|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [**MERCURY**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/mercuryfact.html) | [**VENUS**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/venusfact.html) | [**EARTH**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/earthfact.html) | [**MOON**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/moonfact.html) | [**MARS**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/marsfact.html) | [**JUPITER**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/jupiterfact.html) | [**SATURN**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/saturnfact.html) | [**URANUS**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/uranusfact.html) | [**NEPTUNE**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/neptunefact.html) | [**PLUTO**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/plutofact.html) |
| [**Mass**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#mass) **(1024kg)** | 0.330 | 4.87 | 5.97 | 0.073 | 0.642 | 1898 | 568 | 86.8 | 102 | 0.0131 |
| [**Diameter**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#diam) **(km)** | 4879 | 12,104 | 12,756 | 3475 | 6792 | 142,984 | 120,536 | 51,118 | 49,528 | 2390 |
| [**Density**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#dens) **(kg/m3)** | 5427 | 5243 | 5514 | 3340 | 3933 | 1326 | 687 | 1271 | 1638 | 1830 |
| [**Gravity**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#grav) **(m/s2)** | 3.7 | 8.9 | 9.8 | 1.6 | 3.7 | 23.1 | 9.0 | 8.7 | 11.0 | 0.6 |
| [**Escape Velocity**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#escv) **(km/s)** | 4.3 | 10.4 | 11.2 | 2.4 | 5.0 | 59.5 | 35.5 | 21.3 | 23.5 | 1.1 |
| [**Rotation Period**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#rotp) **(hours)** | 1407.6 | -5832.5 | 23.9 | 655.7 | 24.6 | 9.9 | 10.7 | -17.2 | 16.1 | -153.3 |
| [**Length of Day**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#leng) **(hours)** | 4222.6 | 2802.0 | 24.0 | 708.7 | 24.7 | 9.9 | 10.7 | 17.2 | 16.1 | 153.3 |
| [**Distance from Sun**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#dist) **(106 km)** | 57.9 | 108.2 | 149.6 | 0.384\* | 227.9 | 778.6 | 1433.5 | 2872.5 | 4495.1 | 5870.0 |
| [**Perihelion**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#peri) **(106 km)** | 46.0 | 107.5 | 147.1 | 0.363\* | 206.6 | 740.5 | 1352.6 | 2741.3 | 4444.5 | 4435.0 |
| [**Aphelion**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#peri) **(106 km)** | 69.8 | 108.9 | 152.1 | 0.406\* | 249.2 | 816.6 | 1514.5 | 3003.6 | 4545.7 | 7304.3 |
| [**Orbital Period**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#orbp) **(days)** | 88.0 | 224.7 | 365.2 | 27.3 | 687.0 | 4331 | 10,747 | 30,589 | 59,800 | 90,588 |
| [**Orbital Velocity**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#orbv) **(km/s)** | 47.9 | 35.0 | 29.8 | 1.0 | 24.1 | 13.1 | 9.7 | 6.8 | 5.4 | 4.7 |
| [**Orbital Inclination**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#orbi) **(degrees)** | 7.0 | 3.4 | 0.0 | 5.1 | 1.9 | 1.3 | 2.5 | 0.8 | 1.8 | 17.2 |
| [**Orbital Eccentricity**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#orbe) | 0.205 | 0.007 | 0.017 | 0.055 | 0.094 | 0.049 | 0.057 | 0.046 | 0.011 | 0.244 |
| [**Axial Tilt**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#axit) **(degrees)** | 0.01 | 177.4 | 23.4 | 6.7 | 25.2 | 3.1 | 26.7 | 97.8 | 28.3 | 122.5 |
| [**Mean Temperature**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#temp) **(C)** | 167 | 464 | 15 | -20 | -65 | -110 | -140 | -195 | -200 | -225 |
| [**Surface Pressure**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#surp) **(bars)** | 0 | 92 | 1 | 0 | 0.01 | Unknown\* | Unknown\* | Unknown\* | Unknown\* | 0 |
| [**Number of Moons**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#sats) | 0 | 0 | 1 | 0 | 2 | 67 | 62 | 27 | 14 | 5 |
| [**Ring System?**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#ring) | No | No | No | No | No | Yes | Yes | Yes | Yes | No |
| [**Global Magnetic Field?**](http://nssdc.gsfc.nasa.gov/planetary/factsheet/planetfact_notes.html#magf) | Yes | No | Yes | No | No | Yes | Yes | Yes | Yes | Unknown |