

BINARY ASTEROID PARAMETERS

| Asteroid/satellite | D_p | D_s/D_p | D_s | Per_p | Per_s | Per_{orb} | a | a/D_p | ρ_p | a' |
|---------------------------|-------|-----------|--------|-----------|-----------|-------------|--------|---------|----------|-------|
| 22 Kalliope/ Linus | 170 | 0.213 | 36 | 4.1482 | | 86.16 | 1065 | 6.3 | 2.5 | 2.910 |
| 45 Eugenia/ Petit-Prince | 195 | 0.036 | 7.0 | 5.6991 | | 114.38 | 1184 | 6.1 | 1.1 | 2.724 |
| 87 Sylvia/ Romulus | 256 | 0.063 | 16 | 5.1836 | | 87.59 | 1356 | 5.3 | 1.5 | 3.493 |
| 90 Antiope/ S/2000 1 | 86.7 | 0.955 | 82.8 | 16.5051 | 16.5051 | 16.5051 | 171 | 1.97 | 1.26 | 3.154 |
| 107 Camilla/ S/2001 1 | 206 | 0.050 | 10 | 4.8439 | | 89.04 | 1235 | 6.0 | 1.9 | 3.495 |
| 121 Hermione/ S/2002 1 | (205) | 0.066 | (14) | 5.5513 | | 61.97 | 768 | (3.7) | (1.1) | 3.448 |
| 130 Elektra/ S/2003 1 | 179 | 0.026 | 4.7 | 5.225 | | (94.1) | (1252) | (7.0) | (3.0) | 3.124 |
| 243 Ida/ Dactyl | 28.1 | 0.048 | 1.34 | 4.6336 | | | | | 2.7 | 2.860 |
| 283 Emma/ S/2003 1 | 145 | 0.079 | 11 | 6.888 | | 80.74 | 596 | 4.1 | 0.8 | 3.046 |
| 379 Huenna/ S/2003 1 | 90 | 0.078 | 7.0 | (7.022) | | 1939 | 3400 | 38 | 1.2 | 3.136 |
| 617 Patroclus/ Menoetius | 101 | 0.92 | 93 | (102.8) | | 102.8 | 680 | 6.7 | 1.3 | 5.218 |
| 624 Hektor/ S/2006 1 | 220 | 0.05 | 11 | 6.92051 | | | (1700) | (8) | | 5.242 |
| 762 Pulcova | 133 | 0.16 | 21 | 5.839 | | 96 | 810 | 6.1 | 1.9 | 3.157 |
| 809 Lundia | 6.9 | 0.89 | 6.1 | 15.418 | 15.418 | 15.418 | (15) | (2.2) | (2.0) | 2.283 |
| 854 Frostia | 5.7 | 0.98 | 6 | (37.711) | (37.711) | 37.711 | (24) | (4.1) | (2.0) | 2.368 |
| 939 Isberga | 10.56 | 0.29 | 3.1 | 2.9173 | | 26.8 | (28) | (2.6) | (2.0) | 2.246 |
| 1052 Belgica | 9.8 | (0.36) | (3.5) | 2.7097 | | 47.26 | (38) | (3.9) | (2.0) | 2.236 |
| 1089 Tama | 9.1 | 0.9 | 8 | (16.4461) | (16.4461) | 16.4461 | (21) | (2.3) | (2.0) | 2.214 |
| 1139 Atami | 5 | 0.8 | 4.0 | (27.45) | (27.45) | 27.45 | (15) | (3.1) | (2.0) | 1.947 |
| 1313 Berna | 9.5 | 0.97 | 9.2 | (25.464) | (25.464) | 25.464 | (30) | (3.1) | (2.0) | 2.656 |
| 1338 Duponta | 7.7 | 0.24 | 1.8 | 3.85453 | | 17.5680 | (15) | (2.0) | (2.0) | 2.264 |
| 1453 Fennia | 6.33 | 0.28 | 1.8 | 4.4121 | (23.1) | 23.00351 | (16) | (2.6) | (2.0) | 1.897 |
| 1509 Esclangona/ S/2003 1 | 8.5 | 0.33 | 2.8 | 3.25283 | 6.6422 | (768) | (210) | (25) | (2.0) | 1.866 |
| 1717 Arlon | 7.8 | (0.6) | (4.7) | (5.148) | (18.23) | 117.0 | (59) | (7.5) | (2.0) | 2.196 |
| 1727 Mette | 9 | (0.20) | (1.8) | 2.98109 | | 20.99 | (21) | (2.2) | (2.0) | 1.854 |
| 1798 Watts | 6.8 | 0.25 | 1.7 | 3.5060 | | 26.96 | (18) | (2.6) | (2.0) | 2.200 |
| 1830 Pogson | 8.0 | (0.30) | (2.4) | 2.57003 | | 24.24580 | (20) | (2.5) | (2.0) | 2.188 |
| 1862 Apollo | 1.55 | 0.05 | 0.075 | 3.06545 | | | | | (2.0) | 1.470 |
| 1866 Sisyphus | 6.8 | (0.1) | (0.7) | 2.400 | | | | | | 1.894 |
| 2006 Polonskaya | 4.7 | (0.23) | (1.1) | (3.1180) | | 19.153 | (9.8) | (2.1) | (2.0) | 2.325 |
| 2044 Wirt | 6.0 | 0.25 | 1.5 | 3.6897 | | 18.970 | (13) | (2.1) | (2.0) | 2.380 |
| 2047 Smetana | 3.06 | 0.21 | 0.64 | 2.4970 | | 22.43 | (7.1) | (2.3) | (2.0) | 1.872 |
| 2121 Sevastopol | 8.6 | 0.41 | 3.5 | 2.90660 | 37.13 | 37.1536 | (29) | (3.3) | (2.0) | 2.183 |
| 2131 Mayall | 8.2 | 0.30 | 2.5 | 2.5678 | 23.47 | 23.4849 | (20) | (2.4) | (2.0) | 1.887 |
| 2178 Kazakhstania | 4.8 | 0.26 | 1.3 | 3.0183 | 18.52 | 18.504 | (10.0) | (2.1) | (2.0) | 2.208 |
| 2242 Balaton | 5.9 | 0.30 | 1.8 | 2.79792 | | 12.96 | (9.6) | (1.6) | (2.0) | 2.208 |
| 2343 Siding Spring | 5.0 | 0.25 | 1.3 | 2.10637 | | 11.789 | (7.6) | (1.5) | (2.0) | 2.335 |
| 2478 Tokai | 7.6 | 0.86 | 6.6 | 25.897 | 25.897 | 25.897 | (23) | (3.0) | (2.0) | 2.225 |
| 2486 Metsähovi | 8.0 | 0.30 | 2.4 | 4.4521 | 2.64040 | 172.6 | (73) | (9.1) | (2.0) | 2.269 |
| 2491 Tvashtri | 3.1 | 0.30 | 0.9 | 4.0852 | | 26.712 | (8.1) | (2.6) | (2.0) | 1.878 |
| 2535 Hämeenlinna | 9.1 | 0.25 | 2.3 | 3.23106 | 21.23 | 21.23 | (20) | (2.2) | (2.0) | 2.240 |
| 2577 Litva | 5.7 | (0.34) | (1.9) | 2.81292 | | 35.8723 | (18) | (3.2) | (2.0) | 1.904 |
| 2623 Zech | 6.8 | (0.29) | (2.0) | 2.7401 | 18.718 | 117.2 | (48) | (7.1) | (2.0) | 2.255 |
| 2691 Sersic | 5.00 | (0.43) | (2.15) | 3.8811 | | 26.81 | (13.5) | (2.7) | (2.0) | 2.246 |
| 2754 Efimov | 4.8 | 0.22 | 1.0 | 2.44967 | | 14.77578 | (8.4) | (1.8) | (2.0) | 2.228 |
| 2815 Soma | 6.9 | 0.25 | 1.7 | 2.73325 | | 17.915 | (14) | (2.0) | (2.0) | 2.234 |
| 2825 Crosby | 5.2 | 0.20 | 1.0 | 2.8135 | | 14.350 | (8.9) | (1.7) | (2.0) | 2.247 |
| 2881 Meiden | 6.8 | 0.29 | 2.0 | 3.48011 | | 20.42 | (15) | (2.2) | (2.0) | 2.247 |
| 3034 Climenhaga | 9 | (0.20) | (1.8) | 2.7376 | | (18.954) | (18) | (2.1) | (2.0) | 2.324 |
| 3073 Kursk | 4.9 | 0.25 | 1.2 | 3.4468 | | 44.96 | (18) | (3.7) | (2.0) | 2.243 |
| 3122 Florence | 4.4 | 0.05 | 0.2 | 2.3581 | | | | | | 1.769 |
| 3145 Walter Adams | 3.69 | 0.22 | 0.81 | 2.7113 | | (17.5) | (7.3) | (2.0) | (2.0) | 2.192 |
| 3309 Brorfelde | 4.4 | 0.26 | 1.2 | 2.5042 | (18.6) | 18.46444 | (9.1) | (2.0) | (2.0) | 1.817 |
| 3378 Susanvictoria | 4.8 | 0.30 | 1.4 | 2.5621 | | 17.13 | (9.3) | (2.0) | (2.0) | 2.316 |
| 3433 Fehrenbach | 7.4 | 0.31 | 2.3 | 3.9160 | 19.665 | 19.665 | (16) | (2.2) | (2.0) | 2.393 |
| 3671 Dionysus/ S/1997 1 | 1.43 | 0.2 | 0.29 | 2.7053 | | 27.74 | (3.8) | (2.7) | (2.0) | 2.198 |
| 3673 Levy | 6.3 | 0.26 | 1.6 | 2.68741 | | 21.68 | (14) | (2.3) | (2.0) | 2.345 |
| 3703 Volkonskaya | 3.46 | 0.4 | 1.4 | 3.235 | | (24) | (8.6) | (2.5) | (2.0) | 2.331 |
| 3749 Balam/ S/2002 1 | 4.1 | 0.46 | 1.9 | 2.804916 | 33.39 | 33.38 | (13) | (3.1) | (2.0) | 2.237 |
| 3782 Celle | 6.0 | 0.43 | 2.6 | 3.839 | | 36.57 | (20) | (3.3) | (2.0) | 2.415 |
| 3841 Diccico | 6.0 | 0.30 | 1.8 | 3.5949 | 21.63 | 21.63 | (14) | (2.3) | (2.0) | 2.274 |
| 3868 Mendoza | 9.3 | 0.17 | 1.6 | 2.77089 | | 12.195 | (14) | (1.5) | (2.0) | 2.333 |
| 3873 Roddy | 6.9 | (0.27) | (1.9) | 2.4797 | | 19.24 | (14) | (2.1) | (2.0) | 1.892 |
| 3905 Doppler | 7 | 0.87 | 6 | 50.8 | 50.8 | 50.8 | (34) | (4.8) | (2.0) | 2.560 |
| 3951 Zichichi | 6.4 | (0.33) | (2.11) | 3.39423 | | 27.59 | (17) | (2.7) | (2.0) | 2.339 |
| 3982 Kastel' | 5.4 | (0.8) | (4.3) | (5.8358) | (8.4865) | | | | | 2.259 |
| 4029 Bridges | 7.6 | 0.27 | 2.1 | 3.5750 | | 16.31701 | (14) | (1.9) | (2.0) | 2.525 |
| 4272 Entsuji | 7.6 | 0.18 | 1.4 | 2.8087 | | 15.945 | (14) | (1.8) | (2.0) | 2.370 |
| 4296 van Woerkom | 6.4 | 0.34 | 2.2 | 2.8087 | | 26.23 | (17) | (2.6) | (2.0) | 2.249 |
| 4383 Suruga | 6.39 | (0.19) | (1.2) | 3.4068 | (16.34) | 16.34 | (12.0) | (1.9) | (2.0) | 2.424 |
| 4435 Holt | 4.9 | 0.40 | 2.0 | 2.8670 | | 42.65 | (18) | (3.6) | (2.0) | 2.317 |
| 4492 Debussy | 12.6 | 0.93 | 12 | (26.606) | (26.606) | 26.606 | (40) | (3.2) | (2.0) | 2.766 |
| 4514 Vilen | 4.0 | 0.30 | 1.2 | 2.89224 | | 16.85 | (7.7) | (1.9) | (2.0) | 2.344 |
| 4541 Mizuno | 7.2 | 0.30 | 2.2 | 2.82784 | | 29.68 | (20) | (2.8) | (2.0) | 2.379 |
| 4607 Seilandfarm | 6.06 | 0.30 | 1.8 | 3.96822 | | 31.65 | (18) | (2.9) | (2.0) | 2.264 |

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|---------------------------------|-------|-----------|--------|----------|----------|-------------|--------|---------|----------|-------|
| 4666 Dietz | 6.3 | 0.40 | 2.5 | 2.9524 | (33.2) | 33.2 | (19) | (3.1) | (2.0) | 2.340 |
| 4674 Pauling/ S/2004 1 | 4.30 | 0.32 | 1.4 | 2.5306 | | (2791) | (250) | (58) | (2.0) | 1.859 |
| 4786 Tatianina | 3.4 | 0.19 | 0.65 | 2.9227 | | 21.67 | (7.7) | (2.3) | (2.0) | 2.361 |
| 4951 Iwamoto | 4.2 | 0.88 | 3.7 | 118.0 | 118.0 | 118.0 | (35) | (8.4) | (2.0) | 2.257 |
| 5112 Kusaji | 4.2 | 0.31 | 1.3 | 2.7995 | 20.74 | 20.74 | (9.2) | (2.2) | (2.0) | 2.175 |
| 5143 Heracles | 3.6 | 0.17 | 0.6 | 2.706 | | | | | | 1.833 |
| 5381 Sekhmet | 1.0 | 0.30 | 0.3 | 2.7 | 10 | 12.5 | 1.54 | 1.54 | 1.8 | 0.948 |
| 5402 Kejosmith | 4.9 | (0.25) | (1.2) | 2.69549 | | (16.31) | (9.1) | (1.9) | (2.0) | 2.046 |
| 5407 1992 AX | 3.7 | 0.22 | 0.8 | 2.5488 | (13.52) | 13.51 | (6.1) | (1.7) | (2.0) | 1.838 |
| 5425 Vojtěch | 6.8 | 0.25 | 1.7 | 2.64759 | | 25.43 | (17) | (2.6) | (2.0) | 2.455 |
| 5474 Gingasen | (4.1) | (0.7) | (2.9) | (3.1095) | (3.6242) | | | | | 2.383 |
| 5477 Holmes | 3.0 | 0.39 | 1.2 | 2.9940 | 24.40 | 24.4036 | (7.5) | (2.5) | (2.0) | 1.917 |
| 5481 Kiuchi | 3.6 | 0.35 | 1.27 | 3.6196 | 20.91 | 20.904 | (8.2) | (2.2) | (2.0) | 2.339 |
| 5536 Honeycutt | 8 | 0.31 | 2.4 | 3.5830 | | 16.325 | (15) | (1.9) | (2.0) | 2.249 |
| 5646 1990 TR | 1.9 | (0.5) | (0.9) | 3.1999 | (19.47) | | | | (2.0) | 2.142 |
| 5674 Wolff | 4.6 | 0.85 | 3.9 | 93.7 | 93.7 | 93.7 | (33) | (7.2) | (2.0) | 2.359 |
| 5828 1991 AM | (1.9) | | | 2.6666 | (18.34) | | | | | 1.698 |
| 5872 Sugano | 4.5 | 0.35 | 1.6 | 3.3642 | | 18.04 | (9.2) | (2.0) | (2.0) | 2.249 |
| 5899 Jedicke | 2.5 | (0.4) | (1.0) | (2.7481) | | 16.72 | (4.8) | (1.9) | (2.0) | 1.928 |
| 5905 Johnson | 4.48 | 0.38 | 1.7 | 3.7823 | 21.76 | 21.7970 | (10.4) | (2.3) | (2.0) | 1.910 |
| 6016 Carnelli | 3.5 | 0.20 | 0.70 | 2.8028 | | 21.33 | (7.8) | (2.2) | (2.0) | 2.332 |
| 6084 Bascom | 6.0 | 0.37 | 2.2 | 2.7453 | | 43.51 | (22) | (3.7) | (2.0) | 2.313 |
| 6100 Kunitomoikkansai | 5.4 | (0.45) | (2.4) | 4.3018 | | 18.46 | (11) | (2.1) | (2.0) | 2.330 |
| 6186 Zenon | 10 | 0.28 | 2.7 | (2.6832) | 14.392 | 14.392 | (17) | (1.7) | (2.0) | 2.380 |
| 6244 Okamoto | 4.8 | 0.25 | 1.2 | 2.8957 | | 20.317 | (10.4) | (2.2) | (2.0) | 2.160 |
| 6245 Ikufumi | 5.9 | 0.23 | 1.4 | 2.9222 | 15.44 | 15.439 | (10.8) | (1.8) | (2.0) | 2.302 |
| 6265 1985 TW ₃ | 4.95 | (0.32) | (1.58) | 2.7092 | | 15.86 | (9.3) | (1.9) | (2.0) | 2.166 |
| 6369 1983 UC | 3.3 | 0.37 | 1.2 | 2.39712 | 39.80 | 39.80 | (11.4) | (3.4) | (2.0) | 2.293 |
| 6615 Plutarchos | 3.04 | (0.26) | (0.79) | 2.3247 | | (40.02) | (10.4) | (3.4) | (2.0) | 2.170 |
| 7002 Bronshten | 3.3 | 0.30 | 1.0 | 2.67025 | | 13.323 | (5.4) | (1.7) | (2.0) | 2.358 |
| 7088 Ishtar | 1.05 | 0.42 | 0.44 | 2.6786 | 20.60 | 20.63 | (2.4) | (2.2) | (2.0) | 1.981 |
| 7187 Isobe | 6.0 | (0.16) | (1.0) | 4.2431 | | (32.7) | (18) | (3.0) | (2.0) | 1.938 |
| 7225 Huntress | 6.6 | 0.21 | 1.4 | 2.4400 | | 14.67 | (11.5) | (1.7) | (2.0) | 2.341 |
| 7344 Summerfield | 6.2 | 0.18 | 1.1 | 2.58975 | | 17.41 | (12.2) | (2.0) | (2.0) | 2.587 |
| 7369 Gavrilin | 4.6 | 0.7 | 3.2 | (49.12) | (49.12) | 49.12 | (20) | (4.4) | (2.0) | 2.369 |
| 7888 1993 UC | 2.7 | | | 2.3398 | | | | | | 2.436 |
| 7958 Leakey | 2.82 | (0.30) | (0.85) | 2.34843 | | 50.29 | (11.3) | (4.0) | (2.0) | 1.877 |
| 8116 Jeanperrin | 4.5 | (0.4) | (1.8) | 3.6169 | | 36.11 | (14) | (3.2) | (2.0) | 2.249 |
| 8306 Shoko | 2.4 | 0.45 | 1.1 | 3.35015 | 36.20 | 36.20 | (7.9) | (3.3) | (2.0) | 2.242 |
| 8373 Stephengould | 6 | (0.4) | (2.5) | 4.4345 | | 34.15 | (20) | (3.2) | (2.0) | 3.283 |
| 8474 Rettig | 4.2 | 0.90 | 3.8 | 30.54 | 30.54 | 30.54 | (14) | (3.4) | (2.0) | 2.224 |
| 9069 Hovland | 2.7 | (0.4) | (1.1) | 4.2175 | (30.33) | (30.33) | (7.8) | (2.9) | (2.0) | 1.913 |
| 9260 Edwardolson | 3.9 | 0.27 | 1.1 | 3.0854 | (17.75) | 17.785 | (7.8) | (2.0) | (2.0) | 2.290 |
| 9617 Grahamchapman | 2.7 | (0.27) | (0.7) | 2.28561 | | 19.387 | (5.8) | (2.1) | (2.0) | 2.224 |
| 9783 Tensho-kan | 5.1 | 0.24 | 1.2 | 3.0108 | | 29.5663 | (14) | (2.8) | (2.0) | 2.669 |
| 9972 Minoruoda | 8.5 | 0.30 | 2.5 | 3.4221 | | 22.89 | (20) | (2.4) | (2.0) | 2.290 |
| 10123 Fideőja | 3.2 | 0.36 | 1.2 | 2.8662 | | 56.46 | (14) | (4.3) | (2.0) | 2.269 |
| 10132 Lummelunda | 4.0 | 0.30 | 1.2 | 2.5099 | | 22.44 | (9.4) | (2.3) | (2.0) | 2.217 |
| 10208 Germanicus | 3.2 | 0.46 | 1.5 | 3.3484 | | 58.55 | (14) | (4.5) | (2.0) | 2.235 |
| 11217 1999 JC ₄ | (2.2) | | | 4.8219 | (9.584) | | | | | 1.944 |
| 11264 Claudiomaccone | 2.97 | 0.4 | 1.2 | 3.1872 | | 15.11 | (5.4) | (1.8) | (2.0) | 2.578 |
| 12326 Shirasaki | 3.4 | 0.30 | 1.0 | 2.7286 | | 25.06 | (9) | (2.5) | (2.0) | 2.263 |
| 13123 Tyson | 8.0 | (0.4) | (3.2) | (3.3303) | (3.862) | | | | | 2.360 |
| 15268 Wendelinefroger | 3.4 | 0.3 | 1.0 | 2.4224 | | 25.07 | (9) | (2.5) | (2.0) | 2.366 |
| 15700 1987 QD | 2.9 | (0.31) | (0.9) | 3.0586 | | | | | | 2.209 |
| 15745 Yuliya | 0.9 | 0.45 | 0.42 | 3.2486 | | 15.63 | (1.8) | (1.9) | (2.0) | 1.720 |
| 15822 Genefahnstock | 1.7 | (0.19) | (0.32) | 2.9600 | | (20.13) | (3.7) | (2.2) | (2.0) | 1.948 |
| 16525 Shumarinaiko | 5.15 | 0.20 | 1.0 | 2.5932 | | 14.409 | (8.9) | (1.7) | (2.0) | 2.399 |
| 16635 1993 QO | 3.6 | (0.35) | (1.3) | 2.2083 | (32.25) | 32.25 | (11) | (3.0) | (2.0) | 2.298 |
| 17246 Christophedumas/ S/2004 1 | 4.5 | 0.40 | 1.8 | | | 2034 | 228 | (48) | (2.0) | 2.840 |
| 17260 Kušnirák | 3.3 | 0.26 | 0.9 | 3.1287 | (14.74) | 14.7576 | (5.9) | (1.8) | (2.0) | 2.205 |
| 17700 Oleksiygolubov | 3.6 | 0.35 | 1.3 | 3.8382 | | 15.49 | (6.6) | (1.8) | (2.0) | 2.321 |
| 18527 1996 VJ ₃₀ | 4.1 | 0.32 | 1.3 | 3.35290 | 19.07 | 19.07 | (8.6) | (2.1) | (2.0) | 2.399 |
| 20325 Julianoey | 6.8 | 0.30 | 2.0 | 3.24490 | | 23.54 | (16) | (2.4) | (2.0) | 2.379 |
| 20882 Paulsánchez | 3.8 | 0.30 | 1.1 | 2.5586 | | 32.81 | (11) | (3.0) | (2.0) | 2.363 |
| 21436 Chaoyichi | 1.87 | 0.36 | 0.67 | 2.8655 | | 81.19 | (10.4) | (5.5) | (2.0) | 2.187 |
| 22899 Alconrad/ S/2003 1 | 5.4 | 0.32 | 1.7 | | | 1356 | 182 | 34 | 1.6 | 2.846 |
| 23621 1996 PA | 1.9 | 0.30 | 0.57 | 2.6649 | | 20.60 | (4.2) | (2.2) | (2.0) | 1.904 |
| 25015 Lairdclose | 3.1 | 0.45 | 1.4 | 4.4011 | | 43.98 | (12) | (3.8) | (2.0) | 2.229 |
| 25021 Nischaykumar | 2.0 | 0.28 | 0.6 | 2.5344 | 23.50 | 23.4954 | (4.8) | (2.4) | (2.0) | 2.318 |
| 26074 Carlwirtz | (2.5) | | | 2.5493 | (16.11) | | | | | 1.811 |
| 26416 1999 XM ₈₄ | 3.4 | 0.31 | 1.1 | 2.9660 | 20.78 | 20.7805 | (7.6) | (2.2) | (2.0) | 2.342 |
| 26420 1999 XL ₁₀₃ | 1.19 | (0.40) | (0.48) | 3.2 | | (47.80) | (4.7) | (3.9) | (2.0) | 2.197 |
| 26471 Tracybecker | 7.0 | 0.36 | 2.5 | 2.6868 | | 39.28 | (24) | (3.4) | (2.0) | 1.918 |
| 27568 2000 PT ₆ | 2.3 | (0.5) | (1.1) | 3.4885 | 16.35 | | | | | 1.963 |

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|-------------------------------|-------|-----------|---------|----------|----------|-------------|--------|---------|----------|-------|
| 27675 Paulmaley | 6.0 | 0.25 | 1.5 | 2.9661 | | 120.1 | (43) | (7.1) | (2.0) | 2.352 |
| 29168 1990 KJ | (4.5) | | | 2.5825 | (34.4) | | | | | 2.308 |
| 31345 1998 PG | 0.82 | (0.4) | (0.33) | (2.5162) | (14.01) | (14.01) | (1.4) | (1.7) | (2.0) | 2.016 |
| 31450 Stevreston | 10.3 | 0.25 | 2.6 | 3.4116 | | 53.47 | (43) | (4.2) | (2.0) | 2.394 |
| 32008 Adriángalád | 3.0 | (0.5) | (1.5) | 3.0171 | | 40.24 | (10.8) | (3.6) | (2.0) | 2.192 |
| 32039 2000 JO ₂₃ | 2.6 | (0.65) | (1.7) | 6.5979 | (11.099) | (360) | (43) | (16) | (2.0) | 2.223 |
| 34706 2001 OP ₈₃ | 2.8 | 0.28 | 0.78 | 2.5944 | | 20.76 | (6.1) | (2.2) | (2.0) | 2.252 |
| 35107 1991 VH/ S/2008 1 | 1.2 | 0.38 | 0.46 | 2.6237 | (12.836) | 32.67 | 3.26 | 2.72 | 1.4 | 1.137 |
| 43008 1999 UD ₃₁ | 1.8 | (0.40) | (0.72) | 2.64138 | | 16.7 | (3.5) | (1.9) | (2.0) | 2.350 |
| 44620 1999 RS ₄₃ | 1.9 | 0.39 | 0.75 | 3.1393 | 33.2 | 33.6455 | (6.0) | (3.1) | (2.0) | 2.176 |
| 46829 McMahan | 2.5 | 0.40 | 0.98 | (2.6236) | | 16.833 | (4.8) | (2.0) | (2.0) | 2.401 |
| 51356 2000 RY ₇₆ | 2.4 | (0.21) | (0.50) | (2.5572) | | 62.05 | (11) | (4.6) | (2.0) | 1.812 |
| 52316 Daveslater | 2.5 | (0.20) | (0.5) | 2.7629 | | (13.44) | (4.1) | (1.6) | (2.0) | 1.897 |
| 53432 1999 UT ₅₅ | 1.7 | (0.35) | (0.6) | (3.571) | | 14.10 | (3.0) | (1.7) | (2.0) | 1.871 |
| 65803 Didymos | 0.75 | 0.22 | 0.17 | 2.2593 | (11.91) | 11.91 | (1.14) | (1.5) | (2.0) | 1.644 |
| 66063 1998 RO ₁ | 0.8 | 0.48 | 0.38 | 2.4924 | 14.52 | 14.5458 | (1.4) | (1.8) | (2.0) | 0.991 |
| 66391*Moshup/ Squannit | 1.28 | 0.330 | 0.423 | 2.7645 | (17.422) | 17.422 | 2.548 | 1.99 | 2.0 | 0.642 |
| 69230 Hermes | 0.6 | 0.9 | 0.54 | (13.894) | (13.894) | 13.894 | (1.2) | (2.0) | (2.0) | 1.655 |
| 76818 Brianenke | 2.5 | 0.34 | 0.85 | 3.1665 | 14.132 | 14.1299 | (4.3) | (1.7) | (2.0) | 1.930 |
| 79472 Chiorny | 2.7 | (0.32) | (0.8) | 2.8802 | | 25.95 | (6.9) | (2.6) | (2.0) | 1.962 |
| 80218 1999 VO ₁₂₃ | 0.88 | 0.32 | 0.28 | 3.1451 | (33.4) | 33.10 | (2.7) | (3.1) | (2.0) | 2.219 |
| 85938 1999 DJ ₄ | 0.35 | 0.5 | 0.17 | 2.5141 | 17.70 | 17.73 | (0.7) | (2.1) | (2.0) | 1.852 |
| 88710 2001 SL ₉ | 0.70 | 0.28 | 0.19 | 2.4004 | | 16.40 | (1.3) | (1.9) | (2.0) | 1.061 |
| 99913 1997 CZ ₅ | 6.1 | 0.19 | 1.2 | 2.8351 | | 14.68 | (11) | (1.8) | (2.0) | 2.295 |
| 100015 1989 SR ₇ | 1.8 | 0.35 | 0.62 | 2.4172 | | 20.65 | (3.9) | (2.2) | (2.0) | 2.365 |
| 114319 2002 XD ₅₈ | 1.7 | (0.5) | (0.9) | (2.9649) | (7.954) | | | | (2.0) | 2.257 |
| 136617 1994 CC | 0.62 | 0.18 | 0.113 | 2.3886 | 26 | 29.8 | 1.729 | 2.8 | 2.0 | 1.638 |
| 136993 1998 ST ₄₉ | 0.69 | 0.11 | 0.075 | 2.3017 | | | | | | 2.310 |
| 137170 1999 HF ₁ | 3.7 | 0.23 | 0.9 | 2.31927 | (14.03) | 14.03 | (6.3) | (1.7) | (2.0) | 0.819 |
| 138095 2000 DK ₇₉ | (1.8) | | | 4.243 | | | | | | 1.777 |
| 153591 2001 SN ₂₆₃ | 2.5 | 0.31 | 0.77 | 3.4256 | 13.43 | 149.4 | 16.63 | 6.7 | 1.0 | 1.987 |
| 153958 2002 AM ₃₁ | 0.45 | 0.27 | 0.120 | (2.8174) | | 26.3 | 1.5 | 3.3 | 4.3 | 1.703 |
| 162000 1990 OS | 0.3 | 0.15 | 0.045 | | | 21 | (0.7) | (2.2) | (2.0) | 1.678 |
| 162483 2000 PJ ₅ | 0.82 | (0.5) | (0.41) | 2.642 | | (14.14) | (1.5) | (1.8) | (2.0) | 0.873 |
| 163693 Atira | 4.8 | 0.21 | 1.0 | 3.3987 | | 15.5 | (8.7) | (1.8) | (2.0) | 0.741 |
| 164121 2003 YT ₁ | 1.0 | 0.18 | 0.18 | 2.343 | | 36.7 | (3.2) | (3.2) | (2.0) | 1.110 |
| 175706 1996 FG ₃ | 1.64 | 0.29 | 0.48 | 3.595195 | 16.15 | 16.1508 | 2.46 | 1.5 | 1.3 | 1.054 |
| 185851 2000 DP ₁₀₇ | 0.86 | 0.40 | 0.34 | 2.7745 | 42.5 | 42.13 | 2.66 | 3.09 | 1.3 | 1.366 |
| 218144 2002 RL ₆₆ | 2.8 | (0.5) | (1.4) | 2.492 | 587 | | | | | 2.305 |
| 226514 2003 UX ₃₄ | 0.275 | 0.36 | 0.10 | | | 15 | | | | 1.095 |
| 250162 2002 TY ₅₇ | 0.34 | (0.20) | (0.067) | 2.5001 | | 10.765 | (0.48) | (1.4) | (2.0) | 1.922 |
| 276049 2002 CE ₂₆ | 3.45 | 0.09 | 0.3 | 3.2930 | 15 | 15.6 | 4.7 | 1.36 | 0.8 | 2.233 |
| 285263 1998 QE ₂ | 3 | 0.25 | 0.75 | 4.749 | 31.31 | 31.31 | 6.21 | 2.1 | 0.7 | 2.423 |
| 311066 2004 DC | 0.3 | 0.20 | 0.06 | | 7 | 23 | | | | 1.634 |
| 348400 2005 JF ₂₁ | 0.6 | 0.08 | 0.05 | 2.4148 | | 29 | (1.6) | (2.7) | (2.0) | 2.226 |
| 357439 2004 BL ₈₆ | 0.3 | 0.21 | 0.06 | 2.6205 | | 13.80 | (0.50) | (1.7) | (2.0) | 1.502 |
| 363027 1998 ST ₂₇ | 0.8 | 0.15 | 0.12 | | | (85) | 4.5 | 5.6 | (2.0) | 0.819 |
| 363067 2000 CO ₁₀₁ | 0.52 | 0.09 | 0.045 | | | | | | | 1.076 |
| 363599 2004 FG ₁₁ | 0.15 | (0.3) | (0.04) | (3) | | 20.0 | (0.32) | (2.2) | (2.0) | 1.588 |
| 374851 2006 VV ₂ | 1.8 | 0.28 | 0.5 | 2.430 | | | | | | 2.387 |
| 385186 1994 AW ₁ | 0.9 | 0.49 | 0.44 | 2.5193 | | 22.39 | (2.2) | (2.4) | (2.0) | 1.105 |
| 399774 2005 NB ₇ | 0.5 | 0.34 | 0.17 | 3.488 | 15.28 | 15.28 | (0.91) | (1.8) | (2.0) | 2.044 |
| 410777 2009 FD | 0.15 | 0.6 | 0.09 | | | | | | | 1.164 |
| 450894 2008 BT ₁₈ | (0.6) | (0.50) | (0.3) | 2.5702 | | | | | | 2.223 |
| 452561 2005 AB | 1.9 | 0.24 | 0.46 | 3.339 | | 17.93 | (3.8) | (2.0) | (2.0) | 3.220 |
| 461852 2006 GY ₂ | 0.4 | 0.20 | 0.08 | 2.5 | | 11.7 | (0.60) | (1.5) | (2.0) | 1.858 |
| 481532 2007 LE | 0.5 | 0.36 | 0.18 | 2.603 | | 13 | 0.82 | 1.64 | 2.0 | 1.839 |
| 488453 1994 XD | 0.6 | 0.53 | 0.32 | 2.6920 | | 17.94 | (1.3) | (2.1) | (2.0) | 2.350 |
| 494658 2000 UG ₁₁ | 0.26 | 0.58 | 0.15 | 4.44 | | 18.4 | (0.56) | (2.2) | (2.0) | 1.929 |
| 523775 2014 YB ₃₅ | 0.3 | 0.3 | 0.1 | | | | | | | 1.876 |

F o o t n o t e. The Table contains some data on binary asteroids taken from files maintained by Petr Pravec (see Pravec, P., Harris, A. W. Binary Asteroid Population. Angular Momentum Content. Icarus, 190 (2007) 250–259; Pravec, P., and 41 colleagues. Binary Asteroid Population. Anisotropic distribution of orbit poles of small, inner main belt binaries. Icarus, 218 (2012) 125–143; Pravec, P., et al. Binary Asteroid Population. Secondary rotations and elongations. Icarus, 267 (2016) 267–295. Pravec, P., and 48 colleagues. Asteroid pairs: a complex picture. Icarus, 133 (2019) 429–463.

The data in the Table embrace estimated parameters for 210 binary systems in near Earth, Mars crossing, main belt and Trojan orbits as of 01 January 2019. The columns D_p and D_s contain estimated values of diameters of primary and secondary components of a system, expressed in kilometers and in column D_s/D_p their ratio is given. Columns Per_p and Per_s contain estimated values of rotation periods of components in hours and in columns Per_{orb} and a the orbital period of a secondary expressed in hours and estimated value of semi-major axis of its orbit expressed in kilometers are displayed. In subsequent columns the ratio of semi-major axis of the orbit and diameter of primary, the volume density of primary and the mean distance of the system from the Sun (semi-major axis of heliocentric orbit, a' , in a. u.) are tabulated. An asterisk (*) between the asteroid number and name denotes a new or significantly changed entry.

For triple system 87 Sylvia the satellite-related data are given for greater component Romulus.

When a value in the Table is less reliable or it is based on extra assumptions, it is given in brackets (see more on the precision of data at the <http://www.asu.cas.cz/asteroid/binastdata.htm>).

Additional data on binary asteroids including Centaurs and transneptunian objects one can find at the web site run by Wm. Robert Johnston <http://www.johnstonsarchive.net/astro/asteroidmoons.html>.