Planet Uranus

Diameter: 51,118 km - here: 51.1 mm

Mass: $8.7 \cdot 10^{25}$ kg

Surface temperature: -197 °C (average)

Distance to the sun: 2.87 billion km - here: 2.87 km

Orbital period: 84.0 years

Number of moons: 27

Sponsored by: E.DIS Netz GmbH, Fürstenwalde/Spree

Planet Uranus

Picture (Uranus):
Autor: NASA
https://en.wikipedia.org/wiki/Uranus#/media/File:Uranus_as_seen_by_NASA's_Voyager_2_(remastered)_-_JPEG_converted.jpg

Uranus is the only planet, which has its name from Greek mythology (astronomical symbol of Uranus: ⛢). Uranus is the father of Kronos (Roman: Saturn) and therefore the grandfather of Zeus (Roman: Jupiter). Uranus belongs to the so-called ice giants. It is significantly smaller than Jupiter and Saturn, but much larger than the Earth. However, it has been approached only once by a space probe (Voyager 2). For this reason, relatively little is known about it. Uranus has 28 moons and a weakly developed ring system. Its rotation axis is strongly inclined against the ecliptic, so that it looks like it is rolling around the sun. It also has a retrograde rotation similar to Venus. Because of this strong inclination of the rotation axis, almost all areas of Uranus are either polar day or polar night. The blue coloration of the atmosphere is not due to water, but to methane. Uranus is the outermost planet in the solar system that can still be seen with the naked eye under very favourable circumstances.

Important Data of Uranus:

Semi-major axis:	19.20 AU (2,872.4 Mio. km)
Perihelion – Aphelion:	18.32 – 20.08 AU
Eccentricity:	0.0472
Ecliptic inclination:	0,770°
Sidereal orbit period:	84.011 a
Average orbital speed:	6.81 km/s
Smallest – biggest Earth distance:	17.259 – 21.105 AU
Equator diameter:	51,118 km
Polar diameter:	49,946 km
Mass:	about 14.5 Earth masses ($8.68*10^{25}$ kg)
Mean density:	1.27 g/cm³
Surface gravity:	8.87 m/s²
Escape velocity:	21.3 km/s
Sidereal rotation period:	17 h 14 min 24 s
Axis tilt:	97.77°
Temperature (medium):	76 K (–197 °C)

Link: https://en.wikipedia.org/wiki/Uranus

Moons:

Moon_ Ariel

https://astrowis.de/wp-content/uploads/Mond_Ariel_englisch.pdf

Moon_Umbriel

https://astrowis.de/wp-content/uploads/Mond_Umbriel_englisch.pdf

Moon_Titania

. https://astrowis.de/wp-content/uploads/Mond_Titania_englisch.pdf

Moon_Oberon

. https://astrowis.de/wp-content/uploads/Mond_Oberon_englisch.pdf