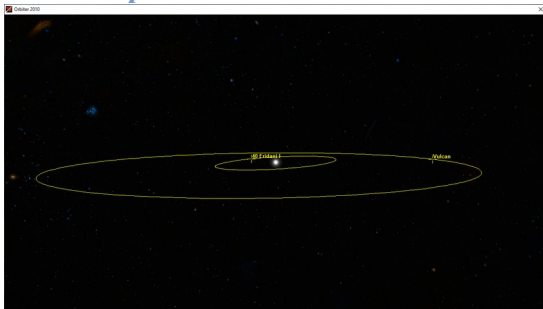


STPSP: VULCAN

Introduction

STPSP: Vulcan is part eight of the *Star Trek* Planetary Systems Project (STPSP). This is an attempt to accurately simulate the major planetary systems in the *Star Trek* universe. A fan of the series almost since birth, I wanted to be able to re-create these systems so that it would be possible to create scenarios in them. The Vulcan system is home to three planets, two moons, and one surface base. The planetary arrangement is based on a book called the *Star Trek Star Charts*. The one surface base requires the Callisto Badlands add-on for meshes. You will require the *Surak*-class Vulcan cruiser, *TOS Enterprise*, *D'kyr*-class Vulcan cruiser, *T'Pol*-class Vulcan cruiser, and *Danube*-class runabout for the scenarios. As for this add-on, I promise that you won't be disappointed. Enjoy!

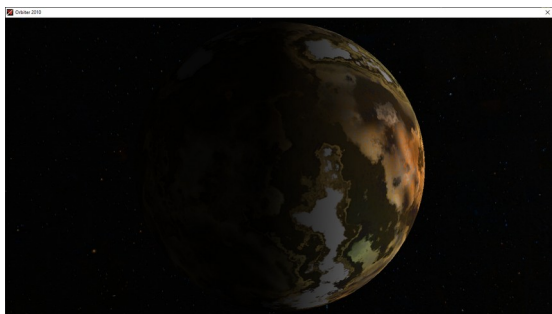
The System



System viewed from 170 million KM

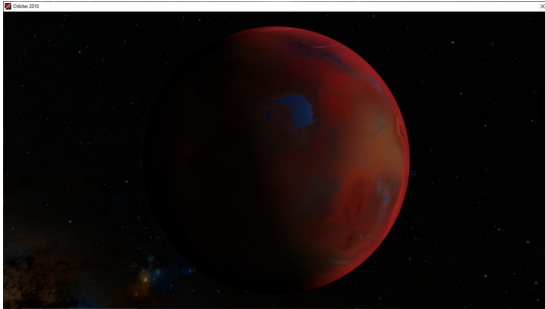
Primary Star: 40 Eridani A
Class: KIV
Diameter: 1.27 million KM
Mass: 0.78 solar masses

First Planet: 40 Eridani I



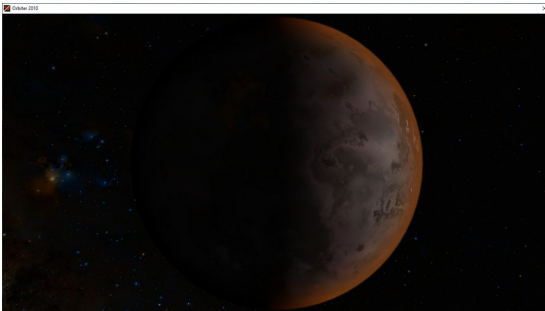
Class: B
Moons: 1
Diameter: 8,842 KM
Distance from parent star: 32 million KM (0.21 AUs)
Rotation period: 10 hours, 39 minutes
Orbital period: 41 days

Second Planet: Vulcan



Class: M
Moons: 0
Diameter: 12,502 KM
Distance from parent star: 90 million KM (0.6 AU)
Rotation period: 24 hours, 36 minutes
Orbital period: 193 days

Third Planet: T'Khut



Class: G
Moons: 1
Diameter: 10,823 KM
Distance from parent star: 90 million KM (0.6 AU)
Rotation period: 24 hours, 36 minutes
Orbital period: 193 days (in Trojan orbit with Vulcan)

The Vulcans

The Vulcans are a humanoid species characterized by pointed ears and green blood. Initially, the Vulcans were an extremely violent, passionate people who apparently often killed each other to secure mates, among other things. About 300 AD, a prophet named Surak (ᠰᠤᠷᠠᠭ) put a stop to this never-ending warfare and laid down a series of laws. As a result, Vulcan society is now strictly based on the confines of logic. In order to achieve this, Vulcans must undergo a ritual called the *kolinahr* (ᠬᠣᠯᠢᠨᠠᠬᠤᠷ) to purge their emotions. One capability of the Vulcans is touch-telepathy, in a process known as the “mind-meld”. This can even be used to transfer the individual’s consciousness, or *katra* (ᠬᠠᠲᠤᠷ) into the minds of others, where it is stored until needed. However, improper mind-melding techniques can lead to a condition known as Pa’nar Syndrome (ᠫᠠᠨᠠᠷ ᠰᠢᠩᠳᠣᠷᠦ). Fortunately, this is easily curable.

One of the strangest aspects of Vulcan biology is *pon farr* (ᠫᠣᠨ ᠫᠠᠷᠢ). This is a cycle that occurs every seven years in Vulcan males that compels them to find a mate or die. It is not entirely known why this occurs. Because Vulcan has somewhat higher gravity than Earth, Vulcans possess superior strength to humans and more acute hearing. Additionally, due to the sometimes blinding sunlight on their homeworld, Vulcans have developed a nictitating membrane. Additionally, the Vulcan heart is somewhat closer in terms of location

to the liver. Examples of Vulcan cuisine include *plomeek* soup (ᠯᠣᠮᠡᠬᠡ), a bland, orange soup, and Vulcan spice tea. The Vulcans are one of the founding members of the United Federation of Planets, and were in fact the first extraterrestrial race encountered by humans.

Notable Vulcans:

Surak (ꠄꠦꠘꠦ): Founder of Vulcan society.

T'Plana-Hath (ᠲᠤᠫᠤᠨᠠᠬᠠᠲᠤ): Matron of Vulcan philosophy.

T'Pol (トポル): First officer of the UES *Enterprise*.

V'Las (𐌵𐌹𐌺𐌰): Traitor who sided with the Romulans.

T' Pau (တပု): **Legendary stateswoman.**

Sarek (♂♂): Legendary ambassador.

Spock (♣♣♣♣♣): Son of Sarek (Technically half-human).

Sybok (♄♁♄): Crazy half-brother of Spock.

Saavik (ᑭᑭ'ᑕᑕ): Starfleet officer, assigned to assist in Project Genesis in 2285.

Valeris (ᠰᠢᠪᠡᠷᠢᠰ): Starfleet officer as well as traitor who conspired to prevent the Khitomer Peace Treaty.

Satok (ꠞꠞꠞꠞ): Security Minister of Vulcan in 2367.

Savar (ꠠꠢꠢꠤ): Starfleet admiral in 2364.

Tuvok (**᠋ᠲᠦᠪᠤ᠎ᠠ**): Security officer of the USS Voyager.

T'Lana (ᠲᠡᠯᠠᠨᠠ): Starfleet admiral in 2374.

T'Flok (ᑭᑦᑲᑭᑦ): First officer of the USS *Enterprise* as of 2448. (From my fanfiction.)