

— 💧 Water in the Solar System 💧 —

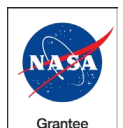


Image Credit: Generated with AI

Play a game of cards to learn about
water in the Solar System.



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Solar System Mnemonic

My



Mercury



Very



Venus

Epic



Earth

Mother



Mars

(asteroids)



Just



Jupiter

Served



Saturn

Us



Uranus

Nachos



Neptune

Planet image credit to <https://spaceplace.nasa.gov/>

Pluto (dwarf planet)

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: 69,911 km
water radius: 143 km

IO
world radius: 1,822 km
water radius: 0 km

EUROPA
world radius: 1,561 km
water radius: 877 km

CALLISTO
world radius: 2,410 km
water radius: 1,684 km

GANYMEDE
world radius: 2,634 km
water radius: 2,281 km

MOON
world radius: 1,737 km
water radius: 0.54 km

UMBRIEL
world radius: 585 km
water radius: 548 km

MIRANDA
world radius: 236 km
water radius: 216 km

ARIEL
world radius: 579 km
water radius: 519 km

OBERON
world radius: 761 km
water radius: 687 km

TITANIA
world radius: 788 km
water radius: 700 km

URANUS
world radius: 25,362 km
water radius: 932 km

MARS
world radius: 3,390 km
water radius: 106 km

CERES
world radius: 473 km
water radius: 365 km

VESTA
world radius: 263 km
water radius: 0 km

VENUS
world radius: 6,052 km
water radius: 52 km

MIMAS
world radius: 198 km
water radius: 185 km

TETHYS
world radius: 533 km
water radius: 526 km

IAPETUS
world radius: 736 km
water radius: 678 km

NEPTUNE
world radius: 24,622 km
water radius: 905 km

MERCURY
world radius: 2,440 km
water radius: 6.4 km

PLUTO
world radius: 1,188 km
water radius: 1,004 km

DIONE
world radius: 561 km
water radius: 483 km

RHEA
world radius: 764 km
water radius: 577 km

SATURN'S RINGS
world radius: 198 km

SATURN
world radius: 58,232 km
water radius: 127 km

TRITON
world radius: 1,353 km
water radius: 1,298 km

CHARON
world radius: 606 km
water radius: 545 km

TITAN
world radius: 2,576 km
water radius: 1,826 km