 2.633 | 3.1 | 20.9 |
| 11 7 | 1 53.73 | - 0 49.5 | 2.124 | 3.065 | 6.9 | 19.6 | 11 7 | 1 52.00 | +4 19.9 | 1.674 | 2.633 | 6.8 | 21.1 |
| 11 17 | 1 47.03 | - 0 51.4 | 2.210 | 3.093 | 9.8 | 19.8 | 11 17 | 1 43.93 | +3 47.2 | 1.728 | 2.632 | 10.8 | 21.4 |
| 11 27 | 1 42.08 | - 0 38.5 | 2.321 | 3.120 | 12.4 | 20.0 | 11 27 | 1 38.01 | +3 31.4 | 1.807 | 2.630 | 14.3 | 21.6 |

EPHEMERIDES

10 26.2

10 26.3

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|-----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 304271 | 2006 <i>RK</i> ₁₀₂ | 10 26.2 | 9°38 | 0°8/26.9 | 18 | | 517851 | 2015 <i>RV</i> ₂₀₉ | 10 26.3 | 160°45 | 1°1/25.3 | 18 | |
| 9 18 | 2 25.43 | +17 14.7 | 1.525 | 2.351 | 17.4 | 20.4 | 9 18 | 2 27.88 | +11 35.9 | 2.215 | 3.027 | 13.1 | 21.8 |
| 9 28 | 2 22.63 | +16 52.9 | 1.453 | 2.352 | 13.8 | 20.2 | 9 28 | 2 23.62 | +11 4.4 | 2.135 | 3.029 | 10.2 | 21.6 |
| 10 8 | 2 17.24 | +16 14.7 | 1.401 | 2.354 | 9.4 | 19.9 | 10 8 | 2 17.45 | +10 24.4 | 2.077 | 3.032 | 6.8 | 21.4 |
| 10 18 | 2 9.90 | +15 22.2 | 1.372 | 2.357 | 4.6 | 19.6 | 10 18 | 2 9.90 | +9 38.9 | 2.046 | 3.034 | 3.1 | 21.2 |
| 10 28 | 2 1.68 | +14 20.8 | 1.368 | 2.361 | 1.0 | 19.4 | 10 28 | 2 1.73 | +8 52.0 | 2.044 | 3.036 | 1.5 | 21.1 |
| 11 7 | 1 53.83 | +13 17.8 | 1.391 | 2.366 | 5.7 | 19.7 | 11 7 | 1 53.82 | +8 8.6 | 2.072 | 3.037 | 5.1 | 21.3 |
| 11 17 | 1 47.45 | +12 21.0 | 1.440 | 2.371 | 10.3 | 20.0 | 11 17 | 1 46.95 | +7 33.2 | 2.127 | 3.039 | 8.6 | 21.5 |
| 11 27 | 1 43.41 | +11 37.1 | 1.512 | 2.377 | 14.4 | 20.3 | 11 27 | 1 41.78 | +7 9.2 | 2.208 | 3.040 | 11.7 | 21.7 |
| 73416 | 2002 <i>LP</i> ₃₄ | 10 26.3 | 134°89 | 2°0/28.0 | 18 | | 509119 | 2005 <i>WX</i> ₁₇₇ | 10 26.3 | 256°10 | 0°2/26.4 | 18 | |
| 9 18 | 2 30.07 | +20 55.6 | 2.013 | 2.797 | 15.2 | 20.0 | 9 18 | 2 30.59 | +14 59.4 | 1.816 | 2.626 | 15.7 | 22.0 |
| 9 28 | 2 25.58 | +20 39.2 | 1.933 | 2.805 | 12.2 | 19.8 | 9 28 | 2 26.42 | +14 44.6 | 1.722 | 2.614 | 12.4 | 21.8 |
| 10 8 | 2 18.88 | +20 7.2 | 1.875 | 2.813 | 8.6 | 19.6 | 10 8 | 2 19.74 | +14 17.4 | 1.649 | 2.601 | 8.5 | 21.5 |
| 10 18 | 2 10.57 | +19 20.7 | 1.842 | 2.820 | 4.7 | 19.4 | 10 18 | 2 11.11 | +13 39.4 | 1.601 | 2.587 | 4.0 | 21.3 |
| 10 28 | 2 1.55 | +18 22.8 | 1.837 | 2.827 | 2.0 | 19.2 | 10 28 | 2 1.45 | +12 54.3 | 1.581 | 2.574 | 0.8 | 21.0 |
| 11 7 | 1 52.87 | +17 19.2 | 1.861 | 2.834 | 4.7 | 19.4 | 11 7 | 1 51.94 | +12 7.8 | 1.589 | 2.560 | 5.5 | 21.3 |
| 11 17 | 1 45.46 | +16 16.3 | 1.913 | 2.840 | 8.5 | 19.7 | 11 17 | 1 43.69 | +11 26.1 | 1.624 | 2.546 | 10.0 | 21.5 |
| 11 27 | 1 40.05 | +15 20.7 | 1.991 | 2.846 | 11.9 | 19.9 | 11 27 | 1 37.60 | +10 54.9 | 1.683 | 2.532 | 14.0 | 21.7 |
| 488163 | 2015 <i>XA</i> ₆ | 10 26.3 | 24°75 | 10°0/18.6 | 17 | | 326491 | 2002 <i>GE</i> ₉₈ | 10 26.3 | 226°80 | 0°5/25.9 | 18 | |
| 9 18 | 2 28.70 | -13 31.5 | 1.808 | 2.636 | 15.0 | 20.7 | 9 18 | 2 30.23 | +15 15.5 | 1.530 | 2.352 | 17.5 | 21.1 |
| 9 28 | 2 24.49 | -14 39.2 | 1.761 | 2.643 | 12.7 | 20.6 | 9 28 | 2 26.45 | +14 33.8 | 1.449 | 2.347 | 13.8 | 20.8 |
| 10 8 | 2 18.08 | -15 35.5 | 1.736 | 2.650 | 10.8 | 20.5 | 10 8 | 2 19.89 | +13 35.3 | 1.387 | 2.343 | 9.3 | 20.6 |
| 10 18 | 2 10.15 | -16 12.6 | 1.733 | 2.657 | 10.0 | 20.5 | 10 18 | 2 11.18 | +12 23.3 | 1.350 | 2.338 | 4.3 | 20.3 |
| 10 28 | 2 1.65 | -16 24.2 | 1.756 | 2.665 | 10.6 | 20.5 | 10 28 | 2 1.46 | +11 4.4 | 1.340 | 2.333 | 1.2 | 20.0 |
| 11 7 | 1 53.62 | -16 7.6 | 1.802 | 2.674 | 12.3 | 20.7 | 11 7 | 1 52.04 | +9 47.3 | 1.357 | 2.327 | 6.5 | 20.4 |
| 11 17 | 1 46.95 | -15 23.4 | 1.871 | 2.683 | 14.5 | 20.8 | 11 17 | 1 44.17 | +8 40.7 | 1.400 | 2.321 | 11.4 | 20.7 |
| 11 27 | 1 42.29 | -14 15.1 | 1.959 | 2.692 | 16.5 | 21.0 | 11 27 | 1 38.78 | +7 51.2 | 1.465 | 2.316 | 15.6 | 20.9 |
| 370545 | 2003 <i>TF</i> ₁₅ | 10 26.3 | 19°46 | 0°7/26.6 | 18 | | 449044 | 2012 <i>DL</i> ₁₃ | 10 26.3 | 241°76 | 3°8/21.9 | 17 | |
| 9 18 | 2 33.49 | +12 55.0 | 1.123 | 1.967 | 21.1 | 20.1 | 9 18 | 2 25.35 | +3 10.4 | 2.549 | 3.372 | 11.3 | 22.2 |
| 9 28 | 2 29.81 | +13 26.3 | 1.061 | 1.971 | 16.7 | 19.8 | 9 28 | 2 21.46 | +2 1.4 | 2.459 | 3.360 | 8.8 | 22.0 |
| 10 8 | 2 22.55 | +13 46.7 | 1.017 | 1.976 | 11.4 | 19.5 | 10 8 | 2 15.93 | +0 48.2 | 2.394 | 3.347 | 6.1 | 21.8 |
| 10 18 | 2 12.49 | +13 56.4 | 0.995 | 1.982 | 5.4 | 19.2 | 10 18 | 2 9.20 | -0 24.6 | 2.358 | 3.334 | 4.0 | 21.6 |
| 10 28 | 2 1.14 | +13 58.1 | 0.996 | 1.989 | 1.1 | 19.0 | 10 28 | 2 1.89 | -1 31.3 | 2.350 | 3.321 | 4.4 | 21.6 |
| 11 7 | 1 50.33 | +13 56.6 | 1.021 | 1.997 | 7.1 | 19.4 | 11 7 | 1 54.71 | -2 26.8 | 2.372 | 3.307 | 6.7 | 21.8 |
| 11 17 | 1 41.68 | +13 57.9 | 1.071 | 2.005 | 12.7 | 19.7 | 11 17 | 1 48.36 | -3 7.4 | 2.422 | 3.293 | 9.5 | 21.9 |
| 11 27 | 1 36.31 | +14 7.3 | 1.141 | 2.014 | 17.4 | 20.0 | 11 27 | 1 43.42 | -3 30.8 | 2.495 | 3.278 | 12.0 | 22.1 |
| 221468 | 2006 <i>BJ</i> ₁₃₅ | 10 26.3 | 248°45 | 0°1/26.2 | 17 | | 86716 | 2000 <i>GW</i> ₁₀ | 10 26.3 | 65°76 | 2°6/27.8 | 18 | |
| 9 18 | 2 26.97 | +14 10.6 | 2.469 | 3.270 | 12.3 | 21.7 | 9 18 | 2 35.99 | +19 14.1 | 1.181 | 2.002 | 21.7 | 19.0 |
| 9 28 | 2 22.84 | +13 52.0 | 2.373 | 3.260 | 9.6 | 21.5 | 9 28 | 2 31.38 | +19 25.4 | 1.130 | 2.023 | 17.3 | 18.8 |
| 10 8 | 2 16.92 | +13 24.4 | 2.300 | 3.250 | 6.5 | 21.3 | 10 8 | 2 23.30 | +19 17.0 | 1.097 | 2.045 | 12.1 | 18.6 |
| 10 18 | 2 9.66 | +12 49.5 | 2.254 | 3.241 | 3.0 | 21.0 | 10 18 | 2 12.70 | +18 49.2 | 1.084 | 2.066 | 6.5 | 18.3 |
| 10 28 | 2 1.75 | +12 10.4 | 2.237 | 3.230 | 0.7 | 20.8 | 10 28 | 2 1.17 | +18 6.0 | 1.097 | 2.088 | 2.6 | 18.2 |
| 11 7 | 1 53.97 | +11 31.3 | 2.250 | 3.220 | 4.3 | 21.1 | 11 7 | 1 50.47 | +17 15.5 | 1.135 | 2.110 | 6.6 | 18.5 |
| 11 17 | 1 47.08 | +10 56.1 | 2.292 | 3.210 | 7.8 | 21.3 | 11 17 | 1 42.05 | +16 26.9 | 1.197 | 2.131 | 11.6 | 18.8 |
| 11 27 | 1 41.73 | +10 29.0 | 2.360 | 3.199 | 10.8 | 21.5 | 11 27 | 1 36.82 | +15 48.4 | 1.281 | 2.153 | 16.0 | 19.2 |
| 120489 | 1993 <i>FL</i> ₁₉ | 10 26.3 | 102°95 | 4°6/22.2 | 18 | | 265425 | 2004 <i>TO</i> ₃₅₄ | 10 26.3 | 331°07 | 0°8/25.6 | 17 | |
| 9 18 | 2 28.43 | +3 39.0 | 1.877 | 2.710 | 14.3 | 20.1 | 9 18 | 2 25.75 | +12 31.7 | 1.991 | 2.811 | 14.1 | 21.6 |
| 9 28 | 2 24.17 | +2 22.1 | 1.818 | 2.724 | 11.0 | 20.0 | 9 28 | 2 22.30 | +12 7.6 | 1.905 | 2.803 | 11.0 | 21.4 |
| 10 8 | 2 17.83 | +1 1.0 | 1.782 | 2.737 | 7.6 | 19.8 | 10 8 | 2 16.77 | +11 33.7 | 1.841 | 2.796 | 7.4 | 21.2 |
| 10 18 | 2 10.04 | -0 17.6 | 1.772 | 2.750 | 4.9 | 19.7 | 10 18 | 2 9.66 | +10 52.7 | 1.802 | 2.790 | 3.3 | 20.9 |
| 10 28 | 2 1.69 | -1 26.4 | 1.790 | 2.763 | 5.2 | 19.7 | 10 28 | 2 1.79 | +10 8.7 | 1.791 | 2.784 | 1.3 | 20.8 |
| 11 7 | 1 53.76 | -2 19.3 | 1.837 | 2.776 | 8.0 | 19.9 | 11 7 | 1 54.12 | +9 27.1 | 1.809 | 2.778 | 5.3 | 21.0 |
| 11 17 | 1 47.10 | -2 52.5 | 1.909 | 2.788 | 11.3 | 20.1 | 11 17 | 1 47.55 | +8 52.8 | 1.853 | 2.772 | 9.2 | 21.3 |
| 11 27 | 1 42.35 | -3 4.5 | 2.004 | 2.800 | 14.1 | 20.3 | 11 27 | 1 42.81 | +8 30.1 | 1.922 | 2.767 | 12.7 | 21.5 |
| 444956 | 2008 <i>CH</i> ₂₀₄ | 10 26.3 | 307°73 | 2°7/23.8 | 18 | | 69995 | 1998 <i>WE</i> ₃₈ | 10 26.3 | 68°73 | 1°3/25.2 | 18 | |
| 9 18 | 2 26.29 | +8 0.0 | 2.000 | 2.828 | 13.8 | 21.9 | 9 18 | 2 29.95 | +9 52.9 | 2.155 | 2.967 | 13.4 | 20.0 |
| 9 28 | 2 22.59 | +7 9.4 | 1.921 | 2.825 | 10.6 | 21.6 | 9 28 | 2 25.06 | +9 36.8 | 2.096 | 2.991 | 10.3 | 19.8 |
| 10 8 | 2 16.87 | +6 11.2 | 1.865 | 2.823 | 7.1 | 21.4 | 10 8 | 2 18.28 | +9 14.5 | 2.060 | 3.014 | 6.8 | 19.7 |
| 10 18 | 2 9.66 | +5 10.0 | 1.835 | 2.821 | 3.6 | 21.2 | 10 18 | 2 10.23 | +8 48.8 | 2.050 | 3.037 | 3.1 | 19.5 |
| 10 28 | 2 1.77 | +4 11.7 | 1.834 | 2.819 | 3.2 | 21.2 | 10 28 | 2 1.70 | +8 23.3 | 2.070 | 3.061 | 1.7 | 19.4 |
| 11 7 | 1 54.14 | +3 22.1 | 1.860 | 2.817 | 6.5 | 21.4 | 11 7 | 1 53.59 | +8 1.9 | 2.119 | 3.084 | 5.0 | 19.7 |
| 11 17 | 1 47.61 | +2 45.9 | 1.914 | 2.815 | 10.0 | 21.6 | 11 17 | 1 46.65 | +7 47.8 | 2.196 | 3.107 | 8.4 | 20.0 |
| 11 27 | 1 42.89 | +2 26.2 | 1.991 | 2.813 | 13.2 | 21.8 | 11 27 | 1 41.47 | +7 43.6 | 2.298 | 3.130 | 11.4 | 20.2 |
| 386286 | 2008 <i>RU</i> ₈₄ | 10 26.3 | 48°26 | 1°9/27.6 | 18 | | 407906 | 2012 <i>BG</i> ₁₄₅ | 10 26.3 | 55°30 | 5°1/21.5 | 18 | |
| 9 18 | 2 30.33 | +19 9.0 | 1.624 | 2.430 | 17.4 | 21.4 | 9 18 | 2 26.13 | +0 15.7 | 2.049 | 2.884 | 13.2 | 21.2 |
| 9 28 | 2 26.39 | +19 5.2 | 1.546 | 2.431 | 13.9 | 21.2 | 9 28 | 2 22.31 | -0 49.2 | 1.985 | 2.890 | 10.3 | 21.1 |
| 10 8 | 2 19.77 | +18 45.0 | 1.487 | 2.433 | 9.8 | 20.9 | 10 8 | 2 16.58 | -1 55.2 | 1.944 | 2.896 | 7.4 | 20.9 |
| 10 18 | 2 11.10 | +18 9.3 | 1.452 | 2.434 | 5.2 | 20.7 | 10 18 | 2 9.50 | -2 56.3 | 1.930 | 2.902 | 5.3 | 20.8 |
| 10 28 | 2 1.47 | +17 21.2 | 1.444 | 2.436 | 1.9 | 20.5 | 10 28 | 2 1.87 | -3 46.3 | 1.943 | 2.907 | 5.7 | 20.8 |
| 11 7 | 1 52.17 | +16 27.1 | 1.463 | 2.437 | 5.5 | 20.7 | 11 7 | 1 54.55 | -4 20.3 | 1.983 | 2.913 | 8.1 | 21.0 |
| 11 17 | 1 44.38 | +15 34.3 | 1.508 | 2.439 | 10.0 | 21.0 | 11 17 | 1 48.32 | -4 35.4 | 2.049 | 2.920 | 11.0 | 21.2 |
| 11 27 | 1 39.00 | +14 49.9 | 1.578 | 2.441 | 14.0 | 21.2 | 11 27 | 1 43.82 | -4 30.9 | 2.138 | 2.926 | 13.7 | 21.4 |
| 146810 | 2001 <i>YE</i> ₈₂ | 10 26.3 | 331°14 | 6°1/31.3 | 18 | | 189279 | 2005 <i>ST</i> ₁₇₃ | 10 26.3 | 23°57 | 4°4/23.1 | 18 | |
| 9 18 | 2 28.19 | +29 41.5 | 1.884 | 2.639 | 17.1 | 19.9 | 9 18 | 2 25.97 | +7 39.0 | 1.242 | 2.101 | 18.6 | 19.9 |
| 9 28 | 2 24.75 | +30 12.2 | 1.792 | 2.631 | 14.5 | 19.7 | 9 28 | 2 23.37 | +6 23.0 | 1.185 | 2.106 | 14.4 | 19.7 |
| 10 8 | 2 18.72 | +30 23.0 | 1.720 | 2.624 | 11.5 | 19.5 | 10 8 | 2 17.86 | +4 56.0 | 1.148 | 2.113 | 9.6 | 19.5 |
| 10 18 | 2 10.66 | +30 11.2 | 1.669 | 2.618 | 8.4 | 19.3 | 10 18 | 2 10.23 | +3 26.4 | 1.134 | 2.120 | 5.3 | 19.2 |
| 10 28 | 2 1.55 | +29 36.4 | 1.644 | 2.611 | 6.2 | 19.1 | 10 28 | 2 1.72 | +2 4.9 | 1.144 | 2.127 | 5.2 | 19.3 |
| 11 7 | 1 52.60 | +28 42.1 | 1.645 | 2.605 | 6.8 | 19.2 | 11 7 | 1 53.74 | +1 1.5 | 1.179 | 2.136 | 9.3 | 19.5 |
| 11 17 | 1 44.99 | +27 35.1 | 1.672 | 2.600 | 9.4 | 19.3 | 11 17 | 1 47.51 | +0 22.4 | 1.237 | 2.145 | 13.8 | 19.8 |
| 11 27 | 1 39.67 | +26 24.0 | 1.725 | 2.595 | 12.6 | 19.5 | 11 27 | 1 43.87 | +0 10.2 | 1.316 | 2.155 | | |

EPHEMERIDES

10 26.3

10 26.3

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|-------|---------|------|---------------|-------------------------------|-----------------|----------|-------|---------|------|
| 234681 | 2002 <i>GT</i> ₈₂ | 10 26.3 206°24 | 2°5/24.1 | 18 | | | 227959 | 2007 <i>HS</i> ₅ | 10 26.3 106°08 | 1°2/25.2 | 18 | | |
| 9 18 | 2 28.98 | + 8 45.3 | 1.969 | 2.791 | 14.2 | 20.9 | 9 18 | 2 30.73 | + 9 2.5 | 2.643 | 3.444 | 11.5 | 21.0 |
| 9 28 | 2 24.74 | + 7 56.2 | 1.887 | 2.788 | 11.0 | 20.7 | 9 28 | 2 25.36 | + 8 54.2 | 2.574 | 3.463 | 8.9 | 20.9 |
| 10 8 | 2 18.37 | + 6 58.8 | 1.828 | 2.785 | 7.3 | 20.5 | 10 8 | 2 18.39 | + 8 41.4 | 2.530 | 3.482 | 5.9 | 20.7 |
| 10 18 | 2 10.39 | + 5 57.4 | 1.795 | 2.781 | 3.6 | 20.2 | 10 18 | 2 10.30 | + 8 26.2 | 2.514 | 3.500 | 2.7 | 20.5 |
| 10 28 | 2 1.69 | + 4 57.7 | 1.790 | 2.777 | 3.0 | 20.2 | 10 28 | 2 1.78 | + 8 11.2 | 2.527 | 3.518 | 1.5 | 20.4 |
| 11 7 | 1 53.23 | + 4 6.0 | 1.814 | 2.773 | 6.5 | 20.4 | 11 7 | 1 53.56 | + 7 59.3 | 2.572 | 3.536 | 4.4 | 20.7 |
| 11 17 | 1 45.94 | + 3 27.2 | 1.866 | 2.768 | 10.2 | 20.6 | 11 17 | 1 46.30 | + 7 52.9 | 2.646 | 3.553 | 7.4 | 20.9 |
| 11 27 | 1 40.55 | + 3 4.8 | 1.941 | 2.763 | 13.5 | 20.8 | 11 27 | 1 40.54 | + 7 54.3 | 2.747 | 3.570 | 10.0 | 21.1 |
| 75469 | 1999 <i>XU</i> ₁₆₂ | 10 26.3 331°90 | 2°2/24.9 | 18 | | | 209161 | 2003 <i>UR</i> ₅₃ | 10 26.3 340°62 | 8°2/31.3 | 18 | | |
| 9 18 | 2 24.83 | +10 7.9 | 1.378 | 2.228 | 17.6 | 19.4 | 9 18 | 2 33.51 | +30 4.6 | 1.623 | 2.379 | 19.4 | 20.3 |
| 9 28 | 2 22.61 | + 9 39.0 | 1.294 | 2.210 | 13.8 | 19.1 | 9 28 | 2 29.57 | +31 23.5 | 1.537 | 2.373 | 16.6 | 20.1 |
| 10 8 | 2 17.56 | + 8 58.5 | 1.230 | 2.193 | 9.3 | 18.8 | 10 8 | 2 22.42 | +32 23.8 | 1.469 | 2.368 | 13.5 | 19.9 |
| 10 18 | 2 10.23 | + 8 10.4 | 1.188 | 2.177 | 4.4 | 18.4 | 10 18 | 2 12.59 | +32 59.7 | 1.423 | 2.363 | 10.3 | 19.7 |
| 10 28 | 2 1.70 | + 7 21.4 | 1.171 | 2.162 | 2.8 | 18.3 | 10 28 | 2 1.26 | +33 7.6 | 1.401 | 2.359 | 8.3 | 19.6 |
| 11 7 | 1 53.33 | + 6 39.5 | 1.179 | 2.147 | 7.6 | 18.6 | 11 7 | 1 50.01 | +32 48.7 | 1.404 | 2.355 | 8.8 | 19.6 |
| 11 17 | 1 46.43 | + 6 11.4 | 1.211 | 2.134 | 12.6 | 18.8 | 11 17 | 1 40.39 | +32 9.0 | 1.431 | 2.351 | 11.3 | 19.7 |
| 11 27 | 1 42.07 | + 6 2.3 | 1.265 | 2.123 | 17.1 | 19.0 | 11 27 | 1 33.64 | +31 18.4 | 1.482 | 2.349 | 14.5 | 19.9 |
| 352270 | 2007 <i>TX</i> ₂₇₈ | 10 26.3 111°32 | 0°2/26.1 | 18 | | | 129559 | 1996 <i>YH</i> | 10 26.3 302°05 | 7°5/1.4 | 18 | | |
| 9 18 | 2 27.62 | +16 55.0 | 1.910 | 2.716 | 15.1 | 20.5 | 9 18 | 2 29.21 | +32 58.1 | 1.719 | 2.464 | 18.9 | 18.9 |
| 9 28 | 2 23.70 | +15 55.4 | 1.835 | 2.725 | 11.8 | 20.3 | 9 28 | 2 25.99 | +33 28.1 | 1.625 | 2.452 | 16.3 | 18.7 |
| 10 8 | 2 17.63 | +14 40.4 | 1.782 | 2.733 | 7.9 | 20.1 | 10 8 | 2 19.84 | +33 34.1 | 1.548 | 2.441 | 13.2 | 18.5 |
| 10 18 | 2 10.02 | +13 13.6 | 1.754 | 2.741 | 3.6 | 19.9 | 10 18 | 2 11.32 | +33 11.8 | 1.491 | 2.430 | 10.1 | 18.2 |
| 10 28 | 2 1.78 | +11 41.2 | 1.756 | 2.749 | 0.9 | 19.7 | 10 28 | 2 1.54 | +32 19.8 | 1.459 | 2.419 | 7.8 | 18.1 |
| 11 7 | 1 53.91 | +10 11.1 | 1.787 | 2.757 | 5.2 | 20.0 | 11 7 | 1 51.93 | +31 2.1 | 1.452 | 2.408 | 8.0 | 18.1 |
| 11 17 | 1 47.31 | + 8 50.6 | 1.845 | 2.764 | 9.3 | 20.3 | 11 17 | 1 43.84 | +29 26.9 | 1.470 | 2.397 | 10.5 | 18.2 |
| 11 27 | 1 42.65 | + 7 45.6 | 1.929 | 2.771 | 12.8 | 20.5 | 11 27 | 1 38.37 | +27 45.9 | 1.513 | 2.387 | 13.9 | 18.4 |
| 314640 | 2006 <i>JW</i> ₂₉ | 10 26.3 131°97 | 1°8/24.9 | 17 | | | 485867 | 2012 <i>FK</i> ₁₇ | 10 26.3 235°59 | 0°4/26.7 | 17 | | |
| 9 18 | 2 31.59 | +12 20.0 | 1.477 | 2.306 | 17.7 | 21.5 | 9 18 | 2 28.15 | +15 20.7 | 2.462 | 3.256 | 12.5 | 22.8 |
| 9 28 | 2 27.38 | +11 26.9 | 1.409 | 2.313 | 13.8 | 21.3 | 9 28 | 2 23.80 | +15 11.4 | 2.367 | 3.249 | 9.8 | 22.6 |
| 10 8 | 2 20.41 | +10 20.0 | 1.362 | 2.320 | 9.1 | 21.0 | 10 8 | 2 17.61 | +14 52.9 | 2.295 | 3.242 | 6.7 | 22.4 |
| 10 18 | 2 11.39 | + 9 4.0 | 1.338 | 2.326 | 4.2 | 20.7 | 10 18 | 2 10.06 | +14 26.5 | 2.249 | 3.234 | 3.2 | 22.1 |
| 10 28 | 2 1.51 | + 7 46.8 | 1.342 | 2.332 | 2.4 | 20.6 | 10 28 | 2 1.83 | +13 54.7 | 2.233 | 3.226 | 0.7 | 21.9 |
| 11 7 | 1 52.10 | + 6 37.2 | 1.372 | 2.338 | 7.1 | 21.0 | 11 7 | 1 53.74 | +13 21.3 | 2.246 | 3.218 | 4.2 | 22.2 |
| 11 17 | 1 44.35 | + 5 42.7 | 1.429 | 2.344 | 11.8 | 21.2 | 11 17 | 1 46.57 | +12 50.3 | 2.289 | 3.209 | 7.6 | 22.4 |
| 11 27 | 1 39.12 | + 5 8.1 | 1.508 | 2.349 | 15.8 | 21.5 | 11 27 | 1 40.96 | +12 25.7 | 2.357 | 3.201 | 10.7 | 22.6 |
| 231303 | 2006 <i>BV</i> ₁₆₇ | 10 26.3 319°13 | 5°7/20.9 | 18 | | | 130842 | 2000 <i>UY</i> ₅₄ | 10 26.3 19°75 | 6°4/23.4 | 18 | | |
| 9 18 | 2 24.86 | - 0 52.5 | 2.022 | 2.861 | 13.2 | 19.9 | 9 18 | 2 27.47 | + 2 30.6 | 0.872 | 1.756 | 22.3 | 18.4 |
| 9 28 | 2 21.50 | - 2 2.3 | 1.946 | 2.852 | 10.4 | 19.7 | 9 28 | 2 25.40 | + 1 51.9 | 0.832 | 1.765 | 17.4 | 18.1 |
| 10 8 | 2 16.16 | - 3 13.4 | 1.893 | 2.843 | 7.6 | 19.5 | 10 8 | 2 19.63 | + 1 11.1 | 0.809 | 1.776 | 12.0 | 17.9 |
| 10 18 | 2 9.38 | - 4 19.4 | 1.866 | 2.835 | 5.8 | 19.4 | 10 18 | 2 11.14 | + 0 37.2 | 0.804 | 1.789 | 7.3 | 17.7 |
| 10 28 | 2 1.92 | - 5 13.5 | 1.867 | 2.827 | 6.4 | 19.4 | 10 28 | 2 1.64 | + 0 19.9 | 0.821 | 1.803 | 7.1 | 17.8 |
| 11 7 | 1 54.68 | - 5 50.2 | 1.894 | 2.819 | 8.8 | 19.5 | 11 7 | 1 52.99 | + 0 25.8 | 0.859 | 1.819 | 11.3 | 18.1 |
| 11 17 | 1 48.48 | - 6 6.1 | 1.946 | 2.811 | 11.7 | 19.7 | 11 17 | 1 46.70 | + 0 56.7 | 0.918 | 1.837 | 16.1 | 18.4 |
| 11 27 | 1 44.01 | - 6 0.5 | 2.021 | 2.804 | 14.5 | 19.9 | 11 27 | 1 43.69 | + 1 50.9 | 0.994 | 1.856 | 20.4 | 18.7 |
| 371394 | 2006 <i>RH</i> ₂₈ | 10 26.3 41°16 | 1°3/27.1 | 16 | | | 210821 | 2001 <i>NN</i> ₅ | 10 26.3 36°51 | 0°5/25.9 | 17 | | |
| 9 18 | 2 29.18 | +18 47.0 | 1.084 | 1.924 | 22.0 | 20.8 | 9 18 | 2 30.31 | +12 2.3 | 1.569 | 2.397 | 16.9 | 20.3 |
| 9 28 | 2 26.26 | +18 21.6 | 1.036 | 1.942 | 17.4 | 20.5 | 9 28 | 2 26.22 | +11 59.4 | 1.506 | 2.408 | 13.2 | 20.1 |
| 10 8 | 2 19.95 | +17 33.6 | 1.005 | 1.961 | 11.9 | 20.3 | 10 8 | 2 19.54 | +11 46.9 | 1.464 | 2.421 | 8.8 | 19.8 |
| 10 18 | 2 11.20 | +16 26.3 | 0.995 | 1.981 | 5.9 | 20.0 | 10 18 | 2 10.99 | +11 27.2 | 1.446 | 2.433 | 4.0 | 19.6 |
| 10 28 | 2 1.58 | +15 7.5 | 1.009 | 2.002 | 1.4 | 19.8 | 10 28 | 2 1.66 | +11 4.4 | 1.454 | 2.447 | 1.2 | 19.4 |
| 11 7 | 1 52.76 | +13 48.3 | 1.047 | 2.023 | 6.7 | 20.2 | 11 7 | 1 52.78 | +10 43.6 | 1.489 | 2.461 | 5.9 | 19.8 |
| 11 17 | 1 46.12 | +12 39.4 | 1.109 | 2.045 | 12.1 | 20.6 | 11 17 | 1 45.46 | +10 29.6 | 1.551 | 2.475 | 10.3 | 20.1 |
| 11 27 | 1 42.53 | +11 48.7 | 1.192 | 2.068 | 16.6 | 20.9 | 11 27 | 1 40.48 | +10 26.3 | 1.636 | 2.490 | 14.1 | 20.4 |
| 430099 | 2013 <i>SF</i> ₇₄ | 10 26.3 243°23 | 2°2/24.7 | 18 | | | 162226 | 1999 <i>TR</i> ₁₂₇ | 10 26.3 348°23 | 1°9/25.2 | 18 | | |
| 9 18 | 2 29.82 | +11 25.0 | 1.531 | 2.362 | 17.1 | 21.3 | 9 18 | 2 24.45 | +10 17.7 | 1.226 | 2.084 | 18.9 | 19.3 |
| 9 28 | 2 26.12 | +10 31.6 | 1.449 | 2.355 | 13.3 | 21.0 | 9 28 | 2 22.56 | +10 0.8 | 1.153 | 2.073 | 14.8 | 19.0 |
| 10 8 | 2 19.68 | + 9 24.3 | 1.389 | 2.348 | 8.9 | 20.8 | 10 8 | 2 17.64 | + 9 32.7 | 1.099 | 2.063 | 9.9 | 18.7 |
| 10 18 | 2 11.13 | + 8 8.0 | 1.353 | 2.341 | 4.2 | 20.5 | 10 18 | 2 10.31 | + 8 57.1 | 1.066 | 2.055 | 4.6 | 18.4 |
| 10 28 | 2 1.56 | + 6 50.3 | 1.343 | 2.333 | 2.8 | 20.4 | 10 28 | 2 1.77 | + 8 20.7 | 1.057 | 2.048 | 2.5 | 18.2 |
| 11 7 | 1 52.28 | + 5 40.1 | 1.361 | 2.325 | 7.4 | 20.6 | 11 7 | 1 53.52 | + 7 51.0 | 1.072 | 2.043 | 7.7 | 18.6 |
| 11 17 | 1 44.48 | + 4 45.0 | 1.404 | 2.317 | 12.1 | 20.9 | 11 17 | 1 46.93 | + 7 34.5 | 1.110 | 2.039 | 12.9 | 18.8 |
| 11 27 | 1 39.12 | + 4 10.4 | 1.470 | 2.309 | 16.2 | 21.1 | 11 27 | 1 43.08 | + 7 35.7 | 1.169 | 2.037 | 17.5 | 19.1 |
| 390570 | 2001 <i>FU</i> ₁₆₆ | 10 26.3 260°91 | 8°4/18.8 | 15 | | | 379851 | 2012 <i>EB</i> ₈ | 10 26.3 100°99 | 1°7/25.2 | 16 | | |
| 9 18 | 2 26.93 | + 8 24.1 | 1.035 | 1.903 | 20.8 | 20.5 | 9 18 | 2 35.09 | +10 45.0 | 1.594 | 2.414 | 17.0 | 21.8 |
| 9 28 | 2 24.78 | + 4 51.2 | 0.971 | 1.899 | 16.1 | 20.2 | 9 28 | 2 29.71 | +10 13.4 | 1.536 | 2.435 | 13.2 | 21.6 |
| 10 8 | 2 19.22 | + 0 50.7 | 0.929 | 1.894 | 11.2 | 19.9 | 10 8 | 2 21.73 | + 9 32.2 | 1.500 | 2.456 | 8.7 | 21.4 |
| 10 18 | 2 11.01 | - 3 17.2 | 0.912 | 1.890 | 8.4 | 19.8 | 10 18 | 2 11.94 | + 8 45.4 | 1.489 | 2.476 | 4.0 | 21.2 |
| 10 28 | 2 1.60 | - 7 5.6 | 0.922 | 1.885 | 10.5 | 19.9 | 10 28 | 2 1.49 | + 7 58.8 | 1.505 | 2.496 | 2.2 | 21.1 |
| 11 7 | 1 52.73 | -10 11.3 | 0.956 | 1.881 | 15.2 | 20.1 | 11 7 | 1 51.65 | + 7 18.9 | 1.550 | 2.515 | 6.5 | 21.4 |
| 11 17 | 1 45.89 | -12 21.6 | 1.011 | 1.876 | 20.0 | 20.4 | 11 17 | 1 43.48 | + 6 50.5 | 1.621 | 2.534 | 10.7 | 21.7 |
| 11 27 | 1 42.11 | -13 35.2 | 1.082 | 1.872 | 24.0 | 20.7 | 11 27 | 1 37.74 | + 6 37.2 | 1.716 | 2.552 | 14.4 | 22.0 |
| 300582 | 2007 <i>TT</i> ₃₇₃ | 10 26.3 53°39 | 0°3/26.1 | 18 | | | 485844 | 2012 <i>DL</i> ₉₂ | 10 26.3 153°26 | 0°1/26.4 | 18 | | |
| 9 18 | 2 36.24 | +10 52.3 | 1.550 | 2.370 | 17.5 | 19.9 | 9 18 | 2 27.32 | +14 45.5 | 2.685 | 3.479 | 11.6 | 22.7 |
| 9 28 | 2 30.74 | +11 14.4 | 1.493 | 2.390 | 13.6 | 19.7 | 9 28 | 2 22.88 | +14 25.4 | 2.602 | 3.484 | 9.0 | 22.5 |
| 10 8 | 2 22.50 | +11 29.2 | 1.456 | 2.411 | 9.1 | 19.5 | 10 8 | 2 16.84 | +13 56.9 | 2.542 | 3.490 | 6.1 | 22.3 |
| 10 18 | 2 12.31 | +11 37.8 | 1.444 | 2.431 | 4.1 | 19.3 | 10 18 | 2 9.65 | +13 21.5 | 2.509 | 3.495 | 2.8 | 22.1 |
| 10 28 | 2 1.36 | +11 42.8 | 1.460 | 2.453 | 1.0 | 19.1 | 10 28 | 2 1.96 | +12 42.4 | 2.506 | 3.499 | 0.6 | 21.9 |
| 11 7 | 1 51.00 | +11 47.8 | 1.503 | 2.474 | 5.9 | 19.5 | 11 7 | 1 54.48 | +12 3.2 | 2.534 | 3.504 | 3.9 | 22.2 |
| 11 17 | 1 42.38 | +11 56.4 | 1.573 | 2.496 | 10.3 | 19.8 | 11 17 | 1 47.87 | +11 27.6 | 2.590 | 3.508 | 7.0 | 22.4 |
| 11 27 | 1 36.31 | +12 11.9 | 1.667 | 2.517 | 14.0 | | | | | | | | |

EPHEMERIDES

10 26.3

10 26.3

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|-------------|-------|---------|------|
| 80447 | 1999 <i>YQ</i> ₁₄ | 10 26.3 224°07 | 1°6/25.1 18 | | | | 264386 | 2000 <i>DH</i> ₈₇ | 10 26.3 181°95 | 2°0/24.6 16 | | | |
| 9 18 | 2 31.88 | +10 40.7 | 1.839 | 2.656 | 15.2 | 20.5 | 9 18 | 2 32.41 | +9 8.0 | 2.134 | 2.944 | 13.6 | 22.2 |
| 9 28 | 2 27.30 | +10 9.0 | 1.750 | 2.648 | 11.9 | 20.3 | 9 28 | 2 27.23 | +8 30.2 | 2.052 | 2.945 | 10.6 | 22.0 |
| 10 8 | 2 20.28 | +9 27.6 | 1.684 | 2.639 | 8.0 | 20.0 | 10 8 | 2 19.97 | +7 45.0 | 1.992 | 2.946 | 7.1 | 21.8 |
| 10 18 | 2 11.40 | +8 39.7 | 1.642 | 2.630 | 3.7 | 19.7 | 10 18 | 2 11.17 | +6 55.9 | 1.959 | 2.946 | 3.4 | 21.5 |
| 10 28 | 2 1.58 | +7 50.4 | 1.629 | 2.620 | 2.1 | 19.6 | 10 28 | 2 1.69 | +6 7.6 | 1.956 | 2.945 | 2.4 | 21.5 |
| 11 7 | 1 51.97 | +7 5.9 | 1.645 | 2.610 | 6.3 | 19.8 | 11 7 | 1 52.46 | +5 25.4 | 1.983 | 2.943 | 5.9 | 21.7 |
| 11 17 | 1 43.62 | +6 31.6 | 1.688 | 2.599 | 10.5 | 20.1 | 11 17 | 1 44.38 | +4 53.7 | 2.038 | 2.940 | 9.5 | 21.9 |
| 11 27 | 1 37.40 | +6 11.8 | 1.754 | 2.588 | 14.3 | 20.3 | 11 27 | 1 38.16 | +4 35.7 | 2.118 | 2.937 | 12.7 | 22.1 |
| 99864 | 2002 <i>OF</i> ₂₆ | 10 26.3 91°84 | 6°9/18.8 18 | | | | 384404 | 2009 <i>WT</i> ₇₀ | 10 26.3 260°56 | 1°6/25.2 18 | | | |
| 9 18 | 2 25.46 | -7 46.7 | 2.381 | 3.208 | 11.9 | 19.6 | 9 18 | 2 31.12 | +10 39.8 | 1.720 | 2.542 | 15.9 | 21.5 |
| 9 28 | 2 21.55 | -9 3.0 | 2.322 | 3.212 | 9.7 | 19.5 | 9 28 | 2 26.96 | +10 15.3 | 1.629 | 2.530 | 12.4 | 21.2 |
| 10 8 | 2 15.99 | -10 14.8 | 2.287 | 3.216 | 7.8 | 19.4 | 10 8 | 2 20.21 | +9 40.9 | 1.560 | 2.516 | 8.4 | 20.9 |
| 10 18 | 2 9.26 | -11 16.1 | 2.279 | 3.220 | 6.9 | 19.3 | 10 18 | 2 11.44 | +8 59.8 | 1.515 | 2.503 | 3.9 | 20.7 |
| 10 28 | 2 2.05 | -12 1.2 | 2.297 | 3.224 | 7.5 | 19.4 | 10 28 | 2 1.62 | +8 16.8 | 1.498 | 2.489 | 2.1 | 20.5 |
| 11 7 | 1 55.11 | -12 26.4 | 2.343 | 3.228 | 9.3 | 19.5 | 11 7 | 1 51.95 | +7 38.2 | 1.509 | 2.475 | 6.5 | 20.8 |
| 11 17 | 1 49.11 | -12 30.1 | 2.413 | 3.232 | 11.4 | 19.7 | 11 17 | 1 43.58 | +7 9.7 | 1.546 | 2.461 | 11.0 | 21.0 |
| 11 27 | 1 44.63 | -12 12.8 | 2.504 | 3.237 | 13.3 | 19.8 | 11 27 | 1 37.46 | +6 55.6 | 1.606 | 2.446 | 15.0 | 21.2 |
| 40871 | 1999 <i>TS</i> ₁₂₀ | 10 26.3 130°15 | 1°5/27.5 18 | | | | 207907 | 2008 <i>UR</i> ₂₅₇ | 10 26.3 124°90 | 0°5/25.9 18 | | | |
| 9 18 | 2 31.15 | +18 25.5 | 1.913 | 2.708 | 15.5 | 18.9 | 9 18 | 2 33.55 | +12 34.1 | 2.181 | 2.979 | 13.8 | 21.1 |
| 9 28 | 2 26.59 | +18 20.2 | 1.835 | 2.714 | 12.3 | 18.7 | 9 28 | 2 27.94 | +12 18.7 | 2.111 | 2.997 | 10.7 | 20.9 |
| 10 8 | 2 19.69 | +18 1.3 | 1.777 | 2.720 | 8.6 | 18.5 | 10 8 | 2 20.32 | +11 55.0 | 2.064 | 3.014 | 7.1 | 20.7 |
| 10 18 | 2 11.07 | +17 29.7 | 1.745 | 2.726 | 4.5 | 18.3 | 10 18 | 2 11.29 | +11 25.2 | 2.044 | 3.031 | 3.2 | 20.5 |
| 10 28 | 2 1.67 | +16 48.4 | 1.740 | 2.732 | 1.5 | 18.1 | 10 28 | 2 1.69 | +10 52.7 | 2.054 | 3.047 | 1.0 | 20.3 |
| 11 7 | 1 52.59 | +16 2.5 | 1.764 | 2.737 | 4.9 | 18.3 | 11 7 | 1 52.48 | +10 21.8 | 2.094 | 3.062 | 4.8 | 20.6 |
| 11 17 | 1 44.82 | +15 17.9 | 1.816 | 2.742 | 8.9 | 18.6 | 11 17 | 1 44.48 | +9 56.6 | 2.163 | 3.077 | 8.4 | 20.9 |
| 11 27 | 1 39.14 | +14 40.4 | 1.893 | 2.747 | 12.4 | 18.8 | 11 27 | 1 38.35 | +9 40.4 | 2.258 | 3.091 | 11.5 | 21.1 |
| 26354 | 1998 <i>YJ</i> ₄ | 10 26.3 288°16 | 3°5/22.6 18 | | | | 448523 | 2010 <i>OM</i> ₅₉ | 10 26.3 88°33 | 1°9/28.2 18 | | | |
| 9 18 | 2 24.33 | +4 57.3 | 2.312 | 3.141 | 12.1 | 18.2 | 9 18 | 2 26.52 | +21 48.4 | 2.122 | 2.907 | 14.5 | 21.1 |
| 9 28 | 2 20.88 | +3 55.1 | 2.226 | 3.130 | 9.4 | 18.0 | 9 28 | 2 22.83 | +21 18.5 | 2.036 | 2.907 | 11.7 | 20.9 |
| 10 8 | 2 15.68 | +2 47.4 | 2.163 | 3.119 | 6.4 | 17.8 | 10 8 | 2 17.10 | +20 32.2 | 1.971 | 2.908 | 8.3 | 20.7 |
| 10 18 | 2 9.18 | +1 39.1 | 2.126 | 3.107 | 3.9 | 17.7 | 10 18 | 2 9.87 | +19 30.7 | 1.931 | 2.909 | 4.6 | 20.4 |
| 10 28 | 2 2.06 | +0 35.8 | 2.119 | 3.096 | 4.0 | 17.7 | 10 28 | 2 1.97 | +18 17.8 | 1.920 | 2.910 | 1.9 | 20.3 |
| 11 7 | 1 55.10 | -0 17.1 | 2.141 | 3.085 | 6.7 | 17.8 | 11 7 | 1 54.34 | +16 59.4 | 1.937 | 2.911 | 4.4 | 20.4 |
| 11 17 | 1 49.03 | -0 55.3 | 2.189 | 3.074 | 9.7 | 18.0 | 11 17 | 1 47.83 | +15 42.4 | 1.984 | 2.912 | 8.1 | 20.7 |
| 11 27 | 1 44.48 | -1 16.4 | 2.261 | 3.063 | 12.5 | 18.1 | 11 27 | 1 43.13 | +14 33.2 | 2.056 | 2.913 | 11.5 | 20.9 |
| 314999 | 2007 <i>AO</i> ₇ | 10 26.3 108°95 | 3°8/29.9 18 | | | | 220236 | 2002 <i>XS</i> ₈ | 10 26.3 337°05 | 0°4/26.0 18 | | | |
| 9 18 | 2 28.55 | +26 6.0 | 2.197 | 2.957 | 14.8 | 21.1 | 9 18 | 2 23.78 | +14 29.2 | 1.149 | 2.004 | 20.1 | 20.3 |
| 9 28 | 2 24.42 | +26 7.6 | 2.112 | 2.961 | 12.2 | 20.9 | 9 28 | 2 22.38 | +14 7.1 | 1.071 | 1.989 | 15.9 | 20.0 |
| 10 8 | 2 18.16 | +25 52.3 | 2.047 | 2.966 | 9.2 | 20.7 | 10 8 | 2 17.75 | +13 26.8 | 1.012 | 1.975 | 10.8 | 19.7 |
| 10 18 | 2 10.35 | +25 19.5 | 2.007 | 2.970 | 6.0 | 20.5 | 10 18 | 2 10.48 | +12 31.0 | 0.973 | 1.962 | 5.0 | 19.3 |
| 10 28 | 2 1.82 | +24 31.1 | 1.994 | 2.974 | 3.8 | 20.4 | 10 28 | 2 1.82 | +11 26.8 | 0.958 | 1.951 | 1.3 | 19.0 |
| 11 7 | 1 53.56 | +23 31.4 | 2.010 | 2.979 | 4.9 | 20.5 | 11 7 | 1 53.39 | +10 23.9 | 0.966 | 1.940 | 7.5 | 19.4 |
| 11 17 | 1 46.45 | +22 26.3 | 2.054 | 2.983 | 7.9 | 20.7 | 11 17 | 1 46.71 | +9 32.4 | 0.996 | 1.932 | 13.3 | 19.7 |
| 11 27 | 1 41.24 | +21 22.8 | 2.125 | 2.987 | 10.9 | 20.9 | 11 27 | 1 42.99 | +9 0.0 | 1.047 | 1.924 | 18.3 | 20.0 |
| 412949 | 2014 <i>QG</i> ₂₃₈ | 10 26.3 107°16 | 3°0/23.2 18 | | | | 441282 | 2007 <i>XY</i> ₁₁ | 10 26.3 15°87 | 3°3/24.4 18 | | | |
| 9 18 | 2 26.41 | +5 16.1 | 2.459 | 3.279 | 11.7 | 21.9 | 9 18 | 2 32.00 | +4 39.9 | 1.593 | 2.428 | 16.3 | 20.4 |
| 9 28 | 2 22.18 | +4 24.0 | 2.393 | 3.292 | 9.0 | 21.8 | 9 28 | 2 27.56 | +4 31.0 | 1.523 | 2.430 | 12.7 | 20.2 |
| 10 8 | 2 16.36 | +3 28.1 | 2.351 | 3.305 | 6.1 | 21.6 | 10 8 | 2 20.50 | +4 19.2 | 1.475 | 2.433 | 8.6 | 20.0 |
| 10 18 | 2 9.41 | +2 32.6 | 2.336 | 3.318 | 3.5 | 21.5 | 10 18 | 2 11.51 | +4 8.5 | 1.451 | 2.436 | 4.6 | 19.7 |
| 10 28 | 2 2.03 | +1 42.2 | 2.351 | 3.330 | 3.4 | 21.5 | 10 28 | 2 1.64 | +4 3.6 | 1.454 | 2.440 | 3.8 | 19.7 |
| 11 7 | 1 54.93 | +1 1.2 | 2.395 | 3.343 | 5.9 | 21.7 | 11 7 | 1 52.15 | +4 8.6 | 1.483 | 2.444 | 7.4 | 19.9 |
| 11 17 | 1 48.78 | +0 32.8 | 2.467 | 3.355 | 8.7 | 21.9 | 11 17 | 1 44.16 | +4 26.1 | 1.539 | 2.448 | 11.5 | 20.2 |
| 11 27 | 1 44.10 | +0 18.8 | 2.564 | 3.366 | 11.2 | 22.1 | 11 27 | 1 38.52 | +4 57.5 | 1.618 | 2.453 | 15.2 | 20.4 |
| 331347 | 2012 <i>CR</i> ₅ | 10 26.3 70°11 | 2°7/28.4 18 | | | | 248445 | 2005 <i>TC</i> ₇₃ | 10 26.3 25°33 | 5°3/22.2 18 | | | |
| 9 18 | 2 31.27 | +20 26.4 | 2.152 | 2.932 | 14.5 | 20.5 | 9 18 | 2 26.90 | +1 8.4 | 1.710 | 2.553 | 15.0 | 19.7 |
| 9 28 | 2 26.54 | +20 50.2 | 2.068 | 2.935 | 11.7 | 20.3 | 9 28 | 2 23.31 | +0 13.5 | 1.649 | 2.559 | 11.7 | 19.5 |
| 10 8 | 2 19.61 | +21 2.2 | 2.005 | 2.938 | 8.4 | 20.1 | 10 8 | 2 17.48 | -0 42.9 | 1.611 | 2.566 | 8.3 | 19.4 |
| 10 18 | 2 11.05 | +21 1.5 | 1.968 | 2.942 | 5.0 | 19.9 | 10 18 | 2 10.05 | -1 34.4 | 1.597 | 2.574 | 5.6 | 19.2 |
| 10 28 | 2 1.69 | +20 49.4 | 1.958 | 2.945 | 2.7 | 19.8 | 10 28 | 2 1.97 | -2 14.1 | 1.610 | 2.582 | 5.9 | 19.3 |
| 11 7 | 1 52.54 | +20 28.8 | 1.978 | 2.949 | 4.7 | 19.9 | 11 7 | 1 54.27 | -2 36.9 | 1.650 | 2.590 | 8.7 | 19.4 |
| 11 17 | 1 44.55 | +20 4.2 | 2.026 | 2.953 | 8.1 | 20.2 | 11 17 | 1 47.89 | -2 39.9 | 1.714 | 2.599 | 12.0 | 19.7 |
| 11 27 | 1 38.49 | +19 40.7 | 2.100 | 2.956 | 11.3 | 20.4 | 11 27 | 1 43.53 | -2 22.6 | 1.800 | 2.608 | 15.0 | 19.9 |
| 296308 | 2009 <i>DV</i> ₁₂₈ | 10 26.3 256°44 | 3°2/24.0 18 | | | | 399639 | 2004 <i>QK</i> ₄ | 10 26.3 38°22 | 8°9/21.0 17 | | | |
| 9 18 | 2 31.89 | +4 32.3 | 2.033 | 2.853 | 13.8 | 21.0 | 9 18 | 2 31.90 | -9 30.3 | 1.581 | 2.417 | 16.4 | 20.3 |
| 9 28 | 2 27.07 | +4 11.9 | 1.941 | 2.840 | 10.8 | 20.8 | 9 28 | 2 27.07 | -10 19.9 | 1.545 | 2.440 | 13.4 | 20.2 |
| 10 8 | 2 20.03 | +3 48.3 | 1.873 | 2.827 | 7.4 | 20.6 | 10 8 | 2 19.85 | -10 59.2 | 1.531 | 2.463 | 10.6 | 20.1 |
| 10 18 | 2 11.27 | +3 25.0 | 1.830 | 2.813 | 4.1 | 20.3 | 10 18 | 2 11.05 | -11 20.9 | 1.539 | 2.487 | 9.0 | 20.0 |
| 10 28 | 2 1.64 | +3 6.5 | 1.816 | 2.799 | 3.6 | 20.3 | 10 28 | 2 1.79 | -11 19.4 | 1.573 | 2.511 | 9.4 | 20.1 |
| 11 7 | 1 52.15 | +2 57.1 | 1.831 | 2.785 | 6.8 | 20.4 | 11 7 | 1 53.22 | -10 52.5 | 1.631 | 2.536 | 11.4 | 20.3 |
| 11 17 | 1 43.77 | +2 59.8 | 1.873 | 2.771 | 10.4 | 20.6 | 11 17 | 1 46.26 | -10 1.7 | 1.713 | 2.561 | 13.9 | 20.5 |
| 11 27 | 1 37.31 | +3 16.6 | 1.939 | 2.756 | 13.7 | 20.8 | 11 27 | 1 41.55 | -8 50.3 | 1.816 | 2.587 | 16.3 | 20.7 |
| 221820 | 2008 <i>EX</i> ₂₁ | 10 26.3 178°34 | 0°9/26.9 16 | | | | 453509 | 2009 <i>UF</i> ₇₂ | 10 26.3 307°69 | 2°1/28.3 17 | | | |
| 9 18 | 2 32.99 | +17 10.6 | 1.835 | 2.633 | 16.0 | 21.6 | 9 18 | 2 24.87 | +21 39.8 | 2.106 | 2.895 | 14.5 | 20.9 |
| 9 28 | 2 28.16 | +16 56.3 | 1.752 | 2.635 | 12.7 | 21.4 | 9 28 | 2 21.78 | +21 19.0 | 2.001 | 2.875 | 11.7 | 20.7 |
| 10 8 | 2 20.84 | +16 28.2 | 1.690 | 2.636 | 8.7 | 21.1 | 10 8 | 2 16.57 | +20 41.7 | 1.917 | 2.855 | 8.4 | 20.5 |
| 10 18 | 2 11.65 | +15 47.5 | 1.653 | 2.637 | 4.3 | 20.9 | 10 18 | 2 9.72 | +19 48.5 | 1.858 | 2.836 | 4.8 | 20.2 |
| 10 28 | 2 1.58 | +14 58.0 | 1.644 | 2.637 | 1.0 | 20.6 | 10 28 | 2 2.01 | +18 42.2 | 1.826 | 2.817 | 2.1 | 20.0 |
| 11 7 | 1 51.81 | +14 5.4 | 1.664 | 2.636 | 5.2 | 20.9 | 11 7 | 1 54.40 | +17 28.3 | 1.823 | 2.798 | 4.6 | 20.1 |
| 11 17 | 1 43.41 | +13 16.1 | 1.711 | 2.635 | 9.5 | 21.2 | 11 17 | 1 47.81 | +16 13.5 | 1.848 | 2.779 | 8.5 | 20.3 |
| 11 27 | 1 37.23 | +12 36.1 | 1.784 | 2.634 | 13.3 | 21.4 | 11 27 | 1 43.04 | +15 5.1 | 1.899 | 2.760 | 12.1 | 20.5 |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|---------------|-------|---------|--------|---------------|-------------------------------|-----------------|-------------|-------|---------|------|
| 61940 | 2000 <i>RB</i> ₁₁ | 10 26.3 329°77 | 1°9/24.8 18 | | | | 196758 | 2003 <i>SP</i> ₁₅₅ | 10 26.3 327°89 | 1°1/27.3 18 | | | |
| 9 18 | 2 26.40 | + 9 23.4 | 1.831 | 2.662 | 14.7 | 18.7 | 9 18 | 2 25.67 | +17 31.6 | 2.012 | 2.817 | 14.5 | 19.6 |
| 9 28 | 2 23.04 | + 8 55.7 | 1.747 | 2.652 | 11.5 | 18.4 | 9 28 | 2 22.39 | +17 21.2 | 1.919 | 2.806 | 11.5 | 19.4 |
| 10 8 | 2 17.43 | + 8 19.9 | 1.684 | 2.643 | 7.7 | 18.2 | 10 8 | 2 16.96 | +16 58.1 | 1.849 | 2.796 | 8.0 | 19.1 |
| 10 18 | 2 10.11 | + 7 39.5 | 1.646 | 2.634 | 3.6 | 17.9 | 10 18 | 2 9.90 | +16 23.3 | 1.803 | 2.786 | 4.1 | 18.9 |
| 10 28 | 2 1.94 | + 6 59.5 | 1.636 | 2.626 | 2.4 | 17.8 | 10 28 | 2 2.02 | +15 40.0 | 1.784 | 2.777 | 1.1 | 18.6 |
| 11 7 | 1 53.98 | + 6 25.4 | 1.653 | 2.618 | 6.2 | 18.1 | 11 7 | 1 54.30 | +14 53.1 | 1.794 | 2.768 | 4.7 | 18.9 |
| 11 17 | 1 47.18 | + 6 2.1 | 1.696 | 2.610 | 10.3 | 18.3 | 11 17 | 1 47.66 | +14 8.1 | 1.831 | 2.759 | 8.7 | 19.1 |
| 11 27 | 1 42.35 | + 5 53.1 | 1.763 | 2.603 | 13.9 | 18.5 | 11 27 | 1 42.87 | +13 30.7 | 1.893 | 2.751 | 12.2 | 19.3 |
| 404543 | 2013 <i>JM</i> ₂₄ | 10 26.3 133°31 | 1°3/25.1 18 | | | | 76630 | 2000 <i>HZ</i> ₃ | 10 26.3 318°52 | 0°6/25.8 18 | | | |
| 9 18 | 2 27.50 | +10 48.7 | 2.298 | 3.110 | 12.7 | 21.9 | 9 18 | 2 25.83 | +12 38.7 | 2.142 | 2.957 | 13.4 | 19.8 |
| 9 28 | 2 23.28 | +10 17.6 | 2.220 | 3.115 | 9.8 | 21.7 | 9 28 | 2 22.29 | +12 17.3 | 2.051 | 2.947 | 10.5 | 19.6 |
| 10 8 | 2 17.25 | + 9 39.1 | 2.165 | 3.119 | 6.5 | 21.5 | 10 8 | 2 16.78 | +11 46.8 | 1.983 | 2.938 | 7.0 | 19.3 |
| 10 18 | 2 9.92 | + 8 55.9 | 2.136 | 3.123 | 3.0 | 21.3 | 10 18 | 2 9.79 | +11 9.3 | 1.941 | 2.928 | 3.2 | 19.1 |
| 10 28 | 2 2.01 | + 8 12.2 | 2.137 | 3.128 | 1.7 | 21.2 | 10 28 | 2 2.06 | +10 28.9 | 1.927 | 2.919 | 1.1 | 18.9 |
| 11 7 | 1 54.36 | + 7 32.6 | 2.167 | 3.132 | 5.0 | 21.5 | 11 7 | 1 54.48 | + 9 50.1 | 1.941 | 2.910 | 5.0 | 19.2 |
| 11 17 | 1 47.70 | + 7 1.0 | 2.225 | 3.135 | 8.4 | 21.7 | 11 17 | 1 47.90 | + 9 17.7 | 1.983 | 2.902 | 8.7 | 19.4 |
| 11 27 | 1 42.67 | + 6 40.7 | 2.309 | 3.139 | 11.4 | 21.9 | 11 27 | 1 43.04 | + 8 55.5 | 2.050 | 2.893 | 12.1 | 19.6 |
| 483965 | 2006 <i>BE</i> ₂₁₂ | 10 26.3 146°03 | 8°2/ 5.1 17 | | | | 56663 | 2000 <i>KF</i> ₆₀ | 10 26.3 159°97 | 5°9/23.2 18 | | | |
| 9 18 | 2 36.67 | +43 7.3 | 2.937 | 3.554 | 14.1 | 22.0 | 9 18 | 2 29.48 | + 1 42.8 | 1.189 | 2.050 | 19.1 | 18.3 |
| 9 28 | 2 30.80 | +44 12.5 | 2.848 | 3.561 | 12.7 | 21.9 | 9 28 | 2 26.27 | + 1 5.1 | 1.135 | 2.055 | 15.0 | 18.1 |
| 10 8 | 2 22.58 | +45 0.1 | 2.776 | 3.567 | 11.1 | 21.8 | 10 8 | 2 19.96 | + 0 26.0 | 1.099 | 2.060 | 10.4 | 17.8 |
| 10 18 | 2 12.51 | +45 25.7 | 2.726 | 3.574 | 9.6 | 21.7 | 10 18 | 2 11.34 | + 0 7.3 | 1.085 | 2.066 | 6.6 | 17.7 |
| 10 28 | 2 1.47 | +45 27.1 | 2.701 | 3.580 | 8.6 | 21.6 | 10 28 | 2 1.76 | + 0 26.5 | 1.095 | 2.073 | 6.5 | 17.7 |
| 11 7 | 1 50.54 | +45 4.6 | 2.702 | 3.586 | 8.3 | 21.6 | 11 7 | 1 52.75 | + 0 26.0 | 1.129 | 2.082 | 10.2 | 17.9 |
| 11 17 | 1 40.75 | +44 21.8 | 2.729 | 3.591 | 8.9 | 21.7 | 11 17 | 1 45.62 | + 0 3.3 | 1.185 | 2.091 | 14.5 | 18.2 |
| 11 27 | 1 32.96 | +43 24.8 | 2.782 | 3.597 | 10.1 | 21.8 | 11 27 | 1 41.30 | + 0 41.1 | 1.262 | 2.101 | 18.3 | 18.5 |
| 513487 | 2009 <i>DS</i> ₉₆ | 10 26.3 184°28 | 6°0/20.5 18 | | | | 349722 | 2008 <i>YE</i> ₅₀ | 10 26.3 155°92 | 7°9/ 1.9 18 | | | |
| 9 18 | 2 27.58 | + 1 38.3 | 2.082 | 2.914 | 13.1 | 22.0 | 9 18 | 2 33.12 | +34 25.3 | 1.930 | 2.649 | 17.9 | 20.8 |
| 9 28 | 2 23.50 | + 3 1.1 | 2.013 | 2.914 | 10.4 | 21.8 | 9 28 | 2 28.75 | +35 15.6 | 1.844 | 2.649 | 15.5 | 20.6 |
| 10 8 | 2 17.47 | + 4 24.6 | 1.968 | 2.914 | 7.7 | 21.6 | 10 8 | 2 21.56 | +35 44.7 | 1.775 | 2.650 | 12.8 | 20.4 |
| 10 18 | 2 10.04 | + 5 42.0 | 1.950 | 2.914 | 6.1 | 21.5 | 10 18 | 2 12.14 | +35 48.1 | 1.727 | 2.650 | 10.1 | 20.3 |
| 10 28 | 2 2.00 | + 6 46.1 | 1.959 | 2.913 | 6.7 | 21.6 | 10 28 | 2 1.57 | +35 23.7 | 1.704 | 2.650 | 8.2 | 20.1 |
| 11 7 | 1 54.24 | + 7 31.5 | 1.996 | 2.912 | 9.0 | 21.7 | 11 7 | 1 51.22 | +34 34.2 | 1.707 | 2.650 | 8.2 | 20.2 |
| 11 17 | 1 47.56 | + 7 55.0 | 2.059 | 2.911 | 11.8 | 21.9 | 11 17 | 1 42.36 | +33 26.0 | 1.737 | 2.651 | 10.1 | 20.3 |
| 11 27 | 1 42.61 | + 7 56.1 | 2.143 | 2.909 | 14.3 | 22.1 | 11 27 | 1 36.00 | +32 8.5 | 1.791 | 2.651 | 12.7 | 20.4 |
| 272070 | 2005 <i>EK</i> ₂₂₆ | 10 26.3 325°96 | 8°8/30.1 16 | | | | 421733 | 2014 <i>PB</i> ₄₀ | 10 26.3 83°55 | 5°7/20.3 18 | | | |
| 9 18 | 2 38.48 | +29 31.5 | 1.860 | 2.598 | 17.9 | 20.5 | 9 18 | 2 27.99 | + 3 25.9 | 2.384 | 3.208 | 11.9 | 21.6 |
| 9 28 | 2 33.64 | +31 28.7 | 1.750 | 2.572 | 15.5 | 20.2 | 9 28 | 2 23.31 | + 4 45.8 | 2.344 | 3.238 | 9.4 | 21.5 |
| 10 8 | 2 25.48 | +33 15.6 | 1.660 | 2.547 | 12.9 | 20.0 | 10 8 | 2 17.04 | + 6 3.0 | 2.328 | 3.267 | 7.1 | 21.4 |
| 10 18 | 2 14.29 | +34 44.9 | 1.593 | 2.522 | 10.3 | 19.8 | 10 18 | 2 9.74 | + 7 11.6 | 2.339 | 3.296 | 5.7 | 21.4 |
| 10 28 | 2 1.04 | +35 50.0 | 1.553 | 2.498 | 8.9 | 19.6 | 10 28 | 2 2.10 | + 8 6.2 | 2.379 | 3.324 | 6.2 | 21.5 |
| 11 7 | 1 47.22 | +36 27.6 | 1.539 | 2.475 | 9.5 | 19.6 | 11 7 | 1 54.88 | + 8 43.1 | 2.447 | 3.352 | 8.1 | 21.6 |
| 11 17 | 1 34.55 | +36 39.3 | 1.551 | 2.453 | 11.9 | 19.7 | 11 17 | 1 48.69 | + 9 0.8 | 2.541 | 3.380 | 10.3 | 21.8 |
| 11 27 | 1 24.58 | +36 32.4 | 1.586 | 2.431 | 14.9 | 19.9 | 11 27 | 1 44.04 | + 8 59.3 | 2.658 | 3.407 | 12.3 | 22.0 |
| 442279 | 2011 <i>RS</i> ₁ | 10 26.3 83°95 | 1°2/27.3 18 | | | | 318277 | 2004 <i>TP</i> ₁₆ | 10 26.3 26°69 | 3°1/29.2 18 | | | |
| 9 18 | 2 30.63 | +18 10.4 | 1.818 | 2.618 | 16.0 | 21.5 | 9 18 | 2 27.69 | +23 29.6 | 2.130 | 2.905 | 14.8 | 20.2 |
| 9 28 | 2 26.20 | +17 56.7 | 1.749 | 2.633 | 12.7 | 21.3 | 9 28 | 2 23.82 | +23 32.7 | 2.045 | 2.907 | 12.0 | 20.0 |
| 10 8 | 2 19.43 | +17 28.6 | 1.702 | 2.647 | 8.7 | 21.1 | 10 8 | 2 17.84 | +23 20.3 | 1.981 | 2.909 | 8.8 | 19.8 |
| 10 18 | 2 10.97 | +16 47.8 | 1.679 | 2.661 | 4.4 | 20.8 | 10 18 | 2 10.27 | +22 52.3 | 1.941 | 2.911 | 5.5 | 19.6 |
| 10 28 | 2 1.82 | +15 58.2 | 1.683 | 2.676 | 1.3 | 20.6 | 10 28 | 2 1.97 | +22 10.6 | 1.929 | 2.914 | 3.1 | 19.5 |
| 11 7 | 1 53.09 | +15 5.6 | 1.716 | 2.690 | 4.9 | 20.9 | 11 7 | 1 53.91 | +21 19.6 | 1.945 | 2.917 | 4.7 | 19.6 |
| 11 17 | 1 45.76 | +14 16.1 | 1.777 | 2.704 | 9.0 | 21.2 | 11 17 | 1 46.98 | +20 24.9 | 1.989 | 2.919 | 8.0 | 19.8 |
| 11 27 | 1 40.57 | +13 35.6 | 1.862 | 2.718 | 12.6 | 21.5 | 11 27 | 1 41.94 | +19 32.9 | 2.060 | 2.922 | 11.2 | 20.0 |
| 213469 | 2002 <i>EX</i> ₆₀ | 10 26.3 75°68 | 3°7/28.7 18 R | | | | 21173 | 1994 <i>CU</i> ₁₀ | 10 26.3 297°68 | 4°9/23.0 18 | | | |
| 9 18 | 2 35.38 | +22 29.4 | 1.357 | 2.157 | 20.5 | 20.0 | 9 18 | 2 30.05 | + 4 40.7 | 1.429 | 2.275 | 17.3 | 18.2 |
| 9 28 | 2 30.70 | +22 41.1 | 1.299 | 2.177 | 16.5 | 19.8 | 9 28 | 2 26.39 | + 3 41.5 | 1.359 | 2.271 | 13.5 | 17.9 |
| 10 8 | 2 22.82 | +22 31.7 | 1.259 | 2.197 | 11.9 | 19.6 | 10 8 | 2 19.93 | + 2 35.5 | 1.309 | 2.268 | 9.3 | 17.7 |
| 10 18 | 2 12.61 | +22 0.7 | 1.242 | 2.217 | 7.0 | 19.4 | 10 18 | 2 11.34 | + 1 29.7 | 1.283 | 2.265 | 5.6 | 17.5 |
| 10 28 | 2 1.50 | +21 11.3 | 1.249 | 2.237 | 3.7 | 19.3 | 10 28 | 2 1.76 | + 0 32.7 | 1.283 | 2.262 | 5.5 | 17.5 |
| 11 7 | 1 51.07 | +20 10.8 | 1.283 | 2.257 | 6.2 | 19.5 | 11 7 | 1 52.55 | + 0 7.5 | 1.308 | 2.259 | 9.3 | 17.7 |
| 11 17 | 1 42.68 | +19 8.5 | 1.343 | 2.276 | 10.7 | 19.8 | 11 17 | 1 44.92 | + 0 25.9 | 1.358 | 2.257 | 13.5 | 17.9 |
| 11 27 | 1 37.22 | +18 13.6 | 1.426 | 2.296 | 14.8 | 20.1 | 11 27 | 1 39.80 | + 0 20.6 | 1.428 | 2.254 | 17.3 | 18.2 |
| 374002 | 2004 <i>BW</i> ₁₂₈ | 10 26.3 357°18 | 2°3/27.6 18 | | | | 515309 | 2012 <i>VL</i> ₅₈ | 10 26.3 131°99 | 1°9/24.8 18 | | | |
| 9 18 | 2 24.72 | +18 16.5 | 1.036 | 1.888 | 22.0 | 20.5 | 9 18 | 2 31.61 | + 9 14.5 | 1.886 | 2.705 | 14.8 | 22.0 |
| 9 28 | 2 23.41 | +18 28.0 | 0.970 | 1.882 | 17.7 | 20.2 | 9 28 | 2 26.85 | + 8 48.8 | 1.814 | 2.712 | 11.5 | 21.8 |
| 10 8 | 2 18.58 | +18 18.7 | 0.921 | 1.878 | 12.5 | 19.9 | 10 8 | 2 19.84 | + 8 15.8 | 1.763 | 2.719 | 7.6 | 21.6 |
| 10 18 | 2 10.90 | +17 48.8 | 0.891 | 1.876 | 6.6 | 19.6 | 10 18 | 2 11.19 | + 7 39.0 | 1.738 | 2.725 | 3.6 | 21.3 |
| 10 28 | 2 1.81 | +17 2.6 | 0.883 | 1.875 | 2.3 | 19.4 | 10 28 | 2 1.82 | + 7 3.0 | 1.742 | 2.731 | 2.3 | 21.2 |
| 11 7 | 1 53.12 | +16 8.7 | 0.898 | 1.876 | 7.1 | 19.7 | 11 7 | 1 52.81 | + 6 32.9 | 1.774 | 2.737 | 6.0 | 21.5 |
| 11 17 | 1 46.48 | +15 17.7 | 0.935 | 1.878 | 12.8 | 20.0 | 11 17 | 1 45.08 | + 6 13.0 | 1.833 | 2.743 | 9.9 | 21.7 |
| 11 27 | 1 43.06 | +14 39.1 | 0.992 | 1.882 | 17.9 | 20.3 | 11 27 | 1 39.39 | + 6 6.3 | 1.917 | 2.748 | 13.3 | 22.0 |
| 184847 | 2005 <i>UR</i> ₄₆ | 10 26.3 65°19 | 1°3/25.2 18 | | | | 409737 | 2006 <i>CC</i> ₅₃ | 10 26.3 158°81 | 6°0/19.4 18 | | | |
| 9 18 | 2 27.64 | +11 13.0 | 1.999 | 2.818 | 14.1 | 20.5 | 9 18 | 2 25.86 | + 6 11.8 | 2.645 | 3.467 | 10.9 | 21.4 |
| 9 28 | 2 23.66 | +10 40.8 | 1.926 | 2.824 | 10.9 | 20.3 | 9 28 | 2 21.73 | + 7 24.2 | 2.581 | 3.471 | 8.8 | 21.3 |
| 10 8 | 2 17.63 | + 9 59.9 | 1.875 | 2.831 | 7.2 | 20.1 | 10 8 | 2 16.08 | + 8 33.5 | 2.543 | 3.475 | 6.9 | 21.1 |
| 10 18 | 2 10.13 | + 9 13.6 | 1.850 | 2.838 | 3.3 | 19.8 | 10 18 | 2 9.36 | + 9 34.5 | 2.531 | 3.478 | 6.0 | 21.1 |
| 10 28 | 2 1.99 | + 8 26.6 | 1.853 | 2.844 | 1.8 | 19.7 | 10 28 | 2 2.20 | +10 22.0 | 2.548 | 3.481 | 6.5 | 21.1 |
| 11 7 | 1 54.16 | + 7 44.1 | 1.885 | 2.851 | 5.5 | 20.0 | 11 7 | 1 55.26 | +10 52.4 | 2.592 | 3.484 | 8.2 | 21.3 |
| 11 17 | 1 47.49 | + 7 10.8 | 1.944 | 2.858 | 9.2 | 20.2 | 11 17 | 1 49.18 | +11 4.0 | 2.662 | 3.487 | 10.3 | 21.4 |
| 11 27 | 1 42.66 | + 6 50.3 | 2.028 | 2.865 | 12.5 | 20.5</ | | | | | | | |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|-------------------------------|-----------------|----------|-----------|---------|------|
| 20161 | 1996 <i>TR</i> ₆₆ | 10 26.3 | 57°89 | 0°2/30.1 | 08 | C | 343660 | 2010 <i>LW</i> ₁₁₃ | 10 26.3 | 244°27 | 3°0/23.7 | 18 | |
| 9 18 | 2 6.23 | +23 39.7 | 44.086 | 44.823 | 0.9 | 24.1 | 9 18 | 2 29.67 | +6 39.0 | 2.153 | 2.972 | 13.2 | 20.9 |
| 9 28 | 2 5.58 | +23 38.1 | 43.997 | 44.833 | 0.7 | 24.1 | 9 28 | 2 25.29 | +5 50.2 | 2.057 | 2.956 | 10.3 | 20.7 |
| 10 8 | 2 4.85 | +23 35.8 | 43.932 | 44.844 | 0.5 | 24.1 | 10 8 | 2 18.83 | +4 54.6 | 1.985 | 2.940 | 7.0 | 20.4 |
| 10 18 | 2 4.08 | +23 32.9 | 43.895 | 44.854 | 0.3 | 24.1 | 10 18 | 2 10.79 | +3 56.3 | 1.939 | 2.922 | 3.8 | 20.2 |
| 10 28 | 2 3.28 | +23 29.3 | 43.888 | 44.865 | 0.2 | 24.0 | 10 28 | 2 1.93 | +3 0.9 | 1.921 | 2.904 | 3.5 | 20.2 |
| 11 7 | 2 2.48 | +23 25.4 | 43.910 | 44.875 | 0.3 | 24.0 | 11 7 | 1 53.19 | +2 14.0 | 1.933 | 2.886 | 6.6 | 20.3 |
| 11 17 | 2 1.72 | +23 21.1 | 43.961 | 44.886 | 0.5 | 24.1 | 11 17 | 1 45.46 | +1 40.4 | 1.973 | 2.867 | 10.2 | 20.5 |
| 11 27 | 2 1.03 | +23 16.7 | 44.042 | 44.896 | 0.6 | 24.1 | 11 27 | 1 39.48 | +1 23.1 | 2.037 | 2.848 | 13.4 | 20.7 |
| 239631 | 2008 <i>VU</i> ₄₁ | 10 26.3 | 267°04 | 3°5/23.6 | 18 | | 215405 | 2002 <i>EY</i> ₁₀₈ | 10 26.3 | 117°78 | 2°3/28.2 | 18 | |
| 9 18 | 2 29.85 | +5 44.8 | 1.858 | 2.686 | 14.6 | 21.1 | 9 18 | 2 34.15 | +21 46.3 | 1.648 | 2.436 | 17.9 | 20.9 |
| 9 28 | 2 25.77 | +5 1.3 | 1.766 | 2.670 | 11.4 | 20.9 | 9 28 | 2 29.22 | +21 25.3 | 1.579 | 2.453 | 14.3 | 20.7 |
| 10 8 | 2 19.33 | +4 11.4 | 1.696 | 2.653 | 7.8 | 20.6 | 10 8 | 2 21.61 | +20 44.9 | 1.530 | 2.468 | 10.1 | 20.5 |
| 10 18 | 2 11.06 | +3 19.7 | 1.652 | 2.635 | 4.4 | 20.4 | 10 18 | 2 12.05 | +19 46.2 | 1.505 | 2.484 | 5.6 | 20.3 |
| 10 28 | 2 1.84 | +2 32.4 | 1.635 | 2.618 | 4.1 | 20.3 | 10 28 | 2 1.72 | +18 33.6 | 1.508 | 2.498 | 2.3 | 20.1 |
| 11 7 | 1 52.74 | +1 55.5 | 1.646 | 2.600 | 7.5 | 20.5 | 11 7 | 1 51.92 | +17 14.8 | 1.539 | 2.512 | 5.4 | 20.4 |
| 11 17 | 1 44.81 | +1 33.8 | 1.684 | 2.582 | 11.4 | 20.7 | 11 17 | 1 43.78 | +15 58.3 | 1.597 | 2.526 | 9.7 | 20.7 |
| 11 27 | 1 38.90 | +1 30.3 | 1.745 | 2.564 | 15.0 | 20.9 | 11 27 | 1 38.12 | +14 52.2 | 1.680 | 2.538 | 13.5 | 20.9 |
| 283621 | 2002 <i>CO</i> ₁₇₂ | 10 26.3 | 186°82 | 1°4/25.2 | 18 | | 408564 | 2013 <i>KJ</i> ₁₇ | 10 26.3 | 72°67 | 7°8/18.6 | 18 | |
| 9 18 | 2 31.82 | +10 17.4 | 2.045 | 2.856 | 14.1 | 21.2 | 9 18 | 2 26.96 | -9 37.7 | 2.178 | 3.005 | 12.8 | 20.3 |
| 9 28 | 2 26.94 | +9 54.6 | 1.962 | 2.856 | 11.0 | 21.0 | 9 28 | 2 22.88 | -10 55.1 | 2.126 | 3.013 | 10.6 | 20.2 |
| 10 8 | 2 19.90 | +9 24.0 | 1.902 | 2.856 | 7.3 | 20.8 | 10 8 | 2 16.98 | -12 6.0 | 2.097 | 3.021 | 8.7 | 20.1 |
| 10 18 | 2 11.24 | +8 48.6 | 1.868 | 2.854 | 3.4 | 20.6 | 10 18 | 2 9.82 | -13 3.6 | 2.094 | 3.029 | 7.9 | 20.1 |
| 10 28 | 2 1.83 | +8 12.4 | 1.862 | 2.853 | 1.8 | 20.5 | 10 28 | 2 2.17 | -13 42.1 | 2.117 | 3.037 | 8.5 | 20.1 |
| 11 7 | 1 52.66 | +7 40.3 | 1.886 | 2.851 | 5.6 | 20.7 | 11 7 | 1 54.85 | -13 57.8 | 2.166 | 3.045 | 10.2 | 20.3 |
| 11 17 | 1 44.67 | +7 16.6 | 1.938 | 2.848 | 9.4 | 20.9 | 11 17 | 1 48.61 | -13 49.8 | 2.239 | 3.053 | 12.3 | 20.4 |
| 11 27 | 1 38.60 | +7 4.6 | 2.015 | 2.845 | 12.8 | 21.1 | 11 27 | 1 44.02 | -13 19.6 | 2.333 | 3.061 | 14.3 | 20.6 |
| 155153 | 2005 <i>UV</i> ₇₈ | 10 26.3 | 17°19 | 2°0/24.7 | 18 | | 178620 | 2000 <i>FY</i> ₁₄ | 10 26.3 | 75°13 | 12°7/14.8 | 18 | |
| 9 18 | 2 26.66 | +9 34.0 | 1.799 | 2.629 | 14.9 | 20.0 | 9 18 | 2 27.98 | -1 45.8 | 1.029 | 1.903 | 20.4 | 19.1 |
| 9 28 | 2 23.15 | +8 59.9 | 1.727 | 2.632 | 11.6 | 19.8 | 9 28 | 2 25.37 | -5 57.6 | 0.991 | 1.913 | 16.4 | 18.9 |
| 10 8 | 2 17.44 | +8 17.6 | 1.677 | 2.636 | 7.7 | 19.6 | 10 8 | 2 19.44 | -10 11.8 | 0.976 | 1.922 | 13.4 | 18.7 |
| 10 18 | 2 10.11 | +7 30.9 | 1.652 | 2.640 | 3.6 | 19.3 | 10 18 | 2 11.13 | -14 3.6 | 0.985 | 1.932 | 12.9 | 18.8 |
| 10 28 | 2 2.06 | +6 45.3 | 1.654 | 2.644 | 2.5 | 19.3 | 10 28 | 2 1.92 | -17 9.7 | 1.019 | 1.942 | 15.0 | 18.9 |
| 11 7 | 1 54.33 | +6 6.6 | 1.684 | 2.649 | 6.2 | 19.5 | 11 7 | 1 53.45 | -19 17.2 | 1.074 | 1.953 | 18.2 | 19.2 |
| 11 17 | 1 47.84 | +5 39.5 | 1.741 | 2.654 | 10.1 | 19.8 | 11 17 | 1 47.05 | -20 24.7 | 1.148 | 1.963 | 21.5 | 19.4 |
| 11 27 | 1 43.33 | +5 27.2 | 1.821 | 2.659 | 13.6 | 20.0 | 11 27 | 1 43.60 | -20 38.6 | 1.236 | 1.973 | 24.3 | 19.7 |
| 410865 | 2009 <i>RZ</i> ₇₂ | 10 26.3 | 64°70 | 0°1/26.4 | 17 | | 436462 | 2011 <i>DZ</i> ₁ | 10 26.3 | 207°22 | 3°2/23.8 | 15 | |
| 9 18 | 2 29.96 | +13 19.6 | 2.231 | 3.033 | 13.4 | 21.6 | 9 18 | 2 31.19 | +7 7.8 | 1.823 | 2.648 | 15.0 | 22.4 |
| 9 28 | 2 25.33 | +13 23.0 | 2.150 | 3.037 | 10.5 | 21.4 | 9 28 | 2 26.73 | +6 15.6 | 1.742 | 2.644 | 11.7 | 22.1 |
| 10 8 | 2 18.73 | +13 18.6 | 2.091 | 3.041 | 7.1 | 21.2 | 10 8 | 2 19.90 | +5 15.5 | 1.683 | 2.639 | 7.9 | 21.9 |
| 10 18 | 2 10.67 | +13 7.7 | 2.059 | 3.045 | 3.3 | 21.0 | 10 18 | 2 11.30 | +4 12.7 | 1.650 | 2.634 | 4.2 | 21.7 |
| 10 28 | 2 1.95 | +12 52.9 | 2.056 | 3.049 | 0.6 | 20.8 | 10 28 | 2 1.86 | +3 13.6 | 1.645 | 2.629 | 3.8 | 21.6 |
| 11 7 | 1 53.45 | +12 37.3 | 2.082 | 3.053 | 4.5 | 21.1 | 11 7 | 1 52.68 | +2 24.9 | 1.668 | 2.623 | 7.3 | 21.8 |
| 11 17 | 1 46.02 | +12 24.7 | 2.137 | 3.058 | 8.1 | 21.3 | 11 17 | 1 44.78 | +1 51.7 | 1.718 | 2.616 | 11.2 | 22.1 |
| 11 27 | 1 40.34 | +12 18.4 | 2.218 | 3.062 | 11.2 | 21.6 | 11 27 | 1 38.97 | +1 37.1 | 1.791 | 2.609 | 14.7 | 22.3 |
| 354463 | 2004 <i>BE</i> ₁₁₇ | 10 26.3 | 315°53 | 12°0/3.6 | 18 | | 447292 | 2005 <i>WZ</i> ₃₇ | 10 26.3 | 357°19 | 4°7/22.9 | 18 | |
| 9 18 | 2 37.34 | +40 26.1 | 1.843 | 2.523 | 19.8 | 20.4 | 9 18 | 2 28.66 | +1 6.3 | 1.826 | 2.662 | 14.5 | 21.0 |
| 9 28 | 2 33.02 | +42 16.5 | 1.751 | 2.513 | 17.9 | 20.2 | 9 28 | 2 24.67 | +0 34.7 | 1.755 | 2.661 | 11.4 | 20.7 |
| 10 8 | 2 25.14 | +43 46.6 | 1.676 | 2.503 | 15.7 | 20.1 | 10 8 | 2 18.46 | +0 2.2 | 1.705 | 2.659 | 8.0 | 20.5 |
| 10 18 | 2 14.13 | +44 47.9 | 1.620 | 2.493 | 13.7 | 19.9 | 10 18 | 2 10.61 | -0 25.9 | 1.680 | 2.658 | 5.2 | 20.4 |
| 10 28 | 2 1.17 | +45 13.7 | 1.586 | 2.484 | 12.3 | 19.8 | 10 28 | 2 2.02 | -0 44.2 | 1.683 | 2.658 | 5.2 | 20.4 |
| 11 7 | 1 48.02 | +45 2.2 | 1.575 | 2.474 | 12.1 | 19.8 | 11 7 | 1 53.72 | -0 48.6 | 1.713 | 2.658 | 8.0 | 20.6 |
| 11 17 | 1 36.50 | +44 17.7 | 1.587 | 2.466 | 13.2 | 19.8 | 11 17 | 1 46.66 | -0 36.5 | 1.768 | 2.658 | 11.4 | 20.8 |
| 11 27 | 1 28.14 | +43 10.5 | 1.622 | 2.457 | 15.1 | 19.9 | 11 27 | 1 41.59 | -0 7.3 | 1.846 | 2.659 | 14.5 | 21.0 |
| 160627 | 1999 <i>TQ</i> ₂₉₅ | 10 26.3 | 59°26 | 4°2/22.9 | 18 | | 515706 | 2014 <i>QT</i> ₃₈₀ | 10 26.3 | 108°34 | 3°7/30.2 | 18 | |
| 9 18 | 2 29.72 | +7 53.8 | 1.467 | 2.307 | 17.2 | 19.7 | 9 18 | 2 31.33 | +26 32.5 | 2.706 | 3.443 | 12.8 | 21.8 |
| 9 28 | 2 25.55 | +6 16.6 | 1.427 | 2.338 | 13.1 | 19.5 | 9 28 | 2 26.11 | +26 49.9 | 2.628 | 3.462 | 10.6 | 21.7 |
| 10 8 | 2 18.93 | +4 31.3 | 1.408 | 2.368 | 8.7 | 19.3 | 10 8 | 2 19.10 | +26 53.7 | 2.573 | 3.480 | 8.0 | 21.5 |
| 10 18 | 2 10.69 | +2 46.7 | 1.415 | 2.399 | 4.9 | 19.2 | 10 18 | 2 10.81 | +26 43.2 | 2.543 | 3.498 | 5.4 | 21.4 |
| 10 28 | 2 1.98 | +1 12.8 | 1.449 | 2.430 | 4.9 | 19.2 | 10 28 | 2 1.98 | +26 19.3 | 2.542 | 3.516 | 3.7 | 21.3 |
| 11 7 | 1 53.99 | -0 2.3 | 1.510 | 2.460 | 8.4 | 19.5 | 11 7 | 1 53.42 | +25 44.9 | 2.571 | 3.534 | 4.5 | 21.4 |
| 11 17 | 1 47.64 | -0 53.5 | 1.597 | 2.491 | 12.1 | 19.8 | 11 17 | 1 45.88 | +25 4.0 | 2.629 | 3.550 | 6.7 | 21.6 |
| 11 27 | 1 43.58 | -1 19.5 | 1.705 | 2.521 | 15.4 | 20.1 | 11 27 | 1 39.95 | +24 21.7 | 2.714 | 3.567 | 9.1 | 21.7 |
| 142685 | 2002 <i>TL</i> ₂₃₃ | 10 26.3 | 15°01 | 8°6/1.7 | 18 | | 238189 | 2003 <i>SH</i> ₂₈₇ | 10 26.3 | 142°21 | 2°4/24.0 | 18 | |
| 9 18 | 2 32.51 | +33 10.5 | 1.689 | 2.428 | 19.4 | 19.8 | 9 18 | 2 28.07 | +10 14.4 | 1.943 | 2.765 | 14.3 | 21.3 |
| 9 28 | 2 28.65 | +34 19.1 | 1.610 | 2.430 | 16.7 | 19.7 | 9 28 | 2 24.05 | +9 4.2 | 1.870 | 2.771 | 11.0 | 21.1 |
| 10 8 | 2 21.71 | +35 5.9 | 1.549 | 2.433 | 13.8 | 19.5 | 10 8 | 2 17.94 | +7 43.8 | 1.819 | 2.776 | 7.3 | 20.8 |
| 10 18 | 2 12.30 | +35 25.7 | 1.508 | 2.436 | 10.9 | 19.3 | 10 18 | 2 10.33 | +6 18.2 | 1.795 | 2.781 | 3.6 | 20.6 |
| 10 28 | 2 1.60 | +35 15.7 | 1.491 | 2.440 | 8.9 | 19.2 | 10 28 | 2 2.08 | +4 54.5 | 1.799 | 2.786 | 3.0 | 20.6 |
| 11 7 | 1 51.14 | +34 38.2 | 1.499 | 2.444 | 8.9 | 19.2 | 11 7 | 1 54.17 | +3 39.8 | 1.833 | 2.791 | 6.5 | 20.8 |
| 11 17 | 1 42.35 | +33 40.1 | 1.532 | 2.449 | 11.0 | 19.4 | 11 17 | 1 47.45 | +2 40.0 | 1.894 | 2.795 | 10.1 | 21.1 |
| 11 27 | 1 36.33 | +32 31.6 | 1.589 | 2.454 | 13.8 | 19.5 | 11 27 | 1 42.61 | +1 58.8 | 1.979 | 2.799 | 13.4 | 21.3 |
| 225058 | 2007 <i>HG</i> ₃ | 10 26.3 | 37°94 | 0°5/25.9 | 18 | | 140562 | 2001 <i>TS</i> ₂₀₇ | 10 26.3 | 295°03 | 0°2/26.1 | 18 | R |
| 9 18 | 2 28.38 | +12 11.5 | 2.171 | 2.981 | 13.4 | 20.6 | 9 18 | 2 27.12 | +14 26.0 | 1.922 | 2.736 | 14.7 | 20.3 |
| 9 28 | 2 24.15 | +12 1.7 | 2.091 | 2.984 | 10.5 | 20.4 | 9 28 | 2 23.64 | +14 0.6 | 1.827 | 2.721 | 11.6 | 20.1 |
| 10 8 | 2 17.95 | +11 44.0 | 2.034 | 2.987 | 7.0 | 20.2 | 10 8 | 2 17.91 | +13 22.9 | 1.753 | 2.706 | 7.9 | 19.8 |
| 10 18 | 2 10.32 | +11 20.5 | 2.003 | 2.990 | 3.2 | 20.0 | 10 18 | 2 10.43 | +12 35.3 | 1.704 | 2.691 | 3.7 | 19.6 |
| 10 28 | 2 2.03 | +10 54.5 | 2.000 | 2.993 | 1.0 | 19.8 | 10 28 | 2 2.04 | +11 42.0 | 1.684 | 2.677 | 0.9 | 19.3 |
| 11 7 | 1 53.99 | +10 29.9 | 2.026 | 2.996 | 4.8 | 20.1 | 11 7 | 1 53.79 | +10 48.9 | 1.691 | 2.662 | 5.4 | 19.6 |
| 11 17 | 1 47.00 | +10 10.5 | 2.081 | 2.999 | 8.4 | 20.4 | 11 17 | 1 46.65 | +10 1.9 | 1.725 | 2.647 | 9.6 | 19.8 |
| 11 27 | 1 41.76 | +9 59.9 | 2.161 | 3.003 | 11.6 | 20.6 | 11 27 | 1 41.45 | +9 26.5 | 1.7 | | | |

EPHEMERIDES

10 26.3

10 26.4

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|-----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 42948 | 1999 <i>TR</i> ₉₈ | 10 26.3 | 91°27 | 4.6°/23.4 | 18 | | 513912 | 2013 <i>YE</i> ₁₂₆ | 10 26.4 | 246°14 | 0°2/26.2 | 18 | |
| 9 18 | 2 32.54 | + 4 25.0 | 1.450 | 2.291 | 17.4 | 18.5 | 9 18 | 2 31.04 | +14 22.5 | 1.838 | 2.648 | 15.5 | 22.2 |
| 9 28 | 2 28.14 | + 3 36.0 | 1.389 | 2.299 | 13.5 | 18.3 | 9 28 | 2 26.82 | +14 1.8 | 1.745 | 2.636 | 12.2 | 21.9 |
| 10 8 | 2 20.98 | + 2 42.1 | 1.349 | 2.307 | 9.2 | 18.1 | 10 8 | 2 20.13 | +13 29.0 | 1.673 | 2.625 | 8.3 | 21.7 |
| 10 18 | 2 11.80 | + 1 49.6 | 1.333 | 2.316 | 5.4 | 17.9 | 10 18 | 2 11.52 | +12 45.8 | 1.626 | 2.612 | 3.9 | 21.4 |
| 10 28 | 2 1.80 | + 1 6.4 | 1.343 | 2.324 | 5.2 | 17.9 | 10 28 | 2 1.92 | +11 56.6 | 1.607 | 2.600 | 0.9 | 21.1 |
| 11 7 | 1 52.30 | + 0 38.7 | 1.380 | 2.332 | 8.8 | 18.1 | 11 7 | 1 52.47 | +11 7.2 | 1.616 | 2.587 | 5.6 | 21.5 |
| 11 17 | 1 44.48 | + 0 30.6 | 1.441 | 2.340 | 12.8 | 18.4 | 11 17 | 1 44.26 | +10 23.8 | 1.653 | 2.574 | 10.0 | 21.7 |
| 11 27 | 1 39.17 | + 0 43.4 | 1.523 | 2.348 | 16.5 | 18.7 | 11 27 | 1 38.18 | + 9 51.8 | 1.714 | 2.561 | 13.9 | 21.9 |
| 228120 | 2008 <i>TV</i> ₁₃₉ | 10 26.3 | 68°11 | 0°7/27.5 | 18 | | 208298 | 2001 <i>FL</i> ₄₀ | 10 26.4 | 299°64 | 1°4/27.2 | 18 | |
| 9 18 | 2 19.97 | +17 43.8 | 4.352 | 5.129 | 7.7 | 20.4 | 9 18 | 2 30.19 | +16 38.4 | 1.672 | 2.484 | 16.7 | 20.6 |
| 9 28 | 2 16.72 | +17 28.6 | 4.263 | 5.134 | 6.1 | 20.3 | 9 28 | 2 26.65 | +16 46.0 | 1.570 | 2.460 | 13.4 | 20.3 |
| 10 8 | 2 12.55 | +17 7.0 | 4.199 | 5.138 | 4.2 | 20.1 | 10 8 | 2 20.35 | +16 40.7 | 1.488 | 2.437 | 9.4 | 20.0 |
| 10 18 | 2 7.73 | +16 40.3 | 4.162 | 5.143 | 2.2 | 20.0 | 10 18 | 2 11.77 | +16 22.6 | 1.430 | 2.414 | 4.9 | 19.7 |
| 10 28 | 2 2.62 | +16 9.9 | 4.156 | 5.148 | 0.7 | 19.9 | 10 28 | 2 1.87 | +15 54.1 | 1.398 | 2.390 | 1.4 | 19.4 |
| 11 7 | 1 57.62 | +15 37.9 | 4.181 | 5.153 | 2.4 | 20.0 | 11 7 | 1 51.93 | +15 19.8 | 1.393 | 2.367 | 5.7 | 19.6 |
| 11 17 | 1 53.10 | +15 6.5 | 4.235 | 5.158 | 4.4 | 20.2 | 11 17 | 1 43.25 | +14 46.1 | 1.415 | 2.345 | 10.6 | 19.9 |
| 11 27 | 1 49.38 | +14 38.0 | 4.319 | 5.163 | 6.2 | 20.3 | 11 27 | 1 36.94 | +14 19.6 | 1.460 | 2.322 | 15.0 | 20.1 |
| 220187 | 2002 <i>UZ</i> ₇₂ | 10 26.3 | 38°58 | 0°0/26.4 | 18 | | 219020 | 1981 <i>EH</i> ₃₂ | 10 26.4 | 151°27 | 1°0/27.5 | 18 | |
| 9 18 | 2 32.90 | +13 9.6 | 1.226 | 2.064 | 20.1 | 19.7 | 9 18 | 2 26.69 | +19 24.0 | 2.432 | 3.217 | 12.9 | 20.3 |
| 9 28 | 2 29.00 | +13 16.6 | 1.169 | 2.075 | 15.7 | 19.5 | 9 28 | 2 22.69 | +18 50.0 | 2.347 | 3.221 | 10.2 | 20.1 |
| 10 8 | 2 21.86 | +13 11.3 | 1.129 | 2.087 | 10.6 | 19.2 | 10 8 | 2 16.92 | +18 2.9 | 2.283 | 3.225 | 7.1 | 20.0 |
| 10 18 | 2 12.31 | +12 55.5 | 1.112 | 2.100 | 4.9 | 19.0 | 10 18 | 2 9.88 | +17 4.4 | 2.246 | 3.228 | 3.6 | 19.7 |
| 10 28 | 2 1.73 | +12 33.6 | 1.120 | 2.113 | 1.0 | 18.7 | 10 28 | 2 2.28 | +15 58.2 | 2.239 | 3.231 | 1.0 | 19.6 |
| 11 7 | 1 51.76 | +12 11.9 | 1.153 | 2.127 | 6.7 | 19.2 | 11 7 | 1 54.92 | +14 49.3 | 2.261 | 3.234 | 4.0 | 19.8 |
| 11 17 | 1 43.78 | +11 56.7 | 1.210 | 2.141 | 11.9 | 19.5 | 11 17 | 1 48.53 | +13 43.2 | 2.313 | 3.237 | 7.4 | 20.0 |
| 11 27 | 1 38.75 | +11 52.9 | 1.289 | 2.156 | 16.3 | 19.8 | 11 27 | 1 43.72 | +12 45.0 | 2.391 | 3.239 | 10.4 | 20.2 |
| 136036 | 2002 <i>VK</i> ₁₂₂ | 10 26.3 | 18°68 | 5°2/29.5 | 18 | | 424584 | 2008 <i>GY</i> ₅₇ | 10 26.4 | 135°75 | 0°2/26.2 | 16 | |
| 9 18 | 2 30.98 | +23 20.9 | 1.418 | 2.219 | 19.7 | 18.6 | 9 18 | 2 34.24 | +14 7.9 | 1.828 | 2.632 | 15.8 | 22.0 |
| 9 28 | 2 27.49 | +24 10.6 | 1.351 | 2.226 | 16.2 | 18.4 | 9 28 | 2 29.02 | +13 49.7 | 1.756 | 2.644 | 12.3 | 21.8 |
| 10 8 | 2 20.91 | +24 54.4 | 1.303 | 2.235 | 12.1 | 18.1 | 10 8 | 2 21.39 | +13 20.3 | 1.705 | 2.655 | 8.3 | 21.6 |
| 10 18 | 2 11.92 | +25 5.1 | 1.276 | 2.244 | 8.0 | 17.9 | 10 18 | 2 12.01 | +12 41.9 | 1.680 | 2.666 | 3.8 | 21.3 |
| 10 28 | 2 1.79 | +24 58.8 | 1.273 | 2.254 | 5.3 | 17.8 | 10 28 | 2 1.87 | +11 58.7 | 1.683 | 2.676 | 0.8 | 21.1 |
| 11 7 | 1 52.05 | +24 35.3 | 1.295 | 2.265 | 6.8 | 17.9 | 11 7 | 1 52.15 | +11 16.3 | 1.715 | 2.685 | 5.4 | 21.5 |
| 11 17 | 1 44.10 | +24 1.7 | 1.343 | 2.277 | 10.6 | 18.2 | 11 17 | 1 43.84 | +10 40.1 | 1.775 | 2.694 | 9.6 | 21.7 |
| 11 27 | 1 38.95 | +23 26.6 | 1.413 | 2.290 | 14.4 | 18.5 | 11 27 | 1 37.73 | +10 14.9 | 1.860 | 2.703 | 13.1 | 22.0 |
| 100658 | 1997 <i>WH</i> ₂₀ | 10 26.3 | 195°01 | 0°2/26.1 | 18 | | 23456 | 1989 <i>DB</i> | 10 26.4 | 215°76 | 0°1/26.3 | 18 | |
| 9 18 | 2 28.46 | +14 29.8 | 2.413 | 3.211 | 12.6 | 20.9 | 9 18 | 2 33.10 | +14 11.6 | 1.951 | 2.753 | 15.0 | 18.6 |
| 9 28 | 2 24.06 | +13 59.4 | 2.323 | 3.209 | 9.9 | 20.7 | 9 28 | 2 28.24 | +13 56.4 | 1.859 | 2.746 | 11.8 | 18.4 |
| 10 8 | 2 17.85 | +13 19.1 | 2.257 | 3.206 | 6.6 | 20.5 | 10 8 | 2 20.99 | +13 30.2 | 1.789 | 2.739 | 8.0 | 18.1 |
| 10 18 | 2 10.30 | +12 31.1 | 2.217 | 3.204 | 3.1 | 20.3 | 10 18 | 2 11.91 | +12 54.7 | 1.744 | 2.730 | 3.8 | 17.8 |
| 10 28 | 2 2.13 | +11 38.9 | 2.207 | 3.200 | 0.7 | 20.1 | 10 28 | 2 1.89 | +12 13.6 | 1.728 | 2.721 | 0.8 | 17.6 |
| 11 7 | 1 54.15 | +10 47.3 | 2.227 | 3.196 | 4.4 | 20.4 | 11 7 | 1 52.05 | +11 32.0 | 1.741 | 2.712 | 5.3 | 17.9 |
| 11 17 | 1 47.13 | +10 0.9 | 2.276 | 3.192 | 7.9 | 20.6 | 11 17 | 1 43.43 | +10 55.4 | 1.782 | 2.701 | 9.5 | 18.1 |
| 11 27 | 1 41.70 | + 9 24.0 | 2.351 | 3.188 | 11.0 | 20.8 | 11 27 | 1 36.88 | +10 28.7 | 1.848 | 2.691 | 13.2 | 18.4 |
| 114756 | 2003 <i>HC</i> ₄₅ | 10 26.3 | 70°77 | 0°9/25.7 | 18 R | | 333565 | 2006 <i>AJ</i> ₃₄ | 10 26.4 | 305°63 | 22°5/2.1 | 17 | |
| 9 18 | 2 32.17 | +12 31.4 | 1.568 | 2.391 | 17.1 | 19.8 | 9 18 | 2 27.24 | -25 49.0 | 0.976 | 1.822 | 23.5 | 19.6 |
| 9 28 | 2 27.59 | +12 4.9 | 1.512 | 2.411 | 13.3 | 19.6 | 9 28 | 2 25.69 | -29 47.0 | 0.951 | 1.811 | 22.6 | 19.5 |
| 10 8 | 2 20.45 | +11 27.3 | 1.476 | 2.432 | 8.8 | 19.4 | 10 8 | 2 20.25 | -33 12.5 | 0.943 | 1.800 | 22.7 | 19.4 |
| 10 18 | 2 11.52 | +10 42.1 | 1.464 | 2.452 | 4.0 | 19.1 | 10 18 | 2 11.78 | -35 44.1 | 0.951 | 1.790 | 23.7 | 19.5 |
| 10 28 | 2 1.91 | + 9 55.0 | 1.479 | 2.472 | 1.5 | 19.0 | 10 28 | 2 1.93 | -37 7.0 | 0.973 | 1.781 | 25.4 | 19.6 |
| 11 7 | 1 52.87 | + 9 12.3 | 1.522 | 2.492 | 6.1 | 19.4 | 11 7 | 1 52.70 | -37 17.9 | 1.007 | 1.771 | 27.3 | 19.7 |
| 11 17 | 1 45.44 | + 8 39.7 | 1.592 | 2.512 | 10.4 | 19.7 | 11 17 | 1 45.79 | -36 22.3 | 1.052 | 1.762 | 29.2 | 19.8 |
| 11 27 | 1 40.38 | + 8 21.0 | 1.685 | 2.531 | 14.1 | 20.0 | 11 27 | 1 42.32 | -34 31.1 | 1.103 | 1.754 | 30.9 | 20.0 |
| 424440 | 2008 <i>CR</i> ₂₃ | 10 26.3 | 250°59 | 3°1/28.4 | 18 | | 131370 | 2001 <i>KF</i> ₂₂ | 10 26.4 | 21°52 | 5°1/24.0 | 18 | |
| 9 18 | 2 33.45 | +21 5.4 | 1.631 | 2.425 | 17.8 | 21.3 | 9 18 | 2 33.83 | + 0 8.0 | 1.372 | 2.217 | 18.0 | 18.5 |
| 9 28 | 2 29.23 | +21 19.4 | 1.538 | 2.414 | 14.5 | 21.1 | 9 28 | 2 29.28 | + 0 6.1 | 1.315 | 2.225 | 14.1 | 18.3 |
| 10 8 | 2 22.06 | +21 16.7 | 1.465 | 2.402 | 10.6 | 20.8 | 10 8 | 2 21.83 | + 0 6.6 | 1.279 | 2.235 | 9.8 | 18.1 |
| 10 18 | 2 12.52 | +20 56.2 | 1.414 | 2.391 | 6.2 | 20.5 | 10 18 | 2 12.27 | + 0 14.4 | 1.265 | 2.245 | 6.0 | 17.9 |
| 10 28 | 2 1.68 | +20 19.2 | 1.390 | 2.379 | 3.1 | 20.3 | 10 28 | 2 1.86 | + 0 34.0 | 1.277 | 2.257 | 5.5 | 17.9 |
| 11 7 | 1 50.96 | +19 30.6 | 1.393 | 2.366 | 5.9 | 20.5 | 11 7 | 1 52.02 | + 1 8.5 | 1.315 | 2.269 | 8.9 | 18.2 |
| 11 17 | 1 41.72 | +18 37.9 | 1.423 | 2.354 | 10.4 | 20.7 | 11 17 | 1 43.96 | + 1 58.1 | 1.377 | 2.282 | 12.9 | 18.4 |
| 11 27 | 1 35.06 | +17 49.5 | 1.476 | 2.341 | 14.7 | 20.9 | 11 27 | 1 38.55 | + 3 2.1 | 1.462 | 2.297 | 16.5 | 18.7 |
| 230236 | 2001 <i>UR</i> ₇₃ | 10 26.4 | 3°25 | 2°0/25.3 | 18 | | 99847 | 2002 <i>NV</i> ₄₆ | 10 26.4 | 120°58 | 3°2/23.7 | 18 | |
| 9 18 | 2 31.64 | + 8 35.8 | 1.352 | 2.194 | 18.3 | 20.0 | 9 18 | 2 30.13 | + 5 50.3 | 1.951 | 2.776 | 14.2 | 20.0 |
| 9 28 | 2 27.88 | + 8 31.4 | 1.283 | 2.193 | 14.3 | 19.8 | 9 28 | 2 25.61 | + 5 5.5 | 1.882 | 2.784 | 10.9 | 19.8 |
| 10 8 | 2 21.10 | + 8 19.7 | 1.233 | 2.193 | 9.6 | 19.5 | 10 8 | 2 19.00 | + 4 15.6 | 1.837 | 2.793 | 7.4 | 19.6 |
| 10 18 | 2 12.01 | + 8 4.1 | 1.206 | 2.194 | 4.5 | 19.2 | 10 18 | 2 10.88 | + 3 25.3 | 1.817 | 2.801 | 4.1 | 19.4 |
| 10 28 | 2 1.82 | + 7 49.5 | 1.204 | 2.195 | 2.5 | 19.1 | 10 28 | 2 2.13 | + 2 40.3 | 1.826 | 2.809 | 3.7 | 19.4 |
| 11 7 | 1 52.01 | + 7 41.3 | 1.228 | 2.196 | 7.3 | 19.4 | 11 7 | 1 53.73 | + 2 5.8 | 1.864 | 2.817 | 6.8 | 19.6 |
| 11 17 | 1 43.92 | + 7 44.1 | 1.276 | 2.199 | 12.2 | 19.7 | 11 17 | 1 46.56 | + 1 45.4 | 1.928 | 2.824 | 10.3 | 19.8 |
| 11 27 | 1 38.54 | + 8 0.9 | 1.347 | 2.201 | 16.5 | 19.9 | 11 27 | 1 41.29 | + 1 41.3 | 2.016 | 2.831 | 13.4 | 20.1 |
| 2700 | Baikonur | 10 26.4 | 306°19 | 0°9/25.6 | 18 R | | 280817 | 2005 <i>UZ</i> ₂₃ | 10 26.4 | 255°83 | 0°7/26.9 | 18 | |
| 9 18 | 2 27.12 | +12 35.9 | 2.032 | 2.847 | 14.0 | 16.6 | 9 18 | 2 30.03 | +17 36.8 | 1.802 | 2.606 | 16.0 | 21.5 |
| 9 28 | 2 23.39 | +12 5.8 | 1.947 | 2.844 | 10.9 | 16.4 | 9 28 | 2 26.16 | +17 10.2 | 1.705 | 2.592 | 12.8 | 21.3 |
| 10 8 | 2 17.59 | +11 25.7 | 1.885 | 2.840 | 7.3 | 16.2 | 10 8 | 2 19.77 | +16 27.6 | 1.629 | 2.577 | 8.8 | 21.0 |
| 10 18 | 2 10.25 | +10 38.4 | 1.849 | 2.836 | 3.3 | 15.9 | 10 18 | 2 11.41 | +15 30.6 | 1.578 | 2.562 | 4.4 | 20.7 |
| 10 28 | 2 2.19 | + 9 48.5 | 1.840 | 2.832 | 1.3 | 15.8 | 10 28 | 2 2.01 | +14 23.2 | 1.554 | 2.547 | 0.9 | 20.4 |
| 11 7 | 1 54.33 | + 9 1.2 | 1.861 | 2.829 | 5.3 | 16.0 | 11 7 | 1 52.74 | +13 12.4 | 1.558 | 2.531 | 5.4 | 20.7 |
| 11 17 | 1 47.58 | + 8 21.8 | 1.908 | 2.826 | 9.1 | 16.3 | 11 17 | 1 44.72 | +12 5.6 | 1.590 | 2.515 | 10.0 | 21.0 |
| 11 27 | 1 42.64 | + 7 54.4 | 1.981 | 2.822 | 12.5 | 16.5 | 11 27 | 1 38.89 | | | | | |

EPHEMERIDES

10 26.4

10 26.4

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|---------------|-------|---------|------|---------------|-------------------------------|-----------------|--------------|-------|---------|------|
| 324330 | 2006 <i>OG</i> ₁ | 10 26.4 74°93 | 4.8/29.6 18 | | | | 15125 | 2000 <i>EZ</i> ₄₁ | 10 26.4 359°68 | 0.2/26.2 18 | | | |
| 9 18 | 2 33.68 | +25 4.7 | 1.385 | 2.177 | 20.5 | 21.1 | 9 18 | 2 25.54 | +13 57.4 | 1.872 | 2.693 | 14.8 | 18.4 |
| 9 28 | 2 29.61 | +25 21.2 | 1.319 | 2.189 | 16.8 | 20.9 | 9 28 | 2 22.37 | +13 39.6 | 1.793 | 2.691 | 11.6 | 18.2 |
| 10 8 | 2 22.31 | +25 14.9 | 1.271 | 2.201 | 12.5 | 20.7 | 10 8 | 2 17.02 | +13 11.0 | 1.735 | 2.690 | 7.8 | 18.0 |
| 10 18 | 2 12.59 | +24 43.9 | 1.244 | 2.213 | 8.0 | 20.5 | 10 18 | 2 10.06 | +12 33.8 | 1.702 | 2.689 | 3.6 | 17.7 |
| 10 28 | 2 1.80 | +23 50.4 | 1.242 | 2.225 | 4.8 | 20.3 | 10 28 | 2 2.33 | +11 52.1 | 1.697 | 2.690 | 0.8 | 17.5 |
| 11 7 | 1 51.56 | +22 41.6 | 1.266 | 2.238 | 6.6 | 20.5 | 11 7 | 1 54.85 | +11 11.4 | 1.719 | 2.690 | 5.2 | 17.9 |
| 11 17 | 1 43.26 | +21 27.3 | 1.315 | 2.250 | 10.7 | 20.7 | 11 17 | 1 48.54 | +10 36.9 | 1.767 | 2.692 | 9.2 | 18.1 |
| 11 27 | 1 37.90 | +20 18.1 | 1.387 | 2.262 | 14.8 | 21.0 | 11 27 | 1 44.14 | +10 13.1 | 1.840 | 2.694 | 12.8 | 18.3 |
| 77003 | 2001 <i>CT</i> ₄ | 10 26.4 324°22 | 0.1/26.4 18 R | | | | 517100 | 2013 <i>DS</i> ₁₃ | 10 26.4 204°29 | 0.4/25.9 18 | | | |
| 9 18 | 2 31.01 | +13 44.3 | 1.307 | 2.142 | 19.2 | 19.2 | 9 18 | 2 27.97 | +14 28.4 | 2.376 | 3.176 | 12.7 | 22.7 |
| 9 28 | 2 27.74 | +13 45.1 | 1.229 | 2.134 | 15.2 | 18.9 | 9 28 | 2 23.76 | +13 48.6 | 2.285 | 3.172 | 9.9 | 22.5 |
| 10 8 | 2 21.27 | +13 32.7 | 1.169 | 2.126 | 10.4 | 18.6 | 10 8 | 2 17.71 | +12 58.2 | 2.218 | 3.168 | 6.7 | 22.3 |
| 10 18 | 2 12.23 | +13 8.9 | 1.132 | 2.119 | 4.9 | 18.3 | 10 18 | 2 10.32 | +11 59.6 | 2.177 | 3.163 | 3.1 | 22.1 |
| 10 28 | 2 1.85 | +12 37.7 | 1.119 | 2.112 | 0.9 | 18.0 | 10 28 | 2 2.30 | +10 57.0 | 2.166 | 3.158 | 0.9 | 21.9 |
| 11 7 | 1 51.72 | +12 5.9 | 1.132 | 2.106 | 6.8 | 18.4 | 11 7 | 1 54.46 | +9 55.6 | 2.184 | 3.153 | 4.6 | 22.2 |
| 11 17 | 1 43.32 | +11 40.5 | 1.169 | 2.100 | 12.2 | 18.7 | 11 17 | 1 47.58 | +9 0.5 | 2.232 | 3.147 | 8.1 | 22.4 |
| 11 27 | 1 37.80 | +11 27.6 | 1.228 | 2.095 | 16.9 | 18.9 | 11 27 | 1 42.30 | +8 16.2 | 2.306 | 3.141 | 11.2 | 22.6 |
| 412510 | 2014 <i>LN</i> ₁₁ | 10 26.4 321°52 | 2.5/24.4 18 | | | | 317104 | 2001 <i>TD</i> ₁₄₅ | 10 26.4 359°61 | 3.1/24.9 18 | | | |
| 9 18 | 2 27.75 | +8 34.6 | 1.744 | 2.576 | 15.3 | 21.3 | 9 18 | 2 25.97 | +8 28.6 | 0.897 | 1.776 | 22.3 | 20.3 |
| 9 28 | 2 24.22 | +7 56.0 | 1.664 | 2.570 | 11.9 | 21.1 | 9 28 | 2 24.68 | +8 12.4 | 0.841 | 1.772 | 17.4 | 20.0 |
| 10 8 | 2 18.34 | +7 9.0 | 1.605 | 2.564 | 7.9 | 20.8 | 10 8 | 2 19.62 | +7 45.2 | 0.800 | 1.769 | 11.7 | 19.7 |
| 10 18 | 2 10.68 | +6 17.9 | 1.572 | 2.558 | 3.9 | 20.6 | 10 18 | 2 11.56 | +7 12.8 | 0.778 | 1.768 | 5.7 | 19.3 |
| 10 28 | 2 2.17 | +5 28.7 | 1.565 | 2.553 | 3.0 | 20.5 | 10 28 | 2 2.06 | +6 43.5 | 0.778 | 1.769 | 3.7 | 19.2 |
| 11 7 | 1 53.90 | +4 47.7 | 1.586 | 2.548 | 6.8 | 20.7 | 11 7 | 1 53.08 | +6 26.2 | 0.799 | 1.771 | 9.3 | 19.6 |
| 11 17 | 1 46.89 | +4 19.9 | 1.633 | 2.543 | 10.9 | 21.0 | 11 17 | 1 46.34 | +6 27.2 | 0.841 | 1.775 | 15.2 | 19.9 |
| 11 27 | 1 41.95 | +4 8.9 | 1.703 | 2.538 | 14.5 | 21.2 | 11 27 | 1 43.00 | +6 49.8 | 0.900 | 1.781 | 20.3 | 20.2 |
| 105284 | 2000 <i>QJ</i> ₄₀ | 10 26.4 6°33 | 6.5/20.9 18 | | | | 509368 | 2007 <i>BY</i> ₂₂ | 10 26.4 4°99 | 3.3/24.5 18 | | | |
| 9 18 | 2 24.70 | +0 4.0 | 1.619 | 2.471 | 15.3 | 19.0 | 9 18 | 2 24.13 | +8 36.6 | 0.988 | 1.863 | 21.0 | 20.4 |
| 9 28 | 2 21.86 | +1 19.1 | 1.558 | 2.471 | 12.1 | 18.8 | 9 28 | 2 22.84 | +8 4.1 | 0.933 | 1.862 | 16.3 | 20.1 |
| 10 8 | 2 16.72 | +2 44.2 | 1.518 | 2.472 | 8.8 | 18.6 | 10 8 | 2 18.12 | +7 20.0 | 0.894 | 1.862 | 11.0 | 19.8 |
| 10 18 | 2 9.89 | +4 3.2 | 1.503 | 2.474 | 6.6 | 18.5 | 10 18 | 2 10.77 | +6 31.0 | 0.876 | 1.865 | 5.4 | 19.5 |
| 10 28 | 2 2.34 | +5 7.2 | 1.514 | 2.477 | 7.2 | 18.5 | 10 28 | 2 2.23 | +5 46.1 | 0.880 | 1.869 | 4.0 | 19.4 |
| 11 7 | 1 55.14 | +5 49.6 | 1.550 | 2.480 | 10.0 | 18.7 | 11 7 | 1 54.21 | +5 14.7 | 0.906 | 1.875 | 9.1 | 19.8 |
| 11 17 | 1 49.25 | +6 6.8 | 1.610 | 2.484 | 13.3 | 18.9 | 11 17 | 1 48.21 | +5 3.2 | 0.953 | 1.882 | 14.5 | 20.1 |
| 11 27 | 1 45.41 | +5 58.5 | 1.690 | 2.488 | 16.3 | 19.1 | 11 27 | 1 45.26 | +5 14.6 | 1.019 | 1.892 | 19.1 | 20.4 |
| 15168 | Marijnfrax | 10 26.4 100°74 | 1.9/27.9 18 | | | | 172182 | 2002 <i>PK</i> ₇₄ | 10 26.4 74°72 | 2.0/24.5 18 | | | |
| 9 18 | 2 30.71 | +19 4.3 | 1.986 | 2.777 | 15.2 | 18.3 | 9 18 | 2 27.35 | +11 59.8 | 1.773 | 2.598 | 15.4 | 19.9 |
| 9 28 | 2 26.30 | +19 8.7 | 1.905 | 2.782 | 12.1 | 18.2 | 9 28 | 2 23.70 | +10 49.2 | 1.706 | 2.608 | 11.8 | 19.7 |
| 10 8 | 2 19.62 | +19 0.0 | 1.846 | 2.786 | 8.5 | 17.9 | 10 8 | 2 17.84 | +9 26.3 | 1.661 | 2.619 | 7.8 | 19.4 |
| 10 18 | 2 11.24 | +18 38.7 | 1.811 | 2.790 | 4.7 | 17.7 | 10 18 | 2 10.40 | +7 56.7 | 1.642 | 2.629 | 3.6 | 19.2 |
| 10 28 | 2 2.08 | +18 7.0 | 1.804 | 2.794 | 1.9 | 17.5 | 10 28 | 2 2.33 | +6 27.8 | 1.651 | 2.640 | 2.6 | 19.2 |
| 11 7 | 1 53.19 | +17 29.5 | 1.825 | 2.799 | 4.7 | 17.7 | 11 7 | 1 54.65 | +5 7.6 | 1.688 | 2.650 | 6.4 | 19.4 |
| 11 17 | 1 45.53 | +16 51.3 | 1.875 | 2.803 | 8.5 | 18.0 | 11 17 | 1 48.28 | +4 2.7 | 1.752 | 2.661 | 10.4 | 19.7 |
| 11 27 | 1 39.88 | +16 18.1 | 1.950 | 2.807 | 12.0 | 18.2 | 11 27 | 1 43.91 | +3 17.2 | 1.840 | 2.672 | 13.8 | 19.9 |
| 139210 | 2001 <i>GJ</i> | 10 26.4 180°96 | 1.0/25.6 18 | | | | 353324 | 2010 <i>LR</i> ₃₄ | 10 26.4 311°42 | 11.7/18.2 18 | | | |
| 9 18 | 2 32.12 | +13 13.9 | 1.932 | 2.740 | 14.9 | 21.5 | 9 18 | 2 34.96 | +18 36.2 | 1.813 | 2.619 | 15.9 | 20.2 |
| 9 28 | 2 27.35 | +12 32.2 | 1.850 | 2.741 | 11.7 | 21.2 | 9 28 | 2 29.61 | +19 39.2 | 1.758 | 2.616 | 13.9 | 20.1 |
| 10 8 | 2 20.30 | +11 38.8 | 1.789 | 2.742 | 7.8 | 21.0 | 10 8 | 2 21.81 | +20 26.9 | 1.724 | 2.613 | 12.3 | 20.0 |
| 10 18 | 2 11.55 | +10 36.8 | 1.755 | 2.742 | 3.6 | 20.8 | 10 18 | 2 12.24 | +20 51.0 | 1.712 | 2.611 | 11.7 | 20.0 |
| 10 28 | 2 2.03 | +9 31.5 | 1.749 | 2.741 | 1.5 | 20.6 | 10 28 | 2 1.97 | +20 44.8 | 1.724 | 2.608 | 12.3 | 20.0 |
| 11 7 | 1 52.80 | +8 29.5 | 1.773 | 2.740 | 5.6 | 20.9 | 11 7 | 1 52.17 | +20 5.9 | 1.760 | 2.606 | 13.8 | 20.1 |
| 11 17 | 1 44.83 | +7 36.8 | 1.825 | 2.738 | 9.7 | 21.1 | 11 17 | 1 43.87 | +18 56.0 | 1.818 | 2.604 | 15.8 | 20.2 |
| 11 27 | 1 38.89 | +6 58.2 | 1.901 | 2.735 | 13.3 | 21.4 | 11 27 | 1 37.81 | +17 19.9 | 1.895 | 2.602 | 17.8 | 20.4 |
| 408029 | 2012 <i>FY</i> ₃₂ | 10 26.4 129°87 | 0.9/27.2 18 | | | | 290608 | 2005 <i>UJ</i> ₂₀₅ | 10 26.4 215°42 | 1.1/25.3 18 | | | |
| 9 18 | 2 29.37 | +16 16.7 | 2.467 | 3.256 | 12.6 | 20.9 | 9 18 | 2 28.17 | +10 53.2 | 2.479 | 3.285 | 12.1 | 21.8 |
| 9 28 | 2 24.77 | +16 19.8 | 2.382 | 3.259 | 10.0 | 20.7 | 9 28 | 2 23.83 | +10 27.7 | 2.389 | 3.280 | 9.4 | 21.6 |
| 10 8 | 2 18.35 | +16 13.8 | 2.319 | 3.263 | 6.9 | 20.5 | 10 8 | 2 17.73 | +9 55.2 | 2.322 | 3.275 | 6.3 | 21.4 |
| 10 18 | 2 10.59 | +15 59.8 | 2.284 | 3.266 | 3.5 | 20.3 | 10 18 | 2 10.34 | +9 18.0 | 2.283 | 3.269 | 2.9 | 21.2 |
| 10 28 | 2 2.22 | +15 39.6 | 2.277 | 3.270 | 1.0 | 20.1 | 10 28 | 2 2.33 | +8 39.6 | 2.272 | 3.263 | 1.5 | 21.0 |
| 11 7 | 1 54.04 | +15 16.5 | 2.301 | 3.273 | 4.0 | 20.3 | 11 7 | 1 54.48 | +8 4.3 | 2.292 | 3.257 | 4.7 | 21.3 |
| 11 17 | 1 46.82 | +14 54.2 | 2.353 | 3.276 | 7.3 | 20.6 | 11 17 | 1 47.52 | +7 35.6 | 2.340 | 3.251 | 8.0 | 21.5 |
| 11 27 | 1 41.19 | +14 36.4 | 2.432 | 3.279 | 10.3 | 20.8 | 11 27 | 1 42.09 | +7 17.0 | 2.415 | 3.244 | 11.0 | 21.7 |
| 441264 | 2007 <i>VP</i> ₃₁₄ | 10 26.4 340°01 | 4.6/23.3 18 | | | | 289349 | 2005 <i>BP</i> ₁₅ | 10 26.4 345°09 | 7.5/21.0 18 | | | |
| 9 18 | 2 28.18 | +3 26.2 | 1.533 | 2.379 | 16.3 | 20.7 | 9 18 | 2 25.25 | +0 33.5 | 1.337 | 2.199 | 17.3 | 20.0 |
| 9 28 | 2 24.85 | +2 47.3 | 1.459 | 2.372 | 12.8 | 20.4 | 9 28 | 2 22.89 | +1 52.1 | 1.271 | 2.190 | 13.8 | 19.7 |
| 10 8 | 2 18.92 | +2 4.5 | 1.406 | 2.365 | 8.8 | 20.2 | 10 8 | 2 17.77 | +3 13.0 | 1.226 | 2.182 | 10.1 | 19.5 |
| 10 18 | 2 11.01 | +1 23.5 | 1.376 | 2.359 | 5.3 | 20.0 | 10 18 | 2 10.53 | +4 26.7 | 1.203 | 2.176 | 7.7 | 19.3 |
| 10 28 | 2 2.13 | +0 51.4 | 1.373 | 2.353 | 5.2 | 20.0 | 10 28 | 2 2.29 | +5 22.8 | 1.205 | 2.170 | 8.4 | 19.4 |
| 11 7 | 1 53.54 | +0 34.1 | 1.395 | 2.348 | 8.6 | 20.2 | 11 7 | 1 54.39 | +5 53.2 | 1.230 | 2.165 | 11.6 | 19.5 |
| 11 17 | 1 46.37 | +0 35.4 | 1.442 | 2.343 | 12.7 | 20.4 | 11 17 | 1 48.03 | +5 54.4 | 1.277 | 2.161 | 15.3 | 19.7 |
| 11 27 | 1 41.50 | +0 56.8 | 1.510 | 2.340 | 16.3 | 20.6 | 11 27 | 1 44.13 | +5 26.5 | 1.344 | 2.158 | 18.8 | 20.0 |
| 11150 | Bragg | 10 26.4 291°04 | 1.1/25.7 18 | | | | 442873 | 2013 <i>BE</i> ₁₅ | 10 26.4 320°78 | 4.9/30.2 16 | | | |
| 9 18 | 2 30.32 | +11 47.8 | 1.589 | 2.416 | 16.7 | 18.2 | 9 18 | 2 29.82 | +26 25.1 | 1.786 | 2.558 | 17.3 | 21.0 |
| 9 28 | 2 26.71 | +11 30.9 | 1.498 | 2.400 | 13.2 | 17.9 | 9 28 | 2 26.17 | +26 45.1 | 1.698 | 2.553 | 14.4 | 20.8 |
| 10 8 | 2 20.33 | +11 3.0 | 1.426 | 2.383 | 8.9 | 17.7 | 10 8 | 2 19.88 | +26 46.0 | 1.629 | 2.549 | 11.0 | 20.6 |
| 10 18 | 2 11.75 | +10 26.7 | 1.379 | 2.367 | 4.1 | 17.3 | 10 18 | 2 11.52 | +26 25.8 | 1.583 | 2.544 | 7.4 | 20.4 |
| 10 28 | 2 1.97 | +9 46.7 | 1.358 | 2.351 | 1.6 | 17.1 | 10 28 | 2 2.10 | +25 45.1 | 1.562 | 2.540 | 5.0 | 20.2 |
| 11 7 | 1 52.30 | +9 9.4 | 1.365 | 2.334 | 6.5 | 17.4 | 11 7 | 1 52.88 | +24 48.5 | 1.568 | 2.536 | 6.1 | 20.3 |
| 11 17 | 1 43.99 | +8 40.9 | 1.397 | 2.318 | 11.4 | 17.7 | 11 17 | 1 45.05 | +23 43.0 | 1.601 | 2.533 | 9.4 | 20.5 |
| 11 27 | 1 38.08 | +8 26.5 | 1.451 | 2.302 | 15.7 | 17.9 | 11 27 | 1 39.56 | +22 37.6 | 1.658 | 2.529 | 13.0 | 20.7 |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|-------------------------------|-----------------|----------|-----------|---------|------|
| 487294 | 2014 <i>QV</i> ₄₁ | 10 26.4 | 85°64 | 2°5/28.9 | 18 | | 404571 | 2013 <i>JQ</i> ₅₉ | 10 26.4 | 88°01 | 1°9/24.7 | 18 | |
| 9 18 | 2 27.53 | +23 16.8 | 2.237 | 3.010 | 14.2 | 21.4 | 9 18 | 2 28.30 | +8 42.6 | 2.207 | 3.024 | 13.0 | 20.9 |
| 9 28 | 2 23.59 | +23 1.8 | 2.155 | 3.017 | 11.5 | 21.3 | 9 28 | 2 24.02 | +8 13.2 | 2.135 | 3.033 | 10.0 | 20.7 |
| 10 8 | 2 17.67 | +22 31.3 | 2.095 | 3.025 | 8.3 | 21.1 | 10 8 | 2 17.88 | +7 37.8 | 2.087 | 3.042 | 6.7 | 20.5 |
| 10 18 | 2 10.33 | +21 45.8 | 2.060 | 3.032 | 5.0 | 20.9 | 10 18 | 2 10.41 | +6 59.7 | 2.065 | 3.051 | 3.2 | 20.3 |
| 10 28 | 2 2.35 | +20 48.1 | 2.052 | 3.040 | 2.6 | 20.8 | 10 28 | 2 2.38 | +6 23.1 | 2.071 | 3.060 | 2.3 | 20.3 |
| 11 7 | 1 54.66 | +19 43.1 | 2.074 | 3.047 | 4.3 | 20.9 | 11 7 | 1 54.63 | +5 52.3 | 2.107 | 3.069 | 5.4 | 20.5 |
| 11 17 | 1 48.07 | +18 36.9 | 2.125 | 3.054 | 7.6 | 21.1 | 11 17 | 1 47.95 | +5 30.9 | 2.171 | 3.077 | 8.7 | 20.7 |
| 11 27 | 1 43.24 | +17 35.5 | 2.202 | 3.062 | 10.7 | 21.3 | 11 27 | 1 42.93 | +5 21.6 | 2.259 | 3.086 | 11.7 | 20.9 |
| 226778 | 2004 <i>RL</i> ₁₄₂ | 10 26.4 | 308°00 | 3°3/29.0 | 18 | | 266861 | 2009 <i>UO</i> ₁₁₂ | 10 26.4 | 8°10 | 6°3/20.8 | 18 | |
| 9 18 | 2 29.93 | +22 21.9 | 2.100 | 2.877 | 14.9 | 20.5 | 9 18 | 2 25.81 | -2 47.9 | 1.948 | 2.788 | 13.6 | 19.9 |
| 9 28 | 2 25.80 | +22 44.4 | 2.007 | 2.870 | 12.2 | 20.3 | 9 28 | 2 22.34 | -3 55.0 | 1.885 | 2.789 | 10.8 | 19.7 |
| 10 8 | 2 19.40 | +22 53.4 | 1.934 | 2.863 | 9.0 | 20.1 | 10 8 | 2 16.88 | -5 0.9 | 1.844 | 2.790 | 8.1 | 19.5 |
| 10 18 | 2 11.24 | +22 48.0 | 1.886 | 2.856 | 5.6 | 19.9 | 10 18 | 2 9.98 | -5 58.9 | 1.828 | 2.791 | 6.4 | 19.4 |
| 10 28 | 2 2.16 | +22 28.8 | 1.865 | 2.849 | 3.3 | 19.8 | 10 28 | 2 2.46 | -6 42.5 | 1.839 | 2.794 | 7.0 | 19.5 |
| 11 7 | 1 53.20 | +21 59.1 | 1.872 | 2.843 | 5.0 | 19.8 | 11 7 | 1 55.24 | -7 6.9 | 1.876 | 2.796 | 9.2 | 19.6 |
| 11 17 | 1 45.37 | +21 23.8 | 1.907 | 2.836 | 8.3 | 20.0 | 11 17 | 1 49.14 | -7 9.6 | 1.938 | 2.799 | 12.0 | 19.8 |
| 11 27 | 1 39.48 | +20 48.9 | 1.968 | 2.830 | 11.7 | 20.2 | 11 27 | 1 44.81 | -6 50.9 | 2.022 | 2.802 | 14.6 | 20.0 |
| 300509 | 2007 <i>TG</i> ₁₇₈ | 10 26.4 | 84°69 | 2°7/28.3 | 18 | | 317577 | 2002 <i>VX</i> ₁₄₃ | 10 26.4 | 288°41 | 2°9/24.5 | 18 | |
| 9 18 | 2 36.54 | +19 33.4 | 1.864 | 2.647 | 16.3 | 20.2 | 9 18 | 2 32.52 | +5 10.3 | 1.894 | 2.717 | 14.6 | 20.9 |
| 9 28 | 2 30.89 | +20 5.2 | 1.796 | 2.666 | 13.1 | 20.1 | 9 28 | 2 27.90 | +5 1.6 | 1.802 | 2.701 | 11.5 | 20.6 |
| 10 8 | 2 22.71 | +20 24.2 | 1.749 | 2.684 | 9.3 | 19.9 | 10 8 | 2 20.88 | +4 49.9 | 1.731 | 2.686 | 7.8 | 20.4 |
| 10 18 | 2 12.70 | +20 29.5 | 1.727 | 2.703 | 5.4 | 19.7 | 10 18 | 2 11.97 | +4 38.3 | 1.685 | 2.670 | 4.1 | 20.1 |
| 10 28 | 2 1.90 | +20 22.2 | 1.733 | 2.721 | 2.7 | 19.6 | 10 28 | 2 2.06 | +4 30.9 | 1.668 | 2.654 | 3.3 | 20.1 |
| 11 7 | 1 51.52 | +20 5.7 | 1.768 | 2.739 | 5.1 | 19.8 | 11 7 | 1 52.26 | +4 31.7 | 1.679 | 2.639 | 6.7 | 20.2 |
| 11 17 | 1 42.62 | +19 45.2 | 1.830 | 2.757 | 8.8 | 20.0 | 11 17 | 1 43.62 | +4 43.6 | 1.718 | 2.623 | 10.7 | 20.4 |
| 11 27 | 1 36.03 | +19 26.1 | 1.918 | 2.774 | 12.2 | 20.3 | 11 27 | 1 37.04 | +5 8.7 | 1.780 | 2.608 | 14.3 | 20.6 |
| 392890 | 2012 <i>VY</i> ₃₁ | 10 26.4 | 314°18 | 2°2/28.1 | 18 | | 75689 | 2000 <i>AD</i> ₁₀₃ | 10 26.4 | 230°33 | 0°4/26.8 | 18 | |
| 9 18 | 2 28.56 | +20 44.3 | 1.671 | 2.473 | 17.1 | 20.5 | 9 18 | 2 31.00 | +17 22.7 | 1.817 | 2.619 | 16.0 | 19.3 |
| 9 28 | 2 25.19 | +20 33.5 | 1.585 | 2.467 | 13.8 | 20.3 | 9 28 | 2 26.86 | +16 47.1 | 1.723 | 2.609 | 12.7 | 19.0 |
| 10 8 | 2 19.20 | +20 4.6 | 1.520 | 2.462 | 9.9 | 20.0 | 10 8 | 2 20.23 | +15 55.2 | 1.651 | 2.599 | 8.7 | 18.8 |
| 10 18 | 2 11.19 | +19 18.2 | 1.477 | 2.457 | 5.5 | 19.7 | 10 18 | 2 11.66 | +14 49.1 | 1.603 | 2.588 | 4.2 | 18.5 |
| 10 28 | 2 2.18 | +18 17.8 | 1.461 | 2.452 | 2.2 | 19.5 | 10 28 | 2 2.13 | +13 33.5 | 1.584 | 2.577 | 0.7 | 18.2 |
| 11 7 | 1 53.41 | +17 9.8 | 1.472 | 2.447 | 5.4 | 19.7 | 11 7 | 1 52.77 | +12 15.7 | 1.593 | 2.565 | 5.4 | 18.5 |
| 11 17 | 1 46.04 | +16 2.2 | 1.510 | 2.443 | 9.8 | 20.0 | 11 17 | 1 44.71 | +11 3.5 | 1.630 | 2.553 | 10.0 | 18.7 |
| 11 27 | 1 40.98 | +15 3.1 | 1.572 | 2.438 | 13.9 | 20.2 | 11 27 | 1 38.82 | +10 3.9 | 1.691 | 2.540 | 14.0 | 19.0 |
| 103660 | 2000 <i>CJ</i> ₄₆ | 10 26.4 | 171°25 | 0°7/25.8 | 17 | | 107919 | 2001 <i>FJ</i> ₁₀₂ | 10 26.4 | 179°91 | 1°8/28.3 | 18 | |
| 9 18 | 2 32.26 | +13 17.7 | 1.879 | 2.687 | 15.3 | 20.7 | 9 18 | 2 27.52 | +20 52.5 | 2.569 | 3.342 | 12.6 | 20.0 |
| 9 28 | 2 27.54 | +12 46.7 | 1.799 | 2.690 | 11.9 | 20.4 | 9 28 | 2 23.35 | +20 40.4 | 2.478 | 3.343 | 10.1 | 19.8 |
| 10 8 | 2 20.48 | +12 4.3 | 1.741 | 2.693 | 8.0 | 20.2 | 10 8 | 2 17.42 | +20 15.9 | 2.409 | 3.343 | 7.2 | 19.7 |
| 10 18 | 2 11.69 | +11 13.5 | 1.708 | 2.695 | 3.7 | 20.0 | 10 18 | 2 10.22 | +19 39.9 | 2.367 | 3.343 | 4.0 | 19.5 |
| 10 28 | 2 2.11 | +10 19.2 | 1.704 | 2.697 | 1.2 | 19.8 | 10 28 | 2 2.42 | +18 54.6 | 2.354 | 3.343 | 1.8 | 19.3 |
| 11 7 | 1 52.83 | +9 27.2 | 1.729 | 2.698 | 5.6 | 20.1 | 11 7 | 1 54.80 | +18 4.0 | 2.370 | 3.343 | 3.9 | 19.5 |
| 11 17 | 1 44.85 | +8 43.5 | 1.782 | 2.698 | 9.7 | 20.3 | 11 17 | 1 48.10 | +17 12.7 | 2.416 | 3.343 | 7.0 | 19.7 |
| 11 27 | 1 38.96 | +8 12.6 | 1.859 | 2.698 | 13.3 | 20.6 | 11 27 | 1 42.93 | +16 25.6 | 2.489 | 3.342 | 9.9 | 19.8 |
| 294132 | 2007 <i>TQ</i> ₂₇₄ | 10 26.4 | 33°79 | 2°0/29.2 | 18 | | 209332 | 2004 <i>BW</i> ₁₃₁ | 10 26.4 | 56°77 | 1°2/25.4 | 18 | |
| 9 18 | 2 23.03 | +22 34.0 | 3.723 | 4.479 | 9.3 | 20.5 | 9 18 | 2 28.59 | +12 4.5 | 1.781 | 2.603 | 15.4 | 21.1 |
| 9 28 | 2 19.32 | +22 41.8 | 3.638 | 4.489 | 7.5 | 20.4 | 9 28 | 2 24.75 | +11 30.0 | 1.710 | 2.609 | 12.0 | 20.9 |
| 10 8 | 2 14.45 | +22 41.2 | 3.577 | 4.499 | 5.5 | 20.3 | 10 8 | 2 18.63 | +10 45.0 | 1.660 | 2.616 | 8.0 | 20.7 |
| 10 18 | 2 8.75 | +22 32.4 | 3.542 | 4.510 | 3.4 | 20.1 | 10 18 | 2 10.84 | +9 53.0 | 1.635 | 2.622 | 3.6 | 20.4 |
| 10 28 | 2 2.68 | +22 16.3 | 3.537 | 4.520 | 2.0 | 20.1 | 10 28 | 2 2.32 | +8 59.3 | 1.637 | 2.629 | 1.7 | 20.3 |
| 11 7 | 1 56.74 | +21 55.0 | 3.562 | 4.531 | 2.9 | 20.1 | 11 7 | 1 54.15 | +8 10.3 | 1.668 | 2.636 | 5.8 | 20.6 |
| 11 17 | 1 51.40 | +21 31.0 | 3.616 | 4.542 | 4.9 | 20.3 | 11 17 | 1 47.28 | +7 31.5 | 1.725 | 2.643 | 9.9 | 20.8 |
| 11 27 | 1 47.07 | +21 6.9 | 3.699 | 4.553 | 6.9 | 20.4 | 11 27 | 1 42.46 | +7 6.8 | 1.807 | 2.650 | 13.5 | 21.1 |
| 483985 | 2006 <i>BA</i> ₂₈₄ | 10 26.4 | 359°98 | 5°0/21.9 | 18 | | 289862 | 2005 <i>MB</i> ₁₂ | 10 26.4 | 110°16 | 4°1/29.5 | 17 | |
| 9 18 | 2 26.12 | +0 52.0 | 1.987 | 2.823 | 13.5 | 20.9 | 9 18 | 2 33.51 | +24 41.7 | 1.631 | 2.411 | 18.4 | 20.9 |
| 9 28 | 2 22.57 | -0 5.5 | 1.916 | 2.822 | 10.6 | 20.7 | 9 28 | 2 29.06 | +24 49.7 | 1.557 | 2.421 | 15.1 | 20.7 |
| 10 8 | 2 17.03 | -1 4.6 | 1.869 | 2.822 | 7.5 | 20.6 | 10 8 | 2 21.79 | +24 37.5 | 1.503 | 2.430 | 11.1 | 20.5 |
| 10 18 | 2 10.06 | -1 59.7 | 1.848 | 2.822 | 5.2 | 20.4 | 10 18 | 2 12.38 | +24 3.9 | 1.470 | 2.439 | 7.0 | 20.3 |
| 10 28 | 2 2.44 | -2 44.5 | 1.853 | 2.822 | 5.6 | 20.4 | 10 28 | 2 2.03 | +23 11.2 | 1.464 | 2.449 | 4.1 | 20.1 |
| 11 7 | 1 55.08 | -3 13.9 | 1.886 | 2.822 | 8.1 | 20.6 | 11 7 | 1 52.09 | +22 5.4 | 1.486 | 2.457 | 5.9 | 20.3 |
| 11 17 | 1 48.83 | -3 25.0 | 1.945 | 2.823 | 11.1 | 20.8 | 11 17 | 1 43.81 | +20 54.9 | 1.534 | 2.466 | 9.7 | 20.5 |
| 11 27 | 1 44.33 | -3 16.7 | 2.026 | 2.824 | 13.9 | 21.0 | 11 27 | 1 38.08 | +19 48.8 | 1.607 | 2.474 | 13.5 | 20.8 |
| 258758 | 2002 <i>HE</i> ₁₅ | 10 26.4 | 182°19 | 0°7/25.7 | 18 | | 47516 | 2000 <i>AQ</i> ₆₉ | 10 26.4 | 223°01 | 6°8/20.7 | 18 | |
| 9 18 | 2 28.19 | +11 57.3 | 2.727 | 3.525 | 11.3 | 21.8 | 9 18 | 2 31.13 | -5 32.1 | 2.101 | 2.924 | 13.3 | 18.4 |
| 9 28 | 2 23.65 | +11 34.6 | 2.639 | 3.526 | 8.8 | 21.6 | 9 28 | 2 26.39 | -6 30.2 | 2.026 | 2.918 | 10.8 | 18.2 |
| 10 8 | 2 17.52 | +11 4.9 | 2.575 | 3.526 | 5.9 | 21.5 | 10 8 | 2 19.59 | -7 25.2 | 1.974 | 2.911 | 8.3 | 18.1 |
| 10 18 | 2 10.23 | +10 30.5 | 2.539 | 3.526 | 2.7 | 21.2 | 10 18 | 2 11.27 | -8 11.0 | 1.948 | 2.903 | 6.8 | 18.0 |
| 10 28 | 2 2.41 | +9 54.2 | 2.533 | 3.525 | 1.0 | 21.1 | 10 28 | 2 2.25 | -8 41.2 | 1.950 | 2.896 | 7.3 | 18.0 |
| 11 7 | 1 54.76 | +9 19.8 | 2.557 | 3.524 | 4.2 | 21.3 | 11 7 | 1 53.47 | -8 51.8 | 1.979 | 2.888 | 9.5 | 18.1 |
| 11 17 | 1 47.94 | +8 50.7 | 2.611 | 3.523 | 7.2 | 21.5 | 11 17 | 1 45.80 | -8 40.8 | 2.033 | 2.879 | 12.1 | 18.3 |
| 11 27 | 1 42.52 | +8 29.8 | 2.691 | 3.521 | 10.0 | 21.7 | 11 27 | 1 39.95 | -8 8.8 | 2.110 | 2.871 | 14.7 | 18.4 |
| 75705 | 2000 <i>AP</i> ₁₁₆ | 10 26.4 | 299°34 | 8°2/19.3 | 18 | | 241782 | 2001 <i>OG</i> ₃₁ | 10 26.4 | 17°25 | 11°2/20.7 | 18 | |
| 9 18 | 2 27.34 | -5 9.3 | 1.724 | 2.566 | 15.0 | 19.4 | 9 18 | 2 27.09 | -9 21.0 | 1.122 | 1.989 | 19.6 | 18.3 |
| 9 28 | 2 23.94 | -6 37.6 | 1.651 | 2.554 | 12.2 | 19.2 | 9 28 | 2 24.41 | -10 28.6 | 1.089 | 2.001 | 16.1 | 18.2 |
| 10 8 | 2 18.21 | -8 4.4 | 1.600 | 2.541 | 9.6 | 19.0 | 10 8 | 2 18.69 | -11 23.3 | 1.074 | 2.016 | 13.0 | 18.0 |
| 10 18 | 2 10.69 | -9 21.2 | 1.574 | 2.529 | 8.2 | 18.9 | 10 18 | 2 10.88 | -11 54.5 | 1.080 | 2.033 | 11.3 | 18.0 |
| 10 28 | 2 2.31 | -10 18.8 | 1.574 | 2.517 | 9.1 | 18.9 | 10 28 | 2 2.36 | -11 54.2 | 1.107 | 2.051 | 11.8 | 18.1 |
| 11 7 | 1 54.16 | -10 50.8 | 1.599 | 2.504 | 11.5 | 19.0 | 11 7 | 1 54.60 | -11 19.7 | 1.156 | 2.071 | 14.1 | 18.3 |
| 11 17 | 1 47.25 | -10 54.2 | 1.646 | 2.493 | 14.5 | 19.2 | 11 17 | 1 48.77 | -10 13.8 | 1.225 | 2.093 | 17.1 | 18.5 |
| 11 27 | 1 42.41 | -10 29.7 | 1.714 | 2.481 | 17.3 | 19.4 | 11 27 | 1 45.62 | -8 42.0 | 1.313 | 2.116 | | |

EPHEMERIDES

10 26.4

10 26.4

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|--------|------------------------|-----------------------------|----------|-------|---------|------|-------|-----------------|------------------------|------------------------------|-------|---------|------|
| 146314 | 2001 KO ₅₄ | 10 26.4 131°19' 2°9/24.2 17 | | | | | | 320440 | 2007 VX ₁₅₀ | 10 26.4 187°69' 3°5/24.2 18 | | | |
| 9 18 | 2 34.01 | + 7 13.6 | 1.859 | 2.677 | 15.0 | 20.9 | 9 18 | 2 35.18 | + 5 43.1 | 1.593 | 2.421 | 16.7 | 21.3 |
| 9 28 | 2 28.70 | + 6 28.6 | 1.794 | 2.692 | 11.6 | 20.7 | 9 28 | 2 30.23 | + 5 12.3 | 1.518 | 2.420 | 13.0 | 21.1 |
| 10 8 | 2 21.13 | + 5 37.3 | 1.752 | 2.706 | 7.8 | 20.5 | 10 8 | 2 22.53 | + 4 36.1 | 1.464 | 2.420 | 8.8 | 20.8 |
| 10 18 | 2 11.95 | + 4 44.3 | 1.735 | 2.720 | 4.0 | 20.3 | 10 18 | 2 12.76 | + 3 59.0 | 1.435 | 2.419 | 4.8 | 20.6 |
| 10 28 | 2 2.14 | + 3 55.5 | 1.748 | 2.733 | 3.4 | 20.3 | 10 28 | 2 2.02 | + 3 27.2 | 1.433 | 2.418 | 4.0 | 20.6 |
| 11 7 | 1 52.77 | + 3 16.6 | 1.789 | 2.745 | 6.7 | 20.6 | 11 7 | 1 51.61 | + 3 6.6 | 1.458 | 2.416 | 7.8 | 20.8 |
| 11 17 | 1 44.78 | + 2 51.6 | 1.858 | 2.757 | 10.4 | 20.8 | 11 17 | 1 42.74 | + 3 1.2 | 1.510 | 2.414 | 12.1 | 21.0 |
| 11 27 | 1 38.88 | + 2 42.9 | 1.950 | 2.768 | 13.7 | 21.0 | 11 27 | 1 36.33 | + 3 13.2 | 1.584 | 2.411 | 15.8 | 21.3 |
| 222053 | 1998 VR ₅₅ | 10 26.4 313°45' 1°0/25.7 17 | | | | | | 453722 | 2011 AB ₇₅ | 10 26.4 339°37' 22°4/ 6.2 17 | | | |
| 9 18 | 2 30.67 | + 9 36.6 | 2.045 | 2.860 | 14.0 | 19.5 | 9 18 | 2 39.26 | +43 58.0 | 0.983 | 1.718 | 30.6 | 20.1 |
| 9 28 | 2 26.33 | + 9 44.0 | 1.950 | 2.845 | 11.0 | 19.3 | 9 28 | 2 38.18 | +47 33.8 | 0.922 | 1.710 | 28.6 | 19.8 |
| 10 8 | 2 19.76 | + 9 46.1 | 1.876 | 2.830 | 7.4 | 19.1 | 10 8 | 2 31.26 | +50 42.8 | 0.872 | 1.702 | 26.4 | 19.7 |
| 10 18 | 2 11.45 | + 9 44.6 | 1.829 | 2.816 | 3.4 | 18.8 | 10 18 | 2 18.26 | +53 6.1 | 0.835 | 1.696 | 24.3 | 19.5 |
| 10 28 | 2 2.21 | + 9 42.2 | 1.809 | 2.801 | 1.4 | 18.6 | 10 28 | 2 0.79 | +54 24.6 | 0.812 | 1.690 | 22.8 | 19.4 |
| 11 7 | 1 53.06 | + 9 42.2 | 1.819 | 2.787 | 5.3 | 18.9 | 11 7 | 1 42.52 | +54 29.0 | 0.804 | 1.686 | 22.4 | 19.3 |
| 11 17 | 1 44.96 | + 9 47.6 | 1.856 | 2.774 | 9.3 | 19.1 | 11 17 | 1 27.74 | +53 25.1 | 0.811 | 1.683 | 23.0 | 19.4 |
| 11 27 | 1 38.74 | +10 1.4 | 1.918 | 2.760 | 12.8 | 19.3 | 11 27 | 1 19.56 | +51 33.2 | 0.832 | 1.681 | 24.6 | 19.5 |
| 16066 | Richardbressler | 10 26.4 295°37' 5°0/21.6 18 | | | | | | 59780 | 1999 NB ₄₂ | 10 26.4 347°80' 6°2/21.3 18 | | | |
| 9 18 | 2 25.82 | + 0 43.7 | 2.128 | 2.961 | 12.8 | 18.0 | 9 18 | 2 27.07 | - 2 9.5 | 1.857 | 2.697 | 14.2 | 18.1 |
| 9 28 | 2 22.29 | - 0 22.4 | 2.049 | 2.953 | 10.1 | 17.8 | 9 28 | 2 23.49 | - 3 9.1 | 1.789 | 2.693 | 11.3 | 17.9 |
| 10 8 | 2 16.86 | - 1 30.9 | 1.993 | 2.944 | 7.2 | 17.6 | 10 8 | 2 17.76 | - 4 8.1 | 1.742 | 2.690 | 8.3 | 17.7 |
| 10 18 | 2 10.01 | - 2 36.1 | 1.963 | 2.936 | 5.2 | 17.4 | 10 18 | 2 10.47 | - 4 59.8 | 1.721 | 2.688 | 6.4 | 17.6 |
| 10 28 | 2 2.51 | - 3 31.6 | 1.962 | 2.927 | 5.6 | 17.4 | 10 28 | 2 2.47 | - 5 37.4 | 1.726 | 2.685 | 6.9 | 17.6 |
| 11 7 | 1 55.19 | - 4 11.9 | 1.987 | 2.919 | 8.1 | 17.6 | 11 7 | 1 54.75 | - 5 56.1 | 1.757 | 2.684 | 9.3 | 17.8 |
| 11 17 | 1 48.87 | - 4 33.6 | 2.039 | 2.910 | 11.0 | 17.8 | 11 17 | 1 48.20 | - 5 53.3 | 1.813 | 2.682 | 12.3 | 18.0 |
| 11 27 | 1 44.20 | - 4 35.3 | 2.114 | 2.902 | 13.8 | 17.9 | 11 27 | 1 43.55 | - 5 29.0 | 1.891 | 2.681 | 15.1 | 18.2 |
| 136869 | 1998 FB ₅₅ | 10 26.4 115°04' 1°4/27.3 18 | | | | | | 512867 | 2016 VF ₁₉ | 10 26.4 14°63' 5°2/22.1 17 | | | |
| 9 18 | 2 36.40 | +17 12.3 | 1.631 | 2.431 | 17.6 | 20.6 | 9 18 | 2 22.05 | + 8 17.4 | 1.213 | 2.079 | 18.5 | 20.4 |
| 9 28 | 2 31.10 | +17 17.0 | 1.562 | 2.445 | 13.9 | 20.4 | 9 28 | 2 20.52 | + 6 22.3 | 1.158 | 2.083 | 14.2 | 20.1 |
| 10 8 | 2 23.04 | +17 7.8 | 1.514 | 2.459 | 9.6 | 20.2 | 10 8 | 2 16.20 | + 4 13.3 | 1.123 | 2.089 | 9.6 | 19.9 |
| 10 18 | 2 12.94 | +16 45.6 | 1.490 | 2.472 | 4.9 | 19.9 | 10 18 | 2 9.82 | + 2 1.3 | 1.112 | 2.097 | 5.7 | 19.7 |
| 10 28 | 2 1.97 | +16 13.3 | 1.493 | 2.485 | 1.5 | 19.7 | 10 28 | 2 2.61 | + 0 0.3 | 1.125 | 2.105 | 6.2 | 19.8 |
| 11 7 | 1 51.47 | +15 36.4 | 1.524 | 2.497 | 5.5 | 20.0 | 11 7 | 1 55.88 | - 1 37.4 | 1.164 | 2.115 | 10.2 | 20.0 |
| 11 17 | 1 42.61 | +15 1.1 | 1.582 | 2.509 | 9.9 | 20.3 | 11 17 | 1 50.80 | - 2 44.1 | 1.225 | 2.125 | 14.5 | 20.3 |
| 11 27 | 1 36.28 | +14 33.5 | 1.665 | 2.520 | 13.8 | 20.6 | 11 27 | 1 48.17 | - 3 17.2 | 1.305 | 2.137 | 18.3 | 20.6 |
| 103003 | 1999 XN ₉₈ | 10 26.4 11°45' 1°9/25.5 18 | | | | | | 180952 | 2005 ML ₂₂ | 10 26.4 184°95' 4°0/23.2 18 | | | |
| 9 18 | 2 28.78 | + 9 10.0 | 0.997 | 1.864 | 21.5 | 17.9 | 9 18 | 2 32.70 | + 4 23.9 | 1.927 | 2.749 | 14.4 | 21.5 |
| 9 28 | 2 26.50 | + 9 13.3 | 0.942 | 1.866 | 16.8 | 17.6 | 9 28 | 2 27.78 | + 3 28.4 | 1.850 | 2.749 | 11.2 | 21.3 |
| 10 8 | 2 20.63 | + 9 7.3 | 0.905 | 1.871 | 11.3 | 17.3 | 10 8 | 2 20.62 | + 2 28.0 | 1.796 | 2.749 | 7.7 | 21.1 |
| 10 18 | 2 12.01 | + 8 55.8 | 0.887 | 1.877 | 5.3 | 17.0 | 10 18 | 2 11.80 | + 1 27.9 | 1.768 | 2.748 | 4.6 | 20.9 |
| 10 28 | 2 2.14 | + 8 44.6 | 0.892 | 1.884 | 2.5 | 16.9 | 10 28 | 2 2.23 | + 0 34.6 | 1.769 | 2.747 | 4.5 | 20.9 |
| 11 7 | 1 52.87 | + 8 40.3 | 0.920 | 1.893 | 8.1 | 17.3 | 11 7 | 1 52.95 | - 0 6.0 | 1.798 | 2.744 | 7.6 | 21.1 |
| 11 17 | 1 45.75 | + 8 48.0 | 0.970 | 1.904 | 13.7 | 17.6 | 11 17 | 1 44.91 | - 0 29.8 | 1.854 | 2.741 | 11.1 | 21.3 |
| 11 27 | 1 41.86 | + 9 11.1 | 1.039 | 1.916 | 18.5 | 17.9 | 11 27 | 1 38.87 | - 0 34.9 | 1.934 | 2.738 | 14.3 | 21.5 |
| 140405 | 2001 TK ₇₃ | 10 26.4 332°84' 0°2/26.6 18 | | | | | | 240971 | 2006 JB ₁₆ | 10 26.4 254°19' 0°1/26.4 18 | | | |
| 9 18 | 2 27.81 | +15 27.9 | 1.890 | 2.701 | 15.1 | 20.1 | 9 18 | 2 31.06 | +13 54.9 | 1.857 | 2.668 | 15.3 | 21.5 |
| 9 28 | 2 24.19 | +15 8.8 | 1.806 | 2.697 | 11.9 | 19.9 | 9 28 | 2 26.84 | +13 43.4 | 1.768 | 2.659 | 12.1 | 21.3 |
| 10 8 | 2 18.33 | +14 37.3 | 1.743 | 2.694 | 8.1 | 19.6 | 10 8 | 2 20.21 | +13 21.1 | 1.699 | 2.651 | 8.2 | 21.0 |
| 10 18 | 2 10.76 | +13 55.5 | 1.705 | 2.691 | 3.9 | 19.4 | 10 18 | 2 11.70 | +12 49.6 | 1.656 | 2.642 | 3.9 | 20.8 |
| 10 28 | 2 2.38 | +13 7.4 | 1.695 | 2.688 | 0.7 | 19.1 | 10 28 | 2 2.25 | +12 12.8 | 1.641 | 2.634 | 0.8 | 20.5 |
| 11 7 | 1 54.23 | +12 18.6 | 1.713 | 2.686 | 5.1 | 19.4 | 11 7 | 1 52.97 | +11 35.7 | 1.653 | 2.625 | 5.4 | 20.8 |
| 11 17 | 1 47.26 | +11 34.9 | 1.758 | 2.683 | 9.2 | 19.7 | 11 17 | 1 44.92 | +11 3.7 | 1.694 | 2.616 | 9.7 | 21.1 |
| 11 27 | 1 42.28 | +11 1.4 | 1.828 | 2.681 | 12.9 | 19.9 | 11 27 | 1 38.96 | +10 41.8 | 1.758 | 2.607 | 13.5 | 21.3 |
| 243509 | 2009 WB ₈₀ | 10 26.4 328°32' 3°2/21.9 16 | | | | | | 184691 | 2005 SV ₉₇ | 10 26.4 66°20' 1°5/25.5 18 | | | |
| 9 18 | 2 24.62 | - 3 53.6 | 4.135 | 4.942 | 7.6 | 20.2 | 9 18 | 2 34.55 | +10 21.1 | 1.414 | 2.244 | 18.3 | 20.2 |
| 9 28 | 2 20.32 | - 4 6.1 | 4.053 | 4.939 | 6.0 | 20.1 | 9 28 | 2 29.80 | +10 6.9 | 1.359 | 2.262 | 14.2 | 19.9 |
| 10 8 | 2 15.02 | - 4 16.5 | 3.998 | 4.936 | 4.4 | 20.0 | 10 8 | 2 22.20 | + 9 43.6 | 1.323 | 2.281 | 9.4 | 19.7 |
| 10 18 | 2 9.03 | - 4 22.7 | 3.971 | 4.933 | 3.3 | 19.9 | 10 18 | 2 12.56 | + 9 14.6 | 1.312 | 2.299 | 4.3 | 19.5 |
| 10 28 | 2 2.73 | - 4 22.5 | 3.974 | 4.930 | 3.5 | 19.9 | 10 28 | 2 2.13 | + 8 45.2 | 1.326 | 2.318 | 2.0 | 19.4 |
| 11 7 | 1 56.54 | - 4 14.5 | 4.007 | 4.927 | 4.7 | 20.0 | 11 7 | 1 52.32 | + 8 21.4 | 1.368 | 2.336 | 6.7 | 19.7 |
| 11 17 | 1 50.86 | - 3 57.8 | 4.069 | 4.925 | 6.4 | 20.1 | 11 17 | 1 44.30 | + 8 8.0 | 1.435 | 2.355 | 11.3 | 20.0 |
| 11 27 | 1 46.06 | - 3 32.0 | 4.158 | 4.922 | 7.9 | 20.2 | 11 27 | 1 38.92 | + 8 8.4 | 1.524 | 2.373 | 15.2 | 20.3 |
| 51492 | 2001 FK ₇₇ | 10 26.4 28°55' 1°4/25.8 18 | | | | | | 390150 | 2012 VE ₈₈ | 10 26.4 28°23' 6°7/21.9 18 | | | |
| 9 18 | 2 34.11 | + 9 17.9 | 1.184 | 2.030 | 20.2 | 17.9 | 9 18 | 2 26.51 | + 2 6.2 | 1.219 | 2.083 | 18.5 | 19.3 |
| 9 28 | 2 30.14 | + 9 29.9 | 1.126 | 2.038 | 15.8 | 17.7 | 9 28 | 2 23.83 | + 0 44.4 | 1.175 | 2.097 | 14.4 | 19.1 |
| 10 8 | 2 22.81 | + 9 34.2 | 1.086 | 2.047 | 10.6 | 17.4 | 10 8 | 2 18.30 | + 0 40.3 | 1.150 | 2.111 | 10.1 | 18.9 |
| 10 18 | 2 12.95 | + 9 33.4 | 1.068 | 2.056 | 4.9 | 17.1 | 10 18 | 2 10.76 | - 1 58.0 | 1.148 | 2.126 | 7.0 | 18.8 |
| 10 28 | 2 1.98 | + 9 31.7 | 1.074 | 2.067 | 2.0 | 17.0 | 10 28 | 2 2.47 | - 2 58.6 | 1.170 | 2.142 | 7.4 | 18.8 |
| 11 7 | 1 51.59 | + 9 34.1 | 1.106 | 2.078 | 7.3 | 17.3 | 11 7 | 1 54.81 | - 3 34.4 | 1.216 | 2.160 | 10.7 | 19.1 |
| 11 17 | 1 43.24 | + 9 44.9 | 1.161 | 2.089 | 12.6 | 17.7 | 11 17 | 1 48.90 | - 3 42.5 | 1.285 | 2.178 | 14.6 | 19.4 |
| 11 27 | 1 37.93 | +10 7.5 | 1.238 | 2.102 | 17.0 | 18.0 | 11 27 | 1 45.52 | - 3 23.4 | 1.373 | 2.197 | 18.0 | 19.6 |
| 205423 | 2001 FM ₁₉₆ | 10 26.4 108°78' 4°6/22.9 18 | | | | | | 396919 | 2005 EJ ₁₀₈ | 10 26.4 190°54' 5°1/31.4 18 | | | |
| 9 18 | 2 33.51 | - 0 0.4 | 2.071 | 2.891 | 13.7 | 20.4 | 9 18 | 2 33.41 | +30 15.9 | 2.490 | 3.210 | 14.3 | 21.6 |
| 9 28 | 2 28.02 | - 0 | | | | | | | | | | | |

EPHEMERIDES

10 26.4

10 26.4

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 195287 | 2002 <i>EV</i> ₇₉ | 10 26.4 | 32°96 | 1°5/23.9 | 18 | | 309055 | 2006 <i>UX</i> ₂₇₄ | 10 26.4 | 50°10 | 1°5/27.7 | 18 | |
| 9 18 | 2 19.79 | + 6 33.4 | 4.174 | 4.984 | 7.5 | 20.3 | 9 18 | 2 29.15 | +18 47.8 | 1.804 | 2.606 | 16.1 | 21.1 |
| 9 28 | 2 16.67 | + 6 1.2 | 4.091 | 4.986 | 5.7 | 20.2 | 9 28 | 2 25.30 | +18 38.3 | 1.730 | 2.614 | 12.8 | 20.9 |
| 10 8 | 2 12.63 | + 5 26.4 | 4.034 | 4.988 | 3.8 | 20.1 | 10 8 | 2 19.09 | +18 14.1 | 1.677 | 2.622 | 8.9 | 20.7 |
| 10 18 | 2 7.95 | + 4 51.0 | 4.006 | 4.990 | 2.0 | 19.9 | 10 18 | 2 11.14 | +17 36.3 | 1.649 | 2.630 | 4.7 | 20.5 |
| 10 28 | 2 2.99 | + 4 17.4 | 4.008 | 4.992 | 1.8 | 19.9 | 10 28 | 2 2.43 | +16 48.6 | 1.647 | 2.639 | 1.6 | 20.3 |
| 11 7 | 1 58.13 | + 3 47.9 | 4.041 | 4.994 | 3.5 | 20.1 | 11 7 | 1 54.05 | +15 56.6 | 1.673 | 2.648 | 4.9 | 20.5 |
| 11 17 | 1 53.74 | + 3 24.4 | 4.103 | 4.996 | 5.4 | 20.2 | 11 17 | 1 47.02 | +15 6.7 | 1.727 | 2.657 | 9.0 | 20.8 |
| 11 27 | 1 50.14 | + 3 8.4 | 4.191 | 4.998 | 7.1 | 20.3 | 11 27 | 1 42.09 | +14 24.9 | 1.805 | 2.666 | 12.6 | 21.1 |
| 422279 | 2014 <i>SJ</i> ₁₅₃ | 10 26.4 | 312°71 | 3°8/29.6 | 17 | | 487423 | 2014 <i>QZ</i> ₄₁₇ | 10 26.4 | 96°02 | 2°2/28.7 | 18 | |
| 9 18 | 2 30.45 | +24 0.8 | 2.299 | 3.061 | 14.2 | 20.7 | 9 18 | 2 28.95 | +21 36.5 | 2.492 | 3.262 | 13.0 | 21.3 |
| 9 28 | 2 26.09 | +24 33.7 | 2.202 | 3.054 | 11.7 | 20.6 | 9 28 | 2 24.45 | +21 32.4 | 2.416 | 3.278 | 10.4 | 21.2 |
| 10 8 | 2 19.58 | +24 53.9 | 2.127 | 3.047 | 8.8 | 20.4 | 10 8 | 2 18.16 | +21 15.7 | 2.362 | 3.293 | 7.5 | 21.0 |
| 10 18 | 2 11.40 | +24 59.8 | 2.077 | 3.040 | 5.8 | 20.2 | 10 18 | 2 10.61 | +20 47.1 | 2.334 | 3.308 | 4.3 | 20.8 |
| 10 28 | 2 2.33 | +24 51.5 | 2.055 | 3.034 | 3.9 | 20.0 | 10 28 | 2 2.53 | +20 8.7 | 2.335 | 3.323 | 2.2 | 20.7 |
| 11 7 | 1 53.34 | +24 31.4 | 2.061 | 3.027 | 5.0 | 20.1 | 11 7 | 1 54.73 | +19 24.5 | 2.365 | 3.338 | 3.9 | 20.8 |
| 11 17 | 1 45.38 | +24 3.6 | 2.095 | 3.021 | 7.9 | 20.3 | 11 17 | 1 47.94 | +18 38.8 | 2.425 | 3.352 | 6.9 | 21.1 |
| 11 27 | 1 39.24 | +23 33.5 | 2.155 | 3.015 | 10.9 | 20.4 | 11 27 | 1 42.75 | +17 56.5 | 2.512 | 3.366 | 9.7 | 21.3 |
| 456625 | 2007 <i>JR</i> ₁₉ | 10 26.4 | 150°20 | 0°8/27.3 | 18 | | 94068 | 2000 <i>YE</i> ₃₄ | 10 26.4 | 264°97 | 3°6/30.0 | 18 | |
| 9 18 | 2 26.29 | +18 49.8 | 2.468 | 3.255 | 12.7 | 21.6 | 9 18 | 2 27.94 | +25 58.2 | 2.311 | 3.069 | 14.2 | 19.7 |
| 9 28 | 2 22.43 | +18 11.9 | 2.382 | 3.258 | 10.0 | 21.4 | 9 28 | 2 24.09 | +25 57.7 | 2.214 | 3.063 | 11.8 | 19.5 |
| 10 8 | 2 16.83 | +17 21.2 | 2.318 | 3.261 | 6.9 | 21.2 | 10 8 | 2 18.19 | +25 41.1 | 2.138 | 3.056 | 8.9 | 19.3 |
| 10 18 | 2 10.00 | +16 19.7 | 2.281 | 3.263 | 3.5 | 21.0 | 10 18 | 2 10.74 | +25 7.6 | 2.087 | 3.050 | 5.8 | 19.1 |
| 10 28 | 2 2.62 | +15 11.1 | 2.273 | 3.266 | 0.8 | 20.8 | 10 28 | 2 2.52 | +24 18.8 | 2.063 | 3.043 | 3.7 | 18.9 |
| 11 7 | 1 55.46 | +14 0.6 | 2.296 | 3.268 | 4.0 | 21.0 | 11 7 | 1 54.46 | +23 18.6 | 2.068 | 3.037 | 4.7 | 19.0 |
| 11 17 | 1 49.24 | +12 53.5 | 2.347 | 3.271 | 7.3 | 21.3 | 11 17 | 1 47.43 | +22 12.8 | 2.101 | 3.030 | 7.7 | 19.2 |
| 11 27 | 1 44.55 | +11 54.9 | 2.426 | 3.273 | 10.3 | 21.5 | 11 27 | 1 42.17 | +21 8.0 | 2.161 | 3.024 | 10.7 | 19.4 |
| 130229 | Igorlazbin | 10 26.4 | 277°27 | 1°4/25.1 | 17 | | 307389 | 2002 <i>TY</i> ₁₀ | 10 26.4 | 11°54 | 6°3/31.7 | 18 | |
| 9 18 | 2 27.01 | +10 17.4 | 2.341 | 3.154 | 12.5 | 20.5 | 9 18 | 2 25.57 | +30 6.3 | 1.439 | 2.219 | 20.4 | 19.1 |
| 9 28 | 2 23.15 | + 9 49.5 | 2.246 | 3.141 | 9.7 | 20.3 | 9 28 | 2 23.45 | +30 18.0 | 1.366 | 2.222 | 17.2 | 18.9 |
| 10 8 | 2 17.44 | + 9 14.2 | 2.174 | 3.128 | 6.5 | 20.1 | 10 8 | 2 18.34 | +30 2.5 | 1.311 | 2.226 | 13.4 | 18.7 |
| 10 18 | 2 10.34 | + 8 34.3 | 2.129 | 3.116 | 3.0 | 19.8 | 10 18 | 2 10.94 | +29 17.3 | 1.275 | 2.232 | 9.5 | 18.5 |
| 10 28 | 2 2.54 | + 7 53.6 | 2.112 | 3.103 | 1.8 | 19.7 | 10 28 | 2 2.49 | +28 4.2 | 1.263 | 2.238 | 6.6 | 18.4 |
| 11 7 | 1 54.86 | + 7 16.7 | 2.125 | 3.090 | 5.1 | 19.9 | 11 7 | 1 54.44 | +26 30.5 | 1.276 | 2.245 | 7.1 | 18.4 |
| 11 17 | 1 48.07 | + 6 47.5 | 2.166 | 3.077 | 8.6 | 20.1 | 11 17 | 1 48.10 | +24 47.1 | 1.315 | 2.253 | 10.4 | 18.6 |
| 11 27 | 1 42.86 | + 6 29.4 | 2.232 | 3.064 | 11.7 | 20.3 | 11 27 | 1 44.43 | +23 6.3 | 1.376 | 2.262 | 14.2 | 18.9 |
| 411588 | 2011 <i>EJ</i> ₆₃ | 10 26.4 | 296°66 | 4°2/22.2 | 17 | | 76259 | 2000 <i>EZ</i> ₁₀₀ | 10 26.4 | 351°36 | 2°7/23.7 | 18 | |
| 9 18 | 2 25.10 | + 3 24.5 | 2.204 | 3.035 | 12.5 | 21.2 | 9 18 | 2 24.57 | + 8 0.0 | 2.170 | 2.997 | 12.9 | 19.8 |
| 9 28 | 2 21.78 | + 2 20.2 | 2.111 | 3.015 | 9.8 | 21.0 | 9 28 | 2 21.29 | + 6 59.1 | 2.091 | 2.995 | 9.9 | 19.6 |
| 10 8 | 2 16.59 | + 1 10.8 | 2.041 | 2.996 | 6.8 | 20.7 | 10 8 | 2 16.19 | + 5 50.9 | 2.036 | 2.994 | 6.6 | 19.4 |
| 10 18 | 2 9.97 | + 0 1.4 | 1.998 | 2.976 | 4.5 | 20.6 | 10 18 | 2 9.76 | + 4 39.8 | 2.007 | 2.992 | 3.5 | 19.2 |
| 10 28 | 2 2.62 | + 1 1.7 | 1.984 | 2.957 | 4.7 | 20.5 | 10 28 | 2 2.74 | + 3 31.8 | 2.007 | 2.991 | 3.2 | 19.2 |
| 11 7 | 1 55.37 | + 1 52.7 | 1.997 | 2.938 | 7.4 | 20.7 | 11 7 | 1 55.93 | + 2 32.6 | 2.036 | 2.991 | 6.2 | 19.4 |
| 11 17 | 1 49.02 | + 2 27.2 | 2.037 | 2.918 | 10.6 | 20.8 | 11 17 | 1 50.10 | + 1 47.0 | 2.092 | 2.990 | 9.5 | 19.6 |
| 11 27 | 1 44.27 | + 2 42.6 | 2.101 | 2.899 | 13.5 | 21.0 | 11 27 | 1 45.87 | + 1 18.0 | 2.172 | 2.990 | 12.4 | 19.8 |
| 521803 | 2015 <i>TR</i> ₁₂₁ | 10 26.4 | 318°70 | 8°1/17.8 | 18 | | 492063 | 2013 <i>HY</i> ₉₉ | 10 26.4 | 348°14 | 1°3/25.2 | 18 | |
| 9 18 | 2 26.52 | +11 34.3 | 2.315 | 3.137 | 12.3 | 21.0 | 9 18 | 2 23.70 | +15 8.8 | 1.694 | 2.521 | 15.9 | 21.0 |
| 9 28 | 2 22.62 | +12 52.4 | 2.255 | 3.135 | 10.3 | 20.9 | 9 28 | 2 21.23 | +13 53.6 | 1.613 | 2.516 | 12.4 | 20.8 |
| 10 8 | 2 16.97 | +14 3.7 | 2.219 | 3.134 | 8.8 | 20.8 | 10 8 | 2 16.46 | +12 21.1 | 1.554 | 2.511 | 8.3 | 20.5 |
| 10 18 | 2 10.07 | +15 1.4 | 2.208 | 3.132 | 8.1 | 20.8 | 10 18 | 2 9.98 | +10 36.2 | 1.519 | 2.508 | 3.7 | 20.3 |
| 10 28 | 2 2.62 | +15 39.7 | 2.223 | 3.131 | 8.8 | 20.8 | 10 28 | 2 2.70 | + 8 46.9 | 1.513 | 2.504 | 1.8 | 20.1 |
| 11 7 | 1 55.42 | +15 55.0 | 2.264 | 3.129 | 10.4 | 20.9 | 11 7 | 1 55.71 | + 7 2.9 | 1.534 | 2.502 | 6.3 | 20.4 |
| 11 17 | 1 49.21 | +15 46.4 | 2.328 | 3.128 | 12.4 | 21.1 | 11 17 | 1 49.96 | + 5 33.1 | 1.582 | 2.500 | 10.6 | 20.7 |
| 11 27 | 1 44.55 | +15 15.0 | 2.413 | 3.127 | 14.3 | 21.2 | 11 27 | 1 46.23 | + 4 23.9 | 1.654 | 2.498 | 14.4 | 20.9 |
| 339208 | 2004 <i>TM</i> ₂₆₆ | 10 26.4 | 317°21 | 0°1/26.5 | 18 | | 315015 | 2007 <i>BB</i> ₃₈ | 10 26.4 | 162°61 | 0°9/25.7 | 18 | |
| 9 18 | 2 27.81 | +15 22.6 | 1.520 | 2.347 | 17.4 | 21.4 | 9 18 | 2 27.89 | +12 23.8 | 2.176 | 2.987 | 13.4 | 21.4 |
| 9 28 | 2 24.87 | +15 2.0 | 1.435 | 2.335 | 13.8 | 21.1 | 9 28 | 2 23.89 | +11 54.0 | 2.095 | 2.988 | 10.4 | 21.2 |
| 10 8 | 2 19.19 | +14 26.1 | 1.368 | 2.323 | 9.4 | 20.8 | 10 8 | 2 17.96 | +11 15.0 | 2.035 | 2.989 | 7.0 | 21.0 |
| 10 18 | 2 11.34 | +13 37.2 | 1.325 | 2.312 | 4.5 | 20.5 | 10 18 | 2 10.60 | +10 29.6 | 2.002 | 2.989 | 3.2 | 20.8 |
| 10 28 | 2 2.36 | +12 40.1 | 1.308 | 2.302 | 0.8 | 20.2 | 10 28 | 2 2.59 | + 9 42.0 | 1.998 | 2.990 | 1.3 | 20.7 |
| 11 7 | 1 53.56 | +11 42.1 | 1.318 | 2.291 | 6.1 | 20.6 | 11 7 | 1 54.81 | + 8 57.2 | 2.022 | 2.990 | 5.0 | 20.9 |
| 11 17 | 1 46.19 | +10 51.2 | 1.353 | 2.282 | 11.1 | 20.8 | 11 17 | 1 48.07 | + 8 19.7 | 2.075 | 2.991 | 8.6 | 21.2 |
| 11 27 | 1 41.24 | +10 13.9 | 1.410 | 2.272 | 15.4 | 21.1 | 11 27 | 1 43.03 | + 7 53.5 | 2.153 | 2.991 | 11.8 | 21.4 |
| 432763 | 2011 <i>FQ</i> ₁₀ | 10 26.4 | 196°48 | 3°1/28.5 | 18 | | 161901 | 2007 <i>DD</i> ₅₁ | 10 26.4 | 157°78 | 2°9/23.6 | 18 | |
| 9 18 | 2 34.80 | +20 45.6 | 1.724 | 2.511 | 17.3 | 21.1 | 9 18 | 2 29.89 | + 9 19.7 | 1.931 | 2.751 | 14.5 | 20.2 |
| 9 28 | 2 30.08 | +21 9.7 | 1.639 | 2.511 | 14.0 | 20.9 | 9 28 | 2 25.57 | + 7 59.7 | 1.857 | 2.757 | 11.2 | 20.0 |
| 10 8 | 2 22.57 | +21 19.0 | 1.574 | 2.510 | 10.1 | 20.6 | 10 8 | 2 19.13 | + 6 29.5 | 1.806 | 2.762 | 7.4 | 19.8 |
| 10 18 | 2 12.88 | +21 12.3 | 1.533 | 2.508 | 6.0 | 20.4 | 10 18 | 2 11.14 | + 4 54.9 | 1.782 | 2.767 | 3.9 | 19.6 |
| 10 28 | 2 2.08 | +20 50.6 | 1.519 | 2.507 | 3.1 | 20.2 | 10 28 | 2 2.50 | + 3 23.4 | 1.788 | 2.772 | 3.5 | 19.6 |
| 11 7 | 1 51.50 | +20 18.1 | 1.533 | 2.505 | 5.6 | 20.4 | 11 7 | 1 54.20 | + 2 2.8 | 1.822 | 2.776 | 6.9 | 19.8 |
| 11 17 | 1 42.39 | +19 40.9 | 1.573 | 2.503 | 9.7 | 20.6 | 11 17 | 1 47.12 | + 0 59.1 | 1.884 | 2.779 | 10.5 | 20.1 |
| 11 27 | 1 35.74 | +19 6.1 | 1.638 | 2.501 | 13.6 | 20.8 | 11 27 | 1 41.95 | + 0 15.7 | 1.970 | 2.782 | 13.8 | 20.3 |
| 517489 | 2014 <i>QQ</i> ₂₂₅ | 10 26.4 | 66°50 | 1°6/24.9 | 18 | | 316672 | 1995 <i>SD</i> ₂₀ | 10 26.4 | 12°46 | 0°8/25.9 | 18 | |
| 9 18 | 2 26.37 | +10 47.3 | 2.169 | 2.986 | 13.2 | 21.5 | 9 18 | 2 27.56 | +13 30.9 | 1.429 | 2.264 | 17.9 | 20.7 |
| 9 28 | 2 22.60 | +10 1.4 | 2.097 | 2.996 | 10.2 | 21.3 | 9 28 | 2 24.62 | +13 3.0 | 1.360 | 2.266 | 14.0 | 20.4 |
| 10 8 | 2 17.00 | + 9 7.2 | 2.049 | 3.005 | 6.7 | 21.2 | 10 8 | 2 18.94 | +12 21.2 | 1.310 | 2.269 | 9.4 | 20.2 |
| 10 18 | 2 10.09 | + 8 8.4 | 2.028 | 3.015 | 3.1 | 20.9 | 10 18 | 2 11.18 | +11 29.1 | 1.284 | 2.272 | 4.3 | 19.9 |
| 10 28 | 2 2.63 | + 7 10.1 | 2.035 | 3.024 | 2.0 | 20.9 | 10 28 | 2 2.49 | +10 32.9 | 1.284 | 2.276 | 1.4 | 19.7 |
| 11 7 | 1 55.46 | + 6 17.5 | 2.071 | 3.034 | 5.3 | 21.1 | 11 7 | 1 54.18 | + 9 40.1 | 1.309 | 2.281 | 6.4 | 20.1 |
| 11 17 | 1 49.34 | + 5 35.3 | 2.134 | 3.043 | 8.7 | 21.4 | 11 17 | 1 47.43 | + 8 58.0 | 1.360 | 2.286 | 11.2 | 20.4 |
| 11 27 | 1 44.87 | + 5 6.6 | 2.223 | 3.053 | 11.7 | 21.6 | 11 27 | 1 43.12 | | | | | |

EPHEMERIDES

10 26.4

10 26.5

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|-------------|-------|---------|------|
| 515469 | 2013 <i>YF</i> ₁₅₂ | 10 26.4 238°43 | 0°2/26.3 18 | | | | 424449 | 2008 <i>CC</i> ₆₈ | 10 26.4 181°26 | 1°2/27.3 16 | | | |
| 9 18 | 2 30.26 | +14 40.7 | 1.737 | 2.551 | 16.1 | 21.6 | 9 18 | 2 34.83 | +17 33.3 | 1.890 | 2.681 | 15.8 | 22.3 |
| 9 28 | 2 26.34 | +14 13.7 | 1.653 | 2.547 | 12.7 | 21.4 | 9 28 | 2 29.74 | +17 26.7 | 1.804 | 2.682 | 12.6 | 22.1 |
| 10 8 | 2 19.94 | +13 33.4 | 1.590 | 2.543 | 8.6 | 21.1 | 10 8 | 2 22.14 | +17 6.8 | 1.740 | 2.683 | 8.8 | 21.8 |
| 10 18 | 2 11.63 | +12 42.3 | 1.552 | 2.539 | 4.0 | 20.8 | 10 18 | 2 12.66 | +16 34.3 | 1.701 | 2.683 | 4.5 | 21.6 |
| 10 28 | 2 2.41 | +11 45.3 | 1.541 | 2.534 | 0.9 | 20.6 | 10 28 | 2 2.27 | +15 52.4 | 1.690 | 2.682 | 1.2 | 21.4 |
| 11 7 | 1 53.42 | +10 49.0 | 1.558 | 2.530 | 5.7 | 20.9 | 11 7 | 1 52.13 | +15 6.2 | 1.708 | 2.681 | 5.0 | 21.6 |
| 11 17 | 1 45.76 | +10 0.0 | 1.602 | 2.525 | 10.1 | 21.2 | 11 17 | 1 43.33 | +14 21.7 | 1.754 | 2.679 | 9.3 | 21.9 |
| 11 27 | 1 40.30 | +9 23.9 | 1.670 | 2.520 | 14.0 | 21.4 | 11 27 | 1 36.73 | +13 44.9 | 1.826 | 2.676 | 13.0 | 22.1 |
| 239051 | 2006 <i>EU</i> ₄₁ | 10 26.4 109°09 | 9°2/3.4 18 | | | | 396906 | 2005 <i>AT</i> ₄₉ | 10 26.5 278°88 | 1°2/27.4 18 | | | |
| 9 18 | 2 44.64 | +38 46.6 | 2.207 | 2.865 | 17.4 | 20.6 | 9 18 | 2 29.39 | +18 9.0 | 1.853 | 2.655 | 15.7 | 21.4 |
| 9 28 | 2 37.72 | +40 14.3 | 2.133 | 2.886 | 15.3 | 20.5 | 9 28 | 2 25.77 | +17 52.4 | 1.751 | 2.636 | 12.6 | 21.2 |
| 10 8 | 2 27.73 | +41 21.7 | 2.078 | 2.906 | 13.1 | 20.4 | 10 8 | 2 19.67 | +17 20.6 | 1.670 | 2.616 | 8.8 | 20.9 |
| 10 18 | 2 15.33 | +42 2.6 | 2.045 | 2.926 | 10.9 | 20.3 | 10 18 | 2 11.61 | +16 34.4 | 1.613 | 2.596 | 4.5 | 20.6 |
| 10 28 | 2 1.71 | +42 13.4 | 2.037 | 2.945 | 9.5 | 20.2 | 10 28 | 2 2.46 | +15 37.2 | 1.584 | 2.576 | 1.2 | 20.3 |
| 11 7 | 1 48.35 | +41 54.9 | 2.056 | 2.964 | 9.3 | 20.2 | 11 7 | 1 53.36 | +14 34.9 | 1.582 | 2.556 | 5.2 | 20.6 |
| 11 17 | 1 36.65 | +41 12.5 | 2.102 | 2.982 | 10.3 | 20.3 | 11 17 | 1 45.43 | +13 34.4 | 1.608 | 2.536 | 9.7 | 20.8 |
| 11 27 | 1 27.67 | +40 14.9 | 2.173 | 2.999 | 12.1 | 20.5 | 11 27 | 1 39.61 | +12 43.0 | 1.659 | 2.516 | 13.7 | 21.0 |
| 5187 | <i>Domon</i> | 10 26.4 342°51 | 1°7/25.0 18 | | | | 51464 | 2001 <i>FY</i> ₄₇ | 10 26.5 264°02 | 0°2/26.6 18 | | | |
| 9 18 | 2 27.31 | +10 9.8 | 1.912 | 2.736 | 14.4 | 16.9 | 9 18 | 2 31.14 | +14 28.3 | 1.845 | 2.654 | 15.5 | 19.4 |
| 9 28 | 2 23.74 | +9 37.9 | 1.832 | 2.733 | 11.2 | 16.7 | 9 28 | 2 26.89 | +14 22.8 | 1.762 | 2.652 | 12.2 | 19.2 |
| 10 8 | 2 18.01 | +8 57.4 | 1.773 | 2.730 | 7.5 | 16.5 | 10 8 | 2 20.25 | +14 6.4 | 1.700 | 2.651 | 8.3 | 18.9 |
| 10 18 | 2 10.68 | +8 11.8 | 1.740 | 2.728 | 3.5 | 16.2 | 10 18 | 2 11.78 | +13 40.8 | 1.664 | 2.649 | 4.0 | 18.7 |
| 10 28 | 2 2.59 | +7 26.1 | 1.735 | 2.725 | 2.2 | 16.1 | 10 28 | 2 2.44 | +13 9.3 | 1.654 | 2.648 | 0.7 | 18.4 |
| 11 7 | 1 54.74 | +6 46.0 | 1.758 | 2.723 | 5.9 | 16.4 | 11 7 | 1 53.33 | +12 36.8 | 1.674 | 2.646 | 5.2 | 18.8 |
| 11 17 | 1 48.03 | +6 16.1 | 1.808 | 2.721 | 9.8 | 16.6 | 11 17 | 1 45.48 | +12 8.4 | 1.720 | 2.644 | 9.4 | 19.0 |
| 11 27 | 1 43.21 | +6 0.1 | 1.881 | 2.720 | 13.2 | 16.8 | 11 27 | 1 39.74 | +11 49.0 | 1.791 | 2.643 | 13.1 | 19.2 |
| 436479 | 2011 <i>EX</i> ₁₂ | 10 26.4 119°61 | 0°3/26.7 16 | | | | 392050 | 2009 <i>BE</i> ₁₂₀ | 10 26.5 91°72 | 5°8/21.8 18 | | | |
| 9 18 | 2 33.03 | +16 16.1 | 1.881 | 2.680 | 15.6 | 22.4 | 9 18 | 2 31.19 | - 1 13.8 | 1.908 | 2.737 | 14.3 | 21.0 |
| 9 28 | 2 28.08 | +15 49.1 | 1.811 | 2.696 | 12.2 | 22.2 | 9 28 | 2 26.41 | - 2 17.6 | 1.856 | 2.756 | 11.2 | 20.8 |
| 10 8 | 2 20.83 | +15 9.1 | 1.763 | 2.711 | 8.3 | 22.0 | 10 8 | 2 19.58 | - 3 20.4 | 1.828 | 2.775 | 8.1 | 20.7 |
| 10 18 | 2 11.93 | +14 18.3 | 1.741 | 2.726 | 4.0 | 21.7 | 10 18 | 2 11.32 | - 4 15.9 | 1.825 | 2.793 | 6.0 | 20.6 |
| 10 28 | 2 2.38 | +13 21.3 | 1.747 | 2.740 | 0.7 | 21.5 | 10 28 | 2 2.56 | - 4 57.7 | 1.850 | 2.812 | 6.3 | 20.7 |
| 11 7 | 1 53.24 | +12 24.2 | 1.782 | 2.754 | 5.0 | 21.9 | 11 7 | 1 54.26 | - 5 21.4 | 1.903 | 2.830 | 8.7 | 20.8 |
| 11 17 | 1 45.49 | +11 33.1 | 1.845 | 2.767 | 9.1 | 22.1 | 11 17 | 1 47.25 | - 5 24.9 | 1.981 | 2.847 | 11.5 | 21.1 |
| 11 27 | 1 39.83 | +10 53.0 | 1.933 | 2.779 | 12.6 | 22.4 | 11 27 | 1 42.16 | - 5 8.6 | 2.082 | 2.864 | 14.1 | 21.3 |
| 154883 | 2004 <i>RM</i> ₁₄₇ | 10 26.4 265°20 | 2°7/28.7 18 | | | | 187382 | 2005 <i>UT</i> ₄₀₁ | 10 26.5 102°02 | 6°0/22.0 18 | | | |
| 9 18 | 2 30.36 | +21 24.3 | 2.242 | 3.017 | 14.1 | 20.4 | 9 18 | 2 35.60 | - 7 5.0 | 2.343 | 3.149 | 12.7 | 20.6 |
| 9 28 | 2 25.98 | +21 40.5 | 2.150 | 3.013 | 11.5 | 20.2 | 9 28 | 2 29.40 | - 7 29.5 | 2.286 | 3.167 | 10.2 | 20.5 |
| 10 8 | 2 19.49 | +21 44.1 | 2.079 | 3.010 | 8.3 | 20.0 | 10 8 | 2 21.38 | - 7 48.3 | 2.253 | 3.184 | 7.8 | 20.3 |
| 10 18 | 2 11.39 | +21 34.8 | 2.033 | 3.006 | 5.0 | 19.8 | 10 18 | 2 12.12 | - 7 56.8 | 2.247 | 3.201 | 6.2 | 20.3 |
| 10 28 | 2 2.47 | +21 13.6 | 2.016 | 3.002 | 2.7 | 19.6 | 10 28 | 2 2.42 | - 7 51.4 | 2.270 | 3.217 | 6.4 | 20.3 |
| 11 7 | 1 53.69 | +20 43.8 | 2.027 | 2.999 | 4.5 | 19.7 | 11 7 | 1 53.15 | - 7 29.9 | 2.322 | 3.233 | 8.1 | 20.4 |
| 11 17 | 1 45.96 | +20 9.9 | 2.067 | 2.995 | 7.9 | 19.9 | 11 17 | 1 45.04 | - 6 52.4 | 2.401 | 3.249 | 10.4 | 20.6 |
| 11 27 | 1 40.06 | +19 37.3 | 2.133 | 2.991 | 11.0 | 20.1 | 11 27 | 1 38.68 | - 6 0.1 | 2.505 | 3.265 | 12.6 | 20.8 |
| 78088 | 2002 <i>LB</i> ₂₆ | 10 26.4 37°13 | 0°2/26.6 17 | | | | 295558 | 2008 <i>SM</i> ₅₅ | 10 26.5 75°24 | 0°8/25.0 18 | | | |
| 9 18 | 2 28.05 | +17 39.6 | 1.189 | 2.027 | 20.6 | 19.2 | 9 18 | 2 19.71 | +10 48.3 | 4.256 | 5.057 | 7.5 | 20.9 |
| 9 28 | 2 25.44 | +16 53.8 | 1.130 | 2.037 | 16.2 | 19.0 | 9 28 | 2 16.62 | +10 11.0 | 4.174 | 5.064 | 5.8 | 20.8 |
| 10 8 | 2 19.66 | +15 46.1 | 1.089 | 2.047 | 11.0 | 18.7 | 10 8 | 2 12.64 | +9 29.5 | 4.118 | 5.071 | 3.8 | 20.7 |
| 10 18 | 2 11.55 | +14 20.7 | 1.070 | 2.057 | 5.2 | 18.4 | 10 18 | 2 8.03 | +8 45.6 | 4.091 | 5.077 | 1.8 | 20.5 |
| 10 28 | 2 2.46 | +12 46.4 | 1.076 | 2.069 | 0.9 | 18.2 | 10 28 | 2 3.16 | +8 1.6 | 4.094 | 5.084 | 1.0 | 20.5 |
| 11 7 | 1 53.97 | +11 14.7 | 1.106 | 2.081 | 6.8 | 18.6 | 11 7 | 1 58.40 | +7 19.9 | 4.129 | 5.091 | 2.9 | 20.6 |
| 11 17 | 1 47.39 | +9 56.3 | 1.161 | 2.093 | 12.1 | 19.0 | 11 17 | 1 54.11 | +6 43.0 | 4.193 | 5.098 | 4.9 | 20.8 |
| 11 27 | 1 43.63 | +8 58.9 | 1.237 | 2.106 | 16.6 | 19.3 | 11 27 | 1 50.61 | +6 12.6 | 4.285 | 5.105 | 6.7 | 20.9 |
| 56083 | 1999 <i>AQ</i> ₁₆ | 10 26.4 115°24 | 0°5/26.1 18 | | | | 331651 | 2002 <i>PX</i> ₂ | 10 26.5 0°19 | 3°4/29.1 18 | | | |
| 9 18 | 2 32.53 | +14 16.6 | 1.816 | 2.624 | 15.7 | 19.8 | 9 18 | 2 18.62 | +24 36.0 | 0.986 | 1.831 | 23.3 | 19.7 |
| 9 28 | 2 27.75 | +13 43.7 | 1.748 | 2.639 | 12.3 | 19.7 | 9 28 | 2 18.94 | +24 6.8 | 0.921 | 1.826 | 19.1 | 19.4 |
| 10 8 | 2 20.63 | +12 58.7 | 1.702 | 2.654 | 8.2 | 19.4 | 10 8 | 2 15.82 | +23 2.7 | 0.872 | 1.824 | 13.9 | 19.1 |
| 10 18 | 2 11.86 | +12 4.8 | 1.681 | 2.668 | 3.8 | 19.2 | 10 18 | 2 9.97 | +21 24.7 | 0.842 | 1.823 | 8.1 | 18.8 |
| 10 28 | 2 2.41 | +11 7.0 | 1.689 | 2.681 | 1.0 | 19.0 | 10 28 | 2 2.81 | +19 20.6 | 0.833 | 1.824 | 3.5 | 18.5 |
| 11 7 | 1 53.38 | +10 11.6 | 1.725 | 2.695 | 5.4 | 19.4 | 11 7 | 1 56.11 | +17 5.3 | 0.847 | 1.827 | 6.9 | 18.8 |
| 11 17 | 1 45.76 | +9 24.6 | 1.788 | 2.707 | 9.5 | 19.7 | 11 17 | 1 51.42 | +14 56.3 | 0.883 | 1.832 | 12.6 | 19.1 |
| 11 27 | 1 40.26 | +8 50.6 | 1.877 | 2.720 | 13.1 | 19.9 | 11 27 | 1 49.79 | +13 8.6 | 0.940 | 1.839 | 17.8 | 19.4 |
| 136037 | 2002 <i>VG</i> ₁₂₉ | 10 26.4 49°83 | 0°2/26.6 18 | | | | 83180 | 2001 <i>QY</i> ₂₈₇ | 10 26.5 192°39 | 1°6/27.9 18 | | | |
| 9 18 | 2 28.43 | +15 43.8 | 1.860 | 2.671 | 15.3 | 20.0 | 9 18 | 2 29.27 | +19 18.5 | 2.018 | 2.810 | 14.9 | 19.9 |
| 9 28 | 2 24.67 | +15 17.6 | 1.783 | 2.674 | 12.0 | 19.8 | 9 28 | 2 25.27 | +19 8.5 | 1.932 | 2.810 | 11.9 | 19.7 |
| 10 8 | 2 18.66 | +14 38.5 | 1.727 | 2.678 | 8.2 | 19.6 | 10 8 | 2 19.07 | +18 44.7 | 1.868 | 2.809 | 8.4 | 19.5 |
| 10 18 | 2 10.99 | +13 48.8 | 1.695 | 2.681 | 3.9 | 19.3 | 10 18 | 2 11.22 | +18 7.7 | 1.829 | 2.809 | 4.5 | 19.2 |
| 10 28 | 2 2.56 | +12 53.1 | 1.692 | 2.685 | 0.7 | 19.1 | 10 28 | 2 2.59 | +17 20.6 | 1.818 | 2.809 | 1.6 | 19.0 |
| 11 7 | 1 54.43 | +11 57.4 | 1.717 | 2.689 | 5.1 | 19.4 | 11 7 | 1 54.18 | +16 28.4 | 1.835 | 2.809 | 4.6 | 19.3 |
| 11 17 | 1 47.54 | +11 7.8 | 1.769 | 2.693 | 9.2 | 19.7 | 11 17 | 1 46.94 | +15 37.0 | 1.880 | 2.808 | 8.5 | 19.5 |
| 11 27 | 1 42.66 | +10 29.5 | 1.845 | 2.697 | 12.8 | 19.9 | 11 27 | 1 41.63 | +14 52.3 | 1.951 | 2.808 | 12.0 | 19.7 |
| 327595 | 2006 <i>DK</i> ₁₉₄ | 10 26.4 39°33 | 3°8/29.8 17 | | | | 187788 | 1998 <i>SA</i> ₁₆₉ | 10 26.5 44°92 | 4°6/23.3 18 | | | |
| 9 18 | 2 29.61 | +24 40.1 | 2.195 | 2.959 | 14.7 | 21.5 | 9 18 | 2 28.95 | + 6 42.0 | 1.268 | 2.121 | 18.6 | 19.4 |
| 9 28 | 2 25.44 | +25 0.2 | 2.111 | 2.963 | 12.1 | 21.3 | 9 28 | 2 25.75 | + 5 27.9 | 1.216 | 2.134 | 14.4 | 19.2 |
| 10 8 | 2 19.13 | +25 5.5 | 2.047 | 2.968 | 9.1 | 21.1 | 10 8 | 2 19.66 | + 4 5.0 | 1.184 | 2.147 | 9.7 | 19.0 |
| 10 18 | 2 11.21 | +24 55.2 | 2.008 | 2.972 | 5.9 | 20.9 | 10 18 | 2 11.51 | + 2 41.7 | 1.176 | 2.160 | 5.5 | 18.8 |
| 10 28 | 2 2.52 | +24 30.0 | 1.997 | 2.977 | 3.8 | 20.8 | 10 28 | 2 2.56 | + 1 28.1 | 1.192 | 2.174 | 5.3 | 18.8 |
| 11 7 | 1 54.04 | +23 53.5 | 2.013 | 2.981 | 4.9 | 20.9 | 11 7 | 1 54.21 | + 0 33.2 | 1.234 | 2.189 | 9.2 | 19.1 |
| 11 17 | 1 46.69 | +23 10.6 | 2.058 | 2.986 | 7.9 | 21.1 | 11 17 | 1 47.62 | + 0 2.1 | 1.299 | 2.204 | 13.5 | 19.4 |
| 11 27 | 1 41.21 | +22 27.4 | 2.128 | 2.991 | 10.9 | 21.3 | 11 27 | 1 43.62 | + 0 3.3 | 1. | | | |

EPHEMERIDES

10 26.5

10 26.5

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|--------------|-------|---------|------|
| 22145 | 2000 <i>WJ</i> ₁₇ | 10 26.5 275°31 | 4°3/24.1 18 | | | | 166230 | 2002 <i>FB</i> ₁₇ | 10 26.5 28°94 | 0°6/27.3 18 | | | |
| 9 18 | 2 35.19 | + 3 51.7 | 1.503 | 2.337 | 17.2 | 18.5 | 9 18 | 2 21.41 | +16 32.9 | 4.018 | 4.799 | 8.3 | 19.9 |
| 9 28 | 2 30.78 | + 3 28.4 | 1.413 | 2.318 | 13.6 | 18.3 | 9 28 | 2 18.04 | +16 23.9 | 3.930 | 4.803 | 6.5 | 19.8 |
| 10 8 | 2 23.35 | + 3 1.2 | 1.343 | 2.299 | 9.5 | 18.0 | 10 8 | 2 13.65 | +16 8.8 | 3.866 | 4.807 | 4.4 | 19.6 |
| 10 18 | 2 13.44 | + 2 35.0 | 1.297 | 2.280 | 5.4 | 17.7 | 10 18 | 2 8.55 | +15 48.6 | 3.829 | 4.811 | 2.2 | 19.5 |
| 10 28 | 2 2.16 | + 2 16.2 | 1.277 | 2.260 | 4.8 | 17.6 | 10 28 | 2 3.12 | +15 24.9 | 3.823 | 4.816 | 0.6 | 19.3 |
| 11 7 | 1 50.95 | + 2 10.7 | 1.284 | 2.240 | 8.7 | 17.8 | 11 7 | 1 57.79 | +14 59.9 | 3.848 | 4.820 | 2.5 | 19.5 |
| 11 17 | 1 41.19 | + 2 22.5 | 1.316 | 2.221 | 13.4 | 18.0 | 11 17 | 1 52.98 | +14 35.6 | 3.902 | 4.824 | 4.7 | 19.7 |
| 11 27 | 1 34.05 | + 2 53.5 | 1.369 | 2.201 | 17.6 | 18.2 | 11 27 | 1 49.03 | +14 14.4 | 3.984 | 4.829 | 6.7 | 19.8 |
| 480626 | 2015 <i>NX</i> ₁ | 10 26.5 92°48 | 1°0/25.5 16 | | | | 343635 | 2010 <i>JC</i> ₄ | 10 26.5 279°55 | 5°3/21.7 18 | | | |
| 9 18 | 2 28.50 | +15 31.2 | 1.751 | 2.566 | 15.9 | 21.0 | 9 18 | 2 27.27 | + 4 44.5 | 1.670 | 2.511 | 15.4 | 20.8 |
| 9 28 | 2 24.74 | +14 17.5 | 1.682 | 2.577 | 12.4 | 20.8 | 9 28 | 2 24.14 | + 3 9.5 | 1.584 | 2.494 | 12.1 | 20.5 |
| 10 8 | 2 18.68 | +12 47.9 | 1.634 | 2.588 | 8.2 | 20.6 | 10 8 | 2 18.57 | + 1 24.5 | 1.520 | 2.478 | 8.4 | 20.3 |
| 10 18 | 2 11.00 | +11 7.3 | 1.611 | 2.599 | 3.7 | 20.4 | 10 18 | 2 11.10 | + 0 22.8 | 1.482 | 2.461 | 5.6 | 20.1 |
| 10 28 | 2 2.65 | + 9 23.5 | 1.617 | 2.609 | 1.6 | 20.2 | 10 28 | 2 2.65 | + 2 2.3 | 1.471 | 2.444 | 6.1 | 20.1 |
| 11 7 | 1 54.72 | + 7 45.5 | 1.652 | 2.620 | 5.9 | 20.5 | 11 7 | 1 54.36 | + 3 24.5 | 1.487 | 2.427 | 9.5 | 20.2 |
| 11 17 | 1 48.15 | + 6 21.1 | 1.714 | 2.630 | 10.1 | 20.8 | 11 17 | 1 47.31 | + 4 22.3 | 1.528 | 2.410 | 13.4 | 20.4 |
| 11 27 | 1 43.64 | + 5 16.0 | 1.801 | 2.640 | 13.7 | 21.1 | 11 27 | 1 42.37 | + 4 52.5 | 1.590 | 2.393 | 16.9 | 20.6 |
| 164283 | 2004 <i>XU</i> ₇₄ | 10 26.5 287°72 | 3°7/29.3 18 | | | | 454655 | 2014 <i>QW</i> ₃₀₃ | 10 26.5 256°43 | 4°4/21.9 18 | | | |
| 9 18 | 2 30.30 | +23 45.3 | 1.750 | 2.533 | 17.2 | 19.8 | 9 18 | 2 26.14 | + 1 34.2 | 2.328 | 3.156 | 12.1 | 21.8 |
| 9 28 | 2 26.63 | +23 52.7 | 1.660 | 2.527 | 14.1 | 19.6 | 9 28 | 2 22.42 | + 0 30.0 | 2.247 | 3.149 | 9.4 | 21.6 |
| 10 8 | 2 20.31 | +23 41.7 | 1.590 | 2.521 | 10.4 | 19.4 | 10 8 | 2 16.95 | + 0 37.0 | 2.191 | 3.142 | 6.7 | 21.4 |
| 10 18 | 2 11.92 | +23 11.4 | 1.544 | 2.515 | 6.5 | 19.1 | 10 18 | 2 10.19 | + 1 41.5 | 2.161 | 3.135 | 4.7 | 21.3 |
| 10 28 | 2 2.46 | +22 23.2 | 1.523 | 2.508 | 3.7 | 19.0 | 10 28 | 2 2.83 | + 2 37.9 | 2.160 | 3.127 | 5.0 | 21.3 |
| 11 7 | 1 53.19 | +21 22.6 | 1.530 | 2.502 | 5.6 | 19.1 | 11 7 | 1 55.65 | + 3 21.1 | 2.187 | 3.120 | 7.3 | 21.4 |
| 11 17 | 1 45.30 | +20 16.9 | 1.563 | 2.496 | 9.5 | 19.3 | 11 17 | 1 49.37 | + 3 47.7 | 2.240 | 3.112 | 10.1 | 21.6 |
| 11 27 | 1 39.73 | +19 14.7 | 1.621 | 2.490 | 13.4 | 19.5 | 11 27 | 1 44.61 | + 3 56.1 | 2.318 | 3.105 | 12.7 | 21.7 |
| 92277 | 2000 <i>CT</i> ₁₀₈ | 10 26.5 346°86 | 7°6/2.9 17 | | | | 352178 | 2007 <i>RN</i> ₁₂₅ | 10 26.5 321°96 | 0°4/26.8 16 | | | |
| 9 18 | 2 25.42 | +35 39.5 | 1.854 | 2.582 | 18.2 | 18.4 | 9 18 | 2 26.53 | +15 55.7 | 1.507 | 2.335 | 17.5 | 21.5 |
| 9 28 | 2 22.98 | +35 57.2 | 1.762 | 2.574 | 15.8 | 18.2 | 9 28 | 2 24.03 | +15 39.6 | 1.416 | 2.317 | 13.9 | 21.3 |
| 10 8 | 2 17.91 | +35 49.5 | 1.688 | 2.567 | 13.1 | 18.0 | 10 8 | 2 18.78 | +15 7.8 | 1.345 | 2.300 | 9.6 | 21.0 |
| 10 18 | 2 10.80 | +35 13.0 | 1.633 | 2.561 | 10.2 | 17.9 | 10 18 | 2 11.30 | +14 21.9 | 1.296 | 2.283 | 4.7 | 20.7 |
| 10 28 | 2 2.67 | +34 7.1 | 1.603 | 2.555 | 8.0 | 17.7 | 10 28 | 2 2.61 | +13 26.5 | 1.273 | 2.266 | 0.8 | 20.3 |
| 11 7 | 1 54.76 | +32 36.3 | 1.598 | 2.551 | 7.8 | 17.7 | 11 7 | 1 54.02 | +12 28.9 | 1.276 | 2.251 | 6.1 | 20.7 |
| 11 17 | 1 48.26 | +30 48.7 | 1.620 | 2.547 | 9.7 | 17.8 | 11 17 | 1 46.80 | +11 36.8 | 1.305 | 2.236 | 11.1 | 20.9 |
| 11 27 | 1 44.08 | +28 55.5 | 1.666 | 2.543 | 12.6 | 18.0 | 11 27 | 1 42.01 | +10 57.7 | 1.355 | 2.222 | 15.6 | 21.1 |
| 487143 | 2014 <i>OR</i> ₂₀₉ | 10 26.5 107°30 | 0°9/27.3 18 | | | | 165596 | 2001 <i>FA</i> ₄₁ | 10 26.5 279°87 | 2°2/28.0 18 | | | |
| 9 18 | 2 29.56 | +17 9.7 | 2.257 | 3.048 | 13.6 | 21.8 | 9 18 | 2 31.45 | +19 10.0 | 1.838 | 2.633 | 16.1 | 20.2 |
| 9 28 | 2 25.13 | +16 59.0 | 2.179 | 3.058 | 10.7 | 21.6 | 9 28 | 2 27.44 | +19 20.9 | 1.741 | 2.619 | 13.0 | 20.0 |
| 10 8 | 2 18.77 | +16 37.4 | 2.124 | 3.067 | 7.4 | 21.4 | 10 8 | 2 20.86 | +19 18.1 | 1.663 | 2.604 | 9.3 | 19.7 |
| 10 18 | 2 11.02 | +16 6.0 | 2.094 | 3.077 | 3.7 | 21.2 | 10 18 | 2 12.22 | +19 1.4 | 1.610 | 2.589 | 5.2 | 19.4 |
| 10 28 | 2 2.65 | +15 27.9 | 2.093 | 3.086 | 0.9 | 21.0 | 10 28 | 2 2.45 | +18 32.5 | 1.584 | 2.575 | 2.2 | 19.2 |
| 11 7 | 1 54.55 | +14 47.3 | 2.122 | 3.095 | 4.2 | 21.3 | 11 7 | 1 52.73 | +17 55.5 | 1.586 | 2.560 | 5.2 | 19.4 |
| 11 17 | 1 47.52 | +14 8.8 | 2.179 | 3.103 | 7.7 | 21.5 | 11 17 | 1 44.24 | +17 16.3 | 1.615 | 2.545 | 9.5 | 19.6 |
| 11 27 | 1 42.22 | +13 36.9 | 2.262 | 3.112 | 10.8 | 21.7 | 11 27 | 1 37.96 | +16 41.6 | 1.669 | 2.530 | 13.4 | 19.8 |
| 488068 | 2015 <i>UJ</i> ₇₈ | 10 26.5 324°73 | 6°9/21.0 18 | | | | 51396 | 2001 <i>DW</i> ₇₁ | 10 26.5 165°02 | 3°7/29.1 18 | | | |
| 9 18 | 2 28.64 | + 4 41.2 | 1.892 | 2.727 | 14.1 | 20.9 | 9 18 | 2 35.15 | +22 57.9 | 1.718 | 2.497 | 17.6 | 19.7 |
| 9 28 | 2 24.78 | + 5 34.0 | 1.819 | 2.718 | 11.4 | 20.7 | 9 28 | 2 30.39 | +23 14.2 | 1.636 | 2.500 | 14.4 | 19.5 |
| 10 8 | 2 18.73 | + 6 23.9 | 1.768 | 2.710 | 8.7 | 20.5 | 10 8 | 2 22.83 | +23 13.2 | 1.573 | 2.503 | 10.6 | 19.2 |
| 10 18 | 2 11.06 | + 7 4.4 | 1.742 | 2.702 | 7.0 | 20.4 | 10 18 | 2 13.10 | +22 53.4 | 1.534 | 2.505 | 6.5 | 19.0 |
| 10 28 | 2 2.64 | + 7 29.0 | 1.742 | 2.694 | 7.5 | 20.4 | 10 28 | 2 2.32 | +22 16.4 | 1.522 | 2.507 | 3.7 | 18.9 |
| 11 7 | 1 54.45 | + 7 33.2 | 1.768 | 2.687 | 9.8 | 20.5 | 11 7 | 1 51.82 | +21 27.0 | 1.537 | 2.509 | 5.7 | 19.0 |
| 11 17 | 1 47.42 | + 7 15.3 | 1.819 | 2.680 | 12.6 | 20.7 | 11 17 | 1 42.85 | +20 32.3 | 1.580 | 2.510 | 9.7 | 19.2 |
| 11 27 | 1 42.31 | + 6 35.7 | 1.891 | 2.673 | 15.4 | 20.9 | 11 27 | 1 36.37 | +19 40.6 | 1.647 | 2.511 | 13.5 | 19.5 |
| 424574 | 2008 <i>GM</i> ₃ | 10 26.5 153°89 | 0°4/26.8 16 | | | | 37910 | 1998 <i>FS</i> ₈₄ | 10 26.5 41°66 | 11°2/18.8 18 | | | |
| 9 18 | 2 37.49 | +14 3.2 | 1.849 | 2.646 | 15.9 | 21.7 | 9 18 | 2 29.77 | +10 18.3 | 1.374 | 2.222 | 17.7 | 17.6 |
| 9 28 | 2 31.77 | +14 12.2 | 1.770 | 2.653 | 12.5 | 21.5 | 9 28 | 2 26.10 | +11 59.7 | 1.337 | 2.236 | 14.8 | 17.5 |
| 10 8 | 2 23.51 | +14 11.6 | 1.713 | 2.660 | 8.6 | 21.3 | 10 8 | 2 19.74 | +13 30.0 | 1.322 | 2.250 | 12.3 | 17.4 |
| 10 18 | 2 13.32 | +14 2.4 | 1.681 | 2.666 | 4.1 | 21.0 | 10 18 | 2 11.52 | +14 38.3 | 1.328 | 2.265 | 11.2 | 17.4 |
| 10 28 | 2 2.24 | +13 47.0 | 1.678 | 2.671 | 0.7 | 20.8 | 10 28 | 2 2.64 | +15 15.4 | 1.358 | 2.281 | 12.0 | 17.5 |
| 11 7 | 1 51.47 | +13 29.4 | 1.704 | 2.676 | 5.2 | 21.1 | 11 7 | 1 54.41 | +15 17.5 | 1.410 | 2.297 | 14.1 | 17.7 |
| 11 17 | 1 42.12 | +13 14.1 | 1.758 | 2.680 | 9.5 | 21.4 | 11 17 | 1 47.88 | +14 45.5 | 1.482 | 2.314 | 16.6 | 17.9 |
| 11 27 | 1 35.05 | +13 5.6 | 1.838 | 2.684 | 13.1 | 21.6 | 11 27 | 1 43.78 | +13 43.9 | 1.574 | 2.330 | 19.0 | 18.1 |
| 279484 | 2010 <i>WJ</i> ₂₉ | 10 26.5 74°06 | 0°9/25.6 18 | | | | 448803 | 2011 <i>SU</i> ₂₇₃ | 10 26.5 25°03 | 3°9/23.9 15 | | | |
| 9 18 | 2 26.70 | +13 45.8 | 2.097 | 2.909 | 13.8 | 20.4 | 9 18 | 2 28.84 | + 5 26.5 | 1.481 | 2.326 | 16.9 | 20.8 |
| 9 28 | 2 23.01 | +12 57.0 | 2.023 | 2.917 | 10.7 | 20.2 | 9 28 | 2 25.39 | + 4 48.0 | 1.421 | 2.333 | 13.1 | 20.6 |
| 10 8 | 2 17.38 | +11 57.1 | 1.971 | 2.925 | 7.1 | 20.0 | 10 8 | 2 19.34 | + 4 4.2 | 1.381 | 2.341 | 8.8 | 20.3 |
| 10 18 | 2 10.38 | +10 49.5 | 1.945 | 2.932 | 3.2 | 19.8 | 10 18 | 2 11.40 | + 3 20.7 | 1.365 | 2.350 | 4.9 | 20.1 |
| 10 28 | 2 2.79 | + 9 39.5 | 1.948 | 2.940 | 1.3 | 19.7 | 10 28 | 2 2.66 | + 2 44.4 | 1.375 | 2.359 | 4.4 | 20.1 |
| 11 7 | 1 55.49 | + 8 33.2 | 1.980 | 2.948 | 5.1 | 20.0 | 11 7 | 1 54.36 | + 2 21.2 | 1.411 | 2.369 | 8.0 | 20.4 |
| 11 17 | 1 49.28 | + 7 36.2 | 2.041 | 2.956 | 8.7 | 20.2 | 11 17 | 1 47.59 | + 2 15.0 | 1.472 | 2.380 | 12.0 | 20.6 |
| 11 27 | 1 44.79 | + 6 52.7 | 2.126 | 2.964 | 11.9 | 20.4 | 11 27 | 1 43.13 | + 2 27.5 | 1.555 | 2.391 | 15.6 | 20.9 |
| 320576 | 2008 <i>AA</i> ₁₁₂ | 10 26.5 224°37 | 4°3/23.4 17 | | | | 480477 | 2015 <i>LB</i> ₂₂ | 10 26.5 79°93 | 8°6/20.8 18 | | | |
| 9 18 | 2 31.98 | + 5 19.9 | 1.575 | 2.410 | 16.5 | 21.0 | 9 18 | 2 33.64 | + 8 6.2 | 1.669 | 2.499 | 15.9 | 20.2 |
| 9 28 | 2 27.05 | + 4 25.2 | 1.499 | 2.406 | 12.9 | 20.7 | 9 28 | 2 28.72 | + 9 6.2 | 1.616 | 2.509 | 13.0 | 20.0 |
| 10 8 | 2 21.06 | + 3 23.4 | 1.444 | 2.401 | 8.8 | 20.5 | 10 8 | 2 21.35 | + 9 58.8 | 1.586 | 2.518 | 10.3 | 19.9 |
| 10 18 | 2 12.24 | + 2 20.8 | 1.414 | 2.397 | 5.1 | 20.3 | 10 18 | 2 12.26 | +10 36.3 | 1.579 | 2.528 | 8.7 | 19.8 |
| 10 28 | 2 2.44 | + 1 24.9 | 1.410 | 2.391 | 4.9 | 20.3 | 10 28 | 2 2.51 | +10 51.8 | 1.598 | 2.538 | 9.2 | 19.9 |
| 11 7 | 1 52.93 | + 0 43.2 | 1.433 | 2.386 | 8.5 | 20.5 | 11 7 | 1 53.27 | +10 41.7 | 1.642 | 2.547 | 11.3 | 20.0 |
| 11 17 | 1 44.88 | + 0 20.8 | 1.482 | 2.380 | 12.6 | 20.7 | 11 17 | 1 45.54 | +10 6.1 | 1.710 | 2.557 | 14.0 | 20.2 |
| 11 27 | 1 39.18 | + 0 19.9 | 1.552 | 2.374 | 16 | | | | | | | | |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 253636 | 2003 <i>UR</i> ₁₀₇ | 10 26.5 | 58°28 | 0°4/26.8 | 15 | | 476803 | 2008 <i>UJ</i> ₁₆₉ | 10 26.5 | 359°62 | 2°4/25.1 | 16 | |
| 9 18 | 2 31.75 | +16 34.7 | 1.278 | 2.107 | 19.9 | 20.7 | 9 18 | 2 25.85 | +9 17.6 | 1.152 | 2.013 | 19.6 | 21.5 |
| 9 28 | 2 28.15 | +16 10.3 | 1.219 | 2.119 | 15.7 | 20.5 | 9 28 | 2 23.95 | +8 58.3 | 1.088 | 2.009 | 15.3 | 21.2 |
| 10 8 | 2 21.45 | +15 27.9 | 1.177 | 2.132 | 10.7 | 20.3 | 10 8 | 2 18.90 | +8 28.6 | 1.042 | 2.007 | 10.3 | 21.0 |
| 10 18 | 2 12.44 | +14 30.5 | 1.158 | 2.145 | 5.1 | 20.0 | 10 18 | 2 11.40 | +7 53.2 | 1.017 | 2.006 | 4.9 | 20.7 |
| 10 28 | 2 2.48 | +13 24.6 | 1.164 | 2.158 | 0.8 | 19.7 | 10 28 | 2 2.72 | +7 19.2 | 1.016 | 2.006 | 3.0 | 20.6 |
| 11 7 | 1 53.11 | +12 19.1 | 1.196 | 2.171 | 6.4 | 20.2 | 11 7 | 1 54.42 | +6 54.1 | 1.038 | 2.008 | 8.0 | 20.9 |
| 11 17 | 1 45.63 | +11 22.8 | 1.253 | 2.184 | 11.5 | 20.5 | 11 17 | 1 47.91 | +6 43.9 | 1.083 | 2.012 | 13.2 | 21.2 |
| 11 27 | 1 40.95 | +10 42.5 | 1.332 | 2.198 | 15.9 | 20.8 | 11 27 | 1 44.22 | +6 52.3 | 1.148 | 2.017 | 17.7 | 21.4 |
| 73900 | 1997 <i>FD</i> | 10 26.5 | 178°28 | 2°6/24.4 | 18 | | 385667 | 2005 <i>ST</i> ₁₁₃ | 10 26.5 | 6°32 | 0°2/26.6 | 18 | |
| 9 18 | 2 32.11 | +9 4.6 | 1.848 | 2.668 | 15.1 | 20.4 | 9 18 | 2 25.23 | +14 55.4 | 1.062 | 1.919 | 21.2 | 20.3 |
| 9 28 | 2 27.51 | +8 12.0 | 1.771 | 2.669 | 11.7 | 20.2 | 9 28 | 2 23.74 | +14 47.0 | 1.001 | 1.919 | 16.7 | 20.0 |
| 10 8 | 2 20.60 | +7 10.3 | 1.715 | 2.671 | 7.8 | 20.0 | 10 8 | 2 18.89 | +14 20.9 | 0.958 | 1.920 | 11.4 | 19.7 |
| 10 18 | 2 11.98 | +6 4.0 | 1.686 | 2.671 | 3.9 | 19.7 | 10 18 | 2 11.42 | +13 40.1 | 0.935 | 1.923 | 5.4 | 19.4 |
| 10 28 | 2 2.57 | +4 59.7 | 1.684 | 2.671 | 3.1 | 19.7 | 10 28 | 2 2.72 | +12 50.9 | 0.934 | 1.928 | 0.9 | 19.1 |
| 11 7 | 1 53.46 | +4 4.0 | 1.712 | 2.671 | 6.7 | 19.9 | 11 7 | 1 54.48 | +12 2.4 | 0.957 | 1.934 | 7.1 | 19.6 |
| 11 17 | 1 45.63 | +3 22.3 | 1.767 | 2.670 | 10.6 | 20.1 | 11 17 | 1 48.21 | +11 23.4 | 1.002 | 1.942 | 12.7 | 19.9 |
| 11 27 | 1 39.87 | +2 58.1 | 1.845 | 2.668 | 14.1 | 20.4 | 11 27 | 1 44.94 | +11 0.9 | 1.068 | 1.951 | 17.6 | 20.2 |
| 33400 | Laurapiereson | 10 26.5 | 35°44 | 2°6/24.6 | 18 | | 174056 | 2002 <i>CW</i> ₁₀₄ | 10 26.5 | 167°31 | 2°8/28.2 | 18 | |
| 9 18 | 2 30.68 | +6 45.5 | 1.821 | 2.648 | 15.0 | 18.6 | 9 18 | 2 36.59 | +19 37.7 | 1.552 | 2.348 | 18.5 | 20.4 |
| 9 28 | 2 26.41 | +6 24.4 | 1.749 | 2.651 | 11.6 | 18.4 | 9 28 | 2 31.80 | +20 0.2 | 1.473 | 2.350 | 14.9 | 20.1 |
| 10 8 | 2 19.86 | +5 58.3 | 1.698 | 2.655 | 7.8 | 18.2 | 10 8 | 2 23.96 | +20 7.4 | 1.413 | 2.352 | 10.7 | 19.9 |
| 10 18 | 2 11.63 | +5 30.8 | 1.673 | 2.659 | 4.0 | 18.0 | 10 18 | 2 13.72 | +19 58.3 | 1.376 | 2.354 | 6.1 | 19.6 |
| 10 28 | 2 2.63 | +5 6.7 | 1.676 | 2.663 | 3.0 | 18.0 | 10 28 | 2 2.30 | +19 34.2 | 1.365 | 2.355 | 2.8 | 19.4 |
| 11 7 | 1 53.95 | +4 50.6 | 1.706 | 2.667 | 6.5 | 18.2 | 11 7 | 1 51.16 | +19 0.0 | 1.382 | 2.356 | 5.9 | 19.6 |
| 11 17 | 1 46.54 | +4 46.0 | 1.763 | 2.671 | 10.3 | 18.4 | 11 17 | 1 41.69 | +18 22.5 | 1.426 | 2.356 | 10.4 | 19.9 |
| 11 27 | 1 41.17 | +4 55.2 | 1.844 | 2.676 | 13.7 | 18.7 | 11 27 | 1 34.93 | +17 49.3 | 1.493 | 2.357 | 14.6 | 20.2 |
| 115613 | 2003 <i>UW</i> ₁₀₇ | 10 26.5 | 315°48 | 0°0/26.5 | 17 | | 485186 | 2010 <i>TR</i> ₂₉ | 10 26.5 | 6°02 | 0°8/25.8 | 17 | |
| 9 18 | 2 26.09 | +14 45.0 | 2.037 | 2.849 | 14.1 | 20.3 | 9 18 | 2 26.42 | +14 8.0 | 1.871 | 2.690 | 14.9 | 21.6 |
| 9 28 | 2 22.90 | +14 26.2 | 1.938 | 2.831 | 11.2 | 20.1 | 9 28 | 2 23.14 | +13 24.4 | 1.792 | 2.690 | 11.7 | 21.4 |
| 10 8 | 2 17.59 | +13 56.1 | 1.861 | 2.813 | 7.6 | 19.8 | 10 8 | 2 17.70 | +12 28.2 | 1.735 | 2.690 | 7.8 | 21.2 |
| 10 18 | 2 10.63 | +13 16.6 | 1.809 | 2.795 | 3.6 | 19.6 | 10 18 | 2 10.65 | +11 22.6 | 1.703 | 2.691 | 3.6 | 20.9 |
| 10 28 | 2 2.80 | +12 31.1 | 1.785 | 2.778 | 0.7 | 19.3 | 10 28 | 2 2.87 | +10 13.4 | 1.699 | 2.692 | 1.2 | 20.8 |
| 11 7 | 1 55.05 | +11 45.0 | 1.789 | 2.761 | 4.9 | 19.6 | 11 7 | 1 55.35 | +9 7.2 | 1.723 | 2.693 | 5.4 | 21.1 |
| 11 17 | 1 48.30 | +11 3.6 | 1.820 | 2.745 | 9.0 | 19.8 | 11 17 | 1 49.01 | +8 10.4 | 1.775 | 2.695 | 9.5 | 21.3 |
| 11 27 | 1 43.35 | +10 31.9 | 1.877 | 2.729 | 12.6 | 20.0 | 11 27 | 1 44.59 | +7 27.9 | 1.850 | 2.696 | 13.0 | 21.6 |
| 315205 | 2007 <i>QO</i> ₁₅ | 10 26.5 | 259°49 | 1°6/23.6 | 18 | | 501559 | 2014 <i>MO</i> ₁₈ | 10 26.5 | 291°56 | 21°8/6.4 | 17 | |
| 9 18 | 2 19.77 | +5 25.8 | 4.449 | 5.259 | 7.0 | 21.0 | 9 18 | 2 33.72 | -29 25.0 | 1.125 | 1.938 | 23.1 | 20.6 |
| 9 28 | 2 16.66 | +4 54.6 | 4.363 | 5.257 | 5.4 | 20.8 | 9 28 | 2 30.48 | -32 22.7 | 1.099 | 1.931 | 22.1 | 20.5 |
| 10 8 | 2 12.70 | +4 21.4 | 4.303 | 5.256 | 3.6 | 20.7 | 10 8 | 2 23.43 | -34 47.2 | 1.089 | 1.924 | 21.8 | 20.5 |
| 10 18 | 2 8.12 | +3 48.1 | 4.272 | 5.254 | 2.0 | 20.6 | 10 18 | 2 13.50 | -36 21.5 | 1.094 | 1.917 | 22.3 | 20.5 |
| 10 28 | 2 3.27 | +3 16.8 | 4.271 | 5.252 | 1.9 | 20.6 | 10 28 | 2 2.37 | -36 54.1 | 1.114 | 1.911 | 23.5 | 20.5 |
| 11 7 | 1 58.51 | +2 49.7 | 4.300 | 5.250 | 3.4 | 20.7 | 11 7 | 1 51.98 | -36 22.7 | 1.148 | 1.904 | 25.0 | 20.7 |
| 11 17 | 1 54.17 | +2 28.6 | 4.359 | 5.248 | 5.2 | 20.8 | 11 17 | 1 43.93 | -34 53.1 | 1.193 | 1.898 | 26.7 | 20.8 |
| 11 27 | 1 50.57 | +2 14.9 | 4.445 | 5.247 | 6.8 | 20.9 | 11 27 | 1 39.26 | -32 35.7 | 1.249 | 1.891 | 28.2 | 20.9 |
| 212240 | 2005 <i>JW</i> ₄₂ | 10 26.5 | 84°65 | 1°0/25.6 | 18 | | 296412 | 2009 <i>HA</i> ₁ | 10 26.5 | 89°09 | 0°6/26.2 | 18 | |
| 9 18 | 2 29.15 | +13 29.7 | 1.931 | 2.744 | 14.8 | 20.3 | 9 18 | 2 37.19 | +11 50.7 | 1.396 | 2.219 | 18.8 | 20.2 |
| 9 28 | 2 24.99 | +12 41.2 | 1.866 | 2.760 | 11.4 | 20.2 | 9 28 | 2 32.19 | +11 54.0 | 1.332 | 2.231 | 14.8 | 20.0 |
| 10 8 | 2 18.75 | +11 41.4 | 1.823 | 2.777 | 7.6 | 20.0 | 10 8 | 2 24.10 | +11 47.3 | 1.287 | 2.242 | 10.0 | 19.7 |
| 10 18 | 2 11.04 | +10 34.3 | 1.806 | 2.794 | 3.4 | 19.7 | 10 18 | 2 13.72 | +11 32.7 | 1.266 | 2.253 | 4.6 | 19.5 |
| 10 28 | 2 2.76 | +9 25.4 | 1.818 | 2.810 | 1.4 | 19.6 | 10 28 | 2 2.34 | +11 14.0 | 1.272 | 2.265 | 1.1 | 19.3 |
| 11 7 | 1 54.88 | +8 21.2 | 1.859 | 2.826 | 5.3 | 19.9 | 11 7 | 1 51.47 | +10 56.8 | 1.304 | 2.276 | 6.5 | 19.7 |
| 11 17 | 1 48.25 | +7 27.4 | 1.927 | 2.843 | 9.2 | 20.2 | 11 17 | 1 42.46 | +10 46.3 | 1.362 | 2.287 | 11.4 | 20.0 |
| 11 27 | 1 43.53 | +6 48.1 | 2.020 | 2.858 | 12.4 | 20.4 | 11 27 | 1 36.25 | +10 46.9 | 1.443 | 2.297 | 15.6 | 20.3 |
| 345004 | 2005 <i>CK</i> ₁ | 10 26.5 | 0°71 | 4°1/28.9 | 18 | | 89251 | 2001 <i>UK</i> ₁₇₄ | 10 26.5 | 125°39 | 0°8/25.8 | 18 | |
| 9 18 | 2 23.39 | +21 1.2 | 1.085 | 1.927 | 21.8 | 19.2 | 9 18 | 2 32.56 | +13 2.8 | 1.831 | 2.642 | 15.5 | 20.5 |
| 9 28 | 2 22.47 | +21 34.2 | 1.019 | 1.923 | 17.8 | 18.9 | 9 28 | 2 27.84 | +12 30.4 | 1.761 | 2.653 | 12.1 | 20.3 |
| 10 8 | 2 18.17 | +21 45.8 | 0.970 | 1.920 | 13.0 | 18.6 | 10 8 | 2 20.80 | +11 47.1 | 1.712 | 2.664 | 8.1 | 20.1 |
| 10 18 | 2 11.13 | +21 34.3 | 0.941 | 1.920 | 7.8 | 18.3 | 10 18 | 2 12.07 | +10 55.8 | 1.688 | 2.675 | 3.7 | 19.8 |
| 10 28 | 2 2.72 | +21 1.9 | 0.933 | 1.921 | 4.2 | 18.1 | 10 28 | 2 2.64 | +10 1.9 | 1.693 | 2.686 | 1.3 | 19.7 |
| 11 7 | 1 54.66 | +20 15.5 | 0.948 | 1.925 | 6.9 | 18.3 | 11 7 | 1 53.59 | +9 11.3 | 1.727 | 2.696 | 5.6 | 20.0 |
| 11 17 | 1 48.54 | +19 24.9 | 0.985 | 1.931 | 12.0 | 18.6 | 11 17 | 1 45.90 | +8 29.6 | 1.788 | 2.705 | 9.6 | 20.3 |
| 11 27 | 1 45.49 | +18 40.5 | 1.042 | 1.938 | 16.7 | 18.9 | 11 27 | 1 40.32 | +8 1.1 | 1.874 | 2.714 | 13.2 | 20.5 |
| 395508 | 2011 <i>UM</i> ₁₂₀ | 10 26.5 | 14°70 | 1°6/27.5 | 18 | | 454063 | 2012 <i>JY</i> ₆₀ | 10 26.5 | 179°38 | 2°6/24.1 | 18 | |
| 9 18 | 2 30.06 | +17 2.9 | 1.568 | 2.383 | 17.5 | 20.3 | 9 18 | 2 29.25 | +4 45.7 | 2.528 | 3.342 | 11.6 | 21.5 |
| 9 28 | 2 26.49 | +17 13.3 | 1.494 | 2.386 | 13.9 | 20.1 | 9 28 | 2 24.67 | +4 25.1 | 2.447 | 3.342 | 9.0 | 21.4 |
| 10 8 | 2 20.23 | +17 10.2 | 1.441 | 2.389 | 9.7 | 19.8 | 10 8 | 2 18.40 | +4 1.9 | 2.390 | 3.343 | 6.1 | 21.2 |
| 10 18 | 2 11.90 | +16 54.0 | 1.410 | 2.393 | 5.0 | 19.6 | 10 18 | 2 10.91 | +3 39.1 | 2.360 | 3.343 | 3.4 | 21.0 |
| 10 28 | 2 2.60 | +16 27.7 | 1.406 | 2.398 | 1.6 | 19.3 | 10 28 | 2 2.85 | +3 20.2 | 2.360 | 3.343 | 2.9 | 21.0 |
| 11 7 | 1 53.61 | +15 56.4 | 1.428 | 2.403 | 5.5 | 19.6 | 11 7 | 1 54.98 | +3 8.4 | 2.389 | 3.343 | 5.5 | 21.2 |
| 11 17 | 1 46.13 | +15 26.3 | 1.476 | 2.409 | 10.0 | 19.9 | 11 17 | 1 48.01 | +3 6.2 | 2.446 | 3.342 | 8.4 | 21.3 |
| 11 27 | 1 41.04 | +15 3.3 | 1.548 | 2.415 | 14.0 | 20.2 | 11 27 | 1 42.51 | +3 15.2 | 2.529 | 3.342 | 11.0 | 21.5 |
| 49336 | 1998 <i>VC</i> ₄₉ | 10 26.5 | 301°75 | 2°0/28.6 | 18 | | 480358 | 2015 <i>KE</i> ₂₂ | 10 26.5 | 29°90 | 8°7/23.5 | 16 | |
| 9 18 | 2 27.18 | +24 30.9 | 1.873 | 2.654 | 16.3 | 19.0 | 9 18 | 2 37.43 | -6 33.3 | 1.133 | 1.984 | 20.5 | 20.3 |
| 9 28 | 2 23.88 | +23 30.2 | 1.782 | 2.650 | 13.2 | 18.7 | 9 28 | 2 32.47 | -6 46.4 | 1.095 | 2.002 | 16.5 | 20.1 |
| 10 8 | 2 18.27 | +22 6.0 | 1.711 | 2.647 | 9.5 | 18.5 | 10 8 | 2 24.20 | -6 48.8 | 1.074 | 2.021 | 12.4 | 19.9 |
| 10 18 | 2 10.93 | +20 20.3 | 1.666 | 2.643 | 5.3 | 18.3 | 10 18 | 2 13.66 | -6 33.2 | 1.075 | 2.042 | 9.2 | 19.8 |
| 10 28 | 2 2.81 | +18 18.7 | 1.649 | 2.640 | 2.1 | 18.0 | 10 28 | 2 2.40 | -5 54.2 | 1.099 | 2.064 | 9.1 | 19.9 |
| 11 7 | 1 54.99 | +16 10.2 | 1.661 | 2.636 | 4.8 | 18.2 | 11 7 | 1 52.06 | -4 51.0 | 1.147 | 2.086 | 11.8 | 20.1 |
| 11 17 | 1 48.45 | +14 5.2 | 1.702 | 2.633 | 9.0 | 18.5 | 11 17 | 1 43.96 | -3 26.7 | 1.219 | 2.110 | 15.3 | 20.4 |
| 11 27 | 1 43.96 | +12 13.5 | 1.770 | 2.630 | 12.9 | 18.7 | 11 27 | 1 38.89 | -1 45.9 | 1.311 | 2.135 | 18.7 | 20.7 |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|------------------------------|-----------------|----------|----------|---------|------|
| 202732 | 2007 <i>JW</i> ₁₅ | 10 26.5 | 56°49 | 3°3/24.5 | 18 | | 242522 | 2005 <i>AH</i> ₉ | 10 26.5 | 300°08 | 7°6/20.1 | 17 | |
| 9 18 | 2 36.19 | + 6 22.9 | 1.411 | 2.244 | 18.2 | 19.5 | 9 18 | 2 30.72 | - 9 5.7 | 2.164 | 2.984 | 13.1 | 20.5 |
| 9 28 | 2 30.79 | + 5 51.2 | 1.373 | 2.279 | 13.9 | 19.4 | 9 28 | 2 26.30 | - 9 53.1 | 2.075 | 2.960 | 10.9 | 20.3 |
| 10 8 | 2 22.71 | + 5 14.5 | 1.356 | 2.314 | 9.3 | 19.2 | 10 8 | 2 19.80 | -10 35.0 | 2.009 | 2.936 | 8.8 | 20.2 |
| 10 18 | 2 12.87 | + 4 38.2 | 1.363 | 2.348 | 4.8 | 19.0 | 10 18 | 2 11.69 | -11 5.1 | 1.968 | 2.912 | 7.7 | 20.0 |
| 10 28 | 2 2.54 | + 4 8.4 | 1.397 | 2.383 | 3.8 | 19.1 | 10 28 | 2 2.75 | -11 17.6 | 1.954 | 2.888 | 8.2 | 20.0 |
| 11 7 | 1 53.04 | + 3 50.3 | 1.457 | 2.417 | 7.5 | 19.4 | 11 7 | 1 53.91 | -11 8.4 | 1.966 | 2.864 | 10.2 | 20.1 |
| 11 17 | 1 45.39 | + 3 47.1 | 1.543 | 2.452 | 11.5 | 19.7 | 11 17 | 1 46.07 | -10 36.1 | 2.003 | 2.840 | 12.7 | 20.2 |
| 11 27 | 1 40.30 | + 3 59.8 | 1.652 | 2.486 | 15.0 | 20.0 | 11 27 | 1 39.99 | - 9 41.7 | 2.063 | 2.816 | 15.2 | 20.4 |
| 333025 | 2011 <i>RW</i> ₁₄ | 10 26.5 | 293°97 | 0°0/26.5 | 18 | | 512306 | 2016 <i>HA</i> ₁₅ | 10 26.5 | 101°92 | 1°2/25.8 | 17 | |
| 9 18 | 2 27.18 | +16 47.9 | 1.752 | 2.565 | 16.0 | 20.6 | 9 18 | 2 37.79 | +11 26.2 | 1.414 | 2.236 | 18.7 | 21.6 |
| 9 28 | 2 24.07 | +16 4.1 | 1.661 | 2.554 | 12.7 | 20.4 | 9 28 | 2 32.49 | +11 10.5 | 1.355 | 2.253 | 14.6 | 21.3 |
| 10 8 | 2 18.54 | +15 3.5 | 1.591 | 2.543 | 8.7 | 20.1 | 10 8 | 2 24.20 | +10 44.2 | 1.315 | 2.270 | 9.7 | 21.1 |
| 10 18 | 2 11.14 | +13 48.8 | 1.545 | 2.532 | 4.1 | 19.8 | 10 18 | 2 13.74 | +10 10.6 | 1.300 | 2.287 | 4.5 | 20.9 |
| 10 28 | 2 2.80 | +12 25.5 | 1.527 | 2.520 | 0.7 | 19.6 | 10 28 | 2 2.42 | + 9 35.0 | 1.311 | 2.303 | 1.7 | 20.7 |
| 11 7 | 1 54.64 | +11 1.8 | 1.537 | 2.509 | 5.6 | 19.9 | 11 7 | 1 51.71 | + 9 3.7 | 1.349 | 2.319 | 6.7 | 21.1 |
| 11 17 | 1 47.72 | + 9 45.6 | 1.574 | 2.499 | 10.1 | 20.1 | 11 17 | 1 42.87 | + 8 42.5 | 1.414 | 2.334 | 11.4 | 21.4 |
| 11 27 | 1 42.91 | + 8 44.2 | 1.635 | 2.488 | 14.1 | 20.3 | 11 27 | 1 36.79 | + 8 35.3 | 1.501 | 2.349 | 15.5 | 21.7 |
| 4763 | Ride | 10 26.5 | 215°02 | 5°4/30.9 | 18 | | 351872 | 2006 <i>ST</i> ₇₂ | 10 26.5 | 286°68 | 5°8/27.8 | 17 | |
| 9 18 | 2 33.79 | +28 37.5 | 2.162 | 2.900 | 15.6 | 17.0 | 9 18 | 2 50.02 | +16 55.2 | 1.173 | 1.976 | 22.9 | 20.0 |
| 9 28 | 2 29.03 | +29 11.6 | 2.066 | 2.896 | 13.2 | 16.9 | 9 28 | 2 44.09 | +18 58.7 | 1.090 | 1.969 | 18.9 | 19.7 |
| 10 8 | 2 21.82 | +29 29.0 | 1.990 | 2.891 | 10.3 | 16.7 | 10 8 | 2 33.54 | +20 59.1 | 1.025 | 1.963 | 14.0 | 19.4 |
| 10 18 | 2 12.68 | +29 27.3 | 1.938 | 2.886 | 7.4 | 16.5 | 10 18 | 2 18.80 | +22 48.4 | 0.982 | 1.956 | 8.7 | 19.1 |
| 10 28 | 2 2.53 | +29 5.8 | 1.913 | 2.881 | 5.5 | 16.4 | 10 28 | 2 1.43 | +24 17.8 | 0.965 | 1.949 | 5.8 | 18.9 |
| 11 7 | 1 52.49 | +28 27.1 | 1.916 | 2.875 | 6.1 | 16.4 | 11 7 | 1 43.84 | +25 22.8 | 0.975 | 1.943 | 8.9 | 19.1 |
| 11 17 | 1 43.64 | +27 36.6 | 1.947 | 2.869 | 8.6 | 16.5 | 11 17 | 1 28.54 | +26 5.5 | 1.011 | 1.936 | 14.2 | 19.4 |
| 11 27 | 1 36.90 | +26 41.5 | 2.003 | 2.863 | 11.6 | 16.7 | 11 27 | 1 17.45 | +26 34.4 | 1.068 | 1.930 | 19.2 | 19.6 |
| 471515 | 2012 <i>DH</i> ₅₅ | 10 26.5 | 206°99 | 1°8/27.7 | 17 | | 411001 | 2009 <i>UA</i> ₅₂ | 10 26.5 | 359°19 | 0°8/27.3 | 17 | |
| 9 18 | 2 34.99 | +18 31.4 | 1.611 | 2.411 | 17.8 | 22.1 | 9 18 | 2 25.54 | +18 35.4 | 2.091 | 2.891 | 14.2 | 21.0 |
| 9 28 | 2 30.46 | +18 32.5 | 1.526 | 2.408 | 14.3 | 21.8 | 9 28 | 2 22.30 | +17 59.5 | 2.006 | 2.890 | 11.3 | 20.8 |
| 10 8 | 2 23.02 | +18 18.0 | 1.461 | 2.404 | 10.1 | 21.6 | 10 8 | 2 17.07 | +17 9.1 | 1.943 | 2.889 | 7.8 | 20.6 |
| 10 18 | 2 13.31 | +17 48.1 | 1.419 | 2.400 | 5.4 | 21.3 | 10 18 | 2 10.38 | +16 6.2 | 1.906 | 2.889 | 3.9 | 20.4 |
| 10 28 | 2 2.43 | +17 5.5 | 1.404 | 2.395 | 1.8 | 21.1 | 10 28 | 2 3.00 | +14 55.2 | 1.896 | 2.889 | 0.8 | 20.1 |
| 11 7 | 1 51.79 | +16 16.2 | 1.416 | 2.390 | 5.7 | 21.3 | 11 7 | 1 55.86 | +13 42.1 | 1.915 | 2.889 | 4.5 | 20.4 |
| 11 17 | 1 42.67 | +15 27.4 | 1.456 | 2.385 | 10.4 | 21.6 | 11 17 | 1 49.78 | +12 33.4 | 1.963 | 2.890 | 8.3 | 20.6 |
| 11 27 | 1 36.12 | +14 46.5 | 1.519 | 2.379 | 14.6 | 21.8 | 11 27 | 1 45.44 | +11 34.8 | 2.036 | 2.891 | 11.7 | 20.9 |
| 492950 | 2014 <i>SS</i> ₅₆ | 10 26.5 | 295°81 | 4°9/21.5 | 18 | | 85805 | 1998 <i>WS</i> ₆ | 10 26.5 | 0°75 | 0°4/26.3 | 18 | |
| 9 18 | 2 25.59 | + 0 40.7 | 2.247 | 3.078 | 12.3 | 21.2 | 9 18 | 2 27.58 | +14 2.3 | 1.201 | 2.048 | 19.9 | 19.1 |
| 9 28 | 2 22.09 | - 0 27.9 | 2.170 | 3.072 | 9.7 | 21.1 | 9 28 | 2 25.29 | +13 46.7 | 1.134 | 2.046 | 15.7 | 18.8 |
| 10 8 | 2 16.80 | - 1 38.8 | 2.116 | 3.066 | 7.0 | 20.9 | 10 8 | 2 19.82 | +13 15.4 | 1.084 | 2.045 | 10.6 | 18.5 |
| 10 18 | 2 10.20 | - 2 46.4 | 2.089 | 3.060 | 5.0 | 20.8 | 10 18 | 2 11.88 | +12 31.4 | 1.056 | 2.044 | 5.0 | 18.2 |
| 10 28 | 2 3.00 | - 3 44.5 | 2.090 | 3.055 | 5.4 | 20.8 | 10 28 | 2 2.74 | +11 40.8 | 1.052 | 2.045 | 1.1 | 17.9 |
| 11 7 | 1 55.98 | - 4 28.0 | 2.119 | 3.049 | 7.8 | 20.9 | 11 7 | 1 53.98 | +10 52.3 | 1.072 | 2.047 | 6.9 | 18.3 |
| 11 17 | 1 49.89 | - 4 53.4 | 2.175 | 3.043 | 10.5 | 21.1 | 11 17 | 1 47.02 | +10 13.8 | 1.116 | 2.050 | 12.3 | 18.6 |
| 11 27 | 1 45.36 | - 4 59.5 | 2.253 | 3.038 | 13.1 | 21.2 | 11 27 | 1 42.90 | + 9 51.7 | 1.181 | 2.054 | 17.0 | 18.9 |
| 198765 | 2005 <i>EX</i> ₆₄ | 10 26.5 | 330°67 | 2°0/24.8 | 18 | | 488893 | 2005 <i>TG</i> ₄₀ | 10 26.5 | 12°67 | 2°5/24.9 | 16 | |
| 9 18 | 2 27.70 | + 7 44.2 | 2.193 | 3.014 | 13.0 | 20.0 | 9 18 | 2 26.71 | +10 27.3 | 1.140 | 1.999 | 19.9 | 21.2 |
| 9 28 | 2 23.82 | + 7 23.6 | 2.109 | 3.008 | 10.1 | 19.8 | 9 28 | 2 24.57 | + 9 50.2 | 1.082 | 2.002 | 15.5 | 20.9 |
| 10 8 | 2 18.03 | + 6 57.8 | 2.047 | 3.003 | 6.8 | 19.6 | 10 8 | 2 19.27 | + 9 0.1 | 1.042 | 2.006 | 10.4 | 20.7 |
| 10 18 | 2 10.81 | + 6 29.9 | 2.012 | 2.998 | 3.4 | 19.3 | 10 18 | 2 11.57 | + 8 2.8 | 1.023 | 2.011 | 4.9 | 20.4 |
| 10 28 | 2 2.90 | + 6 3.7 | 2.004 | 2.993 | 2.4 | 19.3 | 10 28 | 2 2.81 | + 7 6.6 | 1.028 | 2.018 | 3.1 | 20.3 |
| 11 7 | 1 55.16 | + 5 43.3 | 2.026 | 2.988 | 5.5 | 19.5 | 11 7 | 1 54.54 | + 6 20.7 | 1.056 | 2.026 | 8.1 | 20.6 |
| 11 17 | 1 48.40 | + 5 32.1 | 2.075 | 2.984 | 9.0 | 19.7 | 11 17 | 1 48.13 | + 5 52.0 | 1.108 | 2.035 | 13.2 | 20.9 |
| 11 27 | 1 43.30 | + 5 32.5 | 2.149 | 2.980 | 12.1 | 19.9 | 11 27 | 1 44.53 | + 5 44.7 | 1.180 | 2.045 | 17.6 | 21.2 |
| 301018 | 2008 <i>RN</i> ₁₂₆ | 10 26.5 | 279°30 | 1°1/24.7 | 18 | | 331308 | 2011 <i>EM</i> ₆₄ | 10 26.5 | 308°16 | 3°0/23.7 | 18 | |
| 9 18 | 2 20.31 | + 8 23.5 | 4.315 | 5.120 | 7.3 | 20.7 | 9 18 | 2 26.21 | + 5 56.9 | 2.158 | 2.985 | 12.9 | 20.7 |
| 9 28 | 2 17.14 | + 7 57.1 | 4.225 | 5.117 | 5.6 | 20.5 | 9 28 | 2 22.75 | + 5 14.4 | 2.069 | 2.972 | 10.0 | 20.5 |
| 10 8 | 2 13.06 | + 7 27.5 | 4.161 | 5.114 | 3.7 | 20.4 | 10 8 | 2 17.37 | + 4 26.4 | 2.004 | 2.960 | 6.8 | 20.3 |
| 10 18 | 2 8.35 | + 6 56.6 | 4.126 | 5.111 | 1.8 | 20.2 | 10 18 | 2 10.53 | + 3 37.0 | 1.964 | 2.947 | 3.8 | 20.1 |
| 10 28 | 2 3.34 | + 6 26.3 | 4.121 | 5.109 | 1.3 | 20.2 | 10 28 | 2 2.98 | + 2 51.4 | 1.953 | 2.935 | 3.5 | 20.0 |
| 11 7 | 1 58.42 | + 5 58.9 | 4.146 | 5.106 | 3.1 | 20.3 | 11 7 | 1 55.56 | + 2 14.8 | 1.969 | 2.923 | 6.4 | 20.2 |
| 11 17 | 1 53.93 | + 5 36.3 | 4.202 | 5.103 | 5.0 | 20.5 | 11 17 | 1 49.10 | + 1 51.1 | 2.013 | 2.912 | 9.8 | 20.4 |
| 11 27 | 1 50.22 | + 5 20.1 | 4.284 | 5.100 | 6.8 | 20.6 | 11 27 | 1 44.27 | + 1 42.8 | 2.081 | 2.900 | 12.9 | 20.6 |
| 367668 | 2010 <i>AU</i> ₇₃ | 10 26.5 | 332°36 | 4°3/22.8 | 18 | | 161432 | 2003 <i>WN</i> ₈₃ | 10 26.5 | 6°82 | 10°6/3.1 | 18 | |
| 9 18 | 2 27.80 | + 0 55.9 | 2.196 | 3.024 | 12.7 | 20.6 | 9 18 | 2 22.94 | +33 14.7 | 1.093 | 1.889 | 24.6 | 18.2 |
| 9 28 | 2 23.84 | + 0 19.8 | 2.119 | 3.020 | 9.9 | 20.4 | 9 28 | 2 22.56 | +34 33.1 | 1.033 | 1.890 | 21.4 | 18.0 |
| 10 8 | 2 17.99 | - 0 17.1 | 2.064 | 3.015 | 7.0 | 20.2 | 10 8 | 2 18.49 | +35 20.0 | 0.987 | 1.893 | 17.7 | 17.8 |
| 10 18 | 2 10.77 | - 0 50.5 | 2.035 | 3.011 | 4.7 | 20.0 | 10 18 | 2 11.41 | +35 28.4 | 0.958 | 1.899 | 14.0 | 17.6 |
| 10 28 | 2 2.91 | - 1 15.5 | 2.035 | 3.007 | 4.7 | 20.0 | 10 28 | 2 2.82 | +34 55.5 | 0.949 | 1.907 | 11.2 | 17.5 |
| 11 7 | 1 55.25 | - 1 28.1 | 2.062 | 3.003 | 7.2 | 20.2 | 11 7 | 1 54.65 | +33 46.7 | 0.960 | 1.917 | 10.9 | 17.5 |
| 11 17 | 1 48.57 | - 1 25.9 | 2.116 | 3.000 | 10.1 | 20.4 | 11 17 | 1 48.66 | +32 13.6 | 0.993 | 1.930 | 13.1 | 17.7 |
| 11 27 | 1 43.54 | - 1 8.0 | 2.194 | 2.996 | 12.9 | 20.5 | 11 27 | 1 46.06 | +30 32.1 | 1.046 | 1.944 | 16.5 | 17.9 |
| 301322 | 2009 <i>BL</i> ₁₆₇ | 10 26.5 | 271°61 | 0°2/26.7 | 18 | | 236524 | 2006 <i>HT</i> ₅ | 10 26.5 | 107°56 | 4°7/22.1 | 18 | |
| 9 18 | 2 28.78 | +16 4.3 | 1.881 | 2.689 | 15.3 | 21.6 | 9 18 | 2 30.41 | + 2 20.7 | 2.090 | 2.914 | 13.4 | 21.1 |
| 9 28 | 2 25.10 | +15 37.3 | 1.793 | 2.683 | 12.1 | 21.3 | 9 28 | 2 25.71 | + 1 1.9 | 2.036 | 2.935 | 10.4 | 20.9 |
| 10 8 | 2 19.12 | +14 56.7 | 1.728 | 2.678 | 8.2 | 21.1 | 10 8 | 2 19.11 | - 0 19.3 | 2.005 | 2.956 | 7.3 | 20.8 |
| 10 18 | 2 11.39 | +14 4.7 | 1.687 | 2.672 | 4.0 | 20.8 | 10 18 | 2 11.23 | - 1 36.7 | 2.002 | 2.976 | 4.9 | 20.7 |
| 10 28 | 2 2.80 | +13 5.7 | 1.673 | 2.667 | 0.6 | 20.6 | 10 28 | 2 2.89 | - 2 43.6 | 2.027 | 2.995 | 5.2 | 20.7 |
| 11 7 | 1 54.42 | +12 5.7 | 1.688 | 2.661 | 5.1 | 20.9 | 11 7 | 1 54.95 | - 3 34.8 | 2.081 | 3.014 | 7.7 | 20.9 |
| 11 17 | 1 47.24 | +11 11.3 | 1.731 | 2.655 | 9.4 | 21.1 | 11 17 | 1 48.18 | - 4 7.1 | 2.162 | 3.032 | 10.5 | 21.2 |
| 11 27 | 1 42.06 | +10 28.2 | 1.798 | 2.650 | 13.1 | 21.4 | 11 27 | 1 | | | | | |

EPHEMERIDES

10 26.5

10 26.5

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|--------|------------------------|----------------------------|----------|-------|---------|------|-------|-----------------|------------------------|----------------------------|-------|---------|------|
| 412806 | 2014 PH ₂₉ | 10 26.5 357°05 6°4/21.1 17 | | | | | | 175191 | 2005 EL ₂₄₁ | 10 26.5 139°55 4°9/23.2 18 | | | |
| 9 18 | 2 23.43 | — 0 4.2 | 1.621 | 2.475 | 15.2 | 20.3 | 9 18 | 2 33.38 | + 3 39.2 | 1.516 | 2.353 | 16.9 | 20.5 |
| 9 28 | 2 21.08 | — 1 20.7 | 1.556 | 2.471 | 12.0 | 20.0 | 9 28 | 2 28.95 | + 2 43.7 | 1.450 | 2.357 | 13.2 | 20.2 |
| 10 8 | 2 16.46 | — 2 39.2 | 1.513 | 2.467 | 8.8 | 19.9 | 10 8 | 2 21.82 | + 1 43.5 | 1.406 | 2.362 | 9.2 | 20.0 |
| 10 18 | 2 10.15 | — 3 51.8 | 1.493 | 2.465 | 6.6 | 19.7 | 10 18 | 2 12.68 | + 0 45.2 | 1.386 | 2.366 | 5.6 | 19.8 |
| 10 28 | 2 3.07 | — 4 49.9 | 1.500 | 2.464 | 7.2 | 19.8 | 10 28 | 2 2.67 | — 0 3.2 | 1.392 | 2.370 | 5.5 | 19.8 |
| 11 7 | 1 56.28 | — 5 27.1 | 1.531 | 2.464 | 9.9 | 19.9 | 11 7 | 1 53.07 | — 0 35.0 | 1.425 | 2.374 | 8.9 | 20.0 |
| 11 17 | 1 50.73 | — 5 39.7 | 1.586 | 2.464 | 13.2 | 20.1 | 11 17 | 1 45.06 | — 0 46.2 | 1.482 | 2.377 | 12.9 | 20.3 |
| 11 27 | 1 47.19 | — 5 27.2 | 1.662 | 2.466 | 16.2 | 20.3 | 11 27 | 1 39.47 | — 0 35.5 | 1.562 | 2.380 | 16.4 | 20.5 |
| 28224 | 1999 AJ | 10 26.5 358°28 2°1/25.2 18 | | | | | | 295328 | 2008 HO | 10 26.5 128°91 0°1/26.4 18 | | | |
| 9 18 | 2 23.06 | +11 28.8 | 1.039 | 1.908 | 20.7 | 17.3 | 9 18 | 2 29.27 | +14 11.1 | 2.302 | 3.102 | 13.1 | 21.6 |
| 9 28 | 2 22.11 | +10 55.7 | 0.977 | 1.903 | 16.2 | 17.0 | 9 28 | 2 24.91 | +13 49.9 | 2.223 | 3.109 | 10.2 | 21.5 |
| 10 8 | 2 17.86 | +10 6.9 | 0.932 | 1.899 | 10.9 | 16.7 | 10 8 | 2 18.69 | +13 19.4 | 2.167 | 3.116 | 6.9 | 21.3 |
| 10 18 | 2 11.01 | + 9 7.9 | 0.907 | 1.897 | 5.1 | 16.4 | 10 18 | 2 11.11 | +12 41.7 | 2.137 | 3.122 | 3.2 | 21.0 |
| 10 28 | 2 2.91 | + 8 7.6 | 0.905 | 1.897 | 2.8 | 16.3 | 10 28 | 2 2.94 | +12 0.1 | 2.136 | 3.129 | 0.6 | 20.8 |
| 11 7 | 1 55.22 | + 7 16.2 | 0.926 | 1.898 | 8.3 | 16.6 | 11 7 | 1 55.02 | +11 19.2 | 2.164 | 3.135 | 4.4 | 21.1 |
| 11 17 | 1 49.40 | + 6 42.3 | 0.968 | 1.901 | 13.8 | 16.9 | 11 17 | 1 48.11 | +10 43.2 | 2.222 | 3.141 | 7.9 | 21.4 |
| 11 27 | 1 46.52 | + 6 31.1 | 1.030 | 1.906 | 18.6 | 17.2 | 11 27 | 1 42.85 | +10 16.1 | 2.305 | 3.147 | 11.0 | 21.6 |
| 53509 | 2000 AT ₁₂₂ | 10 26.5 222°23 1°5/25.3 18 | | | | | | 315933 | 2008 SR ₂₇₅ | 10 26.5 339°29 0°9/27.9 18 | | | |
| 9 18 | 2 31.77 | +11 59.0 | 1.854 | 2.668 | 15.2 | 20.5 | 9 18 | 2 20.81 | +18 56.3 | 4.137 | 4.908 | 8.2 | 20.6 |
| 9 28 | 2 27.45 | +11 17.4 | 1.765 | 2.660 | 11.9 | 20.3 | 9 28 | 2 17.63 | +18 39.3 | 4.041 | 4.907 | 6.5 | 20.5 |
| 10 8 | 2 20.74 | +10 24.1 | 1.697 | 2.651 | 8.0 | 20.0 | 10 8 | 2 13.46 | +18 15.1 | 3.969 | 4.905 | 4.5 | 20.3 |
| 10 18 | 2 12.19 | + 9 22.8 | 1.656 | 2.642 | 3.7 | 19.8 | 10 18 | 2 8.59 | +17 44.8 | 3.925 | 4.904 | 2.4 | 20.2 |
| 10 28 | 2 2.71 | + 8 18.8 | 1.642 | 2.633 | 1.9 | 19.6 | 10 28 | 2 3.38 | +17 10.0 | 3.911 | 4.902 | 0.9 | 20.1 |
| 11 7 | 1 53.42 | + 7 19.1 | 1.657 | 2.623 | 6.1 | 19.9 | 11 7 | 1 58.27 | +16 32.9 | 3.928 | 4.901 | 2.4 | 20.2 |
| 11 17 | 1 45.37 | + 6 29.8 | 1.699 | 2.612 | 10.3 | 20.1 | 11 17 | 1 53.65 | +15 56.0 | 3.975 | 4.900 | 4.5 | 20.3 |
| 11 27 | 1 39.39 | + 5 55.9 | 1.766 | 2.601 | 14.1 | 20.3 | 11 27 | 1 49.87 | +15 21.9 | 4.050 | 4.898 | 6.5 | 20.5 |
| 12983 | 1979 OH ₁ | 10 26.5 139°51 4°8/21.3 18 | | | | | | 250002 | 2001 YJ ₅₁ | 10 26.5 7°52 0°6/26.9 18 | | | |
| 9 18 | 2 26.53 | — 1 21.8 | 2.514 | 3.338 | 11.4 | 18.2 | 9 18 | 2 28.77 | +15 53.9 | 1.840 | 2.650 | 15.5 | 20.4 |
| 9 28 | 2 22.55 | — 2 23.3 | 2.445 | 3.342 | 9.0 | 18.1 | 9 28 | 2 25.11 | +15 44.8 | 1.760 | 2.650 | 12.2 | 20.2 |
| 10 8 | 2 16.97 | — 3 24.8 | 2.401 | 3.346 | 6.6 | 17.9 | 10 8 | 2 19.14 | +15 23.6 | 1.702 | 2.651 | 8.4 | 20.0 |
| 10 18 | 2 10.26 | — 4 21.1 | 2.384 | 3.350 | 5.0 | 17.8 | 10 18 | 2 11.42 | +14 51.7 | 1.667 | 2.652 | 4.1 | 19.7 |
| 10 28 | 2 3.07 | — 5 7.4 | 2.396 | 3.353 | 5.3 | 17.9 | 10 28 | 2 2.89 | +14 12.9 | 1.660 | 2.654 | 0.8 | 19.5 |
| 11 7 | 1 56.10 | — 5 39.5 | 2.436 | 3.357 | 7.3 | 18.0 | 11 7 | 1 54.60 | +13 32.2 | 1.682 | 2.655 | 5.0 | 19.8 |
| 11 17 | 1 50.00 | — 5 55.1 | 2.502 | 3.360 | 9.7 | 18.2 | 11 17 | 1 47.55 | +12 55.3 | 1.730 | 2.657 | 9.1 | 20.0 |
| 11 27 | 1 45.32 | — 5 53.5 | 2.592 | 3.364 | 12.0 | 18.3 | 11 27 | 1 42.53 | +12 27.2 | 1.802 | 2.660 | 12.8 | 20.3 |
| 401487 | 2013 DX ₄ | 10 26.5 168°76 2°3/24.5 18 | | | | | | 407643 | 2011 EK ₆₃ | 10 26.5 283°95 7°2/19.1 17 | | | |
| 9 18 | 2 29.11 | + 8 26.1 | 2.052 | 2.872 | 13.7 | 21.1 | 9 18 | 2 28.17 | — 8 50.5 | 2.404 | 3.224 | 12.0 | 21.2 |
| 9 28 | 2 25.00 | + 7 46.9 | 1.974 | 2.873 | 10.7 | 20.9 | 9 28 | 2 24.10 | — 9 53.7 | 2.318 | 3.202 | 9.9 | 21.0 |
| 10 8 | 2 18.86 | + 7 0.6 | 1.918 | 2.874 | 7.1 | 20.7 | 10 8 | 2 18.21 | —10 53.0 | 2.256 | 3.180 | 8.1 | 20.8 |
| 10 18 | 2 11.22 | + 6 11.3 | 1.889 | 2.875 | 3.6 | 20.5 | 10 18 | 2 10.94 | —11 42.1 | 2.219 | 3.158 | 7.2 | 20.8 |
| 10 28 | 2 2.90 | + 5 23.9 | 1.888 | 2.875 | 2.7 | 20.5 | 10 28 | 2 2.97 | —12 15.4 | 2.209 | 3.136 | 7.8 | 20.8 |
| 11 7 | 1 54.82 | + 4 43.6 | 1.916 | 2.876 | 6.0 | 20.7 | 11 7 | 1 55.10 | —12 28.5 | 2.226 | 3.113 | 9.6 | 20.8 |
| 11 17 | 1 47.84 | + 4 14.9 | 1.971 | 2.876 | 9.6 | 20.9 | 11 17 | 1 48.10 | —12 19.7 | 2.268 | 3.090 | 11.9 | 20.9 |
| 11 27 | 1 42.66 | + 4 0.6 | 2.050 | 2.876 | 12.8 | 21.1 | 11 27 | 1 42.62 | —11 49.1 | 2.331 | 3.068 | 14.1 | 21.1 |
| 511363 | 2014 FM ₃₆ | 10 26.5 71°59 2°5/24.6 18 | | | | | | 166396 | 2002 NA ₂₁ | 10 26.5 112°53 6°5/1.8 18 | | | |
| 9 18 | 2 31.38 | + 7 20.8 | 1.848 | 2.671 | 14.9 | 21.4 | 9 18 | 2 32.23 | +33 22.7 | 1.991 | 2.714 | 17.3 | 20.2 |
| 9 28 | 2 26.81 | + 6 52.4 | 1.786 | 2.687 | 11.5 | 21.2 | 9 28 | 2 27.95 | +33 38.8 | 1.909 | 2.722 | 14.8 | 20.0 |
| 10 8 | 2 20.05 | + 6 18.5 | 1.747 | 2.703 | 7.7 | 21.0 | 10 8 | 2 21.12 | +33 32.5 | 1.845 | 2.730 | 11.9 | 19.8 |
| 10 18 | 2 11.75 | + 5 43.1 | 1.733 | 2.718 | 3.9 | 20.8 | 10 18 | 2 12.36 | +33 1.0 | 1.803 | 2.737 | 8.9 | 19.7 |
| 10 28 | 2 2.82 | + 5 11.1 | 1.747 | 2.734 | 2.9 | 20.8 | 10 28 | 2 2.73 | +32 4.7 | 1.786 | 2.745 | 6.8 | 19.6 |
| 11 7 | 1 54.31 | + 4 47.2 | 1.789 | 2.750 | 6.3 | 21.0 | 11 7 | 1 53.43 | +30 47.9 | 1.797 | 2.752 | 6.8 | 19.6 |
| 11 17 | 1 47.11 | + 4 35.0 | 1.859 | 2.766 | 9.9 | 21.3 | 11 17 | 1 45.58 | +29 18.4 | 1.835 | 2.759 | 9.0 | 19.7 |
| 11 27 | 1 41.91 | + 4 36.6 | 1.952 | 2.782 | 13.2 | 21.5 | 11 27 | 1 40.00 | +27 45.5 | 1.899 | 2.766 | 11.8 | 19.9 |
| 151505 | 2002 LG ₃₇ | 10 26.5 80°45 1°8/27.9 18 | | | | | | 353726 | 2011 WO ₅₄ | 10 26.5 78°09 2°2/24.9 18 | | | |
| 9 18 | 2 32.98 | +20 42.4 | 1.442 | 2.247 | 19.2 | 19.7 | 9 18 | 2 30.97 | + 8 9.9 | 1.889 | 2.711 | 14.7 | 20.8 |
| 9 28 | 2 28.81 | +20 14.2 | 1.381 | 2.266 | 15.3 | 19.5 | 9 28 | 2 26.60 | + 7 46.8 | 1.816 | 2.716 | 11.4 | 20.6 |
| 10 8 | 2 21.75 | +19 25.4 | 1.340 | 2.284 | 10.7 | 19.3 | 10 8 | 2 20.01 | + 7 17.6 | 1.765 | 2.720 | 7.6 | 20.4 |
| 10 18 | 2 12.62 | +18 18.0 | 1.321 | 2.302 | 5.7 | 19.1 | 10 18 | 2 11.79 | + 6 45.6 | 1.739 | 2.725 | 3.7 | 20.1 |
| 10 28 | 2 2.68 | +16 57.9 | 1.328 | 2.320 | 1.8 | 18.9 | 10 28 | 2 2.83 | + 6 15.5 | 1.741 | 2.730 | 2.6 | 20.1 |
| 11 7 | 1 53.34 | +15 34.1 | 1.363 | 2.338 | 5.6 | 19.2 | 11 7 | 1 54.18 | + 5 52.1 | 1.771 | 2.734 | 6.1 | 20.3 |
| 11 17 | 1 45.80 | +14 15.9 | 1.424 | 2.356 | 10.3 | 19.5 | 11 17 | 1 46.76 | + 5 39.1 | 1.829 | 2.739 | 9.9 | 20.5 |
| 11 27 | 1 40.88 | +13 11.5 | 1.509 | 2.373 | 14.4 | 19.8 | 11 27 | 1 41.31 | + 5 39.3 | 1.910 | 2.744 | 13.2 | 20.8 |
| 378115 | 2006 UV ₂₅₇ | 10 26.5 225°16 0°2/26.7 18 | | | | | | 494597 | 2017 BY ₁₀₉ | 10 26.5 13°59 1°7/24.9 18 | | | |
| 9 18 | 2 32.10 | +16 27.7 | 1.791 | 2.595 | 16.1 | 21.9 | 9 18 | 2 25.91 | +11 36.3 | 2.013 | 2.834 | 13.9 | 21.1 |
| 9 28 | 2 27.88 | +15 55.4 | 1.699 | 2.586 | 12.8 | 21.7 | 9 28 | 2 22.58 | +10 42.3 | 1.935 | 2.835 | 10.8 | 20.9 |
| 10 8 | 2 21.13 | +15 7.9 | 1.629 | 2.578 | 8.8 | 21.4 | 10 8 | 2 17.27 | + 9 37.8 | 1.880 | 2.836 | 7.2 | 20.7 |
| 10 18 | 2 12.41 | +14 7.1 | 1.583 | 2.568 | 4.2 | 21.1 | 10 18 | 2 10.50 | + 8 27.0 | 1.851 | 2.838 | 3.4 | 20.4 |
| 10 28 | 2 2.69 | +12 57.9 | 1.565 | 2.558 | 0.7 | 20.8 | 10 28 | 2 3.07 | + 7 15.8 | 1.850 | 2.840 | 2.1 | 20.3 |
| 11 7 | 1 53.16 | +11 47.3 | 1.575 | 2.547 | 5.5 | 21.2 | 11 7 | 1 55.90 | + 6 10.5 | 1.877 | 2.841 | 5.7 | 20.6 |
| 11 17 | 1 44.92 | +10 42.7 | 1.613 | 2.536 | 10.1 | 21.4 | 11 17 | 1 49.81 | + 5 16.8 | 1.932 | 2.844 | 9.4 | 20.8 |
| 11 27 | 1 38.89 | + 9 50.9 | 1.676 | 2.525 | 14.1 | 21.6 | 11 27 | 1 45.47 | + 4 38.6 | 2.012 | 2.846 | 12.6 | 21.0 |
| 352978 | 2009 BA ₇₅ | 10 26.5 353°21 1°0/26.9 18 | | | | | | 34485 | 2000 SF ₁₂₈ | 10 26.5 35°76 2°5/24.7 18 | | | |
| 9 18 | 2 25.28 | +11 35.3 | 0.975 | 1.845 | 21.6 | 18.8 | 9 18 | 2 29.76 | + 7 21.2 | 1.815 | 2.643 | 14.9 | 18.8 |
| 9 28 | 2 24.34 | +12 | | | | | | | | | | | |

EPHEMERIDES

10 26.5

10 26.5

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|-------|---------|------|---------------|-------------------------------|-----------------|-----------|-------|---------|------|
| 263258 | 2008 <i>BF</i> ₁₆ | 10 26.5 302°52 | 7.4/19.9 | 18 | | | 306584 | 2000 <i>FT</i> ₇ | 10 26.5 296°67 | 10.7/27.8 | 18 | | |
| 9 18 | 2 27.65 | — 4 32.0 | 1.870 | 2.708 | 14.2 | 20.6 | 9 18 | 2 57.29 | +23 20.6 | 1.311 | 2.071 | 23.0 | 19.8 |
| 9 28 | 2 24.08 | — 5 53.5 | 1.801 | 2.701 | 11.4 | 20.4 | 9 28 | 2 50.73 | +26 24.9 | 1.210 | 2.053 | 19.8 | 19.5 |
| 10 8 | 2 18.36 | — 7 13.5 | 1.754 | 2.695 | 8.9 | 20.3 | 10 8 | 2 38.98 | +29 31.5 | 1.129 | 2.035 | 16.0 | 19.2 |
| 10 18 | 2 11.04 | — 8 24.2 | 1.732 | 2.688 | 7.5 | 20.2 | 10 18 | 2 21.98 | +32 26.5 | 1.071 | 2.016 | 12.3 | 18.9 |
| 10 28 | 2 2.98 | — 9 17.9 | 1.736 | 2.682 | 8.1 | 20.2 | 10 28 | 2 0.95 | +34 52.5 | 1.042 | 1.998 | 10.7 | 18.8 |
| 11 7 | 1 55.16 | — 9 48.8 | 1.767 | 2.675 | 10.4 | 20.3 | 11 7 | 1 38.47 | +36 36.0 | 1.040 | 1.981 | 12.5 | 18.8 |
| 11 17 | 1 48.50 | — 9 54.3 | 1.821 | 2.669 | 13.2 | 20.5 | 11 17 | 1 17.78 | +37 35.4 | 1.065 | 1.963 | 16.5 | 19.0 |
| 11 27 | 1 43.73 | — 9 34.8 | 1.896 | 2.663 | 15.9 | 20.7 | 11 27 | 1 1.63 | +38 2.1 | 1.113 | 1.946 | 20.7 | 19.2 |
| 315085 | 2007 <i>DS</i> ₇₁ | 10 26.5 157°83 | 0°3/26.2 | 18 | | | 175134 | 2005 <i>CM</i> ₅₆ | 10 26.5 132°39 | 1°7/27.8 | 16 | | |
| 9 18 | 2 28.68 | +13 23.1 | 2.569 | 3.366 | 12.0 | 21.7 | 9 18 | 2 36.27 | +18 36.7 | 1.683 | 2.477 | 17.4 | 21.4 |
| 9 28 | 2 24.27 | +13 1.9 | 2.486 | 3.370 | 9.3 | 21.5 | 9 28 | 2 31.15 | +18 36.5 | 1.610 | 2.488 | 13.9 | 21.2 |
| 10 8 | 2 18.18 | +12 32.6 | 2.425 | 3.374 | 6.3 | 21.3 | 10 8 | 2 23.29 | +18 21.3 | 1.557 | 2.499 | 9.7 | 21.0 |
| 10 18 | 2 10.87 | +11 57.2 | 2.392 | 3.378 | 2.9 | 21.1 | 10 18 | 2 13.41 | +17 51.7 | 1.528 | 2.509 | 5.1 | 20.7 |
| 10 28 | 2 3.02 | +11 19.0 | 2.389 | 3.382 | 0.7 | 21.0 | 10 28 | 2 2.63 | +17 10.7 | 1.527 | 2.519 | 1.7 | 20.5 |
| 11 7 | 1 55.36 | +10 41.7 | 2.415 | 3.385 | 4.1 | 21.2 | 11 7 | 1 52.24 | +16 24.0 | 1.554 | 2.528 | 5.3 | 20.8 |
| 11 17 | 1 48.59 | +10 9.1 | 2.471 | 3.388 | 7.3 | 21.4 | 11 17 | 1 43.44 | +15 38.3 | 1.608 | 2.536 | 9.7 | 21.1 |
| 11 27 | 1 43.30 | +9 44.6 | 2.553 | 3.390 | 10.2 | 21.6 | 11 27 | 1 37.09 | +15 0.3 | 1.687 | 2.544 | 13.6 | 21.3 |
| 410867 | 2009 <i>RU</i> ₇₅ | 10 26.5 4°15 | 2°1/28.1 | 18 | | | 107548 | 2001 <i>DV</i> ₇₁ | 10 26.5 281°39 | 3°9/29.3 | 18 | | |
| 9 18 | 2 31.76 | +18 22.3 | 2.081 | 2.869 | 14.7 | 20.6 | 9 18 | 2 32.30 | +23 5.6 | 1.839 | 2.618 | 16.6 | 20.0 |
| 9 28 | 2 27.27 | +18 48.7 | 1.995 | 2.869 | 11.8 | 20.4 | 9 28 | 2 28.31 | +23 30.9 | 1.739 | 2.603 | 13.7 | 19.8 |
| 10 8 | 2 20.54 | +19 4.7 | 1.931 | 2.869 | 8.4 | 20.2 | 10 8 | 2 21.65 | +23 40.9 | 1.659 | 2.587 | 10.3 | 19.5 |
| 10 18 | 2 12.10 | +19 9.6 | 1.891 | 2.869 | 4.7 | 20.0 | 10 18 | 2 12.79 | +23 33.6 | 1.602 | 2.571 | 6.5 | 19.3 |
| 10 28 | 2 2.79 | +19 4.7 | 1.880 | 2.870 | 2.1 | 19.8 | 10 28 | 2 2.71 | +23 9.2 | 1.572 | 2.556 | 3.9 | 19.1 |
| 11 7 | 1 53.66 | +18 52.7 | 1.898 | 2.871 | 4.6 | 20.0 | 11 7 | 1 52.64 | +22 31.3 | 1.569 | 2.540 | 5.7 | 19.2 |
| 11 17 | 1 45.66 | +18 37.7 | 1.944 | 2.872 | 8.2 | 20.2 | 11 17 | 1 43.82 | +21 45.7 | 1.593 | 2.524 | 9.5 | 19.3 |
| 11 27 | 1 39.60 | +18 24.5 | 2.015 | 2.874 | 11.6 | 20.4 | 11 27 | 1 37.28 | +21 0.2 | 1.642 | 2.509 | 13.4 | 19.5 |
| 163969 | 2003 <i>UA</i> ₁₀₀ | 10 26.5 354°81 | 4°2/24.1 | 18 | | | 311831 | 2006 <i>VS</i> ₁₃ | 10 26.5 5°48 | 1°1/27.4 | 18 | | |
| 9 18 | 2 25.83 | +5 43.4 | 1.232 | 2.094 | 18.5 | 19.3 | 9 18 | 2 27.55 | +17 49.0 | 1.683 | 2.496 | 16.6 | 20.9 |
| 9 28 | 2 23.78 | +5 10.1 | 1.166 | 2.087 | 14.5 | 19.0 | 9 28 | 2 24.41 | +17 33.3 | 1.605 | 2.496 | 13.2 | 20.7 |
| 10 8 | 2 18.74 | +4 30.0 | 1.118 | 2.082 | 9.9 | 18.8 | 10 8 | 2 18.81 | +17 2.3 | 1.548 | 2.497 | 9.1 | 20.4 |
| 10 18 | 2 11.40 | +3 49.3 | 1.092 | 2.078 | 5.4 | 18.5 | 10 18 | 2 11.35 | +16 17.6 | 1.514 | 2.498 | 4.6 | 20.2 |
| 10 28 | 2 2.93 | +3 15.9 | 1.090 | 2.075 | 4.8 | 18.5 | 10 28 | 2 3.00 | +15 23.4 | 1.506 | 2.499 | 1.1 | 19.9 |
| 11 7 | 1 54.80 | +2 56.8 | 1.111 | 2.074 | 8.9 | 18.7 | 11 7 | 1 54.93 | +14 26.1 | 1.526 | 2.501 | 5.2 | 20.2 |
| 11 17 | 1 48.32 | +2 57.1 | 1.156 | 2.075 | 13.6 | 19.0 | 11 17 | 1 48.20 | +13 32.6 | 1.573 | 2.504 | 9.6 | 20.5 |
| 11 27 | 1 44.48 | +3 18.6 | 1.221 | 2.076 | 17.8 | 19.2 | 11 27 | 1 43.64 | +12 49.4 | 1.643 | 2.507 | 13.5 | 20.8 |
| 426424 | 2013 <i>QG</i> ₁₆ | 10 26.5 51°88 | 2°3/25.1 | 16 | | | 325542 | 2009 <i>SE</i> ₆₀ | 10 26.5 137°98 | 1°2/27.8 | 18 | | |
| 9 18 | 2 32.07 | +11 21.1 | 1.151 | 1.999 | 20.5 | 20.8 | 9 18 | 2 27.11 | +19 26.8 | 2.338 | 3.125 | 13.3 | 21.2 |
| 9 28 | 2 28.49 | +10 34.5 | 1.104 | 2.018 | 15.9 | 20.6 | 9 28 | 2 23.33 | +19 1.2 | 2.251 | 3.126 | 10.6 | 21.0 |
| 10 8 | 2 21.71 | +9 34.6 | 1.075 | 2.037 | 10.5 | 20.4 | 10 8 | 2 17.70 | +18 22.5 | 2.187 | 3.127 | 7.4 | 20.8 |
| 10 18 | 2 12.64 | +8 27.4 | 1.069 | 2.057 | 4.9 | 20.1 | 10 18 | 2 10.72 | +17 32.1 | 2.148 | 3.128 | 3.9 | 20.6 |
| 10 28 | 2 2.75 | +7 21.9 | 1.087 | 2.077 | 2.9 | 20.1 | 10 28 | 2 3.11 | +16 33.3 | 2.137 | 3.129 | 1.2 | 20.4 |
| 11 7 | 1 53.62 | +6 27.4 | 1.130 | 2.098 | 7.8 | 20.4 | 11 7 | 1 55.71 | +15 31.0 | 2.156 | 3.130 | 4.0 | 20.6 |
| 11 17 | 1 46.52 | +5 50.8 | 1.196 | 2.119 | 12.8 | 20.8 | 11 17 | 1 49.29 | +14 30.7 | 2.204 | 3.131 | 7.5 | 20.8 |
| 11 27 | 1 42.30 | +5 35.6 | 1.284 | 2.140 | 17.0 | 21.1 | 11 27 | 1 44.49 | +13 37.6 | 2.279 | 3.132 | 10.6 | 21.0 |
| 9930 | Billburrows | 10 26.5 187°04 | 4°3/23.1 | 18 | | | 171363 | 2006 <i>KT</i> ₁₂₁ | 10 26.5 100°98 | 1°5/25.1 | 18 | | |
| 9 18 | 2 31.67 | +3 49.2 | 1.863 | 2.690 | 14.7 | 18.1 | 9 18 | 2 29.22 | +13 16.1 | 1.936 | 2.749 | 14.7 | 20.3 |
| 9 28 | 2 27.20 | +2 52.6 | 1.788 | 2.690 | 11.4 | 17.9 | 9 28 | 2 25.11 | +12 9.3 | 1.868 | 2.763 | 11.4 | 20.1 |
| 10 8 | 2 20.45 | +1 51.5 | 1.736 | 2.690 | 7.9 | 17.7 | 10 8 | 2 18.92 | +10 50.5 | 1.823 | 2.778 | 7.5 | 19.9 |
| 10 18 | 2 12.03 | +0 51.4 | 1.709 | 2.689 | 4.9 | 17.5 | 10 18 | 2 11.26 | +9 24.3 | 1.805 | 2.792 | 3.5 | 19.6 |
| 10 28 | 2 2.84 | — 0 1.0 | 1.711 | 2.687 | 4.9 | 17.5 | 10 28 | 2 3.03 | +7 57.4 | 1.815 | 2.806 | 1.9 | 19.6 |
| 11 7 | 1 53.93 | — 0 39.8 | 1.740 | 2.686 | 7.9 | 17.7 | 11 7 | 1 55.19 | +6 37.0 | 1.855 | 2.820 | 5.7 | 19.8 |
| 11 17 | 1 46.27 | — 1 0.8 | 1.795 | 2.683 | 11.4 | 17.9 | 11 17 | 1 48.58 | +5 29.4 | 1.922 | 2.833 | 9.5 | 20.1 |
| 11 27 | 1 40.61 | — 1 2.3 | 1.874 | 2.681 | 14.6 | 18.1 | 11 27 | 1 43.86 | +4 39.0 | 2.015 | 2.846 | 12.7 | 20.3 |
| 205914 | 2002 <i>GX</i> ₁₁₁ | 10 26.5 211°38 | 1°8/25.2 | 18 | | | 145558 | Raiatea | 10 26.5 74°70 | 0°3/26.3 | 18 | | |
| 9 18 | 2 31.43 | +9 46.2 | 1.846 | 2.665 | 15.1 | 20.7 | 9 18 | 2 32.32 | +13 31.0 | 1.814 | 2.625 | 15.7 | 20.0 |
| 9 28 | 2 27.13 | +9 18.8 | 1.765 | 2.663 | 11.8 | 20.5 | 9 28 | 2 27.66 | +13 16.3 | 1.751 | 2.643 | 12.2 | 19.9 |
| 10 8 | 2 20.49 | +8 43.1 | 1.706 | 2.661 | 7.9 | 20.2 | 10 8 | 2 20.71 | +12 51.4 | 1.710 | 2.662 | 8.2 | 19.7 |
| 10 18 | 2 12.08 | +8 2.6 | 1.672 | 2.658 | 3.8 | 20.0 | 10 18 | 2 12.12 | +12 18.6 | 1.694 | 2.680 | 3.8 | 19.4 |
| 10 28 | 2 2.83 | +7 22.1 | 1.666 | 2.656 | 2.2 | 19.9 | 10 28 | 2 2.88 | +11 42.1 | 1.705 | 2.698 | 0.8 | 19.2 |
| 11 7 | 1 53.82 | +6 47.1 | 1.688 | 2.653 | 6.1 | 20.1 | 11 7 | 1 54.08 | +11 7.1 | 1.745 | 2.717 | 5.2 | 19.6 |
| 11 17 | 1 46.06 | +6 22.4 | 1.737 | 2.650 | 10.2 | 20.4 | 11 17 | 1 46.66 | +10 38.4 | 1.813 | 2.735 | 9.2 | 19.9 |
| 11 27 | 1 40.35 | +6 11.5 | 1.810 | 2.647 | 13.7 | 20.6 | 11 27 | 1 41.34 | +10 20.2 | 1.905 | 2.753 | 12.7 | 20.1 |
| 398374 | 2011 <i>SE</i> ₁₀₃ | 10 26.5 333°53 | 3°1/23.9 | 18 | | | 358843 | 2008 <i>FN</i> ₅₆ | 10 26.5 261°95 | 0°3/26.3 | 18 | | |
| 9 18 | 2 27.17 | +7 40.2 | 1.779 | 2.613 | 15.0 | 20.9 | 9 18 | 2 30.64 | +12 37.8 | 2.097 | 2.903 | 14.0 | 20.9 |
| 9 28 | 2 23.87 | +6 46.2 | 1.702 | 2.608 | 11.6 | 20.6 | 9 28 | 2 26.29 | +12 31.4 | 2.010 | 2.900 | 10.9 | 20.7 |
| 10 8 | 2 18.31 | +5 43.9 | 1.646 | 2.604 | 7.8 | 20.4 | 10 8 | 2 19.83 | +12 16.7 | 1.946 | 2.897 | 7.4 | 20.5 |
| 10 18 | 2 11.06 | +4 38.5 | 1.615 | 2.601 | 4.2 | 20.2 | 10 18 | 2 11.77 | +11 55.5 | 1.908 | 2.894 | 3.5 | 20.2 |
| 10 28 | 2 3.01 | +3 36.7 | 1.612 | 2.597 | 3.7 | 20.2 | 10 28 | 2 2.93 | +11 30.9 | 1.898 | 2.891 | 0.8 | 20.0 |
| 11 7 | 1 55.21 | +2 45.3 | 1.636 | 2.594 | 7.1 | 20.4 | 11 7 | 1 54.27 | +11 6.9 | 1.917 | 2.888 | 4.9 | 20.3 |
| 11 17 | 1 48.62 | +2 9.4 | 1.687 | 2.591 | 11.0 | 20.6 | 11 17 | 1 46.69 | +10 47.6 | 1.964 | 2.885 | 8.7 | 20.6 |
| 11 27 | 1 44.00 | +1 52.4 | 1.760 | 2.588 | 14.4 | 20.8 | 11 27 | 1 40.95 | +10 36.8 | 2.037 | 2.881 | 12.1 | 20.8 |
| 14861 | 1990 <i>DA</i> ₂ | 10 26.5 351°03 | 2°7/24.3 | 18 | | | 12812 | Cioni | 10 26.5 106°60 | 0°4/26.9 | 18 | | |
| 9 18 | 2 27.43 | +8 46.1 | 1.781 | 2.613 | 15.0 | 17.9 | 9 18 | 2 34.45 | +15 38.3 | 1.706 | 2.511 | 16.7 | 18.7 |
| 9 28 | 2 24.05 | +7 54.2 | 1.705 | 2.611 | 11.7 | 17.7 | 9 28 | 2 29.56 | +15 26.1 | 1.639 | 2.526 | 13.1 | 18.5 |
| 10 8 | 2 18.42 | +6 53.4 | 1.651 | 2.610 | 7.8 | 17.4 | 10 8 | 2 22.12 | +15 1.1 | 1.591 | 2.540 | 9.0 | 18.2 |
| 10 18 | 2 11.10 | +5 48.5 | 1.623 | 2.609 | 4.0 | 17.2 | 10 18 | 2 12.83 | +14 25.2 | 1.569 | 2.554 | 4.3 | 18.0 |
| 10 28 | 2 3.01 | +4 46.0 | 1.621 | 2.608 | 3.2 | 17.2 | 10 28 | 2 2.76 | +13 42.5 | 1.574 | 2.567 | 0.7 | 17.8 |
| 11 7 | 1 55.19 | +3 52.8 | 1.647 | 2.607 | 6.8 | 17.4 | 11 7 | 1 53.13 | +12 58.8 | 1.608 | 2.581 | 5.3 | 18.1 |
| 11 17 | 1 48.59 | +3 14.0 | 1.699 | 2.607 | 10.7 | 17.6 | 11 17 | 1 45.01 | +12 20.2 | 1.669 | 2.593 | 9.6 | 18.4 |
| 11 27 | 1 43.97 | +2 53.3 | 1.775 | 2.607 | 14.2 | 17.8 | 11 27 | 1 39.20 | +11 51.7 | 1.754 | 2.606 | 13.4 | 18.7 |

EPHEMERIDES

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10 26.6

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 129840 | 1999 <i>RU</i> ₂₁ | 10 26.5 | 54°56 | 4.6/29.3 | 18 | | 518324 | 2017 <i>BV</i> ₉₆ | 10 26.5 | 342°24 | 2.4/24.8 | 18 | |
| 9 18 | 2 37.90 | +22 20.6 | 1.516 | 2.303 | 19.3 | 19.2 | 9 18 | 2 29.05 | +8 4.9 | 1.724 | 2.555 | 15.5 | 21.1 |
| 9 28 | 2 32.75 | +23 14.6 | 1.456 | 2.323 | 15.7 | 19.0 | 9 28 | 2 25.46 | +7 40.0 | 1.645 | 2.550 | 12.1 | 20.8 |
| 10 8 | 2 24.54 | +23 51.8 | 1.414 | 2.343 | 11.6 | 18.8 | 10 8 | 2 19.47 | +7 8.1 | 1.588 | 2.546 | 8.1 | 20.6 |
| 10 18 | 2 14.05 | +24 9.8 | 1.396 | 2.364 | 7.4 | 18.6 | 10 18 | 2 11.67 | +6 33.0 | 1.555 | 2.542 | 4.0 | 20.4 |
| 10 28 | 2 2.55 | +24 8.4 | 1.403 | 2.385 | 4.6 | 18.5 | 10 28 | 2 2.98 | +6 0.0 | 1.550 | 2.538 | 2.9 | 20.3 |
| 11 7 | 1 51.58 | +23 51.4 | 1.437 | 2.407 | 6.3 | 18.7 | 11 7 | 1 54.53 | +5 34.5 | 1.571 | 2.535 | 6.6 | 20.5 |
| 11 17 | 1 42.46 | +23 25.3 | 1.498 | 2.428 | 10.0 | 19.0 | 11 17 | 1 47.35 | +5 20.9 | 1.619 | 2.533 | 10.7 | 20.7 |
| 11 27 | 1 36.14 | +22 58.0 | 1.582 | 2.450 | 13.7 | 19.2 | 11 27 | 1 42.27 | +5 22.2 | 1.690 | 2.531 | 14.4 | 21.0 |
| 270981 | 2002 <i>WN</i> ₁₁ | 10 26.5 | 338°95 | 0°5/26.8 | 18 | | 479004 | 2012 <i>XX</i> ₁₄₃ | 10 26.5 | 305°82 | 1°7/25.4 | 18 | |
| 9 18 | 2 32.92 | +13 25.1 | 1.329 | 2.160 | 19.2 | 20.4 | 9 18 | 2 28.71 | +10 57.9 | 1.569 | 2.402 | 16.7 | 21.7 |
| 9 28 | 2 29.40 | +13 44.5 | 1.251 | 2.154 | 15.2 | 20.1 | 9 28 | 2 25.72 | +10 30.6 | 1.474 | 2.380 | 13.1 | 21.4 |
| 10 8 | 2 22.67 | +13 53.1 | 1.192 | 2.147 | 10.5 | 19.8 | 10 8 | 2 20.01 | +9 51.7 | 1.399 | 2.357 | 8.9 | 21.1 |
| 10 18 | 2 13.34 | +13 51.7 | 1.156 | 2.142 | 5.1 | 19.5 | 10 18 | 2 12.07 | +9 4.6 | 1.347 | 2.335 | 4.2 | 20.8 |
| 10 28 | 2 2.65 | +13 43.0 | 1.144 | 2.137 | 0.9 | 19.2 | 10 28 | 2 2.89 | +8 14.8 | 1.322 | 2.313 | 2.2 | 20.6 |
| 11 7 | 1 52.18 | +13 31.9 | 1.158 | 2.133 | 6.5 | 19.6 | 11 7 | 1 53.73 | +7 29.3 | 1.323 | 2.292 | 6.9 | 20.8 |
| 11 17 | 1 43.42 | +13 24.0 | 1.197 | 2.129 | 11.8 | 19.8 | 11 17 | 1 45.85 | +6 55.1 | 1.349 | 2.270 | 11.8 | 21.0 |
| 11 27 | 1 37.53 | +13 25.0 | 1.257 | 2.127 | 16.4 | 20.1 | 11 27 | 1 40.32 | +6 37.5 | 1.398 | 2.250 | 16.2 | 21.3 |
| 368072 | 2012 <i>JS</i> ₅₉ | 10 26.5 | 257°35 | 0°2/26.4 | 17 | | 271209 | 2003 <i>SW</i> ₃₉₅ | 10 26.5 | 116°09 | 3°6/23.3 | 18 | |
| 9 18 | 2 27.71 | +13 47.7 | 2.485 | 3.285 | 12.2 | 22.0 | 9 18 | 2 28.92 | +2 14.7 | 2.424 | 3.243 | 11.9 | 20.8 |
| 9 28 | 2 23.71 | +13 29.9 | 2.390 | 3.276 | 9.6 | 21.8 | 9 28 | 2 24.49 | +1 41.6 | 2.351 | 3.248 | 9.3 | 20.6 |
| 10 8 | 2 17.94 | +13 3.5 | 2.319 | 3.268 | 6.5 | 21.6 | 10 8 | 2 18.36 | +1 7.2 | 2.302 | 3.253 | 6.4 | 20.5 |
| 10 18 | 2 10.85 | +12 30.3 | 2.274 | 3.259 | 3.0 | 21.4 | 10 18 | 2 11.00 | +0 35.2 | 2.280 | 3.258 | 4.0 | 20.3 |
| 10 28 | 2 3.10 | +11 53.3 | 2.258 | 3.251 | 0.6 | 21.1 | 10 28 | 2 3.12 | +0 9.8 | 2.287 | 3.263 | 3.9 | 20.3 |
| 11 7 | 1 55.47 | +11 16.5 | 2.271 | 3.242 | 4.2 | 21.4 | 11 7 | 1 55.47 | +0 5.5 | 2.323 | 3.267 | 6.3 | 20.5 |
| 11 17 | 1 48.70 | +10 43.9 | 2.314 | 3.233 | 7.6 | 21.6 | 11 17 | 1 48.76 | +0 8.3 | 2.387 | 3.272 | 9.0 | 20.7 |
| 11 27 | 1 43.43 | +10 19.2 | 2.383 | 3.224 | 10.7 | 21.8 | 11 27 | 1 43.57 | +0 2.4 | 2.475 | 3.277 | 11.6 | 20.9 |
| 205983 | 2002 <i>NT</i> ₄₅ | 10 26.5 | 56°16 | 3°5/24.1 | 18 | | 422848 | 2002 <i>GU</i> ₁₄₃ | 10 26.5 | 130°60 | 0°3/26.8 | 17 | |
| 9 18 | 2 32.60 | +6 47.9 | 1.509 | 2.344 | 17.1 | 19.9 | 9 18 | 2 36.52 | +15 21.1 | 1.739 | 2.539 | 16.6 | 21.9 |
| 9 28 | 2 27.99 | +5 56.3 | 1.467 | 2.374 | 13.1 | 19.8 | 9 28 | 2 31.14 | +15 7.6 | 1.669 | 2.554 | 13.1 | 21.7 |
| 10 8 | 2 20.91 | +4 58.9 | 1.447 | 2.405 | 8.7 | 19.6 | 10 8 | 2 23.19 | +14 41.6 | 1.620 | 2.567 | 8.9 | 21.5 |
| 10 18 | 2 12.16 | +4 1.7 | 1.451 | 2.435 | 4.7 | 19.4 | 10 18 | 2 13.36 | +14 4.9 | 1.595 | 2.580 | 4.3 | 21.3 |
| 10 28 | 2 2.90 | +3 11.9 | 1.482 | 2.466 | 4.0 | 19.5 | 10 28 | 2 2.73 | +13 21.7 | 1.599 | 2.593 | 0.7 | 21.0 |
| 11 7 | 1 54.33 | +2 35.5 | 1.540 | 2.497 | 7.5 | 19.8 | 11 7 | 1 52.53 | +12 37.6 | 1.632 | 2.604 | 5.3 | 21.4 |
| 11 17 | 1 47.40 | +2 16.2 | 1.623 | 2.527 | 11.3 | 20.1 | 11 17 | 1 43.85 | +11 58.7 | 1.692 | 2.615 | 9.7 | 21.7 |
| 11 27 | 1 42.78 | +2 15.4 | 1.729 | 2.558 | 14.6 | 20.3 | 11 27 | 1 37.52 | +11 30.2 | 1.777 | 2.625 | 13.4 | 21.9 |
| 26704 | 2001 <i>FW</i> ₁₄₄ | 10 26.5 | 325°49 | 0°4/26.3 | 18 | | 39112 | 2000 <i>WB</i> ₃₁ | 10 26.5 | 112°33 | 7°1/21.5 | 18 | |
| 9 18 | 2 28.70 | +14 10.1 | 1.687 | 2.507 | 16.2 | 19.4 | 9 18 | 2 34.65 | +5 46.1 | 1.874 | 2.697 | 14.7 | 18.3 |
| 9 28 | 2 25.32 | +13 45.5 | 1.604 | 2.502 | 12.8 | 19.2 | 9 28 | 2 29.29 | +6 39.0 | 1.819 | 2.710 | 11.9 | 18.2 |
| 10 8 | 2 19.45 | +13 8.0 | 1.542 | 2.497 | 8.7 | 18.9 | 10 8 | 2 21.71 | +7 27.0 | 1.787 | 2.723 | 9.1 | 18.0 |
| 10 18 | 2 11.68 | +12 20.3 | 1.505 | 2.492 | 4.0 | 18.6 | 10 18 | 2 12.59 | +8 3.5 | 1.780 | 2.736 | 7.3 | 18.0 |
| 10 28 | 2 2.95 | +11 27.2 | 1.494 | 2.487 | 0.9 | 18.4 | 10 28 | 2 2.88 | +8 22.6 | 1.800 | 2.748 | 7.6 | 18.0 |
| 11 7 | 1 54.46 | +10 35.3 | 1.511 | 2.483 | 5.7 | 18.7 | 11 7 | 1 53.63 | +8 20.8 | 1.847 | 2.760 | 9.8 | 18.2 |
| 11 17 | 1 47.28 | +9 51.0 | 1.554 | 2.479 | 10.2 | 19.0 | 11 17 | 1 45.75 | +7 57.3 | 1.919 | 2.772 | 12.4 | 18.4 |
| 11 27 | 1 42.27 | +9 19.9 | 1.620 | 2.475 | 14.2 | 19.2 | 11 27 | 1 39.92 | +7 13.7 | 2.014 | 2.783 | 15.0 | 18.6 |
| 6338 | Isaasato | 10 26.5 | 91°75 | 5°0/22.3 | 18 | | 77808 | 2001 <i>QQ</i> ₁₂₆ | 10 26.6 | 136°47 | 4°2/30.8 | 18 | |
| 9 18 | 2 30.48 | +2 43.3 | 2.354 | 3.173 | 12.2 | 16.9 | 9 18 | 2 31.16 | +28 18.0 | 2.239 | 2.982 | 15.1 | 20.0 |
| 9 28 | 2 25.68 | +3 16.9 | 2.289 | 3.182 | 9.7 | 16.7 | 9 28 | 2 26.70 | +28 15.7 | 2.154 | 2.990 | 12.5 | 19.8 |
| 10 8 | 2 19.12 | +3 48.2 | 2.247 | 3.190 | 7.1 | 16.6 | 10 8 | 2 20.08 | +27 55.2 | 2.090 | 2.998 | 9.6 | 19.6 |
| 10 18 | 2 11.33 | +4 13.0 | 2.233 | 3.199 | 5.2 | 16.5 | 10 18 | 2 11.89 | +27 15.7 | 2.050 | 3.005 | 6.5 | 19.4 |
| 10 28 | 2 3.04 | +4 26.8 | 2.246 | 3.207 | 5.4 | 16.5 | 10 28 | 2 2.99 | +26 18.7 | 2.037 | 3.012 | 4.4 | 19.3 |
| 11 7 | 1 55.03 | +4 26.9 | 2.289 | 3.216 | 7.4 | 16.7 | 11 7 | 1 54.37 | +25 9.0 | 2.053 | 3.019 | 5.1 | 19.4 |
| 11 17 | 1 48.04 | +4 11.8 | 2.358 | 3.224 | 9.9 | 16.8 | 11 17 | 1 46.94 | +23 52.7 | 2.097 | 3.026 | 7.8 | 19.6 |
| 11 27 | 1 42.63 | +3 41.6 | 2.451 | 3.233 | 12.3 | 17.0 | 11 27 | 1 41.43 | +22 37.4 | 2.169 | 3.032 | 10.7 | 19.8 |
| 476868 | 2008 <i>VS</i> ₈ | 10 26.5 | 7°95 | 4°4/29.7 | 16 | | 32037 | Deepikakurup | 10 26.6 | 40°25 | 1°7/27.6 | 18 | |
| 9 18 | 2 27.78 | +24 21.5 | 1.356 | 2.163 | 20.2 | 20.9 | 9 18 | 2 31.83 | +17 53.6 | 1.267 | 2.093 | 20.2 | 18.7 |
| 9 28 | 2 25.37 | +24 34.7 | 1.284 | 2.163 | 16.6 | 20.7 | 9 28 | 2 28.33 | +17 56.0 | 1.211 | 2.108 | 16.1 | 18.5 |
| 10 8 | 2 19.87 | +24 25.0 | 1.229 | 2.165 | 12.3 | 20.5 | 10 8 | 2 21.70 | +17 40.7 | 1.173 | 2.124 | 11.2 | 18.3 |
| 10 18 | 2 11.97 | +23 51.2 | 1.195 | 2.167 | 7.8 | 20.2 | 10 18 | 2 12.75 | +17 9.0 | 1.157 | 2.141 | 5.8 | 18.0 |
| 10 28 | 2 2.91 | +22 55.6 | 1.185 | 2.171 | 4.5 | 20.0 | 10 28 | 2 2.85 | +16 25.5 | 1.166 | 2.158 | 1.7 | 17.8 |
| 11 7 | 1 54.20 | +21 45.4 | 1.200 | 2.175 | 6.4 | 20.2 | 11 7 | 1 53.56 | +15 37.6 | 1.200 | 2.176 | 6.0 | 18.2 |
| 11 17 | 1 47.23 | +20 30.3 | 1.240 | 2.180 | 10.7 | 20.4 | 11 17 | 1 46.18 | +14 53.3 | 1.259 | 2.195 | 11.0 | 18.5 |
| 11 27 | 1 43.00 | +19 20.9 | 1.303 | 2.186 | 15.0 | 20.7 | 11 27 | 1 41.63 | +14 19.9 | 1.341 | 2.214 | 15.3 | 18.8 |
| 395860 | 2013 <i>AF</i> ₅ | 10 26.5 | 308°58 | 0°4/26.3 | 16 | | 151506 | 2002 <i>LV</i> ₅₇ | 10 26.6 | 29°87 | 2°2/27.9 | 18 | |
| 9 18 | 2 30.07 | +13 11.7 | 1.636 | 2.459 | 16.6 | 21.7 | 9 18 | 2 28.67 | +19 24.0 | 0.966 | 1.814 | 23.5 | 18.5 |
| 9 28 | 2 26.57 | +13 0.8 | 1.549 | 2.447 | 13.1 | 21.5 | 9 28 | 2 26.55 | +19 20.1 | 0.923 | 1.832 | 18.6 | 18.3 |
| 10 8 | 2 20.43 | +12 38.6 | 1.482 | 2.436 | 8.9 | 21.2 | 10 8 | 2 20.78 | +18 52.4 | 0.896 | 1.852 | 13.0 | 18.1 |
| 10 18 | 2 12.20 | +12 7.1 | 1.438 | 2.425 | 4.2 | 20.9 | 10 18 | 2 12.36 | +18 3.0 | 0.889 | 1.873 | 6.9 | 17.8 |
| 10 28 | 2 2.87 | +11 30.4 | 1.422 | 2.415 | 1.0 | 20.6 | 10 28 | 2 2.93 | +16 58.7 | 0.904 | 1.896 | 2.2 | 17.6 |
| 11 7 | 1 53.69 | +10 54.5 | 1.432 | 2.404 | 5.9 | 21.0 | 11 7 | 1 54.35 | +15 50.4 | 0.942 | 1.920 | 6.8 | 18.0 |
| 11 17 | 1 45.84 | +10 25.2 | 1.469 | 2.394 | 10.6 | 21.2 | 11 17 | 1 48.06 | +14 49.1 | 1.002 | 1.945 | 12.2 | 18.4 |
| 11 27 | 1 40.29 | +10 7.7 | 1.528 | 2.385 | 14.8 | 21.4 | 11 27 | 1 44.99 | +14 3.6 | 1.083 | 1.971 | 17.0 | 18.7 |
| 132694 | 2002 <i>NH</i> ₃₄ | 10 26.5 | 138°51 | 3°4/30.1 | 18 | | 438321 | 2006 <i>KU</i> ₈ | 10 26.6 | 114°67 | 2°6/29.2 | 18 | |
| 9 18 | 2 28.19 | +25 41.7 | 2.451 | 3.205 | 13.6 | 19.7 | 9 18 | 2 31.72 | +24 34.1 | 2.154 | 2.916 | 15.0 | 21.4 |
| 9 28 | 2 24.22 | +25 44.3 | 2.360 | 3.206 | 11.2 | 19.5 | 9 28 | 2 26.99 | +24 4.5 | 2.079 | 2.934 | 12.2 | 21.3 |
| 10 8 | 2 18.35 | +25 31.9 | 2.290 | 3.206 | 8.4 | 19.3 | 10 8 | 2 20.16 | +23 17.1 | 2.026 | 2.951 | 8.8 | 21.1 |
| 10 18 | 2 11.06 | +25 4.3 | 2.244 | 3.207 | 5.5 | 19.1 | 10 18 | 2 11.88 | +22 13.1 | 1.997 | 2.968 | 5.3 | 20.9 |
| 10 28 | 2 3.08 | +24 22.7 | 2.227 | 3.207 | 3.5 | 19.0 | 10 28 | 2 3.01 | +20 56.0 | 1.998 | 2.985 | 2.7 | 20.8 |
| 11 7 | 1 55.28 | +23 30.9 | 2.238 | 3.207 | 4.5 | 19.1 | 11 7 | 1 54.55 | +19 31.9 | 2.028 | 3.001 | 4.4 | 20.9 |
| 11 17 | 1 48.47 | +22 33.8 | 2.279 | 3.208 | 7.2 | 19.2 | 11 17 | 1 47.33 | +18 7.8 | 2.087 | 3.016 | 7.7 | 21.1 |
| 11 27 | 1 43.31 | +21 37.3 | 2.346 | 3.208 | 10.0 | 19.4 | 11 27 | 1 42.03 | +16 50.6 | 2.174 | 3.031 | 10.9 | 21.4 |

EPHEMERIDES

10 26.6

10 26.6

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|--------|------------------------|----------------------------|----------|-------|---------|------|--------|------------------------|----------------------------|----------|-------|---------|------|
| 359885 | 2011 WV ₄₃ | 10 26.6 293°82 2°8/24.3 18 | | | | | 156075 | 2001 SY ₁₃₇ | 10 26.6 320°23 0°2/26.4 18 | | | | |
| 9 18 | 2 28.85 | + 7 19.4 | 1.933 | 2.759 | 14.2 | 20.6 | 9 18 | 2 27.72 | +14 32.7 | 1.354 | 2.191 | 18.6 | 19.8 |
| 9 28 | 2 25.04 | + 6 41.6 | 1.851 | 2.753 | 11.1 | 20.4 | 9 28 | 2 25.36 | +14 15.0 | 1.267 | 2.174 | 14.8 | 19.5 |
| 10 8 | 2 19.07 | + 5 57.2 | 1.791 | 2.747 | 7.5 | 20.2 | 10 8 | 2 19.99 | +13 41.5 | 1.200 | 2.157 | 10.2 | 19.2 |
| 10 18 | 2 11.46 | + 5 10.4 | 1.757 | 2.742 | 3.9 | 20.0 | 10 18 | 2 12.15 | +12 54.4 | 1.154 | 2.142 | 4.8 | 18.9 |
| 10 28 | 2 3.07 | + 4 26.4 | 1.750 | 2.736 | 3.2 | 19.9 | 10 28 | 2 2.96 | +11 59.2 | 1.133 | 2.127 | 0.9 | 18.6 |
| 11 7 | 1 54.89 | + 3 50.9 | 1.772 | 2.731 | 6.5 | 20.1 | 11 7 | 1 53.88 | +11 3.7 | 1.138 | 2.112 | 6.7 | 18.9 |
| 11 17 | 1 47.82 | + 3 28.1 | 1.821 | 2.726 | 10.2 | 20.3 | 11 17 | 1 46.33 | +10 16.4 | 1.167 | 2.099 | 12.1 | 19.2 |
| 11 27 | 1 42.65 | + 3 21.0 | 1.893 | 2.721 | 13.6 | 20.5 | 11 27 | 1 41.44 | + 9 44.7 | 1.217 | 2.086 | 16.9 | 19.4 |
| 255092 | 2005 UP ₄₇ | 10 26.6 50°62 7°6/26.0 17 | | | | | 414681 | 2009 WB ₁₂₅ | 10 26.6 295°27 0°3/26.3 17 | | | | |
| 9 18 | 2 59.39 | − 7 22.1 | 0.829 | 1.669 | 27.2 | 19.9 | 9 18 | 2 27.07 | +13 51.6 | 2.276 | 3.082 | 13.0 | 21.5 |
| 9 28 | 2 51.23 | − 6 12.7 | 0.781 | 1.682 | 22.0 | 19.7 | 9 28 | 2 23.48 | +13 30.7 | 2.177 | 3.067 | 10.2 | 21.3 |
| 10 8 | 2 37.84 | − 4 41.8 | 0.747 | 1.697 | 15.9 | 19.4 | 10 8 | 2 17.96 | +13 0.2 | 2.100 | 3.051 | 7.0 | 21.0 |
| 10 18 | 2 20.46 | − 2 44.9 | 0.734 | 1.712 | 10.0 | 19.1 | 10 18 | 2 10.96 | +12 21.9 | 2.049 | 3.035 | 3.3 | 20.8 |
| 10 28 | 2 1.59 | − 0 23.0 | 0.746 | 1.727 | 7.8 | 19.1 | 10 28 | 2 3.19 | +11 39.3 | 2.027 | 3.020 | 0.7 | 20.6 |
| 11 7 | 1 44.15 | + 2 15.1 | 0.782 | 1.743 | 11.9 | 19.4 | 11 7 | 1 55.51 | +10 56.8 | 2.033 | 3.004 | 4.6 | 20.8 |
| 11 17 | 1 30.45 | + 4 58.7 | 0.843 | 1.760 | 17.5 | 19.8 | 11 17 | 1 48.73 | +10 19.2 | 2.068 | 2.989 | 8.3 | 21.0 |
| 11 27 | 1 21.69 | + 7 40.0 | 0.924 | 1.777 | 22.3 | 20.1 | 11 27 | 1 43.56 | + 9 50.7 | 2.129 | 2.974 | 11.6 | 21.2 |
| 479964 | 2014 JU ₁₁ | 10 26.6 315°78 6°3/23.4 18 | | | | | 70445 | 1999 TR ₁₃ | 10 26.6 305°67 3°7/28.5 18 | | | | |
| 9 18 | 2 34.25 | − 1 40.6 | 1.481 | 2.320 | 17.1 | 20.8 | 9 18 | 2 35.78 | +19 35.7 | 1.674 | 2.466 | 17.5 | 17.9 |
| 9 28 | 2 30.20 | − 1 57.2 | 1.392 | 2.297 | 13.8 | 20.5 | 9 28 | 2 31.36 | +20 29.5 | 1.578 | 2.451 | 14.3 | 17.6 |
| 10 8 | 2 23.14 | − 2 11.2 | 1.322 | 2.274 | 10.1 | 20.2 | 10 8 | 2 23.95 | +21 12.4 | 1.502 | 2.437 | 10.5 | 17.4 |
| 10 18 | 2 13.61 | − 2 16.5 | 1.276 | 2.251 | 6.9 | 20.0 | 10 18 | 2 14.04 | +21 41.8 | 1.449 | 2.423 | 6.4 | 17.1 |
| 10 28 | 2 2.69 | − 2 6.4 | 1.255 | 2.229 | 6.8 | 19.9 | 10 28 | 2 2.65 | +21 56.6 | 1.423 | 2.409 | 3.7 | 16.9 |
| 11 7 | 1 51.79 | + 1 36.3 | 1.260 | 2.208 | 10.0 | 20.1 | 11 7 | 1 51.21 | +21 58.5 | 1.424 | 2.396 | 6.1 | 17.0 |
| 11 17 | 1 42.34 | − 0 44.7 | 1.290 | 2.187 | 14.2 | 20.3 | 11 17 | 1 41.13 | +21 51.8 | 1.452 | 2.383 | 10.3 | 17.3 |
| 11 27 | 1 35.47 | + 0 27.5 | 1.341 | 2.167 | 18.2 | 20.5 | 11 27 | 1 33.60 | +21 43.0 | 1.505 | 2.370 | 14.4 | 17.5 |
| 43378 | 2000 WM ₄₃ | 10 26.6 172°73 0°1/26.5 18 | | | | | 412826 | 2014 PF ₄₂ | 10 26.6 139°69 2°7/23.8 18 | | | | |
| 9 18 | 2 33.11 | +16 5.1 | 1.754 | 2.559 | 16.3 | 19.3 | 9 18 | 2 27.29 | + 6 29.6 | 2.400 | 3.219 | 12.0 | 21.3 |
| 9 28 | 2 28.60 | +15 24.8 | 1.674 | 2.562 | 12.9 | 19.1 | 9 28 | 2 23.30 | + 5 42.0 | 2.324 | 3.223 | 9.3 | 21.1 |
| 10 8 | 2 21.57 | +14 29.2 | 1.615 | 2.564 | 8.8 | 18.9 | 10 8 | 2 17.61 | + 4 49.4 | 2.272 | 3.226 | 6.3 | 20.9 |
| 10 18 | 2 12.66 | +13 21.2 | 1.580 | 2.566 | 4.1 | 18.6 | 10 18 | 2 10.71 | + 3 55.8 | 2.247 | 3.230 | 3.4 | 20.7 |
| 10 28 | 2 2.88 | +12 6.4 | 1.574 | 2.567 | 0.8 | 18.4 | 10 28 | 2 3.26 | + 3 5.8 | 2.251 | 3.234 | 3.1 | 20.7 |
| 11 7 | 1 53.43 | +10 52.2 | 1.597 | 2.568 | 5.6 | 18.7 | 11 7 | 1 56.04 | + 2 24.1 | 2.284 | 3.237 | 5.7 | 20.9 |
| 11 17 | 1 45.37 | + 9 46.2 | 1.647 | 2.568 | 10.0 | 19.0 | 11 17 | 1 49.73 | + 1 54.2 | 2.345 | 3.240 | 8.7 | 21.1 |
| 11 27 | 1 39.55 | + 8 54.6 | 1.721 | 2.567 | 13.9 | 19.2 | 11 27 | 1 44.93 | + 1 38.3 | 2.431 | 3.243 | 11.5 | 21.3 |
| 73532 | 2003 OF ₅ | 10 26.6 52°34 5°4/31.5 18 | | | | | 189907 | 2003 SH ₁₀₈ | 10 26.6 57°03 2°6/29.0 18 | | | | |
| 9 18 | 2 30.76 | +29 28.3 | 2.149 | 2.890 | 15.7 | 19.0 | 9 18 | 2 28.75 | +22 18.5 | 2.199 | 2.975 | 14.3 | 19.6 |
| 9 28 | 2 26.59 | +29 56.7 | 2.069 | 2.898 | 13.2 | 18.9 | 9 28 | 2 24.77 | +22 18.5 | 2.120 | 2.984 | 11.6 | 19.4 |
| 10 8 | 2 20.14 | +30 7.4 | 2.007 | 2.907 | 10.3 | 18.7 | 10 8 | 2 18.77 | +22 4.3 | 2.063 | 2.994 | 8.4 | 19.2 |
| 10 18 | 2 11.97 | +29 58.4 | 1.970 | 2.915 | 7.5 | 18.5 | 10 18 | 2 11.30 | +21 36.1 | 2.031 | 3.003 | 5.0 | 19.0 |
| 10 28 | 2 3.00 | +29 29.9 | 1.958 | 2.924 | 5.5 | 18.4 | 10 28 | 2 3.17 | +20 56.1 | 2.026 | 3.013 | 2.6 | 18.9 |
| 11 7 | 1 54.26 | +28 45.3 | 1.974 | 2.933 | 5.9 | 18.5 | 11 7 | 1 55.29 | +20 8.6 | 2.050 | 3.023 | 4.3 | 19.0 |
| 11 17 | 1 46.76 | +27 50.1 | 2.018 | 2.942 | 8.2 | 18.6 | 11 17 | 1 48.52 | +19 18.9 | 2.103 | 3.033 | 7.6 | 19.3 |
| 11 27 | 1 41.26 | +26 51.5 | 2.087 | 2.952 | 11.0 | 18.8 | 11 27 | 1 43.54 | +18 32.7 | 2.182 | 3.044 | 10.7 | 19.5 |
| 300739 | 2007 VZ ₁₅₇ | 10 26.6 54°31 2°1/24.9 18 | | | | | 337279 | 2000 VG ₅₉ | 10 26.6 14°86 8°7/2.6 18 | | | | |
| 9 18 | 2 29.64 | +10 0.4 | 1.672 | 2.501 | 16.0 | 20.8 | 9 18 | 2 26.33 | +33 44.7 | 1.267 | 2.041 | 23.0 | 19.0 |
| 9 28 | 2 25.82 | + 9 21.1 | 1.608 | 2.511 | 12.4 | 20.6 | 9 28 | 2 24.73 | +34 18.4 | 1.201 | 2.046 | 19.8 | 18.7 |
| 10 8 | 2 19.62 | + 8 32.6 | 1.565 | 2.522 | 8.2 | 20.4 | 10 8 | 2 19.71 | +34 20.3 | 1.150 | 2.052 | 16.0 | 18.5 |
| 10 18 | 2 11.70 | + 7 39.3 | 1.546 | 2.533 | 3.9 | 20.1 | 10 18 | 2 12.01 | +33 45.7 | 1.117 | 2.060 | 12.2 | 18.3 |
| 10 28 | 2 3.05 | + 6 47.3 | 1.555 | 2.544 | 2.5 | 20.1 | 10 28 | 2 3.04 | +32 34.6 | 1.105 | 2.069 | 9.2 | 18.2 |
| 11 7 | 1 54.81 | + 6 3.0 | 1.591 | 2.556 | 6.4 | 20.3 | 11 7 | 1 54.56 | +30 54.2 | 1.117 | 2.079 | 9.0 | 18.2 |
| 11 17 | 1 47.95 | + 5 31.5 | 1.653 | 2.567 | 10.5 | 20.6 | 11 17 | 1 48.08 | +28 57.0 | 1.152 | 2.090 | 11.6 | 18.4 |
| 11 27 | 1 43.23 | + 5 16.1 | 1.739 | 2.579 | 14.0 | 20.9 | 11 27 | 1 44.67 | +26 58.3 | 1.210 | 2.102 | 15.2 | 18.7 |
| 69210 | 3356 T ₂ | 10 26.6 323°25 1°5/27.4 18 | | | | | 47441 | 1999 XS ₁₉₂ | 10 26.6 314°39 4°0/28.8 18 | | | | |
| 9 18 | 2 28.29 | +15 45.0 | 1.373 | 2.205 | 18.7 | 18.0 | 9 18 | 2 33.64 | +21 5.3 | 1.426 | 2.229 | 19.5 | 19.0 |
| 9 28 | 2 26.12 | +16 6.4 | 1.270 | 2.172 | 15.1 | 17.6 | 9 28 | 2 30.04 | +21 41.8 | 1.342 | 2.222 | 16.0 | 18.7 |
| 10 8 | 2 20.79 | +16 15.6 | 1.186 | 2.140 | 10.7 | 17.3 | 10 8 | 2 23.19 | +22 1.9 | 1.276 | 2.214 | 11.7 | 18.5 |
| 10 18 | 2 12.69 | +16 12.0 | 1.123 | 2.108 | 5.6 | 16.9 | 10 18 | 2 13.69 | +22 3.4 | 1.232 | 2.207 | 7.1 | 18.2 |
| 10 28 | 2 2.83 | +15 57.3 | 1.084 | 2.077 | 1.6 | 16.6 | 10 28 | 2 2.74 | +21 46.4 | 1.213 | 2.200 | 4.0 | 18.0 |
| 11 7 | 1 52.70 | +15 35.9 | 1.071 | 2.047 | 6.5 | 16.8 | 11 7 | 1 51.91 | +21 15.2 | 1.220 | 2.193 | 6.5 | 18.1 |
| 11 17 | 1 43.93 | +15 14.4 | 1.081 | 2.018 | 12.2 | 17.0 | 11 17 | 1 42.75 | +20 37.0 | 1.252 | 2.187 | 11.1 | 18.4 |
| 11 27 | 1 37.92 | +15 0.3 | 1.112 | 1.991 | 17.4 | 17.2 | 11 27 | 1 36.46 | +20 0.5 | 1.306 | 2.181 | 15.5 | 18.6 |
| 516348 | 2017 BK ₉₄ | 10 26.6 156°20 0°9/25.7 18 | | | | | 336162 | 2008 RV ₂₁ | 10 26.6 65°17 5°5/30.3 18 | | | | |
| 9 18 | 2 28.55 | +12 19.3 | 2.161 | 2.971 | 13.5 | 22.0 | 9 18 | 2 37.71 | +25 56.3 | 1.503 | 2.277 | 19.9 | 20.2 |
| 9 28 | 2 24.55 | +11 49.4 | 2.079 | 2.972 | 10.5 | 21.8 | 9 28 | 2 32.66 | +26 37.6 | 1.446 | 2.302 | 16.4 | 20.0 |
| 10 8 | 2 18.60 | +11 10.4 | 2.020 | 2.973 | 7.0 | 21.6 | 10 8 | 2 24.50 | +26 58.1 | 1.407 | 2.326 | 12.4 | 19.8 |
| 10 18 | 2 11.20 | +10 25.0 | 1.987 | 2.974 | 3.2 | 21.4 | 10 18 | 2 14.07 | +26 55.1 | 1.390 | 2.351 | 8.3 | 19.6 |
| 10 28 | 2 3.14 | + 9 37.4 | 1.982 | 2.975 | 1.3 | 21.2 | 10 28 | 2 2.71 | +26 29.3 | 1.398 | 2.375 | 5.6 | 19.6 |
| 11 7 | 1 55.30 | + 8 52.8 | 2.007 | 2.975 | 5.0 | 21.5 | 11 7 | 1 51.96 | +25 45.8 | 1.433 | 2.400 | 6.7 | 19.7 |
| 11 17 | 1 48.50 | + 8 15.6 | 2.060 | 2.976 | 8.6 | 21.7 | 11 17 | 1 43.15 | +24 52.9 | 1.493 | 2.424 | 10.1 | 19.9 |
| 11 27 | 1 43.41 | + 7 49.7 | 2.138 | 2.977 | 11.8 | 21.9 | 11 27 | 1 37.17 | +23 59.8 | 1.578 | 2.448 | 13.6 | 20.2 |
| 216783 | 2006 QO ₁₂₂ | 10 26.6 2°89 2°1/24.9 18 | | | | | 86616 | 2000 EP ₁₁₀ | 10 26.6 244°74 1°3/25.6 18 | | | | |
| 9 18 | 2 24.11 | +12 23.6 | 1.454 | 2.297 | 17.2 | 19.5 | 9 18 | 2 32.98 | +11 24.7 | 1.793 | 2.607 | 15.6 | 20.3 |
| 9 28 | 2 | | | | | | | | | | | | |

EPHEMERIDES

10 26.6

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|------------------------------|------------------------------|----------|-------|---------|------|-------|-----------------|-------------------------------|------------------------------|-------|---------|------|
| 155906 | 2001 <i>MR</i> ₇ | 10 26.6 105°12' 3.6"/23.1 18 | | | | | | 191478 | 2003 <i>SP</i> ₃₀₃ | 10 26.6 49°63' 4.5"/30.5 18 | | | |
| 9 18 | 2 28.96 | + 1 50.3 | 2.533 | 3.350 | 11.5 | 20.2 | 9 18 | 2 31.38 | +26 13.5 | 2.165 | 2.919 | 15.2 | 19.8 |
| 9 28 | 2 24.40 | + 1 12.5 | 2.468 | 3.364 | 8.9 | 20.0 | 9 28 | 2 27.00 | +26 44.8 | 2.085 | 2.929 | 12.6 | 19.7 |
| 10 8 | 2 18.23 | + 0 33.8 | 2.427 | 3.377 | 6.2 | 19.9 | 10 8 | 2 20.40 | +27 0.6 | 2.026 | 2.938 | 9.6 | 19.5 |
| 10 18 | 2 10.96 | - 0 2.0 | 2.414 | 3.390 | 4.0 | 19.7 | 10 18 | 2 12.13 | +26 59.6 | 1.991 | 2.948 | 6.6 | 19.3 |
| 10 28 | 2 3.24 | - 0 30.9 | 2.430 | 3.403 | 4.0 | 19.8 | 10 28 | 2 3.07 | +26 42.0 | 1.983 | 2.958 | 4.6 | 19.2 |
| 11 7 | 1 55.79 | - 0 49.5 | 2.475 | 3.416 | 6.1 | 19.9 | 11 7 | 1 54.24 | +26 10.9 | 2.004 | 2.968 | 5.3 | 19.3 |
| 11 17 | 1 49.26 | - 0 55.7 | 2.548 | 3.428 | 8.7 | 20.1 | 11 17 | 1 46.60 | +25 31.2 | 2.052 | 2.979 | 8.0 | 19.5 |
| 11 27 | 1 44.18 | - 0 48.4 | 2.645 | 3.441 | 11.1 | 20.3 | 11 27 | 1 40.91 | +24 49.3 | 2.126 | 2.989 | 10.9 | 19.7 |
| 192206 | 2007 <i>JR</i> ₂₈ | 10 26.6 164°44' 0.2"/26.3 18 | | | | | | 56066 | 1998 <i>YA</i> | 10 26.6 346°34' 0.5"/26.9 18 | | | |
| 9 18 | 2 28.00 | +13 59.8 | 2.811 | 3.603 | 11.2 | 22.1 | 9 18 | 2 26.64 | +15 31.2 | 1.195 | 2.040 | 20.1 | 18.3 |
| 9 28 | 2 23.64 | +13 35.6 | 2.725 | 3.607 | 8.7 | 22.0 | 9 28 | 2 24.80 | +15 24.9 | 1.121 | 2.031 | 16.0 | 18.1 |
| 10 8 | 2 17.76 | +13 3.4 | 2.663 | 3.611 | 5.9 | 21.8 | 10 8 | 2 19.73 | +15 1.7 | 1.064 | 2.023 | 11.0 | 17.8 |
| 10 18 | 2 10.77 | +12 25.2 | 2.629 | 3.614 | 2.7 | 21.6 | 10 18 | 2 12.08 | +14 23.2 | 1.029 | 2.016 | 5.4 | 17.4 |
| 10 28 | 2 3.28 | +11 44.0 | 2.624 | 3.617 | 0.6 | 21.4 | 10 28 | 2 3.07 | +13 34.8 | 1.017 | 2.010 | 0.9 | 17.1 |
| 11 7 | 1 55.96 | +11 3.3 | 2.650 | 3.620 | 3.8 | 21.7 | 11 7 | 1 54.32 | +12 44.6 | 1.029 | 2.006 | 6.7 | 17.5 |
| 11 17 | 1 49.45 | +10 26.8 | 2.706 | 3.622 | 6.8 | 21.9 | 11 17 | 1 47.32 | +12 1.4 | 1.065 | 2.002 | 12.3 | 17.8 |
| 11 27 | 1 44.28 | + 9 57.7 | 2.788 | 3.624 | 9.5 | 22.0 | 11 27 | 1 43.21 | +11 32.8 | 1.121 | 2.000 | 17.2 | 18.1 |
| 157127 | 2004 <i>NM</i> ₁₇ | 10 26.6 99°94' 7.3"/20.7 18 | | | | | | 446532 | 2014 <i>MN</i> ₄ | 10 26.6 138°65' 1.4"/25.1 18 | | | |
| 9 18 | 2 31.25 | - 2 34.0 | 1.674 | 2.511 | 15.6 | 20.1 | 9 18 | 2 28.11 | +12 28.0 | 2.151 | 2.961 | 13.5 | 21.8 |
| 9 28 | 2 26.95 | - 4 3.5 | 1.622 | 2.524 | 12.4 | 19.9 | 9 28 | 2 24.17 | +11 28.7 | 2.073 | 2.967 | 10.5 | 21.6 |
| 10 8 | 2 20.30 | - 5 31.8 | 1.592 | 2.537 | 9.3 | 19.7 | 10 8 | 2 18.32 | +10 18.8 | 2.019 | 2.972 | 7.0 | 21.4 |
| 10 18 | 2 12.01 | - 6 50.2 | 1.588 | 2.550 | 7.4 | 19.7 | 10 18 | 2 11.09 | + 9 2.1 | 1.991 | 2.978 | 3.2 | 21.2 |
| 10 28 | 2 3.08 | - 7 50.3 | 1.610 | 2.562 | 8.0 | 19.7 | 10 28 | 2 3.26 | + 7 44.5 | 1.992 | 2.983 | 1.9 | 21.1 |
| 11 7 | 1 54.62 | - 8 26.4 | 1.657 | 2.574 | 10.5 | 19.9 | 11 7 | 1 55.70 | + 6 32.2 | 2.023 | 2.987 | 5.3 | 21.3 |
| 11 17 | 1 47.57 | - 8 36.2 | 1.729 | 2.586 | 13.4 | 20.1 | 11 17 | 1 49.21 | + 5 30.9 | 2.082 | 2.992 | 8.9 | 21.6 |
| 11 27 | 1 42.65 | - 8 20.6 | 1.822 | 2.597 | 16.1 | 20.3 | 11 27 | 1 44.41 | + 4 44.6 | 2.167 | 2.996 | 12.0 | 21.8 |
| 124322 | 2001 <i>QK</i> ₉₂ | 10 26.6 90°99' 17.7"/11.4 17 | | | | | | 23537 | 1993 <i>SA</i> ₆ | 10 26.6 288°09' 0.8"/25.8 18 | | | |
| 9 18 | 2 31.57 | -16 9.0 | 1.053 | 1.909 | 21.4 | 18.9 | 9 18 | 2 27.56 | +12 27.8 | 2.205 | 3.015 | 13.2 | 19.3 |
| 9 28 | 2 28.49 | -19 56.2 | 1.031 | 1.919 | 19.1 | 18.8 | 9 28 | 2 23.91 | +12 1.4 | 2.108 | 3.001 | 10.4 | 19.1 |
| 10 8 | 2 21.95 | -23 21.0 | 1.030 | 1.929 | 17.8 | 18.7 | 10 8 | 2 18.28 | +11 25.6 | 2.035 | 2.988 | 7.0 | 18.8 |
| 10 18 | 2 12.91 | -26 2.8 | 1.048 | 1.939 | 18.0 | 18.8 | 10 18 | 2 11.15 | +10 43.0 | 1.987 | 2.974 | 3.2 | 18.6 |
| 10 28 | 2 2.94 | -27 46.8 | 1.086 | 1.949 | 19.5 | 18.9 | 10 28 | 2 3.24 | + 9 57.4 | 1.968 | 2.960 | 1.2 | 18.4 |
| 11 7 | 1 53.77 | -28 28.9 | 1.141 | 1.958 | 21.6 | 19.1 | 11 7 | 1 55.44 | + 9 13.7 | 1.977 | 2.946 | 4.9 | 18.6 |
| 11 17 | 1 46.78 | -28 13.8 | 1.211 | 1.968 | 23.8 | 19.3 | 11 17 | 1 48.57 | + 8 36.6 | 2.015 | 2.932 | 8.7 | 18.9 |
| 11 27 | 1 42.86 | -27 11.1 | 1.293 | 1.977 | 25.7 | 19.5 | 11 27 | 1 43.38 | + 8 10.3 | 2.078 | 2.919 | 12.0 | 19.0 |
| 442887 | 2013 <i>BS</i> ₄₇ | 10 26.6 13°46' 3.9"/23.8 18 | | | | | | 330337 | 2006 <i>UT</i> ₂₆₉ | 10 26.6 72°49' 3.6"/29.2 18 | | | |
| 9 18 | 2 30.52 | + 4 20.2 | 1.723 | 2.556 | 15.4 | 21.4 | 9 18 | 2 31.95 | +23 47.5 | 1.474 | 2.268 | 19.4 | 21.0 |
| 9 28 | 2 26.53 | + 3 43.7 | 1.651 | 2.557 | 12.0 | 21.2 | 9 28 | 2 28.35 | +23 43.8 | 1.400 | 2.274 | 15.8 | 20.8 |
| 10 8 | 2 20.16 | + 3 3.2 | 1.602 | 2.558 | 8.2 | 20.9 | 10 8 | 2 21.76 | +23 18.1 | 1.345 | 2.279 | 11.6 | 20.5 |
| 10 18 | 2 12.02 | + 2 23.7 | 1.577 | 2.559 | 4.8 | 20.7 | 10 18 | 2 12.89 | +22 29.8 | 1.312 | 2.285 | 7.0 | 20.3 |
| 10 28 | 2 3.07 | + 1 51.2 | 1.579 | 2.561 | 4.4 | 20.7 | 10 28 | 2 2.97 | +21 22.2 | 1.304 | 2.291 | 3.6 | 20.1 |
| 11 7 | 1 54.43 | + 1 30.9 | 1.608 | 2.562 | 7.6 | 20.9 | 11 7 | 1 53.45 | +20 3.0 | 1.322 | 2.297 | 5.9 | 20.3 |
| 11 17 | 1 47.10 | + 1 26.4 | 1.663 | 2.564 | 11.3 | 21.1 | 11 17 | 1 45.64 | +18 41.8 | 1.367 | 2.303 | 10.3 | 20.5 |
| 11 27 | 1 41.88 | + 1 39.3 | 1.741 | 2.566 | 14.7 | 21.4 | 11 27 | 1 40.49 | +17 28.7 | 1.435 | 2.309 | 14.5 | 20.8 |
| 21057 | Garikisraelian | 10 26.6 220°33' 1.7"/27.5 18 | | | | | | 245709 | 2006 <i>CX</i> ₁₇ | 10 26.6 76°04' 7.8"/21.8 17 | | | |
| 9 18 | 2 36.19 | +16 37.6 | 1.553 | 2.359 | 18.0 | 19.2 | 9 18 | 2 36.19 | - 0 46.2 | 1.250 | 2.097 | 19.2 | 20.2 |
| 9 28 | 2 31.58 | +16 57.2 | 1.471 | 2.357 | 14.5 | 18.9 | 9 28 | 2 31.23 | - 2 16.8 | 1.214 | 2.124 | 15.1 | 20.0 |
| 10 8 | 2 23.96 | +17 4.4 | 1.408 | 2.354 | 10.1 | 18.7 | 10 8 | 2 23.31 | - 3 45.8 | 1.199 | 2.150 | 10.9 | 19.8 |
| 10 18 | 2 13.96 | +16 58.7 | 1.369 | 2.352 | 5.3 | 18.4 | 10 18 | 2 13.41 | - 5 2.8 | 1.207 | 2.177 | 8.1 | 19.8 |
| 10 28 | 2 2.73 | +16 42.0 | 1.357 | 2.349 | 1.7 | 18.1 | 10 28 | 2 2.92 | - 5 57.8 | 1.240 | 2.203 | 8.5 | 19.9 |
| 11 7 | 1 51.72 | +16 18.9 | 1.372 | 2.346 | 5.8 | 18.4 | 11 7 | 1 53.30 | - 6 24.8 | 1.298 | 2.229 | 11.5 | 20.1 |
| 11 17 | 1 42.29 | +15 55.4 | 1.414 | 2.344 | 10.6 | 18.7 | 11 17 | 1 45.68 | - 6 22.6 | 1.378 | 2.254 | 15.0 | 20.4 |
| 11 27 | 1 35.51 | +15 37.7 | 1.479 | 2.340 | 14.8 | 18.9 | 11 27 | 1 40.80 | - 5 53.4 | 1.479 | 2.279 | 18.1 | 20.7 |
| 308826 | 2006 <i>RJ</i> ₅ | 10 26.6 10°15' 0.5"/26.9 18 | | | | | | 405749 | 2005 <i>YX</i> ₁₀₇ | 10 26.6 320°58' 3.8"/30.2 18 | | | |
| 9 18 | 2 24.76 | +19 17.9 | 1.539 | 2.358 | 17.6 | 19.9 | 9 18 | 2 28.45 | +26 3.8 | 2.162 | 2.924 | 15.0 | 21.0 |
| 9 28 | 2 22.44 | +18 19.6 | 1.465 | 2.360 | 13.9 | 19.7 | 9 28 | 2 24.79 | +26 7.4 | 2.070 | 2.920 | 12.4 | 20.8 |
| 10 8 | 2 17.59 | +17 0.2 | 1.411 | 2.362 | 9.6 | 19.4 | 10 8 | 2 18.96 | +25 54.0 | 1.999 | 2.917 | 9.4 | 20.6 |
| 10 18 | 2 10.85 | +15 23.4 | 1.380 | 2.366 | 4.7 | 19.2 | 10 18 | 2 11.49 | +25 22.9 | 1.951 | 2.914 | 6.2 | 20.5 |
| 10 28 | 2 3.28 | +13 36.7 | 1.376 | 2.369 | 0.7 | 18.9 | 10 28 | 2 3.20 | +24 35.6 | 1.930 | 2.910 | 3.9 | 20.3 |
| 11 7 | 1 56.06 | +11 50.0 | 1.399 | 2.374 | 5.6 | 19.3 | 11 7 | 1 55.09 | +23 36.2 | 1.938 | 2.907 | 4.9 | 20.4 |
| 11 17 | 1 50.26 | +10 13.6 | 1.449 | 2.379 | 10.3 | 19.5 | 11 17 | 1 48.08 | +22 30.8 | 1.973 | 2.905 | 8.0 | 20.6 |
| 11 27 | 1 46.69 | + 8 55.4 | 1.522 | 2.386 | 14.4 | 19.8 | 11 27 | 1 42.95 | +21 26.4 | 2.035 | 2.902 | 11.1 | 20.7 |
| 447393 | 2006 <i>BC</i> ₇₂ | 10 26.6 281°16' 2.9"/23.9 17 | | | | | | 511649 | 2015 <i>BO</i> ₂₅₈ | 10 26.6 175°36' 4.2"/29.7 17 | | | |
| 9 18 | 2 28.40 | + 5 46.3 | 2.286 | 3.105 | 12.5 | 21.3 | 9 18 | 2 34.67 | +25 12.9 | 1.663 | 2.437 | 18.3 | 21.8 |
| 9 28 | 2 24.47 | + 5 10.5 | 2.187 | 3.085 | 9.8 | 21.1 | 9 28 | 2 30.29 | +25 20.4 | 1.580 | 2.439 | 15.1 | 21.6 |
| 10 8 | 2 18.63 | + 4 29.7 | 2.111 | 3.065 | 6.7 | 20.9 | 10 8 | 2 23.01 | +25 7.4 | 1.515 | 2.440 | 11.3 | 21.3 |
| 10 18 | 2 11.30 | + 3 47.5 | 2.062 | 3.045 | 3.7 | 20.6 | 10 18 | 2 13.49 | +24 32.4 | 1.474 | 2.441 | 7.2 | 21.1 |
| 10 28 | 2 3.19 | + 3 8.6 | 2.041 | 3.024 | 3.3 | 20.6 | 10 28 | 2 2.87 | +23 37.1 | 1.458 | 2.441 | 4.3 | 20.9 |
| 11 7 | 1 55.14 | + 2 37.6 | 2.049 | 3.004 | 6.2 | 20.7 | 11 7 | 1 52.54 | +22 27.1 | 1.470 | 2.441 | 5.9 | 21.0 |
| 11 17 | 1 47.97 | + 2 18.3 | 2.085 | 2.983 | 9.5 | 20.9 | 11 17 | 1 43.79 | +21 11.2 | 1.509 | 2.441 | 9.8 | 21.3 |
| 11 27 | 1 42.40 | + 2 13.4 | 2.146 | 2.962 | 12.6 | 21.1 | 11 27 | 1 37.60 | +19 58.9 | 1.572 | 2.440 | 13.8 | 21.5 |
| 107804 | 2001 <i>FV</i> ₅₈ | 10 26.6 6°78' 1.3"/28.6 18 | | | | | | 319264 | 2006 <i>BE</i> ₁₂ | 10 26.6 54°01' 1.7"/25.1 18 | | | |
| 9 18 | 2 21.86 | +20 14.0 | 4.359 | 5.121 | 8.0 | 19.4 | 9 | | | | | | |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|------------------------------|-----------------|-------------|-------|---------|------|
| 135374 | 2001 <i>TT</i> ₁₃₈ | 10 26.6 311°55 | 4°3/28.7 18 | | | | 41593 | 2000 <i>SH</i> ₅₈ | 10 26.6 336°34 | 0°5/26.2 18 | | | |
| 9 18 | 2 35.46 | +20 37.9 | 1.743 | 2.529 | 17.2 | 18.6 | 9 18 | 2 27.90 | +13 40.8 | 1.911 | 2.726 | 14.8 | 19.7 |
| 9 28 | 2 31.20 | +21 40.4 | 1.636 | 2.505 | 14.2 | 18.4 | 9 28 | 2 24.42 | +13 15.0 | 1.827 | 2.722 | 11.6 | 19.5 |
| 10 8 | 2 23.96 | +22 33.1 | 1.550 | 2.481 | 10.6 | 18.1 | 10 8 | 2 18.74 | +12 38.1 | 1.765 | 2.718 | 7.8 | 19.3 |
| 10 18 | 2 14.15 | +23 12.7 | 1.488 | 2.458 | 6.8 | 17.8 | 10 18 | 2 11.40 | +11 52.7 | 1.728 | 2.715 | 3.6 | 19.0 |
| 10 28 | 2 2.72 | +23 37.2 | 1.452 | 2.435 | 4.3 | 17.6 | 10 28 | 2 3.27 | +11 3.2 | 1.719 | 2.712 | 1.0 | 18.8 |
| 11 7 | 1 51.05 | +23 47.1 | 1.443 | 2.413 | 6.3 | 17.7 | 11 7 | 1 55.33 | +10 15.2 | 1.738 | 2.709 | 5.2 | 19.1 |
| 11 17 | 1 40.58 | +23 46.2 | 1.461 | 2.391 | 10.4 | 17.9 | 11 17 | 1 48.55 | +9 34.3 | 1.784 | 2.707 | 9.3 | 19.3 |
| 11 27 | 1 32.58 | +23 40.6 | 1.504 | 2.369 | 14.4 | 18.1 | 11 27 | 1 43.67 | +9 5.2 | 1.855 | 2.704 | 12.9 | 19.6 |
| 227046 | 2005 <i>BE</i> ₂₉ | 10 26.6 281°07 | 2°0/28.3 17 | | | | 54174 | 2000 <i>HD</i> ₅₉ | 10 26.6 356°68 | 2°8/27.9 18 | | | |
| 9 18 | 2 29.85 | +19 25.8 | 2.428 | 3.206 | 13.1 | 20.5 | 9 18 | 2 34.61 | +16 18.4 | 1.470 | 2.284 | 18.5 | 18.4 |
| 9 28 | 2 25.65 | +19 36.5 | 2.322 | 3.190 | 10.6 | 20.3 | 9 28 | 2 30.59 | +17 17.4 | 1.391 | 2.280 | 14.9 | 18.1 |
| 10 8 | 2 19.47 | +19 36.6 | 2.238 | 3.173 | 7.6 | 20.1 | 10 8 | 2 23.46 | +18 7.1 | 1.332 | 2.277 | 10.6 | 17.9 |
| 10 18 | 2 11.74 | +19 25.9 | 2.180 | 3.157 | 4.3 | 19.9 | 10 18 | 2 13.83 | +18 45.4 | 1.295 | 2.275 | 5.9 | 17.6 |
| 10 28 | 2 3.16 | +19 5.7 | 2.151 | 3.140 | 2.0 | 19.7 | 10 28 | 2 2.86 | +19 11.6 | 1.284 | 2.274 | 2.8 | 17.4 |
| 11 7 | 1 54.61 | +18 39.0 | 2.151 | 3.124 | 4.2 | 19.8 | 11 7 | 1 52.05 | +19 27.9 | 1.300 | 2.274 | 6.0 | 17.6 |
| 11 17 | 1 46.94 | +18 9.8 | 2.180 | 3.107 | 7.5 | 20.0 | 11 17 | 1 42.84 | +19 38.0 | 1.341 | 2.275 | 10.7 | 17.9 |
| 11 27 | 1 40.89 | +17 42.7 | 2.235 | 3.090 | 10.7 | 20.2 | 11 27 | 1 36.36 | +19 47.7 | 1.406 | 2.277 | 14.9 | 18.2 |
| 512556 | 2016 <i>SR</i> ₁₉ | 10 26.6 89°94 | 0°3/26.8 17 | | | | 484079 | 2006 <i>KS</i> ₈₃ | 10 26.6 247°02 | 4°7/21.6 18 | | | |
| 9 18 | 2 34.05 | +15 55.2 | 1.644 | 2.451 | 17.1 | 21.1 | 9 18 | 2 26.89 | -1 0.8 | 2.506 | 3.330 | 11.4 | 21.6 |
| 9 28 | 2 29.31 | +15 33.9 | 1.582 | 2.470 | 13.4 | 20.9 | 9 28 | 2 22.99 | -1 55.5 | 2.427 | 3.324 | 9.0 | 21.4 |
| 10 8 | 2 22.01 | +14 58.9 | 1.540 | 2.489 | 9.1 | 20.7 | 10 8 | 2 17.44 | -2 50.6 | 2.373 | 3.318 | 6.6 | 21.3 |
| 10 18 | 2 12.87 | +14 12.6 | 1.523 | 2.508 | 4.4 | 20.5 | 10 18 | 2 10.70 | -3 41.2 | 2.345 | 3.313 | 4.9 | 21.2 |
| 10 28 | 2 3.01 | +13 19.9 | 1.533 | 2.526 | 0.7 | 20.3 | 10 28 | 2 3.40 | -4 22.5 | 2.346 | 3.307 | 5.2 | 21.2 |
| 11 7 | 1 53.66 | +12 27.3 | 1.571 | 2.544 | 5.4 | 20.7 | 11 7 | 1 56.26 | -4 50.4 | 2.375 | 3.301 | 7.2 | 21.3 |
| 11 17 | 1 45.87 | +11 41.3 | 1.637 | 2.562 | 9.8 | 21.0 | 11 17 | 1 49.97 | -5 2.3 | 2.431 | 3.295 | 9.8 | 21.5 |
| 11 27 | 1 40.43 | +11 7.2 | 1.727 | 2.580 | 13.5 | 21.2 | 11 27 | 1 45.10 | -4 57.3 | 2.511 | 3.289 | 12.1 | 21.6 |
| 174464 | 2002 <i>YM</i> ₂₂ | 10 26.6 66°04 | 5°1/31.4 18 | | | | 172139 | 2002 <i>JS</i> ₇₇ | 10 26.6 245°30 | 0°1/26.6 18 | | | |
| 9 18 | 2 30.19 | +29 28.6 | 1.940 | 2.690 | 16.8 | 19.7 | 9 18 | 2 35.74 | +13 36.4 | 1.537 | 2.352 | 17.8 | 20.3 |
| 9 28 | 2 26.36 | +29 33.6 | 1.861 | 2.698 | 14.1 | 19.5 | 9 28 | 2 31.29 | +13 39.2 | 1.450 | 2.344 | 14.1 | 20.1 |
| 10 8 | 2 20.10 | +29 17.6 | 1.800 | 2.706 | 10.9 | 19.3 | 10 8 | 2 23.84 | +13 30.9 | 1.384 | 2.335 | 9.7 | 19.8 |
| 10 18 | 2 12.03 | +28 39.3 | 1.762 | 2.714 | 7.6 | 19.1 | 10 18 | 2 13.98 | +13 12.6 | 1.341 | 2.327 | 4.7 | 19.5 |
| 10 28 | 2 3.14 | +27 40.1 | 1.750 | 2.723 | 5.3 | 19.0 | 10 28 | 2 2.84 | +12 47.7 | 1.325 | 2.318 | 0.7 | 19.2 |
| 11 7 | 1 54.58 | +26 25.1 | 1.765 | 2.731 | 5.8 | 19.1 | 11 7 | 1 51.85 | +12 21.3 | 1.336 | 2.309 | 6.1 | 19.5 |
| 11 17 | 1 47.38 | +25 1.9 | 1.809 | 2.739 | 8.6 | 19.3 | 11 17 | 1 42.39 | +11 59.6 | 1.373 | 2.299 | 11.2 | 19.8 |
| 11 27 | 1 42.33 | +23 39.4 | 1.878 | 2.748 | 11.8 | 19.5 | 11 27 | 1 35.54 | +11 48.0 | 1.434 | 2.290 | 15.6 | 20.0 |
| 321584 | 2009 <i>UG</i> ₂₁ | 10 26.6 317°98 | 1°6/24.1 18 | | | | 225146 | 2008 <i>GQ</i> ₁ | 10 26.6 170°31 | 0°7/27.1 17 | | | |
| 9 18 | 2 22.09 | +5 25.1 | 4.089 | 4.896 | 7.7 | 20.5 | 9 18 | 2 34.27 | +16 39.6 | 1.837 | 2.634 | 16.0 | 21.3 |
| 9 28 | 2 18.64 | +5 6.1 | 4.000 | 4.893 | 5.9 | 20.3 | 9 28 | 2 29.48 | +16 25.0 | 1.755 | 2.637 | 12.7 | 21.1 |
| 10 8 | 2 14.21 | +4 45.3 | 3.938 | 4.890 | 4.0 | 20.2 | 10 8 | 2 22.20 | +15 57.1 | 1.694 | 2.640 | 8.7 | 20.8 |
| 10 18 | 2 9.09 | +4 24.5 | 3.903 | 4.886 | 2.1 | 20.1 | 10 18 | 2 13.05 | +15 17.3 | 1.659 | 2.642 | 4.3 | 20.6 |
| 10 28 | 2 3.65 | +4 5.7 | 3.899 | 4.883 | 1.9 | 20.0 | 10 28 | 2 3.02 | +14 29.3 | 1.651 | 2.644 | 0.8 | 20.3 |
| 11 7 | 1 58.29 | +3 50.9 | 3.926 | 4.879 | 3.5 | 20.1 | 11 7 | 1 53.26 | +13 38.9 | 1.672 | 2.645 | 5.1 | 20.7 |
| 11 17 | 1 53.40 | +3 41.9 | 3.982 | 4.876 | 5.5 | 20.3 | 11 17 | 1 44.86 | +12 52.1 | 1.721 | 2.646 | 9.4 | 20.9 |
| 11 27 | 1 49.34 | +3 39.9 | 4.064 | 4.873 | 7.3 | 20.4 | 11 27 | 1 38.65 | +12 14.9 | 1.795 | 2.646 | 13.2 | 21.2 |
| 320009 | 2007 <i>DU</i> ₃₈ | 10 26.6 55°22 | 4°6/21.9 18 | | | | 424448 | 2008 <i>CU</i> ₆₂ | 10 26.6 134°75 | 4°9/22.6 17 | | | |
| 9 18 | 2 26.06 | +2 51.5 | 2.103 | 2.936 | 13.0 | 20.2 | 9 18 | 2 33.26 | +3 10.0 | 1.788 | 2.614 | 15.2 | 21.4 |
| 9 28 | 2 22.59 | +1 32.5 | 2.036 | 2.941 | 10.1 | 20.0 | 9 28 | 2 28.43 | +1 55.9 | 1.726 | 2.627 | 11.8 | 21.2 |
| 10 8 | 2 17.26 | +0 9.7 | 1.993 | 2.946 | 7.1 | 19.9 | 10 8 | 2 21.30 | +0 37.7 | 1.687 | 2.639 | 8.2 | 21.0 |
| 10 18 | 2 10.62 | -1 10.8 | 1.976 | 2.951 | 4.8 | 19.7 | 10 18 | 2 12.54 | -0 37.8 | 1.674 | 2.651 | 5.4 | 20.9 |
| 10 28 | 2 3.40 | -2 22.2 | 1.987 | 2.956 | 5.2 | 19.8 | 10 28 | 2 3.13 | -1 42.9 | 1.689 | 2.662 | 5.5 | 20.9 |
| 11 7 | 1 56.44 | -3 18.6 | 2.026 | 2.962 | 7.7 | 19.9 | 11 7 | 1 54.14 | -2 31.2 | 1.732 | 2.672 | 8.4 | 21.1 |
| 11 17 | 1 50.52 | -3 56.2 | 2.092 | 2.967 | 10.6 | 20.1 | 11 17 | 1 46.52 | -2 59.0 | 1.801 | 2.681 | 11.8 | 21.3 |
| 11 27 | 1 46.23 | -4 13.4 | 2.181 | 2.973 | 13.3 | 20.3 | 11 27 | 1 40.98 | -3 4.9 | 1.893 | 2.690 | 14.8 | 21.6 |
| 167127 | 2003 <i>SX</i> ₁₄₃ | 10 26.6 348°37 | 3°5/28.5 18 | | | | 171008 | 2005 <i>ET</i> ₂₈ | 10 26.6 165°97 | 0°4/26.9 18 | | | |
| 9 18 | 2 25.44 | +19 26.2 | 1.199 | 2.036 | 20.5 | 19.4 | 9 18 | 2 32.95 | +15 21.2 | 2.546 | 3.328 | 12.4 | 21.2 |
| 9 28 | 2 24.04 | +20 0.5 | 1.122 | 2.023 | 16.7 | 19.1 | 9 28 | 2 27.69 | +15 13.4 | 2.459 | 3.334 | 9.8 | 21.0 |
| 10 8 | 2 19.38 | +20 17.6 | 1.061 | 2.011 | 12.2 | 18.8 | 10 8 | 2 20.61 | +14 56.8 | 2.396 | 3.339 | 6.7 | 20.8 |
| 10 18 | 2 12.00 | +20 15.7 | 1.021 | 2.002 | 7.1 | 18.5 | 10 18 | 2 12.21 | +14 32.5 | 2.360 | 3.344 | 3.3 | 20.6 |
| 10 28 | 2 3.13 | +19 56.2 | 1.004 | 1.994 | 3.5 | 18.2 | 10 28 | 2 3.18 | +14 3.1 | 2.354 | 3.347 | 0.6 | 20.4 |
| 11 7 | 1 54.41 | +19 24.4 | 1.010 | 1.987 | 6.6 | 18.4 | 11 7 | 1 54.35 | +13 32.1 | 2.379 | 3.350 | 4.0 | 20.7 |
| 11 17 | 1 47.42 | +18 48.2 | 1.039 | 1.983 | 11.8 | 18.7 | 11 17 | 1 46.48 | +13 3.3 | 2.433 | 3.353 | 7.3 | 20.9 |
| 11 27 | 1 43.39 | +18 16.9 | 1.089 | 1.980 | 16.6 | 19.0 | 11 27 | 1 40.21 | +12 40.3 | 2.515 | 3.355 | 10.2 | 21.1 |
| 396357 | 2014 <i>DJ</i> ₈₄ | 10 26.6 90°86 | 5°2/30.2 18 | | | | 58936 | 1998 <i>PJ</i> ₁ | 10 26.6 134°39 | 1°8/25.3 18 | | | |
| 9 18 | 2 37.80 | +25 30.2 | 1.854 | 2.611 | 17.3 | 20.8 | 9 18 | 2 34.27 | +10 24.2 | 1.707 | 2.524 | 16.2 | 20.1 |
| 9 28 | 2 32.46 | +26 24.1 | 1.777 | 2.622 | 14.3 | 20.7 | 9 28 | 2 29.46 | +9 52.1 | 1.637 | 2.534 | 12.6 | 19.9 |
| 10 8 | 2 24.35 | +27 2.1 | 1.720 | 2.633 | 10.9 | 20.5 | 10 8 | 2 22.15 | +9 10.7 | 1.588 | 2.542 | 8.4 | 19.7 |
| 10 18 | 2 14.11 | +27 21.2 | 1.687 | 2.644 | 7.5 | 20.3 | 10 18 | 2 13.00 | +8 23.7 | 1.564 | 2.551 | 4.0 | 19.5 |
| 10 28 | 2 2.81 | +27 20.5 | 1.680 | 2.654 | 5.3 | 20.2 | 10 28 | 2 3.05 | +7 36.8 | 1.568 | 2.559 | 2.2 | 19.4 |
| 11 7 | 1 51.78 | +27 2.5 | 1.702 | 2.665 | 6.3 | 20.3 | 11 7 | 1 53.49 | +6 55.9 | 1.601 | 2.566 | 6.3 | 19.7 |
| 11 17 | 1 42.25 | +26 32.7 | 1.751 | 2.675 | 9.3 | 20.5 | 11 17 | 1 45.37 | +6 26.3 | 1.660 | 2.573 | 10.5 | 19.9 |
| 11 27 | 1 35.17 | +25 58.5 | 1.825 | 2.686 | 12.5 | 20.7 | 11 27 | 1 39.51 | +6 11.6 | 1.743 | 2.580 | 14.2 | 20.2 |
| 376377 | 2012 <i>DK</i> ₁₆ | 10 26.6 116°12 | 5°1/23.0 17 | | | | 487235 | 2014 <i>PQ</i> ₁₀ | 10 26.6 243°77 | 5°1/21.5 18 | | | |
| 9 18 | 2 33.37 | +3 43.6 | 1.515 | 2.352 | 17.0 | 21.1 | 9 18 | 2 27.10 | -0 10.8 | 2.209 | 3.038 | 12.6 | 21.4 |
| 9 28 | 2 28.94 | +2 38.5 | 1.455 | 2.361 | 13.2 | 20.8 | 9 28 | 2 23.36 | -1 18.4 | 2.136 | 3.036 | 9.9 | 21.2 |
| 10 8 | 2 21.86 | +1 28.7 | 1.415 | 2.371 | 9.1 | 20.6 | 10 8 | 2 17.79 | -2 27.4 | 2.087 | 3.035 | 7.2 | 21.0 |
| 10 18 | 2 12.85 | +0 21.1 | 1.400 | 2.380 | 5.7 | 20.5 | 10 18 | 2 10.89 | -3 32.0 | 2.064 | 3.033 | 5.3 | 20.9 |
| 10 28 | 2 3.04 | -0 35.8 | 1.412 | 2.388 | 5.7 | 20.5 | 10 28 | 2 3.40 | -4 26.1 | 2.069 | 3.031 | 5.7 | 20.9 |
| 11 7 | 1 53.70 | -1 15.0 | 1.450 | 2.397 | 9.0 | 20.7 | 11 7 | 1 56.12 | -5 4.7 | 2.103 | 3.030 | 8.0 | 21.1 |
| 11 17 | 1 45.94 | -1 32.6 | 1.513 | 2.405 | 12.8 | 21.0 | 11 17 | 1 49.81 | -5 24.8 | 2.162 | 3.028 | 10.7 | 21.3 |
| 11 27 | 1 40.59 | -1 27.3 | 1.598 | 2.413 | 16.3 | 21.2 | 11 27 | 1 45.09 | -5 25.3 | 2.244 | 3.026 | | |

EPHEMERIDES

10 26.6

10 26.6

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|-------------------------------|-----------------|----------|-----------|---------|------|
| 181126 | 2005 <i>QN</i> ₁₁₅ | 10 26.6 | 48° 92 | 2.3/25.0 | 18 | | 115370 | 2003 <i>SX</i> ₂₅₄ | 10 26.6 | 292° 52 | 0.9/27.2 | 18 | |
| 9 18 | 2 31.62 | +12 1.3 | 1.186 | 2.031 | 20.2 | 19.5 | 9 18 | 2 31.33 | +15 54.0 | 1.743 | 2.552 | 16.3 | 20.1 |
| 9 28 | 2 27.98 | +10 59.7 | 1.146 | 2.058 | 15.5 | 19.3 | 9 28 | 2 27.57 | +15 55.4 | 1.649 | 2.538 | 13.0 | 19.9 |
| 10 8 | 2 21.31 | +9 44.3 | 1.124 | 2.085 | 10.2 | 19.1 | 10 8 | 2 21.21 | +15 44.6 | 1.575 | 2.524 | 9.0 | 19.6 |
| 10 18 | 2 12.56 | +8 22.3 | 1.125 | 2.113 | 4.8 | 18.9 | 10 18 | 2 12.75 | +15 22.5 | 1.526 | 2.510 | 4.6 | 19.3 |
| 10 28 | 2 3.15 | +7 3.3 | 1.151 | 2.141 | 2.9 | 18.9 | 10 28 | 2 3.16 | +14 51.6 | 1.503 | 2.496 | 1.0 | 19.0 |
| 11 7 | 1 54.55 | +5 56.9 | 1.202 | 2.169 | 7.6 | 19.2 | 11 7 | 1 53.64 | +14 17.1 | 1.508 | 2.482 | 5.4 | 19.3 |
| 11 17 | 1 47.93 | +5 10.0 | 1.278 | 2.198 | 12.4 | 19.6 | 11 17 | 1 45.37 | +13 44.7 | 1.540 | 2.469 | 10.0 | 19.5 |
| 11 27 | 1 44.03 | +4 45.8 | 1.375 | 2.227 | 16.3 | 19.9 | 11 27 | 1 39.34 | +13 20.3 | 1.595 | 2.455 | 14.0 | 19.8 |
| 486522 | 2013 <i>HN</i> ₂ | 10 26.6 | 82° 39 | 5.0/22.3 | 18 | | 12637 | Gustavleonhardt | 10 26.6 | 344° 37 | 0.3/26.4 | 18 | |
| 9 18 | 2 29.60 | -0 41.0 | 2.132 | 2.958 | 13.1 | 21.0 | 9 18 | 2 25.60 | +14 7.6 | 1.322 | 2.165 | 18.6 | 17.5 |
| 9 28 | 2 25.26 | -1 28.3 | 2.068 | 2.967 | 10.3 | 20.8 | 9 28 | 2 23.70 | +13 51.3 | 1.243 | 2.153 | 14.7 | 17.3 |
| 10 8 | 2 19.03 | -2 15.3 | 2.027 | 2.975 | 7.4 | 20.6 | 10 8 | 2 18.88 | +13 19.9 | 1.184 | 2.143 | 10.1 | 17.0 |
| 10 18 | 2 11.45 | -2 56.8 | 2.013 | 2.983 | 5.3 | 20.5 | 10 18 | 2 11.72 | +12 36.1 | 1.146 | 2.134 | 4.8 | 16.6 |
| 10 28 | 2 3.31 | -3 27.5 | 2.026 | 2.992 | 5.5 | 20.6 | 10 28 | 2 3.34 | +11 45.5 | 1.133 | 2.126 | 1.0 | 16.4 |
| 11 7 | 1 55.48 | -3 43.5 | 2.068 | 3.000 | 7.7 | 20.7 | 11 7 | 1 55.16 | +10 55.8 | 1.144 | 2.119 | 6.6 | 16.7 |
| 11 17 | 1 48.73 | -3 42.7 | 2.135 | 3.008 | 10.5 | 20.9 | 11 17 | 1 48.53 | +10 15.1 | 1.180 | 2.114 | 11.8 | 17.0 |
| 11 27 | 1 43.69 | -3 24.6 | 2.226 | 3.017 | 13.1 | 21.1 | 11 27 | 1 44.49 | +9 49.9 | 1.237 | 2.109 | 16.4 | 17.3 |
| 394498 | 2007 <i>TF</i> ₁₉₆ | 10 26.6 | 222° 95 | 1.8/25.3 | 18 | | 513293 | 2007 <i>BJ</i> ₆₁ | 10 26.6 | 354° 78 | 3.6/24.7 | 18 | |
| 9 18 | 2 34.11 | +7 54.7 | 2.058 | 2.868 | 14.1 | 21.1 | 9 18 | 2 27.19 | +7 25.0 | 1.081 | 1.947 | 20.2 | 20.7 |
| 9 28 | 2 29.09 | +7 48.7 | 1.971 | 2.863 | 11.0 | 20.8 | 9 28 | 2 25.36 | +6 57.6 | 1.017 | 1.941 | 15.9 | 20.4 |
| 10 8 | 2 21.84 | +7 37.9 | 1.906 | 2.858 | 7.4 | 20.6 | 10 8 | 2 20.19 | +6 20.9 | 0.970 | 1.936 | 10.8 | 20.1 |
| 10 18 | 2 12.89 | +7 24.7 | 1.867 | 2.853 | 3.6 | 20.4 | 10 18 | 2 12.36 | +5 40.9 | 0.945 | 1.933 | 5.5 | 19.9 |
| 10 28 | 2 3.10 | +7 12.5 | 1.858 | 2.847 | 2.1 | 20.3 | 10 28 | 2 3.24 | +5 5.8 | 0.942 | 1.931 | 4.2 | 19.8 |
| 11 7 | 1 53.48 | +7 5.1 | 1.877 | 2.842 | 5.7 | 20.5 | 11 7 | 1 54.48 | +4 43.9 | 0.962 | 1.930 | 9.0 | 20.0 |
| 11 17 | 1 44.99 | +7 5.7 | 1.925 | 2.836 | 9.5 | 20.7 | 11 17 | 1 47.61 | +4 40.8 | 1.004 | 1.931 | 14.3 | 20.3 |
| 11 27 | 1 38.41 | +7 16.6 | 1.998 | 2.829 | 12.8 | 20.9 | 11 27 | 1 43.71 | +4 59.4 | 1.066 | 1.933 | 18.9 | 20.6 |
| 53988 | 2000 <i>GW</i> ₇₈ | 10 26.6 | 344° 32 | 0.8/26.1 | 18 | | 392509 | 2011 <i>PE</i> ₁₂ | 10 26.6 | 272° 21 | 9.9/17.2 | 18 | |
| 9 18 | 2 31.37 | +12 25.1 | 1.435 | 2.266 | 18.0 | 19.5 | 9 18 | 2 28.69 | -9 45.1 | 1.759 | 2.594 | 15.0 | 20.7 |
| 9 28 | 2 27.89 | +12 11.4 | 1.359 | 2.263 | 14.2 | 19.2 | 9 28 | 2 25.16 | -11 37.9 | 1.697 | 2.587 | 12.6 | 20.6 |
| 10 8 | 2 21.50 | +11 45.8 | 1.303 | 2.260 | 9.6 | 19.0 | 10 8 | 2 19.32 | -13 25.4 | 1.657 | 2.579 | 10.7 | 20.4 |
| 10 18 | 2 12.86 | +11 11.1 | 1.270 | 2.258 | 4.5 | 18.7 | 10 18 | 2 11.74 | -14 57.5 | 1.641 | 2.572 | 9.9 | 20.4 |
| 10 28 | 2 3.11 | +10 32.4 | 1.263 | 2.256 | 1.3 | 18.5 | 10 28 | 2 3.35 | -16 4.9 | 1.651 | 2.564 | 10.9 | 20.4 |
| 11 7 | 1 53.63 | +9 56.4 | 1.282 | 2.254 | 6.5 | 18.8 | 11 7 | 1 55.23 | -16 41.3 | 1.684 | 2.557 | 13.0 | 20.5 |
| 11 17 | 1 45.74 | +9 29.3 | 1.326 | 2.253 | 11.5 | 19.1 | 11 17 | 1 48.36 | -16 45.0 | 1.740 | 2.549 | 15.5 | 20.7 |
| 11 27 | 1 40.41 | +9 16.3 | 1.393 | 2.252 | 15.8 | 19.3 | 11 27 | 1 43.51 | -16 17.6 | 1.814 | 2.542 | 17.9 | 20.8 |
| 76143 | 2000 <i>EV</i> ₁₃ | 10 26.6 | 162° 61 | 2.4/28.4 | 18 | | 440689 | 2005 <i>YK</i> ₆₈ | 10 26.6 | 352° 46 | 5.6/22.1 | 18 | |
| 9 18 | 2 32.85 | +20 0.5 | 1.974 | 2.758 | 15.5 | 19.5 | 9 18 | 2 28.82 | -1 22.0 | 1.962 | 2.795 | 13.8 | 20.3 |
| 9 28 | 2 28.34 | +20 15.6 | 1.888 | 2.758 | 12.5 | 19.3 | 9 28 | 2 24.95 | -2 9.3 | 1.892 | 2.793 | 10.9 | 20.1 |
| 10 8 | 2 21.45 | +20 17.6 | 1.824 | 2.759 | 9.0 | 19.1 | 10 8 | 2 19.01 | -2 56.0 | 1.843 | 2.792 | 8.0 | 19.9 |
| 10 18 | 2 12.74 | +20 6.2 | 1.784 | 2.760 | 5.2 | 18.9 | 10 18 | 2 11.55 | -3 36.6 | 1.820 | 2.790 | 5.8 | 19.8 |
| 10 28 | 2 3.13 | +19 42.8 | 1.772 | 2.761 | 2.4 | 18.7 | 10 28 | 2 3.40 | -4 5.0 | 1.825 | 2.789 | 6.1 | 19.8 |
| 11 7 | 1 53.71 | +19 11.4 | 1.788 | 2.761 | 4.8 | 18.9 | 11 7 | 1 55.50 | -4 17.0 | 1.856 | 2.788 | 8.5 | 20.0 |
| 11 17 | 1 45.52 | +18 37.2 | 1.832 | 2.762 | 8.6 | 19.1 | 11 17 | 1 48.72 | -4 10.2 | 1.913 | 2.788 | 11.4 | 20.1 |
| 11 27 | 1 39.41 | +18 5.9 | 1.902 | 2.762 | 12.1 | 19.3 | 11 27 | 1 43.77 | -3 44.4 | 1.992 | 2.788 | 14.2 | 20.3 |
| 96552 | 1998 <i>SE</i> ₁₁₃ | 10 26.6 | 62° 66 | 1.5/25.5 | 18 | | 482885 | 2014 <i>FC</i> ₁₄ | 10 26.6 | 115° 35 | 2.4/24.9 | 18 | |
| 9 18 | 2 31.69 | +9 11.0 | 2.048 | 2.862 | 14.0 | 18.7 | 9 18 | 2 36.76 | +5 27.2 | 2.242 | 3.045 | 13.3 | 21.2 |
| 9 28 | 2 26.93 | +8 58.9 | 1.987 | 2.882 | 10.8 | 18.6 | 9 28 | 2 30.67 | +5 19.3 | 2.175 | 3.063 | 10.3 | 21.1 |
| 10 8 | 2 20.17 | +8 41.0 | 1.948 | 2.901 | 7.2 | 18.4 | 10 8 | 2 22.60 | +5 8.7 | 2.132 | 3.081 | 6.9 | 20.9 |
| 10 18 | 2 12.00 | +8 20.1 | 1.935 | 2.921 | 3.4 | 18.2 | 10 18 | 2 13.15 | +4 58.2 | 2.116 | 3.099 | 3.6 | 20.7 |
| 10 28 | 2 3.27 | +7 59.7 | 1.951 | 2.942 | 1.8 | 18.1 | 10 28 | 2 3.15 | +4 51.0 | 2.130 | 3.116 | 2.7 | 20.7 |
| 11 7 | 1 54.93 | +7 43.8 | 1.996 | 2.962 | 5.2 | 18.4 | 11 7 | 1 53.52 | +4 50.1 | 2.175 | 3.133 | 5.5 | 20.9 |
| 11 17 | 1 47.78 | +7 35.6 | 2.068 | 2.982 | 8.7 | 18.6 | 11 17 | 1 45.07 | +4 57.7 | 2.248 | 3.149 | 8.8 | 21.1 |
| 11 27 | 1 42.47 | +7 37.3 | 2.166 | 3.002 | 11.8 | 18.9 | 11 27 | 1 38.44 | +5 15.1 | 2.348 | 3.164 | 11.7 | 21.4 |
| 156048 | 2001 <i>SN</i> ₃₂ | 10 26.6 | 21° 03 | 0.3/26.4 | 18 | | 298566 | 2003 <i>XU</i> ₃₁ | 10 26.6 | 196° 80 | 3.7/23.8 | 18 | |
| 9 18 | 2 31.97 | +13 26.3 | 1.444 | 2.271 | 18.1 | 20.1 | 9 18 | 2 32.69 | +3 28.0 | 2.015 | 2.836 | 13.9 | 20.9 |
| 9 28 | 2 28.29 | +13 17.8 | 1.373 | 2.273 | 14.3 | 19.9 | 9 28 | 2 27.93 | +2 58.5 | 1.937 | 2.834 | 10.9 | 20.7 |
| 10 8 | 2 21.72 | +12 57.0 | 1.321 | 2.276 | 9.7 | 19.6 | 10 8 | 2 21.02 | +2 26.4 | 1.881 | 2.833 | 7.5 | 20.5 |
| 10 18 | 2 12.94 | +12 26.2 | 1.292 | 2.279 | 4.6 | 19.3 | 10 18 | 2 12.51 | +1 55.8 | 1.851 | 2.831 | 4.4 | 20.3 |
| 10 28 | 2 3.10 | +11 50.1 | 1.288 | 2.282 | 0.9 | 19.1 | 10 28 | 2 3.24 | +1 31.7 | 1.849 | 2.829 | 4.1 | 20.3 |
| 11 7 | 1 53.62 | +11 15.0 | 1.312 | 2.285 | 6.2 | 19.5 | 11 7 | 1 54.21 | +1 18.3 | 1.876 | 2.827 | 6.9 | 20.4 |
| 11 17 | 1 45.75 | +10 47.2 | 1.361 | 2.289 | 11.1 | 19.8 | 11 17 | 1 46.33 | +1 18.6 | 1.930 | 2.825 | 10.4 | 20.6 |
| 11 27 | 1 40.44 | +10 31.9 | 1.432 | 2.293 | 15.3 | 20.0 | 11 27 | 1 40.34 | +1 33.9 | 2.009 | 2.822 | 13.5 | 20.8 |
| 232573 | 2003 <i>SB</i> ₃₂₂ | 10 26.6 | 25° 71 | 5.0/21.9 | 18 | | 454405 | 2014 <i>NZ</i> ₃₈ | 10 26.6 | 24° 85 | 17.1/18.2 | 18 | |
| 9 18 | 2 26.59 | +0 30.5 | 2.104 | 2.937 | 13.0 | 19.9 | 9 18 | 2 36.76 | -32 0.5 | 1.545 | 2.315 | 19.7 | 19.3 |
| 9 28 | 2 23.03 | -0 30.9 | 2.037 | 2.940 | 10.2 | 19.7 | 9 28 | 2 31.39 | -33 8.1 | 1.534 | 2.334 | 18.3 | 19.2 |
| 10 8 | 2 17.60 | -1 33.5 | 1.993 | 2.944 | 7.3 | 19.6 | 10 8 | 2 23.25 | -33 45.1 | 1.538 | 2.355 | 17.4 | 19.2 |
| 10 18 | 2 10.83 | -2 31.8 | 1.975 | 2.947 | 5.2 | 19.5 | 10 18 | 2 13.38 | -33 43.3 | 1.560 | 2.377 | 17.1 | 19.3 |
| 10 28 | 2 3.47 | -3 19.8 | 1.985 | 2.952 | 5.5 | 19.5 | 10 28 | 2 3.15 | -32 58.3 | 1.601 | 2.399 | 17.4 | 19.3 |
| 11 7 | 1 56.37 | -3 52.6 | 2.023 | 2.956 | 7.8 | 19.6 | 11 7 | 1 53.91 | -31 32.0 | 1.660 | 2.423 | 18.1 | 19.5 |
| 11 17 | 1 50.30 | -4 7.3 | 2.086 | 2.960 | 10.7 | 19.8 | 11 17 | 1 46.66 | -29 30.3 | 1.738 | 2.448 | 19.2 | 19.6 |
| 11 27 | 1 45.87 | -4 3.1 | 2.173 | 2.965 | 13.3 | 20.0 | 11 27 | 1 42.01 | -27 1.7 | 1.831 | 2.474 | 20.3 | 19.8 |
| 227784 | 2006 <i>WF</i> ₁₉₈ | 10 26.6 | 242° 76 | 0.4/26.9 | 18 | | 172256 | 2002 <i>SN</i> ₁₁ | 10 26.6 | 126° 73 | 0.4/26.9 | 18 | |
| 9 18 | 2 32.70 | +15 48.9 | 1.760 | 2.565 | 16.3 | 21.8 | 9 18 | 2 32.08 | +14 53.8 | 1.963 | 2.765 | 14.9 | 20.6 |
| 9 28 | 2 28.55 | +15 33.1 | 1.668 | 2.555 | 12.9 | 21.6 | 9 28 | 2 27.61 | +14 49.0 | 1.883 | 2.769 | 11.8 | 20.4 |
| 10 8 | 2 21.80 | +15 3.8 | 1.596 | 2.545 | 8.9 | 21.3 | 10 8 | 2 20.89 | +14 33.7 | 1.824 | 2.772 | 8.1 | 20.2 |
| 10 18 | 2 12.99 | +14 22.5 | 1.549 | 2.534 | 4.4 | 21.1 | 10 18 | 2 12.47 | +14 9.5 | 1.791 | 2.776 | 3.9 | 19.9 |
| 10 28 | 2 3.11 | +13 32.9 | 1.529 | 2.523 | 0.7 | 20.8 | 10 28 | 2 3.26 | +13 39.3 | 1.785 | 2.779 | 0.6 | 19.7 |
| 11 7 | 1 53.36 | +12 41.2 | 1.538 | 2.511 | 5.5 | 21.1 | 11 7 | 1 54.29 | +13 7.8 | 1.809 | 2.782 | 4.8 | 20.0 |
| 11 17 | 1 44.90 | +11 53.9 | 1.574 | 2.499 | 10.1 | 21.3 | 11 17 | 1 46.53 | +12 39.7 | 1.860 | 2.785 | 8.8 | 20.3 |
| 11 27 | 1 38.69 | +11 17.2 | 1.634 | 2.487 | 14.1 | 21.5 | 11 27 | 1 40.75 | +12 19.5 | 1.937 | 2.78 | | |

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10 26.6

10 26.6

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|---------------|-------|---------|------|---------------|-------------------------------|-----------------|---------------|-------|---------|------|
| 289403 | 2005 <i>CK</i> ₅₀ | 10 26.6 234°80 | 2°2/28.4 18 | | | | 115988 | 2003 <i>WQ</i> ₆₂ | 10 26.6 299°95 | 0°8/25.9 17 | | | |
| 9 18 | 2 31.89 | +20 9.6 | 1.987 | 2.772 | 15.4 | 21.1 | 9 18 | 2 27.03 | +12 16.6 | 2.260 | 3.070 | 12.9 | 20.2 |
| 9 28 | 2 27.65 | +20 12.0 | 1.895 | 2.766 | 12.4 | 20.8 | 9 28 | 2 23.50 | +11 51.6 | 2.163 | 3.056 | 10.1 | 20.0 |
| 10 8 | 2 21.04 | +20 0.3 | 1.823 | 2.760 | 8.9 | 20.6 | 10 8 | 2 18.06 | +11 17.8 | 2.089 | 3.042 | 6.8 | 19.7 |
| 10 18 | 2 12.60 | +19 34.6 | 1.776 | 2.754 | 5.0 | 20.4 | 10 18 | 2 11.15 | +10 37.5 | 2.041 | 3.028 | 3.2 | 19.5 |
| 10 28 | 2 3.23 | +18 56.8 | 1.757 | 2.747 | 2.2 | 20.2 | 10 28 | 2 3.50 | +9 54.5 | 2.021 | 3.014 | 1.2 | 19.3 |
| 11 7 | 1 54.00 | +18 11.6 | 1.767 | 2.741 | 4.8 | 20.3 | 11 7 | 1 55.93 | +9 13.3 | 2.031 | 3.000 | 4.8 | 19.5 |
| 11 17 | 1 45.94 | +17 24.7 | 1.804 | 2.734 | 8.7 | 20.6 | 11 17 | 1 49.27 | +8 38.6 | 2.068 | 2.986 | 8.5 | 19.7 |
| 11 27 | 1 39.92 | +16 42.4 | 1.867 | 2.727 | 12.3 | 20.8 | 11 27 | 1 44.22 | +8 14.3 | 2.131 | 2.972 | 11.7 | 19.9 |
| 469945 | 2006 <i>BY</i> ₉₂ | 10 26.6 99°67 | 3°3/29.3 18 | | | | 52508 | 1996 <i>GK</i> ₅ | 10 26.6 321°11 | 2°4/25.2 18 | | | |
| 9 18 | 2 34.86 | +23 10.8 | 1.894 | 2.665 | 16.5 | 21.4 | 9 18 | 2 29.69 | +9 20.8 | 1.345 | 2.189 | 18.3 | 19.1 |
| 9 28 | 2 29.86 | +23 20.4 | 1.824 | 2.683 | 13.4 | 21.2 | 9 28 | 2 26.89 | +8 57.1 | 1.264 | 2.176 | 14.4 | 18.8 |
| 10 8 | 2 22.40 | +23 13.5 | 1.774 | 2.701 | 9.8 | 21.0 | 10 8 | 2 21.07 | +8 23.0 | 1.201 | 2.162 | 9.8 | 18.5 |
| 10 18 | 2 13.16 | +22 49.7 | 1.748 | 2.718 | 6.0 | 20.9 | 10 18 | 2 12.80 | +7 42.8 | 1.162 | 2.149 | 4.8 | 18.2 |
| 10 28 | 2 3.16 | +22 10.9 | 1.749 | 2.735 | 3.3 | 20.7 | 10 28 | 2 3.22 | +7 2.7 | 1.147 | 2.137 | 2.9 | 18.0 |
| 11 7 | 1 53.55 | +21 22.1 | 1.780 | 2.751 | 5.0 | 20.9 | 11 7 | 1 53.79 | +6 30.3 | 1.157 | 2.125 | 7.7 | 18.3 |
| 11 17 | 1 45.38 | +20 29.6 | 1.838 | 2.767 | 8.6 | 21.1 | 11 17 | 1 45.92 | +6 11.9 | 1.191 | 2.114 | 12.8 | 18.6 |
| 11 27 | 1 39.43 | +19 40.4 | 1.921 | 2.783 | 11.9 | 21.4 | 11 27 | 1 40.71 | +6 11.9 | 1.247 | 2.104 | 17.3 | 18.8 |
| 439706 | 2014 <i>KB</i> ₈₈ | 10 26.6 19°09 | 3°5/24.3 18 | | | | 36522 | 2000 <i>QZ</i> ₇₉ | 10 26.6 56°41 | 2°7/24.9 18 R | | | |
| 9 18 | 2 30.95 | +5 11.6 | 1.663 | 2.497 | 15.8 | 20.6 | 9 18 | 2 32.28 | +11 11.7 | 1.154 | 2.002 | 20.5 | 17.7 |
| 9 28 | 2 26.99 | +4 44.5 | 1.594 | 2.499 | 12.3 | 20.3 | 9 28 | 2 28.76 | +10 13.2 | 1.107 | 2.020 | 15.8 | 17.5 |
| 10 8 | 2 20.58 | +4 13.1 | 1.545 | 2.502 | 8.4 | 20.1 | 10 8 | 2 22.04 | +9 0.9 | 1.078 | 2.039 | 10.5 | 17.3 |
| 10 18 | 2 12.35 | +3 42.0 | 1.522 | 2.506 | 4.6 | 19.9 | 10 18 | 2 13.05 | +7 41.7 | 1.071 | 2.059 | 5.0 | 17.0 |
| 10 28 | 2 3.29 | +3 16.7 | 1.525 | 2.509 | 3.9 | 19.9 | 10 28 | 2 3.22 | +6 25.5 | 1.089 | 2.078 | 3.3 | 17.0 |
| 11 7 | 1 54.55 | +3 2.3 | 1.555 | 2.513 | 7.3 | 20.1 | 11 7 | 1 54.13 | +5 22.3 | 1.131 | 2.098 | 8.1 | 17.3 |
| 11 17 | 1 47.18 | +3 2.2 | 1.611 | 2.518 | 11.2 | 20.3 | 11 17 | 1 47.06 | +4 39.1 | 1.198 | 2.118 | 13.0 | 17.7 |
| 11 27 | 1 41.99 | +3 18.2 | 1.690 | 2.523 | 14.7 | 20.6 | 11 27 | 1 42.85 | +4 19.5 | 1.286 | 2.139 | 17.2 | 18.0 |
| 300437 | 2007 <i>TM</i> ₃₄ | 10 26.6 52°48 | 0°4/26.4 18 | | | | 445711 | 2011 <i>UN</i> ₂₅₂ | 10 26.6 298°04 | 0°5/27.1 18 | | | |
| 9 18 | 2 33.57 | +12 18.3 | 1.601 | 2.420 | 17.0 | 20.4 | 9 18 | 2 27.41 | +17 25.4 | 1.868 | 2.675 | 15.4 | 21.2 |
| 9 28 | 2 29.08 | +12 18.8 | 1.538 | 2.434 | 13.3 | 20.2 | 9 28 | 2 24.35 | +16 53.9 | 1.767 | 2.655 | 12.3 | 21.0 |
| 10 8 | 2 21.99 | +12 9.9 | 1.495 | 2.449 | 9.0 | 20.0 | 10 8 | 2 18.95 | +16 6.5 | 1.687 | 2.635 | 8.5 | 20.7 |
| 10 18 | 2 13.00 | +11 53.5 | 1.477 | 2.464 | 4.2 | 19.8 | 10 18 | 2 11.68 | +15 5.0 | 1.631 | 2.615 | 4.2 | 20.4 |
| 10 28 | 2 3.19 | +11 33.5 | 1.486 | 2.479 | 0.9 | 19.6 | 10 28 | 2 3.41 | +13 53.7 | 1.602 | 2.596 | 0.7 | 20.1 |
| 11 7 | 1 53.83 | +11 14.7 | 1.522 | 2.494 | 5.6 | 19.9 | 11 7 | 1 55.20 | +12 39.3 | 1.602 | 2.576 | 5.2 | 20.4 |
| 11 17 | 1 46.01 | +11 1.7 | 1.584 | 2.509 | 10.0 | 20.2 | 11 17 | 1 48.10 | +11 29.4 | 1.629 | 2.556 | 9.6 | 20.6 |
| 11 27 | 1 40.54 | +10 58.6 | 1.671 | 2.525 | 13.8 | 20.5 | 11 27 | 1 42.99 | +10 30.9 | 1.680 | 2.537 | 13.6 | 20.8 |
| 10878 | Moriyama | 10 26.6 82°24 | 1°1/25.9 18 R | | | | 116049 | 2003 <i>WE</i> ₁₀₅ | 10 26.6 145°58 | 5°5/22.4 18 | | | |
| 9 18 | 2 33.87 | +11 30.4 | 1.659 | 2.477 | 16.6 | 17.8 | 9 18 | 2 33.65 | -2 19.1 | 2.056 | 2.876 | 13.7 | 19.4 |
| 9 28 | 2 29.19 | +11 12.7 | 1.596 | 2.492 | 12.9 | 17.6 | 9 28 | 2 28.52 | -3 0.0 | 1.989 | 2.882 | 10.9 | 19.3 |
| 10 8 | 2 21.99 | +10 45.6 | 1.553 | 2.507 | 8.6 | 17.3 | 10 8 | 2 21.32 | -3 39.2 | 1.945 | 2.888 | 8.0 | 19.1 |
| 10 18 | 2 12.98 | +10 12.1 | 1.536 | 2.522 | 4.0 | 17.1 | 10 18 | 2 12.62 | -4 11.4 | 1.926 | 2.893 | 5.8 | 19.0 |
| 10 28 | 2 3.20 | +9 36.9 | 1.545 | 2.537 | 1.5 | 17.0 | 10 28 | 2 3.29 | -4 31.2 | 1.936 | 2.898 | 6.0 | 19.0 |
| 11 7 | 1 53.88 | +9 5.6 | 1.583 | 2.552 | 5.9 | 17.3 | 11 7 | 1 54.29 | -4 34.9 | 1.974 | 2.903 | 8.3 | 19.2 |
| 11 17 | 1 46.06 | +8 43.0 | 1.647 | 2.567 | 10.1 | 17.6 | 11 17 | 1 46.46 | -4 21.0 | 2.038 | 2.908 | 11.1 | 19.4 |
| 11 27 | 1 40.52 | +8 32.9 | 1.735 | 2.581 | 13.8 | 17.8 | 11 27 | 1 40.51 | -3 49.5 | 2.126 | 2.912 | 13.8 | 19.5 |
| 8010 | Bönnhardt | 10 26.6 288°26 | 0°4/27.0 18 | | | | 521766 | 2015 <i>RZ</i> ₂₇₆ | 10 26.6 224°63 | 4°2/22.3 18 | | | |
| 9 18 | 2 26.71 | +16 37.3 | 2.322 | 3.119 | 13.1 | 17.6 | 9 18 | 2 26.92 | +2 45.0 | 2.274 | 3.100 | 12.4 | 21.7 |
| 9 28 | 2 23.20 | +16 10.4 | 2.225 | 3.108 | 10.3 | 17.4 | 9 28 | 2 23.21 | +1 40.1 | 2.197 | 3.098 | 9.6 | 21.5 |
| 10 8 | 2 17.82 | +15 31.8 | 2.151 | 3.098 | 7.1 | 17.1 | 10 8 | 2 17.72 | +0 31.7 | 2.144 | 3.096 | 6.8 | 21.3 |
| 10 18 | 2 11.02 | +14 43.2 | 2.102 | 3.087 | 3.5 | 16.9 | 10 18 | 2 10.94 | -0 35.0 | 2.118 | 3.094 | 4.5 | 21.2 |
| 10 28 | 2 3.51 | +13 48.1 | 2.082 | 3.076 | 0.5 | 16.6 | 10 28 | 2 3.56 | -1 34.2 | 2.121 | 3.092 | 4.7 | 21.2 |
| 11 7 | 1 56.11 | +12 51.4 | 2.092 | 3.065 | 4.3 | 16.9 | 11 7 | 1 56.38 | -2 20.6 | 2.152 | 3.090 | 7.1 | 21.3 |
| 11 17 | 1 49.63 | +11 58.2 | 2.130 | 3.054 | 7.9 | 17.1 | 11 17 | 1 50.13 | -2 50.7 | 2.210 | 3.087 | 10.0 | 21.5 |
| 11 27 | 1 44.74 | +11 13.5 | 2.194 | 3.043 | 11.1 | 17.3 | 11 27 | 1 45.43 | -3 2.7 | 2.291 | 3.085 | 12.7 | 21.7 |
| 460243 | 2014 <i>QN</i> ₂₆₂ | 10 26.6 32°72 | 9°6/16.8 18 | | | | 393475 | 2002 <i>GP</i> ₁₃₀ | 10 26.6 248°42 | 0°8/27.3 18 R | | | |
| 9 18 | 2 25.64 | -11 21.3 | 1.901 | 2.736 | 14.1 | 20.4 | 9 18 | 2 31.18 | +17 20.8 | 1.967 | 2.764 | 15.1 | 21.9 |
| 9 28 | 2 22.45 | -13 13.2 | 1.860 | 2.747 | 11.9 | 20.3 | 9 28 | 2 27.12 | +17 0.9 | 1.869 | 2.751 | 12.1 | 21.7 |
| 10 8 | 2 17.27 | -14 56.3 | 1.842 | 2.758 | 10.2 | 20.2 | 10 8 | 2 20.73 | +16 27.2 | 1.793 | 2.738 | 8.4 | 21.4 |
| 10 18 | 2 10.70 | -16 21.9 | 1.848 | 2.769 | 9.6 | 20.2 | 10 18 | 2 12.49 | +15 40.8 | 1.741 | 2.724 | 4.2 | 21.2 |
| 10 28 | 2 3.58 | -17 22.4 | 1.879 | 2.781 | 10.4 | 20.3 | 10 28 | 2 3.29 | +14 45.2 | 1.717 | 2.710 | 0.8 | 20.9 |
| 11 7 | 1 56.82 | -17 53.6 | 1.934 | 2.794 | 12.2 | 20.4 | 11 7 | 1 54.20 | +13 46.2 | 1.723 | 2.696 | 4.9 | 21.2 |
| 11 17 | 1 51.22 | -17 54.9 | 2.011 | 2.807 | 14.2 | 20.6 | 11 17 | 1 46.23 | +12 50.1 | 1.756 | 2.682 | 9.2 | 21.4 |
| 11 27 | 1 47.40 | -17 28.6 | 2.107 | 2.820 | 16.1 | 20.7 | 11 27 | 1 40.26 | +12 3.1 | 1.814 | 2.667 | 13.0 | 21.6 |
| 260449 | 2005 <i>AV</i> ₄ | 10 26.6 333°57 | 0°5/26.4 17 | | | | 300732 | 2007 <i>VP</i> ₁₄₄ | 10 26.6 338°22 | 1°6/25.4 18 | | | |
| 9 18 | 2 29.53 | +12 40.9 | 1.098 | 1.950 | 20.9 | 20.5 | 9 18 | 2 28.83 | +11 14.3 | 1.700 | 2.527 | 15.8 | 20.7 |
| 9 28 | 2 27.46 | +12 42.7 | 1.023 | 1.938 | 16.7 | 20.2 | 9 28 | 2 25.44 | +10 42.3 | 1.621 | 2.523 | 12.4 | 20.5 |
| 10 8 | 2 21.86 | +12 30.9 | 0.965 | 1.926 | 11.4 | 19.8 | 10 8 | 2 19.62 | +9 59.8 | 1.562 | 2.519 | 8.3 | 20.3 |
| 10 18 | 2 13.30 | +12 7.6 | 0.927 | 1.916 | 5.4 | 19.5 | 10 18 | 2 11.95 | +9 10.5 | 1.529 | 2.516 | 3.9 | 20.0 |
| 10 28 | 2 3.12 | +11 37.9 | 0.913 | 1.906 | 1.2 | 19.2 | 10 28 | 2 3.39 | +8 19.7 | 1.522 | 2.513 | 2.0 | 19.8 |
| 11 7 | 1 53.12 | +11 9.2 | 0.922 | 1.897 | 7.5 | 19.6 | 11 7 | 1 55.06 | +7 34.0 | 1.542 | 2.510 | 6.2 | 20.1 |
| 11 17 | 1 45.01 | +10 49.4 | 0.953 | 1.890 | 13.5 | 19.9 | 11 17 | 1 48.02 | +6 59.1 | 1.589 | 2.508 | 10.5 | 20.4 |
| 11 27 | 1 40.10 | +10 45.0 | 1.004 | 1.883 | 18.7 | 20.1 | 11 27 | 1 43.10 | +6 39.3 | 1.659 | 2.506 | 14.3 | 20.6 |
| 49765 | 1999 <i>VB</i> ₂₁₇ | 10 26.6 256°14 | 2°8/24.6 18 | | | | 426115 | 2012 <i>FZ</i> ₆₁ | 10 26.6 150°64 | 1°9/25.3 18 | | | |
| 9 18 | 2 31.02 | +9 29.2 | 1.560 | 2.391 | 16.8 | 19.3 | 9 18 | 2 34.99 | +10 11.1 | 1.708 | 2.525 | 16.2 | 21.7 |
| 9 28 | 2 27.40 | +8 38.5 | 1.479 | 2.384 | 13.1 | 19.0 | 9 28 | 2 30.10 | +9 39.6 | 1.636 | 2.532 | 12.6 | 21.5 |
| 10 8 | 2 21.09 | +7 36.4 | 1.419 | 2.377 | 8.9 | 18.7 | 10 8 | 2 22.66 | +8 58.8 | 1.584 | 2.538 | 8.5 | 21.3 |
| 10 18 | 2 12.69 | +6 28.1 | 1.383 | 2.369 | 4.4 | 18.5 | 10 18 | 2 13.34 | +8 12.6 | 1.558 | 2.544 | 4.0 | 21.1 |
| 10 28 | 2 3.25 | +5 20.7 | 1.374 | 2.362 | 3.3 | 18.4 | 10 28 | 2 3.18 | +7 26.4 | 1.559 | 2.550 | 2.3 | 21.0 |
| 11 7 | 1 54.03 | +4 22.6 | 1.391 | 2.354 | 7.5 | 18.6 | 11 7 | 1 53.37 | +6 46.4 | 1.589 | 2.555 | 6.4 | 21.2 |
| 11 17 | 1 46.24 | +3 40.3 | 1.435 | 2.346 | 12.0 | 18.9 | 11 17 | 1 45.01 | +6 17.7 | 1.646 | 2.559 | 10.6 | 21.5 |
| 11 27 | 1 40.80 | +3 18.3 | 1.500 | 2.338 | 16.0 | 19.1 | 11 27 | 1 38.92 | +6 4.0 | 1.727 | 2.563 | 14.3 | 21.7 |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 73008 | 2002 <i>EU</i> ₂₉ | 10 26.6 | 87°16 | 2.4/25.1 | 18 | | 115646 | 2003 <i>UC</i> ₁₃₃ | 10 26.6 | 32°66 | 4.6/30.5 | 18 | |
| 9 18 | 2 35.59 | +10 1.7 | 1.418 | 2.246 | 18.3 | 20.2 | 9 18 | 2 29.96 | +26 45.5 | 1.676 | 2.451 | 18.2 | 19.1 |
| 9 28 | 2 30.80 | +9 20.2 | 1.364 | 2.267 | 14.2 | 20.0 | 9 28 | 2 26.60 | +26 50.9 | 1.598 | 2.455 | 15.0 | 18.9 |
| 10 8 | 2 23.17 | +8 28.6 | 1.330 | 2.287 | 9.4 | 19.7 | 10 8 | 2 20.54 | +26 34.8 | 1.539 | 2.460 | 11.4 | 18.7 |
| 10 18 | 2 13.54 | +7 32.1 | 1.320 | 2.307 | 4.5 | 19.5 | 10 18 | 2 12.43 | +25 55.8 | 1.502 | 2.465 | 7.5 | 18.5 |
| 10 28 | 2 3.16 | +6 37.7 | 1.337 | 2.326 | 2.8 | 19.5 | 10 28 | 2 3.35 | +24 56.0 | 1.490 | 2.471 | 4.8 | 18.3 |
| 11 7 | 1 53.41 | +5 52.7 | 1.380 | 2.346 | 7.2 | 19.8 | 11 7 | 1 54.60 | +23 41.4 | 1.506 | 2.477 | 5.9 | 18.4 |
| 11 17 | 1 45.45 | +5 22.7 | 1.450 | 2.365 | 11.6 | 20.1 | 11 17 | 1 47.35 | +22 20.6 | 1.548 | 2.483 | 9.4 | 18.6 |
| 11 27 | 1 40.09 | +5 10.9 | 1.542 | 2.383 | 15.5 | 20.4 | 11 27 | 1 42.48 | +21 3.0 | 1.614 | 2.489 | 13.1 | 18.9 |
| 103356 | 2000 <i>AJ</i> ₉₂ | 10 26.6 | 302°19 | 8.0/2.7 | 17 | | 67046 | 1999 <i>XX</i> ₁₉₂ | 10 26.6 | 289°15 | 4.9/30.9 | 18 | |
| 9 18 | 2 32.36 | +36 4.5 | 2.263 | 2.958 | 16.1 | 19.4 | 9 18 | 2 30.71 | +27 57.7 | 2.283 | 3.026 | 14.8 | 18.9 |
| 9 28 | 2 28.33 | +37 1.4 | 2.159 | 2.945 | 14.2 | 19.2 | 9 28 | 2 26.65 | +28 26.3 | 2.183 | 3.017 | 12.4 | 18.7 |
| 10 8 | 2 21.75 | +37 40.1 | 2.074 | 2.931 | 12.0 | 19.0 | 10 8 | 2 20.36 | +28 39.2 | 2.104 | 3.008 | 9.7 | 18.5 |
| 10 18 | 2 13.07 | +37 56.3 | 2.011 | 2.918 | 9.8 | 18.9 | 10 18 | 2 12.33 | +28 34.7 | 2.049 | 2.999 | 6.9 | 18.4 |
| 10 28 | 2 3.19 | +37 47.2 | 1.973 | 2.905 | 8.2 | 18.8 | 10 28 | 2 3.36 | +28 12.3 | 2.020 | 2.990 | 5.0 | 18.2 |
| 11 7 | 1 53.28 | +37 13.9 | 1.960 | 2.892 | 8.1 | 18.7 | 11 7 | 1 54.46 | +27 34.8 | 2.020 | 2.982 | 5.6 | 18.2 |
| 11 17 | 1 44.51 | +36 20.6 | 1.974 | 2.879 | 9.6 | 18.8 | 11 17 | 1 46.60 | +26 46.9 | 2.047 | 2.973 | 8.1 | 18.4 |
| 11 27 | 1 37.89 | +35 15.0 | 2.012 | 2.866 | 11.8 | 18.9 | 11 27 | 1 40.61 | +25 55.1 | 2.100 | 2.964 | 11.0 | 18.6 |
| 106017 | 2000 <i>SH</i> ₂₉₄ | 10 26.6 | 7.76 | 7.6/29.8 | 18 | | 98959 | 2001 <i>CG</i> ₃₉ | 10 26.6 | 144°43 | 3.4/29.2 | 18 | |
| 9 18 | 2 30.23 | +22 17.7 | 0.897 | 1.741 | 25.2 | 18.5 | 9 18 | 2 36.87 | +22 19.2 | 2.103 | 2.865 | 15.3 | 19.7 |
| 9 28 | 2 28.85 | +23 58.9 | 0.841 | 1.742 | 20.9 | 18.3 | 9 28 | 2 31.38 | +22 51.3 | 2.019 | 2.873 | 12.5 | 19.6 |
| 10 8 | 2 23.23 | +25 20.4 | 0.801 | 1.744 | 16.0 | 18.0 | 10 8 | 2 23.48 | +23 10.3 | 1.956 | 2.880 | 9.2 | 19.4 |
| 10 18 | 2 14.07 | +26 15.0 | 0.777 | 1.749 | 10.9 | 17.8 | 10 18 | 2 13.76 | +23 14.7 | 1.918 | 2.886 | 5.8 | 19.2 |
| 10 28 | 2 3.04 | +26 38.6 | 0.774 | 1.755 | 7.7 | 17.6 | 10 28 | 2 3.14 | +23 5.0 | 1.909 | 2.892 | 3.5 | 19.0 |
| 11 7 | 1 52.44 | +26 34.1 | 0.792 | 1.764 | 9.3 | 17.7 | 11 7 | 1 52.74 | +22 43.9 | 1.929 | 2.898 | 5.0 | 19.2 |
| 11 17 | 1 44.35 | +26 10.5 | 0.830 | 1.775 | 13.8 | 18.0 | 11 17 | 1 43.58 | +22 16.2 | 1.977 | 2.904 | 8.3 | 19.4 |
| 11 27 | 1 40.21 | +25 40.6 | 0.887 | 1.787 | 18.4 | 18.4 | 11 27 | 1 36.52 | +21 47.8 | 2.052 | 2.908 | 11.5 | 19.6 |
| 277363 | 2005 <i>TJ</i> ₁₆₇ | 10 26.6 | 225°10 | 0°1/26.7 | 18 | | 331254 | 2011 <i>CF</i> ₁₇ | 10 26.6 | 328°54 | 4.5/22.4 | 18 | |
| 9 18 | 2 32.43 | +15 23.1 | 1.858 | 2.662 | 15.6 | 21.9 | 9 18 | 2 26.85 | +1 22.5 | 2.179 | 3.009 | 12.7 | 20.7 |
| 9 28 | 2 28.16 | +15 1.1 | 1.768 | 2.655 | 12.3 | 21.7 | 9 28 | 2 23.27 | +0 27.9 | 2.103 | 3.005 | 10.0 | 20.5 |
| 10 8 | 2 21.44 | +14 26.3 | 1.699 | 2.647 | 8.5 | 21.4 | 10 8 | 2 17.82 | +0 28.7 | 2.050 | 3.001 | 7.1 | 20.4 |
| 10 18 | 2 12.83 | +13 40.4 | 1.654 | 2.640 | 4.1 | 21.2 | 10 18 | 2 11.02 | +1 22.4 | 2.023 | 2.997 | 4.8 | 20.2 |
| 10 28 | 2 3.26 | +12 47.6 | 1.638 | 2.631 | 0.6 | 20.9 | 10 28 | 2 3.58 | +2 7.3 | 2.024 | 2.994 | 5.0 | 20.2 |
| 11 7 | 1 53.85 | +11 53.7 | 1.650 | 2.622 | 5.3 | 21.2 | 11 7 | 1 56.34 | +2 38.7 | 2.053 | 2.991 | 7.4 | 20.4 |
| 11 17 | 1 45.68 | +11 5.2 | 1.690 | 2.613 | 9.7 | 21.5 | 11 17 | 1 50.07 | +2 53.6 | 2.108 | 2.987 | 10.3 | 20.6 |
| 11 27 | 1 39.62 | +10 27.7 | 1.755 | 2.604 | 13.5 | 21.7 | 11 27 | 1 45.41 | +2 50.6 | 2.187 | 2.984 | 13.1 | 20.7 |
| 377299 | 2004 <i>FE</i> ₉₁ | 10 26.6 | 226°17 | 2.4/24.9 | 18 | | 150064 | 2006 <i>RJ</i> ₄₁ | 10 26.6 | 69°42 | 3.1/24.0 | 18 | |
| 9 18 | 2 34.53 | +8 11.8 | 1.817 | 2.634 | 15.4 | 21.5 | 9 18 | 2 28.92 | +7 26.2 | 1.860 | 2.688 | 14.6 | 20.3 |
| 9 28 | 2 29.79 | +7 46.0 | 1.729 | 2.625 | 12.1 | 21.3 | 9 28 | 2 25.13 | +6 33.2 | 1.790 | 2.694 | 11.3 | 20.1 |
| 10 8 | 2 22.55 | +7 13.1 | 1.663 | 2.617 | 8.2 | 21.1 | 10 8 | 2 19.19 | +5 33.2 | 1.743 | 2.700 | 7.6 | 19.9 |
| 10 18 | 2 13.36 | +6 36.5 | 1.622 | 2.607 | 4.1 | 20.8 | 10 18 | 2 11.68 | +4 31.0 | 1.721 | 2.706 | 4.1 | 19.7 |
| 10 28 | 2 3.18 | +6 1.3 | 1.609 | 2.597 | 2.8 | 20.7 | 10 28 | 2 3.49 | +3 33.0 | 1.727 | 2.711 | 3.5 | 19.7 |
| 11 7 | 1 53.15 | +5 32.8 | 1.624 | 2.587 | 6.6 | 20.9 | 11 7 | 1 55.60 | +2 45.3 | 1.761 | 2.717 | 6.8 | 19.9 |
| 11 17 | 1 44.39 | +5 15.7 | 1.667 | 2.576 | 10.8 | 21.1 | 11 17 | 1 48.92 | +2 12.5 | 1.821 | 2.723 | 10.4 | 20.1 |
| 11 27 | 1 37.79 | +5 13.4 | 1.734 | 2.565 | 14.5 | 21.4 | 11 27 | 1 44.15 | +1 57.3 | 1.905 | 2.729 | 13.6 | 20.4 |
| 329245 | 1995 <i>FP</i> ₁ | 10 26.6 | 189°58 | 0°5/26.9 | 17 | | 71398 | 2000 <i>AV</i> ₁₆₈ | 10 26.6 | 315°44 | 9°9/19.2 | 18 | |
| 9 18 | 2 36.33 | +15 28.0 | 1.787 | 2.586 | 16.3 | 22.0 | 9 18 | 2 31.23 | +10 34.6 | 1.675 | 2.507 | 15.8 | 18.8 |
| 9 28 | 2 31.27 | +15 22.0 | 1.702 | 2.585 | 13.0 | 21.8 | 9 28 | 2 27.26 | +11 50.8 | 1.612 | 2.500 | 13.2 | 18.6 |
| 10 8 | 2 23.58 | +15 3.9 | 1.637 | 2.584 | 8.9 | 21.5 | 10 8 | 2 20.81 | +12 59.1 | 1.570 | 2.494 | 11.0 | 18.5 |
| 10 18 | 2 13.85 | +14 34.8 | 1.598 | 2.582 | 4.4 | 21.3 | 10 18 | 2 12.51 | +13 50.5 | 1.551 | 2.487 | 9.9 | 18.4 |
| 10 28 | 2 3.11 | +13 58.1 | 1.586 | 2.580 | 0.7 | 21.0 | 10 28 | 2 3.36 | +14 16.8 | 1.556 | 2.481 | 10.6 | 18.4 |
| 11 7 | 1 52.60 | +13 19.0 | 1.604 | 2.576 | 5.3 | 21.3 | 11 7 | 1 54.52 | +14 13.5 | 1.586 | 2.475 | 12.7 | 18.5 |
| 11 17 | 1 43.47 | +12 43.3 | 1.649 | 2.573 | 9.8 | 21.6 | 11 17 | 1 47.05 | +13 39.8 | 1.638 | 2.469 | 15.3 | 18.7 |
| 11 27 | 1 36.64 | +12 16.6 | 1.718 | 2.568 | 13.7 | 21.8 | 11 27 | 1 41.77 | +12 38.5 | 1.710 | 2.463 | 17.9 | 18.9 |
| 309632 | 2008 <i>CO</i> ₁₃₄ | 10 26.6 | 315°35 | 7.0/20.2 | 18 | | 456064 | 2006 <i>AT</i> ₆₁ | 10 26.6 | 3°11 | 4.5/22.7 | 18 | |
| 9 18 | 2 26.29 | +1 25.3 | 1.740 | 2.585 | 14.8 | 20.6 | 9 18 | 2 26.65 | +3 7.2 | 1.902 | 2.739 | 14.0 | 20.7 |
| 9 28 | 2 23.37 | +2 58.0 | 1.666 | 2.573 | 11.8 | 20.4 | 9 28 | 2 23.36 | +2 8.0 | 1.831 | 2.738 | 10.9 | 20.5 |
| 10 8 | 2 18.18 | +4 33.2 | 1.614 | 2.562 | 8.9 | 20.2 | 10 8 | 2 18.01 | +1 5.1 | 1.783 | 2.738 | 7.6 | 20.3 |
| 10 18 | 2 11.28 | +6 2.4 | 1.587 | 2.551 | 7.1 | 20.1 | 10 18 | 2 11.14 | +0 4.1 | 1.761 | 2.739 | 4.9 | 20.1 |
| 10 28 | 2 3.53 | +7 16.4 | 1.586 | 2.541 | 7.8 | 20.1 | 10 28 | 2 3.59 | +0 48.2 | 1.765 | 2.740 | 5.0 | 20.1 |
| 11 7 | 1 55.98 | +8 8.0 | 1.611 | 2.531 | 10.5 | 20.2 | 11 7 | 1 56.29 | +1 26.4 | 1.797 | 2.741 | 7.8 | 20.3 |
| 11 17 | 1 49.60 | +8 33.0 | 1.660 | 2.521 | 13.6 | 20.4 | 11 17 | 1 50.11 | +1 46.6 | 1.854 | 2.743 | 11.0 | 20.5 |
| 11 27 | 1 45.19 | +8 30.6 | 1.729 | 2.511 | 16.6 | 20.6 | 11 27 | 1 45.74 | +1 47.3 | 1.935 | 2.745 | 14.0 | 20.7 |
| 313368 | 2002 <i>JL</i> ₃₀ | 10 26.6 | 96°53 | 2.3/24.6 | 18 | | 13540 | Kazukitakahashi | 10 26.6 | 343°98 | 0°3/26.5 | 18 | |
| 9 18 | 2 31.67 | +5 48.2 | 2.471 | 3.279 | 12.0 | 20.7 | 9 18 | 2 28.78 | +13 21.8 | 1.201 | 2.047 | 19.9 | 17.5 |
| 9 28 | 2 26.58 | +5 28.7 | 2.407 | 3.299 | 9.3 | 20.5 | 9 28 | 2 26.52 | +13 18.9 | 1.126 | 2.038 | 15.8 | 17.3 |
| 10 8 | 2 19.80 | +5 6.2 | 2.367 | 3.318 | 6.2 | 20.4 | 10 8 | 2 21.01 | +13 2.1 | 1.070 | 2.030 | 10.8 | 17.0 |
| 10 18 | 2 11.86 | +4 43.6 | 2.353 | 3.337 | 3.3 | 20.2 | 10 18 | 2 12.85 | +12 33.5 | 1.035 | 2.023 | 5.1 | 16.6 |
| 10 28 | 2 3.46 | +4 24.3 | 2.370 | 3.355 | 2.6 | 20.2 | 10 28 | 2 3.31 | +11 58.3 | 1.024 | 2.017 | 1.0 | 16.3 |
| 11 7 | 1 55.36 | +4 11.5 | 2.417 | 3.374 | 5.2 | 20.4 | 11 7 | 1 54.00 | +11 23.8 | 1.037 | 2.012 | 7.0 | 16.7 |
| 11 17 | 1 48.26 | +4 7.5 | 2.492 | 3.392 | 8.1 | 20.6 | 11 17 | 1 46.46 | +10 57.5 | 1.073 | 2.009 | 12.5 | 17.0 |
| 11 27 | 1 42.71 | +4 14.0 | 2.593 | 3.409 | 10.7 | 20.8 | 11 27 | 1 41.83 | +10 45.8 | 1.131 | 2.006 | 17.4 | 17.3 |
| 498404 | 2007 <i>YM</i> ₄₇ | 10 26.6 | 217°85 | 14°9/6.2 | 17 | | 358561 | 2007 <i>TO</i> ₂₃₂ | 10 26.6 | 309°33 | 0°6/27.2 | 15 | |
| 9 18 | 2 41.14 | +43 27.5 | 1.356 | 2.048 | 25.3 | 21.2 | 9 18 | 2 26.62 | +18 15.5 | 1.676 | 2.490 | 16.6 | 21.2 |
| 9 28 | 2 37.65 | +45 9.9 | 1.277 | 2.045 | 23.0 | 21.0 | 9 28 | 2 24.01 | +17 38.9 | 1.580 | 2.472 | 13.3 | 20.9 |
| 10 8 | 2 29.52 | +46 22.3 | 1.211 | 2.041 | 20.4 | 20.8 | 10 8 | 2 18.87 | +16 43.7 | 1.504 | 2.454 | 9.3 | 20.7 |
| 10 18 | 2 17.25 | +46 52.9 | 1.160 | 2.037 | 17.7 | 20.6 | 10 18 | 2 11.72 | +15 31.7 | 1.452 | 2.437 | 4.6 | 20.3 |
| 10 28 | 2 2.53 | +46 32.1 | 1.128 | 2.032 | 15.6 | 20.5 | 10 28 | 2 3.49 | +14 8.2 | 1.426 | 2.419 | 0.8 | 20.0 |
| 11 7 | 1 47.92 | +45 18.6 | 1.116 | 2.027 | 14.9 | 20.4 | 11 7 | 1 55.36 | +12 41.1 | 1.428 | 2.403 | 5.5 | 20.3 |
| 11 17 | 1 35.94 | +43 21.7 | 1.126 | 2.022 | 15.9 | 20.5 | 11 17 | 1 48.47 | +11 19.4 | 1.456 | 2.386 | 10.3 | 20.6 |
| 11 27 | 1 28.34 | +40 59.1 | 1.157 | 2.016 | 18.2 | 20.6 | 11 27 | 1 43.77 | +10 11.4 | 1.508 | 2.370</ | | |

EPHEMERIDES

10 26.6

10 26.6

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|--------------|-------|---------|------|---------------|-------------------------------|-----------------|--------------|-------|---------|------|
| 198665 | 2005 <i>BK</i> ₂₃ | 10 26.6 320°35 | 7.0°/1.9 17 | | | | 86062 | 1999 <i>RJ</i> ₂₀ | 10 26.6 287°91 | 4.4°/30.3 18 | | | |
| 9 18 | 2 31.32 | +33 33.8 | 2.246 | 2.959 | 15.8 | 20.8 | 9 18 | 2 31.56 | +25 50.7 | 2.192 | 2.947 | 15.0 | 18.8 |
| 9 28 | 2 27.38 | +34 22.4 | 2.148 | 2.951 | 13.7 | 20.6 | 9 28 | 2 27.36 | +26 19.8 | 2.096 | 2.940 | 12.5 | 18.6 |
| 10 8 | 2 21.01 | +34 53.2 | 2.070 | 2.943 | 11.3 | 20.4 | 10 8 | 2 20.87 | +26 34.2 | 2.021 | 2.934 | 9.5 | 18.4 |
| 10 18 | 2 12.70 | +35 2.9 | 2.013 | 2.936 | 8.9 | 20.3 | 10 18 | 2 12.60 | +26 32.0 | 1.969 | 2.927 | 6.5 | 18.2 |
| 10 28 | 2 3.34 | +34 49.5 | 1.982 | 2.928 | 7.2 | 20.1 | 10 28 | 2 3.38 | +26 13.3 | 1.945 | 2.921 | 4.5 | 18.1 |
| 11 7 | 1 54.02 | +34 14.9 | 1.978 | 2.921 | 7.2 | 20.1 | 11 7 | 1 54.24 | +25 40.7 | 1.949 | 2.915 | 5.3 | 18.1 |
| 11 17 | 1 45.83 | +33 23.6 | 2.000 | 2.914 | 9.0 | 20.2 | 11 17 | 1 46.18 | +24 59.2 | 1.981 | 2.908 | 8.2 | 18.3 |
| 11 27 | 1 39.69 | +32 22.9 | 2.048 | 2.908 | 11.4 | 20.4 | 11 27 | 1 40.06 | +24 15.2 | 2.038 | 2.902 | 11.3 | 18.5 |
| 195605 | 2002 <i>KY</i> ₉ | 10 26.6 220°13 | 2°8/24.8 18 | | | | 162290 | 1999 <i>VG</i> ₁₂₉ | 10 26.6 28°80 | 1°9/27.8 18 | | | |
| 9 18 | 2 34.08 | + 6 3.8 | 1.875 | 2.694 | 14.9 | 20.0 | 9 18 | 2 31.84 | +17 22.7 | 1.380 | 2.201 | 19.1 | 19.6 |
| 9 28 | 2 29.29 | + 5 46.6 | 1.793 | 2.690 | 11.6 | 19.8 | 9 28 | 2 28.33 | +17 39.6 | 1.317 | 2.211 | 15.3 | 19.4 |
| 10 8 | 2 22.11 | + 5 25.0 | 1.733 | 2.687 | 7.9 | 19.6 | 10 8 | 2 21.84 | +17 41.5 | 1.273 | 2.222 | 10.7 | 19.1 |
| 10 18 | 2 13.14 | + 5 2.5 | 1.699 | 2.683 | 4.1 | 19.4 | 10 18 | 2 13.08 | +17 28.7 | 1.251 | 2.233 | 5.6 | 18.9 |
| 10 28 | 2 3.29 | + 4 43.7 | 1.693 | 2.679 | 3.2 | 19.3 | 10 28 | 2 3.32 | +17 4.2 | 1.254 | 2.246 | 1.9 | 18.7 |
| 11 7 | 1 53.65 | + 4 32.8 | 1.715 | 2.675 | 6.6 | 19.5 | 11 7 | 1 54.00 | +16 33.8 | 1.283 | 2.259 | 5.8 | 19.0 |
| 11 17 | 1 45.25 | + 4 33.4 | 1.765 | 2.671 | 10.4 | 19.7 | 11 17 | 1 46.41 | +16 4.1 | 1.337 | 2.273 | 10.5 | 19.3 |
| 11 27 | 1 38.92 | + 4 47.4 | 1.838 | 2.666 | 13.9 | 19.9 | 11 27 | 1 41.49 | +15 41.7 | 1.414 | 2.287 | 14.7 | 19.6 |
| 221868 | 2008 <i>GE</i> ₉₄ | 10 26.6 70°21 | 1°0/26.0 17 | | | | 517456 | 2014 <i>OB</i> ₃₄₆ | 10 26.6 78°78 | 4°1/22.8 18 | | | |
| 9 18 | 2 35.51 | +12 38.8 | 1.391 | 2.216 | 18.8 | 20.1 | 9 18 | 2 27.55 | + 3 53.3 | 2.090 | 2.919 | 13.2 | 21.6 |
| 9 28 | 2 30.82 | +12 15.8 | 1.339 | 2.238 | 14.6 | 19.9 | 9 28 | 2 23.82 | + 2 48.5 | 2.022 | 2.925 | 10.3 | 21.4 |
| 10 8 | 2 23.24 | +11 40.7 | 1.306 | 2.261 | 9.8 | 19.7 | 10 8 | 2 18.19 | + 1 39.7 | 1.976 | 2.930 | 7.1 | 21.2 |
| 10 18 | 2 13.62 | +10 57.2 | 1.297 | 2.284 | 4.5 | 19.5 | 10 18 | 2 11.20 | + 0 32.2 | 1.957 | 2.936 | 4.5 | 21.1 |
| 10 28 | 2 3.24 | +10 11.3 | 1.314 | 2.307 | 1.4 | 19.3 | 10 28 | 2 3.63 | + 0 27.8 | 1.967 | 2.942 | 4.6 | 21.1 |
| 11 7 | 1 53.53 | + 9 30.0 | 1.358 | 2.329 | 6.4 | 19.7 | 11 7 | 1 56.32 | + 1 14.7 | 2.004 | 2.947 | 7.2 | 21.3 |
| 11 17 | 1 45.64 | + 8 59.2 | 1.428 | 2.352 | 11.1 | 20.0 | 11 17 | 1 50.06 | + 1 44.9 | 2.068 | 2.953 | 10.2 | 21.5 |
| 11 27 | 1 40.40 | + 8 43.3 | 1.521 | 2.374 | 15.0 | 20.3 | 11 27 | 1 45.48 | + 1 56.6 | 2.156 | 2.959 | 13.0 | 21.7 |
| 224988 | 2007 <i>ET</i> ₁₀₄ | 10 26.6 316°87 | 0°1/26.7 18 | | | | 409391 | 2005 <i>EV</i> ₆₆ | 10 26.6 318°90 | 1°4/27.8 17 | | | |
| 9 18 | 2 30.02 | +14 25.0 | 1.369 | 2.201 | 18.7 | 21.2 | 9 18 | 2 28.07 | +17 41.2 | 2.102 | 2.900 | 14.2 | 21.4 |
| 9 28 | 2 27.25 | +14 20.6 | 1.283 | 2.186 | 14.9 | 20.9 | 9 28 | 2 24.59 | +17 42.9 | 2.005 | 2.886 | 11.4 | 21.2 |
| 10 8 | 2 21.41 | +14 2.3 | 1.215 | 2.171 | 10.3 | 20.6 | 10 8 | 2 18.98 | +17 33.0 | 1.929 | 2.872 | 8.0 | 21.0 |
| 10 18 | 2 13.05 | +13 31.5 | 1.170 | 2.157 | 5.0 | 20.2 | 10 18 | 2 11.70 | +17 12.2 | 1.878 | 2.859 | 4.3 | 20.7 |
| 10 28 | 2 3.29 | +12 52.6 | 1.150 | 2.143 | 0.8 | 19.9 | 10 28 | 2 3.53 | +16 42.7 | 1.854 | 2.846 | 1.4 | 20.5 |
| 11 7 | 1 53.61 | +12 12.1 | 1.155 | 2.130 | 6.5 | 20.2 | 11 7 | 1 55.44 | +16 8.4 | 1.859 | 2.834 | 4.5 | 20.7 |
| 11 17 | 1 45.48 | +11 37.7 | 1.184 | 2.117 | 11.9 | 20.5 | 11 17 | 1 48.35 | +15 34.1 | 1.891 | 2.821 | 8.3 | 20.9 |
| 11 27 | 1 40.05 | +11 16.1 | 1.236 | 2.105 | 16.6 | 20.8 | 11 27 | 1 43.05 | +15 5.2 | 1.949 | 2.810 | 11.9 | 21.1 |
| 240996 | 2006 <i>KR</i> ₆₂ | 10 26.6 142°41 | 1°1/25.6 18 | | | | 424329 | 2007 <i>UJ</i> ₅₇ | 10 26.6 250°10 | 0°6/27.1 17 | | | |
| 9 18 | 2 30.38 | +12 53.2 | 2.032 | 2.841 | 14.3 | 21.0 | 9 18 | 2 32.14 | +17 50.7 | 1.570 | 2.380 | 17.7 | 22.0 |
| 9 28 | 2 26.14 | +12 7.5 | 1.956 | 2.847 | 11.1 | 20.8 | 9 28 | 2 28.52 | +17 17.6 | 1.478 | 2.367 | 14.2 | 21.7 |
| 10 8 | 2 19.81 | +11 11.0 | 1.901 | 2.854 | 7.4 | 20.6 | 10 8 | 2 22.04 | +16 25.8 | 1.405 | 2.354 | 9.9 | 21.4 |
| 10 18 | 2 11.98 | +10 7.2 | 1.874 | 2.860 | 3.4 | 20.4 | 10 18 | 2 13.27 | +15 16.9 | 1.356 | 2.341 | 4.9 | 21.1 |
| 10 28 | 2 3.48 | + 9 1.5 | 1.874 | 2.866 | 1.5 | 20.3 | 10 28 | 2 3.28 | +13 56.0 | 1.334 | 2.327 | 0.8 | 20.8 |
| 11 7 | 1 55.28 | + 7 59.8 | 1.904 | 2.872 | 5.3 | 20.5 | 11 7 | 1 53.44 | +12 31.7 | 1.339 | 2.313 | 5.9 | 21.1 |
| 11 17 | 1 48.23 | + 7 7.7 | 1.963 | 2.877 | 9.1 | 20.8 | 11 17 | 1 45.03 | +11 13.4 | 1.371 | 2.299 | 11.0 | 21.4 |
| 11 27 | 1 43.02 | + 6 29.6 | 2.046 | 2.881 | 12.4 | 21.0 | 11 27 | 1 39.10 | +10 9.6 | 1.426 | 2.284 | 15.5 | 21.6 |
| 308903 | 2006 <i>SV</i> ₂₃₁ | 10 26.6 274°56 | 1°8/28.1 18 | | | | 91679 | 1999 <i>TM</i> ₁₁₉ | 10 26.6 103°11 | 1°6/28.0 18 | | | |
| 9 18 | 2 30.01 | +19 37.3 | 1.976 | 2.767 | 15.2 | 21.5 | 9 18 | 2 32.49 | +18 19.4 | 2.302 | 3.082 | 13.7 | 19.6 |
| 9 28 | 2 26.18 | +19 30.9 | 1.886 | 2.762 | 12.2 | 21.3 | 9 28 | 2 27.61 | +18 29.8 | 2.224 | 3.093 | 10.9 | 19.5 |
| 10 8 | 2 20.07 | +19 10.3 | 1.817 | 2.757 | 8.7 | 21.1 | 10 8 | 2 20.75 | +18 29.6 | 2.167 | 3.104 | 7.7 | 19.3 |
| 10 18 | 2 12.19 | +18 35.9 | 1.772 | 2.751 | 4.8 | 20.8 | 10 18 | 2 12.43 | +18 19.2 | 2.137 | 3.115 | 4.2 | 19.1 |
| 10 28 | 2 3.44 | +17 50.5 | 1.755 | 2.746 | 1.8 | 20.6 | 10 28 | 2 3.44 | +18 0.3 | 2.135 | 3.126 | 1.6 | 18.9 |
| 11 7 | 1 54.85 | +16 59.0 | 1.766 | 2.741 | 4.7 | 20.8 | 11 7 | 1 54.70 | +17 36.3 | 2.163 | 3.136 | 4.1 | 19.1 |
| 11 17 | 1 47.41 | +16 7.5 | 1.805 | 2.736 | 8.6 | 21.1 | 11 17 | 1 47.03 | +17 11.2 | 2.220 | 3.147 | 7.5 | 19.4 |
| 11 27 | 1 41.95 | +15 22.1 | 1.870 | 2.730 | 12.3 | 21.3 | 11 27 | 1 41.11 | +16 49.4 | 2.303 | 3.157 | 10.5 | 19.6 |
| 384286 | 2009 <i>QJ</i> ₅₁ | 10 26.6 15°60 | 0°0/26.6 18 | | | | 365179 | 2009 <i>FP</i> ₄ | 10 26.6 321°23 | 1°2/26.5 17 | | | |
| 9 18 | 2 27.01 | +14 49.8 | 1.041 | 1.897 | 21.6 | 20.5 | 9 18 | 2 47.98 | + 4 19.2 | 1.387 | 2.201 | 19.4 | 20.1 |
| 9 28 | 2 25.29 | +14 36.4 | 0.986 | 1.902 | 17.0 | 20.3 | 9 28 | 2 42.48 | + 5 34.2 | 1.264 | 2.156 | 15.9 | 19.7 |
| 10 8 | 2 20.14 | +14 5.2 | 0.948 | 1.909 | 11.6 | 20.0 | 10 8 | 2 32.81 | + 7 0.0 | 1.161 | 2.112 | 11.3 | 19.3 |
| 10 18 | 2 12.37 | +13 19.4 | 0.929 | 1.917 | 5.5 | 19.7 | 10 18 | 2 19.08 | + 8 38.2 | 1.082 | 2.068 | 5.6 | 18.9 |
| 10 28 | 2 3.42 | +12 26.2 | 0.934 | 1.927 | 0.9 | 19.4 | 10 28 | 2 2.27 | +10 28.1 | 1.032 | 2.024 | 1.6 | 18.5 |
| 11 7 | 1 55.03 | +11 34.9 | 0.962 | 1.938 | 7.1 | 19.9 | 11 7 | 1 44.25 | +12 26.4 | 1.010 | 1.981 | 8.0 | 18.8 |
| 11 17 | 1 48.65 | +10 54.5 | 1.012 | 1.951 | 12.7 | 20.2 | 11 17 | 1 27.33 | +14 28.6 | 1.017 | 1.940 | 14.6 | 19.0 |
| 11 27 | 1 45.31 | +10 31.5 | 1.083 | 1.964 | 17.5 | 20.6 | 11 27 | 1 13.62 | +16 32.3 | 1.049 | 1.899 | 20.5 | 19.2 |
| 60573 | 2000 <i>ED</i> ₁₁₈ | 10 26.6 355°95 | 11°4/18.5 18 | | | | 226110 | 2002 <i>PZ</i> ₁₁₇ | 10 26.6 81°28 | 3°1/29.8 18 | | | |
| 9 18 | 2 29.11 | -11 54.8 | 1.465 | 2.308 | 17.1 | 17.9 | 9 18 | 2 28.20 | +24 50.7 | 2.410 | 3.169 | 13.7 | 20.8 |
| 9 28 | 2 25.89 | -13 21.6 | 1.412 | 2.304 | 14.5 | 17.8 | 9 28 | 2 24.35 | +24 46.1 | 2.320 | 3.171 | 11.2 | 20.6 |
| 10 8 | 2 20.01 | -14 38.0 | 1.379 | 2.302 | 12.3 | 17.6 | 10 8 | 2 18.60 | +24 26.6 | 2.252 | 3.173 | 8.3 | 20.4 |
| 10 18 | 2 12.16 | -15 33.5 | 1.368 | 2.300 | 11.4 | 17.6 | 10 18 | 2 11.43 | +23 52.0 | 2.209 | 3.175 | 5.3 | 20.3 |
| 10 28 | 2 3.46 | -15 59.0 | 1.380 | 2.299 | 12.1 | 17.6 | 10 28 | 2 3.60 | +23 4.3 | 2.193 | 3.176 | 3.1 | 20.1 |
| 11 7 | 1 55.16 | -15 49.9 | 1.414 | 2.299 | 14.2 | 17.8 | 11 7 | 1 55.95 | +22 7.3 | 2.207 | 3.178 | 4.3 | 20.2 |
| 11 17 | 1 48.39 | -15 6.7 | 1.469 | 2.299 | 16.8 | 17.9 | 11 17 | 1 49.30 | +21 6.4 | 2.249 | 3.180 | 7.2 | 20.4 |
| 11 27 | 1 43.98 | -13 53.2 | 1.543 | 2.301 | 19.3 | 18.1 | 11 27 | 1 44.29 | +20 7.5 | 2.319 | 3.182 | 10.1 | 20.6 |
| 333366 | 2002 <i>CP</i> ₁₄₃ | 10 26.6 12°58 | 6°2/2.6 17 | | | | 355173 | 2006 <i>WG</i> ₁₈ | 10 26.6 174°43 | 1°2/27.7 18 | | | |
| 9 18 | 2 28.67 | +34 38.9 | 2.545 | 3.247 | 14.4 | 20.1 | 9 18 | 2 30.85 | +17 49.6 | 2.112 | 2.903 | 14.4 | 21.6 |
| 9 28 | 2 24.87 | +35 6.7 | 2.454 | 3.248 | 12.4 | 19.9 | 9 28 | 2 26.60 | +17 44.1 | 2.026 | 2.903 | 11.5 | 21.5 |
| 10 8 | 2 19.04 | +35 16.7 | 2.382 | 3.250 | 10.2 | 19.8 | 10 8 | 2 20.22 | +17 26.5 | 1.962 | 2.904 | 8.0 | 21.2 |
| 10 18 | 2 11.67 | +35 6.8 | 2.333 | 3.252 | 8.0 | 19.7 | 10 18 | 2 12.23 | +16 57.9 | 1.923 | 2.904 | 4.2 | 21.0 |
| 10 28 | 2 3.53 | +34 36.4 | 2.310 | 3.254 | 6.4 | 19.6 | 10 28 | 2 3.47 | +16 20.8 | 1.912 | 2.904 | 1.2 | 20.8 |
| 11 7 | 1 55.55 | +33 48.0 | 2.314 | 3.257 | 6.3 | 19.6 | 11 7 | 1 54.91 | +15 39.7 | 1.930 | 2.905 | 4.4 | 21.0 |
| 11 17 | 1 48.61 | +32 46.4 | 2.345 | 3.260 | 7.8 | 19.7 | 11 17 | 1 47.45 | +14 59.8 | 1.977 | 2.905 | 8.2 | 21.3 |
| 11 27 | 1 43.42 | +31 38.0 | 2.403 | 3.263 | | | | | | | | | |

EPHEMERIDES

10 26.7

10 26.7

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|-----------|---------|------|---------------|-------------------------------|-----------------|----------|------------|---------|------|
| 234743 | 2002 <i>NM</i> ₁₁ | 10 26.7 | 62° 73 | 3° 0/24.5 | 18 | | 321676 | 2010 <i>DN</i> ₃₀ | 10 26.7 | 5° 33 | 3° 1/31.8 | 18 | |
| 9 18 | 2 33.24 | + 7 40.7 | 1.604 | 2.432 | 16.6 | 20.5 | 9 18 | 2 23.61 | +29 34.3 | 4.358 | 5.067 | 8.7 | 20.6 |
| 9 28 | 2 28.55 | + 6 56.8 | 1.557 | 2.460 | 12.7 | 20.4 | 9 28 | 2 19.99 | +29 46.0 | 4.259 | 5.067 | 7.3 | 20.5 |
| 10 8 | 2 21.45 | + 6 6.5 | 1.532 | 2.488 | 8.5 | 20.2 | 10 8 | 2 15.29 | +29 48.2 | 4.181 | 5.067 | 5.7 | 20.4 |
| 10 18 | 2 12.71 | + 5 15.0 | 1.531 | 2.516 | 4.3 | 20.0 | 10 18 | 2 9.80 | +29 40.5 | 4.130 | 5.068 | 4.2 | 20.3 |
| 10 28 | 2 3.43 | + 4 28.8 | 1.558 | 2.544 | 3.4 | 20.0 | 10 28 | 2 3.92 | +29 23.4 | 4.107 | 5.068 | 3.2 | 20.2 |
| 11 7 | 1 54.75 | + 3 53.4 | 1.612 | 2.572 | 6.9 | 20.3 | 11 7 | 1 58.12 | +28 58.4 | 4.113 | 5.068 | 3.3 | 20.2 |
| 11 17 | 1 47.62 | + 3 33.0 | 1.692 | 2.600 | 10.7 | 20.6 | 11 17 | 1 52.82 | +28 27.6 | 4.150 | 5.068 | 4.6 | 20.3 |
| 11 27 | 1 42.73 | + 3 29.4 | 1.796 | 2.627 | 14.1 | 20.9 | 11 27 | 1 48.41 | +27 53.9 | 4.214 | 5.069 | 6.1 | 20.4 |
| 308928 | 2006 <i>SE</i> ₃₄₉ | 10 26.7 | 343° 26 | 5° 7/30.2 | 18 | | 24877 | 1996 <i>HW</i> ₂₀ | 10 26.7 | 41° 64 | 1° 0/25.8 | 18 | |
| 9 18 | 2 34.67 | +25 31.0 | 1.750 | 2.518 | 17.7 | 20.3 | 9 18 | 2 28.28 | +12 4.3 | 1.912 | 2.731 | 14.7 | 18.8 |
| 9 28 | 2 30.47 | +26 32.5 | 1.663 | 2.514 | 14.9 | 20.1 | 9 28 | 2 24.57 | +11 35.9 | 1.849 | 2.746 | 11.4 | 18.6 |
| 10 8 | 2 23.38 | +27 18.9 | 1.594 | 2.510 | 11.5 | 19.9 | 10 8 | 2 18.79 | +10 58.3 | 1.807 | 2.761 | 7.6 | 18.4 |
| 10 18 | 2 13.94 | +27 46.3 | 1.549 | 2.506 | 8.1 | 19.7 | 10 18 | 2 11.53 | +10 14.7 | 1.790 | 2.778 | 3.5 | 18.2 |
| 10 28 | 2 3.19 | +27 52.9 | 1.529 | 2.503 | 5.8 | 19.6 | 10 28 | 2 3.67 | + 9 29.9 | 1.802 | 2.794 | 1.4 | 18.1 |
| 11 7 | 1 52.52 | +27 40.6 | 1.537 | 2.500 | 6.8 | 19.6 | 11 7 | 1 56.15 | + 8 49.2 | 1.842 | 2.811 | 5.2 | 18.4 |
| 11 17 | 1 43.25 | +27 14.5 | 1.570 | 2.498 | 9.9 | 19.8 | 11 17 | 1 49.84 | + 8 17.1 | 1.908 | 2.828 | 9.0 | 18.7 |
| 11 27 | 1 36.48 | +26 42.4 | 1.628 | 2.496 | 13.4 | 20.0 | 11 27 | 1 45.39 | + 7 57.1 | 2.000 | 2.845 | 12.2 | 18.9 |
| 74708 | 1999 <i>RW</i> ₁₅₀ | 10 26.7 | 101° 18 | 2° 5/28.3 | 18 | | 155857 | 2001 <i>BJ</i> ₄₉ | 10 26.7 | 217° 32 | 4° 6/20.7 | 18 | |
| 9 18 | 2 38.57 | +19 39.6 | 1.570 | 2.361 | 18.5 | 19.5 | 9 18 | 2 26.97 | - 1 53.1 | 2.979 | 3.794 | 10.0 | 21.2 |
| 9 28 | 2 33.20 | +19 53.8 | 1.505 | 2.380 | 14.8 | 19.3 | 9 28 | 2 22.88 | - 3 4.5 | 2.894 | 3.785 | 7.9 | 21.1 |
| 10 8 | 2 24.92 | +19 52.1 | 1.459 | 2.398 | 10.5 | 19.1 | 10 8 | 2 17.37 | - 4 16.7 | 2.835 | 3.775 | 5.9 | 20.9 |
| 10 18 | 2 14.49 | +19 34.2 | 1.438 | 2.416 | 5.9 | 18.9 | 10 18 | 2 10.82 | - 5 24.9 | 2.804 | 3.765 | 4.7 | 20.8 |
| 10 28 | 2 3.15 | +19 2.6 | 1.443 | 2.433 | 2.5 | 18.7 | 10 28 | 2 3.78 | - 6 24.4 | 2.803 | 3.754 | 5.1 | 20.8 |
| 11 7 | 1 52.32 | +18 22.8 | 1.476 | 2.450 | 5.5 | 18.9 | 11 7 | 1 56.84 | - 7 11.0 | 2.831 | 3.743 | 6.9 | 20.9 |
| 11 17 | 1 43.25 | +17 41.7 | 1.536 | 2.466 | 9.9 | 19.2 | 11 17 | 1 50.60 | - 7 42.1 | 2.887 | 3.731 | 9.0 | 21.1 |
| 11 27 | 1 36.83 | +17 6.3 | 1.620 | 2.482 | 13.8 | 19.5 | 11 27 | 1 45.55 | - 7 56.5 | 2.967 | 3.719 | 11.0 | 21.2 |
| 321211 | 2008 <i>YC</i> ₅₆ | 10 26.7 | 359° 58 | 3° 0/28.6 | 18 | | 140225 | 2001 <i>SU</i> ₂₄₁ | 10 26.7 | 267° 61 | 1° 3/25.6 | 18 | |
| 9 18 | 2 28.25 | +20 11.3 | 1.326 | 2.148 | 19.7 | 20.1 | 9 18 | 2 30.00 | +10 58.1 | 2.013 | 2.827 | 14.2 | 20.3 |
| 9 28 | 2 25.89 | +20 28.9 | 1.253 | 2.145 | 16.0 | 19.8 | 9 28 | 2 26.00 | +10 34.0 | 1.929 | 2.824 | 11.1 | 20.1 |
| 10 8 | 2 20.45 | +20 28.1 | 1.197 | 2.143 | 11.5 | 19.6 | 10 8 | 2 19.86 | +10 1.6 | 1.868 | 2.821 | 7.4 | 19.8 |
| 10 18 | 2 12.56 | +20 8.3 | 1.163 | 2.142 | 6.6 | 19.3 | 10 18 | 2 12.11 | + 9 23.6 | 1.832 | 2.818 | 3.5 | 19.6 |
| 10 28 | 2 3.43 | +19 31.9 | 1.153 | 2.143 | 3.1 | 19.1 | 10 28 | 2 3.59 | + 8 44.3 | 1.824 | 2.816 | 1.6 | 19.5 |
| 11 7 | 1 54.59 | +18 45.3 | 1.167 | 2.144 | 6.1 | 19.3 | 11 7 | 1 55.26 | + 8 8.8 | 1.845 | 2.813 | 5.4 | 19.7 |
| 11 17 | 1 47.42 | +17 56.7 | 1.206 | 2.147 | 10.9 | 19.5 | 11 17 | 1 48.04 | + 7 41.4 | 1.893 | 2.810 | 9.2 | 19.9 |
| 11 27 | 1 43.00 | +17 14.8 | 1.268 | 2.150 | 15.4 | 19.8 | 11 27 | 1 42.66 | + 7 26.0 | 1.967 | 2.807 | 12.6 | 20.2 |
| 320167 | 2007 <i>GZ</i> ₃ | 10 26.7 | 152° 69 | 1° 6/25.2 | 18 | | 388087 | 2005 <i>UA</i> ₁₂₅ | 10 26.7 | 266° 13 | 0° 1/26.6 | 18 | |
| 9 18 | 2 30.41 | + 8 10.5 | 2.644 | 3.448 | 11.5 | 20.5 | 9 18 | 2 33.81 | +13 23.9 | 1.707 | 2.519 | 16.4 | 21.9 |
| 9 28 | 2 25.67 | + 7 54.8 | 2.563 | 3.453 | 8.9 | 20.3 | 9 28 | 2 29.60 | +13 21.5 | 1.615 | 2.507 | 13.0 | 21.6 |
| 10 8 | 2 19.28 | + 7 34.8 | 2.506 | 3.458 | 6.0 | 20.2 | 10 8 | 2 22.69 | +13 8.7 | 1.543 | 2.494 | 8.9 | 21.3 |
| 10 18 | 2 11.72 | + 7 12.8 | 2.477 | 3.462 | 2.9 | 20.0 | 10 18 | 2 13.61 | +12 46.7 | 1.495 | 2.481 | 4.3 | 21.0 |
| 10 28 | 2 3.61 | + 6 51.8 | 2.477 | 3.466 | 1.8 | 19.9 | 10 28 | 2 3.36 | +12 19.1 | 1.475 | 2.468 | 0.7 | 20.7 |
| 11 7 | 1 55.70 | + 6 34.9 | 2.508 | 3.470 | 4.6 | 20.1 | 11 7 | 1 53.18 | +11 50.8 | 1.483 | 2.455 | 5.7 | 21.1 |
| 11 17 | 1 48.64 | + 6 24.9 | 2.567 | 3.474 | 7.6 | 20.3 | 11 17 | 1 44.32 | +11 27.2 | 1.517 | 2.442 | 10.4 | 21.3 |
| 11 27 | 1 43.02 | + 6 23.9 | 2.653 | 3.477 | 10.3 | 20.5 | 11 27 | 1 37.76 | +11 13.6 | 1.575 | 2.429 | 14.5 | 21.5 |
| 953 | <i>Painlevé</i> | 10 26.7 | 73° 49 | 0° 3/26.5 | 18 | | 248319 | 2005 <i>PJ</i> ₆ | 10 26.7 | 33° 64 | 2° 2/28.1 | 18 | |
| 9 18 | 2 34.58 | +12 30.9 | 1.868 | 2.674 | 15.4 | 14.4 | 9 18 | 2 33.38 | +17 39.0 | 1.546 | 2.354 | 18.0 | 19.7 |
| 9 28 | 2 29.49 | +12 30.8 | 1.805 | 2.694 | 12.0 | 14.3 | 9 28 | 2 29.21 | +18 8.7 | 1.484 | 2.370 | 14.3 | 19.5 |
| 10 8 | 2 22.10 | +12 22.3 | 1.763 | 2.714 | 8.1 | 14.1 | 10 8 | 2 22.28 | +18 25.1 | 1.442 | 2.386 | 10.1 | 19.3 |
| 10 18 | 2 13.09 | +12 7.0 | 1.748 | 2.734 | 3.8 | 13.8 | 10 18 | 2 13.30 | +18 28.1 | 1.423 | 2.404 | 5.5 | 19.1 |
| 10 28 | 2 3.42 | +11 48.3 | 1.760 | 2.753 | 0.7 | 13.7 | 10 28 | 2 3.43 | +18 19.4 | 1.431 | 2.421 | 2.2 | 19.0 |
| 11 7 | 1 54.16 | +11 30.3 | 1.802 | 2.773 | 5.0 | 14.0 | 11 7 | 1 54.01 | +18 3.4 | 1.465 | 2.440 | 5.4 | 19.2 |
| 11 17 | 1 46.28 | +11 17.0 | 1.871 | 2.793 | 9.0 | 14.3 | 11 17 | 1 46.19 | +17 45.4 | 1.525 | 2.459 | 9.6 | 19.5 |
| 11 27 | 1 40.48 | +11 12.0 | 1.965 | 2.812 | 12.4 | 14.6 | 11 27 | 1 40.86 | +17 31.3 | 1.610 | 2.479 | 13.4 | 19.8 |
| 43491 | 2001 <i>CP</i> | 10 26.7 | 157° 83 | 5° 2/31.7 | 18 | | 154907 | 2004 <i>RE</i> ₃₁₆ | 10 26.7 | 84° 64 | 0° 3/26.4 | 18 | |
| 9 18 | 2 31.80 | +30 48.5 | 1.998 | 2.736 | 16.8 | 18.8 | 9 18 | 2 29.48 | +13 56.0 | 2.166 | 2.969 | 13.7 | 21.3 |
| 9 28 | 2 27.70 | +30 43.5 | 1.910 | 2.739 | 14.1 | 18.6 | 9 28 | 2 25.35 | +13 35.0 | 2.090 | 2.978 | 10.7 | 21.1 |
| 10 8 | 2 21.14 | +30 16.3 | 1.841 | 2.742 | 11.1 | 18.4 | 10 8 | 2 19.28 | +13 4.4 | 2.036 | 2.986 | 7.2 | 20.9 |
| 10 18 | 2 12.73 | +29 25.3 | 1.795 | 2.745 | 7.8 | 18.2 | 10 18 | 2 11.79 | +12 26.5 | 2.009 | 2.995 | 3.4 | 20.7 |
| 10 28 | 2 3.46 | +28 12.0 | 1.776 | 2.747 | 5.4 | 18.1 | 10 28 | 2 3.67 | +11 45.0 | 2.010 | 3.003 | 0.7 | 20.5 |
| 11 7 | 1 54.49 | +26 41.7 | 1.784 | 2.749 | 5.9 | 18.1 | 11 7 | 1 55.81 | +11 4.5 | 2.040 | 3.011 | 4.5 | 20.8 |
| 11 17 | 1 46.87 | +25 2.7 | 1.821 | 2.751 | 8.6 | 18.3 | 11 17 | 1 49.01 | +10 29.6 | 2.098 | 3.020 | 8.2 | 21.1 |
| 11 27 | 1 41.42 | +23 24.4 | 1.884 | 2.752 | 11.8 | 18.5 | 11 27 | 1 43.94 | +10 4.0 | 2.182 | 3.028 | 11.4 | 21.3 |
| 517919 | 2015 <i>TZ</i> ₁₅₂ | 10 26.7 | 343° 51 | 0° 8/26.0 | 18 | | 265461 | 2005 <i>AX</i> ₁₃ | 10 26.7 | 312° 74 | 13° 6/10.5 | 18 | |
| 9 18 | 2 28.39 | +13 3.9 | 1.855 | 2.673 | 15.1 | 21.3 | 9 18 | 2 30.70 | -28 59.4 | 2.146 | 2.913 | 14.9 | 20.0 |
| 9 28 | 2 24.94 | +12 35.5 | 1.773 | 2.670 | 11.8 | 21.1 | 9 28 | 2 26.57 | -30 33.9 | 2.098 | 2.898 | 14.1 | 19.9 |
| 10 8 | 2 19.23 | +11 56.1 | 1.713 | 2.668 | 8.0 | 20.9 | 10 8 | 2 20.23 | -31 49.3 | 2.070 | 2.884 | 13.6 | 19.9 |
| 10 18 | 2 11.82 | +11 8.6 | 1.678 | 2.665 | 3.7 | 20.6 | 10 18 | 2 12.27 | -32 37.5 | 2.062 | 2.870 | 13.8 | 19.9 |
| 10 28 | 2 3.60 | +10 17.6 | 1.671 | 2.663 | 1.2 | 20.4 | 10 28 | 2 3.59 | -32 52.1 | 2.075 | 2.856 | 14.5 | 19.9 |
| 11 7 | 1 55.60 | + 9 29.2 | 1.691 | 2.661 | 5.4 | 20.7 | 11 7 | 1 55.22 | -32 30.6 | 2.107 | 2.843 | 15.6 | 19.9 |
| 11 17 | 1 48.77 | + 8 48.9 | 1.738 | 2.660 | 9.5 | 21.0 | 11 17 | 1 48.06 | -31 34.4 | 2.156 | 2.829 | 16.9 | 20.0 |
| 11 27 | 1 43.90 | + 8 21.3 | 1.810 | 2.659 | 13.2 | 21.2 | 11 27 | 1 42.86 | -30 7.5 | 2.222 | 2.816 | 18.1 | 20.1 |
| 229730 | 2007 <i>GP</i> ₃₇ | 10 26.7 | 277° 58 | 1° 8/25.4 | 18 | | 421599 | 2014 <i>OA</i> ₂₂₉ | 10 26.7 | 35° 30 | 0° 0/26.7 | 14 C | |
| 9 18 | 2 31.12 | +10 54.5 | 1.643 | 2.468 | 16.4 | 21.6 | 9 18 | 2 28.45 | +14 28.9 | 1.947 | 2.758 | 14.7 | 21.0 |
| 9 28 | 2 27.53 | +10 21.6 | 1.552 | 2.453 | 12.9 | 21.4 | 9 28 | 2 24.76 | +14 14.3 | 1.878 | 2.770 | 11.5 | 20.8 |
| 10 8 | 2 21.28 | + 9 37.5 | 1.481 | 2.437 | 8.7 | 21.1 | 10 8 | 2 18.97 | +13 49.1 | 1.831 | 2.782 | 7.8 | 20.6 |
| 10 18 | 2 12.92 | + 8 45.5 | 1.435 | 2.422 | 4.2 | 20.8 | 10 18 | 2 11.66 | +13 15.8 | 1.809 | 2.794 | 3.7 | 20.4 |
| 10 28 | 2 3.42 | + 7 51.4 | 1.415 | 2.406 | 2.3 | 20.6 | 10 28 | 2 3.70 | +12 38.0 | 1.814 | 2.807 | 0.6 | 20.1 |
| 11 7 | 1 54.01 | + 7 2.4 | 1.423 | 2.390 | 6.7 | 20.9 | 11 7 | 1 56.04 | +12 0.7 | 1.848 | 2.821 | 4.7 | 20.5 |
| 11 17 | 1 45.90 | + 6 24.8 | 1.457 | 2.374 | 11.4 | 21.1 | 11 17 | 1 49.57 | +11 28.6 | 1.909 | 2.834 | 8.6 | 20.8 |
| 11 27 | 1 40.06 | + 6 3.6 | 1.513 | 2.358 | | | | | | | | | |

EPHEMERIDES

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|--------------|-------|---------|------|
| 24532 | Csabakiss | 10 26.7 334°03 | 1°6/25.6 18 | | | | 513166 | 2004 <i>DY</i> ₃₈ | 10 26.7 264°37 | 4°1/29.3 18 | | | |
| 9 18 | 2 29.86 | +10 43.4 | 1.527 | 2.360 | 17.0 | 19.2 | 9 18 | 2 35.40 | +22 55.5 | 1.684 | 2.464 | 17.9 | 22.4 |
| 9 28 | 2 26.63 | +10 21.5 | 1.448 | 2.353 | 13.4 | 18.9 | 9 28 | 2 31.24 | +23 24.2 | 1.583 | 2.447 | 14.8 | 22.2 |
| 10 8 | 2 20.69 | +9 49.3 | 1.389 | 2.347 | 9.0 | 18.7 | 10 8 | 2 24.08 | +23 36.8 | 1.502 | 2.431 | 11.1 | 21.9 |
| 10 18 | 2 12.64 | +9 10.2 | 1.353 | 2.341 | 4.3 | 18.4 | 10 18 | 2 14.41 | +23 30.9 | 1.443 | 2.413 | 7.0 | 21.6 |
| 10 28 | 2 3.54 | +8 29.8 | 1.344 | 2.335 | 2.1 | 18.2 | 10 28 | 2 3.26 | +23 6.0 | 1.411 | 2.396 | 4.2 | 21.4 |
| 11 7 | 1 54.64 | +7 54.5 | 1.361 | 2.330 | 6.6 | 18.5 | 11 7 | 1 52.06 | +22 25.9 | 1.406 | 2.378 | 6.1 | 21.5 |
| 11 17 | 1 47.17 | +7 30.1 | 1.403 | 2.326 | 11.3 | 18.8 | 11 17 | 1 42.23 | +21 37.1 | 1.427 | 2.359 | 10.3 | 21.7 |
| 11 27 | 1 42.06 | +7 21.0 | 1.468 | 2.322 | 15.4 | 19.0 | 11 27 | 1 34.96 | +20 48.4 | 1.473 | 2.341 | 14.5 | 21.9 |
| 221951 | 1993 <i>TZ</i> ₃₃ | 10 26.7 19°05 | 1°8/25.3 18 | | | | 14433 | 1992 <i>EE</i> ₈ | 10 26.7 78°74 | 3°4/24.1 18 | | | |
| 9 18 | 2 30.79 | +8 9.3 | 2.013 | 2.831 | 14.0 | 20.2 | 9 18 | 2 31.58 | +8 7.7 | 1.529 | 2.363 | 17.0 | 18.5 |
| 9 28 | 2 26.54 | +8 0.2 | 1.936 | 2.834 | 10.9 | 20.0 | 9 28 | 2 27.61 | +7 5.4 | 1.470 | 2.377 | 13.1 | 18.3 |
| 10 8 | 2 20.18 | +7 46.1 | 1.882 | 2.836 | 7.3 | 19.8 | 10 8 | 2 21.07 | +5 54.1 | 1.432 | 2.390 | 8.8 | 18.1 |
| 10 18 | 2 12.26 | +7 29.5 | 1.853 | 2.839 | 3.6 | 19.5 | 10 18 | 2 12.69 | +4 40.3 | 1.419 | 2.404 | 4.6 | 17.9 |
| 10 28 | 2 3.61 | +7 14.1 | 1.852 | 2.842 | 2.1 | 19.5 | 10 28 | 2 3.57 | +3 31.9 | 1.433 | 2.418 | 4.0 | 17.9 |
| 11 7 | 1 55.19 | +7 3.8 | 1.880 | 2.846 | 5.5 | 19.7 | 11 7 | 1 54.94 | +2 36.5 | 1.473 | 2.431 | 7.7 | 18.1 |
| 11 17 | 1 47.90 | +7 1.6 | 1.936 | 2.850 | 9.2 | 19.9 | 11 17 | 1 47.84 | +1 59.5 | 1.539 | 2.445 | 11.7 | 18.4 |
| 11 27 | 1 42.45 | +7 10.2 | 2.016 | 2.854 | 12.5 | 20.1 | 11 27 | 1 43.04 | +1 43.7 | 1.628 | 2.458 | 15.3 | 18.7 |
| 224111 | 2005 <i>PR</i> ₁₁ | 10 26.7 11°74 | 3°1/24.8 18 | | | | 112965 | 2002 <i>RU</i> ₁₆ | 10 26.7 68°44 | 1°3/25.8 18 | | | |
| 9 18 | 2 28.45 | +8 52.4 | 1.164 | 2.021 | 19.7 | 19.4 | 9 18 | 2 33.31 | +13 8.1 | 1.360 | 2.190 | 18.9 | 19.7 |
| 9 28 | 2 26.08 | +8 14.9 | 1.104 | 2.023 | 15.4 | 19.2 | 9 28 | 2 29.26 | +12 27.5 | 1.305 | 2.208 | 14.7 | 19.5 |
| 10 8 | 2 20.55 | +7 26.5 | 1.063 | 2.026 | 10.3 | 18.9 | 10 8 | 2 22.32 | +11 33.0 | 1.270 | 2.227 | 9.8 | 19.3 |
| 10 18 | 2 12.60 | +6 33.1 | 1.043 | 2.030 | 5.1 | 18.7 | 10 18 | 2 13.31 | +10 29.3 | 1.258 | 2.245 | 4.5 | 19.1 |
| 10 28 | 2 3.56 | +5 43.2 | 1.047 | 2.036 | 3.7 | 18.6 | 10 28 | 2 3.49 | +9 23.8 | 1.272 | 2.264 | 1.8 | 18.9 |
| 11 7 | 1 54.97 | +5 5.1 | 1.075 | 2.042 | 8.3 | 18.9 | 11 7 | 1 54.29 | +8 24.7 | 1.312 | 2.283 | 6.7 | 19.3 |
| 11 17 | 1 48.21 | +4 45.3 | 1.126 | 2.049 | 13.3 | 19.2 | 11 17 | 1 46.87 | +7 39.2 | 1.378 | 2.301 | 11.4 | 19.6 |
| 11 27 | 1 44.24 | +4 46.9 | 1.197 | 2.058 | 17.7 | 19.5 | 11 27 | 1 42.06 | +7 11.8 | 1.467 | 2.320 | 15.4 | 19.9 |
| 509980 | 2009 <i>TL</i> ₁₉ | 10 26.7 47°35 | 0°3/26.5 18 | | | | 114823 | 2003 <i>OB</i> ₁₆ | 10 26.7 173°92 | 2°6/29.5 18 | | | |
| 9 18 | 2 32.22 | +15 3.1 | 1.221 | 2.056 | 20.3 | 21.1 | 9 18 | 2 28.41 | +23 51.4 | 2.404 | 3.168 | 13.6 | 20.0 |
| 9 28 | 2 28.70 | +14 35.5 | 1.171 | 2.076 | 15.9 | 20.9 | 9 28 | 2 24.53 | +23 39.0 | 2.313 | 3.168 | 11.1 | 19.8 |
| 10 8 | 2 22.07 | +13 51.7 | 1.139 | 2.096 | 10.7 | 20.7 | 10 8 | 2 18.76 | +23 11.8 | 2.244 | 3.169 | 8.1 | 19.6 |
| 10 18 | 2 13.20 | +12 55.4 | 1.130 | 2.117 | 5.0 | 20.4 | 10 18 | 2 11.58 | +22 29.9 | 2.199 | 3.169 | 5.0 | 19.4 |
| 10 28 | 2 3.49 | +11 53.8 | 1.146 | 2.139 | 0.9 | 20.2 | 10 28 | 2 3.74 | +21 35.6 | 2.183 | 3.169 | 2.7 | 19.3 |
| 11 7 | 1 54.47 | +10 55.8 | 1.187 | 2.161 | 6.5 | 20.6 | 11 7 | 1 56.09 | +20 33.3 | 2.197 | 3.169 | 4.1 | 19.4 |
| 11 17 | 1 47.39 | +10 9.2 | 1.252 | 2.183 | 11.6 | 21.0 | 11 17 | 1 49.41 | +19 28.4 | 2.239 | 3.169 | 7.2 | 19.6 |
| 11 27 | 1 43.10 | +9 39.5 | 1.340 | 2.206 | 15.8 | 21.3 | 11 27 | 1 44.38 | +18 26.9 | 2.308 | 3.169 | 10.2 | 19.8 |
| 267077 | 1999 <i>TC</i> ₂₀₄ | 10 26.7 316°63 | 1°6/27.7 18 | | | | 390252 | 2012 <i>XL</i> ₉₆ | 10 26.7 123°75 | 4°4/30.9 18 | | | |
| 9 18 | 2 27.07 | +18 44.9 | 1.255 | 2.088 | 20.0 | 20.6 | 9 18 | 2 33.08 | +28 21.8 | 2.088 | 2.832 | 16.0 | 21.1 |
| 9 28 | 2 25.39 | +18 34.4 | 1.165 | 2.066 | 16.2 | 20.3 | 9 28 | 2 28.46 | +28 20.6 | 2.008 | 2.844 | 13.3 | 21.0 |
| 10 8 | 2 20.46 | +18 2.8 | 1.092 | 2.045 | 11.5 | 20.0 | 10 8 | 2 21.54 | +28 0.2 | 1.948 | 2.856 | 10.1 | 20.8 |
| 10 18 | 2 12.78 | +17 10.1 | 1.040 | 2.025 | 6.1 | 19.6 | 10 18 | 2 12.92 | +27 19.5 | 1.912 | 2.868 | 6.9 | 20.6 |
| 10 28 | 2 3.50 | +16 0.5 | 1.012 | 2.005 | 1.6 | 19.2 | 10 28 | 2 3.55 | +26 20.3 | 1.903 | 2.879 | 4.6 | 20.5 |
| 11 7 | 1 54.23 | +14 42.8 | 1.008 | 1.986 | 6.6 | 19.5 | 11 7 | 1 54.51 | +25 7.6 | 1.922 | 2.889 | 5.3 | 20.6 |
| 11 17 | 1 46.56 | +13 28.0 | 1.028 | 1.968 | 12.4 | 19.8 | 11 17 | 1 46.79 | +23 48.4 | 1.970 | 2.899 | 8.1 | 20.8 |
| 11 27 | 1 41.80 | +12 26.9 | 1.069 | 1.950 | 17.7 | 20.0 | 11 27 | 1 41.13 | +22 30.6 | 2.045 | 2.909 | 11.2 | 21.0 |
| 468700 | 2009 <i>WK</i> ₉₆ | 10 26.7 14°73 | 0°1/26.9 18 | | | | 308874 | 2006 <i>SM</i> ₆₁ | 10 26.7 3°81 | 3°4/29.5 18 | | | |
| 9 18 | 2 21.66 | +14 56.8 | 3.986 | 4.772 | 8.2 | 21.3 | 9 18 | 2 25.98 | +23 58.8 | 1.503 | 2.306 | 18.7 | 19.8 |
| 9 28 | 2 18.46 | +14 38.8 | 3.895 | 4.773 | 6.4 | 21.1 | 9 28 | 2 23.78 | +23 49.3 | 1.427 | 2.305 | 15.3 | 19.5 |
| 10 8 | 2 14.26 | +14 15.1 | 3.830 | 4.775 | 4.4 | 21.0 | 10 8 | 2 18.84 | +23 17.5 | 1.368 | 2.305 | 11.2 | 19.3 |
| 10 18 | 2 9.33 | +13 46.8 | 3.793 | 4.777 | 2.1 | 20.8 | 10 18 | 2 11.79 | +22 23.2 | 1.332 | 2.306 | 6.8 | 19.0 |
| 10 28 | 2 4.07 | +13 15.9 | 3.785 | 4.778 | 0.3 | 20.7 | 10 28 | 2 3.72 | +21 10.3 | 1.321 | 2.309 | 3.5 | 18.9 |
| 11 7 | 1 58.91 | +12 44.8 | 3.808 | 4.780 | 2.6 | 20.9 | 11 7 | 1 55.96 | +19 46.4 | 1.335 | 2.312 | 5.6 | 19.0 |
| 11 17 | 1 54.24 | +12 15.6 | 3.862 | 4.782 | 4.8 | 21.0 | 11 17 | 1 49.70 | +18 21.1 | 1.376 | 2.316 | 9.9 | 19.3 |
| 11 27 | 1 50.43 | +11 50.7 | 3.943 | 4.784 | 6.8 | 21.2 | 11 27 | 1 45.85 | +17 4.1 | 1.440 | 2.320 | 14.0 | 19.5 |
| 514975 | 2009 <i>CZ</i> ₆₆ | 10 26.7 306°65 | 0°3/26.4 18 | | | | 415268 | 2013 <i>CM</i> ₈₉ | 10 26.7 352°18 | 11°4/29.4 17 | | | |
| 9 18 | 2 29.77 | +14 20.9 | 1.813 | 2.626 | 15.5 | 21.4 | 9 18 | 2 48.74 | +25 1.1 | 1.062 | 1.854 | 25.5 | 20.0 |
| 9 28 | 2 26.12 | +13 56.3 | 1.729 | 2.623 | 12.2 | 21.2 | 9 28 | 2 44.12 | +27 54.5 | 0.990 | 1.851 | 21.8 | 19.8 |
| 10 8 | 2 20.10 | +13 19.5 | 1.667 | 2.619 | 8.3 | 21.0 | 10 8 | 2 34.43 | +30 38.8 | 0.934 | 1.848 | 17.6 | 19.5 |
| 10 18 | 2 12.30 | +12 32.9 | 1.630 | 2.616 | 3.9 | 20.7 | 10 18 | 2 19.98 | +32 59.8 | 0.898 | 1.847 | 13.6 | 19.3 |
| 10 28 | 2 3.61 | +11 41.1 | 1.620 | 2.613 | 0.8 | 20.5 | 10 28 | 2 2.40 | +34 43.1 | 0.885 | 1.845 | 11.5 | 19.2 |
| 11 7 | 1 55.13 | +10 50.2 | 1.638 | 2.610 | 5.3 | 20.8 | 11 7 | 1 44.46 | +35 41.6 | 0.896 | 1.845 | 12.7 | 19.2 |
| 11 17 | 1 47.89 | +10 6.1 | 1.683 | 2.607 | 9.6 | 21.0 | 11 17 | 1 29.13 | +35 59.5 | 0.928 | 1.845 | 16.3 | 19.4 |
| 11 27 | 1 42.69 | +9 34.1 | 1.752 | 2.604 | 13.4 | 21.3 | 11 27 | 1 18.63 | +35 51.4 | 0.980 | 1.846 | 20.3 | 19.7 |
| 55580 | 2002 <i>JB</i> ₁₁₀ | 10 26.7 18°11 | 6°1/24.4 18 | | | | 386932 | 2011 <i>LJ</i> ₂₈ | 10 26.7 60°09 | 1°3/27.6 18 | | | |
| 9 18 | 2 37.73 | -2 25.3 | 1.273 | 2.117 | 19.2 | 16.4 | 9 18 | 2 35.16 | +17 25.9 | 1.505 | 2.313 | 18.4 | 20.4 |
| 9 28 | 2 32.94 | -2 16.6 | 1.217 | 2.124 | 15.2 | 16.2 | 9 28 | 2 30.47 | +17 25.4 | 1.451 | 2.338 | 14.5 | 20.2 |
| 10 8 | 2 24.95 | -2 1.8 | 1.179 | 2.132 | 10.9 | 16.0 | 10 8 | 2 23.02 | +17 9.9 | 1.417 | 2.364 | 10.0 | 20.0 |
| 10 18 | 2 14.61 | -1 35.7 | 1.164 | 2.141 | 7.1 | 15.8 | 10 18 | 2 13.61 | +16 40.8 | 1.407 | 2.390 | 5.1 | 19.8 |
| 10 28 | 2 3.27 | -0 54.1 | 1.175 | 2.152 | 6.5 | 15.8 | 10 28 | 2 3.47 | +16 2.3 | 1.423 | 2.416 | 1.4 | 19.6 |
| 11 7 | 1 52.53 | +0 4.6 | 1.210 | 2.164 | 9.6 | 16.0 | 11 7 | 1 53.95 | +15 20.4 | 1.466 | 2.442 | 5.4 | 19.9 |
| 11 17 | 1 43.73 | +1 19.3 | 1.271 | 2.176 | 13.7 | 16.3 | 11 17 | 1 46.16 | +14 41.8 | 1.536 | 2.467 | 9.8 | 20.2 |
| 11 27 | 1 37.82 | +2 47.3 | 1.353 | 2.190 | 17.4 | 16.6 | 11 27 | 1 40.89 | +14 12.3 | 1.630 | 2.493 | 13.6 | 20.5 |
| 57963 | 2002 <i>LV</i> ₃ | 10 26.7 77°92 | 1°3/25.4 18 | | | | 268365 | 2005 <i>TB</i> ₁₁₉ | 10 26.7 75°91 | 0°5/27.0 16 | | | |
| 9 18 | 2 28.63 | +10 44.7 | 2.217 | 3.029 | 13.1 | 19.5 | 9 18 | 2 34.38 | +16 25.4 | 1.501 | 2.313 | 18.3 | 21.3 |
| 9 28 | 2 24.62 | +10 13.9 | 2.143 | 3.037 | 10.2 | 19.3 | 9 28 | 2 29.91 | +16 5.0 | 1.442 | 2.333 | 14.4 | 21.1 |
| 10 8 | 2 18.75 | +9 35.5 | 2.092 | 3.046 | 6.8 | 19.1 | 10 8 | 2 22.68 | +15 29.4 | 1.404 | 2.354 | 9.8 | 20.9 |
| 10 18 | 2 11.54 | +8 52.7 | 2.068 | 3.054 | 3.2 | 18.9 | 10 18 | 2 13.48 | +14 41.3 | 1.389 | 2.374 | 4.7 | 20.7 |
| 10 28 | 2 3.74 | +8 9.7 | 2.072 | 3.063 | 1.7 | 18.8 | 10 28 | 2 3.50 | +13 45.8 | 1.400 | 2.393 | 0.7 | 20.4 |
| 11 7 | 1 56.20 | +7 30.9 | 2.105 | 3.071 | 5.0 | 19.1 | 11 7 | 1 54.08 | +12 50.2 | 1.439 | 2.413 | 5.6 | 20.9 |
| 11 17 | 1 49.68 | +7 0.6 | 2.167 | 3.080 | 8.4 | 19.3 | 11 17 | 1 46.36 | +12 1.5 | 1.504 | 2.433 | 10.2 | 21.2 |
| 11 27 | 1 44.80 | +6 41.7 | 2.253 | 3.088 | 11.4 | 19.5 | 11 27 | 1 41.14 | +11 25.7 | 1.594 | 2.452 | 14.1 | |

EPHEMERIDES

10 26.7

10 26.7

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|-----------|---------|------|---------------|-------------------------------|-----------------|----------|-----------|---------|------|
| 172695 | 2004 <i>BO</i> ₅ | 10 26.7 | 64°33' | 2°5'/28.7 | 18 | | 308881 | 2006 <i>SW</i> ₉₂ | 10 26.7 | 69°64' | 0°5'/26.3 | 18 | |
| 9 18 | 2 31.60 | +20 58.0 | 1.852 | 2.639 | 16.2 | 20.3 | 9 18 | 2 29.28 | +14 17.7 | 1.909 | 2.720 | 15.0 | 21.5 |
| 9 28 | 2 27.55 | +21 2.6 | 1.773 | 2.645 | 13.1 | 20.1 | 9 28 | 2 25.51 | +13 44.0 | 1.833 | 2.726 | 11.7 | 21.3 |
| 10 8 | 2 21.08 | +20 51.9 | 1.714 | 2.650 | 9.4 | 19.9 | 10 8 | 2 19.56 | +12 58.5 | 1.780 | 2.732 | 7.9 | 21.1 |
| 10 18 | 2 12.77 | +20 25.9 | 1.680 | 2.655 | 5.4 | 19.7 | 10 18 | 2 12.01 | +12 4.1 | 1.751 | 2.738 | 3.7 | 20.9 |
| 10 28 | 2 3.59 | +19 47.0 | 1.672 | 2.661 | 2.6 | 19.5 | 10 28 | 2 3.74 | +11 5.8 | 1.751 | 2.744 | 0.9 | 20.7 |
| 11 7 | 1 54.69 | +19 0.1 | 1.692 | 2.667 | 4.9 | 19.7 | 11 7 | 1 55.76 | +10 9.6 | 1.779 | 2.750 | 5.1 | 21.0 |
| 11 17 | 1 47.09 | +18 11.4 | 1.740 | 2.673 | 8.8 | 19.9 | 11 17 | 1 48.98 | +9 21.2 | 1.834 | 2.756 | 9.1 | 21.2 |
| 11 27 | 1 41.64 | +17 27.5 | 1.813 | 2.678 | 12.4 | 20.2 | 11 27 | 1 44.12 | +8 45.3 | 1.915 | 2.763 | 12.6 | 21.5 |
| 355685 | 2008 <i>FG</i> ₁₁ | 10 26.7 | 152°11' | 3°5'/29.9 | 18 | | 517390 | 2014 <i>KR</i> ₁₀₄ | 10 26.7 | 2°28' | 4°1'/23.2 | 18 | |
| 9 18 | 2 31.96 | +24 58.7 | 2.272 | 3.027 | 14.5 | 21.5 | 9 18 | 2 27.78 | +5 17.2 | 1.770 | 2.606 | 14.9 | 21.2 |
| 9 28 | 2 27.45 | +25 6.9 | 2.184 | 3.032 | 11.9 | 21.3 | 9 28 | 2 24.47 | +4 13.8 | 1.698 | 2.606 | 11.6 | 20.9 |
| 10 8 | 2 20.82 | +25 0.0 | 2.118 | 3.036 | 8.9 | 21.1 | 10 8 | 2 18.93 | +3 4.2 | 1.649 | 2.606 | 8.0 | 20.7 |
| 10 18 | 2 12.60 | +24 37.1 | 2.076 | 3.040 | 5.8 | 21.0 | 10 18 | 2 11.74 | +1 54.2 | 1.624 | 2.606 | 4.8 | 20.5 |
| 10 28 | 2 3.62 | +23 59.7 | 2.062 | 3.044 | 3.6 | 20.8 | 10 28 | 2 3.78 | +0 51.2 | 1.627 | 2.606 | 4.7 | 20.5 |
| 11 7 | 1 54.85 | +23 11.4 | 2.077 | 3.047 | 4.7 | 20.9 | 11 7 | 1 56.10 | +0 1.8 | 1.657 | 2.607 | 7.8 | 20.7 |
| 11 17 | 1 47.18 | +22 17.6 | 2.121 | 3.050 | 7.6 | 21.1 | 11 17 | 1 49.63 | +0 29.3 | 1.712 | 2.608 | 11.4 | 21.0 |
| 11 27 | 1 41.35 | +21 24.6 | 2.191 | 3.053 | 10.7 | 21.3 | 11 27 | 1 45.11 | +0 39.7 | 1.791 | 2.609 | 14.6 | 21.2 |
| 213495 | 2002 <i>GS</i> ₃₇ | 10 26.7 | 83°34' | 0°5'/26.3 | 18 | | 140183 | 2001 <i>SP</i> ₂₀₅ | 10 26.7 | 77°91' | 0°0'/26.7 | 18 | |
| 9 18 | 2 34.69 | +14 54.6 | 1.401 | 2.222 | 18.9 | 20.9 | 9 18 | 2 31.81 | +13 55.7 | 1.942 | 2.748 | 14.9 | 20.1 |
| 9 28 | 2 30.30 | +14 18.4 | 1.343 | 2.241 | 14.8 | 20.7 | 9 28 | 2 27.47 | +13 48.8 | 1.866 | 2.754 | 11.7 | 19.9 |
| 10 8 | 2 23.02 | +13 26.9 | 1.306 | 2.259 | 10.0 | 20.5 | 10 8 | 2 20.90 | +13 32.1 | 1.811 | 2.760 | 8.0 | 19.7 |
| 10 18 | 2 13.66 | +12 23.9 | 1.291 | 2.278 | 4.6 | 20.2 | 10 18 | 2 12.66 | +13 7.4 | 1.781 | 2.766 | 3.8 | 19.4 |
| 10 28 | 2 3.48 | +11 16.3 | 1.304 | 2.297 | 1.0 | 20.0 | 10 28 | 2 3.65 | +12 37.9 | 1.779 | 2.772 | 0.6 | 19.2 |
| 11 7 | 1 53.92 | +10 12.4 | 1.343 | 2.315 | 6.2 | 20.4 | 11 7 | 1 54.91 | +12 8.3 | 1.806 | 2.778 | 4.9 | 19.5 |
| 11 17 | 1 46.15 | +9 19.8 | 1.408 | 2.333 | 11.0 | 20.8 | 11 17 | 1 47.38 | +11 43.1 | 1.860 | 2.784 | 8.9 | 19.8 |
| 11 27 | 1 41.00 | +8 43.9 | 1.496 | 2.351 | 15.1 | 21.1 | 11 27 | 1 41.82 | +11 26.6 | 1.940 | 2.790 | 12.3 | 20.0 |
| 295953 | 2008 <i>XG</i> ₅₅ | 10 26.7 | 333°13' | 9°1'/21.2 | 18 | | 198597 | 2005 <i>AU</i> ₅ | 10 26.7 | 275°00' | 2°8'/29.3 | 17 | |
| 9 18 | 2 33.57 | +8 20.0 | 1.549 | 2.385 | 16.7 | 19.8 | 9 18 | 2 29.65 | +22 36.9 | 2.439 | 3.205 | 13.4 | 20.5 |
| 9 28 | 2 29.36 | +9 9.0 | 1.482 | 2.377 | 13.8 | 19.6 | 9 28 | 2 25.62 | +22 46.7 | 2.337 | 3.194 | 10.9 | 20.3 |
| 10 8 | 2 22.44 | +9 50.6 | 1.435 | 2.370 | 11.0 | 19.4 | 10 8 | 2 19.61 | +22 43.8 | 2.257 | 3.182 | 8.1 | 20.1 |
| 10 18 | 2 13.45 | +10 16.4 | 1.411 | 2.363 | 9.2 | 19.3 | 10 18 | 2 12.07 | +22 27.8 | 2.201 | 3.171 | 5.0 | 19.9 |
| 10 28 | 2 3.50 | +10 18.9 | 1.412 | 2.357 | 9.7 | 19.3 | 10 28 | 2 3.73 | +21 59.9 | 2.174 | 3.159 | 2.8 | 19.8 |
| 11 7 | 1 53.87 | +9 54.0 | 1.437 | 2.351 | 12.0 | 19.5 | 11 7 | 1 55.45 | +21 23.0 | 2.176 | 3.147 | 4.3 | 19.9 |
| 11 17 | 1 45.74 | +9 1.5 | 1.486 | 2.346 | 15.0 | 19.6 | 11 17 | 1 48.07 | +20 41.6 | 2.206 | 3.136 | 7.4 | 20.0 |
| 11 27 | 1 40.01 | +7 44.4 | 1.555 | 2.341 | 18.0 | 19.8 | 11 27 | 1 42.33 | +20 1.0 | 2.264 | 3.124 | 10.4 | 20.2 |
| 111871 | 2002 <i>EH</i> ₉₈ | 10 26.7 | 136°40' | 2°6'/28.7 | 18 | | 328383 | 2008 <i>RR</i> ₅₆ | 10 26.7 | 318°08' | 2°6'/23.8 | 18 | |
| 9 18 | 2 35.78 | +22 6.2 | 1.705 | 2.487 | 17.6 | 20.1 | 9 18 | 2 25.58 | +8 16.7 | 2.326 | 3.146 | 12.3 | 20.6 |
| 9 28 | 2 30.96 | +21 55.3 | 1.630 | 2.498 | 14.2 | 19.9 | 9 28 | 2 22.24 | +7 11.3 | 2.244 | 3.144 | 9.5 | 20.4 |
| 10 8 | 2 23.43 | +21 25.9 | 1.575 | 2.509 | 10.2 | 19.6 | 10 8 | 2 17.17 | +5 58.3 | 2.186 | 3.141 | 6.4 | 20.2 |
| 10 18 | 2 13.89 | +20 38.2 | 1.543 | 2.519 | 5.9 | 19.4 | 10 18 | 2 10.85 | +4 42.2 | 2.155 | 3.139 | 3.4 | 20.0 |
| 10 28 | 2 3.45 | +19 35.6 | 1.539 | 2.528 | 2.6 | 19.2 | 10 28 | 2 3.94 | +3 28.8 | 2.153 | 3.137 | 3.1 | 20.0 |
| 11 7 | 1 53.41 | +18 24.7 | 1.563 | 2.537 | 5.2 | 19.4 | 11 7 | 1 57.21 | +2 23.6 | 2.180 | 3.134 | 5.9 | 20.1 |
| 11 17 | 1 44.94 | +17 13.8 | 1.615 | 2.545 | 9.4 | 19.7 | 11 17 | 1 51.37 | +1 31.5 | 2.235 | 3.132 | 9.0 | 20.3 |
| 11 27 | 1 38.88 | +16 10.7 | 1.691 | 2.553 | 13.3 | 19.9 | 11 27 | 1 47.03 | +0 55.6 | 2.315 | 3.130 | 11.9 | 20.5 |
| 493577 | 2015 <i>KG</i> ₁₄₃ | 10 26.7 | 220°78' | 0°4'/26.9 | 18 | | 101472 | 1998 <i>WL</i> ₁₈ | 10 26.7 | 9°14' | 0°4'/26.9 | 18 | |
| 9 18 | 2 33.34 | +15 54.0 | 1.836 | 2.638 | 15.8 | 22.5 | 9 18 | 2 29.73 | +11 39.0 | 0.940 | 1.806 | 22.6 | 18.1 |
| 9 28 | 2 28.98 | +15 36.9 | 1.746 | 2.631 | 12.6 | 22.3 | 9 28 | 2 27.89 | +12 20.7 | 0.886 | 1.808 | 17.9 | 17.9 |
| 10 8 | 2 22.12 | +15 6.6 | 1.677 | 2.625 | 8.7 | 22.0 | 10 8 | 2 22.24 | +12 52.4 | 0.849 | 1.812 | 12.3 | 17.6 |
| 10 18 | 2 13.32 | +14 24.7 | 1.633 | 2.617 | 4.2 | 21.7 | 10 18 | 2 13.60 | +13 14.5 | 0.830 | 1.818 | 5.9 | 17.3 |
| 10 28 | 2 3.53 | +13 35.2 | 1.616 | 2.610 | 0.6 | 21.4 | 10 28 | 2 3.52 | +13 29.7 | 0.834 | 1.827 | 0.9 | 17.0 |
| 11 7 | 1 53.89 | +12 43.6 | 1.628 | 2.601 | 5.2 | 21.8 | 11 7 | 1 53.97 | +13 42.3 | 0.859 | 1.837 | 7.3 | 17.4 |
| 11 17 | 1 45.52 | +11 56.4 | 1.668 | 2.593 | 9.6 | 22.0 | 11 17 | 1 46.66 | +13 57.7 | 0.907 | 1.850 | 13.2 | 17.8 |
| 11 27 | 1 39.31 | +11 19.4 | 1.732 | 2.584 | 13.5 | 22.2 | 11 27 | 1 42.77 | +14 20.8 | 0.974 | 1.864 | 18.2 | 18.1 |
| 218877 | 2007 <i>AC</i> ₂₇ | 10 26.7 | 41°39' | 4°3'/29.8 | 18 | | 226121 | 2002 <i>QG</i> ₄ | 10 26.7 | 354°83' | 2°6'/29.0 | 18 | |
| 9 18 | 2 30.69 | +25 17.4 | 1.298 | 2.100 | 21.1 | 19.9 | 9 18 | 2 28.30 | +21 43.6 | 2.105 | 2.887 | 14.7 | 20.2 |
| 9 28 | 2 27.81 | +25 14.2 | 1.234 | 2.110 | 17.3 | 19.7 | 9 28 | 2 24.78 | +21 49.3 | 2.018 | 2.885 | 11.9 | 20.0 |
| 10 8 | 2 21.71 | +24 45.2 | 1.187 | 2.121 | 12.8 | 19.5 | 10 8 | 2 19.13 | +21 40.9 | 1.951 | 2.883 | 8.7 | 19.8 |
| 10 18 | 2 13.17 | +23 49.9 | 1.160 | 2.132 | 8.0 | 19.2 | 10 18 | 2 11.86 | +21 18.3 | 1.909 | 2.882 | 5.2 | 19.6 |
| 10 28 | 2 3.56 | +22 32.2 | 1.158 | 2.144 | 4.4 | 19.1 | 10 28 | 2 3.78 | +20 43.5 | 1.894 | 2.881 | 2.7 | 19.5 |
| 11 7 | 1 54.48 | +21 1.1 | 1.181 | 2.156 | 6.3 | 19.2 | 11 7 | 1 55.88 | +20 0.5 | 1.907 | 2.881 | 4.5 | 19.6 |
| 11 17 | 1 47.29 | +19 28.2 | 1.229 | 2.169 | 10.8 | 19.5 | 11 17 | 1 49.05 | +19 14.6 | 1.948 | 2.881 | 8.0 | 19.8 |
| 11 27 | 1 42.97 | +18 4.8 | 1.300 | 2.182 | 15.1 | 19.8 | 11 27 | 1 44.05 | +18 31.8 | 2.015 | 2.881 | 11.3 | 20.0 |
| 50854 | 2000 <i>FD</i> ₅₀ | 10 26.7 | 265°77' | 5°1'/31.4 | 18 | | 267081 | 1999 <i>TR</i> ₃₁₈ | 10 26.7 | 302°55' | 0°5'/26.3 | 18 | |
| 9 18 | 2 30.65 | +29 40.2 | 2.069 | 2.811 | 16.1 | 18.9 | 9 18 | 2 28.91 | +14 24.8 | 1.685 | 2.505 | 16.3 | 20.8 |
| 9 28 | 2 26.94 | +29 45.0 | 1.965 | 2.798 | 13.6 | 18.7 | 9 28 | 2 25.75 | +13 54.4 | 1.596 | 2.493 | 12.9 | 20.6 |
| 10 8 | 2 20.79 | +29 29.7 | 1.881 | 2.785 | 10.7 | 18.5 | 10 8 | 2 20.06 | +13 10.1 | 1.528 | 2.482 | 8.8 | 20.3 |
| 10 18 | 2 12.71 | +28 52.1 | 1.820 | 2.771 | 7.6 | 18.3 | 10 18 | 2 12.39 | +12 14.5 | 1.484 | 2.471 | 4.1 | 20.0 |
| 10 28 | 2 3.62 | +27 52.8 | 1.785 | 2.758 | 5.3 | 18.1 | 10 28 | 2 3.70 | +11 12.9 | 1.467 | 2.460 | 1.0 | 19.7 |
| 11 7 | 1 54.62 | +26 35.8 | 1.778 | 2.744 | 5.8 | 18.1 | 11 7 | 1 55.15 | +10 12.3 | 1.477 | 2.449 | 5.8 | 20.1 |
| 11 17 | 1 46.80 | +25 8.4 | 1.799 | 2.730 | 8.7 | 18.2 | 11 17 | 1 47.87 | +9 19.8 | 1.514 | 2.439 | 10.4 | 20.3 |
| 11 27 | 1 41.07 | +23 39.4 | 1.846 | 2.715 | 12.0 | 18.4 | 11 27 | 1 42.76 | +8 41.4 | 1.574 | 2.428 | 14.5 | 20.5 |
| 166990 | 2003 <i>OR</i> ₃₂ | 10 26.7 | 54°91' | 0°4'/26.4 | 18 | | 264836 | 2002 <i>QP</i> ₄₈ | 10 26.7 | 36°77' | 4°6'/23.9 | 18 | |
| 9 18 | 2 31.62 | +13 52.1 | 1.607 | 2.426 | 17.0 | 20.1 | 9 18 | 2 30.95 | +6 11.2 | 1.177 | 2.033 | 19.6 | 20.3 |
| 9 28 | 2 27.73 | +13 33.6 | 1.538 | 2.435 | 13.3 | 19.8 | 9 28 | 2 27.84 | +5 17.1 | 1.126 | 2.043 | 15.2 | 20.1 |
| 10 8 | 2 21.25 | +13 3.1 | 1.490 | 2.444 | 9.0 | 19.6 | 10 8 | 2 21.60 | +4 15.3 | 1.093 | 2.055 | 10.3 | 19.8 |
| 10 18 | 2 12.86 | +12 23.1 | 1.466 | 2.453 | 4.2 | 19.4 | 10 18 | 2 13.08 | +3 13.4 | 1.082 | 2.067 | 5.8 | 19.6 |
| 10 28 | 2 3.62 | +11 38.5 | 1.469 | 2.462 | 0.9 | 19.1 | 10 28 | 2 3.62 | +2 20.7 | 1.096 | 2.080 | 5.2 | 19.6 |
| 11 7 | 1 54.75 | +10 55.5 | 1.499 | 2.471 | 5.7 | 19.5 | 11 7 | 1 54.76 | +1 45.3 | 1.134 | 2.094 | 9.2 | 19.9 |
| 11 17 | 1 47.35 | +10 20.1 | 1.555 | 2.481 | 10.1 | 19.8 | 11 17 | 1 47.79 | +1 32.0 | 1.195 | 2.108 | 13.8 | 20.2 |
| 11 27 | 1 42.24 | +9 57.2 | 1.635 | 2.490 | 14.0 | 20.0 | 11 27 | 1 43.59 | +1 42.3 | | | | |

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10 26.7

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|------------------------------|----------|-------|---------|------|-------|-----------------|-------------------------------|------------------------------|-------|---------|------|
| 494497 | 2016 <i>WV</i> ₄₇ | 10 26.7 17°38' 3.6"/24.9 18 | | | | | | 44659 | 1999 <i>RJ</i> ₁₆₉ | 10 26.7 231°97' 4.7"/29.8 18 | | | |
| 9 18 | 2 28.61 | + 6 24.4 | 1.074 | 1.939 | 20.4 | 19.4 | 9 18 | 2 35.54 | +24 17.2 | 1.565 | 2.346 | 19.0 | 19.4 |
| 9 28 | 2 26.28 | + 6 7.0 | 1.026 | 1.949 | 15.9 | 19.2 | 9 28 | 2 31.42 | +24 47.8 | 1.480 | 2.343 | 15.7 | 19.2 |
| 10 8 | 2 20.69 | + 5 43.3 | 0.996 | 1.960 | 10.7 | 18.9 | 10 8 | 2 24.20 | +25 0.0 | 1.414 | 2.340 | 11.8 | 18.9 |
| 10 18 | 2 12.68 | + 5 19.1 | 0.987 | 1.974 | 5.5 | 18.7 | 10 18 | 2 14.48 | +24 50.9 | 1.370 | 2.337 | 7.7 | 18.7 |
| 10 28 | 2 3.69 | + 5 1.4 | 1.000 | 1.989 | 4.1 | 18.7 | 10 28 | 2 3.44 | +24 20.7 | 1.351 | 2.333 | 4.8 | 18.5 |
| 11 7 | 1 55.31 | + 4 56.4 | 1.038 | 2.005 | 8.5 | 19.0 | 11 7 | 1 52.56 | +23 33.8 | 1.359 | 2.330 | 6.4 | 18.6 |
| 11 17 | 1 48.89 | + 5 7.8 | 1.098 | 2.024 | 13.4 | 19.3 | 11 17 | 1 43.30 | +22 37.9 | 1.393 | 2.326 | 10.4 | 18.8 |
| 11 27 | 1 45.35 | + 5 37.1 | 1.178 | 2.043 | 17.6 | 19.6 | 11 27 | 1 36.76 | +21 42.5 | 1.450 | 2.322 | 14.5 | 19.1 |
| 143452 | 2003 <i>BX</i> ₈₁ | 10 26.7 321°71' 5.9"/21.9 18 | | | | | | 314004 | 2004 <i>TG</i> ₃₆₆ | 10 26.7 28°96' 5.8"/24.3 17 | | | |
| 9 18 | 2 24.92 | + 3 16.4 | 1.517 | 2.369 | 16.1 | 19.1 | 9 18 | 2 32.44 | + 3 18.0 | 0.830 | 1.710 | 23.5 | 19.2 |
| 9 28 | 2 22.96 | + 1 59.6 | 1.423 | 2.339 | 12.8 | 18.9 | 9 28 | 2 29.81 | + 2 50.0 | 0.796 | 1.726 | 18.3 | 18.9 |
| 10 8 | 2 18.41 | + 0 33.9 | 1.350 | 2.309 | 9.1 | 18.6 | 10 8 | 2 23.26 | + 2 19.6 | 0.778 | 1.744 | 12.6 | 18.7 |
| 10 18 | 2 11.72 | + 0 53.4 | 1.301 | 2.279 | 6.3 | 18.3 | 10 18 | 2 13.91 | + 1 55.0 | 0.779 | 1.764 | 7.3 | 18.5 |
| 10 28 | 2 3.81 | + 2 12.1 | 1.277 | 2.251 | 6.7 | 18.3 | 10 28 | 2 3.57 | + 1 45.1 | 0.801 | 1.786 | 6.3 | 18.6 |
| 11 7 | 1 55.89 | + 3 12.7 | 1.279 | 2.223 | 10.2 | 18.4 | 11 7 | 1 54.24 | + 1 55.7 | 0.844 | 1.808 | 10.6 | 18.9 |
| 11 17 | 1 49.16 | + 3 48.0 | 1.303 | 2.196 | 14.4 | 18.6 | 11 17 | 1 47.42 | + 2 28.3 | 0.908 | 1.832 | 15.6 | 19.3 |
| 11 27 | 1 44.67 | + 3 54.5 | 1.348 | 2.169 | 18.4 | 18.8 | 11 27 | 1 44.04 | + 3 21.6 | 0.991 | 1.858 | 20.0 | 19.6 |
| 284215 | 2006 <i>BY</i> ₂₆₉ | 10 26.7 209°21' 6.7"/20.9 18 | | | | | | 272732 | 2005 <i>YU</i> ₈₄ | 10 26.7 161°35' 4.1"/31.2 18 | | | |
| 9 18 | 2 32.31 | + 4 18.9 | 2.069 | 2.891 | 13.6 | 21.3 | 9 18 | 2 30.17 | +28 33.4 | 2.526 | 3.261 | 13.7 | 20.4 |
| 9 28 | 2 27.68 | + 5 25.8 | 1.994 | 2.886 | 10.9 | 21.1 | 9 28 | 2 25.93 | +28 38.4 | 2.435 | 3.263 | 11.5 | 20.2 |
| 10 8 | 2 20.96 | + 6 31.0 | 1.943 | 2.881 | 8.4 | 20.9 | 10 8 | 2 19.75 | +28 27.4 | 2.363 | 3.266 | 8.9 | 20.0 |
| 10 18 | 2 12.69 | + 7 27.9 | 1.918 | 2.875 | 6.8 | 20.8 | 10 18 | 2 12.13 | +27 59.4 | 2.317 | 3.268 | 6.2 | 19.9 |
| 10 28 | 2 3.69 | + 8 10.0 | 1.920 | 2.869 | 7.2 | 20.8 | 10 28 | 2 3.82 | +27 15.5 | 2.298 | 3.270 | 4.3 | 19.8 |
| 11 7 | 1 54.91 | + 8 32.3 | 1.950 | 2.862 | 9.4 | 21.0 | 11 7 | 1 55.69 | +26 19.2 | 2.307 | 3.272 | 4.8 | 19.8 |
| 11 17 | 1 47.24 | + 8 32.6 | 2.005 | 2.855 | 12.1 | 21.1 | 11 17 | 1 48.56 | +25 15.4 | 2.346 | 3.273 | 7.1 | 20.0 |
| 11 27 | 1 41.38 | + 8 11.0 | 2.082 | 2.847 | 14.7 | 21.3 | 11 27 | 1 43.10 | +24 10.5 | 2.412 | 3.275 | 9.8 | 20.1 |
| 474332 | 2002 <i>FC</i> ₃₀ | 10 26.7 129°51' 4.2"/23.8 18 | | | | | | 263251 | Pandabear | 10 26.7 28°01' 6.4"/23.2 17 | | | |
| 9 18 | 2 35.52 | + 1 57.2 | 1.944 | 2.762 | 14.5 | 20.9 | 9 18 | 2 31.41 | + 2 24.2 | 1.114 | 1.976 | 20.1 | 20.0 |
| 9 28 | 2 30.17 | + 1 28.1 | 1.876 | 2.772 | 11.3 | 20.7 | 9 28 | 2 28.39 | + 1 27.8 | 1.064 | 1.983 | 15.7 | 19.8 |
| 10 8 | 2 22.60 | + 0 57.9 | 1.832 | 2.781 | 7.9 | 20.5 | 10 8 | 2 22.10 | + 0 28.0 | 1.031 | 1.992 | 11.0 | 19.6 |
| 10 18 | 2 13.43 | + 0 31.1 | 1.813 | 2.791 | 4.9 | 20.3 | 10 18 | 2 13.38 | + 0 26.3 | 1.020 | 2.001 | 7.1 | 19.4 |
| 10 28 | 2 3.59 | + 0 12.7 | 1.823 | 2.800 | 4.6 | 20.3 | 10 28 | 2 3.65 | + 1 5.2 | 1.032 | 2.010 | 7.0 | 19.4 |
| 11 7 | 1 54.10 | + 0 6.5 | 1.861 | 2.808 | 7.3 | 20.5 | 11 7 | 1 54.52 | + 1 21.6 | 1.068 | 2.021 | 10.7 | 19.6 |
| 11 17 | 1 45.90 | + 0 14.8 | 1.927 | 2.817 | 10.6 | 20.7 | 11 17 | 1 47.35 | + 1 12.1 | 1.126 | 2.032 | 15.0 | 19.9 |
| 11 27 | 1 39.70 | + 0 38.4 | 2.016 | 2.824 | 13.6 | 21.0 | 11 27 | 1 43.08 | + 0 37.4 | 1.204 | 2.044 | 19.0 | 20.2 |
| 171212 | 2005 <i>JA</i> ₇₀ | 10 26.7 132°61' 0.6"/27.3 18 | | | | | | 323278 | 2003 <i>SR</i> ₄₂₉ | 10 26.7 34°71' 6.0"/21.7 18 | | | |
| 9 18 | 2 31.35 | +17 7.1 | 2.217 | 3.005 | 13.9 | 21.3 | 9 18 | 2 27.94 | + 1 49.5 | 1.917 | 2.753 | 13.9 | 19.9 |
| 9 28 | 2 26.82 | +16 45.0 | 2.138 | 3.016 | 10.9 | 21.1 | 9 28 | 2 24.30 | + 2 50.3 | 1.860 | 2.763 | 11.0 | 19.7 |
| 10 8 | 2 20.30 | +16 11.2 | 2.082 | 3.025 | 7.5 | 20.9 | 10 8 | 2 18.64 | + 3 49.8 | 1.827 | 2.774 | 8.1 | 19.6 |
| 10 18 | 2 12.34 | +15 27.3 | 2.052 | 3.035 | 3.7 | 20.7 | 10 18 | 2 11.57 | + 4 41.9 | 1.818 | 2.785 | 6.1 | 19.5 |
| 10 28 | 2 3.76 | +14 36.9 | 2.051 | 3.044 | 0.7 | 20.5 | 10 28 | 2 3.92 | + 5 20.3 | 1.837 | 2.797 | 6.5 | 19.5 |
| 11 7 | 1 55.44 | +13 44.8 | 2.079 | 3.052 | 4.3 | 20.8 | 11 7 | 1 56.61 | + 5 40.5 | 1.882 | 2.809 | 8.7 | 19.7 |
| 11 17 | 1 48.22 | +12 56.2 | 2.136 | 3.061 | 7.9 | 21.0 | 11 17 | 1 50.46 | + 5 40.6 | 1.952 | 2.821 | 11.5 | 19.9 |
| 11 27 | 1 42.75 | +12 15.8 | 2.220 | 3.068 | 11.1 | 21.3 | 11 27 | 1 46.10 | + 5 20.6 | 2.044 | 2.834 | 14.1 | 20.1 |
| 289979 | 2005 <i>OY</i> ₄ | 10 26.7 122°71' 3.9"/29.7 17 | | | | | | 223906 | 2004 <i>VJ</i> ₆₀ | 10 26.7 246°79' 3.3"/23.6 17 | | | |
| 9 18 | 2 34.79 | +24 33.3 | 1.683 | 2.458 | 18.1 | 20.9 | 9 18 | 2 32.24 | + 1 16.7 | 2.865 | 3.669 | 10.7 | 20.9 |
| 9 28 | 2 30.37 | +24 40.5 | 1.606 | 2.467 | 14.8 | 20.7 | 9 28 | 2 27.13 | + 0 57.3 | 2.765 | 3.652 | 8.4 | 20.7 |
| 10 8 | 2 23.16 | +24 28.2 | 1.549 | 2.475 | 11.0 | 20.5 | 10 8 | 2 20.39 | + 0 37.5 | 2.688 | 3.634 | 5.9 | 20.5 |
| 10 18 | 2 13.84 | +23 55.2 | 1.514 | 2.483 | 6.9 | 20.3 | 10 18 | 2 12.41 | + 0 20.0 | 2.640 | 3.616 | 3.7 | 20.4 |
| 10 28 | 2 3.53 | +23 3.6 | 1.506 | 2.490 | 4.0 | 20.1 | 10 28 | 2 3.79 | + 0 8.3 | 2.622 | 3.597 | 3.6 | 20.3 |
| 11 7 | 1 53.58 | +21 59.2 | 1.526 | 2.498 | 5.6 | 20.3 | 11 7 | 1 55.23 | + 0 5.1 | 2.635 | 3.578 | 5.7 | 20.4 |
| 11 17 | 1 45.19 | +20 50.0 | 1.572 | 2.505 | 9.5 | 20.5 | 11 17 | 1 47.40 | + 0 12.5 | 2.677 | 3.558 | 8.3 | 20.6 |
| 11 27 | 1 39.28 | +19 44.8 | 1.643 | 2.512 | 13.2 | 20.7 | 11 27 | 1 40.90 | + 0 31.5 | 2.745 | 3.538 | 10.8 | 20.7 |
| 260395 | 2004 <i>WJ</i> ₃ | 10 26.7 27°16' 3.5"/24.0 18 | | | | | | 449848 | 2014 <i>SL</i> ₂₂₇ | 10 26.7 20°00' 7.6"/19.4 18 | | | |
| 9 18 | 2 28.65 | + 5 2.2 | 1.846 | 2.678 | 14.6 | 19.8 | 9 18 | 2 25.00 | + 3 23.1 | 1.764 | 2.610 | 14.5 | 20.2 |
| 9 28 | 2 25.00 | + 4 26.1 | 1.781 | 2.686 | 11.3 | 19.6 | 9 28 | 2 22.24 | + 5 7.8 | 1.710 | 2.616 | 11.6 | 20.1 |
| 10 8 | 2 19.20 | + 3 45.9 | 1.738 | 2.694 | 7.7 | 19.4 | 10 8 | 2 17.38 | + 6 51.1 | 1.680 | 2.623 | 9.0 | 19.9 |
| 10 18 | 2 11.85 | + 3 6.3 | 1.719 | 2.702 | 4.3 | 19.2 | 10 18 | 2 11.02 | + 8 24.3 | 1.674 | 2.631 | 7.6 | 19.9 |
| 10 28 | 2 3.84 | + 2 32.8 | 1.728 | 2.711 | 3.9 | 19.2 | 10 28 | 2 4.02 | + 9 38.7 | 1.695 | 2.639 | 8.4 | 19.9 |
| 11 7 | 1 56.14 | + 2 10.1 | 1.765 | 2.720 | 6.9 | 19.4 | 11 7 | 1 57.36 | +10 28.1 | 1.741 | 2.648 | 10.7 | 20.1 |
| 11 17 | 1 49.64 | + 2 1.6 | 1.828 | 2.730 | 10.4 | 19.7 | 11 17 | 1 51.87 | +10 50.0 | 1.811 | 2.658 | 13.3 | 20.3 |
| 11 27 | 1 45.03 | + 2 9.0 | 1.914 | 2.740 | 13.5 | 19.9 | 11 27 | 1 48.23 | +10 44.7 | 1.900 | 2.668 | 15.8 | 20.5 |
| 347341 | 2012 <i>PF</i> ₁₈ | 10 26.7 358°48' 1.3"/26.1 18 | | | | | | 97698 | 2000 <i>GX</i> ₅₂ | 10 26.7 250°42' 1.0"/27.7 17 | | | |
| 9 18 | 2 24.13 | +11 10.8 | 1.000 | 1.870 | 21.2 | 19.1 | 9 18 | 2 29.41 | +17 21.9 | 2.640 | 3.421 | 12.1 | 20.7 |
| 9 28 | 2 23.33 | +11 9.7 | 0.938 | 1.864 | 16.7 | 18.8 | 9 28 | 2 25.19 | +17 19.1 | 2.539 | 3.411 | 9.6 | 20.5 |
| 10 8 | 2 19.11 | +10 55.8 | 0.893 | 1.859 | 11.3 | 18.5 | 10 8 | 2 19.21 | +17 6.7 | 2.460 | 3.400 | 6.7 | 20.3 |
| 10 18 | 2 12.14 | +10 32.9 | 0.867 | 1.857 | 5.3 | 18.2 | 10 18 | 2 11.89 | +16 45.7 | 2.409 | 3.389 | 3.5 | 20.1 |
| 10 28 | 2 3.78 | +10 7.1 | 0.864 | 1.857 | 1.8 | 17.9 | 10 28 | 2 3.88 | +16 17.8 | 2.386 | 3.378 | 1.0 | 19.9 |
| 11 7 | 1 55.78 | + 9 46.2 | 0.883 | 1.859 | 7.7 | 18.3 | 11 7 | 1 55.95 | +15 46.4 | 2.393 | 3.367 | 3.7 | 20.1 |
| 11 17 | 1 49.70 | + 9 37.1 | 0.923 | 1.863 | 13.4 | 18.7 | 11 17 | 1 48.82 | +15 15.2 | 2.430 | 3.355 | 7.0 | 20.3 |
| 11 27 | 1 46.68 | + 9 44.8 | 0.982 | 1.869 | 18.4 | 19.0 | 11 27 | 1 43.14 | +14 48.1 | 2.494 | 3.344 | 10.0 | 20.5 |
| 108183 | 2001 <i>HG</i> ₁₄ | 10 26.7 75°70' 1.5"/27.7 17 | | | | | | 50609 | 2000 <i>EU</i> ₅₆ | 10 26.7 95°91' 0.8"/27.3 18 | | | |
| 9 18 | 2 36.31 | +18 29.0 | 1.471 | 2.275 | 18. | | | | | | | | |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|--------------|-------|---------|------|---------------|-------------------------------|-----------------|---------------|-------|---------|------|
| 86653 | 2000 <i>EY</i> ₁₇₀ | 10 26.7 139°94 | 4.2°/23.7 18 | | | | 435088 | 2007 <i>CU</i> ₁₇ | 10 26.7 185°29 | 0°0'/26.8 18 | | | |
| 9 18 | 2 33.94 | + 4 5.9 | 1.725 | 2.552 | 15.6 | 20.0 | 9 18 | 2 34.44 | +14 43.4 | 1.990 | 2.786 | 14.9 | 22.1 |
| 9 28 | 2 29.29 | + 3 18.4 | 1.657 | 2.558 | 12.2 | 19.8 | 9 28 | 2 29.59 | +14 27.7 | 1.904 | 2.787 | 11.8 | 21.8 |
| 10 8 | 2 22.21 | + 2 26.8 | 1.611 | 2.565 | 8.4 | 19.6 | 10 8 | 2 22.42 | +14 0.9 | 1.839 | 2.786 | 8.1 | 21.6 |
| 10 18 | 2 13.34 | + 1 36.5 | 1.590 | 2.570 | 5.0 | 19.4 | 10 18 | 2 13.49 | +13 24.9 | 1.801 | 2.785 | 3.9 | 21.4 |
| 10 28 | 2 3.69 | + 0 54.0 | 1.596 | 2.576 | 4.7 | 19.4 | 10 28 | 2 3.71 | +12 43.1 | 1.791 | 2.784 | 0.6 | 21.1 |
| 11 7 | 1 54.39 | + 0 25.1 | 1.631 | 2.581 | 7.8 | 19.6 | 11 7 | 1 54.14 | +12 0.6 | 1.810 | 2.782 | 4.9 | 21.4 |
| 11 17 | 1 46.48 | + 0 13.5 | 1.691 | 2.586 | 11.5 | 19.8 | 11 17 | 1 45.77 | +11 22.8 | 1.858 | 2.779 | 9.0 | 21.7 |
| 11 27 | 1 40.74 | + 0 20.6 | 1.774 | 2.590 | 14.9 | 20.0 | 11 27 | 1 39.41 | +10 54.5 | 1.931 | 2.776 | 12.6 | 21.9 |
| 302555 | 2002 <i>OA</i> ₃₃ | 10 26.7 106°60 | 2.4°/24.6 18 | | | | 392393 | 2010 <i>JJ</i> ₁₄₇ | 10 26.7 182°36 | 1°9'/28.7 18 | | | |
| 9 18 | 2 31.39 | + 9 4.7 | 1.994 | 2.809 | 14.2 | 21.7 | 9 18 | 2 31.35 | +22 33.7 | 2.325 | 3.090 | 13.9 | 22.1 |
| 9 28 | 2 26.89 | + 8 10.2 | 1.930 | 2.826 | 11.0 | 21.6 | 9 28 | 2 26.89 | +22 3.2 | 2.232 | 3.091 | 11.3 | 21.9 |
| 10 8 | 2 20.36 | + 7 8.1 | 1.888 | 2.843 | 7.3 | 21.4 | 10 8 | 2 20.43 | +21 16.9 | 2.161 | 3.091 | 8.1 | 21.7 |
| 10 18 | 2 12.39 | + 6 2.9 | 1.874 | 2.859 | 3.7 | 21.2 | 10 18 | 2 12.49 | +20 15.7 | 2.116 | 3.091 | 4.6 | 21.5 |
| 10 28 | 2 3.84 | + 5 0.6 | 1.888 | 2.875 | 2.8 | 21.2 | 10 28 | 2 3.86 | +19 2.8 | 2.101 | 3.090 | 2.0 | 21.3 |
| 11 7 | 1 55.68 | + 4 6.9 | 1.931 | 2.890 | 6.0 | 21.4 | 11 7 | 1 55.45 | +17 43.6 | 2.115 | 3.089 | 4.1 | 21.4 |
| 11 17 | 1 48.71 | + 3 26.4 | 2.001 | 2.905 | 9.6 | 21.7 | 11 17 | 1 48.10 | +16 24.4 | 2.159 | 3.087 | 7.6 | 21.7 |
| 11 27 | 1 43.59 | + 3 2.1 | 2.097 | 2.919 | 12.6 | 21.9 | 11 27 | 1 42.48 | +15 11.9 | 2.230 | 3.084 | 10.8 | 21.9 |
| 163099 | 2002 <i>AX</i> ₁₀₇ | 10 26.7 342°11 | 3°0'/28.5 18 | | | | 81704 | 2000 <i>JS</i> ₂₀ | 10 26.7 91°23 | 2°6'/28.8 18 | | | |
| 9 18 | 2 30.35 | +20 4.8 | 1.160 | 1.989 | 21.5 | 19.1 | 9 18 | 2 34.56 | +20 45.1 | 2.024 | 2.800 | 15.4 | 19.5 |
| 9 28 | 2 28.13 | +20 18.9 | 1.086 | 1.983 | 17.5 | 18.8 | 9 28 | 2 29.61 | +21 2.8 | 1.950 | 2.814 | 12.4 | 19.3 |
| 10 8 | 2 22.39 | +20 12.1 | 1.028 | 1.977 | 12.6 | 18.5 | 10 8 | 2 22.37 | +21 7.1 | 1.897 | 2.829 | 8.9 | 19.2 |
| 10 18 | 2 13.77 | +19 43.7 | 0.991 | 1.972 | 7.2 | 18.2 | 10 18 | 2 13.43 | +20 57.8 | 1.869 | 2.843 | 5.3 | 19.0 |
| 10 28 | 2 3.62 | +18 56.2 | 0.977 | 1.968 | 3.0 | 17.9 | 10 28 | 2 3.73 | +20 36.5 | 1.869 | 2.857 | 2.7 | 18.8 |
| 11 7 | 1 53.71 | +17 57.5 | 0.987 | 1.964 | 6.7 | 18.1 | 11 7 | 1 54.33 | +20 6.8 | 1.898 | 2.871 | 4.6 | 19.0 |
| 11 17 | 1 45.71 | +16 57.7 | 1.020 | 1.962 | 12.2 | 18.4 | 11 17 | 1 46.21 | +19 33.8 | 1.955 | 2.885 | 8.2 | 19.2 |
| 11 27 | 1 40.88 | +16 7.4 | 1.074 | 1.960 | 17.2 | 18.7 | 11 27 | 1 40.13 | +19 3.1 | 2.038 | 2.898 | 11.4 | 19.5 |
| 513056 | 2017 <i>VK</i> ₁₄ | 10 26.7 275°92 | 8°7'/22.1 18 | | | | 365289 | 2009 <i>RD</i> ₁₈ | 10 26.7 34°94 | 0°9'/25.9 18 | | | |
| 9 18 | 2 42.43 | - 8 2.1 | 1.668 | 2.481 | 16.7 | 21.0 | 9 18 | 2 28.83 | +12 3.5 | 1.876 | 2.695 | 14.9 | 20.4 |
| 9 28 | 2 36.60 | - 8 36.3 | 1.571 | 2.453 | 13.9 | 20.7 | 9 28 | 2 25.18 | +11 41.3 | 1.808 | 2.705 | 11.6 | 20.3 |
| 10 8 | 2 27.68 | - 9 3.8 | 1.495 | 2.425 | 11.0 | 20.5 | 10 8 | 2 19.37 | +11 10.0 | 1.761 | 2.716 | 7.8 | 20.1 |
| 10 18 | 2 16.21 | - 9 16.8 | 1.443 | 2.396 | 8.9 | 20.3 | 10 18 | 2 12.00 | +10 32.4 | 1.740 | 2.727 | 3.6 | 19.8 |
| 10 28 | 2 3.25 | - 9 7.3 | 1.417 | 2.367 | 9.2 | 20.2 | 10 28 | 2 3.95 | + 9 53.0 | 1.746 | 2.738 | 1.3 | 19.7 |
| 11 7 | 1 50.25 | - 8 30.5 | 1.419 | 2.337 | 11.8 | 20.3 | 11 7 | 1 56.22 | + 9 17.0 | 1.780 | 2.750 | 5.2 | 20.0 |
| 11 17 | 1 38.62 | - 7 25.8 | 1.446 | 2.307 | 15.3 | 20.5 | 11 17 | 1 49.69 | + 8 49.0 | 1.841 | 2.763 | 9.1 | 20.2 |
| 11 27 | 1 29.56 | - 5 55.9 | 1.495 | 2.276 | 18.8 | 20.6 | 11 27 | 1 45.06 | + 8 32.6 | 1.927 | 2.776 | 12.5 | 20.5 |
| 490477 | 2009 <i>SQ</i> ₃₄₅ | 10 26.7 346°90 | 1°7'/25.1 17 | | | | 48959 | 1998 <i>QQ</i> ₂₆ | 10 26.7 69°55 | 2°6'/25.1 18 | | | |
| 9 18 | 2 25.19 | +12 17.0 | 1.907 | 2.732 | 14.5 | 21.3 | 9 18 | 2 35.06 | + 8 57.7 | 1.388 | 2.221 | 18.4 | 19.5 |
| 9 28 | 2 22.42 | +11 17.1 | 1.826 | 2.727 | 11.3 | 21.1 | 9 28 | 2 30.57 | + 8 23.7 | 1.335 | 2.240 | 14.3 | 19.3 |
| 10 8 | 2 17.57 | +10 4.9 | 1.766 | 2.723 | 7.5 | 20.9 | 10 8 | 2 23.23 | + 7 40.9 | 1.302 | 2.260 | 9.5 | 19.1 |
| 10 18 | 2 11.17 | + 8 45.0 | 1.732 | 2.719 | 3.6 | 20.6 | 10 18 | 2 13.85 | + 6 54.5 | 1.292 | 2.279 | 4.7 | 18.8 |
| 10 28 | 2 4.03 | + 7 23.7 | 1.725 | 2.716 | 2.1 | 20.5 | 10 28 | 2 3.70 | + 6 11.1 | 1.309 | 2.298 | 3.1 | 18.8 |
| 11 7 | 1 57.09 | + 6 8.4 | 1.747 | 2.713 | 5.9 | 20.7 | 11 7 | 1 54.15 | + 5 37.4 | 1.352 | 2.318 | 7.2 | 19.1 |
| 11 17 | 1 51.24 | + 5 5.4 | 1.796 | 2.711 | 9.8 | 21.0 | 11 17 | 1 46.38 | + 5 18.4 | 1.421 | 2.337 | 11.7 | 19.4 |
| 11 27 | 1 47.19 | + 4 19.5 | 1.869 | 2.709 | 13.2 | 21.2 | 11 27 | 1 41.19 | + 5 16.8 | 1.512 | 2.356 | 15.5 | 19.7 |
| 448076 | 2008 <i>GW</i> ₁₃₂ | 10 26.7 81°48 | 5°5'/21.8 18 | | | | 366719 | 2003 <i>YQ</i> ₁₁ | 10 26.7 347°50 | 13°9'/11.9 16 | | | |
| 9 18 | 2 29.77 | - 2 0.9 | 2.166 | 2.992 | 12.9 | 21.6 | 9 18 | 2 30.39 | +51 41.5 | 1.944 | 2.547 | 20.8 | 20.1 |
| 9 28 | 2 25.45 | - 2 57.7 | 2.109 | 3.006 | 10.2 | 21.5 | 9 28 | 2 28.25 | +52 59.7 | 1.855 | 2.537 | 19.5 | 19.9 |
| 10 8 | 2 19.30 | - 3 53.2 | 2.076 | 3.020 | 7.5 | 21.3 | 10 8 | 2 22.58 | +53 50.0 | 1.779 | 2.528 | 17.9 | 19.8 |
| 10 18 | 2 11.88 | - 4 41.8 | 2.069 | 3.034 | 5.6 | 21.2 | 10 18 | 2 13.94 | +54 4.6 | 1.717 | 2.520 | 16.3 | 19.7 |
| 10 28 | 2 3.94 | - 5 18.1 | 2.089 | 3.048 | 5.9 | 21.3 | 10 28 | 2 3.64 | +53 37.7 | 1.673 | 2.513 | 14.9 | 19.5 |
| 11 7 | 1 56.34 | - 5 38.2 | 2.138 | 3.062 | 8.0 | 21.4 | 11 7 | 1 53.50 | +52 28.5 | 1.649 | 2.507 | 14.0 | 19.5 |
| 11 17 | 1 49.81 | - 5 40.3 | 2.212 | 3.076 | 10.6 | 21.6 | 11 17 | 1 45.26 | +50 41.9 | 1.647 | 2.502 | 14.0 | 19.5 |
| 11 27 | 1 44.94 | - 5 24.2 | 2.310 | 3.090 | 13.0 | 21.8 | 11 27 | 1 40.22 | +48 28.5 | 1.666 | 2.498 | 14.9 | 19.5 |
| 382059 | 2011 <i>EQ</i> ₂₂ | 10 26.7 267°91 | 3°0'/24.7 18 | | | | 326836 | 2003 <i>UC</i> ₇₀ | 10 26.7 249°35 | 1°9'/27.9 16 | | | |
| 9 18 | 2 32.68 | + 7 58.6 | 1.599 | 2.428 | 16.6 | 20.9 | 9 18 | 2 33.68 | +18 53.4 | 1.490 | 2.297 | 18.6 | 21.9 |
| 9 28 | 2 28.83 | + 7 23.2 | 1.513 | 2.416 | 13.0 | 20.7 | 9 28 | 2 29.92 | +18 51.9 | 1.408 | 2.294 | 15.0 | 21.7 |
| 10 8 | 2 22.27 | + 6 39.0 | 1.447 | 2.404 | 8.9 | 20.4 | 10 8 | 2 23.16 | +18 33.4 | 1.345 | 2.290 | 10.6 | 21.4 |
| 10 18 | 2 13.54 | + 5 50.6 | 1.405 | 2.391 | 4.6 | 20.1 | 10 18 | 2 14.02 | +17 58.0 | 1.305 | 2.286 | 5.7 | 21.1 |
| 10 28 | 2 3.68 | + 5 4.3 | 1.391 | 2.378 | 3.4 | 20.0 | 10 28 | 2 3.65 | +17 9.0 | 1.290 | 2.282 | 1.9 | 20.9 |
| 11 7 | 1 53.96 | + 4 26.9 | 1.403 | 2.365 | 7.4 | 20.2 | 11 7 | 1 53.51 | +16 12.9 | 1.302 | 2.278 | 5.8 | 21.1 |
| 11 17 | 1 45.58 | + 4 4.0 | 1.441 | 2.352 | 11.9 | 20.5 | 11 17 | 1 44.95 | +15 18.0 | 1.341 | 2.274 | 10.7 | 21.4 |
| 11 27 | 1 39.55 | + 3 59.3 | 1.501 | 2.339 | 16.0 | 20.7 | 11 27 | 1 39.03 | +14 32.2 | 1.402 | 2.270 | 15.1 | 21.7 |
| 338022 | 2002 <i>GV</i> ₆₈ | 10 26.7 158°59 | 1°6'/28.2 15 | | | | 478608 | 2012 <i>TM</i> ₁₄₅ | 10 26.7 351°96 | 11°5'/18.1 18 | | | |
| 9 18 | 2 33.30 | +19 53.6 | 2.261 | 3.034 | 14.1 | 22.6 | 9 18 | 2 26.41 | - 8 53.3 | 1.296 | 2.156 | 17.9 | 19.8 |
| 9 28 | 2 28.40 | +19 41.7 | 2.176 | 3.041 | 11.3 | 22.4 | 9 28 | 2 24.24 | -10 41.9 | 1.243 | 2.149 | 15.0 | 19.6 |
| 10 8 | 2 21.44 | +19 16.8 | 2.113 | 3.048 | 8.0 | 22.2 | 10 8 | 2 19.23 | -12 23.5 | 1.209 | 2.144 | 12.6 | 19.4 |
| 10 18 | 2 12.96 | +18 39.4 | 2.076 | 3.054 | 4.4 | 22.0 | 10 18 | 2 12.08 | -13 45.8 | 1.197 | 2.140 | 11.5 | 19.3 |
| 10 28 | 2 3.78 | +17 52.4 | 2.068 | 3.059 | 1.6 | 21.8 | 10 28 | 2 3.95 | -14 37.4 | 1.207 | 2.137 | 12.5 | 19.4 |
| 11 7 | 1 54.85 | +17 0.3 | 2.090 | 3.063 | 4.2 | 22.0 | 11 7 | 1 56.20 | -14 51.5 | 1.239 | 2.135 | 14.9 | 19.5 |
| 11 17 | 1 47.01 | +16 8.4 | 2.141 | 3.067 | 7.7 | 22.2 | 11 17 | 1 50.03 | -14 27.2 | 1.290 | 2.134 | 17.9 | 19.7 |
| 11 27 | 1 40.98 | +15 22.1 | 2.219 | 3.071 | 10.9 | 22.5 | 11 27 | 1 46.33 | -13 28.3 | 1.359 | 2.134 | 20.7 | 19.9 |
| 404959 | 1998 <i>RS</i> ₁₃ | 10 26.7 18°91 | 7°2'/ 1.4 17 | | | | 507631 | 2013 <i>HK</i> ₁₀₁ | 10 26.7 36°49 | 0°1'/26.8 17 | | | |
| 9 18 | 2 34.94 | +31 56.0 | 2.075 | 2.797 | 16.7 | 20.7 | 9 18 | 2 34.25 | +14 4.4 | 1.066 | 1.911 | 22.0 | 21.8 |
| 9 28 | 2 30.42 | +33 2.4 | 1.989 | 2.800 | 14.3 | 20.5 | 9 28 | 2 31.07 | +14 4.0 | 1.008 | 1.918 | 17.4 | 21.5 |
| 10 8 | 2 23.27 | +33 51.6 | 1.923 | 2.803 | 11.7 | 20.4 | 10 8 | 2 24.24 | +13 48.0 | 0.967 | 1.925 | 11.9 | 21.3 |
| 10 18 | 2 14.01 | +34 19.4 | 1.879 | 2.806 | 9.1 | 20.2 | 10 18 | 2 14.56 | +13 18.7 | 0.946 | 1.934 | 5.7 | 21.0 |
| 10 28 | 2 3.62 | +34 23.6 | 1.861 | 2.810 | 7.4 | 20.1 | 10 28 | 2 3.59 | +12 41.5 | 0.949 | 1.942 | 0.8 | 20.7 |
| 11 7 | 1 53.32 | +34 5.6 | 1.869 | 2.813 | 7.5 | 20.1 | 11 7 | 1 53.19 | +12 4.8 | 0.976 | 1.952 | 7.1 | 21.1 |
| 11 17 | 1 44.31 | +33 30.0 | 1.904 | 2.818 | 9.4 | 20.3 | 11 17 | 1 44.97 | +11 36.4 | 1.026 | 1.961 | 12.9 | 21.5 |
| 11 27 | 1 37.57 | +32 44.4 | 1.964 | 2.822 | 11.9 | | | | | | | | |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-----------------|--|----------|-------|---------|------|-------|-----------------|-----------------|-----------------------------|-------|---------|------|
| 199983 | 2007 JJ_{13} | 10 26.7 45°07' 5 ² /24.4 18 | | | | | | 158774 | 2003 SK_{62} | 10 26.7 208°65' 0°9/27.7 18 | | | |
| 9 18 | 2 38.31 | + 0 17.0 | 1.364 | 2.200 | 18.5 | 19.1 | 9 18 | 2 27.61 | +18 39.8 | 2.434 | 3.220 | 12.9 | 20.0 |
| 9 28 | 2 33.09 | + 0 10.1 | 1.314 | 2.218 | 14.5 | 18.9 | 9 28 | 2 23.88 | +18 9.3 | 2.344 | 3.218 | 10.2 | 19.8 |
| 10 8 | 2 24.92 | + 0 5.2 | 1.283 | 2.237 | 10.1 | 18.7 | 10 8 | 2 18.36 | +17 26.3 | 2.276 | 3.217 | 7.1 | 19.6 |
| 10 18 | 2 14.65 | + 0 7.4 | 1.276 | 2.256 | 6.2 | 18.6 | 10 18 | 2 11.53 | +16 32.4 | 2.234 | 3.215 | 3.7 | 19.4 |
| 10 28 | 2 3.60 | + 0 21.4 | 1.296 | 2.275 | 5.6 | 18.6 | 10 28 | 2 4.07 | +15 31.0 | 2.221 | 3.213 | 0.9 | 19.2 |
| 11 7 | 1 53.22 | + 0 50.3 | 1.341 | 2.295 | 8.8 | 18.8 | 11 7 | 1 56.78 | +14 27.1 | 2.238 | 3.212 | 3.9 | 19.4 |
| 11 17 | 1 44.71 | + 1 34.6 | 1.411 | 2.315 | 12.7 | 19.1 | 11 17 | 1 50.41 | +13 25.7 | 2.284 | 3.210 | 7.3 | 19.7 |
| 11 27 | 1 38.91 | + 2 33.2 | 1.504 | 2.336 | 16.3 | 19.4 | 11 27 | 1 45.57 | +12 32.0 | 2.356 | 3.208 | 10.4 | 19.9 |
| 283816 | 2003 SK_{266} | 10 26.7 349°61' 0°5/27.0 18 | | | | | | 470155 | 2006 UF_{103} | 10 26.7 348°89' 0°8/26.2 18 | | | |
| 9 18 | 2 24.28 | +15 54.4 | 1.221 | 2.068 | 19.6 | 20.2 | 9 18 | 2 24.65 | +15 43.0 | 1.126 | 1.978 | 20.6 | 20.8 |
| 9 28 | 2 23.04 | +15 43.0 | 1.146 | 2.057 | 15.6 | 19.9 | 9 28 | 2 23.50 | +14 55.0 | 1.056 | 1.971 | 16.3 | 20.5 |
| 10 8 | 2 18.75 | +15 14.0 | 1.089 | 2.047 | 10.8 | 19.6 | 10 8 | 2 19.13 | +13 44.8 | 1.003 | 1.964 | 11.1 | 20.2 |
| 10 18 | 2 12.00 | +14 29.3 | 1.052 | 2.039 | 5.3 | 19.3 | 10 18 | 2 12.19 | +12 16.8 | 0.971 | 1.959 | 5.2 | 19.8 |
| 10 28 | 2 3.95 | +13 34.6 | 1.040 | 2.033 | 0.7 | 19.0 | 10 28 | 2 3.96 | +10 40.2 | 0.962 | 1.955 | 1.4 | 19.6 |
| 11 7 | 1 56.13 | +12 38.2 | 1.051 | 2.028 | 6.5 | 19.3 | 11 7 | 1 56.05 | + 9 7.6 | 0.977 | 1.952 | 7.4 | 19.9 |
| 11 17 | 1 49.92 | +11 49.3 | 1.086 | 2.025 | 11.9 | 19.6 | 11 17 | 1 49.90 | + 7 50.5 | 1.016 | 1.950 | 13.2 | 20.3 |
| 11 27 | 1 46.44 | +11 15.4 | 1.141 | 2.024 | 16.7 | 19.9 | 11 27 | 1 46.61 | + 6 57.5 | 1.074 | 1.950 | 18.1 | 20.5 |
| 378029 | 2006 SZ_{337} | 10 26.7 321°32' 2°9/25.1 18 | | | | | | 517410 | 2014 LT_{29} | 10 26.7 132°07' 1°1/27.8 18 | | | |
| 9 18 | 2 29.98 | + 8 26.0 | 1.219 | 2.071 | 19.3 | 21.4 | 9 18 | 2 29.70 | +19 7.1 | 2.415 | 3.195 | 13.1 | 21.7 |
| 9 28 | 2 27.62 | + 8 4.3 | 1.138 | 2.054 | 15.3 | 21.1 | 9 28 | 2 25.44 | +18 40.3 | 2.333 | 3.204 | 10.4 | 21.5 |
| 10 8 | 2 21.98 | + 7 32.7 | 1.075 | 2.037 | 10.5 | 20.8 | 10 8 | 2 19.36 | +18 1.1 | 2.274 | 3.213 | 7.2 | 21.3 |
| 10 18 | 2 13.61 | + 6 55.5 | 1.033 | 2.021 | 5.2 | 20.4 | 10 18 | 2 11.97 | +17 10.9 | 2.241 | 3.222 | 3.8 | 21.1 |
| 10 28 | 2 3.72 | + 6 19.8 | 1.015 | 2.005 | 3.4 | 20.3 | 10 28 | 2 4.02 | +16 13.2 | 2.238 | 3.230 | 1.1 | 21.0 |
| 11 7 | 1 53.91 | + 5 53.6 | 1.022 | 1.990 | 8.4 | 20.5 | 11 7 | 1 56.30 | +15 12.7 | 2.264 | 3.238 | 3.9 | 21.2 |
| 11 17 | 1 45.75 | + 5 43.3 | 1.051 | 1.977 | 13.9 | 20.8 | 11 17 | 1 49.57 | +14 14.5 | 2.320 | 3.246 | 7.2 | 21.4 |
| 11 27 | 1 40.48 | + 5 53.2 | 1.101 | 1.964 | 18.7 | 21.0 | 11 27 | 1 44.44 | +13 23.5 | 2.403 | 3.254 | 10.3 | 21.6 |
| 403088 | 2008 CC_{46} | 10 26.7 230°20' 6°3/ 1.2 17 | | | | | | 431518 | 2007 TL_{196} | 10 26.7 301°73' 1°8/25.8 16 | | | |
| 9 18 | 2 34.66 | +31 46.2 | 2.310 | 3.025 | 15.4 | 21.8 | 9 18 | 2 35.16 | + 9 22.3 | 1.305 | 2.142 | 19.2 | 21.5 |
| 9 28 | 2 29.96 | +32 30.6 | 2.211 | 3.019 | 13.2 | 21.6 | 9 28 | 2 31.47 | + 9 20.5 | 1.225 | 2.131 | 15.2 | 21.2 |
| 10 8 | 2 22.84 | +32 58.5 | 2.132 | 3.013 | 10.7 | 21.4 | 10 8 | 2 24.47 | + 9 10.2 | 1.163 | 2.121 | 10.4 | 20.9 |
| 10 18 | 2 13.80 | +33 6.5 | 2.076 | 3.007 | 8.2 | 21.2 | 10 18 | 2 14.76 | + 8 54.5 | 1.124 | 2.112 | 5.0 | 20.6 |
| 10 28 | 2 3.71 | +32 53.2 | 2.046 | 3.000 | 6.5 | 21.1 | 10 28 | 2 3.59 | + 8 38.2 | 1.110 | 2.102 | 2.2 | 20.4 |
| 11 7 | 1 53.66 | +32 20.3 | 2.045 | 2.993 | 6.6 | 21.1 | 11 7 | 1 52.57 | + 8 27.1 | 1.122 | 2.093 | 7.4 | 20.7 |
| 11 17 | 1 44.72 | +31 32.5 | 2.070 | 2.986 | 8.6 | 21.2 | 11 17 | 1 43.25 | + 8 26.6 | 1.158 | 2.084 | 12.8 | 21.0 |
| 11 27 | 1 37.81 | +30 36.8 | 2.122 | 2.979 | 11.2 | 21.4 | 11 27 | 1 36.84 | + 8 40.6 | 1.215 | 2.075 | 17.5 | 21.2 |
| 291155 | 2005 YD_{286} | 10 26.7 104°55' 0°8/26.0 18 | | | | | | 551116 | 2001 QU_{165} | 10 26.7 21°57' 2°6/24.9 18 | | | |
| 9 18 | 2 29.55 | +12 4.1 | 2.319 | 3.123 | 12.9 | 21.3 | 9 18 | 2 31.49 | + 7 10.5 | 1.802 | 2.627 | 15.1 | 19.1 |
| 9 28 | 2 25.35 | +11 42.3 | 2.241 | 3.130 | 10.0 | 21.1 | 9 28 | 2 27.41 | + 6 48.2 | 1.728 | 2.629 | 11.8 | 18.9 |
| 10 8 | 2 19.32 | +11 12.7 | 2.186 | 3.137 | 6.7 | 20.9 | 10 8 | 2 20.99 | + 6 20.3 | 1.675 | 2.631 | 8.0 | 18.7 |
| 10 18 | 2 11.96 | +10 37.7 | 2.157 | 3.143 | 3.1 | 20.7 | 10 18 | 2 12.85 | + 5 50.5 | 1.648 | 2.633 | 4.1 | 18.5 |
| 10 28 | 2 4.00 | +10 0.8 | 2.158 | 3.150 | 1.1 | 20.5 | 10 28 | 2 3.89 | + 5 23.8 | 1.648 | 2.635 | 2.9 | 18.4 |
| 11 7 | 1 56.27 | + 9 26.3 | 2.188 | 3.157 | 4.5 | 20.8 | 11 7 | 1 55.20 | + 5 4.8 | 1.675 | 2.638 | 6.4 | 18.6 |
| 11 17 | 1 49.51 | + 8 58.0 | 2.246 | 3.163 | 8.0 | 21.0 | 11 17 | 1 47.76 | + 4 57.4 | 1.730 | 2.641 | 10.3 | 18.9 |
| 11 27 | 1 44.36 | + 8 39.2 | 2.330 | 3.169 | 11.0 | 21.2 | 11 27 | 1 42.36 | + 5 4.0 | 1.808 | 2.644 | 13.8 | 19.1 |
| 51716 | 2001 KF_{31} | 10 26.7 70°58' 9°1/23.5 18 | | | | | | 324205 | 2006 AC_{96} | 10 26.7 227°18' 3°1/29.7 17 | | | |
| 9 18 | 2 47.07 | - 9 57.8 | 1.421 | 2.235 | 19.0 | 18.2 | 9 18 | 2 31.50 | +23 49.5 | 2.578 | 3.331 | 13.0 | 20.7 |
| 9 28 | 2 39.56 | -10 12.8 | 1.378 | 2.259 | 15.5 | 18.0 | 9 28 | 2 26.99 | +24 7.1 | 2.478 | 3.325 | 10.7 | 20.6 |
| 10 8 | 2 29.04 | -10 15.1 | 1.355 | 2.284 | 12.0 | 17.9 | 10 8 | 2 20.54 | +24 12.5 | 2.401 | 3.319 | 8.0 | 20.4 |
| 10 18 | 2 16.50 | - 9 58.1 | 1.356 | 2.309 | 9.5 | 17.8 | 10 18 | 2 12.62 | +24 4.7 | 2.349 | 3.313 | 5.2 | 20.2 |
| 10 28 | 2 3.38 | - 9 16.9 | 1.384 | 2.333 | 9.4 | 17.9 | 10 28 | 2 3.92 | +23 44.6 | 2.325 | 3.307 | 3.2 | 20.0 |
| 11 7 | 1 51.20 | - 8 11.4 | 1.438 | 2.357 | 11.5 | 18.1 | 11 7 | 1 55.31 | +23 14.6 | 2.331 | 3.300 | 4.3 | 20.1 |
| 11 17 | 1 41.16 | - 6 44.8 | 1.517 | 2.382 | 14.5 | 18.3 | 11 17 | 1 47.58 | +22 38.8 | 2.366 | 3.293 | 7.1 | 20.3 |
| 11 27 | 1 34.04 | - 5 2.1 | 1.619 | 2.405 | 17.4 | 18.6 | 11 27 | 1 41.46 | +22 2.2 | 2.428 | 3.286 | 9.9 | 20.5 |
| 377541 | 2005 GT_{202} | 10 26.7 181°07' 1°3/25.7 16 | | | | | | 304333 | 2006 SX_{224} | 10 26.7 58°77' 0°8/26.1 18 | | | |
| 9 18 | 2 33.48 | +12 48.9 | 1.763 | 2.574 | 16.0 | 22.3 | 9 18 | 2 30.66 | +12 47.5 | 1.820 | 2.635 | 15.4 | 20.6 |
| 9 28 | 2 29.08 | +12 3.9 | 1.682 | 2.575 | 12.5 | 22.0 | 9 28 | 2 26.74 | +12 23.7 | 1.747 | 2.641 | 12.1 | 20.3 |
| 10 8 | 2 22.19 | +11 6.4 | 1.623 | 2.576 | 8.4 | 21.8 | 10 8 | 2 20.53 | +11 49.6 | 1.695 | 2.648 | 8.1 | 20.1 |
| 10 18 | 2 13.43 | +10 0.0 | 1.590 | 2.576 | 3.9 | 21.5 | 10 18 | 2 12.62 | +11 7.9 | 1.668 | 2.655 | 3.8 | 19.9 |
| 10 28 | 2 3.79 | + 8 50.7 | 1.584 | 2.576 | 1.7 | 21.4 | 10 28 | 2 3.94 | +10 23.3 | 1.669 | 2.662 | 1.1 | 19.7 |
| 11 7 | 1 54.43 | + 7 45.8 | 1.607 | 2.575 | 6.0 | 21.7 | 11 7 | 1 55.56 | + 9 41.5 | 1.698 | 2.669 | 5.4 | 20.0 |
| 11 17 | 1 46.40 | + 6 52.0 | 1.657 | 2.573 | 10.4 | 21.9 | 11 17 | 1 48.44 | + 9 7.6 | 1.754 | 2.676 | 9.5 | 20.3 |
| 11 27 | 1 40.56 | + 6 14.2 | 1.732 | 2.571 | 14.1 | 22.1 | 11 27 | 1 43.35 | + 8 45.9 | 1.834 | 2.683 | 13.0 | 20.5 |
| 42847 | 1999 RC_{43} | 10 26.7 103°30' 7°8/31.6 18 | | | | | | 159927 | 2005 CL_{57} | 10 26.7 12°66' 1°8/27.9 18 | | | |
| 9 18 | 2 49.98 | +30 17.9 | 1.741 | 2.459 | 19.6 | 18.1 | 9 18 | 2 16.25 | +19 15.0 | 0.767 | 1.650 | 24.7 | 16.9 |
| 9 28 | 2 42.54 | +31 48.9 | 1.674 | 2.484 | 16.6 | 18.0 | 9 28 | 2 17.72 | +19 2.0 | 0.732 | 1.661 | 19.6 | 16.6 |
| 10 8 | 2 31.64 | +33 0.8 | 1.626 | 2.509 | 13.3 | 17.8 | 10 8 | 2 15.47 | +18 20.5 | 0.711 | 1.676 | 13.6 | 16.4 |
| 10 18 | 2 18.03 | +33 47.1 | 1.602 | 2.533 | 10.1 | 17.7 | 10 18 | 2 10.43 | +17 14.9 | 0.707 | 1.694 | 7.1 | 16.1 |
| 10 28 | 2 3.12 | +34 3.8 | 1.604 | 2.557 | 8.0 | 17.6 | 10 28 | 2 4.26 | +15 55.2 | 0.723 | 1.716 | 1.8 | 15.9 |
| 11 7 | 1 48.64 | +33 52.6 | 1.635 | 2.579 | 8.4 | 17.7 | 11 7 | 1 58.80 | +14 35.3 | 0.760 | 1.741 | 6.9 | 16.3 |
| 11 17 | 1 36.17 | +33 20.2 | 1.692 | 2.601 | 10.7 | 17.9 | 11 17 | 1 55.46 | +13 27.6 | 0.816 | 1.768 | 12.8 | 16.8 |
| 11 27 | 1 26.83 | +32 36.7 | 1.775 | 2.622 | 13.5 | 18.1 | 11 27 | 1 55.15 | +12 41.1 | 0.892 | 1.798 | 17.7 | 17.2 |
| 481414 | 2006 TK_{82} | 10 26.7 327°43' 1°9/28.2 18 | | | | | | 517866 | 2015 RR_{253} | 10 26.7 150°05' 2°9/23.7 18 | | | |
| 9 18 | 2 30.87 | +19 9.3 | 1.923 | 2.716 | 15.5 | 21.7 | 9 18 | 2 28.48 | + 7 1.8 | 2.29 | | | |

EPHEMERIDES

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|----------------------------|----------|-------|---------|------|-------|-----------------|-------------------------------|----------------------------|-------|---------|------|
| 404199 | 2013 <i>CG</i> ₁₃₃ | 10 26.7 57°68 3°0/24.4 18 | | | | | | 317316 | 2002 <i>GJ</i> ₁₈₈ | 10 26.8 272°34 1°7/23.9 18 | | | |
| 9 18 | 2 30.51 | + 6 46.2 | 1.829 | 2.655 | 14.9 | 21.2 | 9 18 | 2 21.26 | + 5 18.8 | 4.348 | 5.155 | 7.2 | 21.0 |
| 9 28 | 2 26.54 | + 6 7.8 | 1.760 | 2.662 | 11.6 | 21.0 | 9 28 | 2 18.13 | + 4 48.8 | 4.259 | 5.151 | 5.6 | 20.9 |
| 10 8 | 2 20.34 | + 5 23.4 | 1.713 | 2.668 | 7.8 | 20.8 | 10 8 | 2 14.09 | + 4 16.8 | 4.196 | 5.147 | 3.8 | 20.7 |
| 10 18 | 2 12.52 | + 4 37.8 | 1.691 | 2.675 | 4.2 | 20.6 | 10 18 | 2 9.42 | + 3 44.7 | 4.161 | 5.143 | 2.1 | 20.6 |
| 10 28 | 2 3.97 | + 3 56.4 | 1.697 | 2.682 | 3.4 | 20.5 | 10 28 | 2 4.45 | + 3 14.8 | 4.157 | 5.138 | 1.9 | 20.6 |
| 11 7 | 1 55.74 | + 3 24.6 | 1.730 | 2.689 | 6.7 | 20.7 | 11 7 | 1 59.55 | + 2 49.1 | 4.183 | 5.134 | 3.4 | 20.7 |
| 11 17 | 1 48.74 | + 3 6.5 | 1.790 | 2.696 | 10.4 | 21.0 | 11 17 | 1 55.08 | + 2 29.4 | 4.239 | 5.130 | 5.3 | 20.8 |
| 11 27 | 1 43.71 | + 3 4.4 | 1.874 | 2.703 | 13.7 | 21.2 | 11 27 | 1 51.36 | + 2 17.2 | 4.321 | 5.125 | 7.0 | 20.9 |
| 482332 | 2011 <i>UX</i> ₃₂₉ | 10 26.7 321°36 2°4/28.8 18 | | | | | | 519045 | 2010 <i>KE</i> ₃₃ | 10 26.8 144°93 5°7/21.6 18 | | | |
| 9 18 | 2 28.36 | +22 9.4 | 1.810 | 2.601 | 16.4 | 20.9 | 9 18 | 2 31.58 | − 0 54.6 | 2.081 | 2.905 | 13.4 | 22.3 |
| 9 28 | 2 25.27 | +21 54.2 | 1.721 | 2.594 | 13.3 | 20.7 | 9 28 | 2 27.02 | − 2 8.2 | 2.017 | 2.914 | 10.6 | 22.1 |
| 10 8 | 2 19.75 | +21 20.6 | 1.651 | 2.587 | 9.7 | 20.5 | 10 8 | 2 20.49 | − 3 22.2 | 1.977 | 2.922 | 7.8 | 22.0 |
| 10 18 | 2 12.34 | +20 29.1 | 1.604 | 2.581 | 5.6 | 20.2 | 10 18 | 2 12.55 | − 4 30.3 | 1.963 | 2.930 | 5.8 | 21.9 |
| 10 28 | 2 3.98 | +19 23.0 | 1.585 | 2.574 | 2.5 | 20.0 | 10 28 | 2 4.01 | − 5 26.0 | 1.978 | 2.937 | 6.2 | 21.9 |
| 11 7 | 1 55.80 | +18 8.4 | 1.593 | 2.568 | 4.9 | 20.2 | 11 7 | 1 55.78 | − 6 4.1 | 2.020 | 2.944 | 8.5 | 22.1 |
| 11 17 | 1 48.86 | +16 53.1 | 1.628 | 2.563 | 9.1 | 20.4 | 11 17 | 1 48.67 | − 6 21.9 | 2.089 | 2.950 | 11.2 | 22.2 |
| 11 27 | 1 44.02 | +15 45.2 | 1.688 | 2.557 | 12.9 | 20.6 | 11 27 | 1 43.33 | − 6 19.0 | 2.180 | 2.956 | 13.8 | 22.4 |
| 122067 | 2000 <i>HJ</i> ₅ | 10 26.8 95°88 1°3/26.0 18 | | | | | | 303166 | 2004 <i>EN</i> ₇₉ | 10 26.8 192°67 0°6/26.2 18 | | | |
| 9 18 | 2 36.90 | +11 45.9 | 1.353 | 2.179 | 19.2 | 20.2 | 9 18 | 2 31.20 | +12 44.4 | 2.481 | 3.276 | 12.4 | 21.5 |
| 9 28 | 2 32.31 | +11 26.8 | 1.291 | 2.191 | 15.0 | 20.0 | 9 28 | 2 26.60 | +12 22.4 | 2.391 | 3.274 | 9.7 | 21.3 |
| 10 8 | 2 24.63 | +10 56.2 | 1.248 | 2.203 | 10.1 | 19.7 | 10 8 | 2 20.18 | +11 52.3 | 2.324 | 3.272 | 6.5 | 21.1 |
| 10 18 | 2 14.65 | +10 17.4 | 1.228 | 2.215 | 4.7 | 19.5 | 10 18 | 2 12.43 | +11 16.2 | 2.284 | 3.270 | 3.1 | 20.9 |
| 10 28 | 2 3.68 | + 9 36.2 | 1.235 | 2.227 | 1.7 | 19.3 | 10 28 | 2 4.02 | +10 37.4 | 2.274 | 3.266 | 0.9 | 20.7 |
| 11 7 | 1 53.23 | + 8 59.7 | 1.268 | 2.239 | 6.8 | 19.7 | 11 7 | 1 55.76 | + 9 59.8 | 2.294 | 3.263 | 4.3 | 21.0 |
| 11 17 | 1 44.63 | + 8 34.0 | 1.326 | 2.250 | 11.7 | 20.0 | 11 17 | 1 48.41 | + 9 27.4 | 2.343 | 3.259 | 7.7 | 21.2 |
| 11 27 | 1 38.82 | + 8 23.6 | 1.407 | 2.261 | 15.9 | 20.3 | 11 27 | 1 42.61 | + 9 3.9 | 2.418 | 3.254 | 10.7 | 21.4 |
| 3964 | Danilevskij | 10 26.8 37°80 5°2/30.5 18 | | | | | | 388163 | 2005 <i>YZ</i> ₁₇₉ | 10 26.8 345°34 2°4/28.1 18 | | | |
| 9 18 | 2 33.33 | +25 41.7 | 1.615 | 2.392 | 18.7 | 17.0 | 9 18 | 2 27.20 | +18 24.0 | 1.207 | 2.042 | 20.5 | 20.8 |
| 9 28 | 2 29.43 | +26 21.4 | 1.546 | 2.404 | 15.5 | 16.8 | 9 28 | 2 25.54 | +18 39.7 | 1.129 | 2.031 | 16.6 | 20.5 |
| 10 8 | 2 22.68 | +26 42.1 | 1.497 | 2.417 | 11.8 | 16.6 | 10 8 | 2 20.62 | +18 37.4 | 1.069 | 2.021 | 11.8 | 20.2 |
| 10 18 | 2 13.75 | +26 41.4 | 1.469 | 2.430 | 8.0 | 16.4 | 10 18 | 2 13.00 | +18 16.7 | 1.030 | 2.013 | 6.5 | 19.9 |
| 10 28 | 2 3.80 | +26 19.6 | 1.466 | 2.444 | 5.4 | 16.3 | 10 28 | 2 3.92 | +17 40.5 | 1.014 | 2.005 | 2.4 | 19.6 |
| 11 7 | 1 54.22 | +25 41.2 | 1.490 | 2.458 | 6.3 | 16.4 | 11 7 | 1 55.00 | +16 55.6 | 1.021 | 1.999 | 6.4 | 19.8 |
| 11 17 | 1 46.24 | +24 53.0 | 1.540 | 2.473 | 9.6 | 16.6 | 11 17 | 1 47.80 | +16 10.7 | 1.052 | 1.995 | 11.8 | 20.1 |
| 11 27 | 1 40.80 | +24 3.6 | 1.614 | 2.489 | 13.1 | 16.9 | 11 27 | 1 43.53 | +15 34.7 | 1.104 | 1.992 | 16.7 | 20.4 |
| 50713 | 2000 <i>EZ</i> ₁₃₅ | 10 26.8 355°82 9°5/27.2 18 | | | | | | 255039 | 2005 <i>TP</i> ₁₀₂ | 10 26.8 174°22 0°7/27.5 18 | | | |
| 9 18 | 2 52.64 | +16 7.8 | 1.005 | 1.819 | 25.1 | 16.5 | 9 18 | 2 28.61 | +18 43.3 | 2.350 | 3.136 | 13.3 | 21.3 |
| 9 28 | 2 47.55 | +19 44.3 | 0.928 | 1.811 | 21.1 | 16.2 | 9 28 | 2 24.71 | +18 4.7 | 2.262 | 3.137 | 10.5 | 21.1 |
| 10 8 | 2 37.16 | +23 30.4 | 0.869 | 1.804 | 16.2 | 15.9 | 10 8 | 2 18.95 | +17 12.6 | 2.196 | 3.138 | 7.3 | 20.9 |
| 10 18 | 2 21.65 | +27 10.9 | 0.834 | 1.800 | 11.5 | 15.6 | 10 18 | 2 11.85 | +16 9.2 | 2.157 | 3.139 | 3.7 | 20.7 |
| 10 28 | 2 2.56 | +30 25.1 | 0.824 | 1.797 | 9.5 | 15.5 | 10 28 | 2 4.11 | +14 58.1 | 2.146 | 3.139 | 0.7 | 20.5 |
| 11 7 | 1 42.76 | +32 56.9 | 0.841 | 1.797 | 12.1 | 15.6 | 11 7 | 1 56.58 | +13 45.0 | 2.166 | 3.140 | 4.1 | 20.7 |
| 11 17 | 1 25.48 | +34 42.8 | 0.881 | 1.799 | 16.8 | 15.9 | 11 17 | 1 50.01 | +12 35.7 | 2.215 | 3.140 | 7.6 | 21.0 |
| 11 27 | 1 13.23 | +35 53.1 | 0.942 | 1.804 | 21.3 | 16.2 | 11 27 | 1 45.06 | +11 35.3 | 2.290 | 3.140 | 10.7 | 21.2 |
| 263767 | 2008 <i>KP</i> ₁₆ | 10 26.8 103°79 2°8/23.8 18 | | | | | | 184213 | 2004 <i>PJ</i> ₁₁₅ | 10 26.8 346°30 0°6/26.3 18 | | | |
| 9 18 | 2 27.75 | + 7 24.2 | 2.258 | 3.077 | 12.7 | 20.8 | 9 18 | 2 32.11 | +11 11.3 | 1.969 | 2.780 | 14.6 | 19.5 |
| 9 28 | 2 23.95 | + 6 21.8 | 2.186 | 3.085 | 9.8 | 20.6 | 9 28 | 2 27.82 | +11 14.9 | 1.886 | 2.778 | 11.4 | 19.3 |
| 10 8 | 2 18.37 | + 5 13.1 | 2.139 | 3.093 | 6.6 | 20.4 | 10 8 | 2 21.29 | +11 11.6 | 1.824 | 2.775 | 7.8 | 19.1 |
| 10 18 | 2 11.52 | + 4 2.6 | 2.118 | 3.102 | 3.6 | 20.2 | 10 18 | 2 13.04 | +11 3.1 | 1.787 | 2.774 | 3.7 | 18.8 |
| 10 28 | 2 4.14 | + 2 56.2 | 2.127 | 3.110 | 3.3 | 20.2 | 10 28 | 2 3.94 | +10 52.3 | 1.779 | 2.772 | 1.0 | 18.6 |
| 11 7 | 1 57.00 | + 1 59.0 | 2.165 | 3.117 | 6.0 | 20.4 | 11 7 | 1 55.01 | +10 42.6 | 1.799 | 2.770 | 5.1 | 18.9 |
| 11 17 | 1 50.84 | + 1 15.5 | 2.230 | 3.125 | 9.1 | 20.6 | 11 17 | 1 47.21 | +10 37.9 | 1.847 | 2.769 | 9.0 | 19.2 |
| 11 27 | 1 46.25 | + 0 48.2 | 2.320 | 3.133 | 11.9 | 20.8 | 11 27 | 1 41.36 | +10 41.4 | 1.920 | 2.768 | 12.5 | 19.4 |
| 156864 | 2003 <i>DX</i> ₁₂ | 10 26.8 206°36 0°2/26.6 18 | | | | | | 488421 | 2016 <i>XT</i> ₆ | 10 26.8 359°14 2°6/28.1 18 | | | |
| 9 18 | 2 33.04 | +14 32.4 | 1.963 | 2.764 | 15.0 | 21.3 | 9 18 | 2 25.03 | +16 53.4 | 1.033 | 1.888 | 21.8 | 19.6 |
| 9 28 | 2 28.59 | +14 7.3 | 1.874 | 2.760 | 11.8 | 21.1 | 9 28 | 2 24.19 | +17 31.2 | 0.968 | 1.882 | 17.6 | 19.3 |
| 10 8 | 2 21.82 | +13 30.5 | 1.807 | 2.755 | 8.1 | 20.9 | 10 8 | 2 19.85 | +17 52.7 | 0.920 | 1.878 | 12.5 | 19.0 |
| 10 18 | 2 13.29 | +12 44.0 | 1.765 | 2.750 | 3.8 | 20.6 | 10 18 | 2 12.67 | +17 57.1 | 0.891 | 1.876 | 6.8 | 18.7 |
| 10 28 | 2 3.88 | +11 52.1 | 1.752 | 2.745 | 0.7 | 20.3 | 10 28 | 2 3.99 | +17 46.7 | 0.884 | 1.876 | 2.6 | 18.5 |
| 11 7 | 1 54.64 | +11 0.4 | 1.767 | 2.739 | 5.1 | 20.7 | 11 7 | 1 55.61 | +17 27.2 | 0.899 | 1.879 | 6.7 | 18.7 |
| 11 17 | 1 46.58 | +10 14.7 | 1.811 | 2.732 | 9.3 | 20.9 | 11 17 | 1 49.16 | +17 6.4 | 0.937 | 1.883 | 12.3 | 19.1 |
| 11 27 | 1 40.51 | + 9 40.0 | 1.880 | 2.725 | 12.9 | 21.1 | 11 27 | 1 45.86 | +16 52.5 | 0.994 | 1.890 | 17.3 | 19.4 |
| 195689 | 2002 <i>PP</i> ₈ | 10 26.8 213°15 4°7/ 1.3 18 | | | | | | 116104 | 2003 <i>WB</i> ₁₃₃ | 10 26.8 230°19 0°1/26.7 18 | | | |
| 9 18 | 2 30.27 | +31 46.2 | 2.830 | 3.538 | 12.9 | 20.6 | 9 18 | 2 30.57 | +15 1.0 | 1.877 | 2.685 | 15.3 | 20.5 |
| 9 28 | 2 25.95 | +31 53.6 | 2.726 | 3.532 | 11.0 | 20.4 | 9 28 | 2 26.74 | +14 36.0 | 1.794 | 2.683 | 12.1 | 20.2 |
| 10 8 | 2 19.80 | +31 45.1 | 2.643 | 3.526 | 8.8 | 20.2 | 10 8 | 2 20.60 | +13 58.6 | 1.732 | 2.682 | 8.2 | 20.0 |
| 10 18 | 2 12.26 | +31 19.3 | 2.585 | 3.520 | 6.5 | 20.1 | 10 18 | 2 12.72 | +13 11.1 | 1.695 | 2.681 | 3.9 | 19.7 |
| 10 28 | 2 4.03 | +30 36.6 | 2.554 | 3.514 | 4.9 | 20.0 | 10 28 | 2 4.00 | +12 17.9 | 1.686 | 2.679 | 0.6 | 19.5 |
| 11 7 | 1 55.91 | +29 39.6 | 2.552 | 3.507 | 5.0 | 20.0 | 11 7 | 1 55.49 | +11 24.9 | 1.705 | 2.678 | 5.1 | 19.8 |
| 11 17 | 1 48.69 | +28 32.8 | 2.579 | 3.500 | 6.9 | 20.1 | 11 17 | 1 48.19 | +10 38.1 | 1.752 | 2.677 | 9.3 | 20.1 |
| 11 27 | 1 43.01 | +27 22.3 | 2.633 | 3.493 | 9.2 | 20.2 | 11 27 | 1 42.88 | +10 2.6 | 1.824 | 2.675 | 13.0 | 20.3 |
| 401755 | 2013 <i>KL</i> | 10 26.8 33°97 1°4/28.1 18 | | | | | | 302673 | 2002 <i>SQ</i> ₆₇ | 10 26.8 14°86 2°9/28.3 18 | | | |
| 9 18 | 2 27.59 | +20 32.5 | 2.087 | 2.876 | 14.6 | 21.0 | 9 18 | 2 | | | | | |

EPHEMERIDES

10 26.8

10 26.8

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|-----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 321001 | 2008 <i>KQ</i> ₁₃ | 10 26.8 | 66°21 | 5°3/21.7 | 18 | | 469062 | 2015 <i>AX</i> ₂₇₉ | 10 26.8 | 159°31 | 0°4/26.5 | 16 | |
| 9 18 | 2 27.94 | + 0 32.6 | 2.050 | 2.881 | 13.3 | 20.7 | 9 18 | 2 37.46 | +12 36.8 | 1.621 | 2.431 | 17.2 | 21.9 |
| 9 28 | 2 24.19 | - 0 45.2 | 1.994 | 2.896 | 10.4 | 20.6 | 9 28 | 2 32.49 | +12 34.7 | 1.544 | 2.434 | 13.6 | 21.7 |
| 10 8 | 2 18.57 | - 2 4.1 | 1.961 | 2.910 | 7.5 | 20.4 | 10 8 | 2 24.70 | +12 22.7 | 1.487 | 2.438 | 9.3 | 21.4 |
| 10 18 | 2 11.64 | - 3 17.8 | 1.955 | 2.925 | 5.5 | 20.3 | 10 18 | 2 14.77 | +12 2.3 | 1.455 | 2.441 | 4.4 | 21.1 |
| 10 28 | 2 4.18 | - 4 19.6 | 1.977 | 2.940 | 5.8 | 20.4 | 10 28 | 2 3.79 | +11 37.5 | 1.450 | 2.444 | 0.9 | 20.9 |
| 11 7 | 1 57.06 | - 5 4.3 | 2.026 | 2.955 | 8.1 | 20.6 | 11 7 | 1 53.11 | +11 13.2 | 1.474 | 2.446 | 5.8 | 21.2 |
| 11 17 | 1 51.02 | - 5 29.1 | 2.101 | 2.970 | 10.9 | 20.8 | 11 17 | 1 43.95 | +10 54.7 | 1.524 | 2.448 | 10.5 | 21.5 |
| 11 27 | 1 46.66 | - 5 33.3 | 2.199 | 2.984 | 13.4 | 21.0 | 11 27 | 1 37.27 | +10 46.6 | 1.598 | 2.449 | 14.5 | 21.8 |
| 114140 | 2002 <i>VF</i> ₅₉ | 10 26.8 | 60°78 | 4°2/24.0 | 18 | | 352286 | 2007 <i>TR</i> ₃₉₂ | 10 26.8 | 12°44 | 3°0/25.1 | 18 | |
| 9 18 | 2 34.30 | + 2 38.8 | 1.698 | 2.526 | 15.8 | 19.2 | 9 18 | 2 31.47 | + 6 32.0 | 1.352 | 2.197 | 18.2 | 20.0 |
| 9 28 | 2 29.49 | + 2 11.3 | 1.642 | 2.544 | 12.3 | 19.0 | 9 28 | 2 28.13 | + 6 23.0 | 1.289 | 2.200 | 14.2 | 19.8 |
| 10 8 | 2 22.30 | + 1 42.5 | 1.609 | 2.562 | 8.5 | 18.9 | 10 8 | 2 21.89 | + 6 8.7 | 1.245 | 2.204 | 9.6 | 19.5 |
| 10 18 | 2 13.44 | + 1 17.2 | 1.600 | 2.580 | 5.1 | 18.7 | 10 18 | 2 13.44 | + 5 53.5 | 1.223 | 2.210 | 4.9 | 19.3 |
| 10 28 | 2 3.93 | + 1 0.6 | 1.619 | 2.598 | 4.6 | 18.7 | 10 28 | 2 3.98 | + 5 42.5 | 1.227 | 2.216 | 3.4 | 19.2 |
| 11 7 | 1 54.90 | + 0 56.8 | 1.665 | 2.617 | 7.6 | 18.9 | 11 7 | 1 54.91 | + 5 40.9 | 1.257 | 2.223 | 7.5 | 19.5 |
| 11 17 | 1 47.31 | + 1 8.0 | 1.737 | 2.635 | 11.1 | 19.2 | 11 17 | 1 47.49 | + 5 52.3 | 1.310 | 2.231 | 12.1 | 19.8 |
| 11 27 | 1 41.90 | + 1 34.7 | 1.832 | 2.654 | 14.2 | 19.4 | 11 27 | 1 42.63 | + 6 18.6 | 1.386 | 2.241 | 16.1 | 20.0 |
| 199967 | 2007 <i>HG</i> ₆₇ | 10 26.8 | 137°49 | 1°3/25.7 | 18 | | 40835 | 1999 <i>TM</i> ₉₅ | 10 26.8 | 21°35 | 3°4/24.9 | 18 | |
| 9 18 | 2 33.29 | +12 0.1 | 1.960 | 2.767 | 14.8 | 22.1 | 9 18 | 2 33.04 | + 5 37.3 | 1.443 | 2.281 | 17.6 | 18.3 |
| 9 28 | 2 28.57 | +11 22.4 | 1.887 | 2.777 | 11.5 | 21.9 | 9 28 | 2 29.16 | + 5 22.6 | 1.378 | 2.286 | 13.7 | 18.1 |
| 10 8 | 2 21.66 | +10 34.9 | 1.836 | 2.788 | 7.7 | 21.7 | 10 8 | 2 22.48 | + 5 3.5 | 1.333 | 2.291 | 9.3 | 17.8 |
| 10 18 | 2 13.16 | + 9 40.9 | 1.811 | 2.797 | 3.6 | 21.5 | 10 18 | 2 13.70 | + 4 44.5 | 1.312 | 2.297 | 4.9 | 17.6 |
| 10 28 | 2 3.97 | + 8 45.5 | 1.815 | 2.806 | 1.6 | 21.3 | 10 28 | 2 3.96 | + 4 30.9 | 1.317 | 2.304 | 3.7 | 17.6 |
| 11 7 | 1 55.10 | + 7 54.5 | 1.848 | 2.815 | 5.4 | 21.6 | 11 7 | 1 54.61 | + 4 27.7 | 1.347 | 2.311 | 7.5 | 17.8 |
| 11 17 | 1 47.47 | + 7 13.1 | 1.909 | 2.823 | 9.3 | 21.9 | 11 17 | 1 46.84 | + 4 38.3 | 1.403 | 2.318 | 11.9 | 18.1 |
| 11 27 | 1 41.80 | + 6 45.1 | 1.995 | 2.831 | 12.7 | 22.1 | 11 27 | 1 41.57 | + 5 4.3 | 1.481 | 2.327 | 15.7 | 18.3 |
| 2524 | Budovicium | 10 26.8 | 75°91 | 0°1/26.9 | 18 | | 130976 | 2000 <i>WW</i> ₁₁₈ | 10 26.8 | 298°18 | 1°1/27.6 | 18 | |
| 9 18 | 2 29.85 | +15 10.1 | 2.227 | 3.025 | 13.5 | 16.0 | 9 18 | 2 31.68 | +16 53.0 | 1.666 | 2.475 | 16.9 | 19.8 |
| 9 28 | 2 25.64 | +14 50.3 | 2.157 | 3.040 | 10.6 | 15.9 | 9 28 | 2 28.14 | +16 52.6 | 1.576 | 2.464 | 13.5 | 19.5 |
| 10 8 | 2 19.55 | +14 20.5 | 2.109 | 3.056 | 7.2 | 15.7 | 10 8 | 2 21.90 | +16 38.5 | 1.506 | 2.453 | 9.5 | 19.3 |
| 10 18 | 2 12.13 | +13 42.8 | 2.087 | 3.071 | 3.4 | 15.5 | 10 18 | 2 13.51 | +16 11.4 | 1.460 | 2.443 | 4.9 | 19.0 |
| 10 28 | 2 4.13 | +13 0.7 | 2.094 | 3.087 | 0.5 | 15.2 | 10 28 | 2 3.97 | +15 34.3 | 1.440 | 2.433 | 1.2 | 18.7 |
| 11 7 | 1 56.43 | +12 18.7 | 2.130 | 3.102 | 4.2 | 15.6 | 11 7 | 1 54.54 | +14 52.6 | 1.447 | 2.422 | 5.4 | 19.0 |
| 11 17 | 1 49.79 | +11 41.3 | 2.194 | 3.118 | 7.7 | 15.8 | 11 17 | 1 46.42 | +14 12.7 | 1.481 | 2.412 | 10.0 | 19.2 |
| 11 27 | 1 44.82 | +11 12.4 | 2.285 | 3.133 | 10.8 | 16.1 | 11 27 | 1 40.61 | +13 41.2 | 1.538 | 2.403 | 14.2 | 19.4 |
| 64012 | 2001 <i>SR</i> ₁₃₅ | 10 26.8 | 216°72 | 0°8/27.4 | 18 | | 267763 | 2003 <i>QT</i> ₉ | 10 26.8 | 10°23 | 7°4/1.5 | 18 | |
| 9 18 | 2 34.13 | +16 45.0 | 1.907 | 2.701 | 15.6 | 20.4 | 9 18 | 2 30.85 | +31 6.8 | 1.744 | 2.494 | 18.5 | 19.4 |
| 9 28 | 2 29.62 | +16 35.2 | 1.815 | 2.695 | 12.4 | 20.2 | 9 28 | 2 27.64 | +32 5.5 | 1.666 | 2.497 | 15.8 | 19.3 |
| 10 8 | 2 22.65 | +16 12.6 | 1.744 | 2.689 | 8.6 | 19.9 | 10 8 | 2 21.63 | +32 43.8 | 1.607 | 2.501 | 12.8 | 19.1 |
| 10 18 | 2 13.76 | +15 38.2 | 1.699 | 2.682 | 4.4 | 19.7 | 10 18 | 2 13.39 | +32 57.9 | 1.568 | 2.506 | 9.8 | 18.9 |
| 10 28 | 2 3.89 | +14 55.1 | 1.681 | 2.674 | 0.9 | 19.4 | 10 28 | 2 3.99 | +32 46.1 | 1.554 | 2.511 | 7.7 | 18.8 |
| 11 7 | 1 54.16 | +14 8.6 | 1.692 | 2.666 | 5.0 | 19.7 | 11 7 | 1 54.79 | +32 11.1 | 1.564 | 2.518 | 7.8 | 18.8 |
| 11 17 | 1 45.64 | +13 24.6 | 1.732 | 2.658 | 9.2 | 19.9 | 11 17 | 1 47.06 | +31 19.1 | 1.601 | 2.526 | 10.0 | 19.0 |
| 11 27 | 1 39.23 | +12 48.8 | 1.796 | 2.649 | 13.1 | 20.2 | 11 27 | 1 41.78 | +30 19.3 | 1.661 | 2.534 | 12.9 | 19.2 |
| 383449 | 2006 <i>WK</i> ₁₂₇ | 10 26.8 | 317°80 | 23°4/24.9 | 18 | | 91186 | 1998 <i>RO</i> ₆₆ | 10 26.8 | 322°68 | 3°6/29.4 | 17 | |
| 9 18 | 2 36.60 | -37 36.5 | 1.261 | 2.026 | 23.5 | 19.3 | 9 18 | 2 29.68 | +22 32.4 | 1.928 | 2.710 | 15.9 | 18.5 |
| 9 28 | 2 33.62 | -40 0.5 | 1.211 | 1.990 | 23.4 | 19.2 | 9 28 | 2 26.38 | +22 57.5 | 1.828 | 2.693 | 13.1 | 18.2 |
| 10 8 | 2 26.50 | -41 52.0 | 1.174 | 1.954 | 23.8 | 19.1 | 10 8 | 2 20.64 | +23 8.3 | 1.748 | 2.677 | 9.7 | 18.0 |
| 10 18 | 2 15.95 | -42 54.4 | 1.150 | 1.918 | 24.7 | 19.1 | 10 18 | 2 12.91 | +23 3.4 | 1.691 | 2.661 | 6.2 | 17.7 |
| 10 28 | 2 3.56 | -42 53.7 | 1.139 | 1.884 | 25.9 | 19.0 | 10 28 | 2 4.07 | +22 43.4 | 1.661 | 2.646 | 3.6 | 17.6 |
| 11 7 | 1 51.47 | -41 44.4 | 1.138 | 1.850 | 27.5 | 19.0 | 11 7 | 1 55.23 | +22 11.5 | 1.659 | 2.631 | 5.2 | 17.6 |
| 11 17 | 1 41.64 | -39 28.7 | 1.148 | 1.817 | 29.2 | 19.1 | 11 17 | 1 47.49 | +21 32.9 | 1.683 | 2.617 | 8.9 | 17.8 |
| 11 27 | 1 35.44 | -36 15.2 | 1.166 | 1.785 | 30.9 | 19.1 | 11 27 | 1 41.81 | +20 54.3 | 1.732 | 2.603 | 12.5 | 18.0 |
| 243504 | 2009 <i>VD</i> ₇₇ | 10 26.8 | 13°32 | 4°8/19.2 | 18 | | 96609 | 1999 <i>AQ</i> ₃₅ | 10 26.8 | 306°01 | 3°1/23.1 | 18 | |
| 9 18 | 2 22.98 | -10 53.8 | 4.022 | 4.828 | 7.8 | 19.5 | 9 18 | 2 24.50 | + 3 25.0 | 2.880 | 3.700 | 10.2 | 19.6 |
| 9 28 | 2 19.50 | -11 32.6 | 3.958 | 4.829 | 6.5 | 19.4 | 9 28 | 2 21.19 | + 2 39.8 | 2.790 | 3.687 | 8.0 | 19.4 |
| 10 8 | 2 15.04 | -12 6.9 | 3.918 | 4.831 | 5.4 | 19.3 | 10 8 | 2 16.46 | + 1 51.7 | 2.723 | 3.675 | 5.5 | 19.2 |
| 10 18 | 2 9.90 | -12 33.8 | 3.905 | 4.832 | 4.8 | 19.3 | 10 18 | 2 10.69 | + 1 4.4 | 2.684 | 3.662 | 3.5 | 19.1 |
| 10 28 | 2 4.47 | -12 50.5 | 3.921 | 4.834 | 5.2 | 19.3 | 10 28 | 2 4.40 | + 0 21.7 | 2.674 | 3.650 | 3.5 | 19.1 |
| 11 7 | 1 59.14 | -12 55.3 | 3.964 | 4.835 | 6.2 | 19.4 | 11 7 | 1 58.20 | - 0 12.6 | 2.694 | 3.637 | 5.5 | 19.2 |
| 11 17 | 1 54.33 | -12 47.5 | 4.033 | 4.837 | 7.5 | 19.5 | 11 17 | 1 52.67 | - 0 35.6 | 2.741 | 3.625 | 8.0 | 19.4 |
| 11 27 | 1 50.37 | -12 26.9 | 4.126 | 4.839 | 8.8 | 19.6 | 11 27 | 1 48.31 | - 0 45.5 | 2.813 | 3.613 | 10.4 | 19.5 |
| 275060 | 2009 <i>UX</i> ₁₁₇ | 10 26.8 | 337°91 | 2°4/28.7 | 17 | | 266234 | 2006 <i>XJ</i> ₂₂ | 10 26.8 | 300°06 | 2°4/25.3 | 18 | |
| 9 18 | 2 30.20 | +20 9.2 | 2.068 | 2.853 | 14.8 | 20.6 | 9 18 | 2 31.04 | + 9 54.6 | 1.417 | 2.254 | 17.9 | 20.8 |
| 9 28 | 2 26.40 | +20 22.4 | 1.978 | 2.849 | 12.0 | 20.4 | 9 28 | 2 28.04 | + 9 22.8 | 1.330 | 2.238 | 14.1 | 20.5 |
| 10 8 | 2 20.39 | +20 22.9 | 1.909 | 2.845 | 8.6 | 20.2 | 10 8 | 2 22.07 | + 8 39.5 | 1.263 | 2.222 | 9.6 | 20.2 |
| 10 18 | 2 12.67 | +20 10.6 | 1.865 | 2.841 | 5.0 | 19.9 | 10 18 | 2 13.69 | + 7 48.8 | 1.219 | 2.206 | 4.7 | 19.9 |
| 10 28 | 2 4.07 | +19 46.9 | 1.848 | 2.837 | 2.4 | 19.8 | 10 28 | 2 3.97 | + 6 57.2 | 1.200 | 2.190 | 2.9 | 19.7 |
| 11 7 | 1 55.59 | +19 15.6 | 1.860 | 2.834 | 4.5 | 19.9 | 11 7 | 1 54.34 | + 6 12.8 | 1.207 | 2.175 | 7.6 | 19.9 |
| 11 17 | 1 48.20 | +18 41.5 | 1.899 | 2.831 | 8.2 | 20.1 | 11 17 | 1 46.16 | + 5 42.5 | 1.239 | 2.160 | 12.6 | 20.2 |
| 11 27 | 1 42.70 | +18 10.2 | 1.963 | 2.828 | 11.6 | 20.3 | 11 27 | 1 40.56 | + 5 31.3 | 1.292 | 2.145 | 17.1 | 20.4 |
| 385053 | 2012 <i>UB</i> ₃₇ | 10 26.8 | 124°92 | 3°2/29.3 | 18 | | 127313 | 2002 <i>JJ</i> ₉₄ | 10 26.8 | 157°83 | 0°1/26.8 | 18 | |
| 9 18 | 2 34.09 | +22 41.2 | 1.853 | 2.630 | 16.6 | 20.7 | 9 18 | 2 33.37 | +14 34.5 | 2.030 | 2.828 | 14.6 | 20.7 |
| 9 28 | 2 29.63 | +22 49.7 | 1.774 | 2.636 | 13.5 | 20.5 | 9 28 | 2 28.71 | +14 20.9 | 1.948 | 2.832 | 11.5 | 20.5 |
| 10 8 | 2 22.64 | +22 41.7 | 1.714 | 2.643 | 9.9 | 20.3 | 10 8 | 2 21.85 | +13 56.8 | 1.889 | 2.836 | 7.9 | 20.3 |
| 10 18 | 2 13.74 | +22 16.8 | 1.678 | 2.649 | 6.0 | 20.1 | 10 18 | 2 13.34 | +13 24.1 | 1.855 | 2.840 | 3.8 | 20.1 |
| 10 28 | 2 3.93 | +21 36.7 | 1.669 | 2.655 | 3.2 | 20.0 | 10 28 | 2 4.04 | +12 46.2 | 1.850 | 2.843 | 0.5 | 19.8 |
| 11 7 | 1 54.39 | +20 46.3 | 1.688 | 2.661 | 5.1 | 20.1 | 11 7 | 1 54.99 | +12 7.9 | 1.873 | 2.846 | 4.7 | 20.1 |
| 11 17 | 1 46.22 | +19 52.3 | 1.735 | 2.667 | 8.8 | 20.3 | 11 17 | 1 47.10 | +11 34.0 | 1.926 | 2.848 | 8.7 | 20.4 |
| 11 27 | 1 40.27 | +19 1.7 | 1.808 | 2.673 | 12.4 | 20.6 | 11 27 | 1 | | | | | |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|--------------|-------|---------|------|---------------|-------------------------------|-----------------|-------------|-------|---------|------|
| 229297 | 2005 <i>EZ</i> ₆ | 10 26.8 329°01 | 0°6/26.2 18 | | | | 411135 | 2009 <i>WV</i> ₂₂₀ | 10 26.8 90°92 | 2°4/24.7 18 | | | |
| 9 18 | 2 27.52 | +12 55.6 | 2.193 | 3.003 | 13.3 | 20.9 | 9 18 | 2 31.33 | +5 44.0 | 2.389 | 3.200 | 12.3 | 21.3 |
| 9 28 | 2 24.06 | +12 33.4 | 2.105 | 2.996 | 10.4 | 20.7 | 9 28 | 2 26.62 | +5 24.2 | 2.320 | 3.213 | 9.5 | 21.1 |
| 10 8 | 2 18.67 | +12 2.1 | 2.038 | 2.990 | 7.1 | 20.4 | 10 8 | 2 20.15 | +5 1.4 | 2.274 | 3.226 | 6.4 | 20.9 |
| 10 18 | 2 11.82 | +11 24.0 | 1.998 | 2.984 | 3.3 | 20.2 | 10 18 | 2 12.45 | +4 38.4 | 2.255 | 3.238 | 3.4 | 20.8 |
| 10 28 | 2 4.25 | +10 42.7 | 1.986 | 2.979 | 0.9 | 20.0 | 10 28 | 2 4.21 | +4 18.9 | 2.266 | 3.251 | 2.7 | 20.7 |
| 11 7 | 1 56.82 | +10 3.1 | 2.002 | 2.973 | 4.7 | 20.3 | 11 7 | 1 56.24 | +4 6.2 | 2.306 | 3.264 | 5.3 | 20.9 |
| 11 17 | 1 50.34 | +9 29.4 | 2.047 | 2.968 | 8.4 | 20.5 | 11 17 | 1 49.25 | +4 2.7 | 2.374 | 3.276 | 8.3 | 21.1 |
| 11 27 | 1 45.51 | +9 5.8 | 2.117 | 2.963 | 11.6 | 20.7 | 11 27 | 1 43.83 | +4 10.1 | 2.468 | 3.288 | 11.1 | 21.3 |
| 249986 | 2001 <i>WV</i> ₂₈ | 10 26.8 8°90 | 7°9/22.6 18 | | | | 495824 | 2017 <i>FF</i> ₁₂₂ | 10 26.8 231°75 | 4°9/21.4 17 | | | |
| 9 18 | 2 29.95 | -4 4.0 | 1.308 | 2.163 | 18.0 | 18.9 | 9 18 | 2 29.50 | -4 1.5 | 2.920 | 3.731 | 10.3 | 22.3 |
| 9 28 | 2 26.91 | -4 42.1 | 1.255 | 2.166 | 14.5 | 18.7 | 9 28 | 2 25.02 | -4 47.5 | 2.833 | 3.718 | 8.3 | 22.2 |
| 10 8 | 2 21.02 | -5 15.0 | 1.220 | 2.171 | 10.9 | 18.5 | 10 8 | 2 19.03 | -5 32.1 | 2.770 | 3.706 | 6.3 | 22.0 |
| 10 18 | 2 13.01 | -5 34.8 | 1.208 | 2.176 | 8.3 | 18.4 | 10 18 | 2 11.93 | -6 11.0 | 2.735 | 3.692 | 5.0 | 21.9 |
| 10 28 | 2 4.10 | -5 34.3 | 1.219 | 2.184 | 8.4 | 18.4 | 10 28 | 2 4.29 | -6 40.2 | 2.729 | 3.679 | 5.3 | 21.9 |
| 11 7 | 1 55.66 | -5 9.7 | 1.254 | 2.192 | 11.1 | 18.6 | 11 7 | 1 56.74 | -6 56.4 | 2.752 | 3.665 | 6.9 | 22.0 |
| 11 17 | 1 48.89 | -4 20.6 | 1.312 | 2.202 | 14.6 | 18.8 | 11 17 | 1 49.92 | -6 57.7 | 2.802 | 3.650 | 9.1 | 22.2 |
| 11 27 | 1 44.63 | -3 9.7 | 1.391 | 2.214 | 17.9 | 19.1 | 11 27 | 1 44.34 | -6 43.5 | 2.877 | 3.635 | 11.2 | 22.3 |
| 447543 | 2006 <i>SS</i> ₂₆₂ | 10 26.8 22°95 | 0°8/26.1 15 | | | | 495775 | 2017 <i>EQ</i> ₂₀ | 10 26.8 240°38 | 7°1/18.9 17 | | | |
| 9 18 | 2 27.72 | +14 2.6 | 1.580 | 2.407 | 16.8 | 21.0 | 9 18 | 2 28.83 | -10 45.4 | 2.624 | 3.436 | 11.3 | 21.2 |
| 9 28 | 2 24.82 | +13 23.4 | 1.512 | 2.414 | 13.2 | 20.8 | 9 28 | 2 24.65 | -11 49.4 | 2.553 | 3.428 | 9.5 | 21.0 |
| 10 8 | 2 19.45 | +12 30.4 | 1.465 | 2.420 | 8.9 | 20.5 | 10 8 | 2 18.84 | -12 47.8 | 2.506 | 3.420 | 7.9 | 20.9 |
| 10 18 | 2 12.24 | +11 27.5 | 1.441 | 2.428 | 4.1 | 20.3 | 10 18 | 2 11.85 | -13 35.2 | 2.484 | 3.412 | 7.1 | 20.9 |
| 10 28 | 2 4.21 | +10 21.1 | 1.444 | 2.436 | 1.3 | 20.1 | 10 28 | 2 4.30 | -14 6.4 | 2.490 | 3.403 | 7.7 | 20.9 |
| 11 7 | 1 56.53 | +9 18.5 | 1.473 | 2.445 | 5.9 | 20.4 | 11 7 | 1 56.92 | -14 18.1 | 2.522 | 3.395 | 9.2 | 21.0 |
| 11 17 | 1 50.23 | +8 26.8 | 1.529 | 2.455 | 10.3 | 20.7 | 11 17 | 1 50.36 | -14 9.1 | 2.579 | 3.386 | 11.1 | 21.1 |
| 11 27 | 1 46.11 | +7 51.1 | 1.608 | 2.465 | 14.1 | 21.0 | 11 27 | 1 45.20 | -13 39.9 | 2.658 | 3.377 | 12.9 | 21.2 |
| 66731 | 1999 <i>TN</i> ₁₁₁ | 10 26.8 167°92 | 0°4/26.4 18 | | | | 173737 | 2001 <i>QM</i> ₂₇₄ | 10 26.8 75°50 | 4°0/23.7 18 | | | |
| 9 18 | 2 28.08 | +15 7.5 | 2.344 | 3.142 | 12.9 | 19.2 | 9 18 | 2 31.27 | +3 51.4 | 1.875 | 2.702 | 14.6 | 20.2 |
| 9 28 | 2 24.30 | +14 22.8 | 2.258 | 3.144 | 10.1 | 19.0 | 9 28 | 2 27.08 | +3 7.7 | 1.809 | 2.710 | 11.3 | 20.1 |
| 10 8 | 2 18.71 | +13 26.8 | 2.196 | 3.145 | 6.8 | 18.8 | 10 8 | 2 20.72 | +2 20.7 | 1.765 | 2.719 | 7.8 | 19.9 |
| 10 18 | 2 11.80 | +12 22.4 | 2.160 | 3.146 | 3.2 | 18.6 | 10 18 | 2 12.79 | +1 35.4 | 1.747 | 2.727 | 4.7 | 19.7 |
| 10 28 | 2 4.28 | +11 13.8 | 2.154 | 3.147 | 0.7 | 18.4 | 10 28 | 2 4.18 | +0 57.5 | 1.757 | 2.736 | 4.4 | 19.7 |
| 11 7 | 1 56.95 | +10 6.7 | 2.177 | 3.148 | 4.4 | 18.7 | 11 7 | 1 55.90 | +0 32.0 | 1.794 | 2.745 | 7.3 | 19.9 |
| 11 17 | 1 50.58 | +9 6.3 | 2.230 | 3.148 | 7.9 | 18.9 | 11 17 | 1 48.84 | +0 22.2 | 1.858 | 2.753 | 10.6 | 20.1 |
| 11 27 | 1 45.76 | +8 17.1 | 2.308 | 3.149 | 11.0 | 19.1 | 11 27 | 1 43.70 | +0 29.4 | 1.945 | 2.762 | 13.7 | 20.3 |
| 453535 | 2009 <i>WA</i> ₆₀ | 10 26.8 238°70 | 2°4/24.6 18 | | | | 132354 | 2002 <i>GZ</i> ₅₅ | 10 26.8 240°20 | 2°6/24.6 18 | | | |
| 9 18 | 2 30.20 | +5 50.6 | 2.446 | 3.258 | 12.0 | 21.4 | 9 18 | 2 31.21 | +8 36.5 | 1.992 | 2.809 | 14.2 | 20.3 |
| 9 28 | 2 25.85 | +5 29.7 | 2.361 | 3.255 | 9.4 | 21.2 | 9 28 | 2 27.16 | +7 49.0 | 1.901 | 2.798 | 11.1 | 20.1 |
| 10 8 | 2 19.72 | +5 5.5 | 2.299 | 3.251 | 6.4 | 21.1 | 10 8 | 2 20.91 | +6 53.0 | 1.833 | 2.787 | 7.5 | 19.9 |
| 10 18 | 2 12.29 | +4 40.7 | 2.264 | 3.248 | 3.4 | 20.9 | 10 18 | 2 12.96 | +5 52.5 | 1.791 | 2.775 | 3.9 | 19.6 |
| 10 28 | 2 4.22 | +4 18.9 | 2.259 | 3.244 | 2.7 | 20.8 | 10 28 | 2 4.15 | +4 53.3 | 1.777 | 2.763 | 3.0 | 19.6 |
| 11 7 | 1 56.31 | +4 3.8 | 2.283 | 3.240 | 5.4 | 21.0 | 11 7 | 1 55.47 | +4 1.6 | 1.791 | 2.751 | 6.4 | 19.8 |
| 11 17 | 1 49.27 | +3 58.0 | 2.335 | 3.237 | 8.5 | 21.2 | 11 17 | 1 47.85 | +3 22.6 | 1.833 | 2.738 | 10.2 | 20.0 |
| 11 27 | 1 43.74 | +4 3.5 | 2.412 | 3.233 | 11.3 | 21.4 | 11 27 | 1 42.11 | +3 0.0 | 1.899 | 2.725 | 13.6 | 20.2 |
| 484587 | 2008 <i>RS</i> ₇ | 10 26.8 73°34 | 1°3/28.2 18 | | | | 296539 | 2009 <i>OM</i> ₂₂ | 10 26.8 3°61 | 5°8/1.1 18 | | | |
| 9 18 | 2 28.60 | +21 0.4 | 2.288 | 3.067 | 13.8 | 21.3 | 9 18 | 2 30.72 | +30 32.1 | 2.019 | 2.759 | 16.6 | 20.2 |
| 9 28 | 2 24.65 | +20 18.9 | 2.218 | 3.087 | 10.9 | 21.2 | 9 28 | 2 27.10 | +30 57.2 | 1.931 | 2.759 | 14.1 | 20.0 |
| 10 8 | 2 18.87 | +19 22.9 | 2.170 | 3.106 | 7.7 | 21.0 | 10 8 | 2 21.03 | +31 2.8 | 1.862 | 2.759 | 11.2 | 19.8 |
| 10 18 | 2 11.83 | +18 14.4 | 2.147 | 3.126 | 4.1 | 20.8 | 10 18 | 2 13.06 | +30 46.5 | 1.815 | 2.759 | 8.2 | 19.7 |
| 10 28 | 2 4.30 | +16 57.7 | 2.154 | 3.146 | 1.3 | 20.6 | 10 28 | 2 4.14 | +30 8.3 | 1.794 | 2.760 | 6.1 | 19.5 |
| 11 7 | 1 57.09 | +15 38.6 | 2.191 | 3.166 | 3.9 | 20.9 | 11 7 | 1 55.39 | +29 11.7 | 1.800 | 2.760 | 6.3 | 19.6 |
| 11 17 | 1 50.95 | +14 23.0 | 2.257 | 3.185 | 7.3 | 21.1 | 11 17 | 1 47.90 | +28 3.1 | 1.834 | 2.761 | 8.7 | 19.7 |
| 11 27 | 1 46.46 | +13 16.5 | 2.350 | 3.205 | 10.3 | 21.3 | 11 27 | 1 42.53 | +26 50.7 | 1.892 | 2.763 | 11.7 | 19.9 |
| 25176 | Thomasaunins | 10 26.8 137°24 | 0°3/27.1 18 | | | | 326348 | 2000 <i>SB</i> ₁₃₆ | 10 26.8 356°80 | 2°0/28.1 18 | | | |
| 9 18 | 2 31.54 | +15 54.4 | 1.931 | 2.733 | 15.2 | 19.3 | 9 18 | 2 23.74 | +20 53.3 | 1.015 | 1.863 | 22.6 | 19.3 |
| 9 28 | 2 27.44 | +15 35.7 | 1.851 | 2.736 | 12.0 | 19.0 | 9 28 | 2 23.25 | +20 27.6 | 0.949 | 1.858 | 18.3 | 19.0 |
| 10 8 | 2 21.06 | +15 4.7 | 1.791 | 2.739 | 8.2 | 18.8 | 10 8 | 2 19.26 | +19 33.2 | 0.899 | 1.854 | 13.0 | 18.7 |
| 10 18 | 2 13.00 | +14 23.4 | 1.757 | 2.742 | 4.0 | 18.6 | 10 18 | 2 12.44 | +18 11.8 | 0.867 | 1.852 | 7.0 | 18.3 |
| 10 28 | 2 4.13 | +13 35.5 | 1.751 | 2.744 | 0.5 | 18.3 | 10 28 | 2 4.22 | +16 30.9 | 0.858 | 1.851 | 2.0 | 18.0 |
| 11 7 | 1 55.50 | +12 46.6 | 1.773 | 2.747 | 4.8 | 18.6 | 11 7 | 1 56.38 | +14 43.6 | 0.872 | 1.852 | 6.8 | 18.3 |
| 11 17 | 1 48.07 | +12 2.2 | 1.824 | 2.749 | 8.9 | 18.9 | 11 17 | 1 50.50 | +13 4.5 | 0.908 | 1.854 | 12.8 | 18.7 |
| 11 27 | 1 42.62 | +11 27.5 | 1.899 | 2.752 | 12.5 | 19.1 | 11 27 | 1 47.73 | +11 45.8 | 0.964 | 1.857 | 18.1 | 19.0 |
| 484385 | 2007 <i>VU</i> ₃₀₇ | 10 26.8 281°30 | 4°4/30.7 17 | | | | 427662 | 2004 <i>BN</i> ₁₇ | 10 26.8 242°13 | 5°7/23.5 17 | | | |
| 9 18 | 2 30.36 | +27 44.2 | 2.008 | 2.763 | 16.2 | 21.5 | 9 18 | 2 37.50 | -0 19.9 | 1.622 | 2.448 | 16.5 | 21.2 |
| 9 28 | 2 26.92 | +27 41.5 | 1.898 | 2.742 | 13.6 | 21.3 | 9 28 | 2 32.54 | -0 51.2 | 1.542 | 2.441 | 13.1 | 20.9 |
| 10 8 | 2 21.01 | +27 18.7 | 1.807 | 2.721 | 10.5 | 21.0 | 10 8 | 2 24.80 | -1 22.3 | 1.484 | 2.432 | 9.5 | 20.7 |
| 10 18 | 2 13.11 | +26 33.9 | 1.740 | 2.699 | 7.1 | 20.8 | 10 18 | 2 14.89 | -1 47.3 | 1.450 | 2.424 | 6.4 | 20.5 |
| 10 28 | 2 4.10 | +25 28.0 | 1.699 | 2.678 | 4.6 | 20.6 | 10 28 | 2 3.89 | -1 59.7 | 1.442 | 2.415 | 6.2 | 20.5 |
| 11 7 | 1 55.09 | +24 5.6 | 1.686 | 2.656 | 5.5 | 20.6 | 11 7 | 1 53.10 | -1 54.7 | 1.462 | 2.406 | 9.2 | 20.6 |
| 11 17 | 1 47.22 | +22 34.2 | 1.701 | 2.634 | 8.9 | 20.8 | 11 17 | 1 43.76 | -1 30.0 | 1.508 | 2.397 | 13.0 | 20.9 |
| 11 27 | 1 41.43 | +21 3.2 | 1.742 | 2.612 | 12.5 | 20.9 | 11 27 | 1 36.83 | -0 45.6 | 1.575 | 2.388 | 16.6 | 21.1 |
| 499779 | 2011 <i>CE</i> ₃₉ | 10 26.8 114°73 | 17°4/11.6 17 | | | | 348810 | 2006 <i>QJ</i> ₁₆₄ | 10 26.8 32°09 | 5°3/31.2 18 | | | |
| 9 18 | 2 32.06 | -15 44.4 | 1.084 | 1.937 | 21.1 | 20.9 | 9 18 | 2 28.90 | +28 28.3 | 1.387 | 2.173 | 20.8 | 20.1 |
| 9 28 | 2 29.19 | -19 22.8 | 1.055 | 1.942 | 18.8 | 20.8 | 9 28 | 2 26.27 | +28 26.7 | 1.331 | 2.193 | 17.2 | 19.9 |
| 10 8 | 2 22.87 | -22 42.7 | 1.046 | 1.946 | 17.5 | 20.8 | 10 8 | 2 20.65 | +27 58.2 | 1.291 | 2.214 | 13.1 | 19.7 |
| 10 18 | 2 13.97 | -25 23.5 | 1.057 | 1.950 | 17.7 | 20.8 | 10 18 | 2 12.86 | +27 2.1 | 1.273 | 2.235 | 8.7 | 19.6 |
| 10 28 | 2 4.00 | -27 9.5 | 1.088 | 1.954 | 19.2 | 20.9 | 10 28 | 2 4.20 | +25 42.2 | 1.278 | 2.258 | 5.5 | 19.4 |
| 11 7 | 1 54.69 | -27 55.0 | 1.136 | 1.958 | 21.4 | 21.1 | 11 7 | 1 56.12 | +24 7.3 | 1.309 | 2.281 | 6.3 | 19.6 |
| 11 17 | 1 47.46 | -27 43.4 | 1.199 | 1.962 | 23.7 | 21.3 | 11 17 | 1 49.84 | +22 28.3 | 1.365 | 2.306 | 9.9 | 19.8 |
| 11 27 | 1 43.26 | -26 43.3 | 1.275 | 1.965 | 25.7 | 21.5 | 11 27 | 1 46.18 | +20 56.3 | 1.446 | 2.330 | 13.7 | 20.1 |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|--------|-----------------|-----------------|----------|-------|---------|------|--------|-----------------|-----------------|----------|-------|---------|------|
| 211923 | 2004 TE_{173} | 10 26.8 320°39 | 5°0/29.9 | 18 | | | 266984 | 2010 WN_{69} | 10 26.8 17°03 | 2°0/28.4 | 18 | | |
| 9 18 | 2 33.38 | +24 3.7 | 1.574 | 2.360 | 18.7 | 19.7 | 9 18 | 2 28.09 | +20 0.0 | 1.725 | 2.528 | 16.6 | 20.3 |
| 9 28 | 2 29.91 | +24 46.8 | 1.486 | 2.350 | 15.6 | 19.5 | 9 28 | 2 25.08 | +19 52.1 | 1.651 | 2.533 | 13.3 | 20.1 |
| 10 8 | 2 23.40 | +25 13.0 | 1.415 | 2.341 | 11.8 | 19.2 | 10 8 | 2 19.64 | +19 28.0 | 1.596 | 2.538 | 9.5 | 19.9 |
| 10 18 | 2 14.39 | +25 19.3 | 1.367 | 2.333 | 7.9 | 19.0 | 10 18 | 2 12.39 | +18 48.7 | 1.565 | 2.544 | 5.2 | 19.6 |
| 10 28 | 2 3.96 | +25 4.9 | 1.343 | 2.324 | 5.1 | 18.8 | 10 28 | 2 4.29 | +17 57.7 | 1.560 | 2.551 | 2.0 | 19.4 |
| 11 7 | 1 53.58 | +24 33.0 | 1.346 | 2.316 | 6.5 | 18.9 | 11 7 | 1 56.47 | +17 1.0 | 1.582 | 2.558 | 4.9 | 19.6 |
| 11 17 | 1 44.68 | +23 50.3 | 1.374 | 2.309 | 10.4 | 19.1 | 11 17 | 1 49.96 | +16 5.4 | 1.631 | 2.566 | 9.0 | 19.9 |
| 11 27 | 1 38.43 | +23 5.6 | 1.426 | 2.302 | 14.4 | 19.3 | 11 27 | 1 45.56 | +15 17.6 | 1.705 | 2.575 | 12.7 | 20.2 |
| 311865 | 2006 WZ_{69} | 10 26.8 327°96 | 1°1/27.6 | 18 | | | 355245 | 2007 EA_{107} | 10 26.8 109°60 | 2°6/24.2 | 18 | | |
| 9 18 | 2 27.76 | +18 1.9 | 1.691 | 2.503 | 16.6 | 20.6 | 9 18 | 2 29.10 | + 6 27.1 | 2.425 | 3.239 | 12.1 | 21.2 |
| 9 28 | 2 25.01 | +17 44.4 | 1.602 | 2.492 | 13.3 | 20.4 | 9 28 | 2 24.91 | + 5 45.2 | 2.354 | 3.250 | 9.3 | 21.0 |
| 10 8 | 2 19.74 | +17 10.8 | 1.533 | 2.481 | 9.3 | 20.1 | 10 8 | 2 19.03 | + 4 58.9 | 2.308 | 3.260 | 6.3 | 20.9 |
| 10 18 | 2 12.50 | +16 22.6 | 1.488 | 2.471 | 4.8 | 19.8 | 10 18 | 2 11.96 | + 4 11.8 | 2.288 | 3.271 | 3.4 | 20.7 |
| 10 28 | 2 4.23 | +15 23.8 | 1.468 | 2.461 | 1.1 | 19.6 | 10 28 | 2 4.38 | + 3 28.4 | 2.297 | 3.281 | 2.9 | 20.7 |
| 11 7 | 1 56.10 | +14 20.9 | 1.476 | 2.452 | 5.2 | 19.8 | 11 7 | 1 57.04 | + 2 52.9 | 2.336 | 3.291 | 5.5 | 20.9 |
| 11 17 | 1 49.21 | +13 21.3 | 1.511 | 2.444 | 9.8 | 20.1 | 11 17 | 1 50.63 | + 2 28.5 | 2.403 | 3.301 | 8.4 | 21.1 |
| 11 27 | 1 44.49 | +12 32.1 | 1.569 | 2.436 | 13.8 | 20.3 | 11 27 | 1 45.70 | + 2 17.2 | 2.495 | 3.310 | 11.1 | 21.3 |
| 345744 | 2007 DU_{111} | 10 26.8 27°46 | 1°9/27.9 | 18 | | | 433248 | 2012 VB_{97} | 10 26.8 41°34 | 2°9/24.9 | 18 | | |
| 9 18 | 2 34.50 | +17 0.1 | 1.395 | 2.211 | 19.2 | 20.4 | 9 18 | 2 31.58 | + 8 16.8 | 1.483 | 2.318 | 17.3 | 20.2 |
| 9 28 | 2 30.69 | +17 23.9 | 1.325 | 2.216 | 15.4 | 20.2 | 9 28 | 2 27.94 | + 7 41.2 | 1.420 | 2.327 | 13.5 | 20.0 |
| 10 8 | 2 23.78 | +17 33.9 | 1.274 | 2.222 | 10.8 | 19.9 | 10 8 | 2 21.63 | + 6 57.5 | 1.378 | 2.336 | 9.1 | 19.7 |
| 10 18 | 2 14.46 | +17 29.8 | 1.246 | 2.228 | 5.8 | 19.7 | 10 18 | 2 13.34 | + 6 10.6 | 1.360 | 2.346 | 4.6 | 19.5 |
| 10 28 | 2 3.97 | +17 13.8 | 1.242 | 2.234 | 1.9 | 19.5 | 10 28 | 2 4.20 | + 5 27.2 | 1.368 | 2.356 | 3.3 | 19.5 |
| 11 7 | 1 53.82 | +16 50.9 | 1.265 | 2.241 | 5.8 | 19.7 | 11 7 | 1 55.48 | + 4 53.6 | 1.402 | 2.367 | 7.2 | 19.7 |
| 11 17 | 1 45.39 | +16 27.4 | 1.313 | 2.249 | 10.7 | 20.0 | 11 17 | 1 48.29 | + 4 34.8 | 1.462 | 2.377 | 11.5 | 20.0 |
| 11 27 | 1 39.71 | +16 10.0 | 1.385 | 2.257 | 15.0 | 20.3 | 11 27 | 1 43.46 | + 4 33.6 | 1.544 | 2.389 | 15.3 | 20.3 |
| 374716 | 2006 SB_{23} | 10 26.8 56°14 | 8°0/22.3 | 18 | | | 191475 | 2003 SU_{292} | 10 26.8 347°23 | 6°8/ 2.5 | 18 | | |
| 9 18 | 2 34.53 | - 1 35.7 | 1.220 | 2.072 | 19.3 | 20.2 | 9 18 | 2 25.86 | +34 1.0 | 1.838 | 2.576 | 18.0 | 18.8 |
| 9 28 | 2 30.45 | - 2 49.0 | 1.179 | 2.090 | 15.3 | 20.0 | 9 28 | 2 23.68 | +34 9.6 | 1.745 | 2.567 | 15.6 | 18.6 |
| 10 8 | 2 23.33 | - 4 0.2 | 1.157 | 2.108 | 11.2 | 19.8 | 10 8 | 2 18.92 | +33 53.0 | 1.670 | 2.559 | 12.7 | 18.4 |
| 10 18 | 2 14.07 | - 4 59.6 | 1.157 | 2.127 | 8.3 | 19.7 | 10 18 | 2 12.15 | +33 8.4 | 1.616 | 2.552 | 9.6 | 18.2 |
| 10 28 | 2 4.05 | - 5 37.6 | 1.181 | 2.146 | 8.6 | 19.8 | 10 28 | 2 4.35 | +31 56.0 | 1.586 | 2.546 | 7.3 | 18.1 |
| 11 7 | 1 54.75 | - 5 48.6 | 1.230 | 2.165 | 11.5 | 20.0 | 11 7 | 1 56.75 | +30 20.6 | 1.582 | 2.541 | 7.1 | 18.0 |
| 11 17 | 1 47.37 | - 5 31.4 | 1.300 | 2.184 | 15.1 | 20.3 | 11 17 | 1 50.48 | +28 31.0 | 1.604 | 2.537 | 9.3 | 18.2 |
| 11 27 | 1 42.72 | - 4 48.5 | 1.391 | 2.204 | 18.4 | 20.6 | 11 27 | 1 46.44 | +26 37.9 | 1.652 | 2.533 | 12.4 | 18.3 |
| 410143 | 2007 HC_{29} | 10 26.8 48°68 | 2°2/24.7 | 18 | | | 7636 | Comba | 10 26.8 311°03 | 0°9/27.4 | 18 | | |
| 9 18 | 2 27.45 | +10 4.0 | 1.997 | 2.819 | 14.0 | 20.9 | 9 18 | 2 34.75 | +14 33.4 | 1.686 | 2.494 | 16.8 | 17.3 |
| 9 28 | 2 24.02 | + 9 7.6 | 1.929 | 2.829 | 10.8 | 20.7 | 9 28 | 2 30.52 | +14 54.2 | 1.598 | 2.486 | 13.4 | 17.1 |
| 10 8 | 2 18.61 | + 8 2.5 | 1.883 | 2.838 | 7.2 | 20.5 | 10 8 | 2 23.56 | +15 5.4 | 1.531 | 2.478 | 9.3 | 16.8 |
| 10 18 | 2 11.78 | + 6 53.2 | 1.862 | 2.848 | 3.6 | 20.3 | 10 18 | 2 14.40 | +15 7.3 | 1.487 | 2.471 | 4.7 | 16.5 |
| 10 28 | 2 4.35 | + 5 45.7 | 1.871 | 2.859 | 2.6 | 20.2 | 10 28 | 2 4.05 | +15 1.7 | 1.471 | 2.464 | 1.0 | 16.2 |
| 11 7 | 1 57.21 | + 4 46.0 | 1.907 | 2.869 | 5.8 | 20.5 | 11 7 | 1 53.80 | +14 52.3 | 1.482 | 2.457 | 5.4 | 16.5 |
| 11 17 | 1 51.17 | + 3 59.2 | 1.971 | 2.880 | 9.4 | 20.7 | 11 17 | 1 44.89 | +14 43.6 | 1.520 | 2.450 | 10.0 | 16.8 |
| 11 27 | 1 46.86 | + 3 28.5 | 2.059 | 2.891 | 12.5 | 20.9 | 11 27 | 1 38.33 | +14 40.6 | 1.582 | 2.443 | 14.1 | 17.0 |
| 348339 | 2005 EG_{48} | 10 26.8 303°49 | 6°6/20.7 | 18 | | | 431780 | 2008 LR | 10 26.8 70°12 | 1°5/25.9 | 18 | | |
| 9 18 | 2 27.58 | + 0 39.5 | 1.705 | 2.547 | 15.1 | 20.4 | 9 18 | 2 35.03 | +11 25.1 | 1.437 | 2.263 | 18.3 | 21.3 |
| 9 28 | 2 24.58 | - 1 1.9 | 1.632 | 2.540 | 12.0 | 20.2 | 9 28 | 2 30.65 | +11 0.9 | 1.380 | 2.280 | 14.2 | 21.1 |
| 10 8 | 2 19.27 | - 2 48.2 | 1.581 | 2.532 | 8.8 | 20.0 | 10 8 | 2 23.45 | +10 26.1 | 1.342 | 2.298 | 9.5 | 20.9 |
| 10 18 | 2 12.20 | - 4 30.6 | 1.556 | 2.525 | 6.7 | 19.9 | 10 18 | 2 14.19 | + 9 44.3 | 1.328 | 2.315 | 4.5 | 20.6 |
| 10 28 | 2 4.29 | - 5 59.2 | 1.557 | 2.517 | 7.4 | 19.9 | 10 28 | 2 4.12 | + 9 1.5 | 1.340 | 2.332 | 1.8 | 20.5 |
| 11 7 | 1 56.59 | - 7 5.9 | 1.585 | 2.510 | 10.2 | 20.1 | 11 7 | 1 54.58 | + 8 24.4 | 1.380 | 2.350 | 6.5 | 20.8 |
| 11 17 | 1 50.09 | - 7 45.7 | 1.637 | 2.503 | 13.5 | 20.2 | 11 17 | 1 46.74 | + 7 58.4 | 1.445 | 2.367 | 11.0 | 21.2 |
| 11 27 | 1 45.60 | - 7 57.3 | 1.710 | 2.496 | 16.6 | 20.4 | 11 27 | 1 41.45 | + 7 47.5 | 1.533 | 2.384 | 15.0 | 21.4 |
| 73067 | 2002 FD_{33} | 10 26.8 91°06 | 2°1/25.2 | 18 | | | 378598 | 2008 EL_{58} | 10 26.8 70°62 | 5°2/30.4 | 18 | | |
| 9 18 | 2 36.46 | + 8 19.0 | 1.901 | 2.711 | 15.1 | 20.3 | 9 18 | 2 36.21 | +25 44.9 | 1.411 | 2.194 | 20.6 | 20.8 |
| 9 28 | 2 30.90 | + 7 53.1 | 1.846 | 2.738 | 11.6 | 20.1 | 9 28 | 2 32.11 | +26 11.8 | 1.346 | 2.208 | 17.0 | 20.6 |
| 10 8 | 2 23.15 | + 7 21.3 | 1.812 | 2.764 | 7.8 | 20.0 | 10 8 | 2 24.77 | +26 16.3 | 1.298 | 2.222 | 12.8 | 20.4 |
| 10 18 | 2 13.89 | + 6 47.2 | 1.805 | 2.790 | 3.8 | 19.8 | 10 18 | 2 14.95 | +25 56.2 | 1.272 | 2.236 | 8.5 | 20.2 |
| 10 28 | 2 4.09 | + 6 15.5 | 1.827 | 2.816 | 2.5 | 19.7 | 10 28 | 2 4.01 | +25 12.7 | 1.270 | 2.251 | 5.3 | 20.0 |
| 11 7 | 1 54.77 | + 5 50.7 | 1.878 | 2.841 | 5.8 | 20.0 | 11 7 | 1 53.56 | +24 12.0 | 1.294 | 2.265 | 6.6 | 20.1 |
| 11 17 | 1 46.84 | + 5 36.2 | 1.957 | 2.865 | 9.5 | 20.3 | 11 17 | 1 45.00 | +23 3.4 | 1.344 | 2.279 | 10.5 | 20.4 |
| 11 27 | 1 40.95 | + 5 34.4 | 2.060 | 2.889 | 12.6 | 20.5 | 11 27 | 1 39.36 | +21 57.4 | 1.417 | 2.294 | 14.4 | 20.7 |
| 179172 | 2001 TK_{94} | 10 26.8 10°91 | 2°0/28.3 | 18 | | | 30402 | 2000 KN_{50} | 10 26.8 32°78 | 4°9/23.3 | 18 | | |
| 9 18 | 2 31.76 | +19 0.7 | 1.861 | 2.654 | 15.9 | 20.0 | 9 18 | 2 28.07 | + 7 18.2 | 1.213 | 2.070 | 19.1 | 18.0 |
| 9 28 | 2 27.84 | +19 11.3 | 1.778 | 2.655 | 12.8 | 19.8 | 9 28 | 2 25.62 | + 5 52.5 | 1.162 | 2.081 | 14.8 | 17.7 |
| 10 8 | 2 21.49 | +19 8.6 | 1.716 | 2.656 | 9.1 | 19.6 | 10 8 | 2 20.23 | + 4 16.4 | 1.131 | 2.094 | 10.0 | 17.5 |
| 10 18 | 2 13.29 | +18 52.9 | 1.678 | 2.657 | 5.1 | 19.4 | 10 18 | 2 12.71 | + 2 39.4 | 1.123 | 2.107 | 5.8 | 17.3 |
| 10 28 | 2 4.16 | +18 26.0 | 1.668 | 2.658 | 2.1 | 19.2 | 10 28 | 2 4.33 | + 1 12.6 | 1.139 | 2.121 | 5.6 | 17.4 |
| 11 7 | 1 55.23 | +17 52.3 | 1.685 | 2.660 | 4.8 | 19.4 | 11 7 | 1 56.50 | + 0 6.1 | 1.180 | 2.136 | 9.5 | 17.6 |
| 11 17 | 1 47.54 | +17 17.4 | 1.730 | 2.662 | 8.8 | 19.6 | 11 17 | 1 50.40 | - 0 34.0 | 1.244 | 2.151 | 13.8 | 17.9 |
| 11 27 | 1 41.96 | +16 47.0 | 1.799 | 2.664 | 12.5 | 19.8 | 11 27 | 1 46.87 | - 0 46.1 | 1.329 | 2.168 | 17.6 | 18.2 |
| 68518 | 2001 VM_{14} | 10 26.8 238°18 | 3°7/29.5 | 18 | | | 310593 | 2001 VS_{67} | | | | | |

EPHEMERIDES

10 26.8

10 26.8

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|------------------------|-----------------|----------|-------|---------|------|---------------|------------------------|-----------------|----------|-------|---------|------|
| 519671 | 2012 YX ₁₀ | 10 26.8 127°32 | 0°7/26.2 | 18 | | | 128029 | 2003 KV ₇ | 10 26.8 211°65 | 5°4/22.8 | 18 | | |
| 9 18 | 2 33.38 | +10 54.0 | 2.581 | 3.373 | 12.0 | 21.8 | 9 18 | 2 32.36 | +1 28.4 | 1.720 | 2.552 | 15.4 | 20.3 |
| 9 28 | 2 28.15 | +10 49.0 | 2.504 | 3.386 | 9.4 | 21.7 | 9 28 | 2 28.27 | +0 30.1 | 1.648 | 2.550 | 12.2 | 20.0 |
| 10 8 | 2 21.20 | +10 38.5 | 2.451 | 3.398 | 6.3 | 21.5 | 10 8 | 2 21.77 | +0 31.0 | 1.597 | 2.549 | 8.7 | 19.8 |
| 10 18 | 2 13.02 | +10 23.9 | 2.425 | 3.410 | 3.0 | 21.3 | 10 18 | 2 13.45 | +1 28.3 | 1.572 | 2.547 | 5.9 | 19.7 |
| 10 28 | 2 4.28 | +10 8.0 | 2.430 | 3.422 | 0.9 | 21.1 | 10 28 | 2 4.27 | +2 14.6 | 1.574 | 2.545 | 6.0 | 19.7 |
| 11 7 | 1 55.78 | +9 53.6 | 2.465 | 3.433 | 4.1 | 21.4 | 11 7 | 1 55.37 | +2 43.8 | 1.602 | 2.543 | 8.8 | 19.8 |
| 11 17 | 1 48.20 | +9 43.7 | 2.529 | 3.444 | 7.3 | 21.6 | 11 17 | 1 47.76 | +2 52.5 | 1.656 | 2.541 | 12.3 | 20.1 |
| 11 27 | 1 42.15 | +9 40.7 | 2.621 | 3.454 | 10.1 | 21.8 | 11 27 | 1 42.27 | +2 39.5 | 1.732 | 2.539 | 15.6 | 20.3 |
| 236378 | 2006 CD ₂₃ | 10 26.8 96°57 | 0°2/26.9 | 18 | | | 222885 | 2002 GC ₉₁ | 10 26.8 113°99 | 0°8/25.9 | 18 | | |
| 9 18 | 2 38.01 | +13 52.7 | 2.048 | 2.838 | 14.8 | 20.7 | 9 18 | 2 28.20 | +14 2.1 | 2.466 | 3.265 | 12.3 | 20.6 |
| 9 28 | 2 32.10 | +13 56.2 | 1.985 | 2.863 | 11.6 | 20.6 | 9 28 | 2 24.24 | +13 8.6 | 2.390 | 3.276 | 9.6 | 20.4 |
| 10 8 | 2 24.00 | +13 50.9 | 1.943 | 2.888 | 7.9 | 20.4 | 10 8 | 2 18.62 | +12 5.2 | 2.338 | 3.288 | 6.4 | 20.2 |
| 10 18 | 2 14.36 | +13 38.0 | 1.929 | 2.913 | 3.8 | 20.2 | 10 18 | 2 11.81 | +10 55.1 | 2.313 | 3.299 | 3.0 | 20.0 |
| 10 28 | 2 4.11 | +13 20.3 | 1.943 | 2.936 | 0.5 | 20.0 | 10 28 | 2 4.50 | +9 42.9 | 2.317 | 3.310 | 1.1 | 19.9 |
| 11 7 | 1 54.28 | +13 1.5 | 1.988 | 2.960 | 4.5 | 20.3 | 11 7 | 1 57.44 | +8 33.9 | 2.352 | 3.320 | 4.4 | 20.1 |
| 11 17 | 1 45.78 | +12 45.6 | 2.061 | 2.983 | 8.3 | 20.6 | 11 17 | 1 51.30 | +7 32.9 | 2.416 | 3.331 | 7.6 | 20.4 |
| 11 27 | 1 39.29 | +12 36.2 | 2.160 | 3.005 | 11.5 | 20.9 | 11 27 | 1 46.64 | +6 44.0 | 2.507 | 3.341 | 10.5 | 20.6 |
| 228491 | 2001 SU ₂₂₈ | 10 26.8 41°47 | 2°0/25.6 | 18 | | | 26624 | 2000 GX ₈₈ | 10 26.8 344°44 | 6°3/22.9 | 18 | | |
| 9 18 | 2 32.15 | +11 0.4 | 1.228 | 2.071 | 19.7 | 20.1 | 9 18 | 2 29.92 | +2 7.5 | 1.296 | 2.151 | 18.2 | 17.4 |
| 9 28 | 2 28.79 | +10 27.5 | 1.177 | 2.088 | 15.3 | 19.9 | 9 28 | 2 27.17 | +1 8.0 | 1.229 | 2.145 | 14.4 | 17.1 |
| 10 8 | 2 22.36 | +9 42.8 | 1.146 | 2.106 | 10.2 | 19.7 | 10 8 | 2 21.45 | +0 4.1 | 1.182 | 2.140 | 10.2 | 16.9 |
| 10 18 | 2 13.72 | +8 51.3 | 1.136 | 2.124 | 4.8 | 19.4 | 10 18 | 2 13.43 | +0 55.8 | 1.156 | 2.135 | 6.8 | 16.7 |
| 10 28 | 2 4.22 | +8 0.6 | 1.152 | 2.143 | 2.4 | 19.3 | 10 28 | 2 4.28 | +1 42.5 | 1.156 | 2.131 | 6.9 | 16.7 |
| 11 7 | 1 55.33 | +7 18.5 | 1.193 | 2.163 | 7.2 | 19.7 | 11 7 | 1 55.44 | +2 8.1 | 1.179 | 2.128 | 10.3 | 16.9 |
| 11 17 | 1 48.31 | +6 51.1 | 1.258 | 2.183 | 12.1 | 20.0 | 11 17 | 1 48.21 | +2 8.3 | 1.225 | 2.125 | 14.6 | 17.1 |
| 11 27 | 1 44.01 | +6 42.1 | 1.344 | 2.204 | 16.2 | 20.3 | 11 27 | 1 43.58 | +1 42.5 | 1.291 | 2.124 | 18.4 | 17.3 |
| 70002 | 1998 XY ₉ | 10 26.8 358°30 | 1°1/25.9 | 18 | | | 63266 | 2001 CV ₁₆ | 10 26.8 101°48 | 1°3/25.6 | 18 | | |
| 9 18 | 2 27.52 | +11 25.4 | 1.722 | 2.550 | 15.6 | 18.8 | 9 18 | 2 30.93 | +9 54.5 | 2.384 | 3.189 | 12.5 | 19.3 |
| 9 28 | 2 24.60 | +11 8.1 | 1.645 | 2.547 | 12.2 | 18.5 | 9 28 | 2 26.40 | +9 34.4 | 2.312 | 3.201 | 9.7 | 19.2 |
| 10 8 | 2 19.34 | +10 41.4 | 1.589 | 2.545 | 8.3 | 18.3 | 10 8 | 2 20.10 | +9 8.3 | 2.262 | 3.214 | 6.5 | 19.0 |
| 10 18 | 2 12.30 | +10 8.3 | 1.557 | 2.544 | 3.9 | 18.0 | 10 18 | 2 12.53 | +8 38.7 | 2.240 | 3.226 | 3.1 | 18.8 |
| 10 28 | 2 4.39 | +9 33.3 | 1.551 | 2.543 | 1.5 | 17.9 | 10 28 | 2 4.42 | +8 9.2 | 2.247 | 3.238 | 1.6 | 18.7 |
| 11 7 | 1 56.70 | +9 1.9 | 1.573 | 2.544 | 5.7 | 18.2 | 11 7 | 1 56.55 | +7 43.5 | 2.283 | 3.249 | 4.7 | 19.0 |
| 11 17 | 1 50.22 | +8 39.1 | 1.620 | 2.545 | 9.9 | 18.4 | 11 17 | 1 49.66 | +7 24.9 | 2.348 | 3.261 | 7.9 | 19.2 |
| 11 27 | 1 45.77 | +8 28.7 | 1.692 | 2.547 | 13.6 | 18.7 | 11 27 | 1 44.33 | +7 16.0 | 2.440 | 3.272 | 10.7 | 19.4 |
| 220689 | 2004 RR ₂₈₇ | 10 26.8 83°00 | 1°0/27.6 | 18 | | | 241368 | 2008 DL | 10 26.8 309°45 | 2°3/24.8 | 18 | | |
| 9 18 | 2 32.81 | +16 6.1 | 2.218 | 3.007 | 13.8 | 20.1 | 9 18 | 2 27.76 | +10 38.9 | 1.854 | 2.679 | 14.8 | 20.8 |
| 9 28 | 2 28.14 | +16 15.3 | 2.139 | 3.015 | 11.0 | 19.9 | 9 28 | 2 24.62 | +9 39.3 | 1.771 | 2.672 | 11.5 | 20.6 |
| 10 8 | 2 21.43 | +16 15.2 | 2.082 | 3.024 | 7.6 | 19.7 | 10 8 | 2 19.28 | +8 28.5 | 1.709 | 2.666 | 7.8 | 20.3 |
| 10 18 | 2 13.21 | +16 6.3 | 2.050 | 3.032 | 3.9 | 19.5 | 10 18 | 2 12.27 | +7 11.0 | 1.673 | 2.659 | 3.8 | 20.1 |
| 10 28 | 2 4.29 | +15 50.7 | 2.048 | 3.040 | 1.0 | 19.3 | 10 28 | 2 4.44 | +5 53.6 | 1.665 | 2.653 | 2.7 | 20.0 |
| 11 7 | 1 55.58 | +15 31.7 | 2.074 | 3.048 | 4.2 | 19.6 | 11 7 | 1 56.80 | +4 43.6 | 1.684 | 2.647 | 6.4 | 20.2 |
| 11 17 | 1 47.94 | +15 13.3 | 2.130 | 3.057 | 7.7 | 19.8 | 11 17 | 1 50.28 | +3 47.4 | 1.730 | 2.641 | 10.3 | 20.5 |
| 11 27 | 1 42.07 | +14 59.3 | 2.211 | 3.065 | 10.9 | 20.0 | 11 27 | 1 45.65 | +3 9.3 | 1.801 | 2.635 | 13.9 | 20.7 |
| 262308 | 2006 TD ₁₁ | 10 26.8 313°89 | 1°7/28.2 | 18 | | | 446470 | 2014 JF ₇₉ | 10 26.8 122°43 | 1°4/28.2 | 18 | | |
| 9 18 | 2 28.62 | +19 31.0 | 1.807 | 2.607 | 16.1 | 20.7 | 9 18 | 2 31.86 | +19 46.2 | 2.302 | 3.078 | 13.8 | 21.3 |
| 9 28 | 2 25.59 | +19 19.2 | 1.713 | 2.595 | 13.0 | 20.5 | 9 28 | 2 27.28 | +19 25.4 | 2.225 | 3.092 | 11.0 | 21.2 |
| 10 8 | 2 20.13 | +18 51.4 | 1.639 | 2.582 | 9.2 | 20.2 | 10 8 | 2 20.77 | +18 51.5 | 2.170 | 3.106 | 7.7 | 21.0 |
| 10 18 | 2 12.75 | +18 8.4 | 1.589 | 2.570 | 5.0 | 20.0 | 10 18 | 2 12.87 | +18 5.9 | 2.140 | 3.119 | 4.1 | 20.8 |
| 10 28 | 2 4.34 | +17 13.3 | 1.566 | 2.558 | 1.7 | 19.7 | 10 28 | 2 4.38 | +17 11.7 | 2.140 | 3.132 | 1.4 | 20.6 |
| 11 7 | 1 56.03 | +16 11.8 | 1.570 | 2.546 | 4.9 | 19.9 | 11 7 | 1 56.17 | +16 13.8 | 2.170 | 3.144 | 4.0 | 20.8 |
| 11 17 | 1 48.89 | +15 11.1 | 1.601 | 2.535 | 9.3 | 20.2 | 11 17 | 1 49.03 | +15 17.5 | 2.229 | 3.156 | 7.4 | 21.1 |
| 11 27 | 1 43.84 | +14 18.3 | 1.657 | 2.524 | 13.2 | 20.4 | 11 27 | 1 43.61 | +14 27.9 | 2.315 | 3.168 | 10.5 | 21.3 |
| 521853 | 2015 TK ₃₇₄ | 10 26.8 145°42 | 6°6/19.5 | 18 | | | 206388 | 2003 RF ₂₆ | 10 26.8 292°20 | 1°8/28.0 | 18 | | |
| 9 18 | 2 27.94 | +7 28.8 | 2.512 | 3.331 | 11.5 | 21.7 | 9 18 | 2 32.07 | +18 11.1 | 1.773 | 2.572 | 16.4 | 20.7 |
| 9 28 | 2 23.99 | +8 42.3 | 2.450 | 3.335 | 9.4 | 21.6 | 9 28 | 2 28.45 | +18 17.9 | 1.675 | 2.556 | 13.2 | 20.4 |
| 10 8 | 2 18.43 | +9 51.8 | 2.411 | 3.338 | 7.6 | 21.5 | 10 8 | 2 22.20 | +18 11.3 | 1.597 | 2.539 | 9.4 | 20.2 |
| 10 18 | 2 11.72 | +10 51.8 | 2.400 | 3.341 | 6.6 | 21.4 | 10 18 | 2 13.82 | +17 51.1 | 1.542 | 2.523 | 5.1 | 19.9 |
| 10 28 | 2 4.50 | +11 36.7 | 2.416 | 3.344 | 7.1 | 21.5 | 10 28 | 2 4.23 | +17 19.4 | 1.515 | 2.506 | 1.8 | 19.6 |
| 11 7 | 1 57.49 | +12 2.9 | 2.458 | 3.347 | 8.8 | 21.6 | 11 7 | 1 54.65 | +16 40.9 | 1.515 | 2.490 | 5.2 | 19.8 |
| 11 17 | 1 51.35 | +12 8.8 | 2.526 | 3.349 | 10.8 | 21.7 | 11 17 | 1 46.27 | +16 1.5 | 1.542 | 2.474 | 9.7 | 20.0 |
| 11 27 | 1 46.63 | +11 54.5 | 2.616 | 3.352 | 12.8 | 21.9 | 11 27 | 1 40.10 | +15 28.0 | 1.593 | 2.458 | 13.8 | 20.3 |
| 439599 | 2014 EJ ₁₅ | 10 26.8 115°85 | 0°1/26.7 | 18 | | | 396122 | 2013 CL ₁₈₃ | 10 26.8 40°07 | 3°8/23.7 | 18 | | |
| 9 18 | 2 33.61 | +14 0.8 | 1.932 | 2.734 | 15.1 | 21.7 | 9 18 | 2 29.86 | +5 22.7 | 1.828 | 2.658 | 14.8 | 21.0 |
| 9 28 | 2 29.00 | +13 47.4 | 1.857 | 2.744 | 11.9 | 21.5 | 9 28 | 2 26.16 | +4 30.0 | 1.757 | 2.661 | 11.5 | 20.8 |
| 10 8 | 2 22.11 | +13 23.7 | 1.804 | 2.753 | 8.1 | 21.2 | 10 8 | 2 20.25 | +3 31.8 | 1.708 | 2.663 | 7.9 | 20.5 |
| 10 18 | 2 13.56 | +12 51.8 | 1.777 | 2.762 | 3.9 | 21.0 | 10 18 | 2 12.71 | +2 33.3 | 1.684 | 2.666 | 4.6 | 20.4 |
| 10 28 | 2 4.26 | +12 15.3 | 1.777 | 2.771 | 0.6 | 20.8 | 10 28 | 2 4.41 | +1 41.0 | 1.687 | 2.668 | 4.3 | 20.3 |
| 11 7 | 1 55.25 | +11 39.2 | 1.807 | 2.779 | 4.9 | 21.1 | 11 7 | 1 56.39 | +1 0.9 | 1.719 | 2.671 | 7.3 | 20.5 |
| 11 17 | 1 47.48 | +11 8.3 | 1.865 | 2.788 | 8.9 | 21.4 | 11 17 | 1 49.56 | +0 37.2 | 1.776 | 2.674 | 10.9 | 20.8 |
| 11 27 | 1 41.72 | +10 47.0 | 1.947 | 2.796 | 12.4 | 21.6 | 11 27 | 1 44.67 | +0 32.1 | 1.856 | 2.677 | 14.1 | 21.0 |
| 152287 | 2005 TM ₁₁ | 10 26.8 331°49 | 0°9/26.1 | 18 | | | 294013 | 2007 TE ₁₀₀ | 10 26.8 198°81 | 1°4/25.9 | 17 | | |
| 9 18 | 2 31.19 | +11 21.3 | 2.042 | 2.852 | 14.2 | 20.3 | 9 18 | 2 36.12 | +11 32.1 | 1.566 | 2.384 | 17.4 | 21.7 |
| 9 28 | 2 27.07 | +11 10.2 | 1.958 | 2.850 | 11.1 | 20.1 | 9 28 | 2 31.64 | +11 7.8 | 1.486 | 2.382 | 13.7 | 21.4 |
| 10 8 | 2 20.83 | +10 51.5 | 1.897 | 2.849 | 7.5 | 19.9 | 10 8 | 2 24.32 | +10 32.4 | 1.426 | 2.380 | 9.3 | 21.2 |
| 10 18 | 2 12.98 | +10 27.2 | 1.861 | 2.847 | 3.5 | 19.7 | 10 18 | 2 14.78 | +9 49.0 | 1.391 | 2.377 | 4.4 | 20.9 |
| 10 28 | 2 4.33 | +10 0.9 | 1.853 | 2.846 | 1.2 | 19.5 | 10 28 | 2 4.13 | +9 3.1 | 1.382 | 2.374 | 1.8 | 20.7 |
| 11 7 | 1 55.86 | +9 36.9 | 1.874 | 2.844 | 5.0 | 19.8 | 11 7 | 1 53.73 | +8 21.2 | 1.401 | 2.370 | 6.5 | 21.0 |
| 11 17 | 1 48.47 | +9 19.2 | 1.923 | 2.843 | 8.9 | 20.0 | 11 17 | 1 44.83 | +7 49.6 | 1.446 | 2.366 | 11.2 | 21.3 |
| 11 27 | 1 42.91 | +9 11.2 | 1.997 | 2.842 | 12.3 | 20.2 | 11 27 | 1 38.41 | +7 33.1 | 1.515 | 2.362 | 15.4 | 21.5 |

EPHEMERIDES

10 26.8

10 26.9

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|----------|---------|------|---------------|-------------------------------|-----------------|----------|----------|---------|------|
| 472069 | 2013 <i>YM</i> ₈₄ | 10 26.8 | 31°56 | 3°1/24.8 | 16 | | 123995 | 2001 <i>FM</i> ₆₄ | 10 26.8 | 238°93 | 1°5/25.4 | 17 | |
| 9 18 | 2 29.26 | + 9 49.9 | 1.159 | 2.014 | 19.9 | 20.2 | 9 18 | 2 28.93 | + 9 59.3 | 2.548 | 3.353 | 11.8 | 20.7 |
| 9 28 | 2 26.69 | + 8 56.8 | 1.111 | 2.028 | 15.4 | 20.0 | 9 28 | 2 24.92 | + 9 27.5 | 2.454 | 3.344 | 9.2 | 20.5 |
| 10 8 | 2 21.04 | + 7 51.8 | 1.081 | 2.044 | 10.3 | 19.8 | 10 8 | 2 19.20 | + 8 49.0 | 2.383 | 3.335 | 6.2 | 20.3 |
| 10 18 | 2 13.15 | + 6 41.8 | 1.073 | 2.060 | 5.1 | 19.5 | 10 18 | 2 12.19 | + 8 6.4 | 2.340 | 3.325 | 3.0 | 20.1 |
| 10 28 | 2 4.37 | + 5 36.3 | 1.089 | 2.078 | 3.6 | 19.5 | 10 28 | 2 4.53 | + 7 23.4 | 2.325 | 3.315 | 1.8 | 20.0 |
| 11 7 | 1 56.21 | + 4 44.3 | 1.130 | 2.097 | 8.1 | 19.8 | 11 7 | 1 56.98 | + 6 44.3 | 2.341 | 3.305 | 4.7 | 20.1 |
| 11 17 | 1 49.89 | + 4 12.0 | 1.194 | 2.116 | 12.9 | 20.2 | 11 17 | 1 50.24 | + 6 12.8 | 2.385 | 3.295 | 7.9 | 20.3 |
| 11 27 | 1 46.28 | + 4 2.6 | 1.279 | 2.136 | 17.0 | 20.5 | 11 27 | 1 44.93 | + 5 52.0 | 2.455 | 3.284 | 10.8 | 20.5 |
| 182173 | 2000 <i>SX</i> ₂₃₉ | 10 26.8 | 33°43 | 1°1/25.8 | 18 | | 301287 | 2009 <i>BD</i> ₁₀₈ | 10 26.8 | 349°68 | 3°9/23.7 | 18 | |
| 9 18 | 2 27.40 | +14 5.2 | 1.936 | 2.751 | 14.7 | 19.8 | 9 18 | 2 30.18 | + 5 9.5 | 1.796 | 2.627 | 15.0 | 20.8 |
| 9 28 | 2 24.18 | +13 6.1 | 1.859 | 2.754 | 11.4 | 19.6 | 9 28 | 2 26.51 | + 4 17.3 | 1.722 | 2.626 | 11.7 | 20.6 |
| 10 8 | 2 18.87 | +11 54.0 | 1.805 | 2.758 | 7.7 | 19.3 | 10 8 | 2 20.55 | + 3 19.5 | 1.670 | 2.626 | 8.0 | 20.4 |
| 10 18 | 2 12.04 | +10 33.0 | 1.775 | 2.762 | 3.6 | 19.1 | 10 18 | 2 12.90 | + 2 21.5 | 1.644 | 2.625 | 4.7 | 20.2 |
| 10 28 | 2 4.52 | + 9 9.3 | 1.775 | 2.766 | 1.5 | 19.0 | 10 28 | 2 4.45 | + 1 29.9 | 1.644 | 2.625 | 4.4 | 20.2 |
| 11 7 | 1 57.25 | + 7 50.0 | 1.802 | 2.771 | 5.4 | 19.2 | 11 7 | 1 56.25 | + 0 50.8 | 1.672 | 2.625 | 7.5 | 20.4 |
| 11 17 | 1 51.12 | + 6 41.8 | 1.858 | 2.776 | 9.3 | 19.5 | 11 17 | 1 49.25 | + 0 28.4 | 1.726 | 2.624 | 11.1 | 20.6 |
| 11 27 | 1 46.79 | + 5 49.6 | 1.938 | 2.780 | 12.7 | 19.7 | 11 27 | 1 44.24 | + 0 25.1 | 1.803 | 2.624 | 14.4 | 20.8 |
| 337953 | 2002 <i>AH</i> ₆₄ | 10 26.8 | 318°51 | 2°8/28.7 | 18 | | 33953 | 2000 <i>MM</i> ₆ | 10 26.8 | 55°01 | 1°7/27.9 | 18 | |
| 9 18 | 2 28.79 | +20 47.9 | 1.427 | 2.240 | 19.0 | 20.5 | 9 18 | 2 34.20 | +19 53.5 | 1.134 | 1.960 | 22.2 | 18.1 |
| 9 28 | 2 26.55 | +20 51.6 | 1.334 | 2.222 | 15.5 | 20.2 | 9 28 | 2 30.76 | +19 30.8 | 1.085 | 1.981 | 17.6 | 17.9 |
| 10 8 | 2 21.29 | +20 36.1 | 1.260 | 2.204 | 11.3 | 19.9 | 10 8 | 2 23.89 | +18 45.2 | 1.053 | 2.002 | 12.3 | 17.7 |
| 10 18 | 2 13.51 | +20 0.4 | 1.208 | 2.187 | 6.5 | 19.6 | 10 18 | 2 14.55 | +17 39.2 | 1.041 | 2.024 | 6.4 | 17.4 |
| 10 28 | 2 4.30 | +19 6.8 | 1.180 | 2.170 | 2.8 | 19.3 | 10 28 | 2 4.26 | +16 20.0 | 1.054 | 2.047 | 1.7 | 17.2 |
| 11 7 | 1 55.10 | +18 2.0 | 1.177 | 2.154 | 6.0 | 19.5 | 11 7 | 1 54.73 | +14 58.1 | 1.092 | 2.069 | 6.3 | 17.6 |
| 11 17 | 1 47.36 | +16 55.0 | 1.199 | 2.139 | 11.0 | 19.7 | 11 17 | 1 47.36 | +13 44.5 | 1.154 | 2.092 | 11.6 | 17.9 |
| 11 27 | 1 42.26 | +15 55.7 | 1.244 | 2.125 | 15.7 | 20.0 | 11 27 | 1 43.02 | +12 47.7 | 1.238 | 2.115 | 16.1 | 18.3 |
| 136785 | 1996 <i>XC</i> ₂ | 10 26.8 | 110°27 | 3°9/24.5 | 18 R | | 263635 | 2008 <i>GM</i> ₆₆ | 10 26.9 | 153°36 | 2°2/24.9 | 18 | |
| 9 18 | 2 37.16 | + 5 3.1 | 1.527 | 2.354 | 17.3 | 20.0 | 9 18 | 2 30.63 | + 7 50.6 | 2.186 | 3.000 | 13.2 | 21.1 |
| 9 28 | 2 32.23 | + 4 32.1 | 1.463 | 2.365 | 13.5 | 19.8 | 9 28 | 2 26.44 | + 7 22.8 | 2.106 | 3.001 | 10.3 | 20.9 |
| 10 8 | 2 24.53 | + 3 56.7 | 1.420 | 2.375 | 9.2 | 19.6 | 10 8 | 2 20.31 | + 6 49.4 | 2.049 | 3.002 | 6.9 | 20.7 |
| 10 18 | 2 14.79 | + 3 21.9 | 1.402 | 2.385 | 5.1 | 19.3 | 10 18 | 2 12.74 | + 6 13.7 | 2.018 | 3.003 | 3.5 | 20.5 |
| 10 28 | 2 4.17 | + 2 53.9 | 1.410 | 2.395 | 4.3 | 19.3 | 10 28 | 2 4.48 | + 5 40.0 | 2.016 | 3.004 | 2.5 | 20.4 |
| 11 7 | 1 54.00 | + 2 38.1 | 1.446 | 2.404 | 7.8 | 19.6 | 11 7 | 1 56.43 | + 5 12.6 | 2.043 | 3.005 | 5.5 | 20.6 |
| 11 17 | 1 45.45 | + 2 38.1 | 1.507 | 2.413 | 11.9 | 19.8 | 11 17 | 1 49.39 | + 4 55.1 | 2.098 | 3.006 | 9.0 | 20.8 |
| 11 27 | 1 39.37 | + 2 55.3 | 1.591 | 2.422 | 15.6 | 20.1 | 11 27 | 1 44.02 | + 4 50.0 | 2.178 | 3.006 | 12.0 | 21.0 |
| 173745 | 2001 <i>RD</i> ₂₄ | 10 26.8 | 89°14 | 1°2/27.8 | 18 | | 101686 | 1999 <i>CX</i> ₁₁₄ | 10 26.9 | 295°42 | 0°7/26.4 | 18 | |
| 9 18 | 2 32.33 | +17 26.8 | 1.971 | 2.764 | 15.2 | 20.2 | 9 18 | 2 30.71 | +15 14.2 | 1.317 | 2.149 | 19.3 | 19.5 |
| 9 28 | 2 28.08 | +17 25.1 | 1.891 | 2.770 | 12.1 | 20.0 | 9 28 | 2 28.04 | +14 33.6 | 1.236 | 2.139 | 15.3 | 19.3 |
| 10 8 | 2 21.57 | +17 11.2 | 1.833 | 2.775 | 8.4 | 19.8 | 10 8 | 2 22.24 | +13 34.1 | 1.174 | 2.130 | 10.5 | 19.0 |
| 10 18 | 2 13.36 | +16 46.1 | 1.799 | 2.781 | 4.4 | 19.6 | 10 18 | 2 13.94 | +12 18.9 | 1.134 | 2.121 | 5.0 | 18.6 |
| 10 28 | 2 4.35 | +16 12.6 | 1.794 | 2.786 | 1.2 | 19.4 | 10 28 | 2 4.31 | +10 55.3 | 1.119 | 2.112 | 1.2 | 18.3 |
| 11 7 | 1 55.58 | +15 35.1 | 1.817 | 2.792 | 4.5 | 19.6 | 11 7 | 1 54.89 | + 9 33.5 | 1.130 | 2.103 | 6.9 | 18.7 |
| 11 17 | 1 48.00 | +14 59.0 | 1.868 | 2.797 | 8.5 | 19.9 | 11 17 | 1 47.09 | + 8 23.7 | 1.165 | 2.094 | 12.4 | 19.0 |
| 11 27 | 1 42.39 | +14 29.3 | 1.944 | 2.802 | 12.0 | 20.1 | 11 27 | 1 42.03 | + 7 33.8 | 1.222 | 2.086 | 17.2 | 19.2 |
| 183238 | 2002 <i>TF</i> ₈₅ | 10 26.8 | 16°55 | 4°4/24.9 | 18 | | 431741 | 2008 <i>FN</i> ₁₂₃ | 10 26.9 | 139°58 | 0°1/26.9 | 15 | |
| 9 18 | 2 32.72 | + 4 21.3 | 1.059 | 1.921 | 20.9 | 19.3 | 9 18 | 2 35.83 | +15 5.2 | 1.800 | 2.600 | 16.2 | 22.6 |
| 9 28 | 2 29.82 | + 4 10.3 | 1.006 | 1.926 | 16.4 | 19.0 | 9 28 | 2 30.94 | +14 48.2 | 1.725 | 2.609 | 12.8 | 22.4 |
| 10 8 | 2 23.45 | + 3 56.0 | 0.970 | 1.933 | 11.2 | 18.8 | 10 8 | 2 23.57 | +14 19.1 | 1.671 | 2.618 | 8.7 | 22.2 |
| 10 18 | 2 14.42 | + 3 44.1 | 0.955 | 1.941 | 6.2 | 18.5 | 10 18 | 2 14.35 | +13 39.8 | 1.642 | 2.627 | 4.2 | 22.0 |
| 10 28 | 2 4.22 | + 3 41.3 | 0.963 | 1.950 | 4.8 | 18.5 | 10 28 | 2 4.29 | +12 54.4 | 1.642 | 2.635 | 0.5 | 21.7 |
| 11 7 | 1 54.58 | + 3 52.9 | 0.995 | 1.961 | 9.1 | 18.8 | 11 7 | 1 54.56 | +12 8.7 | 1.670 | 2.643 | 5.2 | 22.1 |
| 11 17 | 1 47.00 | + 4 21.6 | 1.049 | 1.973 | 14.1 | 19.1 | 11 17 | 1 46.21 | +11 28.4 | 1.726 | 2.650 | 9.4 | 22.3 |
| 11 27 | 1 42.51 | + 5 7.9 | 1.123 | 1.985 | 18.5 | 19.4 | 11 27 | 1 40.07 | +10 58.7 | 1.806 | 2.656 | 13.1 | 22.6 |
| 340184 | 2005 <i>YN</i> ₁₉₆ | 10 26.8 | 344°92 | 0°8/26.1 | 13 C | | 167817 | 2005 <i>CY</i> ₅ | 10 26.9 | 255°86 | 3°8/29.8 | 18 | |
| 9 18 | 2 25.58 | +11 38.8 | 2.375 | 3.187 | 12.3 | 20.9 | 9 18 | 2 33.61 | +23 59.8 | 2.010 | 2.776 | 15.8 | 20.5 |
| 9 28 | 2 22.47 | +11 21.2 | 2.285 | 3.179 | 9.7 | 20.7 | 9 28 | 2 29.43 | +24 17.8 | 1.910 | 2.764 | 13.1 | 20.3 |
| 10 8 | 2 17.61 | +10 56.3 | 2.218 | 3.170 | 6.5 | 20.5 | 10 8 | 2 22.75 | +24 20.3 | 1.830 | 2.752 | 9.8 | 20.1 |
| 10 18 | 2 11.44 | +10 26.3 | 2.176 | 3.163 | 3.1 | 20.3 | 10 18 | 2 14.08 | +24 5.9 | 1.773 | 2.740 | 6.3 | 19.8 |
| 10 28 | 2 4.61 | + 9 54.4 | 2.163 | 3.156 | 1.1 | 20.1 | 10 28 | 2 4.30 | +23 34.9 | 1.744 | 2.727 | 3.8 | 19.6 |
| 11 7 | 1 57.89 | + 9 24.8 | 2.179 | 3.149 | 4.4 | 20.4 | 11 7 | 1 54.56 | +22 51.0 | 1.743 | 2.714 | 5.2 | 19.7 |
| 11 17 | 1 52.00 | + 9 0.9 | 2.223 | 3.143 | 7.8 | 20.6 | 11 17 | 1 45.95 | +21 59.9 | 1.770 | 2.701 | 8.7 | 19.9 |
| 11 27 | 1 47.58 | + 8 46.2 | 2.292 | 3.138 | 10.9 | 20.8 | 11 27 | 1 39.44 | +21 8.9 | 1.822 | 2.688 | 12.3 | 20.1 |
| 76990 | 2001 <i>BO</i> ₇₀ | 10 26.8 | 144°67 | 10°6/7.4 | 18 | | 70380 | 1999 <i>RQ</i> ₂₁₂ | 10 26.9 | 215°09 | 6°5/1.4 | 18 | |
| 9 18 | 2 40.81 | +45 45.8 | 1.963 | 2.594 | 20.0 | 19.4 | 9 18 | 2 35.65 | +31 59.2 | 2.117 | 2.836 | 16.5 | 19.2 |
| 9 28 | 2 35.68 | +46 20.1 | 1.880 | 2.604 | 18.0 | 19.3 | 9 28 | 2 31.07 | +32 36.9 | 2.021 | 2.832 | 14.1 | 19.0 |
| 10 8 | 2 27.21 | +46 25.5 | 1.811 | 2.613 | 15.7 | 19.1 | 10 8 | 2 23.89 | +32 56.0 | 1.943 | 2.827 | 11.4 | 18.8 |
| 10 18 | 2 16.18 | +45 55.7 | 1.761 | 2.622 | 13.4 | 19.0 | 10 18 | 2 14.62 | +32 52.9 | 1.888 | 2.821 | 8.7 | 18.6 |
| 10 28 | 2 3.99 | +44 47.7 | 1.733 | 2.630 | 11.5 | 18.9 | 10 28 | 2 4.24 | +32 26.4 | 1.859 | 2.815 | 6.7 | 18.5 |
| 11 7 | 1 52.31 | +43 4.2 | 1.729 | 2.638 | 10.6 | 18.9 | 11 7 | 1 53.93 | +31 38.8 | 1.857 | 2.809 | 6.9 | 18.5 |
| 11 17 | 1 42.61 | +40 54.0 | 1.752 | 2.644 | 11.3 | 18.9 | 11 17 | 1 44.87 | +30 35.9 | 1.883 | 2.803 | 9.0 | 18.6 |
| 11 27 | 1 35.91 | +38 30.0 | 1.800 | 2.650 | 13.1 | 19.1 | 11 27 | 1 38.02 | +29 25.9 | 1.934 | 2.796 | 11.9 | 18.8 |
| 475428 | 2006 <i>PJ</i> ₂₀ | 10 26.8 | 31°97 | 1°6/26.1 | 16 | | 225346 | 1998 <i>SQ</i> ₁₄₉ | 10 26.9 | 352°79 | 2°0/24.8 | 18 | |
| 9 18 | 2 36.49 | + 8 20.5 | 1.242 | 2.081 | 19.8 | 19.7 | 9 18 | 2 26.30 | +11 29.4 | 2.053 | 2.872 | 13.8 | 19.5 |
| 9 28 | 2 32.03 | + 8 38.2 | 1.198 | 2.106 | 15.4 | 19.5 | 9 28 | 2 23.23 | +10 23.7 | 1.972 | 2.870 | 10.7 | 19.3 |
| 10 8 | 2 24.48 | + 8 49.7 | 1.173 | 2.131 | 10.3 | 19.2 | 10 8 | 2 18.22 | + 9 7.0 | 1.913 | 2.869 | 7.1 | 19.1 |
| 10 18 | 2 14.74 | + 8 57.5 | 1.171 | 2.158 | 4.9 | 19.0 | 10 18 | 2 11.76 | + 7 43.9 | 1.882 | 2.868 | 3.5 | 18.9 |
| 10 28 | 2 4.21 | + 9 5.2 | 1.194 | 2.186 | 1.9 | 18.9 | 10 28 | 2 4.63 | + 6 20.6 | 1.878 | 2.867 | 2.4 | 18.8 |
| 11 7 | 1 54.41 | + 9 16.8 | 1.243 | 2.215 | 6.7 | 19.3 | 11 7 | 1 57.70 | + 5 4.1 | 1.904 | 2.866 | 5.8 | 19.0 |
| 11 17 | 1 46.60 | + 9 35.4 | 1.317 | 2.245 | 11.4 | 19.7 | 11 17 | 1 51.78 | + 4 0.2 | 1.956 | 2.866 | 9.4 | 19.3 |
| 11 27 | 1 41.60 | +10 3.5 | 1.413 | 2.275 | 15. | | | | | | | | |

EPHEMERIDES

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|---------------|-------|---------|------|---------------|-------------------------------|-----------------|--------------|-------|---------|------|
| 295913 | 2008 <i>WM</i> ₁₀₆ | 10 26.9 243°09 | 1°2/27.8 18 | | | | 300729 | 2007 <i>VK</i> ₁₄₁ | 10 26.9 313°07 | 0°6/27.3 18 | | | |
| 9 18 | 2 33.86 | +17 44.1 | 2.185 | 2.967 | 14.2 | 21.4 | 9 18 | 2 30.76 | +15 40.7 | 1.717 | 2.529 | 16.4 | 21.1 |
| 9 28 | 2 29.30 | +17 39.3 | 2.079 | 2.952 | 11.4 | 21.1 | 9 28 | 2 27.38 | +15 34.3 | 1.628 | 2.519 | 13.0 | 20.8 |
| 10 8 | 2 22.50 | +17 22.7 | 1.996 | 2.935 | 8.1 | 20.9 | 10 8 | 2 21.44 | +15 15.2 | 1.560 | 2.509 | 9.0 | 20.6 |
| 10 18 | 2 13.91 | +16 54.8 | 1.938 | 2.919 | 4.3 | 20.6 | 10 18 | 2 13.48 | +14 44.7 | 1.515 | 2.499 | 4.5 | 20.3 |
| 10 28 | 2 4.35 | +16 17.7 | 1.909 | 2.901 | 1.2 | 20.4 | 10 28 | 2 4.44 | +14 6.2 | 1.496 | 2.490 | 0.7 | 20.0 |
| 11 7 | 1 54.79 | +15 35.6 | 1.909 | 2.883 | 4.5 | 20.6 | 11 7 | 1 55.52 | +13 25.2 | 1.506 | 2.481 | 5.3 | 20.3 |
| 11 17 | 1 46.24 | +14 53.7 | 1.939 | 2.865 | 8.4 | 20.8 | 11 17 | 1 47.84 | +12 47.8 | 1.541 | 2.472 | 9.8 | 20.5 |
| 11 27 | 1 39.52 | +14 17.5 | 1.994 | 2.846 | 12.0 | 21.0 | 11 27 | 1 42.35 | +12 19.8 | 1.601 | 2.463 | 13.9 | 20.8 |
| 424437 | 2008 <i>CP</i> ₁₅ | 10 26.9 191°44 | 3°8/29.6 16 | | | | 442532 | 2011 <i>WC</i> ₁₂₇ | 10 26.9 350°62 | 1°1/27.8 17 | | | |
| 9 18 | 2 38.04 | +23 47.3 | 1.907 | 2.669 | 16.7 | 22.1 | 9 18 | 2 29.38 | +18 9.3 | 1.790 | 2.594 | 16.1 | 21.5 |
| 9 28 | 2 32.94 | +24 8.7 | 1.816 | 2.668 | 13.8 | 21.9 | 9 28 | 2 26.10 | +17 52.7 | 1.707 | 2.592 | 12.8 | 21.3 |
| 10 8 | 2 25.15 | +24 14.2 | 1.745 | 2.667 | 10.3 | 21.7 | 10 8 | 2 20.43 | +17 21.2 | 1.645 | 2.590 | 9.0 | 21.1 |
| 10 18 | 2 15.22 | +24 1.9 | 1.698 | 2.664 | 6.5 | 21.5 | 10 18 | 2 12.93 | +16 36.2 | 1.606 | 2.589 | 4.7 | 20.8 |
| 10 28 | 2 4.18 | +23 32.4 | 1.678 | 2.661 | 3.9 | 21.3 | 10 28 | 2 4.52 | +15 41.5 | 1.595 | 2.587 | 1.1 | 20.5 |
| 11 7 | 1 53.28 | +22 49.5 | 1.687 | 2.657 | 5.4 | 21.4 | 11 7 | 1 56.32 | +14 43.2 | 1.611 | 2.586 | 4.9 | 20.8 |
| 11 17 | 1 43.72 | +21 59.3 | 1.724 | 2.653 | 9.1 | 21.6 | 11 17 | 1 49.36 | +13 47.9 | 1.654 | 2.586 | 9.2 | 21.1 |
| 11 27 | 1 36.47 | +21 9.5 | 1.786 | 2.648 | 12.7 | 21.8 | 11 27 | 1 44.47 | +13 2.1 | 1.722 | 2.586 | 13.0 | 21.3 |
| 52939 | 1998 <i>SO</i> ₁₃₇ | 10 26.9 332°10 | 2°9/25.3 18 | | | | 90628 | 2135 <i>T</i> ₋₂ | 10 26.9 320°87 | 0°4/27.2 18 | | | |
| 9 18 | 2 31.13 | +7 48.5 | 1.249 | 2.098 | 19.1 | 18.9 | 9 18 | 2 29.56 | +16 20.3 | 1.864 | 2.670 | 15.4 | 19.6 |
| 9 28 | 2 28.50 | +7 34.7 | 1.171 | 2.085 | 15.1 | 18.6 | 9 28 | 2 26.15 | +16 1.0 | 1.777 | 2.665 | 12.3 | 19.4 |
| 10 8 | 2 22.66 | +7 12.9 | 1.112 | 2.073 | 10.3 | 18.3 | 10 8 | 2 20.43 | +15 28.4 | 1.712 | 2.660 | 8.5 | 19.2 |
| 10 18 | 2 14.20 | +6 47.4 | 1.074 | 2.061 | 5.2 | 18.0 | 10 18 | 2 12.93 | +14 44.3 | 1.671 | 2.655 | 4.2 | 18.9 |
| 10 28 | 2 4.31 | +6 24.3 | 1.061 | 2.051 | 3.3 | 17.8 | 10 28 | 2 4.53 | +13 52.8 | 1.657 | 2.650 | 0.6 | 18.6 |
| 11 7 | 1 54.56 | +6 10.6 | 1.072 | 2.041 | 8.0 | 18.1 | 11 7 | 1 56.30 | +12 59.4 | 1.671 | 2.646 | 4.9 | 18.9 |
| 11 17 | 1 46.46 | +6 11.4 | 1.107 | 2.033 | 13.3 | 18.3 | 11 17 | 1 49.23 | +12 10.5 | 1.713 | 2.641 | 9.1 | 19.2 |
| 11 27 | 1 41.18 | +6 30.3 | 1.162 | 2.025 | 18.0 | 18.6 | 11 27 | 1 44.15 | +11 31.7 | 1.779 | 2.637 | 12.9 | 19.4 |
| 486372 | 2013 <i>DQ</i> ₁₅ | 10 26.9 324°71 | 8°3/2.5 17 | | | | 478459 | 2012 <i>PF</i> ₁₆ | 10 26.9 53°87 | 1°3/25.9 17 | | | |
| 9 18 | 2 33.42 | +34 23.4 | 1.833 | 2.556 | 18.5 | 21.7 | 9 18 | 2 32.59 | +13 11.5 | 1.350 | 2.182 | 18.9 | 20.8 |
| 9 28 | 2 29.87 | +35 18.8 | 1.742 | 2.550 | 16.2 | 21.5 | 9 28 | 2 28.91 | +12 29.9 | 1.298 | 2.201 | 14.7 | 20.6 |
| 10 8 | 2 23.39 | +35 52.8 | 1.669 | 2.544 | 13.4 | 21.3 | 10 8 | 2 22.38 | +11 34.6 | 1.265 | 2.222 | 9.9 | 20.4 |
| 10 18 | 2 14.50 | +36 0.5 | 1.616 | 2.538 | 10.7 | 21.1 | 10 18 | 2 13.80 | +10 30.2 | 1.255 | 2.242 | 4.6 | 20.1 |
| 10 28 | 2 4.27 | +35 39.3 | 1.587 | 2.533 | 8.7 | 21.0 | 10 28 | 2 4.44 | +9 24.3 | 1.271 | 2.263 | 1.7 | 20.0 |
| 11 7 | 1 54.11 | +34 51.2 | 1.583 | 2.528 | 8.6 | 21.0 | 11 7 | 1 55.67 | +8 25.2 | 1.314 | 2.285 | 6.5 | 20.4 |
| 11 17 | 1 45.38 | +33 42.4 | 1.605 | 2.523 | 10.4 | 21.1 | 11 17 | 1 48.65 | +7 39.8 | 1.381 | 2.306 | 11.2 | 20.7 |
| 11 27 | 1 39.21 | +32 22.9 | 1.651 | 2.519 | 13.2 | 21.3 | 11 27 | 1 44.18 | +7 12.5 | 1.471 | 2.328 | 15.2 | 21.0 |
| 399544 | 2003 <i>QH</i> ₂ | 10 26.9 23°46 | 13°5/12.8 18 | | | | 407076 | 2009 <i>SV</i> ₂₀₅ | 10 26.9 91°04 | 0°3/26.5 18 | | | |
| 9 18 | 2 31.64 | +50 28.9 | 1.666 | 2.297 | 23.1 | 18.9 | 9 18 | 2 29.13 | +14 22.5 | 2.325 | 3.124 | 13.0 | 21.7 |
| 9 28 | 2 29.33 | +51 34.5 | 1.608 | 2.316 | 21.2 | 18.8 | 9 28 | 2 25.14 | +13 51.3 | 2.250 | 3.135 | 10.1 | 21.5 |
| 10 8 | 2 23.31 | +52 6.0 | 1.561 | 2.335 | 19.0 | 18.7 | 10 8 | 2 19.35 | +13 10.5 | 2.198 | 3.147 | 6.9 | 21.3 |
| 10 18 | 2 14.44 | +51 56.6 | 1.529 | 2.356 | 16.8 | 18.6 | 10 18 | 2 12.28 | +12 22.4 | 2.173 | 3.158 | 3.2 | 21.1 |
| 10 28 | 2 4.30 | +51 2.6 | 1.515 | 2.378 | 14.9 | 18.5 | 10 28 | 2 4.64 | +11 31.0 | 2.176 | 3.169 | 0.6 | 20.9 |
| 11 7 | 1 54.80 | +49 27.0 | 1.521 | 2.401 | 13.7 | 18.5 | 11 7 | 1 57.24 | +10 41.1 | 2.209 | 3.180 | 4.3 | 21.2 |
| 11 17 | 1 47.55 | +47 18.4 | 1.549 | 2.425 | 13.6 | 18.6 | 11 17 | 1 50.83 | +9 57.1 | 2.270 | 3.191 | 7.7 | 21.4 |
| 11 27 | 1 43.57 | +44 50.5 | 1.601 | 2.450 | 14.5 | 18.7 | 11 27 | 1 46.00 | +9 22.9 | 2.358 | 3.201 | 10.7 | 21.7 |
| 353023 | 2009 <i>BY</i> ₁₈₀ | 10 26.9 143°31 | 5°2/22.4 18 | | | | 115629 | 2003 <i>UH</i> ₁₂₂ | 10 26.9 343°71 | 10°0/18.9 18 | | | |
| 9 18 | 2 33.70 | -2 36.1 | 2.331 | 3.144 | 12.5 | 20.8 | 9 18 | 2 24.42 | -4 17.5 | 1.300 | 2.165 | 17.5 | 18.7 |
| 9 28 | 2 28.56 | -3 17.8 | 2.264 | 3.153 | 9.9 | 20.6 | 9 28 | 2 22.90 | -6 9.5 | 1.237 | 2.153 | 14.3 | 18.4 |
| 10 8 | 2 21.58 | -3 57.6 | 2.221 | 3.161 | 7.3 | 20.5 | 10 8 | 2 18.60 | -8 1.6 | 1.194 | 2.142 | 11.4 | 18.2 |
| 10 18 | 2 13.30 | -4 30.9 | 2.205 | 3.170 | 5.4 | 20.4 | 10 18 | 2 12.15 | -9 41.6 | 1.174 | 2.132 | 10.0 | 18.1 |
| 10 28 | 2 4.46 | -4 53.0 | 2.218 | 3.177 | 5.6 | 20.4 | 10 28 | 2 4.64 | -10 56.8 | 1.177 | 2.123 | 11.0 | 18.2 |
| 11 7 | 1 55.91 | -5 0.5 | 2.259 | 3.184 | 7.6 | 20.5 | 11 7 | 1 57.39 | -11 38.4 | 1.202 | 2.116 | 13.8 | 18.3 |
| 11 17 | 1 48.38 | -4 51.8 | 2.327 | 3.191 | 10.1 | 20.7 | 11 17 | 1 51.60 | -11 42.8 | 1.248 | 2.110 | 17.2 | 18.5 |
| 11 27 | 1 42.50 | -4 26.9 | 2.419 | 3.198 | 12.5 | 20.9 | 11 27 | 1 48.21 | -11 11.4 | 1.311 | 2.105 | 20.3 | 18.7 |
| 152439 | 2005 <i>UP</i> ₄₄₆ | 10 26.9 55°72 | 2°0/28.3 18 R | | | | 228977 | 2003 <i>UH</i> ₂₇₁ | 10 26.9 267°14 | 7°2/19.4 17 | | | |
| 9 18 | 2 34.59 | +17 54.6 | 2.029 | 2.815 | 15.1 | 19.9 | 9 18 | 2 29.69 | -10 4.0 | 2.525 | 3.338 | 11.7 | 20.1 |
| 9 28 | 2 29.87 | +18 19.9 | 1.948 | 2.820 | 12.1 | 19.7 | 9 28 | 2 25.51 | -11 3.9 | 2.447 | 3.324 | 9.7 | 20.0 |
| 10 8 | 2 22.83 | +18 34.6 | 1.888 | 2.825 | 8.6 | 19.5 | 10 8 | 2 19.60 | -11 58.6 | 2.393 | 3.311 | 8.0 | 19.9 |
| 10 18 | 2 14.04 | +18 38.5 | 1.853 | 2.831 | 4.8 | 19.3 | 10 18 | 2 12.42 | -12 42.4 | 2.364 | 3.297 | 7.2 | 19.8 |
| 10 28 | 2 4.37 | +18 32.7 | 1.846 | 2.836 | 2.0 | 19.1 | 10 28 | 2 4.62 | -13 10.2 | 2.363 | 3.283 | 7.7 | 19.8 |
| 11 7 | 1 54.90 | +18 20.2 | 1.868 | 2.842 | 4.5 | 19.3 | 11 7 | 1 56.94 | -13 18.3 | 2.388 | 3.269 | 9.3 | 19.9 |
| 11 17 | 1 46.61 | +18 5.2 | 1.918 | 2.848 | 8.3 | 19.6 | 11 17 | 1 50.11 | -13 5.3 | 2.438 | 3.255 | 11.3 | 20.0 |
| 11 27 | 1 40.32 | +17 52.4 | 1.994 | 2.853 | 11.7 | 19.8 | 11 27 | 1 44.73 | -12 31.8 | 2.511 | 3.241 | 13.4 | 20.1 |
| 411866 | 2012 <i>DQ</i> ₉₅ | 10 26.9 253°12 | 0°0/26.9 17 | | | | 90663 | 4257 <i>T</i> ₋₃ | 10 26.9 329°76 | 3°2/24.5 18 | | | |
| 9 18 | 2 29.27 | +15 10.3 | 2.248 | 3.046 | 13.4 | 22.2 | 9 18 | 2 28.89 | +8 8.3 | 1.588 | 2.425 | 16.3 | 19.5 |
| 9 28 | 2 25.46 | +14 47.7 | 2.159 | 3.043 | 10.6 | 22.0 | 9 28 | 2 25.94 | +7 21.7 | 1.509 | 2.417 | 12.8 | 19.3 |
| 10 8 | 2 19.71 | +14 14.5 | 2.092 | 3.039 | 7.2 | 21.7 | 10 8 | 2 20.45 | +6 25.7 | 1.451 | 2.409 | 8.7 | 19.0 |
| 10 18 | 2 12.50 | +13 32.7 | 2.051 | 3.035 | 3.5 | 21.5 | 10 18 | 2 12.99 | +5 25.6 | 1.416 | 2.402 | 4.5 | 18.8 |
| 10 28 | 2 4.58 | +12 45.7 | 2.038 | 3.032 | 0.4 | 21.2 | 10 28 | 2 4.54 | +4 28.3 | 1.408 | 2.395 | 3.6 | 18.7 |
| 11 7 | 1 56.80 | +11 58.4 | 2.055 | 3.028 | 4.3 | 21.6 | 11 7 | 1 56.28 | +3 41.2 | 1.427 | 2.389 | 7.4 | 18.9 |
| 11 17 | 1 49.99 | +11 15.5 | 2.101 | 3.024 | 8.0 | 21.8 | 11 17 | 1 49.33 | +3 10.0 | 1.471 | 2.383 | 11.7 | 19.1 |
| 11 27 | 1 44.83 | +10 41.4 | 2.172 | 3.021 | 11.3 | 22.0 | 11 27 | 1 44.57 | +2 58.4 | 1.537 | 2.378 | 15.5 | 19.4 |
| 482295 | 2011 <i>TS</i> ₁₅ | 10 26.9 346°17 | 3°3/27.9 18 | | | | 169688 | 2002 <i>JX</i> ₁₃₈ | 10 26.9 24°86 | 1°3/27.8 18 | | | |
| 9 18 | 2 34.70 | +14 57.3 | 1.249 | 2.079 | 20.3 | 19.7 | 9 18 | 2 26.29 | +19 47.9 | 0.994 | 1.843 | 22.9 | 18.2 |
| 9 28 | 2 31.73 | +16 20.1 | 1.166 | 2.064 | 16.5 | 19.4 | 9 28 | 2 24.80 | +19 13.2 | 0.958 | 1.868 | 18.1 | 18.0 |
| 10 8 | 2 25.20 | +17 37.3 | 1.101 | 2.050 | 11.9 | 19.1 | 10 8 | 2 19.93 | +18 13.8 | 0.938 | 1.895 | 12.5 | 17.8 |
| 10 18 | 2 15.60 | +18 45.7 | 1.057 | 2.038 | 6.8 | 18.8 | 10 18 | 2 12.68 | +16 54.5 | 0.939 | 1.924 | 6.3 | 17.6 |
| 10 28 | 2 4.14 | +19 42.6 | 1.037 | 2.027 | 3.3 | 18.5 | 10 28 | 2 4.61 | +15 24.8 | 0.962 | 1.955 | 1.3 | 17.4 |
| 11 7 | 1 52.57 | +20 27.7 | 1.043 | 2.019 | 6.8 | 18.7 | 11 7 | 1 57.35 | +13 56.9 | 1.008 | 1.987 | 6.3 | 17.8 |
| 11 17 | 1 42.68 | +21 3.3 | 1.073 | 2.012 | 12.1 | 19.0 | 11 17 | 1 52.17 | +12 41.6 | 1.078 | 2.021 | 11.6 | 18.2 |
| 11 27 | 1 35.94 | +21 35.0 | 1.124 | 2.007 | 16.9 | 19.3 | 11 27 | | | | | | |

EPHEMERIDES

10 26.9

10 26.9

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|-------------|-------|---------|------|
| 107629 | 2001 <i>EY</i> ₁₀ | 10 26.9 100°07' | 7°3/31.2 18 | | | | 44363 | 1998 <i>SS</i> ₁₉ | 10 26.9 351°95' | 0°6/27.3 18 | | | |
| 9 18 | 2 42.69 | +28 58.9 | 1.896 | 2.627 | 17.8 | 19.4 | 9 18 | 2 27.46 | +15 54.2 | 1.360 | 2.194 | 18.7 | 18.1 |
| 9 28 | 2 37.03 | +30 28.5 | 1.808 | 2.628 | 15.2 | 19.2 | 9 28 | 2 25.36 | +15 46.8 | 1.284 | 2.187 | 14.9 | 17.9 |
| 10 8 | 2 28.26 | +31 43.4 | 1.740 | 2.629 | 12.2 | 19.0 | 10 8 | 2 20.37 | +15 23.6 | 1.226 | 2.181 | 10.3 | 17.6 |
| 10 18 | 2 16.89 | +32 38.0 | 1.694 | 2.630 | 9.3 | 18.9 | 10 18 | 2 13.06 | +14 46.6 | 1.191 | 2.177 | 5.2 | 17.3 |
| 10 28 | 2 4.03 | +33 8.1 | 1.676 | 2.631 | 7.4 | 18.8 | 10 28 | 2 4.56 | +14 0.3 | 1.180 | 2.173 | 0.7 | 17.0 |
| 11 7 | 1 51.12 | +33 13.8 | 1.685 | 2.632 | 7.9 | 18.8 | 11 7 | 1 56.28 | +13 11.9 | 1.194 | 2.171 | 6.0 | 17.3 |
| 11 17 | 1 39.65 | +32 59.2 | 1.721 | 2.633 | 10.3 | 18.9 | 11 17 | 1 49.53 | +12 29.1 | 1.233 | 2.170 | 11.1 | 17.6 |
| 11 27 | 1 30.81 | +32 32.3 | 1.781 | 2.634 | 13.2 | 19.1 | 11 27 | 1 45.32 | +11 58.9 | 1.294 | 2.170 | 15.6 | 17.9 |
| 474286 | 2001 <i>VG</i> ₇₉ | 10 26.9 1°22' | 3°9/29.8 18 | | | | 291604 | 2006 <i>GQ</i> ₃₅ | 10 26.9 91°33' | 0°6/26.4 18 | | | |
| 9 18 | 2 22.06 | +25 4.7 | 1.091 | 1.922 | 22.5 | 20.2 | 9 18 | 2 35.76 | +13 1.1 | 1.964 | 2.763 | 15.0 | 20.9 |
| 9 28 | 2 21.85 | +24 46.9 | 1.024 | 1.919 | 18.5 | 19.9 | 9 28 | 2 30.44 | +12 39.5 | 1.904 | 2.790 | 11.7 | 20.7 |
| 10 8 | 2 18.32 | +23 57.7 | 0.972 | 1.917 | 13.7 | 19.6 | 10 8 | 2 22.97 | +12 8.7 | 1.867 | 2.816 | 7.9 | 20.6 |
| 10 18 | 2 12.14 | +22 37.1 | 0.940 | 1.917 | 8.3 | 19.4 | 10 18 | 2 14.01 | +11 31.1 | 1.856 | 2.842 | 3.7 | 20.4 |
| 10 28 | 2 4.66 | +20 50.8 | 0.929 | 1.918 | 4.1 | 19.1 | 10 28 | 2 4.48 | +10 51.0 | 1.874 | 2.867 | 0.9 | 20.2 |
| 11 7 | 1 57.55 | +18 51.2 | 0.942 | 1.922 | 6.4 | 19.3 | 11 7 | 1 55.40 | +10 13.3 | 1.922 | 2.892 | 4.9 | 20.5 |
| 11 17 | 1 52.29 | +16 53.3 | 0.979 | 1.927 | 11.7 | 19.6 | 11 17 | 1 47.65 | +9 42.6 | 1.997 | 2.916 | 8.7 | 20.8 |
| 11 27 | 1 49.95 | +15 11.1 | 1.036 | 1.934 | 16.6 | 19.9 | 11 27 | 1 41.89 | +9 22.4 | 2.098 | 2.940 | 11.9 | 21.1 |
| 7727 | Chepurova | 10 26.9 189°62' | 0°2/27.0 18 | | | | 97546 | 2000 <i>DE</i> ₅₂ | 10 26.9 250°48' | 0°1/26.8 17 | | | |
| 9 18 | 2 35.75 | +14 57.2 | 1.909 | 2.705 | 15.5 | 18.2 | 9 18 | 2 29.22 | +14 13.1 | 2.532 | 3.326 | 12.2 | 20.1 |
| 9 28 | 2 30.91 | +14 45.2 | 1.822 | 2.704 | 12.3 | 18.0 | 9 28 | 2 25.24 | +13 55.9 | 2.435 | 3.317 | 9.6 | 19.9 |
| 10 8 | 2 23.62 | +14 21.8 | 1.757 | 2.703 | 8.5 | 17.8 | 10 8 | 2 19.49 | +13 30.0 | 2.361 | 3.308 | 6.6 | 19.7 |
| 10 18 | 2 14.46 | +13 48.5 | 1.717 | 2.701 | 4.1 | 17.5 | 10 18 | 2 12.42 | +12 57.0 | 2.314 | 3.299 | 3.2 | 19.4 |
| 10 28 | 2 4.37 | +13 8.9 | 1.705 | 2.699 | 0.5 | 17.2 | 10 28 | 2 4.66 | +12 20.0 | 2.296 | 3.290 | 0.4 | 19.2 |
| 11 7 | 1 54.46 | +12 28.0 | 1.723 | 2.696 | 5.0 | 17.6 | 11 7 | 1 57.00 | +11 42.6 | 2.308 | 3.280 | 4.0 | 19.5 |
| 11 17 | 1 45.81 | +11 51.3 | 1.769 | 2.692 | 9.3 | 17.8 | 11 17 | 1 50.16 | +11 9.0 | 2.349 | 3.271 | 7.4 | 19.7 |
| 11 27 | 1 39.25 | +11 23.9 | 1.839 | 2.688 | 13.0 | 18.0 | 11 27 | 1 44.78 | +10 42.9 | 2.417 | 3.261 | 10.4 | 19.8 |
| 306744 | 2000 <i>XR</i> ₄₃ | 10 26.9 2°42' | 2°0/27.6 18 | | | | 61222 | 2000 <i>OC</i> ₁₃ | 10 26.9 132°39' | 3°7/29.8 18 | | | |
| 9 18 | 2 37.93 | +13 19.8 | 1.274 | 2.100 | 20.2 | 18.9 | 9 18 | 2 34.67 | +24 8.7 | 1.784 | 2.556 | 17.3 | 19.6 |
| 9 28 | 2 33.92 | +14 28.1 | 1.201 | 2.098 | 16.2 | 18.7 | 9 28 | 2 30.36 | +24 18.4 | 1.703 | 2.562 | 14.2 | 19.4 |
| 10 8 | 2 26.42 | +15 30.0 | 1.146 | 2.097 | 11.4 | 18.4 | 10 8 | 2 23.40 | +24 10.1 | 1.642 | 2.567 | 10.5 | 19.2 |
| 10 18 | 2 16.06 | +16 23.2 | 1.114 | 2.098 | 6.0 | 18.1 | 10 18 | 2 14.40 | +23 42.7 | 1.604 | 2.572 | 6.6 | 19.0 |
| 10 28 | 2 4.16 | +17 6.8 | 1.108 | 2.100 | 2.0 | 17.9 | 10 28 | 2 4.41 | +22 57.9 | 1.593 | 2.577 | 3.8 | 18.8 |
| 11 7 | 1 52.45 | +17 41.7 | 1.126 | 2.103 | 6.4 | 18.2 | 11 7 | 1 54.69 | +22 0.7 | 1.609 | 2.582 | 5.4 | 18.9 |
| 11 17 | 1 42.60 | +18 11.3 | 1.170 | 2.107 | 11.6 | 18.5 | 11 17 | 1 46.39 | +20 58.4 | 1.653 | 2.586 | 9.1 | 19.2 |
| 11 27 | 1 35.85 | +18 40.3 | 1.237 | 2.112 | 16.2 | 18.8 | 11 27 | 1 40.42 | +19 59.0 | 1.722 | 2.590 | 12.7 | 19.4 |
| 345423 | 2006 <i>DD</i> ₄₃ | 10 26.9 74°85' | 2°5/25.0 18 | | | | 205143 | 1999 <i>WD</i> ₁₈ | 10 26.9 352°52' | 0°8/27.5 18 | | | |
| 9 18 | 2 31.76 | +9 21.9 | 1.661 | 2.487 | 16.2 | 20.7 | 9 18 | 2 28.22 | +18 10.5 | 1.528 | 2.345 | 17.8 | 20.3 |
| 9 28 | 2 27.90 | +8 38.6 | 1.592 | 2.494 | 12.6 | 20.4 | 9 28 | 2 25.62 | +17 41.9 | 1.449 | 2.342 | 14.2 | 20.1 |
| 10 8 | 2 21.59 | +7 46.2 | 1.545 | 2.501 | 8.5 | 20.2 | 10 8 | 2 20.33 | +16 55.1 | 1.390 | 2.340 | 9.9 | 19.8 |
| 10 18 | 2 13.45 | +6 49.4 | 1.522 | 2.508 | 4.2 | 20.0 | 10 18 | 2 12.98 | +15 52.2 | 1.353 | 2.337 | 5.0 | 19.5 |
| 10 28 | 2 4.51 | +5 54.6 | 1.527 | 2.516 | 2.9 | 19.9 | 10 28 | 2 4.60 | +14 38.7 | 1.343 | 2.336 | 0.9 | 19.2 |
| 11 7 | 1 55.91 | +5 8.3 | 1.559 | 2.523 | 6.7 | 20.2 | 11 7 | 1 56.46 | +13 22.7 | 1.359 | 2.335 | 5.5 | 19.6 |
| 11 17 | 1 48.68 | +4 35.8 | 1.617 | 2.530 | 10.8 | 20.4 | 11 17 | 1 49.75 | +12 12.7 | 1.401 | 2.335 | 10.3 | 19.8 |
| 11 27 | 1 43.61 | +4 20.6 | 1.699 | 2.537 | 14.4 | 20.7 | 11 27 | 1 45.36 | +11 16.4 | 1.466 | 2.335 | 14.5 | 20.1 |
| 229836 | Wladimirinello | 10 26.9 55°08' | 3°7/29.9 18 | | | | 143805 | 2003 <i>WZ</i> ₁₂₂ | 10 26.9 111°18' | 4°1/29.8 18 | | | |
| 9 18 | 2 33.41 | +23 44.0 | 2.155 | 2.917 | 15.0 | 20.9 | 9 18 | 2 36.69 | +24 1.0 | 1.566 | 2.346 | 19.0 | 20.1 |
| 9 28 | 2 28.95 | +24 13.8 | 2.070 | 2.921 | 12.3 | 20.7 | 9 28 | 2 32.28 | +24 18.1 | 1.493 | 2.356 | 15.6 | 19.9 |
| 10 8 | 2 22.23 | +24 29.9 | 2.005 | 2.925 | 9.2 | 20.6 | 10 8 | 2 24.87 | +24 15.7 | 1.437 | 2.365 | 11.6 | 19.7 |
| 10 18 | 2 13.79 | +24 31.0 | 1.965 | 2.929 | 6.0 | 20.4 | 10 18 | 2 15.15 | +23 52.2 | 1.404 | 2.373 | 7.3 | 19.4 |
| 10 28 | 2 4.46 | +24 17.5 | 1.952 | 2.933 | 3.8 | 20.2 | 10 28 | 2 4.33 | +23 9.2 | 1.397 | 2.382 | 4.2 | 19.3 |
| 11 7 | 1 55.29 | +23 52.3 | 1.968 | 2.937 | 4.9 | 20.3 | 11 7 | 1 53.86 | +22 12.3 | 1.417 | 2.390 | 5.9 | 19.4 |
| 11 17 | 1 47.25 | +23 20.0 | 2.012 | 2.941 | 7.9 | 20.5 | 11 17 | 1 45.08 | +21 9.7 | 1.464 | 2.398 | 9.9 | 19.7 |
| 11 27 | 1 41.14 | +22 46.4 | 2.082 | 2.946 | 11.0 | 20.7 | 11 27 | 1 38.95 | +20 10.5 | 1.535 | 2.406 | 13.8 | 19.9 |
| 2387 | <i>Xi'</i> _{an} | 10 26.9 301°82' | 2°1/25.3 18 | | | | 355387 | 2007 <i>TG</i> ₄₃₇ | 10 26.9 7°44' | 0°8/25.6 18 | | | |
| 9 18 | 2 32.05 | +7 14.8 | 2.123 | 2.937 | 13.6 | 16.1 | 9 18 | 2 21.99 | +10 17.1 | 4.090 | 4.889 | 7.8 | 20.7 |
| 9 28 | 2 27.73 | +7 4.9 | 2.035 | 2.930 | 10.6 | 15.8 | 9 28 | 2 18.88 | +9 51.9 | 4.002 | 4.889 | 6.0 | 20.5 |
| 10 8 | 2 21.32 | +6 50.7 | 1.970 | 2.923 | 7.2 | 15.6 | 10 8 | 2 14.81 | +9 22.7 | 3.939 | 4.890 | 4.0 | 20.4 |
| 10 18 | 2 13.33 | +6 34.8 | 1.931 | 2.916 | 3.6 | 15.4 | 10 18 | 2 10.06 | +8 51.2 | 3.905 | 4.890 | 1.9 | 20.2 |
| 10 28 | 2 4.53 | +6 20.8 | 1.921 | 2.910 | 2.3 | 15.3 | 10 28 | 2 4.98 | +8 19.6 | 3.900 | 4.891 | 1.0 | 20.2 |
| 11 7 | 1 55.86 | +6 12.3 | 1.939 | 2.903 | 5.6 | 15.5 | 11 7 | 1 59.99 | +7 50.2 | 3.927 | 4.892 | 2.9 | 20.3 |
| 11 17 | 1 48.20 | +6 12.4 | 1.985 | 2.897 | 9.2 | 15.7 | 11 17 | 1 55.46 | +7 24.9 | 3.983 | 4.893 | 5.0 | 20.5 |
| 11 27 | 1 42.31 | +6 23.4 | 2.056 | 2.890 | 12.4 | 15.9 | 11 27 | 1 51.73 | +7 5.7 | 4.066 | 4.894 | 6.9 | 20.6 |
| 10657 | Wanach | 10 26.9 270°24' | 0°6/27.4 18 | | | | 77397 | 2001 <i>FQ</i> ₁₆₀ | 10 26.9 295°80' | 9°9/17.8 18 | | | |
| 9 18 | 2 31.71 | +15 48.3 | 2.014 | 2.812 | 14.7 | 19.2 | 9 18 | 2 32.96 | -18 30.1 | 2.297 | 3.091 | 13.3 | 18.9 |
| 9 28 | 2 27.67 | +15 43.1 | 1.925 | 2.808 | 11.7 | 19.0 | 9 28 | 2 28.15 | -19 30.5 | 2.240 | 3.089 | 11.6 | 18.8 |
| 10 8 | 2 21.39 | +15 26.9 | 1.858 | 2.804 | 8.1 | 18.8 | 10 8 | 2 21.41 | -20 18.8 | 2.205 | 3.086 | 10.4 | 18.7 |
| 10 18 | 2 13.39 | +15 1.0 | 1.816 | 2.799 | 4.1 | 18.5 | 10 18 | 2 13.29 | -20 48.3 | 2.194 | 3.084 | 9.9 | 18.7 |
| 10 28 | 2 4.52 | +14 28.1 | 1.802 | 2.795 | 0.7 | 18.2 | 10 28 | 2 4.58 | -20 53.7 | 2.207 | 3.081 | 10.4 | 18.7 |
| 11 7 | 1 55.79 | +13 52.8 | 1.816 | 2.790 | 4.6 | 18.5 | 11 7 | 1 56.16 | -20 32.8 | 2.245 | 3.079 | 11.7 | 18.8 |
| 11 17 | 1 48.17 | +13 20.1 | 1.859 | 2.786 | 8.6 | 18.8 | 11 17 | 1 48.83 | -19 45.9 | 2.306 | 3.077 | 13.4 | 18.9 |
| 11 27 | 1 42.44 | +12 54.7 | 1.926 | 2.782 | 12.2 | 19.0 | 11 27 | 1 43.22 | -18 35.8 | 2.388 | 3.075 | 15.0 | 19.1 |
| 487371 | 2014 <i>QG</i> ₂₅₆ | 10 26.9 28°08' | 2°7/24.8 18 | | | | 163922 | 2003 <i>SL</i> ₂₈₂ | 10 26.9 3°36' | 1°9/25.5 18 | | | |
| 9 18 | 2 31.73 | +5 8.5 | 2.182 | 2.998 | 13.2 | 21.0 | 9 18 | 2 30.29 | +10 58.8 | 1.653 | 2.480 | 16.2 | 20.0 |
| 9 28 | 2 27.30 | +4 55.0 | 2.106 | 3.001 | 10.3 | 20.9 | 9 28 | 2 26.89 | +10 20.7 | 1.578 | 2.479 | 12.7 | 19.8 |
| 10 8 | 2 20.91 | +4 38.7 | 2.052 | 3.004 | 7.0 | 20.7 | 10 8 | 2 21.00 | +9 31.9 | 1.523 | 2.479 | 8.6 | 19.6 |
| 10 18 | 2 13.08 | +4 22.8 | 2.024 | 3.007 | 3.8 | 20.5 | 10 18 | 2 13.24 | +8 36.4 | 1.493 | 2.480 | 4.1 | 19.3 |
| 10 28 | 2 4.57 | +4 10.8 | 2.025 | 3.010 | 3.0 | 20.4 | 10 28 | 2 4.57 | +7 40.2 | 1.489 | 2.480 | 2.2 | 19.2 |
| 11 7 | 1 56.28 | +4 6.2 | 2.054 | 3.013 | 5.8 | 20.6 | 11 7 | 1 56.17 | +6 50.2 | 1.513 | 2.481 | 6.3 | 19.5 |
| 11 17 | 1 49.01 | +4 11.5 | 2.112 | 3.017 | 9.1 | 20.8 | 11 17 | 1 49.08 | +6 12.4 | 1.563 | 2.482 | 10.6 | 19.7 |
| 11 27 | 1 43.44 | +4 28.2 | 2.194 | 3.020 | 12.0 | 21.0 | 11 27 | 1 44.15 | +5 51.0 | 1.636 | 2.483 | 14.4 | 20.0 |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|--------------|-------|---------|------|
| 327585 | 2006 <i>DT</i> ₁₄₄ | 10 26.9 151°28 | 3°3/23.4 18 | | | | 13619 | 1995 <i>DN</i> ₁ | 10 26.9 99°17 | 0°5/27.4 18 | | | |
| 9 18 | 2 27.79 | + 4 34.0 | 2.479 | 3.298 | 11.7 | 21.3 | 9 18 | 2 31.52 | +15 29.2 | 2.410 | 3.199 | 12.9 | 18.3 |
| 9 28 | 2 23.99 | + 3 38.9 | 2.403 | 3.300 | 9.1 | 21.1 | 9 28 | 2 27.01 | +15 26.8 | 2.331 | 3.208 | 10.2 | 18.1 |
| 10 8 | 2 18.55 | + 2 40.0 | 2.350 | 3.302 | 6.3 | 20.9 | 10 8 | 2 20.66 | +15 15.7 | 2.275 | 3.218 | 7.0 | 17.9 |
| 10 18 | 2 11.92 | + 1 41.5 | 2.325 | 3.304 | 3.8 | 20.8 | 10 18 | 2 12.98 | +14 56.8 | 2.244 | 3.227 | 3.5 | 17.7 |
| 10 28 | 2 4.76 | + 0 48.3 | 2.329 | 3.307 | 3.7 | 20.8 | 10 28 | 2 4.67 | +14 32.7 | 2.243 | 3.236 | 0.6 | 17.5 |
| 11 7 | 1 57.77 | + 0 4.9 | 2.362 | 3.308 | 6.0 | 20.9 | 11 7 | 1 56.58 | +14 6.8 | 2.272 | 3.246 | 3.9 | 17.8 |
| 11 17 | 1 51.64 | + 0 25.4 | 2.423 | 3.310 | 8.8 | 21.1 | 11 17 | 1 49.45 | +13 42.7 | 2.330 | 3.255 | 7.3 | 18.0 |
| 11 27 | 1 46.93 | + 0 40.4 | 2.508 | 3.312 | 11.4 | 21.3 | 11 27 | 1 43.92 | +13 24.3 | 2.414 | 3.264 | 10.3 | 18.2 |
| 510206 | 2011 <i>CU</i> ₈₆ | 10 26.9 325°47 | 5°0/23.5 18 | | | | 60289 | 1999 <i>XS</i> ₁₂₅ | 10 26.9 90°90 | 0°2/27.1 18 | | | |
| 9 18 | 2 25.80 | + 7 37.9 | 1.173 | 2.035 | 19.2 | 21.1 | 9 18 | 2 32.82 | +14 0.2 | 2.261 | 3.055 | 13.5 | 19.5 |
| 9 28 | 2 24.50 | + 6 24.8 | 1.094 | 2.017 | 15.1 | 20.8 | 9 28 | 2 28.15 | +14 3.1 | 2.183 | 3.064 | 10.6 | 19.3 |
| 10 8 | 2 20.05 | + 4 56.9 | 1.035 | 1.999 | 10.4 | 20.4 | 10 8 | 2 21.50 | +13 57.9 | 2.126 | 3.072 | 7.2 | 19.1 |
| 10 18 | 2 13.03 | + 3 22.0 | 0.997 | 1.982 | 6.0 | 20.1 | 10 18 | 2 13.40 | +13 45.8 | 2.096 | 3.080 | 3.5 | 18.9 |
| 10 28 | 2 4.59 | + 1 51.9 | 0.983 | 1.966 | 5.7 | 20.1 | 10 28 | 2 4.62 | +13 29.3 | 2.095 | 3.088 | 0.4 | 18.6 |
| 11 7 | 1 56.28 | + 0 38.8 | 0.992 | 1.952 | 10.2 | 20.3 | 11 7 | 1 56.06 | +13 11.5 | 2.123 | 3.096 | 4.2 | 19.0 |
| 11 17 | 1 49.56 | + 0 8.0 | 1.023 | 1.938 | 15.3 | 20.5 | 11 17 | 1 48.53 | +12 56.2 | 2.180 | 3.104 | 7.8 | 19.2 |
| 11 27 | 1 45.60 | + 0 23.6 | 1.073 | 1.925 | 19.9 | 20.8 | 11 27 | 1 42.72 | +12 46.8 | 2.264 | 3.112 | 10.9 | 19.4 |
| 91700 | 1999 <i>TY</i> ₁₃₉ | 10 26.9 4°55 | 1°1/27.7 18 | | | | 364561 | 2007 <i>HE</i> ₃₀ | 10 26.9 63°00 | 1°0/27.6 18 | | | |
| 9 18 | 2 33.09 | +15 50.9 | 2.048 | 2.843 | 14.7 | 20.0 | 9 18 | 2 36.17 | +15 8.7 | 2.142 | 2.929 | 14.3 | 20.6 |
| 9 28 | 2 28.71 | +16 8.2 | 1.963 | 2.843 | 11.7 | 19.8 | 9 28 | 2 30.75 | +15 31.7 | 2.076 | 2.951 | 11.3 | 20.4 |
| 10 8 | 2 22.08 | +16 16.1 | 1.900 | 2.843 | 8.1 | 19.6 | 10 8 | 2 23.24 | +15 46.2 | 2.032 | 2.973 | 7.8 | 20.3 |
| 10 18 | 2 13.73 | +16 15.0 | 1.862 | 2.843 | 4.2 | 19.4 | 10 18 | 2 14.21 | +15 52.4 | 2.014 | 2.996 | 4.0 | 20.1 |
| 10 28 | 2 4.52 | +16 6.7 | 1.851 | 2.844 | 1.1 | 19.2 | 10 28 | 2 4.53 | +15 52.1 | 2.025 | 3.018 | 1.0 | 19.9 |
| 11 7 | 1 55.46 | +15 54.2 | 1.870 | 2.845 | 4.5 | 19.4 | 11 7 | 1 55.19 | +15 48.0 | 2.066 | 3.040 | 4.2 | 20.2 |
| 11 17 | 1 47.52 | +15 41.5 | 1.917 | 2.846 | 8.3 | 19.7 | 11 17 | 1 47.05 | +15 43.5 | 2.136 | 3.062 | 7.8 | 20.4 |
| 11 27 | 1 41.48 | +15 33.0 | 1.989 | 2.847 | 11.8 | 19.9 | 11 27 | 1 40.80 | +15 42.2 | 2.232 | 3.084 | 10.9 | 20.7 |
| 202359 | 2005 <i>EH</i> ₂₁₈ | 10 26.9 102°43 | 6°6/21.2 18 | | | | 212796 | Guoyonghuai | 10 26.9 232°47 | 3°1/24.4 18 | | | |
| 9 18 | 2 32.29 | + 3 57.9 | 2.014 | 2.838 | 13.8 | 20.3 | 9 18 | 2 30.98 | + 7 0.2 | 1.896 | 2.719 | 14.6 | 20.4 |
| 9 28 | 2 27.70 | + 5 8.4 | 1.961 | 2.853 | 11.0 | 20.1 | 9 28 | 2 27.08 | + 6 16.7 | 1.817 | 2.717 | 11.4 | 20.2 |
| 10 8 | 2 21.12 | + 6 16.2 | 1.931 | 2.869 | 8.4 | 20.0 | 10 8 | 2 20.98 | + 5 26.6 | 1.761 | 2.716 | 7.7 | 19.9 |
| 10 18 | 2 13.14 | + 7 14.6 | 1.927 | 2.884 | 6.7 | 19.9 | 10 18 | 2 13.21 | + 4 34.3 | 1.731 | 2.714 | 4.2 | 19.7 |
| 10 28 | 2 4.62 | + 7 57.4 | 1.950 | 2.899 | 7.1 | 20.0 | 10 28 | 2 4.65 | + 3 45.7 | 1.728 | 2.713 | 3.4 | 19.7 |
| 11 7 | 1 56.47 | + 8 20.2 | 2.000 | 2.913 | 9.1 | 20.1 | 11 7 | 1 56.30 | + 3 6.5 | 1.753 | 2.711 | 6.7 | 19.9 |
| 11 17 | 1 49.50 | + 8 21.5 | 2.076 | 2.928 | 11.7 | 20.3 | 11 17 | 1 49.10 | + 2 41.2 | 1.805 | 2.709 | 10.4 | 20.1 |
| 11 27 | 1 44.34 | + 8 1.8 | 2.174 | 2.942 | 14.1 | 20.5 | 11 27 | 1 43.82 | + 2 32.5 | 1.880 | 2.707 | 13.7 | 20.3 |
| 45550 | 2000 <i>CX</i> ₄₆ | 10 26.9 157°86 | 0°6/26.2 18 | | | | 475816 | 2006 <i>YT</i> ₅₅ | 10 26.9 295°30 | 17°5/ 7.9 18 | | | |
| 9 18 | 2 28.19 | +13 12.1 | 2.749 | 3.544 | 11.3 | 19.7 | 9 18 | 2 42.34 | +50 35.7 | 1.696 | 2.309 | 23.2 | 21.2 |
| 9 28 | 2 24.18 | +12 35.9 | 2.665 | 3.548 | 8.8 | 19.6 | 9 28 | 2 39.44 | +52 54.5 | 1.599 | 2.287 | 22.0 | 21.0 |
| 10 8 | 2 18.62 | +11 51.6 | 2.604 | 3.553 | 5.9 | 19.4 | 10 8 | 2 31.81 | +54 50.4 | 1.515 | 2.265 | 20.5 | 20.8 |
| 10 18 | 2 11.95 | +11 1.6 | 2.571 | 3.556 | 2.8 | 19.2 | 10 18 | 2 19.49 | +56 11.6 | 1.446 | 2.243 | 19.1 | 20.6 |
| 10 28 | 2 4.78 | +10 9.4 | 2.567 | 3.560 | 0.9 | 19.0 | 10 28 | 2 3.76 | +56 45.9 | 1.393 | 2.221 | 18.0 | 20.5 |
| 11 7 | 1 57.77 | + 9 19.2 | 2.594 | 3.563 | 3.9 | 19.3 | 11 7 | 1 47.15 | +56 27.0 | 1.359 | 2.199 | 17.5 | 20.4 |
| 11 17 | 1 51.56 | + 8 34.8 | 2.651 | 3.566 | 7.0 | 19.5 | 11 17 | 1 32.64 | +55 16.6 | 1.343 | 2.177 | 17.9 | 20.4 |
| 11 27 | 1 46.67 | + 7 59.6 | 2.734 | 3.569 | 9.7 | 19.7 | 11 27 | 1 22.70 | +53 26.4 | 1.346 | 2.156 | 19.1 | 20.4 |
| 452741 | 2006 <i>BJ</i> ₁₀₈ | 10 26.9 208°35 | 5°7/20.7 18 | | | | 450953 | 2008 <i>HC</i> ₅₈ | 10 26.9 282°39 | 1°6/25.1 18 | | | |
| 9 18 | 2 28.73 | + 4 37.1 | 2.581 | 3.399 | 11.3 | 21.6 | 9 18 | 2 28.16 | +14 55.9 | 2.060 | 2.866 | 14.2 | 21.1 |
| 9 28 | 2 24.68 | + 5 40.4 | 2.507 | 3.396 | 9.1 | 21.5 | 9 28 | 2 24.91 | +13 23.8 | 1.954 | 2.846 | 11.1 | 20.8 |
| 10 8 | 2 19.00 | + 6 41.8 | 2.458 | 3.392 | 7.0 | 21.3 | 10 8 | 2 19.56 | +11 33.9 | 1.872 | 2.825 | 7.5 | 20.6 |
| 10 18 | 2 12.15 | + 7 36.3 | 2.435 | 3.388 | 5.7 | 21.2 | 10 18 | 2 12.58 | + 9 30.5 | 1.817 | 2.804 | 3.6 | 20.3 |
| 10 28 | 2 4.76 | + 8 18.8 | 2.440 | 3.384 | 6.2 | 21.3 | 10 28 | 2 4.73 | + 7 21.2 | 1.793 | 2.783 | 2.1 | 20.1 |
| 11 7 | 1 57.52 | + 8 45.2 | 2.473 | 3.380 | 7.9 | 21.4 | 11 7 | 1 56.97 | + 5 15.6 | 1.798 | 2.761 | 6.0 | 20.3 |
| 11 17 | 1 51.10 | + 8 53.6 | 2.533 | 3.375 | 10.2 | 21.5 | 11 17 | 1 50.20 | + 3 22.7 | 1.832 | 2.740 | 10.0 | 20.6 |
| 11 27 | 1 46.08 | + 8 43.7 | 2.615 | 3.371 | 12.3 | 21.7 | 11 27 | 1 45.18 | + 1 49.7 | 1.892 | 2.718 | 13.7 | 20.7 |
| 257008 | 2008 <i>EX</i> ₁₅₉ | 10 26.9 1°31 | 0°4/26.6 18 | | | | 107815 | 2001 <i>FR</i> ₆₀ | 10 26.9 136°97 | 0°7/26.3 18 | | | |
| 9 18 | 2 30.83 | +13 14.1 | 1.936 | 2.745 | 14.8 | 20.9 | 9 18 | 2 33.25 | +12 32.8 | 2.027 | 2.831 | 14.5 | 20.5 |
| 9 28 | 2 26.99 | +13 0.4 | 1.854 | 2.745 | 11.7 | 20.6 | 9 28 | 2 28.69 | +12 11.7 | 1.950 | 2.838 | 11.3 | 20.3 |
| 10 8 | 2 20.93 | +12 36.9 | 1.794 | 2.745 | 7.9 | 20.4 | 10 8 | 2 21.97 | +11 41.4 | 1.895 | 2.845 | 7.7 | 20.1 |
| 10 18 | 2 13.19 | +12 5.8 | 1.759 | 2.745 | 3.8 | 20.2 | 10 18 | 2 13.66 | +11 4.5 | 1.866 | 2.852 | 3.6 | 19.9 |
| 10 28 | 2 4.63 | +11 30.9 | 1.752 | 2.745 | 0.7 | 19.9 | 10 28 | 2 4.62 | +10 24.8 | 1.865 | 2.858 | 1.0 | 19.7 |
| 11 7 | 1 56.26 | +10 56.8 | 1.773 | 2.746 | 5.0 | 20.3 | 11 7 | 1 55.84 | + 9 47.3 | 1.894 | 2.864 | 5.0 | 20.0 |
| 11 17 | 1 49.04 | +10 28.6 | 1.822 | 2.746 | 9.0 | 20.5 | 11 17 | 1 48.21 | + 9 16.5 | 1.950 | 2.869 | 8.8 | 20.2 |
| 11 27 | 1 43.73 | +10 10.3 | 1.895 | 2.747 | 12.5 | 20.7 | 11 27 | 1 42.47 | + 8 56.5 | 2.032 | 2.875 | 12.2 | 20.5 |
| 77276 | 2001 <i>FX</i> ₅₇ | 10 26.9 154°12 | 6°0/21.8 18 | | | | 290622 | 2005 <i>UC</i> ₂₃₀ | 10 26.9 77°41 | 1°8/25.7 17 | | | |
| 9 18 | 2 33.28 | + 3 23.7 | 2.131 | 2.950 | 13.3 | 19.7 | 9 18 | 2 36.36 | +10 34.7 | 1.532 | 2.352 | 17.6 | 20.7 |
| 9 28 | 2 28.48 | + 4 18.8 | 2.064 | 2.955 | 10.7 | 19.5 | 9 28 | 2 31.51 | +10 5.4 | 1.478 | 2.376 | 13.6 | 20.5 |
| 10 8 | 2 21.69 | + 5 11.9 | 2.021 | 2.960 | 8.0 | 19.3 | 10 8 | 2 24.00 | + 9 26.7 | 1.445 | 2.399 | 9.1 | 20.3 |
| 10 18 | 2 13.46 | + 5 57.3 | 2.004 | 2.965 | 6.2 | 19.2 | 10 18 | 2 14.61 | + 8 42.7 | 1.436 | 2.422 | 4.3 | 20.1 |
| 10 28 | 2 4.61 | + 6 29.3 | 2.015 | 2.969 | 6.5 | 19.3 | 10 28 | 2 4.52 | + 7 59.2 | 1.454 | 2.445 | 2.1 | 20.0 |
| 11 7 | 1 56.03 | + 6 43.8 | 2.053 | 2.973 | 8.5 | 19.4 | 11 7 | 1 55.00 | + 7 22.5 | 1.499 | 2.467 | 6.3 | 20.3 |
| 11 17 | 1 48.56 | + 6 39.0 | 2.118 | 2.977 | 11.2 | 19.6 | 11 17 | 1 47.12 | + 6 57.6 | 1.571 | 2.489 | 10.6 | 20.6 |
| 11 27 | 1 42.85 | + 6 15.0 | 2.206 | 2.980 | 13.7 | 19.8 | 11 27 | 1 41.66 | + 6 47.7 | 1.667 | 2.511 | 14.3 | 20.9 |
| 320286 | 2007 <i>RR</i> ₁₈₈ | 10 26.9 8°76 | 0°7/27.9 18 | | | | 514157 | 2015 <i>KH</i> ₁₆₅ | 10 26.9 135°18 | 2°3/25.0 18 | | | |
| 9 18 | 2 23.29 | +17 20.1 | 4.168 | 4.940 | 8.1 | 21.5 | 9 18 | 2 32.75 | + 7 49.4 | 2.096 | 2.908 | 13.8 | 21.7 |
| 9 28 | 2 19.92 | +17 14.2 | 4.074 | 4.941 | 6.4 | 21.4 | 9 28 | 2 28.18 | + 7 20.7 | 2.021 | 2.915 | 10.7 | 21.5 |
| 10 8 | 2 15.54 | +17 2.2 | 4.004 | 4.941 | 4.5 | 21.3 | 10 8 | 2 21.56 | + 6 46.4 | 1.969 | 2.921 | 7.2 | 21.3 |
| 10 18 | 2 10.43 | +16 45.0 | 3.962 | 4.942 | 2.4 | 21.1 | 10 18 | 2 13.45 | + 6 9.8 | 1.943 | 2.928 | 3.7 | 21.1 |
| 10 28 | 2 4.98 | +16 23.9 | 3.950 | 4.942 | 0.7 | 21.0 | 10 28 | 2 4.66 | + 5 35.4 | 1.946 | 2.934 | 2.6 | 21.1 |
| 11 7 | 1 59.61 | +16 1.0 | 3.969 | 4.943 | 2.4 | 21.1 | 11 7 | 1 56.12 | + 5 7.7 | 1.978 | 2.939 | 5.7 | 21.3 |
| 11 17 | 1 54.70 | +15 38.2 | 4.018 | 4.944 | 4.5 | 21.3 | 11 17 | 1 48.69 | + 4 50.3 | 2.037 | 2.945 | 9.2 | 21.5 |
| 11 27 | 1 50.63 | +15 17.8 | 4.096 | 4.945 | 6.4 | 21.4 | 11 27 | | | | | | |

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|--------|-----------------------|-----------------|--------------|-------|---------|------|--------|------------------------|-----------------|-------------|-------|---------|------|
| 283638 | 2002 FL ₂₂ | 10 26.9 163°31' | 6°0/21.9 18 | | | | 351163 | 2004 AO ₆ | 10 26.9 345°82' | 2°1/25.5 18 | | | |
| 9 18 | 2 33.46 | — 2 18.0 | 2.003 | 2.825 | 14.0 | 20.8 | 9 18 | 2 30.45 | + 9 35.7 | 1.609 | 2.440 | 16.4 | 20.8 |
| 9 28 | 2 28.79 | — 3 18.0 | 1.935 | 2.829 | 11.1 | 20.6 | 9 28 | 2 27.17 | + 9 11.0 | 1.532 | 2.435 | 12.9 | 20.5 |
| 10 8 | 2 21.99 | — 4 17.1 | 1.890 | 2.832 | 8.3 | 20.4 | 10 8 | 2 21.32 | + 8 37.5 | 1.474 | 2.431 | 8.7 | 20.3 |
| 10 18 | 2 13.66 | — 5 9.1 | 1.871 | 2.835 | 6.3 | 20.3 | 10 18 | 2 13.50 | + 7 58.8 | 1.441 | 2.428 | 4.3 | 20.0 |
| 10 28 | 2 4.64 | — 5 47.8 | 1.880 | 2.838 | 6.5 | 20.3 | 10 28 | 2 4.69 | + 7 20.5 | 1.435 | 2.425 | 2.4 | 19.9 |
| 11 7 | 1 55.90 | — 6 8.4 | 1.916 | 2.840 | 8.8 | 20.5 | 11 7 | 1 56.09 | + 6 48.6 | 1.455 | 2.423 | 6.5 | 20.1 |
| 11 17 | 1 48.32 | — 6 8.6 | 1.978 | 2.842 | 11.6 | 20.7 | 11 17 | 1 48.82 | + 6 28.2 | 1.500 | 2.421 | 10.9 | 20.4 |
| 11 27 | 1 42.60 | — 5 48.5 | 2.063 | 2.844 | 14.3 | 20.9 | 11 27 | 1 43.77 | + 6 23.1 | 1.569 | 2.419 | 14.8 | 20.6 |
| 205982 | 2002 NN ₄₅ | 10 26.9 194°63' | 13°6/13.1 18 | | | | 353578 | 2011 SY ₂₅₉ | 10 26.9 176°14' | 0°4/27.3 18 | | | |
| 9 18 | 2 34.41 | —26 2.2 | 1.984 | 2.761 | 15.6 | 19.7 | 9 18 | 2 30.95 | +16 46.0 | 2.107 | 2.901 | 14.3 | 21.4 |
| 9 28 | 2 29.72 | —27 46.2 | 1.945 | 2.761 | 14.4 | 19.7 | 9 28 | 2 26.93 | +16 19.7 | 2.021 | 2.902 | 11.3 | 21.2 |
| 10 8 | 2 22.70 | —29 11.3 | 1.926 | 2.760 | 13.7 | 19.6 | 10 8 | 2 20.83 | +15 41.0 | 1.958 | 2.902 | 7.8 | 21.0 |
| 10 18 | 2 14.00 | —30 8.5 | 1.928 | 2.759 | 13.7 | 19.6 | 10 18 | 2 13.16 | +14 51.5 | 1.919 | 2.903 | 3.9 | 20.8 |
| 10 28 | 2 4.60 | —30 30.9 | 1.952 | 2.758 | 14.4 | 19.7 | 10 28 | 2 4.74 | +13 55.3 | 1.910 | 2.903 | 0.5 | 20.5 |
| 11 7 | 1 55.61 | —30 16.4 | 1.996 | 2.756 | 15.6 | 19.8 | 11 7 | 1 56.51 | +12 57.7 | 1.929 | 2.903 | 4.5 | 20.8 |
| 11 17 | 1 47.97 | —29 26.6 | 2.058 | 2.754 | 16.9 | 19.9 | 11 17 | 1 49.37 | +12 4.2 | 1.977 | 2.903 | 8.3 | 21.1 |
| 11 27 | 1 42.41 | —28 6.3 | 2.136 | 2.753 | 18.3 | 20.0 | 11 27 | 1 44.02 | +11 20.3 | 2.051 | 2.903 | 11.7 | 21.3 |
| 373162 | 2012 CH ₅₇ | 10 26.9 156°00' | 3°4/29.6 17 | | | | 351356 | 2005 BJ ₂₃ | 10 26.9 243°59' | 2°8/29.1 18 | | | |
| 9 18 | 2 37.16 | +24 7.5 | 1.749 | 2.519 | 17.7 | 21.6 | 9 18 | 2 33.91 | +21 48.1 | 2.105 | 2.875 | 15.1 | 21.9 |
| 9 28 | 2 32.35 | +24 4.2 | 1.668 | 2.526 | 14.5 | 21.4 | 9 28 | 2 29.54 | +21 56.8 | 2.003 | 2.863 | 12.3 | 21.7 |
| 10 8 | 2 24.79 | +23 41.6 | 1.607 | 2.533 | 10.7 | 21.2 | 10 8 | 2 22.82 | +21 51.5 | 1.922 | 2.851 | 9.0 | 21.5 |
| 10 18 | 2 15.13 | +22 58.9 | 1.569 | 2.539 | 6.6 | 21.0 | 10 18 | 2 14.22 | +21 31.5 | 1.866 | 2.838 | 5.4 | 21.3 |
| 10 28 | 2 4.47 | +21 58.5 | 1.558 | 2.544 | 3.5 | 20.8 | 10 28 | 2 4.59 | +20 57.9 | 1.838 | 2.825 | 2.8 | 21.1 |
| 11 7 | 1 54.13 | +20 46.5 | 1.575 | 2.549 | 5.3 | 21.0 | 11 7 | 1 55.00 | +20 14.6 | 1.838 | 2.811 | 4.7 | 21.2 |
| 11 17 | 1 45.30 | +19 31.1 | 1.620 | 2.553 | 9.3 | 21.2 | 11 17 | 1 46.48 | +19 26.9 | 1.867 | 2.797 | 8.4 | 21.4 |
| 11 27 | 1 38.90 | +18 21.0 | 1.691 | 2.556 | 13.1 | 21.4 | 11 27 | 1 39.91 | +18 41.4 | 1.922 | 2.783 | 11.9 | 21.6 |
| 160263 | 2002 RE ₁₃ | 10 26.9 2°36' | 6°0/31.4 17 | | | | 12751 | Kamihayashi | 10 26.9 170°19' | 1°4/25.9 18 | | | |
| 9 18 | 2 35.67 | +28 45.7 | 2.184 | 2.918 | 15.6 | 18.8 | 9 18 | 2 35.38 | +11 15.9 | 1.951 | 2.756 | 14.9 | 18.4 |
| 9 28 | 2 31.01 | +29 51.0 | 2.094 | 2.917 | 13.3 | 18.6 | 9 28 | 2 30.48 | +10 47.0 | 1.871 | 2.760 | 11.7 | 18.2 |
| 10 8 | 2 23.87 | +30 41.9 | 2.024 | 2.917 | 10.6 | 18.4 | 10 8 | 2 23.27 | +10 9.1 | 1.812 | 2.763 | 7.9 | 18.0 |
| 10 18 | 2 14.74 | +31 15.1 | 1.978 | 2.918 | 7.9 | 18.3 | 10 18 | 2 14.34 | + 9 25.0 | 1.780 | 2.766 | 3.8 | 17.7 |
| 10 28 | 2 4.51 | +31 28.4 | 1.959 | 2.918 | 6.2 | 18.2 | 10 28 | 2 4.60 | + 8 39.4 | 1.776 | 2.768 | 1.7 | 17.6 |
| 11 7 | 1 54.30 | +31 23.1 | 1.967 | 2.919 | 6.5 | 18.2 | 11 7 | 1 55.10 | + 7 57.8 | 1.802 | 2.769 | 5.5 | 17.8 |
| 11 17 | 1 45.23 | +31 2.9 | 2.002 | 2.921 | 8.7 | 18.3 | 11 17 | 1 46.82 | + 7 25.0 | 1.855 | 2.770 | 9.5 | 18.1 |
| 11 27 | 1 38.23 | +30 34.1 | 2.063 | 2.922 | 11.3 | 18.5 | 11 27 | 1 40.55 | + 7 5.0 | 1.934 | 2.770 | 13.0 | 18.3 |
| 486759 | 2014 FT ₆₂ | 10 26.9 224°94' | 3°4/29.1 18 | | | | 444604 | 2006 UT ₂₂₆ | 10 26.9 22°52' | 0°4/27.2 18 | | | |
| 9 18 | 2 39.09 | +20 58.9 | 2.051 | 2.816 | 15.6 | 20.8 | 9 18 | 2 32.92 | +14 16.7 | 1.777 | 2.585 | 16.0 | 20.7 |
| 9 28 | 2 33.70 | +21 42.9 | 1.955 | 2.810 | 12.8 | 20.6 | 9 28 | 2 28.87 | +14 22.4 | 1.699 | 2.588 | 12.7 | 20.5 |
| 10 8 | 2 25.71 | +22 15.9 | 1.879 | 2.804 | 9.4 | 20.3 | 10 8 | 2 22.35 | +14 17.9 | 1.642 | 2.591 | 8.7 | 20.2 |
| 10 18 | 2 15.64 | +22 35.7 | 1.829 | 2.798 | 5.9 | 20.1 | 10 18 | 2 13.95 | +14 4.6 | 1.610 | 2.595 | 4.3 | 20.0 |
| 10 28 | 2 4.40 | +22 41.8 | 1.806 | 2.791 | 3.4 | 19.9 | 10 28 | 2 4.64 | +13 45.3 | 1.605 | 2.598 | 0.5 | 19.7 |
| 11 7 | 1 53.16 | +22 36.1 | 1.814 | 2.784 | 5.2 | 20.0 | 11 7 | 1 55.56 | +13 24.3 | 1.628 | 2.602 | 5.0 | 20.1 |
| 11 17 | 1 43.09 | +22 22.5 | 1.849 | 2.776 | 8.7 | 20.2 | 11 17 | 1 47.76 | +13 6.3 | 1.678 | 2.607 | 9.3 | 20.3 |
| 11 27 | 1 35.17 | +22 6.7 | 1.911 | 2.769 | 12.2 | 20.5 | 11 27 | 1 42.11 | +12 56.0 | 1.752 | 2.611 | 13.0 | 20.6 |
| 151351 | Dalleore | 10 26.9 33°70' | 0°5/26.5 18 | | | | 57398 | 2001 RN ₈₇ | 10 26.9 206°36' | 1°5/25.7 18 | | | |
| 9 18 | 2 29.51 | +13 34.2 | 1.816 | 2.632 | 15.4 | 19.9 | 9 18 | 2 31.54 | +12 45.6 | 1.670 | 2.490 | 16.4 | 19.9 |
| 9 28 | 2 26.02 | +13 10.6 | 1.746 | 2.640 | 12.1 | 19.7 | 9 28 | 2 27.90 | +11 56.8 | 1.591 | 2.488 | 12.9 | 19.6 |
| 10 8 | 2 20.28 | +12 36.1 | 1.696 | 2.649 | 8.2 | 19.5 | 10 8 | 2 21.75 | +10 54.7 | 1.533 | 2.487 | 8.7 | 19.4 |
| 10 18 | 2 12.89 | +11 53.6 | 1.672 | 2.658 | 3.9 | 19.3 | 10 18 | 2 13.68 | + 9 43.3 | 1.499 | 2.486 | 4.1 | 19.1 |
| 10 28 | 2 4.75 | +11 7.6 | 1.675 | 2.668 | 0.9 | 19.1 | 10 28 | 2 4.68 | + 8 29.3 | 1.493 | 2.484 | 1.9 | 19.0 |
| 11 7 | 1 56.91 | +10 23.7 | 1.706 | 2.678 | 5.1 | 19.4 | 11 7 | 1 55.93 | + 7 20.5 | 1.514 | 2.483 | 6.2 | 19.3 |
| 11 17 | 1 50.31 | + 9 47.4 | 1.763 | 2.689 | 9.2 | 19.7 | 11 17 | 1 48.52 | + 6 23.9 | 1.562 | 2.481 | 10.7 | 19.5 |
| 11 27 | 1 45.66 | + 9 22.8 | 1.846 | 2.699 | 12.7 | 19.9 | 11 27 | 1 43.29 | + 5 44.8 | 1.634 | 2.479 | 14.5 | 19.8 |
| 171841 | 2001 JK ₁₀ | 10 26.9 103°45' | 3°4/24.5 18 | | | | 340474 | 2006 HB ₄₇ | 10 26.9 261°46' | 1°5/25.7 18 | | | |
| 9 18 | 2 36.15 | + 3 38.4 | 1.994 | 2.808 | 14.3 | 20.6 | 9 18 | 2 31.11 | +11 53.1 | 1.855 | 2.670 | 15.2 | 21.5 |
| 9 28 | 2 30.80 | + 3 18.1 | 1.930 | 2.823 | 11.2 | 20.4 | 9 28 | 2 27.45 | +11 12.3 | 1.762 | 2.657 | 11.9 | 21.3 |
| 10 8 | 2 23.30 | + 2 55.9 | 1.887 | 2.838 | 7.7 | 20.2 | 10 8 | 2 21.43 | +10 20.0 | 1.691 | 2.645 | 8.1 | 21.0 |
| 10 18 | 2 14.27 | + 2 35.5 | 1.871 | 2.852 | 4.4 | 20.0 | 10 18 | 2 13.56 | + 9 19.5 | 1.645 | 2.632 | 3.9 | 20.7 |
| 10 28 | 2 4.59 | + 2 21.2 | 1.884 | 2.866 | 3.7 | 20.0 | 10 28 | 2 4.71 | + 8 16.3 | 1.627 | 2.619 | 1.9 | 20.6 |
| 11 7 | 1 55.28 | + 2 16.7 | 1.926 | 2.880 | 6.5 | 20.2 | 11 7 | 1 55.97 | + 7 17.2 | 1.638 | 2.605 | 5.9 | 20.8 |
| 11 17 | 1 47.22 | + 2 24.2 | 1.995 | 2.894 | 9.9 | 20.4 | 11 17 | 1 48.36 | + 6 28.4 | 1.675 | 2.592 | 10.2 | 21.0 |
| 11 27 | 1 41.10 | + 2 44.8 | 2.089 | 2.907 | 12.9 | 20.7 | 11 27 | 1 42.74 | + 5 54.9 | 1.737 | 2.578 | 14.0 | 21.3 |
| 81877 | 2000 LQ ₇ | 10 26.9 160°11' | 1°5/28.6 18 | | | | 272550 | 2005 UK ₃₉₇ | 10 26.9 5°41' | 2°4/25.4 18 | | | |
| 9 18 | 2 31.22 | +21 26.4 | 2.568 | 3.332 | 12.8 | 20.2 | 9 18 | 2 33.30 | + 6 29.9 | 1.821 | 2.643 | 15.1 | 20.4 |
| 9 28 | 2 26.72 | +20 55.1 | 2.479 | 3.339 | 10.3 | 20.0 | 9 28 | 2 29.02 | + 6 25.6 | 1.745 | 2.643 | 11.9 | 20.1 |
| 10 8 | 2 20.45 | +20 10.2 | 2.413 | 3.345 | 7.3 | 19.9 | 10 8 | 2 22.39 | + 6 17.4 | 1.690 | 2.644 | 8.1 | 19.9 |
| 10 18 | 2 12.90 | +19 12.9 | 2.374 | 3.350 | 4.1 | 19.7 | 10 18 | 2 13.97 | + 6 8.4 | 1.660 | 2.645 | 4.1 | 19.7 |
| 10 28 | 2 4.76 | +18 6.3 | 2.364 | 3.355 | 1.5 | 19.5 | 10 28 | 2 4.68 | + 6 2.3 | 1.657 | 2.646 | 2.7 | 19.6 |
| 11 7 | 1 56.84 | +16 55.2 | 2.385 | 3.359 | 3.7 | 19.7 | 11 7 | 1 55.62 | + 6 2.8 | 1.683 | | | |

EPHEMERIDES

10 26.9

10 26.9

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|--------------|-------|---------|------|
| 398921 | 2013 <i>CL</i> ₁₇₁ | 10 26.9 328°34 | 5°0/22.4 18 | | | | 38219 | 1999 <i>NW</i> ₁₉ | 10 26.9 70°84 | 10°1/ 5.9 18 | | | |
| 9 18 | 2 27.78 | + 3 56.3 | 1.764 | 2.602 | 14.9 | 21.3 | 9 18 | 2 38.23 | +41 14.6 | 1.735 | 2.415 | 20.8 | 18.6 |
| 9 28 | 2 24.78 | + 2 34.8 | 1.689 | 2.597 | 11.6 | 21.1 | 9 28 | 2 33.76 | +42 1.7 | 1.671 | 2.437 | 18.4 | 18.5 |
| 10 8 | 2 19.53 | + 1 6.8 | 1.637 | 2.592 | 8.2 | 20.9 | 10 8 | 2 26.02 | +42 20.1 | 1.622 | 2.460 | 15.7 | 18.4 |
| 10 18 | 2 12.60 | - 0 20.7 | 1.610 | 2.588 | 5.4 | 20.7 | 10 18 | 2 15.81 | +42 4.4 | 1.591 | 2.482 | 12.9 | 18.2 |
| 10 28 | 2 4.85 | - 1 39.3 | 1.610 | 2.583 | 5.6 | 20.7 | 10 28 | 2 4.52 | +41 12.7 | 1.583 | 2.504 | 10.8 | 18.2 |
| 11 7 | 1 57.32 | - 2 41.3 | 1.637 | 2.579 | 8.6 | 20.9 | 11 7 | 1 53.80 | +39 49.1 | 1.599 | 2.525 | 10.1 | 18.2 |
| 11 17 | 1 50.95 | - 3 21.7 | 1.689 | 2.575 | 12.1 | 21.1 | 11 17 | 1 45.05 | +38 2.8 | 1.641 | 2.547 | 11.1 | 18.3 |
| 11 27 | 1 46.50 | - 3 38.2 | 1.764 | 2.572 | 15.3 | 21.3 | 11 27 | 1 39.25 | +36 6.1 | 1.707 | 2.569 | 13.2 | 18.5 |
| 412841 | 2014 <i>PY</i> ₅₀ | 10 26.9 82°60 | 1°8/25.3 18 | | | | 355018 | 2006 <i>QE</i> ₁₁₃ | 10 26.9 58°06 | 3°9/30.1 18 | | | |
| 9 18 | 2 29.56 | + 9 30.6 | 2.217 | 3.029 | 13.1 | 21.1 | 9 18 | 2 33.34 | +24 45.5 | 1.727 | 2.502 | 17.7 | 20.5 |
| 9 28 | 2 25.65 | + 8 58.2 | 2.138 | 3.033 | 10.2 | 20.9 | 9 28 | 2 29.29 | +24 55.0 | 1.661 | 2.520 | 14.5 | 20.3 |
| 10 8 | 2 19.85 | + 8 18.9 | 2.083 | 3.036 | 6.8 | 20.7 | 10 8 | 2 22.65 | +24 45.7 | 1.614 | 2.538 | 10.8 | 20.1 |
| 10 18 | 2 12.67 | + 7 36.0 | 2.054 | 3.039 | 3.4 | 20.5 | 10 18 | 2 14.10 | +24 16.8 | 1.590 | 2.557 | 6.8 | 20.0 |
| 10 28 | 2 4.85 | + 6 53.8 | 2.053 | 3.043 | 2.1 | 20.4 | 10 28 | 2 4.73 | +23 30.6 | 1.592 | 2.576 | 4.0 | 19.8 |
| 11 7 | 1 57.23 | + 6 16.8 | 2.082 | 3.046 | 5.2 | 20.6 | 11 7 | 1 55.77 | +22 32.6 | 1.622 | 2.594 | 5.3 | 20.0 |
| 11 17 | 1 50.59 | + 5 49.2 | 2.138 | 3.050 | 8.6 | 20.9 | 11 17 | 1 48.30 | +21 30.2 | 1.679 | 2.613 | 8.8 | 20.2 |
| 11 27 | 1 45.59 | + 5 33.7 | 2.220 | 3.053 | 11.7 | 21.1 | 11 27 | 1 43.13 | +20 31.3 | 1.761 | 2.632 | 12.3 | 20.5 |
| 475875 | 2007 <i>CT</i> ₃₅ | 10 26.9 280°40 | 2°3/28.5 18 | | | | 135060 | 2001 <i>ON</i> ₁₀₁ | 10 26.9 33°71 | 0°5/26.6 18 | | | |
| 9 18 | 2 33.44 | +19 43.7 | 1.595 | 2.394 | 17.9 | 21.7 | 9 18 | 2 31.72 | +13 6.6 | 1.740 | 2.555 | 16.0 | 19.7 |
| 9 28 | 2 29.96 | +19 49.8 | 1.500 | 2.380 | 14.6 | 21.5 | 9 28 | 2 27.93 | +12 53.8 | 1.666 | 2.560 | 12.6 | 19.5 |
| 10 8 | 2 23.56 | +19 39.7 | 1.425 | 2.366 | 10.5 | 21.2 | 10 8 | 2 21.72 | +12 30.6 | 1.613 | 2.565 | 8.5 | 19.3 |
| 10 18 | 2 14.76 | +19 12.7 | 1.372 | 2.351 | 5.9 | 20.9 | 10 18 | 2 13.68 | +11 59.3 | 1.585 | 2.571 | 4.1 | 19.0 |
| 10 28 | 2 4.60 | +18 30.9 | 1.345 | 2.336 | 2.4 | 20.7 | 10 28 | 2 4.78 | +11 24.2 | 1.583 | 2.576 | 0.8 | 18.8 |
| 11 7 | 1 54.46 | +17 39.6 | 1.346 | 2.322 | 5.6 | 20.8 | 11 7 | 1 56.16 | +10 50.5 | 1.610 | 2.582 | 5.3 | 19.1 |
| 11 17 | 1 45.69 | +16 46.5 | 1.372 | 2.307 | 10.4 | 21.1 | 11 17 | 1 48.84 | +10 23.4 | 1.663 | 2.589 | 9.6 | 19.4 |
| 11 27 | 1 39.42 | +15 59.7 | 1.422 | 2.293 | 14.8 | 21.3 | 11 27 | 1 43.63 | +10 7.2 | 1.740 | 2.595 | 13.3 | 19.6 |
| 157038 | 2003 <i>SW</i> ₃₂ | 10 26.9 64°63 | 2°6/24.5 18 | | | | 520663 | 2014 <i>QN</i> ₃₉₈ | 10 26.9 10°08 | 3°7/23.4 18 | | | |
| 9 18 | 2 28.89 | + 7 33.7 | 2.165 | 2.984 | 13.2 | 19.8 | 9 18 | 2 24.16 | + 8 29.1 | 1.724 | 2.564 | 15.1 | 20.1 |
| 9 28 | 2 25.08 | + 6 48.0 | 2.098 | 2.996 | 10.2 | 19.6 | 9 28 | 2 21.95 | + 7 0.6 | 1.656 | 2.567 | 11.7 | 19.9 |
| 10 8 | 2 19.42 | + 5 56.7 | 2.054 | 3.008 | 6.8 | 19.5 | 10 8 | 2 17.59 | + 5 21.7 | 1.611 | 2.571 | 7.9 | 19.6 |
| 10 18 | 2 12.45 | + 5 3.8 | 2.036 | 3.020 | 3.6 | 19.3 | 10 18 | 2 11.66 | + 3 39.4 | 1.592 | 2.576 | 4.4 | 19.5 |
| 10 28 | 2 4.91 | + 4 14.2 | 2.047 | 3.032 | 2.9 | 19.3 | 10 28 | 2 5.03 | + 2 2.6 | 1.600 | 2.582 | 4.3 | 19.5 |
| 11 7 | 1 57.64 | + 3 33.0 | 2.086 | 3.045 | 5.8 | 19.5 | 11 7 | 1 58.67 | + 0 39.6 | 1.635 | 2.588 | 7.5 | 19.7 |
| 11 17 | 1 51.40 | + 3 3.8 | 2.154 | 3.057 | 9.0 | 19.7 | 11 17 | 1 53.47 | - 0 23.3 | 1.695 | 2.596 | 11.2 | 19.9 |
| 11 27 | 1 46.78 | + 2 49.1 | 2.245 | 3.069 | 11.9 | 19.9 | 11 27 | 1 50.12 | - 1 2.8 | 1.779 | 2.604 | 14.4 | 20.1 |
| 85443 | 1997 <i>GZ</i> ₄ | 10 26.9 58°73 | 1°0/26.3 18 | | | | 263358 | 2008 <i>CX</i> ₁₄₂ | 10 26.9 253°40 | 1°5/25.8 18 | | | |
| 9 18 | 2 34.43 | +13 33.0 | 1.312 | 2.141 | 19.5 | 19.9 | 9 18 | 2 33.83 | +11 56.7 | 1.643 | 2.460 | 16.7 | 21.6 |
| 9 28 | 2 30.49 | +12 59.1 | 1.260 | 2.162 | 15.2 | 19.7 | 9 28 | 2 29.98 | +11 22.3 | 1.550 | 2.447 | 13.2 | 21.4 |
| 10 8 | 2 23.57 | +12 11.1 | 1.228 | 2.184 | 10.2 | 19.5 | 10 8 | 2 23.40 | +10 35.5 | 1.479 | 2.433 | 9.0 | 21.1 |
| 10 18 | 2 14.53 | +11 13.4 | 1.219 | 2.206 | 4.8 | 19.3 | 10 18 | 2 14.63 | + 9 39.4 | 1.432 | 2.418 | 4.3 | 20.8 |
| 10 28 | 2 4.67 | +10 13.0 | 1.235 | 2.228 | 1.4 | 19.1 | 10 28 | 2 4.66 | + 8 39.8 | 1.411 | 2.403 | 1.9 | 20.6 |
| 11 7 | 1 55.44 | + 9 18.2 | 1.277 | 2.250 | 6.5 | 19.5 | 11 7 | 1 54.76 | + 7 44.0 | 1.419 | 2.388 | 6.5 | 20.8 |
| 11 17 | 1 48.05 | + 8 35.8 | 1.345 | 2.272 | 11.3 | 19.8 | 11 17 | 1 46.17 | + 6 58.9 | 1.453 | 2.372 | 11.2 | 21.1 |
| 11 27 | 1 43.32 | + 8 10.7 | 1.435 | 2.294 | 15.4 | 20.1 | 11 27 | 1 39.90 | + 6 30.2 | 1.510 | 2.356 | 15.5 | 21.3 |
| 224874 | 2007 <i>BR</i> ₃₈ | 10 26.9 293°13 | 1°8/25.7 18 | | | | 145985 | 2000 <i>AJ</i> ₂₁₅ | 10 26.9 254°53 | 1°2/27.8 18 | | | |
| 9 18 | 2 31.78 | +11 20.1 | 1.505 | 2.334 | 17.4 | 21.2 | 9 18 | 2 33.64 | +17 56.2 | 1.657 | 2.459 | 17.3 | 20.2 |
| 9 28 | 2 28.52 | +10 46.2 | 1.422 | 2.324 | 13.7 | 21.0 | 9 28 | 2 29.87 | +17 45.9 | 1.566 | 2.449 | 13.9 | 19.9 |
| 10 8 | 2 22.45 | + 9 59.9 | 1.359 | 2.315 | 9.3 | 20.7 | 10 8 | 2 23.34 | +17 19.9 | 1.495 | 2.439 | 9.8 | 19.6 |
| 10 18 | 2 14.15 | + 9 5.2 | 1.320 | 2.306 | 4.5 | 20.4 | 10 18 | 2 14.60 | +16 39.1 | 1.447 | 2.429 | 5.1 | 19.4 |
| 10 28 | 2 4.69 | + 8 8.3 | 1.306 | 2.298 | 2.2 | 20.2 | 10 28 | 2 4.67 | +15 46.8 | 1.426 | 2.418 | 1.2 | 19.1 |
| 11 7 | 1 55.40 | + 7 16.9 | 1.320 | 2.289 | 6.8 | 20.5 | 11 7 | 1 54.83 | +14 49.3 | 1.432 | 2.408 | 5.4 | 19.3 |
| 11 17 | 1 47.52 | + 6 37.9 | 1.359 | 2.280 | 11.7 | 20.8 | 11 17 | 1 46.35 | +13 54.0 | 1.465 | 2.397 | 10.2 | 19.6 |
| 11 27 | 1 42.06 | + 6 16.4 | 1.420 | 2.272 | 15.9 | 21.0 | 11 27 | 1 40.23 | +13 8.3 | 1.523 | 2.386 | 14.4 | 19.8 |
| 514672 | 2005 <i>UX</i> ₃₃₂ | 10 26.9 279°71 | 1°4/25.9 18 | | | | 22834 | 1999 <i>RL</i> ₇₆ | 10 26.9 225°34 | 2°3/25.2 18 | | | |
| 9 18 | 2 32.72 | +11 34.7 | 1.621 | 2.443 | 16.7 | 22.3 | 9 18 | 2 33.09 | +11 0.6 | 1.641 | 2.462 | 16.6 | 18.9 |
| 9 28 | 2 29.13 | +11 11.1 | 1.531 | 2.430 | 13.2 | 22.0 | 9 28 | 2 29.25 | +10 9.1 | 1.558 | 2.457 | 13.0 | 18.7 |
| 10 8 | 2 22.82 | +10 36.5 | 1.462 | 2.416 | 9.0 | 21.7 | 10 8 | 2 22.78 | + 9 5.2 | 1.495 | 2.450 | 8.8 | 18.4 |
| 10 18 | 2 14.34 | + 9 53.6 | 1.416 | 2.403 | 4.3 | 21.4 | 10 18 | 2 14.27 | + 7 53.3 | 1.457 | 2.444 | 4.3 | 18.1 |
| 10 28 | 2 4.67 | + 9 7.7 | 1.397 | 2.389 | 1.7 | 21.2 | 10 28 | 2 4.72 | + 6 40.4 | 1.447 | 2.437 | 2.7 | 18.0 |
| 11 7 | 1 55.08 | + 8 25.3 | 1.405 | 2.376 | 6.3 | 21.5 | 11 7 | 1 55.37 | + 5 34.6 | 1.464 | 2.429 | 6.8 | 18.3 |
| 11 17 | 1 46.79 | + 7 52.6 | 1.440 | 2.362 | 11.1 | 21.7 | 11 17 | 1 47.36 | + 4 42.8 | 1.507 | 2.421 | 11.3 | 18.5 |
| 11 27 | 1 40.82 | + 7 34.7 | 1.497 | 2.349 | 15.3 | 22.0 | 11 27 | 1 41.62 | + 4 10.1 | 1.574 | 2.413 | 15.3 | 18.7 |
| 426169 | 2012 <i>JK</i> ₂ | 10 26.9 91°21 | 5°0/23.6 16 | | | | 512570 | 2016 <i>SY</i> ₂₈ | 10 26.9 58°71 | 0°9/26.4 18 | | | |
| 9 18 | 2 34.34 | + 4 19.8 | 1.462 | 2.298 | 17.5 | 20.6 | 9 18 | 2 36.26 | +12 30.5 | 1.373 | 2.198 | 19.0 | 20.9 |
| 9 28 | 2 30.18 | + 3 17.6 | 1.403 | 2.310 | 13.6 | 20.4 | 9 28 | 2 31.77 | +12 14.3 | 1.323 | 2.222 | 14.8 | 20.7 |
| 10 8 | 2 23.29 | + 2 10.1 | 1.365 | 2.321 | 9.4 | 20.2 | 10 8 | 2 24.37 | +11 46.5 | 1.292 | 2.246 | 10.0 | 20.5 |
| 10 18 | 2 14.41 | + 1 4.4 | 1.352 | 2.332 | 5.8 | 20.1 | 10 18 | 2 14.91 | +11 10.6 | 1.284 | 2.271 | 4.7 | 20.2 |
| 10 28 | 2 4.69 | + 0 8.9 | 1.364 | 2.343 | 5.5 | 20.1 | 10 28 | 2 4.67 | +10 31.9 | 1.303 | 2.295 | 1.2 | 20.1 |
| 11 7 | 1 55.43 | - 0 29.4 | 1.403 | 2.354 | 8.8 | 20.3 | 11 7 | 1 55.06 | + 9 57.2 | 1.348 | 2.320 | 6.2 | 20.5 |
| 11 17 | 1 47.78 | - 0 46.3 | 1.467 | 2.365 | 12.8 | 20.6 | 11 17 | 1 47.28 | + 9 32.1 | 1.418 | 2.345 | 10.9 | 20.8 |
| 11 27 | 1 42.56 | - 0 40.6 | 1.552 | 2.375 | 16.3 | 20.8 | 11 27 | 1 42.11 | + 9 20.8 | 1.512 | 2.369 | 14.8 | 21.1 |
| 108166 | 2001 <i>HO</i> ₇ | 10 26.9 59°89 | 1°7/25.8 18 | | | | 198938 | 2005 <i>US</i> ₂₇₃ | 10 26.9 136°99 | 1°2/26.1 18 | | | |
| 9 18 | 2 36.15 | +12 11.6 | 1.273 | 2.104 | 19.9 | 19.6 | 9 18 | 2 35.86 | +10 42.5 | 1.905 | 2.712 | 15.2 | 20.3 |
| 9 28 | 2 31.73 | +11 29.5 | 1.230 | 2.133 | 15.4 | 19.4 | 9 28 | 2 30.89 | +10 29.7 | 1.830 | 2.720 | 11.9 | 20.1 |
| 10 8 | 2 24.31 | +10 34.8 | 1.206 | 2.162 | 10.2 | 19.2 | 10 8 | 2 23.59 | +10 9.3 | 1.777 | 2.727 | 8.0 | 19.9 |
| 10 18 | 2 14.83 | + 9 32.7 | 1.204 | 2.191 | 4.8 | 19.0 | 10 18 | 2 14.55 | + 9 43.6 | 1.749 | 2.734 | 3.8 | 19.7 |
| 10 28 | 2 4.65 | + 8 31.2 | 1.229 | 2.221 | 2.1 | 18.9 | 10 28 | 2 4.71 | + 9 16.6 | 1.749 | 2.741 | 1.5 | 19.5 |
| 11 7 | 1 55.24 | + 7 38.3 | 1.280 | 2.250 | 6.9 | 19.3 | 11 7 | 1 55.14 | + 8 52.8 | 1.779 | 2.748 | 5.4 | 19.8 |
| 11 17 | 1 47.78 | + 7 0.3 | 1.356 | 2.279 | 11.6 | 19.7 | 11 17 | 1 46.85 | + 8 36.4 | 1.836 | 2.754 | 9.4 | 20.0 |
| 11 27 | 1 43.03 | + 6 41.0 | 1.454 | 2.308 | 15. | | | | | | | | |

EPHEMERIDES

10 26.9

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|--------------|-------|---------|------|---------------|-------------------------------|-----------------|-------------|-------|---------|------|
| 223572 | 2004 <i>FU</i> ₃₈ | 10 26.9 182°82 | 0°3/26.7 18 | | | | 9257 | Kunisuke | 10 26.9 91°79 | 2°2/24.8 18 | | | |
| 9 18 | 2 33.25 | +16 10.3 | 1.913 | 2.710 | 15.4 | 20.5 | 9 18 | 2 28.68 | +9 46.2 | 2.181 | 2.995 | 13.2 | 17.3 |
| 9 28 | 2 28.96 | +15 24.1 | 1.828 | 2.711 | 12.2 | 20.3 | 9 28 | 2 24.97 | +8 49.3 | 2.108 | 3.003 | 10.2 | 17.2 |
| 10 8 | 2 22.35 | +14 23.3 | 1.764 | 2.712 | 8.3 | 20.1 | 10 8 | 2 19.41 | +7 44.3 | 2.058 | 3.011 | 6.9 | 17.0 |
| 10 18 | 2 13.98 | +13 10.6 | 1.726 | 2.711 | 4.0 | 19.8 | 10 18 | 2 12.50 | +6 35.4 | 2.034 | 3.019 | 3.4 | 16.8 |
| 10 28 | 2 4.78 | +11 51.5 | 1.717 | 2.710 | 0.6 | 19.6 | 10 28 | 2 5.01 | +5 28.2 | 2.040 | 3.027 | 2.5 | 16.7 |
| 11 7 | 1 55.82 | +10 33.1 | 1.737 | 2.709 | 5.1 | 19.9 | 11 7 | 1 57.76 | +4 28.3 | 2.074 | 3.035 | 5.6 | 16.9 |
| 11 17 | 1 48.08 | +9 22.5 | 1.785 | 2.707 | 9.4 | 20.1 | 11 17 | 1 51.52 | +3 40.5 | 2.137 | 3.043 | 8.9 | 17.2 |
| 11 27 | 1 42.36 | +8 25.8 | 1.859 | 2.704 | 13.0 | 20.4 | 11 27 | 1 46.90 | +3 7.9 | 2.224 | 3.051 | 11.9 | 17.4 |
| 288283 | 2004 <i>AF</i> ₁₀ | 10 26.9 42°07 | 16°7/ 8.9 18 | | | | 513766 | 2012 <i>XL</i> ₄₅ | 10 26.9 329°02 | 4°5/29.8 18 | | | |
| 9 18 | 2 34.31 | -33 59.1 | 1.823 | 2.574 | 17.7 | 19.8 | 9 18 | 2 32.78 | +23 20.9 | 1.561 | 2.351 | 18.7 | 20.5 |
| 9 28 | 2 29.99 | -35 59.7 | 1.806 | 2.579 | 17.0 | 19.7 | 9 28 | 2 29.57 | +23 56.2 | 1.474 | 2.343 | 15.5 | 20.2 |
| 10 8 | 2 23.04 | -37 32.9 | 1.807 | 2.584 | 16.7 | 19.7 | 10 8 | 2 23.38 | +24 14.5 | 1.405 | 2.334 | 11.6 | 20.0 |
| 10 18 | 2 14.24 | -38 29.5 | 1.825 | 2.589 | 16.9 | 19.8 | 10 18 | 2 14.73 | +24 13.2 | 1.358 | 2.327 | 7.5 | 19.7 |
| 10 28 | 2 4.77 | -38 43.7 | 1.861 | 2.595 | 17.5 | 19.8 | 10 28 | 2 4.72 | +23 52.2 | 1.336 | 2.319 | 4.6 | 19.6 |
| 11 7 | 1 55.86 | -38 14.8 | 1.912 | 2.601 | 18.4 | 19.9 | 11 7 | 1 54.78 | +23 15.5 | 1.340 | 2.312 | 6.2 | 19.6 |
| 11 17 | 1 48.57 | -37 6.2 | 1.979 | 2.607 | 19.4 | 20.0 | 11 17 | 1 46.30 | +22 29.9 | 1.369 | 2.306 | 10.2 | 19.9 |
| 11 27 | 1 43.63 | -35 24.3 | 2.058 | 2.613 | 20.3 | 20.2 | 11 27 | 1 40.40 | +21 44.1 | 1.423 | 2.300 | 14.3 | 20.1 |
| 125205 | 2001 <i>UW</i> ₁₄₅ | 10 26.9 65°02 | 0°6/26.5 18 | | | | 53615 | 2000 <i>CF</i> ₈₆ | 10 26.9 91°88 | 0°0/26.9 18 | | | |
| 9 18 | 2 35.58 | +13 15.9 | 1.447 | 2.268 | 18.4 | 20.1 | 9 18 | 2 37.20 | +14 51.3 | 1.647 | 2.451 | 17.3 | 19.0 |
| 9 28 | 2 31.19 | +12 57.8 | 1.392 | 2.288 | 14.4 | 19.9 | 9 28 | 2 32.15 | +14 35.7 | 1.586 | 2.473 | 13.5 | 18.8 |
| 10 8 | 2 23.99 | +12 27.5 | 1.356 | 2.309 | 9.7 | 19.7 | 10 8 | 2 24.51 | +14 7.8 | 1.546 | 2.494 | 9.2 | 18.6 |
| 10 18 | 2 14.76 | +11 48.2 | 1.343 | 2.330 | 4.6 | 19.5 | 10 18 | 2 14.99 | +13 29.8 | 1.530 | 2.515 | 4.4 | 18.4 |
| 10 28 | 2 4.72 | +11 5.4 | 1.357 | 2.350 | 1.0 | 19.3 | 10 28 | 2 4.73 | +12 46.3 | 1.542 | 2.536 | 0.5 | 18.2 |
| 11 7 | 1 55.23 | +10 25.5 | 1.398 | 2.371 | 5.9 | 19.7 | 11 7 | 1 54.96 | +12 3.2 | 1.582 | 2.556 | 5.3 | 18.6 |
| 11 17 | 1 47.46 | +9 54.6 | 1.465 | 2.392 | 10.6 | 20.0 | 11 17 | 1 46.76 | +11 26.5 | 1.650 | 2.576 | 9.7 | 18.9 |
| 11 27 | 1 42.21 | +9 37.2 | 1.556 | 2.413 | 14.5 | 20.3 | 11 27 | 1 40.92 | +11 1.0 | 1.742 | 2.595 | 13.4 | 19.2 |
| 357331 | 2003 <i>NH</i> ₆ | 10 26.9 35°06 | 10°5/17.9 17 | | | | 176104 | 2001 <i>BK</i> ₆₅ | 10 26.9 228°50 | 1°4/28.0 18 | | | |
| 9 18 | 2 28.91 | -7 16.5 | 1.428 | 2.278 | 17.1 | 19.4 | 9 18 | 2 34.15 | +19 19.7 | 1.737 | 2.530 | 16.9 | 20.6 |
| 9 28 | 2 25.59 | -9 51.3 | 1.415 | 2.316 | 13.9 | 19.3 | 9 28 | 2 30.15 | +18 58.8 | 1.645 | 2.522 | 13.6 | 20.4 |
| 10 8 | 2 19.89 | -12 14.5 | 1.424 | 2.354 | 11.4 | 19.2 | 10 8 | 2 23.47 | +18 20.6 | 1.572 | 2.513 | 9.7 | 20.1 |
| 10 18 | 2 12.65 | -14 14.1 | 1.457 | 2.393 | 10.5 | 19.3 | 10 18 | 2 14.67 | +17 26.1 | 1.523 | 2.504 | 5.1 | 19.8 |
| 10 28 | 2 4.98 | -15 40.4 | 1.514 | 2.433 | 11.3 | 19.4 | 10 28 | 2 4.75 | +16 19.0 | 1.502 | 2.494 | 1.4 | 19.6 |
| 11 7 | 1 58.00 | -16 29.5 | 1.595 | 2.473 | 13.3 | 19.7 | 11 7 | 1 54.96 | +15 6.0 | 1.509 | 2.484 | 5.2 | 19.8 |
| 11 17 | 1 52.58 | -16 42.3 | 1.697 | 2.513 | 15.5 | 19.9 | 11 17 | 1 46.50 | +13 55.3 | 1.543 | 2.473 | 9.8 | 20.0 |
| 11 27 | 1 49.28 | -16 23.1 | 1.818 | 2.554 | 17.5 | 20.2 | 11 27 | 1 40.32 | +12 54.6 | 1.602 | 2.462 | 14.0 | 20.3 |
| 75952 | 2000 <i>CD</i> ₉₁ | 10 26.9 267°93 | 1°5/28.1 18 | | | | 224876 | 2007 <i>BT</i> ₄₃ | 10 26.9 313°25 | 2°8/25.2 18 | | | |
| 9 18 | 2 32.41 | +18 21.6 | 1.965 | 2.756 | 15.3 | 19.9 | 9 18 | 2 30.71 | +9 3.9 | 1.353 | 2.196 | 18.3 | 20.4 |
| 9 28 | 2 28.48 | +18 21.1 | 1.869 | 2.745 | 12.3 | 19.7 | 9 28 | 2 28.09 | +8 32.3 | 1.269 | 2.179 | 14.5 | 20.1 |
| 10 8 | 2 22.17 | +18 7.7 | 1.794 | 2.735 | 8.7 | 19.4 | 10 8 | 2 22.45 | +7 49.9 | 1.203 | 2.163 | 9.9 | 19.8 |
| 10 18 | 2 13.99 | +17 41.6 | 1.744 | 2.724 | 4.7 | 19.2 | 10 18 | 2 14.31 | +7 0.9 | 1.160 | 2.147 | 5.0 | 19.5 |
| 10 28 | 2 4.79 | +17 5.3 | 1.721 | 2.713 | 1.5 | 18.9 | 10 28 | 2 4.78 | +6 12.6 | 1.142 | 2.131 | 3.3 | 19.4 |
| 11 7 | 1 55.67 | +16 23.3 | 1.726 | 2.702 | 4.7 | 19.1 | 11 7 | 1 55.32 | +5 32.8 | 1.149 | 2.116 | 7.9 | 19.6 |
| 11 17 | 1 47.66 | +15 41.0 | 1.760 | 2.690 | 8.8 | 19.4 | 11 17 | 1 47.34 | +5 8.6 | 1.180 | 2.102 | 13.0 | 19.8 |
| 11 27 | 1 41.64 | +15 4.6 | 1.818 | 2.679 | 12.5 | 19.6 | 11 27 | 1 41.98 | +5 4.5 | 1.232 | 2.088 | 17.6 | 20.1 |
| 511755 | 2015 <i>DC</i> ₁₅₁ | 10 26.9 237°49 | 4°3/30.1 18 | | | | 437158 | 2012 <i>VV</i> ₃₇ | 10 26.9 41°36 | 6°6/21.9 18 | | | |
| 9 18 | 2 34.91 | +25 37.4 | 1.661 | 2.433 | 18.4 | 21.3 | 9 18 | 2 29.09 | +2 40.5 | 1.385 | 2.236 | 17.5 | 20.6 |
| 9 28 | 2 31.08 | +25 40.9 | 1.567 | 2.424 | 15.3 | 21.0 | 9 28 | 2 26.19 | +0 59.6 | 1.334 | 2.248 | 13.6 | 20.4 |
| 10 8 | 2 24.30 | +25 23.2 | 1.491 | 2.414 | 11.6 | 20.8 | 10 8 | 2 20.64 | -0 46.0 | 1.304 | 2.260 | 9.7 | 20.2 |
| 10 18 | 2 15.14 | +24 42.3 | 1.438 | 2.404 | 7.5 | 20.5 | 10 18 | 2 13.19 | -2 26.4 | 1.299 | 2.274 | 6.9 | 20.1 |
| 10 28 | 2 4.67 | +23 39.5 | 1.410 | 2.394 | 4.4 | 20.3 | 10 28 | 2 4.96 | -3 50.7 | 1.318 | 2.287 | 7.3 | 20.1 |
| 11 7 | 1 54.30 | +22 20.6 | 1.410 | 2.383 | 5.9 | 20.4 | 11 7 | 1 57.22 | -4 50.5 | 1.363 | 2.301 | 10.4 | 20.3 |
| 11 17 | 1 45.39 | +20 54.4 | 1.436 | 2.371 | 10.0 | 20.6 | 11 17 | 1 51.01 | -5 21.7 | 1.431 | 2.316 | 14.0 | 20.6 |
| 11 27 | 1 39.02 | +19 31.6 | 1.487 | 2.359 | 14.2 | 20.8 | 11 27 | 1 47.12 | -5 24.0 | 1.520 | 2.330 | 17.2 | 20.9 |
| 325416 | 2009 <i>KB</i> ₁₉ | 10 26.9 90°60 | 1°8/28.3 15 | | | | 481964 | 2009 <i>DU</i> ₁₄₁ | 10 26.9 330°66 | 2°2/28.2 18 | | | |
| 9 18 | 2 35.84 | +20 30.6 | 1.472 | 2.271 | 19.2 | 21.8 | 9 18 | 2 36.56 | +17 7.2 | 1.761 | 2.555 | 16.7 | 20.9 |
| 9 28 | 2 31.53 | +20 8.4 | 1.409 | 2.289 | 15.3 | 21.6 | 9 28 | 2 32.04 | +17 46.3 | 1.673 | 2.550 | 13.5 | 20.6 |
| 10 8 | 2 24.31 | +19 26.6 | 1.365 | 2.306 | 10.8 | 21.4 | 10 8 | 2 24.79 | +18 15.5 | 1.606 | 2.546 | 9.6 | 20.4 |
| 10 18 | 2 14.96 | +18 26.7 | 1.344 | 2.324 | 5.8 | 21.1 | 10 18 | 2 15.34 | +18 33.6 | 1.563 | 2.541 | 5.4 | 20.1 |
| 10 28 | 2 4.72 | +17 13.8 | 1.349 | 2.341 | 1.8 | 20.9 | 10 28 | 2 4.70 | +18 41.0 | 1.547 | 2.537 | 2.2 | 19.9 |
| 11 7 | 1 55.01 | +15 56.2 | 1.382 | 2.358 | 5.4 | 21.2 | 11 7 | 1 54.13 | +18 40.2 | 1.559 | 2.533 | 5.2 | 20.1 |
| 11 17 | 1 47.05 | +14 43.0 | 1.441 | 2.374 | 10.1 | 21.5 | 11 17 | 1 44.87 | +18 35.5 | 1.598 | 2.530 | 9.4 | 20.4 |
| 11 27 | 1 41.69 | +13 42.3 | 1.524 | 2.391 | 14.2 | 21.8 | 11 27 | 1 37.94 | +18 32.0 | 1.663 | 2.527 | 13.3 | 20.6 |
| 424517 | 2008 <i>EJ</i> ₄₄ | 10 26.9 121°80 | 0°5/27.3 16 | | | | 494976 | 2009 <i>WY</i> ₁₃₅ | 10 26.9 5°81 | 3°6/24.4 18 | | | |
| 9 18 | 2 36.69 | +15 42.2 | 1.688 | 2.489 | 17.0 | 22.0 | 9 18 | 2 33.83 | +2 5.5 | 2.146 | 2.962 | 13.4 | 20.7 |
| 9 28 | 2 31.89 | +15 32.6 | 1.616 | 2.501 | 13.5 | 21.8 | 9 28 | 2 29.06 | +1 56.5 | 2.068 | 2.962 | 10.5 | 20.5 |
| 10 8 | 2 24.44 | +15 10.2 | 1.565 | 2.511 | 9.3 | 21.6 | 10 8 | 2 22.25 | +1 47.2 | 2.013 | 2.962 | 7.3 | 20.3 |
| 10 18 | 2 15.02 | +14 36.7 | 1.538 | 2.522 | 4.6 | 21.3 | 10 18 | 2 13.93 | +1 41.0 | 1.984 | 2.963 | 4.4 | 20.1 |
| 10 28 | 2 4.71 | +13 55.8 | 1.539 | 2.532 | 0.6 | 21.1 | 10 28 | 2 4.89 | +1 41.4 | 1.983 | 2.964 | 3.8 | 20.1 |
| 11 7 | 1 54.75 | +13 13.3 | 1.568 | 2.542 | 5.2 | 21.4 | 11 7 | 1 56.05 | +1 51.4 | 2.012 | 2.965 | 6.4 | 20.3 |
| 11 17 | 1 46.27 | +12 35.3 | 1.624 | 2.551 | 9.7 | 21.7 | 11 17 | 1 48.27 | +2 12.7 | 2.068 | 2.966 | 9.6 | 20.5 |
| 11 27 | 1 40.14 | +12 7.2 | 1.705 | 2.560 | 13.5 | 22.0 | 11 27 | 1 42.24 | +2 46.3 | 2.149 | 2.967 | 12.5 | 20.7 |
| 435122 | 2007 <i>EP</i> ₁₃ | 10 26.9 265°06 | 4°2/23.7 18 | | | | 71171 | 1999 <i>XG</i> ₂₀₆ | 10 26.9 310°11 | 3°4/24.4 18 | | | |
| 9 18 | 2 31.36 | +6 20.3 | 1.593 | 2.427 | 16.4 | 21.1 | 9 18 | 2 32.06 | +3 21.8 | 2.109 | 2.928 | 13.5 | 18.6 |
| 9 28 | 2 27.91 | +5 15.5 | 1.515 | 2.421 | 12.8 | 20.9 | 9 28 | 2 27.84 | +3 4.4 | 2.022 | 2.918 | 10.6 | 18.4 |
| 10 8 | 2 21.88 | +4 2.0 | 1.459 | 2.416 | 8.8 | 20.6 | 10 8 | 2 21.53 | +2 45.2 | 1.957 | 2.908 | 7.3 | 18.2 |
| 10 18 | 2 13.86 | +2 46.1 | 1.427 | 2.410 | 5.1 | 20.4 | 10 18 | 2 13.63 | +2 27.6 | 1.918 | 2.899 | 4.3 | 18.0 |
| 10 28 | 2 4.84 | +1 36.0 | 1.422 | 2.404 | 4.8 | 20.4 | 10 28 | 2 4.92 | +2 15.9 | 1.908 | 2.889 | 3.7 | 18.0 |
| 11 7 | 1 56.05 | +0 39.9 | 1.444 | 2.398 | 8.3 | 20.6 | 11 7 | 1 56.32 | +2 13.7 | 1.925 | 2.880 | 6.5 | 18.1 |
| 11 17 | 1 48.59 | +0 3.5 | 1.491 | 2.392 | 12.4 | 20.8 | 11 17 | 1 48.72 | +2 23.5 | 1.971 | 2.871 | 9.8 | 18.3 |
| 11 27 | 1 43.37 | -0 10.1 | 1.560 | 2.386 | 16.1 | 21.0 | 11 27 | 1 42.88 | +2 46.8 | 2.040 | 2.862 | | |

EPHEMERIDES

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| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|-------|---------|------|---------------|-------------------------------|-----------------|----------|-------|---------|------|
| 95881 | 2003 <i>HR</i> | 10 26.9 186°91 | 0°8/27.6 | 18 | | | 125696 | 2001 <i>XG</i> ₉₂ | 10 26.9 226°94 | 1°3/26.1 | 18 | | |
| 9 18 | 2 33.88 | +17 25.3 | 1.971 | 2.762 | 15.3 | 20.6 | 9 18 | 2 34.66 | +11 0.1 | 1.829 | 2.640 | 15.5 | 20.5 |
| 9 28 | 2 29.47 | +17 6.1 | 1.884 | 2.762 | 12.2 | 20.4 | 9 28 | 2 30.27 | +10 42.2 | 1.742 | 2.634 | 12.2 | 20.2 |
| 10 8 | 2 22.74 | +16 33.5 | 1.818 | 2.761 | 8.5 | 20.2 | 10 8 | 2 23.41 | +10 15.5 | 1.676 | 2.628 | 8.3 | 20.0 |
| 10 18 | 2 14.23 | +15 48.8 | 1.778 | 2.760 | 4.3 | 19.9 | 10 18 | 2 14.63 | +9 42.5 | 1.636 | 2.622 | 4.0 | 19.7 |
| 10 28 | 2 4.86 | +14 55.7 | 1.765 | 2.759 | 0.8 | 19.7 | 10 28 | 2 4.86 | +9 7.5 | 1.623 | 2.615 | 1.6 | 19.5 |
| 11 7 | 1 55.67 | +13 59.6 | 1.782 | 2.757 | 4.7 | 20.0 | 11 7 | 1 55.23 | +8 35.9 | 1.639 | 2.608 | 5.7 | 19.8 |
| 11 17 | 1 47.67 | +13 6.7 | 1.827 | 2.754 | 8.8 | 20.2 | 11 17 | 1 46.82 | +8 12.4 | 1.682 | 2.601 | 10.0 | 20.1 |
| 11 27 | 1 41.67 | +12 22.8 | 1.898 | 2.751 | 12.4 | 20.4 | 11 27 | 1 40.52 | +8 1.3 | 1.749 | 2.593 | 13.8 | 20.3 |
| 181034 | 2005 <i>OM</i> ₁₉ | 10 26.9 85°37 | 0°6/27.5 | 18 | | | 259864 | 2004 <i>CJ</i> ₁₀₄ | 10 26.9 240°37 | 4°0/29.8 | 18 | | |
| 9 18 | 2 31.61 | +16 17.3 | 2.020 | 2.817 | 14.7 | 21.0 | 9 18 | 2 34.28 | +24 19.6 | 1.631 | 2.411 | 18.4 | 20.8 |
| 9 28 | 2 27.58 | +16 5.7 | 1.940 | 2.821 | 11.7 | 20.8 | 9 28 | 2 30.57 | +24 28.3 | 1.543 | 2.406 | 15.2 | 20.6 |
| 10 8 | 2 21.37 | +15 42.6 | 1.881 | 2.826 | 8.1 | 20.6 | 10 8 | 2 23.94 | +24 17.2 | 1.474 | 2.401 | 11.4 | 20.3 |
| 10 18 | 2 13.54 | +15 9.4 | 1.847 | 2.830 | 4.1 | 20.4 | 10 18 | 2 14.99 | +23 44.7 | 1.427 | 2.396 | 7.2 | 20.1 |
| 10 28 | 2 4.94 | +14 29.5 | 1.841 | 2.834 | 0.6 | 20.1 | 10 28 | 2 4.81 | +22 52.3 | 1.406 | 2.391 | 4.1 | 19.9 |
| 11 7 | 1 56.56 | +13 47.5 | 1.864 | 2.838 | 4.5 | 20.4 | 11 7 | 1 54.79 | +21 45.7 | 1.412 | 2.386 | 5.8 | 20.0 |
| 11 17 | 1 49.30 | +13 8.7 | 1.915 | 2.843 | 8.4 | 20.7 | 11 17 | 1 46.24 | +20 33.1 | 1.445 | 2.381 | 9.9 | 20.2 |
| 11 27 | 1 43.92 | +12 38.0 | 1.991 | 2.847 | 11.8 | 20.9 | 11 27 | 1 40.21 | +19 24.1 | 1.502 | 2.375 | 14.0 | 20.5 |
| 178040 | 2006 <i>RY</i> ₆₉ | 10 26.9 242°48 | 1°7/28.1 | 18 | | | 67898 | 2000 <i>WV</i> ₈₇ | 10 26.9 18°80 | 7°7/21.5 | 18 | | |
| 9 18 | 2 35.67 | +18 26.9 | 1.642 | 2.439 | 17.6 | 21.0 | 9 18 | 2 32.36 | -7 16.7 | 1.859 | 2.686 | 14.7 | 17.5 |
| 9 28 | 2 31.57 | +18 29.3 | 1.551 | 2.430 | 14.2 | 20.8 | 9 28 | 2 28.14 | -8 4.0 | 1.799 | 2.690 | 12.0 | 17.3 |
| 10 8 | 2 24.59 | +18 16.7 | 1.479 | 2.421 | 10.1 | 20.5 | 10 8 | 2 21.72 | -8 45.4 | 1.760 | 2.694 | 9.4 | 17.2 |
| 10 18 | 2 15.30 | +17 49.1 | 1.431 | 2.411 | 5.5 | 20.2 | 10 18 | 2 13.70 | -9 14.1 | 1.746 | 2.698 | 7.8 | 17.1 |
| 10 28 | 2 4.72 | +17 8.8 | 1.409 | 2.401 | 1.8 | 20.0 | 10 28 | 2 4.98 | -9 24.5 | 1.758 | 2.703 | 8.1 | 17.2 |
| 11 7 | 1 54.23 | +16 21.4 | 1.415 | 2.390 | 5.4 | 20.2 | 11 7 | 1 56.60 | -9 12.9 | 1.796 | 2.708 | 10.1 | 17.3 |
| 11 17 | 1 45.13 | +15 33.8 | 1.448 | 2.380 | 10.2 | 20.4 | 11 17 | 1 49.45 | -8 39.0 | 1.858 | 2.713 | 12.7 | 17.5 |
| 11 27 | 1 38.49 | +14 53.6 | 1.504 | 2.369 | 14.5 | 20.7 | 11 27 | 1 44.24 | -7 44.2 | 1.943 | 2.719 | 15.2 | 17.7 |
| 382287 | 2012 <i>TD</i> ₃₂₂ | 10 26.9 344°85 | 9°7/2.7 | 18 | | | 189102 | 2001 <i>SY</i> ₁₉ | 10 26.9 67°79 | 0°2/26.9 | 18 | | |
| 9 18 | 2 32.36 | +33 59.4 | 1.469 | 2.218 | 21.4 | 19.5 | 9 18 | 2 36.77 | +14 12.1 | 1.441 | 2.258 | 18.7 | 20.3 |
| 9 28 | 2 29.89 | +35 10.7 | 1.386 | 2.211 | 18.7 | 19.3 | 9 28 | 2 32.15 | +13 58.7 | 1.387 | 2.281 | 14.6 | 20.1 |
| 10 8 | 2 23.98 | +35 58.0 | 1.319 | 2.205 | 15.6 | 19.1 | 10 8 | 2 24.67 | +13 32.5 | 1.352 | 2.304 | 9.9 | 19.9 |
| 10 18 | 2 15.18 | +36 14.6 | 1.271 | 2.199 | 12.4 | 18.9 | 10 18 | 2 15.15 | +12 56.1 | 1.341 | 2.327 | 4.7 | 19.7 |
| 10 28 | 2 4.73 | +35 56.4 | 1.245 | 2.195 | 10.1 | 18.7 | 10 28 | 2 4.83 | +12 14.6 | 1.356 | 2.350 | 0.6 | 19.4 |
| 11 7 | 1 54.32 | +35 5.4 | 1.242 | 2.191 | 10.0 | 18.7 | 11 7 | 1 55.10 | +11 34.7 | 1.399 | 2.373 | 5.8 | 19.9 |
| 11 17 | 1 45.66 | +33 49.5 | 1.263 | 2.188 | 12.1 | 18.8 | 11 17 | 1 47.12 | +11 2.3 | 1.467 | 2.396 | 10.4 | 20.2 |
| 11 27 | 1 40.07 | +32 21.0 | 1.306 | 2.185 | 15.2 | 19.0 | 11 27 | 1 41.72 | +10 42.5 | 1.559 | 2.418 | 14.4 | 20.5 |
| 461150 | 2015 <i>TN</i> ₁₁₄ | 10 26.9 295°23 | 2°3/24.7 | 18 | | | 150454 | 2000 <i>HX</i> ₅₂ | 10 26.9 223°52 | 1°7/25.7 | 18 | | |
| 9 18 | 2 27.53 | +9 37.1 | 2.141 | 2.959 | 13.3 | 21.2 | 9 18 | 2 35.48 | +9 55.7 | 1.935 | 2.742 | 14.9 | 20.9 |
| 9 28 | 2 24.29 | +8 41.7 | 2.051 | 2.949 | 10.4 | 21.0 | 9 28 | 2 30.80 | +9 32.1 | 1.843 | 2.734 | 11.7 | 20.6 |
| 10 8 | 2 19.11 | +7 37.1 | 1.984 | 2.939 | 7.0 | 20.7 | 10 8 | 2 23.73 | +9 0.5 | 1.773 | 2.724 | 8.0 | 20.4 |
| 10 18 | 2 12.46 | +6 27.6 | 1.943 | 2.929 | 3.6 | 20.5 | 10 18 | 2 14.79 | +8 23.6 | 1.729 | 2.715 | 3.9 | 20.1 |
| 10 28 | 2 5.07 | +5 18.6 | 1.931 | 2.919 | 2.7 | 20.4 | 10 28 | 2 4.86 | +7 45.9 | 1.714 | 2.704 | 2.0 | 20.0 |
| 11 7 | 1 57.80 | +4 16.4 | 1.948 | 2.909 | 5.8 | 20.6 | 11 7 | 1 55.04 | +7 12.6 | 1.727 | 2.693 | 5.8 | 20.2 |
| 11 17 | 1 51.47 | +3 26.2 | 1.992 | 2.899 | 9.4 | 20.8 | 11 17 | 1 46.37 | +6 48.5 | 1.768 | 2.682 | 9.9 | 20.4 |
| 11 27 | 1 46.77 | +2 51.9 | 2.061 | 2.889 | 12.6 | 21.0 | 11 27 | 1 39.71 | +6 37.3 | 1.834 | 2.670 | 13.6 | 20.6 |
| 363444 | 2003 <i>SQ</i> ₁₃₃ | 10 26.9 55°14 | 1°8/28.7 | 18 | | | 182017 | 1999 <i>XY</i> ₂₁₈ | 10 26.9 11°13 | 4°1/24.9 | 18 | | |
| 9 18 | 2 29.87 | +21 30.6 | 2.023 | 2.805 | 15.2 | 20.4 | 9 18 | 2 24.92 | +7 27.3 | 0.855 | 1.739 | 22.5 | 19.0 |
| 9 28 | 2 26.09 | +21 3.8 | 1.957 | 2.827 | 12.2 | 20.2 | 9 28 | 2 24.44 | +6 56.3 | 0.809 | 1.743 | 17.6 | 18.8 |
| 10 8 | 2 20.23 | +20 21.3 | 1.913 | 2.849 | 8.6 | 20.1 | 10 8 | 2 20.28 | +6 15.3 | 0.780 | 1.749 | 11.9 | 18.5 |
| 10 18 | 2 12.92 | +19 24.7 | 1.894 | 2.871 | 4.8 | 19.9 | 10 18 | 2 13.29 | +5 31.9 | 0.770 | 1.758 | 6.2 | 18.2 |
| 10 28 | 2 5.03 | +18 18.1 | 1.902 | 2.893 | 1.8 | 19.7 | 10 28 | 2 5.05 | +4 55.9 | 0.780 | 1.769 | 4.6 | 18.2 |
| 11 7 | 1 57.51 | +17 7.4 | 1.939 | 2.915 | 4.2 | 19.9 | 11 7 | 1 57.40 | +4 36.3 | 0.811 | 1.782 | 9.5 | 18.5 |
| 11 17 | 1 51.18 | +15 59.0 | 2.005 | 2.937 | 7.8 | 20.2 | 11 17 | 1 51.89 | +4 38.5 | 0.863 | 1.797 | 14.9 | 18.9 |
| 11 27 | 1 46.70 | +14 58.9 | 2.097 | 2.960 | 11.0 | 20.5 | 11 27 | 1 49.55 | +5 4.0 | 0.933 | 1.815 | 19.6 | 19.2 |
| 7214 | Anticlus | 10 26.9 342°18 | 1°0/25.3 | 18 | | | 369018 | 2007 <i>TS</i> ₁₈₁ | 10 26.9 17°03 | 4°1/23.0 | 18 | | |
| 9 18 | 2 21.65 | +10 7.7 | 4.222 | 5.021 | 7.6 | 18.9 | 9 18 | 2 27.00 | +2 34.9 | 2.202 | 3.030 | 12.7 | 20.4 |
| 9 28 | 2 18.67 | +9 31.9 | 4.133 | 5.020 | 5.9 | 18.7 | 9 28 | 2 23.68 | +1 42.3 | 2.132 | 3.033 | 9.9 | 20.2 |
| 10 8 | 2 14.77 | +8 51.9 | 4.068 | 5.019 | 3.9 | 18.6 | 10 8 | 2 18.57 | +0 47.2 | 2.085 | 3.037 | 6.9 | 20.0 |
| 10 18 | 2 10.21 | +8 9.7 | 4.033 | 5.018 | 1.9 | 18.5 | 10 18 | 2 12.17 | -0 5.5 | 2.065 | 3.041 | 4.5 | 19.9 |
| 10 28 | 2 5.34 | +7 27.5 | 4.028 | 5.017 | 1.1 | 18.4 | 10 28 | 2 5.18 | -0 50.5 | 2.072 | 3.046 | 4.5 | 19.9 |
| 11 7 | 2 0.55 | +6 47.8 | 4.053 | 5.016 | 3.0 | 18.5 | 11 7 | 1 58.40 | -1 23.2 | 2.108 | 3.051 | 6.9 | 20.1 |
| 11 17 | 1 56.20 | +6 12.9 | 4.109 | 5.016 | 5.0 | 18.7 | 11 17 | 1 52.56 | -1 40.4 | 2.170 | 3.056 | 9.8 | 20.2 |
| 11 27 | 1 52.63 | +5 44.7 | 4.192 | 5.015 | 6.8 | 18.8 | 11 27 | 1 48.27 | -1 40.9 | 2.256 | 3.062 | 12.4 | 20.4 |
| 86747 | 2000 <i>GZ</i> ₅₇ | 10 26.9 73°09 | 1°0/27.7 | 18 | | | 108396 | 2001 <i>KS</i> ₂₇ | 10 26.9 65°33 | 2°1/25.5 | 18 | | |
| 9 18 | 2 36.64 | +17 14.5 | 1.520 | 2.325 | 18.4 | 19.5 | 9 18 | 2 34.13 | +8 37.1 | 1.739 | 2.559 | 15.8 | 19.1 |
| 9 28 | 2 31.96 | +17 5.3 | 1.463 | 2.349 | 14.6 | 19.3 | 9 28 | 2 29.65 | +8 16.4 | 1.677 | 2.575 | 12.3 | 18.9 |
| 10 8 | 2 24.49 | +16 41.1 | 1.426 | 2.372 | 10.0 | 19.1 | 10 8 | 2 22.79 | +7 49.2 | 1.637 | 2.591 | 8.3 | 18.7 |
| 10 18 | 2 15.04 | +16 3.5 | 1.412 | 2.395 | 5.1 | 18.9 | 10 18 | 2 14.23 | +7 19.0 | 1.622 | 2.607 | 4.1 | 18.5 |
| 10 28 | 2 4.80 | +15 17.0 | 1.425 | 2.418 | 1.0 | 18.6 | 10 28 | 2 4.95 | +6 50.6 | 1.634 | 2.624 | 2.4 | 18.4 |
| 11 7 | 1 55.11 | +14 28.3 | 1.466 | 2.441 | 5.3 | 19.0 | 11 7 | 1 56.07 | +6 28.8 | 1.674 | 2.640 | 6.0 | 18.7 |
| 11 17 | 1 47.12 | +13 44.0 | 1.533 | 2.464 | 9.8 | 19.3 | 11 17 | 1 48.57 | +6 17.5 | 1.741 | 2.656 | 10.0 | 19.0 |
| 11 27 | 1 41.64 | +13 10.2 | 1.624 | 2.486 | 13.7 | 19.6 | 11 27 | 1 43.18 | +6 19.3 | 1.832 | 2.673 | 13.4 | 19.2 |
| 102589 | 1999 <i>UP</i> ₅₂ | 10 26.9 35°23 | 5°7/23.1 | 17 R | | | 455508 | 2003 <i>WK</i> ₂₉ | 10 26.9 303°86 | 3°1/25.0 | 17 | | |
| 9 18 | 2 28.80 | +6 51.2 | 1.059 | 1.924 | 20.6 | 18.5 | 9 18 | 2 36.85 | +2 39.1 | 2.194 | 3.001 | 13.4 | 21.5 |
| 9 28 | 2 26.63 | +5 13.5 | 1.016 | 1.939 | 15.9 | 18.2 | 9 28 | 2 31.67 | +2 46.9 | 2.091 | 2.980 | 10.6 | 21.2 |
| 10 8 | 2 21.25 | +3 25.6 | 0.992 | 1.956 | 10.9 | 18.0 | 10 8 | 2 24.26 | +2 55.0 | 2.010 | 2.958 | 7.4 | 21.0 |
| 10 18 | 2 13.56 | +1 38.8 | 0.990 | 1.974 | 6.6 | 17.9 | 10 18 | 2 15.05 | +3 6.2 | 1.956 | 2.936 | 4.2 | 20.8 |
| 10 28 | 2 4.99 | +0 6.1 | 1.012 | 1.992 | 6.5 | 17.9 | 10 28 | 2 4.85 | +3 23.3 | 1.931 | 2.915 | 3.3 | 20.7 |
| 11 7 | 1 57.09 | -1 1.5 | 1.057 | 2.012 | 10.4 | 18.2 | 11 7 | 1 54.60 | +3 48.8 | 1.936 | 2.893 | 6.2 | 20.8 |
| 11 17 | 1 51.12 | -1 38.4 | 1.124 | 2.032 | 14.9 | 18.5 | 11 17 | 1 45.30 | +4 24.3 | 1.969 | 2.872 | 9.7 | 21.0 |
| 11 27 | 1 47.92 | -1 44.0 | 1.210 | 2.053 | 18.7 | 18.8 | 11 27 | 1 37.79 | +5 10.6 | 2.029 | 2.851 | 13.0 | 21.2 |

EPHEMERIDES

10 26.9

10 26.9

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|----------|-------|---------|------|---------------|-------------------------------|-----------------|----------|-------|---------|------|
| 50388 | 2000 <i>CM</i> ₉₂ | 10 26.9 208°02 | 0°2/26.8 | 18 | | | 43567 | 2001 <i>FL</i> ₁₂₀ | 10 26.9 94°12 | 3°5/30.5 | 18 | | |
| 9 18 | 2 29.25 | +14 7.2 | 2.862 | 3.650 | 11.1 | 20.1 | 9 18 | 2 30.65 | +25 47.0 | 2.332 | 3.084 | 14.3 | 19.0 |
| 9 28 | 2 25.11 | +13 45.6 | 2.767 | 3.645 | 8.7 | 19.9 | 9 28 | 2 26.70 | +25 48.1 | 2.245 | 3.089 | 11.8 | 18.8 |
| 10 8 | 2 19.41 | +13 16.2 | 2.695 | 3.640 | 5.9 | 19.7 | 10 8 | 2 20.74 | +25 33.7 | 2.179 | 3.094 | 8.9 | 18.6 |
| 10 18 | 2 12.57 | +12 40.5 | 2.651 | 3.635 | 2.8 | 19.5 | 10 18 | 2 13.28 | +25 3.2 | 2.138 | 3.099 | 5.8 | 18.5 |
| 10 28 | 2 5.15 | +12 1.5 | 2.636 | 3.629 | 0.4 | 19.3 | 10 28 | 2 5.11 | +24 18.3 | 2.124 | 3.104 | 3.6 | 18.3 |
| 11 7 | 1 57.84 | +11 22.5 | 2.652 | 3.624 | 3.6 | 19.6 | 11 7 | 1 57.11 | +23 22.8 | 2.139 | 3.109 | 4.5 | 18.4 |
| 11 17 | 1 51.25 | +10 47.1 | 2.698 | 3.617 | 6.7 | 19.8 | 11 17 | 1 50.15 | +22 22.2 | 2.183 | 3.114 | 7.3 | 18.6 |
| 11 27 | 1 45.96 | +10 18.6 | 2.771 | 3.611 | 9.4 | 19.9 | 11 27 | 1 44.92 | +21 22.7 | 2.253 | 3.119 | 10.2 | 18.8 |
| 115657 | 2003 <i>UW</i> ₁₃₇ | 10 26.9 172°21 | 3°1/24.3 | 18 | | | 516817 | 2010 <i>OW</i> ₈₄ | 10 26.9 293°15 | 6°4/22.1 | 18 | | |
| 9 18 | 2 33.17 | +2 20.4 | 2.675 | 3.480 | 11.3 | 19.1 | 9 18 | 2 31.17 | -0 30.1 | 1.687 | 2.524 | 15.5 | 21.6 |
| 9 28 | 2 28.13 | +2 6.2 | 2.593 | 3.481 | 8.9 | 19.0 | 9 28 | 2 27.70 | -1 35.6 | 1.607 | 2.511 | 12.4 | 21.4 |
| 10 8 | 2 21.43 | +1 51.3 | 2.536 | 3.483 | 6.2 | 18.8 | 10 8 | 2 21.76 | -2 43.2 | 1.550 | 2.498 | 9.1 | 21.2 |
| 10 18 | 2 13.52 | +1 38.5 | 2.506 | 3.484 | 3.7 | 18.7 | 10 18 | 2 13.89 | -3 45.7 | 1.516 | 2.486 | 6.7 | 21.0 |
| 10 28 | 2 5.05 | +1 31.0 | 2.506 | 3.485 | 3.3 | 18.6 | 10 28 | 2 5.03 | -4 34.9 | 1.509 | 2.474 | 7.0 | 21.0 |
| 11 7 | 1 56.73 | +1 31.5 | 2.536 | 3.485 | 5.5 | 18.8 | 11 7 | 1 56.32 | -5 4.2 | 1.527 | 2.461 | 9.8 | 21.1 |
| 11 17 | 1 49.26 | +1 41.7 | 2.595 | 3.486 | 8.2 | 19.0 | 11 17 | 1 48.83 | -5 9.8 | 1.570 | 2.449 | 13.3 | 21.3 |
| 11 27 | 1 43.21 | +2 2.7 | 2.680 | 3.486 | 10.7 | 19.1 | 11 27 | 1 43.45 | -4 51.0 | 1.635 | 2.437 | 16.5 | 21.5 |
| 201121 | 2002 <i>JQ</i> ₄₀ | 10 26.9 155°57 | 0°3/27.3 | 18 | | | 331707 | 2002 <i>RK</i> ₁₀₅ | 10 26.9 10°98 | 2°0/27.8 | 18 | | |
| 9 18 | 2 32.12 | +17 23.1 | 2.030 | 2.823 | 14.8 | 20.7 | 9 18 | 2 30.54 | +14 39.5 | 0.926 | 1.786 | 23.3 | 19.1 |
| 9 28 | 2 27.96 | +16 44.2 | 1.948 | 2.828 | 11.7 | 20.5 | 9 28 | 2 28.97 | +15 28.8 | 0.873 | 1.789 | 18.7 | 18.8 |
| 10 8 | 2 21.63 | +15 51.1 | 1.888 | 2.832 | 8.1 | 20.3 | 10 8 | 2 23.53 | +16 4.3 | 0.836 | 1.795 | 13.1 | 18.5 |
| 10 18 | 2 13.70 | +14 46.3 | 1.853 | 2.837 | 4.0 | 20.1 | 10 18 | 2 14.98 | +16 25.1 | 0.817 | 1.803 | 6.9 | 18.3 |
| 10 28 | 2 5.03 | +13 34.3 | 1.847 | 2.841 | 0.4 | 19.8 | 10 28 | 2 4.91 | +16 32.9 | 0.820 | 1.812 | 2.0 | 18.0 |
| 11 7 | 1 56.62 | +12 21.6 | 1.871 | 2.844 | 4.6 | 20.1 | 11 7 | 1 55.34 | +16 32.8 | 0.845 | 1.824 | 7.0 | 18.4 |
| 11 17 | 1 49.35 | +11 14.6 | 1.922 | 2.847 | 8.6 | 20.4 | 11 17 | 1 48.03 | +16 31.6 | 0.891 | 1.838 | 12.8 | 18.7 |
| 11 27 | 1 43.97 | +10 19.0 | 2.000 | 2.850 | 12.0 | 20.6 | 11 27 | 1 44.18 | +16 36.3 | 0.957 | 1.853 | 17.9 | 19.1 |
| 391074 | 2005 <i>UY</i> ₁₂₁ | 10 26.9 319°08 | 0°3/26.9 | 18 | | | 99013 | 2001 <i>DX</i> ₆₄ | 10 26.9 58°44 | 4°6/30.6 | 18 | | |
| 9 18 | 2 34.87 | +10 46.3 | 1.308 | 2.142 | 19.3 | 20.4 | 9 18 | 2 37.82 | +25 58.9 | 1.587 | 2.356 | 19.3 | 18.3 |
| 9 28 | 2 31.85 | +11 15.4 | 1.213 | 2.118 | 15.5 | 20.1 | 9 28 | 2 32.90 | +26 17.8 | 1.536 | 2.389 | 15.8 | 18.2 |
| 10 8 | 2 25.42 | +11 38.4 | 1.138 | 2.094 | 10.8 | 19.8 | 10 8 | 2 25.14 | +26 15.8 | 1.503 | 2.422 | 11.8 | 18.0 |
| 10 18 | 2 16.01 | +11 56.0 | 1.084 | 2.070 | 5.3 | 19.4 | 10 18 | 2 15.39 | +25 51.8 | 1.492 | 2.455 | 7.7 | 17.9 |
| 10 28 | 2 4.73 | +12 10.4 | 1.055 | 2.048 | 0.8 | 19.0 | 10 28 | 2 4.89 | +25 7.9 | 1.507 | 2.488 | 4.8 | 17.8 |
| 11 7 | 1 53.22 | +12 25.0 | 1.051 | 2.026 | 6.8 | 19.4 | 11 7 | 1 55.03 | +24 10.2 | 1.550 | 2.520 | 5.8 | 17.9 |
| 11 17 | 1 43.19 | +12 43.8 | 1.071 | 2.006 | 12.6 | 19.6 | 11 17 | 1 46.95 | +23 7.0 | 1.619 | 2.553 | 9.2 | 18.2 |
| 11 27 | 1 36.10 | +13 11.4 | 1.113 | 1.986 | 17.8 | 19.9 | 11 27 | 1 41.45 | +22 6.7 | 1.713 | 2.585 | 12.6 | 18.5 |
| 126873 | 2002 <i>EH</i> ₈₈ | 10 26.9 169°85 | 0°6/26.3 | 18 | | | 154596 | 2003 <i>OP</i> ₉ | 10 26.9 75°25 | 1°0/26.0 | 18 | | |
| 9 18 | 2 30.15 | +12 45.6 | 2.633 | 3.427 | 11.8 | 20.5 | 9 18 | 2 29.72 | +12 43.8 | 2.182 | 2.988 | 13.5 | 20.8 |
| 9 28 | 2 25.89 | +12 18.2 | 2.546 | 3.429 | 9.2 | 20.3 | 9 28 | 2 25.79 | +12 4.4 | 2.114 | 3.004 | 10.5 | 20.6 |
| 10 8 | 2 19.97 | +11 43.0 | 2.484 | 3.432 | 6.2 | 20.1 | 10 8 | 2 19.99 | +11 15.8 | 2.068 | 3.019 | 7.0 | 20.4 |
| 10 18 | 2 12.84 | +11 2.2 | 2.448 | 3.434 | 2.9 | 19.9 | 10 18 | 2 12.86 | +10 21.2 | 2.049 | 3.035 | 3.3 | 20.2 |
| 10 28 | 2 5.14 | +10 19.2 | 2.443 | 3.435 | 0.9 | 19.8 | 10 28 | 2 5.17 | +9 25.3 | 2.058 | 3.050 | 1.3 | 20.1 |
| 11 7 | 1 57.60 | +9 37.8 | 2.467 | 3.437 | 4.1 | 20.0 | 11 7 | 1 57.77 | +8 33.1 | 2.097 | 3.066 | 4.7 | 20.3 |
| 11 17 | 1 50.89 | +9 2.0 | 2.521 | 3.438 | 7.2 | 20.2 | 11 17 | 1 51.41 | +7 49.3 | 2.164 | 3.081 | 8.2 | 20.6 |
| 11 27 | 1 45.59 | +8 34.9 | 2.602 | 3.438 | 10.0 | 20.4 | 11 27 | 1 46.70 | +7 17.5 | 2.256 | 3.096 | 11.2 | 20.8 |
| 443473 | 2014 <i>JR</i> ₄ | 10 26.9 198°91 | 5°2/22.5 | 18 | | | 44738 | 1999 <i>TD</i> ₃₅ | 10 26.9 138°06 | 4°1/22.9 | 18 | | |
| 9 18 | 2 34.27 | -1 55.1 | 2.265 | 3.078 | 12.8 | 21.9 | 9 18 | 2 34.07 | +9 6.3 | 1.801 | 2.618 | 15.5 | 19.2 |
| 9 28 | 2 29.32 | -2 40.2 | 2.186 | 3.075 | 10.2 | 21.7 | 9 28 | 2 29.50 | +7 5.8 | 1.733 | 2.631 | 12.0 | 19.0 |
| 10 8 | 2 22.41 | -3 24.6 | 2.131 | 3.072 | 7.5 | 21.5 | 10 8 | 2 22.66 | +4 53.2 | 1.690 | 2.643 | 8.1 | 18.8 |
| 10 18 | 2 14.05 | -4 3.3 | 2.102 | 3.068 | 5.5 | 21.4 | 10 18 | 2 14.18 | +2 36.9 | 1.674 | 2.655 | 4.7 | 18.6 |
| 10 28 | 2 5.00 | -4 31.1 | 2.101 | 3.063 | 5.6 | 21.4 | 10 28 | 2 5.02 | +0 27.2 | 1.688 | 2.666 | 4.7 | 18.7 |
| 11 7 | 1 56.13 | -4 44.0 | 2.130 | 3.058 | 7.8 | 21.5 | 11 7 | 1 56.27 | -1 25.9 | 1.731 | 2.676 | 8.0 | 18.9 |
| 11 17 | 1 48.27 | -4 39.8 | 2.185 | 3.052 | 10.5 | 21.7 | 11 17 | 1 48.85 | -2 55.2 | 1.802 | 2.685 | 11.6 | 19.1 |
| 11 27 | 1 42.08 | -4 18.1 | 2.264 | 3.046 | 13.2 | 21.9 | 11 27 | 1 43.47 | -3 57.4 | 1.897 | 2.694 | 14.8 | 19.4 |
| 458356 | 2010 <i>VD</i> ₁₉₆ | 10 26.9 357°45 | 3°3/24.6 | 16 | | | 427844 | 2005 <i>LZ</i> ₂₄ | 10 26.9 138°66 | 4°4/24.2 | 16 | | |
| 9 18 | 2 28.34 | +6 45.6 | 1.620 | 2.458 | 16.0 | 20.5 | 9 18 | 2 36.61 | +4 1.1 | 1.615 | 2.441 | 16.6 | 21.9 |
| 9 28 | 2 25.50 | +6 9.7 | 1.547 | 2.455 | 12.5 | 20.2 | 9 28 | 2 31.87 | +3 20.6 | 1.547 | 2.447 | 13.0 | 21.7 |
| 10 8 | 2 20.24 | +5 27.1 | 1.495 | 2.453 | 8.5 | 20.0 | 10 8 | 2 24.49 | +2 36.2 | 1.501 | 2.453 | 9.0 | 21.4 |
| 10 18 | 2 13.12 | +4 42.8 | 1.466 | 2.451 | 4.6 | 19.8 | 10 18 | 2 15.15 | +1 53.3 | 1.479 | 2.459 | 5.3 | 21.2 |
| 10 28 | 2 5.11 | +4 3.0 | 1.464 | 2.450 | 3.7 | 19.7 | 10 28 | 2 4.91 | +1 18.4 | 1.484 | 2.464 | 4.8 | 21.2 |
| 11 7 | 1 57.32 | +3 33.6 | 1.489 | 2.451 | 7.2 | 19.9 | 11 7 | 1 55.03 | +0 57.2 | 1.516 | 2.469 | 8.0 | 21.4 |
| 11 17 | 1 50.81 | +3 19.3 | 1.539 | 2.452 | 11.2 | 20.2 | 11 17 | 1 46.62 | +0 53.3 | 1.574 | 2.474 | 11.9 | 21.7 |
| 11 27 | 1 46.39 | +3 22.5 | 1.611 | 2.453 | 14.8 | 20.4 | 11 27 | 1 40.55 | +1 8.0 | 1.655 | 2.478 | 15.4 | 21.9 |
| 305174 | 2007 <i>VF</i> ₂₈₄ | 10 26.9 349°68 | 0°7/27.5 | 15 | | | 321425 | 2009 <i>QY</i> ₂₅ | 10 26.9 71°46 | 2°2/25.0 | 18 | | |
| 9 18 | 2 29.15 | +17 13.5 | 1.603 | 2.418 | 17.2 | 21.1 | 9 18 | 2 31.29 | +8 53.7 | 2.063 | 2.878 | 13.9 | 21.1 |
| 9 28 | 2 26.34 | +16 52.5 | 1.523 | 2.414 | 13.7 | 20.8 | 9 28 | 2 27.01 | +8 11.9 | 2.005 | 2.900 | 10.7 | 20.9 |
| 10 8 | 2 20.93 | +16 15.7 | 1.462 | 2.411 | 9.5 | 20.6 | 10 8 | 2 20.79 | +7 23.6 | 1.969 | 2.922 | 7.2 | 20.7 |
| 10 18 | 2 13.50 | +15 24.8 | 1.424 | 2.408 | 4.8 | 20.3 | 10 18 | 2 13.23 | +6 32.9 | 1.959 | 2.944 | 3.6 | 20.5 |
| 10 28 | 2 5.06 | +14 24.5 | 1.413 | 2.406 | 0.7 | 20.0 | 10 28 | 2 5.14 | +5 44.7 | 1.978 | 2.966 | 2.5 | 20.5 |
| 11 7 | 1 56.83 | +13 21.9 | 1.429 | 2.405 | 5.3 | 20.3 | 11 7 | 1 57.40 | +5 3.9 | 2.026 | 2.988 | 5.5 | 20.8 |
| 11 17 | 1 49.95 | +12 24.4 | 1.470 | 2.403 | 10.0 | 20.6 | 11 17 | 1 50.81 | +4 34.5 | 2.101 | 3.009 | 8.9 | 21.0 |
| 11 27 | 1 45.30 | +11 39.0 | 1.536 | 2.403 | 14.1 | 20.8 | 11 27 | 1 45.96 | +4 19.0 | 2.201 | 3.031 | 11.9 | 21.2 |
| 50405 | 2000 <i>CB</i> ₁₁₆ | 10 26.9 313°31 | 0°8/27.6 | 18 | | | 86117 | 1999 <i>RC</i> ₁₃₅ | 10 26.9 357°48 | 1°4/27.9 | 18 | | |
| 9 18 | 2 30.43 | +18 19.9 | 1.444 | 2.261 | 18.6 | 19.0 | 9 18 | 2 28.50 | +17 31.7 | 1.623 | 2.437 | 17.0 | 18.4 |
| 9 28 | 2 27.71 | +17 50.0 | 1.361 | 2.254 | 14.9 | 18.8 | 9 28 | 2 25.83 | +17 32.8 | 1.543 | 2.433 | 13.6 | 18.2 |
| 10 8 | 2 22.08 | +17 0.4 | 1.297 | 2.247 | 10.5 | 18.5 | 10 8 | 2 20.59 | +17 19.6 | 1.483 | 2.431 | 9.6 | 17.9 |
| 10 18 | 2 14.14 | +15 52.9 | 1.256 | 2.240 | 5.3 | 18.2 | 10 18 | 2 13.36 | +16 53.0 | 1.447 | 2.429 | 5.1 | 17.7 |
| 10 28 | 2 5.00 | +14 33.3 | 1.240 | 2.234 | 0.8 | 17.9 | 10 28 | 2 5.11 | +16 16.4 | 1.436 | 2.428 | 1.4 | 17.4 |
| 11 7 | 1 56.05 | +13 10.2 | 1.251 | 2.228 | 5.8 | 18.2 | 11 7 | 1 57.05 | +15 35.1 | 1.452 | 2.429 | 5.1 | 17.7 |
| 11 17 | 1 48.61 | +11 53.4 | 1.288 | 2.222 | 11.0 | 18.5 | 11 17 | 1 50.30 | +14 55.6 | 1.493 | 2.430 | 9.6 | 17.9 |
| 11 27 | 1 43.70 | +10 51.7 | 1.347 | 2.216 | 15.5 | 18.7 | 11 27 | 1 45.76 | +14 24.2 | 1.559 | 2.432 | 13. | |

EPHEMERIDES

10 26.9

10 27.0

| 2020 | α_{2000} | δ_{2000} | Δ | r | β | V | 2020 | α_{2000} | δ_{2000} | Δ | r | β | V |
|---------------|-------------------------------|-----------------|-------------|-------|---------|------|---------------|-------------------------------|-----------------|-------------|-------|---------|------|
| 9161 | Beaufort | 10 26.9 333°58 | 9°2/19.3 18 | | | | 411934 | 2012 <i>GB</i> ₁₀ | 10 26.9 270°81 | 0°6/26.4 18 | | | |
| 9 18 | 2 27.87 | — 5 15.3 | 1.531 | 2.380 | 16.2 | 16.9 | 9 18 | 2 28.16 | +14 25.6 | 2.300 | 3.101 | 13.0 | 21.5 |
| 9 28 | 2 25.29 | — 6 57.4 | 1.466 | 2.371 | 13.3 | 16.7 | 9 28 | 2 24.71 | +13 42.2 | 2.206 | 3.093 | 10.2 | 21.3 |
| 10 8 | 2 20.18 | — 8 38.2 | 1.422 | 2.362 | 10.6 | 16.5 | 10 8 | 2 19.40 | +12 47.4 | 2.135 | 3.084 | 7.0 | 21.1 |
| 10 18 | 2 13.14 | —10 7.3 | 1.401 | 2.354 | 9.2 | 16.4 | 10 18 | 2 12.68 | +11 44.1 | 2.090 | 3.075 | 3.3 | 20.9 |
| 10 28 | 2 5.15 | —11 14.1 | 1.405 | 2.346 | 10.1 | 16.4 | 10 28 | 2 5.26 | +10 36.7 | 2.074 | 3.066 | 0.9 | 20.7 |
| 11 7 | 1 57.40 | —11 51.5 | 1.433 | 2.339 | 12.6 | 16.6 | 11 7 | 1 57.95 | + 9 30.6 | 2.087 | 3.058 | 4.6 | 20.9 |
| 11 17 | 1 50.96 | —11 56.3 | 1.482 | 2.333 | 15.6 | 16.7 | 11 17 | 1 51.54 | + 8 31.4 | 2.129 | 3.049 | 8.2 | 21.1 |
| 11 27 | 1 46.69 | —11 29.5 | 1.551 | 2.327 | 18.5 | 16.9 | 11 27 | 1 46.70 | + 7 43.7 | 2.197 | 3.040 | 11.4 | 21.3 |
| 515475 | 2014 <i>AM</i> ₂₆ | 10 26.9 291°47 | 2°8/28.9 18 | | | | 82349 | 2001 <i>LD</i> ₁₉ | 10 27.0 143°67 | 1°9/28.6 18 | | | |
| 9 18 | 2 31.84 | +21 31.7 | 1.529 | 2.329 | 18.6 | 22.0 | 9 18 | 2 34.83 | +20 42.0 | 1.784 | 2.569 | 16.8 | 19.1 |
| 9 28 | 2 28.97 | +21 30.4 | 1.432 | 2.310 | 15.2 | 21.7 | 9 28 | 2 30.49 | +20 26.5 | 1.705 | 2.576 | 13.6 | 18.9 |
| 10 8 | 2 23.11 | +21 9.6 | 1.353 | 2.292 | 11.1 | 21.4 | 10 8 | 2 23.59 | +19 54.0 | 1.646 | 2.583 | 9.7 | 18.7 |
| 10 18 | 2 14.76 | +20 28.3 | 1.296 | 2.273 | 6.5 | 21.1 | 10 18 | 2 14.77 | +19 5.3 | 1.611 | 2.589 | 5.4 | 18.4 |
| 10 28 | 2 4.96 | +19 28.7 | 1.265 | 2.255 | 2.9 | 20.9 | 10 28 | 2 5.04 | +18 3.9 | 1.603 | 2.594 | 2.0 | 18.2 |
| 11 7 | 1 55.13 | +18 17.2 | 1.259 | 2.236 | 5.7 | 21.0 | 11 7 | 1 55.60 | +16 56.2 | 1.624 | 2.600 | 4.9 | 18.4 |
| 11 17 | 1 46.69 | +17 2.8 | 1.280 | 2.218 | 10.7 | 21.2 | 11 17 | 1 47.55 | +15 49.6 | 1.673 | 2.605 | 9.1 | 18.7 |
| 11 27 | 1 40.81 | +15 55.6 | 1.324 | 2.200 | 15.3 | 21.5 | 11 27 | 1 41.73 | +14 51.4 | 1.747 | 2.609 | 12.9 | 19.0 |
| 452999 | 2007 <i>HG</i> ₈₈ | 10 26.9 15°60 | 0°2/27.2 17 | | | | 304942 | 2007 <i>TK</i> ₄ | 10 27.0 313°35 | 3°6/23.4 18 | | | |
| 9 18 | 2 28.09 | +16 54.8 | 2.127 | 2.926 | 14.0 | 21.4 | 9 18 | 2 27.83 | +10 43.7 | 1.741 | 2.569 | 15.5 | 20.4 |
| 9 28 | 2 24.77 | +16 18.2 | 2.044 | 2.927 | 11.1 | 21.2 | 9 28 | 2 24.97 | + 8 51.5 | 1.660 | 2.564 | 12.0 | 20.2 |
| 10 8 | 2 19.46 | +15 28.6 | 1.982 | 2.928 | 7.6 | 21.0 | 10 8 | 2 19.82 | + 6 43.6 | 1.602 | 2.559 | 8.1 | 19.9 |
| 10 18 | 2 12.68 | +14 28.3 | 1.946 | 2.930 | 3.8 | 20.7 | 10 18 | 2 12.95 | + 4 27.6 | 1.570 | 2.555 | 4.4 | 19.7 |
| 10 28 | 2 5.22 | +13 21.7 | 1.938 | 2.931 | 0.4 | 20.5 | 10 28 | 2 5.25 | + 2 14.0 | 1.567 | 2.550 | 4.2 | 19.7 |
| 11 7 | 1 57.95 | +12 14.7 | 1.959 | 2.933 | 4.4 | 20.8 | 11 7 | 1 57.77 | + 0 13.6 | 1.593 | 2.546 | 7.8 | 19.9 |
| 11 17 | 1 51.69 | +11 13.0 | 2.009 | 2.935 | 8.1 | 21.0 | 11 17 | 1 51.48 | — 1 24.7 | 1.646 | 2.541 | 11.8 | 20.1 |
| 11 27 | 1 47.13 | +10 22.0 | 2.084 | 2.937 | 11.5 | 21.2 | 11 27 | 1 47.15 | — 2 36.0 | 1.722 | 2.537 | 15.3 | 20.3 |
| 295441 | 2008 <i>LU</i> ₁₅ | 10 26.9 71°20 | 7°4/22.7 16 | | | | 27137 | 1998 <i>XP</i> ₂₇ | 10 27.0 68°56 | 1°0/26.4 18 | | | |
| 9 18 | 2 38.38 | — 2 51.5 | 1.450 | 2.283 | 17.8 | 20.3 | 9 18 | 2 37.69 | +11 5.5 | 1.453 | 2.274 | 18.3 | 17.5 |
| 9 28 | 2 33.09 | — 3 51.5 | 1.411 | 2.310 | 14.1 | 20.2 | 9 28 | 2 33.01 | +11 4.1 | 1.392 | 2.289 | 14.4 | 17.3 |
| 10 8 | 2 25.12 | — 4 47.6 | 1.393 | 2.337 | 10.4 | 20.0 | 10 8 | 2 25.42 | +10 53.6 | 1.350 | 2.303 | 9.7 | 17.1 |
| 10 18 | 2 15.33 | — 5 32.0 | 1.398 | 2.364 | 7.7 | 19.9 | 10 18 | 2 15.66 | +10 36.5 | 1.332 | 2.318 | 4.6 | 16.8 |
| 10 28 | 2 4.95 | — 5 57.3 | 1.430 | 2.391 | 7.8 | 20.0 | 10 28 | 2 4.96 | +10 17.1 | 1.340 | 2.333 | 1.3 | 16.7 |
| 11 7 | 1 55.29 | — 5 59.5 | 1.487 | 2.417 | 10.3 | 20.2 | 11 7 | 1 54.74 | +10 0.5 | 1.376 | 2.348 | 6.1 | 17.0 |
| 11 17 | 1 47.39 | — 5 38.1 | 1.568 | 2.443 | 13.5 | 20.5 | 11 17 | 1 46.22 | + 9 51.5 | 1.437 | 2.363 | 10.8 | 17.3 |
| 11 27 | 1 41.97 | — 4 55.0 | 1.671 | 2.469 | 16.4 | 20.8 | 11 27 | 1 40.30 | + 9 53.9 | 1.522 | 2.378 | 14.8 | 17.6 |
| 449003 | 2012 <i>BX</i> ₅₄ | 10 26.9 195°99 | 3°5/23.2 18 | | | | 210674 | 2000 <i>QO</i> ₂₀₅ | 10 27.0 95°39 | 3°9/29.4 17 | | | |
| 9 18 | 2 29.43 | + 2 58.2 | 2.655 | 3.468 | 11.2 | 21.5 | 9 18 | 2 40.34 | +22 3.2 | 1.446 | 2.233 | 20.0 | 20.4 |
| 9 28 | 2 25.29 | + 2 8.8 | 2.572 | 3.465 | 8.7 | 21.3 | 9 28 | 2 35.42 | +22 33.0 | 1.380 | 2.248 | 16.3 | 20.2 |
| 10 8 | 2 19.57 | + 1 16.7 | 2.514 | 3.463 | 6.1 | 21.2 | 10 8 | 2 27.27 | +22 44.8 | 1.332 | 2.263 | 11.9 | 20.0 |
| 10 18 | 2 12.68 | + 0 25.9 | 2.484 | 3.460 | 3.9 | 21.0 | 10 18 | 2 16.64 | +22 36.6 | 1.306 | 2.278 | 7.3 | 19.8 |
| 10 28 | 2 5.23 | — 0 19.1 | 2.483 | 3.457 | 3.8 | 21.0 | 10 28 | 2 4.85 | +22 9.6 | 1.307 | 2.293 | 3.9 | 19.6 |
| 11 7 | 1 57.93 | — 0 54.3 | 2.511 | 3.453 | 6.0 | 21.2 | 11 7 | 1 53.52 | +21 29.1 | 1.333 | 2.307 | 6.0 | 19.8 |
| 11 17 | 1 51.41 | — 1 16.8 | 2.568 | 3.450 | 8.6 | 21.3 | 11 17 | 1 44.07 | +20 43.0 | 1.387 | 2.321 | 10.3 | 20.1 |
| 11 27 | 1 46.25 | — 1 24.9 | 2.649 | 3.445 | 11.1 | 21.5 | 11 27 | 1 37.51 | +19 59.9 | 1.464 | 2.335 | 14.4 | 20.4 |
| 38273 | 1999 <i>RN</i> ₄₂ | 10 26.9 73°03 | 2°9/24.8 18 | | | | 421584 | 2014 <i>OR</i> ₁₉₇ | 10 27.0 343°68 | 4°4/30.7 17 | | | |
| 9 18 | 2 33.08 | + 5 2.7 | 2.108 | 2.923 | 13.6 | 18.8 | 9 18 | 2 31.07 | +26 4.6 | 2.122 | 2.880 | 15.4 | 21.1 |
| 9 28 | 2 28.46 | + 4 43.3 | 2.039 | 2.934 | 10.6 | 18.7 | 9 28 | 2 27.43 | +26 30.2 | 2.031 | 2.876 | 12.8 | 20.9 |
| 10 8 | 2 21.85 | + 4 20.9 | 1.993 | 2.945 | 7.2 | 18.5 | 10 8 | 2 21.50 | +26 40.3 | 1.959 | 2.872 | 9.8 | 20.7 |
| 10 18 | 2 13.80 | + 3 59.0 | 1.973 | 2.955 | 4.0 | 18.3 | 10 18 | 2 13.80 | +26 33.2 | 1.911 | 2.869 | 6.7 | 20.5 |
| 10 28 | 2 5.12 | + 3 41.6 | 1.982 | 2.966 | 3.2 | 18.3 | 10 28 | 2 5.16 | +26 9.3 | 1.889 | 2.866 | 4.5 | 20.4 |
| 11 7 | 1 56.71 | + 3 32.4 | 2.019 | 2.977 | 5.9 | 18.5 | 11 7 | 1 56.61 | +25 31.7 | 1.895 | 2.863 | 5.3 | 20.4 |
| 11 17 | 1 49.39 | + 3 33.8 | 2.084 | 2.988 | 9.2 | 18.7 | 11 17 | 1 49.15 | +24 45.4 | 1.929 | 2.861 | 8.1 | 20.6 |
| 11 27 | 1 43.84 | + 3 47.6 | 2.174 | 2.998 | 12.2 | 18.9 | 11 27 | 1 43.60 | +23 57.1 | 1.989 | 2.859 | 11.2 | 20.8 |
| 230195 | 2001 <i>SA</i> ₁₄₅ | 10 26.9 56°27 | 3°3/29.1 18 | | | | 232931 | 2005 <i>AF</i> ₅₁ | 10 27.0 205°89 | 4°5/22.3 18 | | | |
| 9 18 | 2 35.37 | +21 22.5 | 1.449 | 2.248 | 19.5 | 20.2 | 9 18 | 2 28.38 | + 0 16.7 | 2.447 | 3.269 | 11.8 | 20.5 |
| 9 28 | 2 31.48 | +21 39.8 | 1.383 | 2.259 | 15.8 | 20.0 | 9 28 | 2 24.62 | — 0 41.0 | 2.372 | 3.268 | 9.3 | 20.4 |
| 10 8 | 2 24.54 | +21 38.8 | 1.334 | 2.271 | 11.5 | 19.8 | 10 8 | 2 19.19 | — 1 39.8 | 2.321 | 3.267 | 6.7 | 20.2 |
| 10 18 | 2 15.29 | +21 18.9 | 1.308 | 2.283 | 6.8 | 19.6 | 10 18 | 2 12.53 | — 2 35.1 | 2.296 | 3.266 | 4.8 | 20.1 |
| 10 28 | 2 4.95 | +20 42.3 | 1.307 | 2.296 | 3.3 | 19.4 | 10 28 | 2 5.31 | — 3 21.5 | 2.300 | 3.265 | 5.0 | 20.1 |
| 11 7 | 1 55.02 | +19 54.8 | 1.333 | 2.308 | 5.7 | 19.6 | 11 7 | 1 58.25 | — 3 54.9 | 2.333 | 3.264 | 7.0 | 20.2 |
| 11 17 | 1 46.81 | +19 4.5 | 1.384 | 2.321 | 10.1 | 19.9 | 11 17 | 1 52.05 | — 4 12.5 | 2.392 | 3.263 | 9.6 | 20.4 |
| 11 27 | 1 41.29 | +18 19.6 | 1.459 | 2.334 | 14.2 | 20.2 | 11 27 | 1 47.27 | — 4 13.0 | 2.475 | 3.262 | 12.0 | 20.6 |
| 317923 | 2003 <i>UJ</i> ₃₃₈ | 10 26.9 103°84 | 1°0/25.9 18 | | | | 388918 | 2008 <i>SB</i> ₁₂₁ | 10 27.0 105°56 | 1°1/27.8 18 | | | |
| 9 18 | 2 29.41 | +12 10.6 | 2.425 | 3.226 | 12.4 | 21.5 | 9 18 | 2 34.79 | +16 56.5 | 1.735 | 2.534 | 16.7 | 21.5 |
| 9 28 | 2 25.41 | +11 35.5 | 2.349 | 3.237 | 9.7 | 21.3 | 9 28 | 2 30.52 | +16 56.1 | 1.657 | 2.539 | 13.3 | 21.3 |
| 10 8 | 2 19.69 | +10 52.2 | 2.297 | 3.247 | 6.5 | 21.2 | 10 8 | 2 23.67 | +16 42.7 | 1.600 | 2.544 | 9.3 | 21.1 |
| 10 18 | 2 12.75 | +10 3.8 | 2.271 | 3.257 | 3.1 | 21.0 | 10 18 | 2 14.84 | +16 17.2 | 1.567 | 2.549 | 4.8 | 20.8 |
| 10 28 | 2 5.25 | + 9 14.0 | 2.274 | 3.266 | 1.2 | 20.8 | 10 28 | 2 5.05 | +15 42.5 | 1.561 | 2.553 | 1.1 | 20.6 |
| 11 7 | 1 57.97 | + 8 27.4 | 2.308 | 3.276 | 4.4 | 21.1 | 11 7 | 1 55.52 | +15 4.0 | 1.583 | 2.558 | 5.0 | 20.9 |
| 11 17 | 1 51.61 | + 7 48.1 | 2.370 | 3.285 | 7.7 | 21.3 | 11 17 | 1 47.36 | +14 27.4 | 1.632 | 2.563 | 9.4 | 21.1 |
| 11 27 | 1 46.75 | + 7 19.4 | 2.458 | 3.295 | 10.5 | 21.5 | 11 27 | 1 41.45 | +13 58.6 | 1.706 | 2.567 | 13.2 | 21.4 |
| 452905 | 2006 <i>UE</i> ₃₃₅ | 10 26.9 65°47 | 0°3/26.8 18 | | | | 188969 | 2008 <i>DH</i> ₃₈ | 10 27.0 283°00 | 0°2/27.2 18 | | | |
| 9 18 | 2 32.88 | +13 24.2 | 1.885 | 2.692 | 15.3 | 21.4 | 9 18 | 2 30.52 | +15 31.5 | 2.064 | 2.864 | 14.4 | 20.8 |
| 9 28 | 2 28.69 | +13 14.3 | 1.812 | 2.701 | 12.0 | 21.2 | 9 28 | 2 26.79 | +15 11.9 | 1.976 | 2.861 | 11.4 | 20.6 |
| 10 8 | 2 22.21 | +12 54.7 | 1.760 | 2.710 | 8.2 | 21.0 | 10 8 | 2 20.94 | +14 40.8 | 1.910 | 2.857 | 7.8 | 20.3 |
| 10 18 | 2 14.05 | +12 27.5 | 1.733 | 2.719 | 3.9 | 20.7 | 10 18 | 2 13.48 | +14 0.2 | 1.870 | 2.854 | 3.9 | 20.1 |
| 10 28 | 2 5.11 | +11 56.2 | 1.734 | 2.728 | 0.6 | 20.5 | 10 28 | 2 5.20 | +13 13.5 | 1.857 | 2.851 | 0.4 | 19.8 |
| 11 7 | 1 56.44 | +11 25.7 | 1.764 | 2.737 | 4.9 | 20.8 | 11 7 | 1 57.08 | +12 26.0 | 1.873 | 2.847 | 4.5 | 20.1 |
| 11 17 | 1 49.00 | +11 0.5 | 1.821 | 2.746 | 8.9 | 21.1 | 11 17 | 1 50.01 | +11 42.8 | 1.917 | 2.844 | 8.5 | 20.4 |
| 11 27 | 1 43.55 | +10 44.8 | 1.903 | 2. | | | | | | | | | |