

Uranus Study Sheet

1. ring system Uranus has a faint system of rings, which is less prominent than Saturn's.
2. ice giant Uranus is classified as an ice giant planet due to its composition.
3. axial tilt Uranus has a highly unusual axial tilt, causing it to rotate almost on its side.
4. methane gas The atmosphere of Uranus contains a significant amount of methane, giving it a blue-green color.
5. Miranda One of Uranus' moons, Miranda, is known for its diverse and unusual geological features.
6. Voyager Two The spacecraft provided valuable data and images of Uranus during its flyby.
7. Great Dark Spot A large, dark storm system observed in Uranus' atmosphere, similar to Jupiter's Great Red Spot.
8. Titania Uranus' largest moon, Titania, is one of its five major moons.
9. telescope Uranus was the first planet discovered in the 17th century with one of these.
10. Triton Triton is the largest moon of Neptune, not Uranus.
11. moons Uranus has at least 27 of these, each with its own unique characteristics.
12. methane ice The extreme cold on Uranus causes this to freeze and form icy clouds.
13. Oberon Oberon is another one of Uranus' major moons, known for its heavily cratered surface.
14. blue-green hue Uranus' distinctive color is due to the absorption of red and green light by methane in its atmosphere.
15. Voyager mission Conducted the only close-up flyby of Uranus by a spacecraft.
16. Uranian System This includes the planet, its rings, and its extensive moon system.
17. retrograde Uranus' type of rotation.
18. William Herschel Credited with the discovery of Uranus.
19. equatorial Uranus experiences these strong winds due to its peculiar axial tilt.
20. Caliban One of Uranus's smaller, irregularly shaped moons.