

Moriva

Moriva is a star system in [sector grid 1111](#) near [Fhasho](#) and [Rojbushra](#). It's currently unclaimed.

History

Moriva was claimed by the [Sfrarabla Mishhuvurthyar Nougift](#) during the [First Mishhuvurthyar War](#) and produced resources for the [Sfrarabla Mishhuvurthyar Xhrafuklurp \(SMX\)](#).

In [YE 35](#), a traveling carnival set up on an asteroid in the Moriva system for six weeks¹.

In [YE 41](#), during the [Kuvexian Invasion of YE 41](#) (part of the [Kuvexian War](#)), this star system fell to the forces of the [Interstellar Kingdom Of Kuvexia](#) and was under occupation.

System Data

(This section is a work-in-progress and is not canon at this time)

Star Data

M1 V Red Dwarf

- Radius 2.68×10^5 km (0.39 x sol)
- Mass 5.33×10^{29} kg (0.27 x sol)
- Temperature 3200 K
- Luminosity 1.73×10^{25} W (0.05 x sol)

Moriva I

Terrestrial World

- Orbital Radius 2.62×10^7 km (0.18 AU)
- Period 1.24×10^3 hours (0.14 earth years)
- Physics Small iron/silicate
- Gravity 5.82 m/s^2 (0.59 x earth)
- Hydrosphere 14 % water, 4 % ice
- Atmosphere Thin toxic
- Biosphere Microbes, algae, sentient animals
- Civilization Alien Homeworld
- 3 small moons

II

Rock Planet

- Orbital Radius 4.51×10^7 km (0.30 AU)
- Period 2.79×10^3 hours (0.32 earth years)
- Gravity 8.84 m/s^2 (0.90 x earth)

III

Rock Planet

- Orbital Radius 6.26×10^7 km (0.42 AU)
- Period 4.57×10^3 hours (0.52 earth years)
- Gravity 4.79 m/s^2 (0.49 x earth)
- Special 3 small moons

IV

Rock Planet

- Orbital Radius 9.22×10^7 km (0.62 AU)
- Period 8.17×10^3 hours (0.94 earth years)
- Gravity 11.90 m/s^2 (1.22 x earth)
- Advanced alien artifact, large moon

V

Ice Planet

- Orbital Radius 1.76×10^8 km (1.18 AU)
- Period 2.16×10^4 hours (2.47 earth years)
- Gravity 8.82 m/s^2 (0.90 x earth)
- Special Heavy volcanism

VI

Asteroid Belt

- Orbital Radius 2.78×10^8 km (1.86 AU)
- Period 4.27×10^4 hours (4.89 earth years)

VII

Ice Planet

- Orbital Radius 5.99×10^8 km (4.00 AU)
- Period 1.35×10^5 hours (15.47 earth years)
- Gravity 11.28 m/s^2 (1.15 x earth)

Planetary Data for Moriva I

http://donjon.bin.sh/scifi/world/?palette=Mogensen&cmd=Create&name=Moriva&pct_water=14&pct_ice=4&seed=335260519&motif=SciFi

Physics

- Type Small iron/silicate
- Radius 3792.68 km (0.60 x earth)
- Surface Area $1.81 \times 10^8 \text{ km}^2$
- Land Area $1.57 \times 10^8 \text{ km}^2$ (1.06 x earth)
- Mass 1.26×10^{24} kg (0.21 x earth)
- Density 5.51 g/cm^3 (1.00 x earth)
- Composition 45.2% iron, 20.8% oxygen, 15.6% silicon, 6.3% nickel, 6.3% calcium, 0.8% other metals, 5.1% other elements

Gravimetry

- Gravity 5.82 m/s^2 (0.59 x earth)
- Escape Velocity 6.64 km/s
- Rotation
- Period 12.60 hours
- Axis Tilt 30.21°

Hydrosphere

- Water 14 %
- Ice 4 %

Atmosphere

- Type Thin toxic
- Pressure 57.26 kPa (0.57 x earth)
- Composition 72.3% argon, 18.7% sulfur dioxide, 5.4% nitrogen, 2.9% methane, 0.6% carbon dioxide, trace other gases

Climate

- Type Standard

- Min Temp 252 K (-20 °C)
- Avg Temp 295 K (22 °C)
- Max Temp 297 K (24 °C)

Biosphere

- Chemistry Nitrogen-phosphorous
- Lifeforms Microbes, algae, sentient animals
- Civilization

Type Alien Homeworld

- Population 3.66 million
- Society Representative Democracy
- Tech Level Medieval (wind power and sailcraft, steel tools and weapons)
- Special Features 3 small moons

Map Locations	
Map to Use	Kikyo Sector
Map Display Name	Moriva
Map Coordinates	1150,1100
Map Importance	Minor RP Location
Show label?	yes
Marker Anchor	Bottom Center
Places of the SARPiverse	
Place Categories	star system

¹⁾

<http://stararmy.com/roleplay-forum/index.php?threads/moriva-system-carinval-of-doom.10705/>

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