

SX-02 "Nephis"

This system is located about 10 light years east of [SX-01 "Vale"](#), it was explored by the [Scientific Studies Service \(SSS\)](#) in [YE 31](#). It was the second to be explored by an expedition led by the [YSS Kotoba YX-C1-0005](#) as part of [Project Kyasshu](#). When the [Yamatai Star Empire](#) pulled out of the system in [YE 41](#), the [New Dusk Conclave](#) moved into the system.

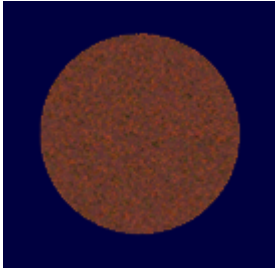


Nephis is a healthy star system with the star in the middle of its life cycle.

Star

Heading	Details
Type:	G0 (Spectral Class)
Size:	V
Stellar radii:	1.03
Stellar mass:	1.04
Temp:	6,000 ^o K
Image	A large, bright yellow star with a glowing surface, set against a dark blue background.

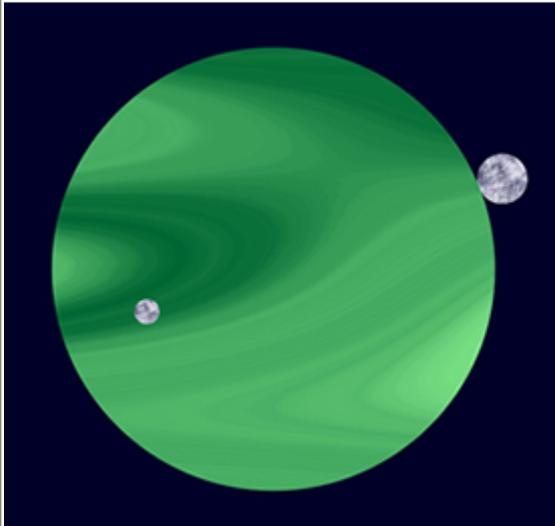
Planet 1

Heading	Details
Type:	Terrestrial
Stellar radius:	.4 AU
Planetary radius:	3,387 km
Surface gravity:	.377 G
Escape Velocity:	4.13 km/sec
Rotation (day):	50 hr
Length of year:	.25 years (90.61 days)
Number of satellites:	0
Image	

Average temp: 247.86° C This planet's atmosphere is extremely thin and composed of carbon dioxide, methane, and nitrogen.

Planet 2

Heading	Details
Type:	Terrestrial
Stellar radius:	.7 AU
Planetary radius:	7,631 km
Surface gravity:	.875 G
Escape Velocity:	9.62 km/sec
Rotation (day):	23 hr
Length of year:	.57 years (209.76 days)
Number of satellites:	2

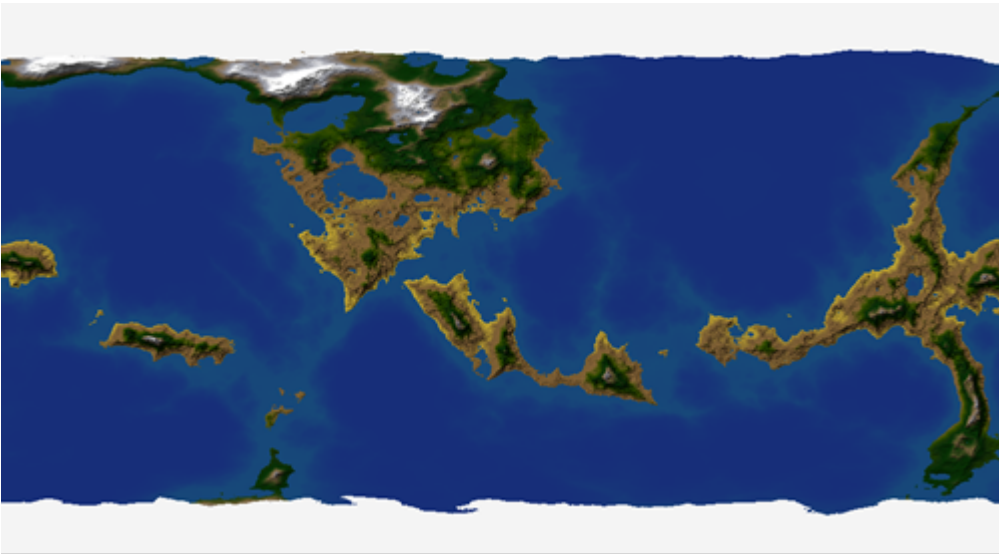
Heading	Details
Image	

Average temp: 520.7° C This planet's dense atmosphere is composed of nitrogen, oxygen, and carbon dioxide. It has dense clouds with high concentrations of carbonic acid that trap the heat in raising the planet temp.

Planet 3 (Daichi)

Heading	Details
Type:	Terrestrial
Stellar radius:	1.1 AU
Planetary radius:	8,316 km
Surface gravity:	1.00 G
Escape Velocity:	11.00 km/sec
Rotation (day):	26 hr
Length of year:	1.13 years (413.03 days)
Number of satellites:	1

Average temp: 14.89° C This planet's atmosphere is nitrogen, oxygen, and trace elements. The polar regions are ice covered, which covers approximately twenty-five percent of the surface. Oceans cover seventy-five percent of the surface. Land masses account for twenty-five percent of the surface, there are two major landmasses, and numerous smaller masses. Plant life is abundant. Oceans support a variety of marine life forms. A variety of animals are present on the land masses.



Items of Interest

There are two large inland seas present in the largest continent. Ruins of a pre-Empire culture were found to the south of the sea. There is a small growing settlement on Daichi called Arcadia, with a population of about several thousand people. Orbiting this planet are several shipyards from [Conclave Ship Works](#).


Planet 4

Heading	Details
Type:	Small Gas Giant
Stellar radius:	10.0 AU
Planetary radius:	31,000 km
Length of year:	31.01 years (11,325.92 days)
Number of satellites:	8 moons 2 rings
Image	A stylized illustration of Planet 4. The planet is a sphere with a mottled surface of pink and blue. It is surrounded by two rings: a thin, light blue ring and a thicker, green ring. The background is a dark blue space.

Composition hydrogen, and helium.

Items of Interest

Three [Noval Heavy Industries](#) shipyards orbit this planet, mining its rings and satellites to build vessels, and taking advantage of its outermost position in order to ship finished products more easily. These shipyards produce ships from Noval's civilian line of products, and also Cruisers.

Map Locations	
Map to Use	Kikyo Sector
Map Display Name	Nephis
Map Coordinates	2050,1685
Map Importance	Minor RP Location
Map Marker	
Map Tooltip Content	NDC Colony
Show label?	yes
Color	
Marker Anchor	Bottom Left
Places of the SARPiverse	
Opened/Settled (YE)	YE 42
Place Categories	star system

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