

| Name | T | q au | P yr | H | G | Circumstances at brightest | | | | |
|-------------------------------|------------|---------|---------|-------|-----|----------------------------|-------|-------|------|--|
| | | | | | | Date | Dec | Elong | Mag | |
| 333P/LINEAR | 2024-11-29 | 1.11 | 8.67 | 10.7* | 8.0 | Jan 1 | +43.5 | 76 | 12.2 | |
| 37P/Forbes | 2024-10-11 | 1.62 | 6.44 | 7.3* | 6.6 | Jan 1 | -15.5 | 32 | 13.6 | |
| C/2022 E2 (ATLAS) | 2024-09-14 | 3.67 | | 5.0 | 4.0 | Jan 1 | +63.2 | 121 | 13.3 | |
| C/2023 A3 (Tsuchinshan-ATLAS) | 2024-09-27 | 0.39 | | 6.5 | 3.2 | Jan 1 | +6.3 | 32 | 11.1 | |
| C/2023 C2 (ATLAS) | 2024-11-16 | 2.37 | | 7.0 | 4.0 | Jan 1 | -12.0 | 23 | 13.4 | |
| 195P/Hill | 2025-08-03 | 4.44 | 16.42 | 8.5 | 4.0 | Jan 10 | -8.6 | 147 | 17.9 | |
| C/2024 G3 (ATLAS) | 2025-01-13 | 0.09 | | 9.0 | 4.0 | Jan 13 | -16.5 | -5 | -1.3 | |
| P/2010 A3 (Hill) | 2025-03-11 | 1.62 | 15.07 | 14.0 | 4.0 | Jan 26 | +20.7 | 97 | 16.8 | |
| 249P/LINEAR | 2025-02-01 | 0.50 | 4.60 | 15.5 | 4.0 | Feb 1 | -15.7 | -4 | 13.3 | |
| P/2023 S1 | 2025-02-24 | 2.62 | 7.54 | 11.5 | 4.0 | Feb 3 | +18.8 | 176 | 16.8 | |
| C/2024 A1 (ATLAS) | 2025-06-13 | 3.88 | | 7.0 | 4.0 | Feb 8 | -13.6 | 132 | 15.6 | |
| C/2024 J2 (Wierzchos) | 2025-03-19 | 1.81 | | 11.5 | 4.0 | Feb 27 | +24.5 | 33 | 16.2 | |
| C/2023 H5 (Lemmon) | 2025-06-30 | 4.31 | | 7.0 | 4.0 | Mar 4 | +58.0 | 127 | 16.3 | |
| P/2019 Y3 (Catalina) | 2025-03-03 | 0.93 | 5.24 | 18.5 | 4.0 | Mar 12 | +38.1 | 71 | 15.8 | |
| 323P/SOHO | 2025-03-14 | 0.04 | 4.15 | 20.0 | 4.0 | Mar 14 | -3.9 | -3 | 6.7 | |
| 21P/Giacobini-Zinner | 2025-03-25 | 1.01 | 6.53 | 9.4* | 5.8 | Mar 25 | +4.5 | 3 | 11.0 | |
| 49P/Arend-Rigaux | 2025-04-10 | 1.43 | 6.74 | 11.3 | 4.4 | Mar 30 | +11.1 | 46 | 14.5 | |
| C/2023 F3 (ATLAS) | 2025-02-02 | 5.19 | | 6.0 | 4.0 | Apr 2 | -44.2 | -138 | 16.4 | |
| 48P/Johnson | 2025-03-02 | 2.01 | 6.55 | 8.5* | 4.0 | Apr 3 | -9.8 | -24 | 13.9 | |
| C/2023 T3 (Fuls) | 2025-01-25 | 3.55 | | 8.5 | 4.0 | Apr 6 | -34.5 | -152 | 16.2 | |
| 323P-C/SOHO | 2025-04-07 | 0.04 | 4.22 | 27.0 | 4.0 | Apr 7 | +5.7 | -2 | 13.1 | |
| C/2024 L5 (ATLAS) | 2025-03-10 | 3.43 | | 9.0 | 4.0 | Apr 9 | -24.2 | -163 | 16.3 | |
| P/2010 H2 (Vales) | 2025-03-09 | 3.08 | 7.50 | 6.0 | 4.0 | Apr 9 | +6.4 | -165 | 12.5 | |
| C/2024 G2 (ATLAS) | 2025-06-13 | 5.35 | | 7.0 | 4.0 | Apr 13 | -38.9 | 141 | 17.6 | |
| 217P/LINEAR | 2025-05-24 | 1.23 | 7.84 | 9.9* | 4.3 | May 25 | +6.5 | -29 | 12.4 | |
| 164P/Christensen | 2025-05-27 | 1.68 | 6.98 | 11.0 | 4.0 | May 30 | +15.1 | -9 | 15.4 | |
| 105P/SingerBrewster | 2025-01-22 | 2.05 | 6.47 | 11.5 | 6.0 | June 2 | -5.1 | -121 | 17.8 | |
| P/2011 CR42 (Catalina) | 2025-01-12 | 2.53 | 6.58 | 9.0 | 4.0 | June 11 | -30.4 | -161 | 14.4 | |
| 65P/Gunn | 2025-06-16 | 2.93 | 7.68 | 7.8* | 3.7 | June 29 | -31.5 | -172 | 13.6 | |
| 60P/Tsuchinshan | 2025-07-20 | 1.65 | 6.63 | 11.3* | 2.9 | July 18 | +18.9 | 5 | 15.0 | |
| P/2003 QX29 (NEAT) | 2025-08-07 | 4.23 | 22.64 | 8.5 | 4.0 | July 23 | -11.8 | 171 | 17.3 | |
| 47P/Ashbrook-Jackson | 2025-10-27 | 2.81 | 8.36 | 5.3* | 6.0 | Sept 11 | -11.5 | 172 | 13.4 | |

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|-------------------------|------------|------|-------|-------|------|---------|-------|------|------|
| P/2016 G1 (PANSTARRS) | 2025-05-16 | 2.04 | 4.15 | 14.0 | 4.0 | Sept 12 | +10.6 | -161 | 17.6 |
| 414P/STEREO | 2025-09-26 | 0.52 | 4.67 | 19.0 | 4.0 | Sept 22 | +8.2 | -27 | 16.6 |
| 331P/Gibbs | 2025-12-22 | 2.88 | 5.21 | 12.0 | 4.0 | Oct 23 | +13.1 | -178 | 18.0 |
| C/2022 N2 (PANSTARRS) | 2025-07-31 | 3.83 | | 6.0 | 4.0 | Oct 31 | +26.5 | -159 | 14.3 |
| 210P/Christensen | 2025-11-22 | 0.52 | 5.62 | 12.9* | 2.1 | Nov 15 | -25.8 | -8 | 9.8 |
| 40P/Vaisala | 2025-11-11 | 1.82 | 11.06 | 5.2* | 10.9 | Nov 22 | -2.9 | -36 | 14.3 |
| 240P/NEAT | 2025-12-19 | 2.12 | 7.59 | 5.4* | 6.4 | Nov 28 | +7.4 | 164 | 11.0 |
| C/2023 X2 (Lemmon) | 2025-12-26 | 5.09 | | 8.5 | 3.2 | Dec 13 | +85.6 | -109 | 17.5 |
| 198P/ODAS | 2025-10-09 | 2.00 | 6.81 | 9.0 | 4.0 | Dec 14 | +25.0 | -156 | 12.4 |
| 323P-B/SOHO | 2025-12-16 | 0.04 | 4.91 | 26.0 | 4.0 | Dec 16 | -23.5 | 0 | 12.8 |
| P/1999 XN120 (Catalina) | 2025-12-22 | 3.30 | 8.55 | 13.5 | 2.0 | Dec 18 | +25.7 | -178 | 17.9 |
| 171P/Spahr | 2025-09-25 | 1.77 | 6.69 | 13.5 | 4.0 | Dec 28 | +24.0 | -116 | 17.0 |
| 141P-E/Machholz | 1994-09-19 | 0.75 | 5.23 | 11.9* | 8.9 | Dec 31 | -11.7 | 28 | 12.6 |
| 141P-F/Machholz | 1994-09-19 | 0.75 | 5.22 | 11.9* | 8.9 | Dec 31 | -9.9 | 36 | 10.8 |
| 141P-G/Machholz | 2025-12-25 | 0.75 | 5.21 | 11.9* | 8.9 | Dec 31 | -8.2 | 49 | 8.7 |
| 141P-H/Machholz | 2015-08-24 | 0.76 | 5.22 | 11.9* | 8.9 | Dec 31 | -10.8 | 31 | 11.9 |
| 24P/Schaumasse | 2026-01-08 | 1.18 | 8.17 | 7.9* | 8.8 | Dec 31 | +14.6 | -95 | 8.4 |
| 43P/Wolf-Harrington | 2025-08-05 | 2.44 | 9.01 | 6.7* | 6.6 | Dec 31 | -7.2 | -107 | 15.4 |
| 63P/Wild | 2026-07-06 | 1.97 | 13.39 | 8.1* | 4.0 | Dec 31 | +53.3 | 150 | 13.5 |
| 78P/Gehrels | 2026-06-24 | 2.01 | 7.22 | 4.6* | 6.8 | Dec 31 | -10.2 | 44 | 13.7 |
| 88P/Howell | 2026-03-18 | 1.36 | 5.48 | 5.4* | 7.3 | Dec 31 | -22.5 | -25 | 11.0 |
| C/2022 QE78 (ATLAS) | 2025-09-10 | 5.48 | | 5.0 | 4.0 | Dec 31 | +24.2 | -142 | 15.8 |
| C/2022 R6 (PANSTARRS) | 2025-08-25 | 6.57 | | 5.0 | 4.0 | Dec 31 | -11.4 | -132 | 17.1 |
| C/2024 E1 (Wierzchos) | 2026-01-20 | 0.57 | | 7.0 | 4.0 | Dec 31 | -25.5 | 5 | 6.8 |

* => magnitude parameters taken from <https://people.ast.cam.ac.uk/~jds/magpars.htm>

Negative elongations are morning, positive are evening