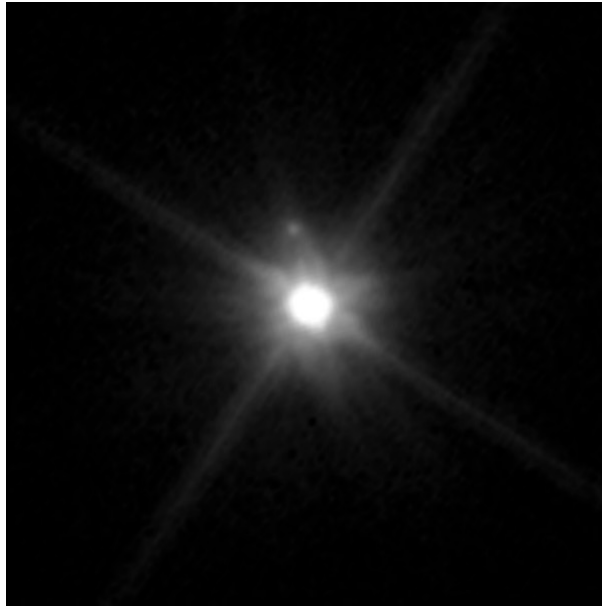


Dwarf Planet Makemake



Picture (Makemake and his moon nicknamed MK2)

Author: NASA, ESA, and A. Parker and M. Buie (Southwest Research Institute)

https://en.wikipedia.org/wiki/Makemake#/media/File:Makemake_and_its_moon.jpg

The dwarf planet is named after the creator god of Easter Island, Makemake. It belongs to the subclass of Plutoids (Pluto-like) and to the Kuiper belt. Makemake has a reddish coloration, which is caused by methane. The surface seems to be very homogeneous and consists of nitrogen, carbon monoxide and argon ice. Makemake has one moon (designation: S/2015 (136472) 1, nickname: MK2). The moon is black and hardly reflects light (albedo 0.01). It has a diameter of about 200 km).

Important Data of Makemake:

| | |
|---------------------------|--|
| Semi-major axis: | 45.561 AU (6,815.8 mio. km) |
| Perihelion – Aphelion: | 38.360 – 52.761 AU |
| Eccentricity: | 0.158 |
| Elcliptic inclination: | 28.980° |
| Sidereal orbit period: | 307 a 6 M |
| Average orbit speed: | 4.38 km/s |
| Equator diameter: | 1,434 km |
| Polar diameter: | 1,420 km |
| Mass: | about 0.0007 Earth masses ($<4.4 \cdot 10^{21}$ kg) |
| Mean density: | 1.4–3.2 g/cm ³ |
| Sidereal rotation period: | 7.771 h |

Link: <https://en.wikipedia.org/wiki/Makemake>