

| T | Pyr   | q(AU) | H    | G    | S      | Peak   | Dec   | Elong | Mag  | Name                        |
|---|-------|-------|------|------|--------|--------|-------|-------|------|-----------------------------|
|   |       |       | 5.35 | 7.0  | 4.0    | Jan-01 | 31.2  | -133  | 17.7 | C/2020 U4 (PANSTARRS)       |
|   |       |       | 0.62 | 8.5  | 4.0    | Jan-01 | -35.4 | -39   | 6.0  | C/2021 A1 (Leonard)         |
|   | 7.48  |       | 1.62 | 9.7  | 3.4 *  | Jan-01 | 7.4   | -164  | 12.2 | 4P/Faye                     |
|   | 13.64 |       | 1.03 | 7.9  | 4.2 *  | Jan-01 | -53.3 | 44    | 13.2 | 8P/Tuttle                   |
|   | 7.60  |       | 1.78 | 6.6  | 8.1 *  | Jan-01 | -4.0  | 91    | 13.6 | 52P/Harrington-Abell        |
|   | 6.43  |       | 1.21 | 11.0 | 4.0    | Jan-01 | 28.6  | 149   | 10.9 | 67P/Churyumov-Gerasimenko   |
|   | 10.39 |       | 2.57 | 4.6  | 6.0 *  | Jan-01 | -4.5  | -97   | 12.6 | 97P/Metcalf-Brewington      |
|   | 8.06  |       | 2.86 | 2.5  | 6.0 *  | Jan-01 | -28.4 | -32   | 13.3 | 246P/NEAT                   |
|   | 5.31  |       | 0.05 | 9.0  | 4.0    | Jan-01 | -29.7 | 12    | 13.6 | 342P/SOHO                   |
|   | 6.67  |       | 1.53 | 13.0 | 4.0    | Jan-02 | -12.6 | -29   | 16.7 | 205P/Giacobini              |
|   |       |       | 3.55 | 4.5  | 4.0    | Jan-07 | 31.8  | -171  | 12.1 | C/2019 L3 (ATLAS)           |
|   | 7.62  |       | 1.16 | 11.5 | 4.0    | Jan-08 | -15.0 | -47   | 13.2 | 181P/Shoemaker-Levy         |
|   |       |       | 3.76 | 8.0  | 4.0    | Jan-12 | 88.0  | -110  | 16.5 | C/2020 U5 (PANSTARRS)       |
|   | 5.74  |       | 1.07 | 9.6  | 8.0 *  | Jan-15 | -1.3  | -80   | 9.3  | 104P/Kowal                  |
|   | 6.85  |       | 1.31 | 6.6  | 5.6 *  | Jan-22 | -3.0  | -72   | 8.7  | 19P/Borrelly                |
|   |       |       | 2.95 | 9.0  | 4.0    | Feb-07 | 86.7  | -105  | 15.7 | C/2021 D2 (ZTF)             |
|   | 25.12 |       | 2.06 | 15.0 | 2.0    | Feb-14 | 24.9  | -159  | 16.9 | P/1997 B1 (Kobayashi)       |
|   | 6.42  |       | 1.57 | 13.0 | 4.0    | Feb-27 | -0.5  | -45   | 16.6 | 230P/LINEAR                 |
|   | 5.58  |       | 1.54 | 3.2  | 15.3 * | Mar-15 | -22.9 | 64    | 11.6 | 9P/Tempel                   |
|   | 6.52  |       | 2.20 | 4.1  | 8.8 *  | Mar-28 | 19.2  | -130  | 13.1 | 116P/Wild                   |
|   | 6.74  |       | 1.19 | 15.0 | 4.0    | Apr-01 | -11.2 | 31    | 17.2 | 319P/Catalina-McNaught      |
|   | 6.38  |       | 1.55 | 7.0  | 6.0 *  | Apr-02 | -13.6 | 50    | 11.4 | 22P/Kopff                   |
|   |       |       | 3.13 | 6.5  | 4.0    | Apr-05 | -61.0 | -96   | 13.9 | C/2020 Y2 (ATLAS)           |
|   |       |       | 4.24 | 5.0  | 4.0    | Apr-09 | -19.7 | -157  | 13.9 | C/2019 T4 (ATLAS)           |
|   | 15.10 |       | 4.71 | 4.5  | 6.0 *  | Apr-14 | -8.5  | -179  | 17.4 | 99P/Kowal                   |
|   | 5.33  |       | 0.56 | 12.1 | 6.0 *  | Apr-26 | 15.0  | -8    | 9.2  | 45P/Honda-Mrkos-Pajdusakova |
|   | 6.36  |       | 2.02 | 8.9  | 6.0 *  | Apr-29 | 29.6  | -116  | 14.9 | 100P/Hartley                |
|   | 6.61  |       | 1.43 | 14.0 | 4.0    | Apr-29 | -16.5 | 92    | 15.8 | 325P/Yang-Gao               |
|   | 7.42  |       | 2.68 | 6.5  | 8.0 *  | May-23 | -16.6 | 170   | 16.2 | 135P/Shoemaker-Levy         |
|   |       |       | 1.78 | 8.5  | 4.0    | Jun-02 | -80.0 | 106   | 11.4 | C/2021 E3 (ZTF)             |
|   | 6.84  |       | 2.26 | 8.5  | 6.0 *  | Jun-20 | -33.0 | 136   | 15.3 | 86P/Wild                    |
|   | 4.20  |       | 0.60 | 16.0 | 2.0 *  | Jun-29 | 20.1  | 33    | 15.4 | 169P/NEAT                   |
|   | 8.25  |       | 3.04 | 0.3  | 9.1 *  | Jul-03 | -31.7 | -171  | 12.8 | 117P/Helin-Roman-Alu        |
|   |       |       | 2.96 | 7.0  | 3.2    | Jul-19 | -59.7 | -138  | 12.5 | C/2020 R7 (ATLAS)           |
|   | 4.25  |       | 0.97 | 15.0 | 2.0 *  | Jul-27 | 21.0  | 83    | 13.1 | 107P/Wilson-Harrington      |
|   | 5.44  |       | 0.97 | 11.5 | 6.0 *  | Sep-01 | -18.2 | -58   | 11.4 | 73P/Schwassmann-Wachmann    |
|   | 5.44  |       | 0.97 | 11.5 | 6.0 *  | Sep-03 | -18.7 | -57   | 11.4 | 73P-T/Schwassmann-Wachmann  |
|   | 5.05  |       | 0.85 | 9.0  | 4.0    | Sep-03 | 17.7  | 30    | 9.3  | 255P/Levy                   |
|   | 12.97 |       | 2.79 | 11.5 | 4.0    | Sep-07 | 0.6   | 159   | 17.5 | 420P/Hill                   |
|   | 11.08 |       | 2.32 | 13.5 | 4.0    | Sep-09 | -9.1  | 170   | 17.8 | P/2011 Q3 (McNaught)        |
|   | 5.42  |       | 1.05 | 11.0 | 10.4 * | Sep-14 | 1.0   | -17   | 13.0 | 41P/Tuttle-Giacobini-Kresak |
|   | 6.72  |       | 1.56 | 16.0 | 4.0    | Sep-16 | -8.6  | 142   | 17.0 | 327P/Van Ness               |
|   | 7.09  |       | 2.11 | 8.3  | 6.0    | Sep-17 | 27.2  | 115   | 15.2 | 44P/Reinmuth                |
|   | 16.27 |       | 4.41 | 8.0  | 4.0    | Sep-27 | 2.6   | 170   | 17.3 | 382P/Larson                 |
|   | 6.88  |       | 1.86 | 13.0 | 4.0    | Oct-04 | -4.0  | 6     | 18.0 | 214P/LINEAR                 |
|   | 6.69  |       | 1.57 | 10.0 | 4.0    | Oct-11 | 17.2  | 62    | 13.3 | 157P/Tritton                |
|   | 7.08  |       | 2.12 | 6.0  | 10.0   | Oct-17 | 1.5   | -172  | 14.5 | 61P/Shajn-Schaldach         |
|   | 7.46  |       | 2.52 | 13.0 | 4.0    | Oct-22 | 3.7   | 170   | 18.0 | P/2007 S1 (Zhao)            |
|   | 6.41  |       | 2.21 | 11.0 | 6.0    | Oct-25 | 31.6  | 153   | 17.0 | 127P/Holt-Olmstead          |
|   | 7.41  |       | 2.17 | 13.5 | 4.0    | Oct-28 | 20.0  | 173   | 17.2 | 196P/Tichy                  |
|   | 14.46 |       | 4.12 | 2.5  | 8.0    | Nov-29 | 7.3   | 158   | 17.6 | 179P/Jedicke                |
|   | 8.07  |       | 1.61 | 8.5  | 6.0 *  | Dec-11 | -27.7 | 11    | 13.7 | 80P/Peters-Hartley          |
|   | 10.83 |       | 3.92 | 9.0  | 4.0    | Dec-23 | 26.4  | 177   | 17.3 | 244P/Scotti                 |
|   | 7.45  |       | 2.33 | 9.0  | 3.2 *  | Dec-27 | 21.5  | 157   | 13.2 | 119P/Parker-Hartley         |
|   |       |       | 1.80 | 1.5  | 4.0    | Dec-31 | -64.7 | 42    | 6.0  | C/2017 K2 (PANSTARRS)       |
|   |       |       | 3.62 | 4.5  | 4.0    | Dec-31 | 3.8   | 75    | 13.1 | C/2019 U5 (PANSTARRS)       |
|   |       |       | 3.07 | 5.5  | 4.0    | Dec-31 | -25.1 | 4     | 13.9 | C/2020 K1 (PANSTARRS)       |
|   |       |       | 2.23 | 4.9  | 4.0    | Dec-31 | 81.7  | -117  | 10.7 | C/2020 V2 (ZTF)             |
|   | 5.56  |       | 1.59 | 10.5 | 2.4 *  | Dec-31 | -25.0 | 15    | 13.7 | 71P/Clark                   |
|   | 6.41  |       | 1.60 | 3.3  | 9.9 *  | Dec-31 | -12.4 | 60    | 9.7  | 81P/Wild                    |
|   | 7.11  |       | 2.14 | 12.5 | 2.0 *  | Dec-31 | 12.0  | 132   | 16.0 | 113P/Spitaler               |
|   | 6.15  |       | 1.83 | 9.3  | 3.8 *  | Dec-31 | 8.6   | 146   | 11.8 | 118P/Shoemaker-Levy         |
|   | 6.81  |       | 1.84 | 14.0 | 4.0    | Dec-31 | 14.6  | 129   | 17.0 | 204P/LINEAR-NEAT            |
|   | 6.68  |       | 2.33 | 12.5 | 4.0    | Dec-31 | 15.0  | 108   | 17.7 | 211P/Hill                   |
|   | 6.58  |       | 1.99 | 4.2  | 8.0 *  | Dec-31 | -24.1 | 43    | 13.5 | 237P/LINEAR                 |
|   | 5.32  |       | 1.24 | 9.0  | 4.0    | Dec-31 | 16.3  | 130   | 8.2  | 263P/Gibbs                  |