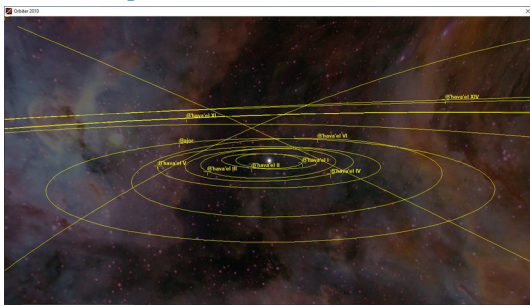


# STPSP: BAJOR

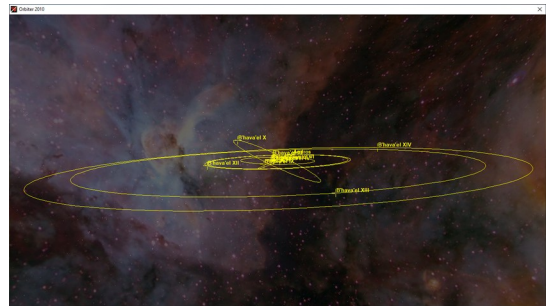
## Introduction

STPSP: Bajor is part two of the *Star Trek* Planetary Systems Project (STPSP). This is an attempt to accurately simulate the major planetary systems in the *Star Trek* universe (with some conjecture, mostly in the form of some ideas of mine.) A fan of the series almost since birth, I wanted to be able to recreate the major systems so that it would be possible to create scenarios in them. The Bajor system is home to 14 planets, seven moons, and four surface bases. The planetary arrangement is largely based on a book called the *Star Trek Star Charts*. The meshes for the various Bajoran structures are originally by gattispilot. One surface base requires the STPSP: Cardassia add-on for meshes. You will require the *Sovereign-class* starship, *Stevecast's* Wormhole, *Negh'var-class* Klingon warship, *Galor-class* Cardassian warship, Bajoran interceptor, Bajoran freighter, Bajoran raider, Space Station Deep Space 9, *D'Deridex-class* Romulan Warbird, *Danube-class* runabout, *Defiant-class* warship, and Shuttlecraft *Chaffee*, add-ons for the scenarios. As for this system, I promise that you won't be disappointed. Enjoy!

## The System



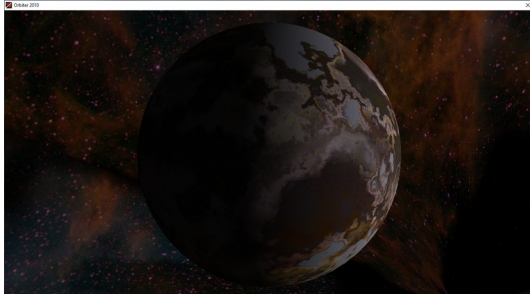
Inner system, viewed from 240 million KM



Outer system, viewed from 24 AU

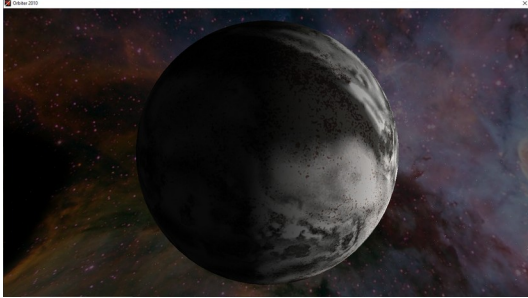
Primary Star: B'hava'el  
Class: G2V  
Diameter: 1.2 million KM  
Mass: 1 solar mass

First planet: B'hava'el I



Class: B  
Moons: 0  
Diameter: 5,800 KM  
Distance from parent star: 26 million KM (0.17 AU)  
Rotation period: 30 hours, 48 minutes  
Orbital period: 26.7 days

### Second Planet: B'hava'el II



Class: B

Moons: 0

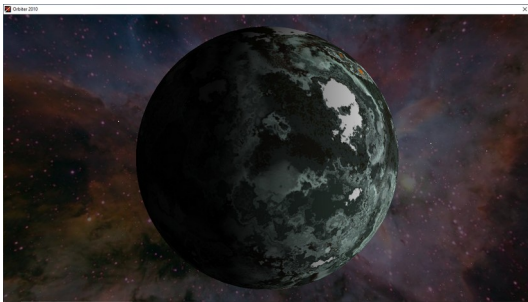
Diameter: 4,000 KM

Distance from parent star: 37 million KM (0.25 AU<sub>s</sub>)

Rotation period: 52 hours, 48 minutes

Orbital period: 45 days

### Third Planet: B'hava'el III



Class: B

Moons: 0

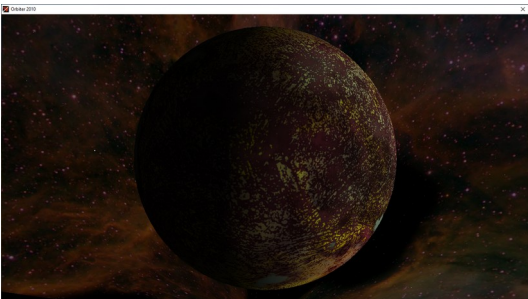
Diameter: 5,822 KM

Distance from parent star: 52 million KM (0.35 AU<sub>s</sub>)

Rotation period: 6.2 days

Orbital period: 75 days

### Fourth Planet: B'hava'el IV



Class: B

Moons: 0

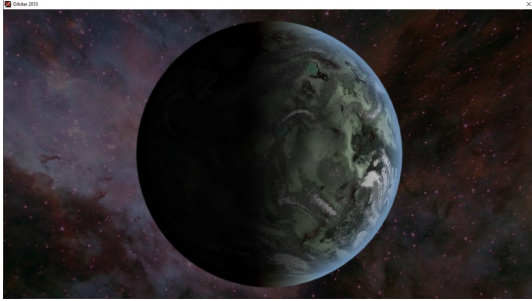
Diameter: 6,222 KM

Distance from parent star: 64 million KM (0.43 AU<sub>s</sub>)

Rotation period: 4.4 days

Orbital period: 102 days

### Fifth Planet: B'hava'el V



Class: N

Moons: 0

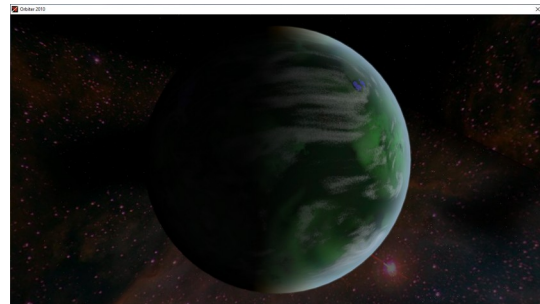
Diameter: 11,844 KM

Distance from parent star: 83 million KM (0.55 AUs)

Rotation period: 25 hours, 24 minutes

Orbital period: 150 days

### Sixth Planet: B'hava'el VI



Class: L

Moons: 0

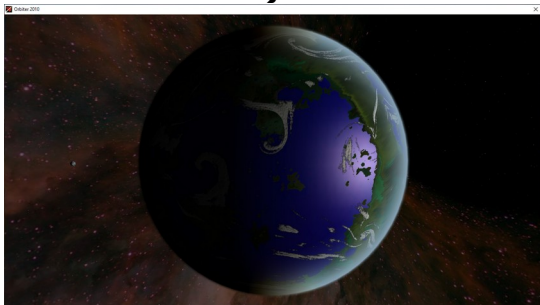
Diameter: 11,018 KM

Distance from parent star: 108 million KM (0.72 AUs)

Rotation period: 21 hours, 51 minutes

Orbital period: 225 days

### Seventh Planet: Bajor



Class: M

Moons: 5

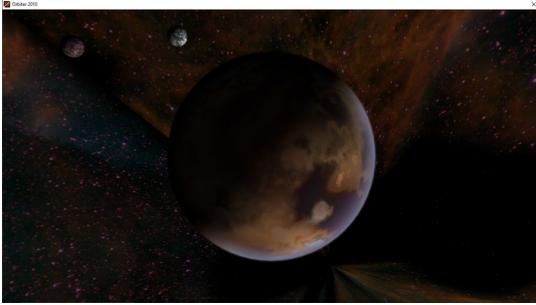
Diameter: 12,502 KM

Distance from parent star: 144 million KM (0.96 AUs)

Rotation period: 26 hours

Orbital period: 345 days

### Eighth Planet: B'hava'el VIII AKA Andros



Class: K

Moons: 2

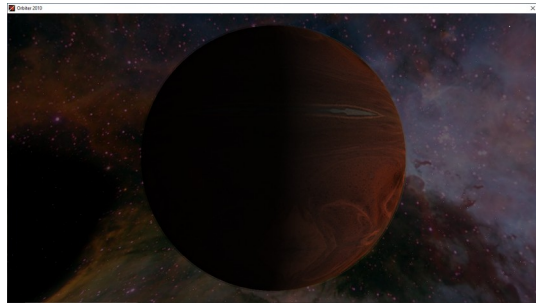
Diameter: 7,800 KM

Distance from parent star: 248 million KM (1.65 AUs)

Rotation period: 23 hours, 22 minutes

Orbital period: 779 days

### Ninth Planet: B'hava'el IX



Class: I

Moons: 0

Diameter: 158,368 KM

Distance from parent star: 420 million KM (2.8 AUs)

Rotation period: 10 hours, 39 minutes

Orbital period: 4.7 years

### Tenth Planet: B'hava'el X



Class: I

Moons: 0

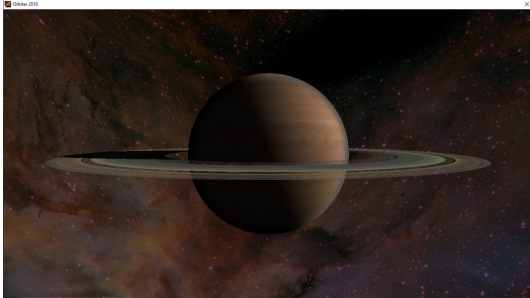
Diameter: 250,000 KM

Distance from parent star: 544 million KM (3.6 AUs)

Rotation period: 18 hours, 39 minutes

Orbital period: 6.9 years

### Eleventh Planet: B'hava'el XI



Class: J

Moons: 0

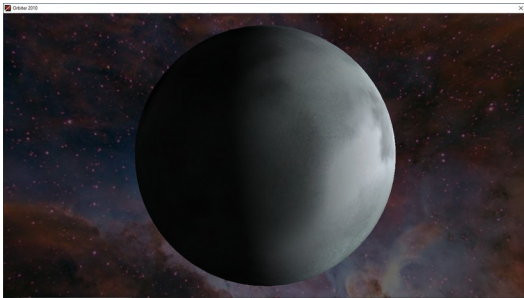
Diameter: 109,000 KM

Distance from parent star: 787 million KM (5.25 AUs)

Rotation period: 25 hours, 24 minutes

Orbital period: 12 years

### Twelfth Planet: B'hava'el XII



Class: C

Moons: 0

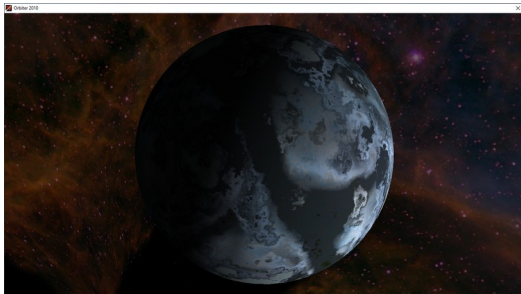
Diameter: 4,700 KM

Distance from parent star: 812 million KM (5.4 AUs)

Rotation period: 25 hours, 24 minutes

Orbital period: 12.7 years

### Thirteenth Planet: B'hava'el XIII



Class: C

Moons: 0

Diameter: 6,220 KM

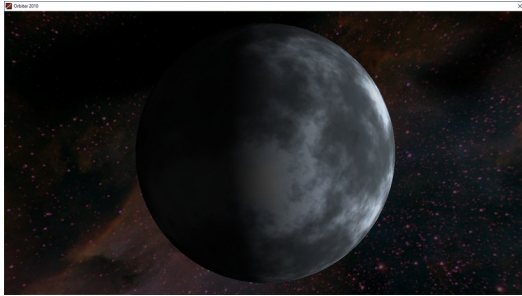
Distance from parent star: 1.98 billion KM (13.2 AUs)

Rotation period: 46 hours, 6 minutes

Orbital period: 48.2 years



## Fourteenth Planet: B'hava'el XIV



Class: C

Moons: 0

Diameter: 4,830 KM

Distance from parent star: 2.26 billion KM (15.07 AUs)

Rotation period: 38 hours, 6 minutes

Orbital period: 58.7 years

## The Bajorans

The Bajorans are a humanoid species characterized by a series of wrinkles on their noses. They also exhibit slight internal differences, most notably the arrangement of the heart and the five-month gestation period. In Bajoran names, the family name precedes the individual name. Culturally, the Bajorans are very advanced. Their written history goes back almost 500,000 years, over which time they produced many great artists, architects, builders, and philosophers. In fact, the Bajorans are responsible for building several solar-sail vessels during the 16th century and even reaching nearby planetary systems. Bajorans are very religious people, believing themselves to be guided by creatures known as the Prophets. The religious leader of the Bajorans is called the *Kai* (ᑭᐱᐢ), and religious positions include a *Vedek* (ᑭᐱᐢᑭᐱᐢ, priest) and a *Prylar* (ᑭᐱᐢᑭᐱᐢᑭᐱᐢ, monk).

During the early 24th century, between 2300 and 2340, however, the Bajorans entered a dark period called the Occupation, during which time their homeworld was controlled by the Cardassians. During the Occupation, the Bajorans were subject to horrific abuse by the Cardassians, and suffered both culturally and environmentally, up to and including religious persecution, mass rape, and enslavement in camps such as Gallitep (ᑭᐱᐢᑭᐱᐢᑭᐱᐢ). However, the Bajorans fought back and eventually reclaimed their homeworld, although the damage was severe. Since that time, the Bajorans have installed a provisional government and have continued their road to recovery.

Notable Bajorans:

Kira Nerys (ᑭᐱᐢ ᑭᐱᐢᑭᐱᐢ): First officer of space station Deep Space 9.

Shakaar Edon (ᑭᐱᐢᑭᐱᐢᑭᐱᐢ ᑭᐱᐢᑭᐱᐢ): Important freedom fighter and First Minister of the provisional government.

Li Nalas (ᑭᐱᐢ ᑭᐱᐢᑭᐱᐢ): Freedom fighter during the Occupation.

Vedek Bariel Antos (ᑭᐱᐢᑭᐱᐢ ᑭᐱᐢᑭᐱᐢ ᑭᐱᐢᑭᐱᐢ): Religious figure and lover of Kira Nerys.

Kai Winn Adami (ᑭᐱᐢ ᑭᐱᐢᑭᐱᐢ ᑭᐱᐢᑭᐱᐢ): Religious leader during the Dominion War.

Ro Laren (ᑭᐱᐢ ᑭᐱᐢᑭᐱᐢ): Maquis member and former Starfleet officer.

Leeta (ᑭᐱᐢᑭᐱᐢ): Dabo girl and wife of Grand Nagus Rom.

## Tribute to Arthur C. Clarke

Just as a bonus feature of the readme, I have included here a little tribute to the late, great Arthur C. Clarke, one of the giants of science fiction. The eulogy was originally created by Data in the *Star Trek: The Next Generation* episode "The Schizoid Man", and was written for the character Ira Graves. I find that it fits perfectly for someone like Arthur C. Clarke, whose expertise was a great asset to the science fiction community. Here it goes:

"Just look at that face. The face of a thinker, a warrior, a man for all seasons. Yes, Arthur Charles Clarke was all that and more. But he was not perfect. Perhaps his greatest flaw was that he was too selfless. He cared too much for his fellow man, with nary a thought for himself. A man of limitless accomplishments and unbridled modesty. I can safely say that to know him was to love him. And to love him was to know him. Those who knew him loved him, while those who did not know him loved him from afar."

