

Water Worlds in the Solar System

Imagine taking all the water and ice away from a planetary body and putting it into a single sphere. Each measurement is the spherical radius of the world and all of its water (including ice). Size scale = 1:20,000,000



JUPITER
world radius: 69911 km
water radius: 143 km

EUROPA
world radius: 1561 km
water radius: 877 km

NEPTUNE
world radius: 24622 km
water radius: 905 km

IO
world radius: 1822 km
water radius: 0 km

CALLISTO
world radius: 2410 km
water radius: 1684 km

MARS
world radius: 3390 km
water radius: 106 km

CERES
world radius: 473 km
water radius: 365 km

VESTA
world radius: 263 km
water radius: 0 km

MERCURY
world radius: 2440 km
water radius: 6.4 km

TRITON
world radius: 1353 km
water radius: 1298 km

GANYMEDE
world radius: 2634 km
water radius: 2281 km

MOON
world radius: 1737 km
water radius: 0.54 km

EARTH
world radius: 6371 km
water radius: 690 km

VENUS
world radius: 6052 km
water radius: 52 km

PLUTO
world radius: 1188 km
water radius: 1004 km

CHARON
world radius: 606 km
water radius: 545 km

MIRANDA
world radius: 236 km
water radius: 216 km

UMBRIEL
world radius: 585 km
water radius: 548 km

DIONE
world radius: 561 km
water radius: 483 km

TITAN
world radius: 2576 km
water radius: 1826 km

ARIEL
world radius: 579 km
water radius: 519 km

OBERON
world radius: 761 km
water radius: 687 km

MIMAS
world radius: 198 km
water radius: 185 km

RHEA
world radius: 764 km
water radius: 577 km

URANUS
world radius: 25362 km
water radius: 932 km

TITANIA
world radius: 788 km
water radius: 700 km

ENCELADUS
world radius: 252 km
water radius: 197 km

TETHYS
world radius: 533 km
water radius: 526 km

IAPETUS
world radius: 736 km
water radius: 678 km

SATURN'S RINGS
water radius: 198 km

SATURN
world radius: 58232 km
water radius: 127 km