# New Titan

## Nu Genus

#### Physics

Type Large iron/silicate

Radius 10692.10 km (1.68 x earth)

Surface Area 1.44 x 109 km2

Land Area 8.76 x 108 km2 (5.88 x earth)

Mass 2.69 x 1025 kg (4.51 x earth)

Density 5.26 g/cm3 (0.95 x earth)

Composition 47.1% iron, 37.0% oxygen, 15.8% silicon, trace other elements

#### Gravimetry

Gravity 15.65 m/s2 (1.60 x earth)

Escape Velocity 18.30 km/s

#### Rotation

Period 17.82 hours

Axis Tilt 34.71 °

Hydrosphere

Water 40 %

Ice 20 %

#### Atmosphere

Type Dense toxic

Pressure 219.98 kPa (2.17 x earth)

Composition 81.4% sulfur dioxide, 18.6% oxygen, trace other gases

#### Climate

Type Cool

Min Temp 255 K (-17 °C)

Avg Temp 294 K (21 °C)

Max Temp 335 K (62 °C)

#### Biosphere

Chemistry Carbon

Lifeforms Prokaryotic microbes

|  |
| --- |
| Annikka |

## New Titan

#### Physics

Type Large iron/silicate

Radius 10692.10 km (1.68 x earth)

Surface Area 1.44 x 109 km2

Land Area 7.33 x 108 km2 (4.92 x earth)

Mass 2.69 x 1025 kg (4.51 x earth)

Density 5.26 g/cm3 (0.95 x earth)

Composition 47.1% iron, 37.0% oxygen, 15.8% silicon, trace other elements

#### Gravimetry

Gravity 15.65 m/s2 (1.60 x earth)

Escape Velocity 18.30 km/s

#### Rotation

Period 17.82 hours

Axis Tilt 34.71 °

#### Hydrosphere

Water 50 %

Ice 15 %

#### Atmosphere

Type Dense toxic

Pressure 219.98 kPa (2.17 x earth)

Composition 81.4% sulfur dioxide, 18.6% oxygen, trace other gases

#### Climate

Type Cool

Min Temp 258 K (-15 °C)

Avg Temp 296 K (23 °C)

Max Temp 337 K (64 °C)

#### Biosphere

Chemistry Carbon

Lifeforms Prokaryotic microbes