

# Earth/Papatūānuku

Third planet from the Sun

**Diameter:**  
12,756 km

**Day length:**  
1 Earth day



**Year length:**  
365.25 Earth days

**Polar tilt:**  
23.5 degrees

**Atmosphere:** nitrogen and oxygen

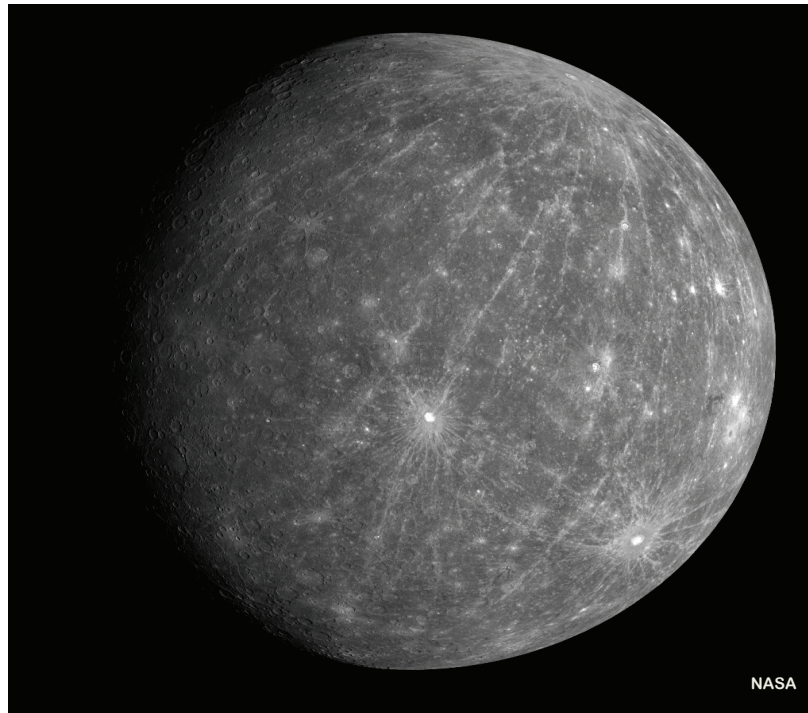
**Space Place**  
At Carter Observatory

# Mercury / Whiro

First planet from the Sun

**Diameter:**  
4,500 km

**Day length:**  
57 Earth days



**Year length:**  
88 Earth days

**Polar tilt:**  
0.5 degrees

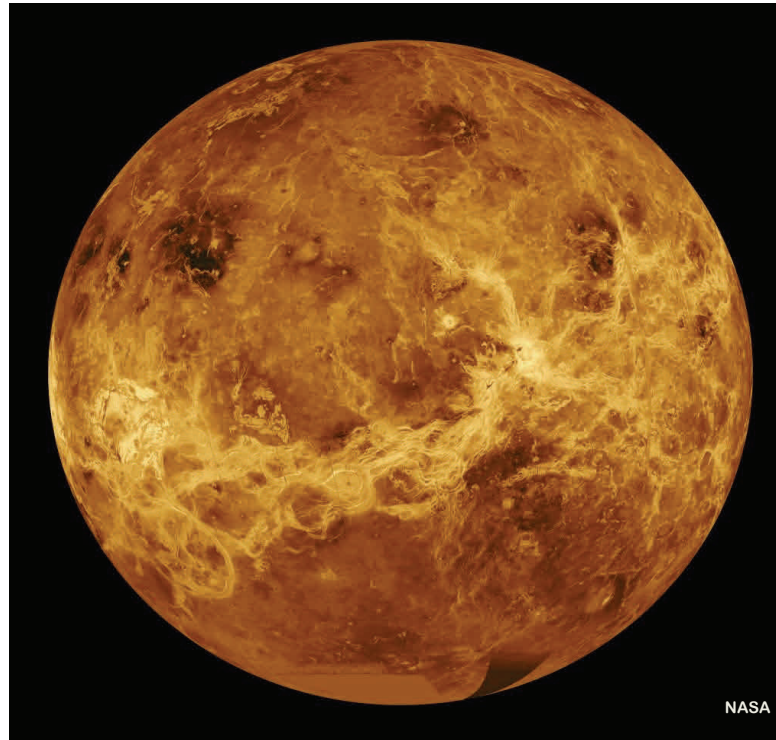
**Atmosphere: none**

# Venus/ **Kopū**

Second planet from the Sun

**Diameter:**  
12,000 km

**Day length:**  
243 Earth days



**Year length:**  
224 Earth days

**Polar tilt:**  
177.4 degrees

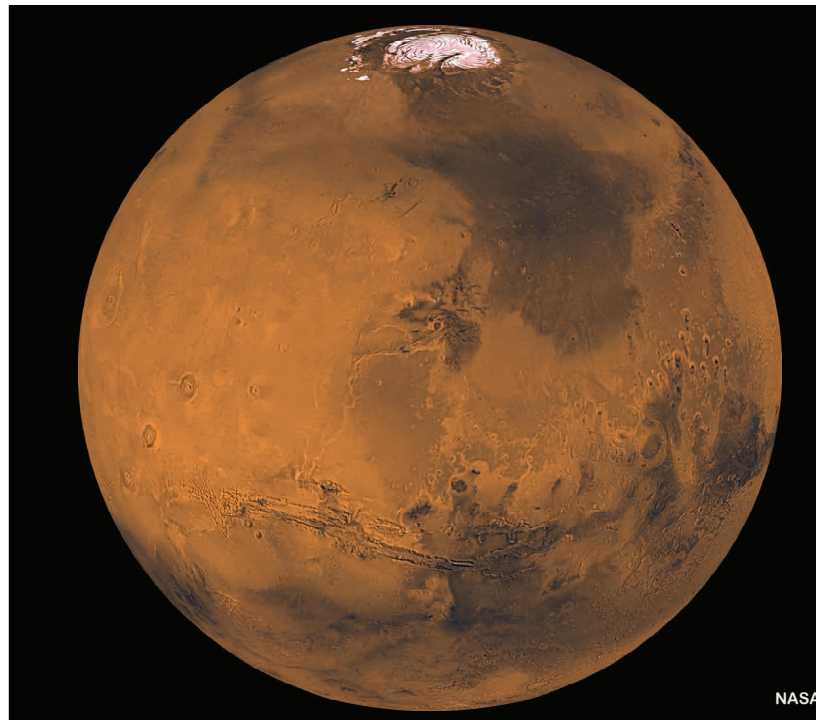
**Atmosphere: carbon dioxide**

# Mars/ Matawhero

Fourth planet from the Sun

**Diameter:**  
6,794 km

**Day length:**  
1 Earth day



**Year length:**  
687 Earth days

**Polar tilt:**  
25.19 degrees

**Atmosphere:** carbon dioxide

**Space Place**  
At Carter Observatory

# Jupiter/ Pareārau

Fifth planet from the Sun

**Diameter:**  
143,000 km

**Year length:**  
11.86 Earth years

**Day length:**  
9.8 Earth hours

**Polar tilt:**  
3.12 degrees



**Atmosphere: hydrogen and helium**

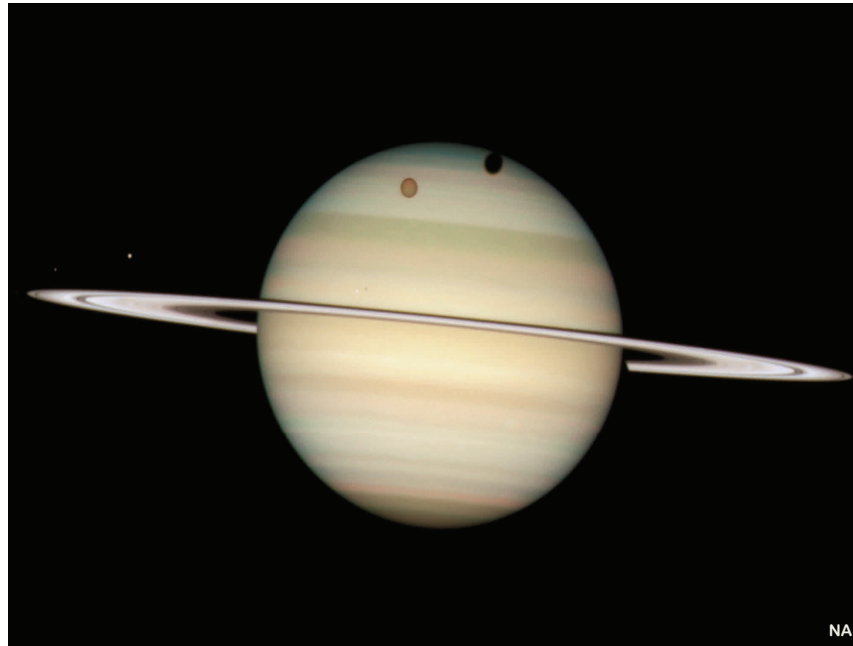


# Saturn/ Rongo

Sixth planet from the Sun

**Diameter:**  
120,000 km

**Day length:**  
10.5 Earth hours



**Year length:**  
29.46 Earth years

**Polar tilt:**  
29.56 degrees

**Atmosphere: hydrogen and helium**

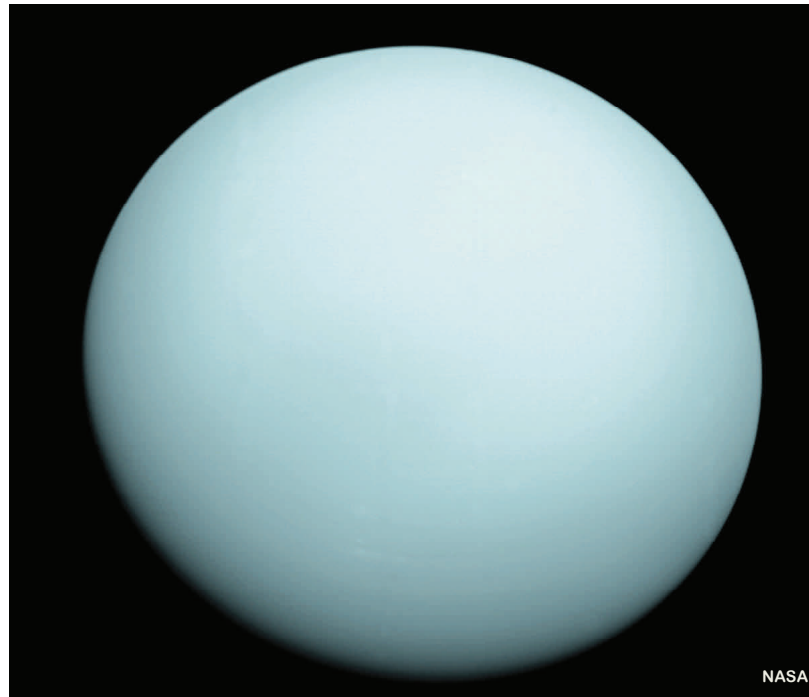
**Space Place**  
At Carter Observatory

# Uranus/ Rangipō

Seventh planet from the Sun

**Diameter:**  
49,000 km

**Day length:**  
17.9 Earth hours



**Year length:**  
84 Earth years

**Polar tilt:**  
97.86 degrees

**Atmosphere:** hydrogen, helium and methane

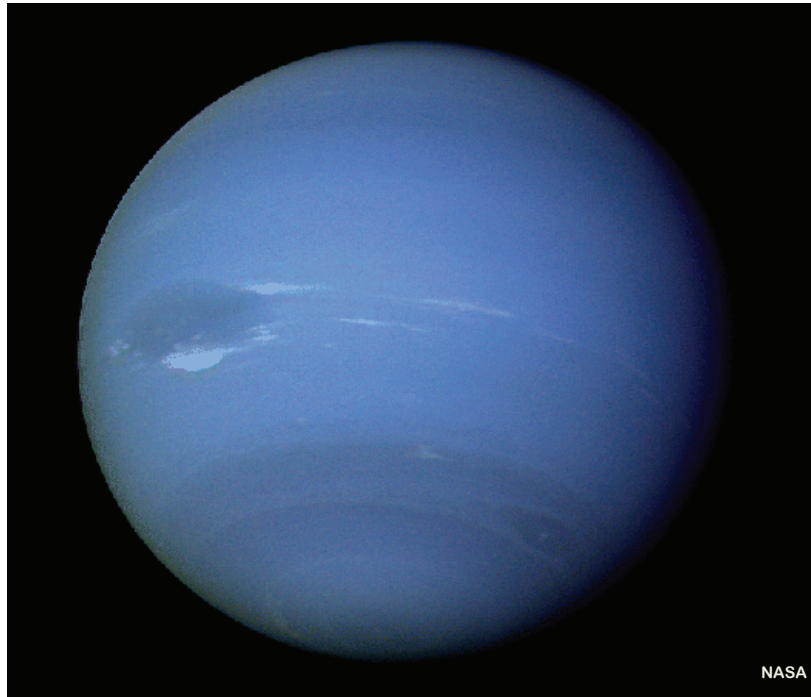
**Space Place**  
At Carter Observatory

# Neptune/ Tangaroa

Eighth planet from the Sun

**Diameter:**  
51,000 km

**Day length:**  
19.2 Earth hours



**Year length:**  
164 Earth years

**Polar tilt:**  
29.56 degrees

**Atmosphere:** hydrogen, helium and methane

**Space Place**  
At Carter Observatory