

$R < 0.55E$



Ceres

0.07E

Mathematical
Prediction

Not habitable

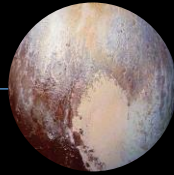


Makemake

0.11E

Mathematical
Prediction

Not habitable

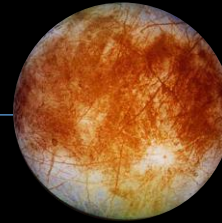


Pluto

0.187E

Mathematical
Prediction

Not-habitable

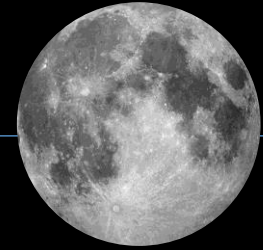


Europa

0.245E

Empirical
Observation

Not habitable

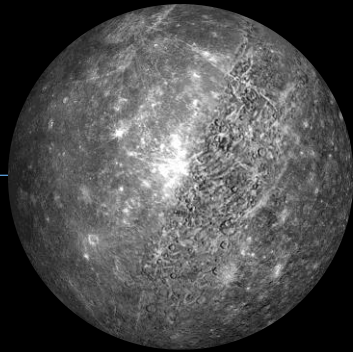


Moon

.273E

Empirical
Observation

Not habitable

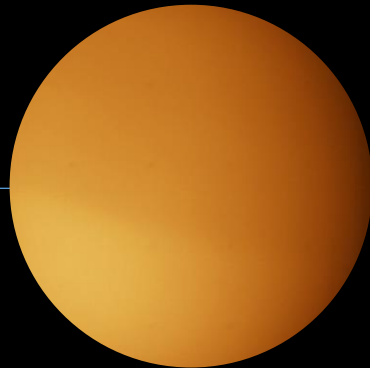


Mercury

.383E

Empirical
Observation

Not-habitable



Titan

.404E

Empirical observation

Not habitable

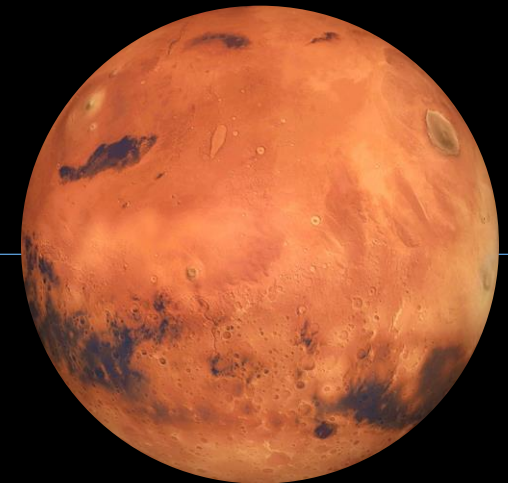


Ganymede

.413E

Empirical observation

Not habitable



Mars

0.532E

Empirical Observation

Habitable with provisions

R < 1.00E



R 1.00-1.50E

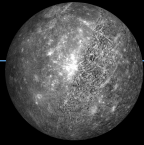


Pluto

0.187E

Mathematical
Prediction

Not-habitable

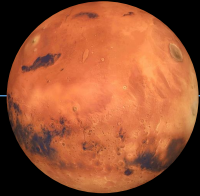


Mercury

.383E

Empirical
Observation

Not-habitable

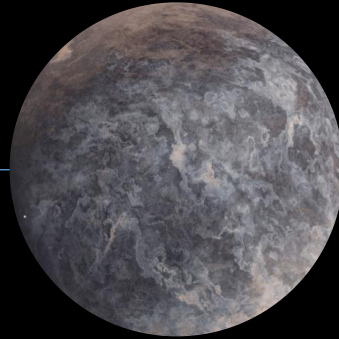


Mars

0.532E

Empirical Observation

Habitable with
provisions



Kepler 102 F

0.93E

Primary Transit

Not Habitable

Lyra



Venus

0.95E

Empirical Observation

Not habitable

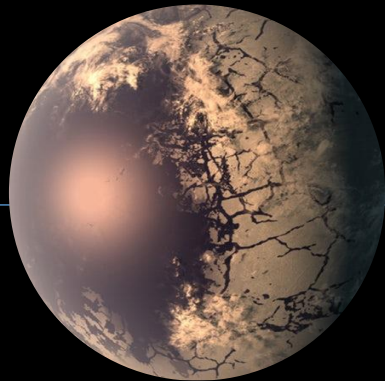


Earth

1.00

~

Habitable



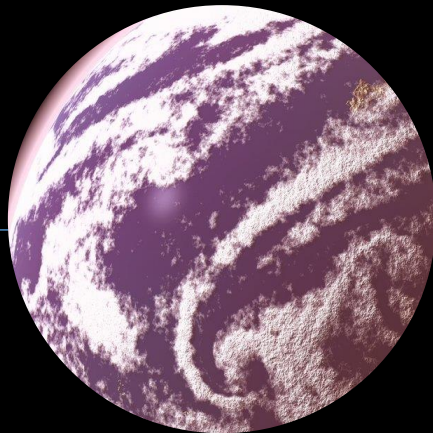
TRAPPIST 1- F

1.05E

Primary Transit

Habitable

Aquarius



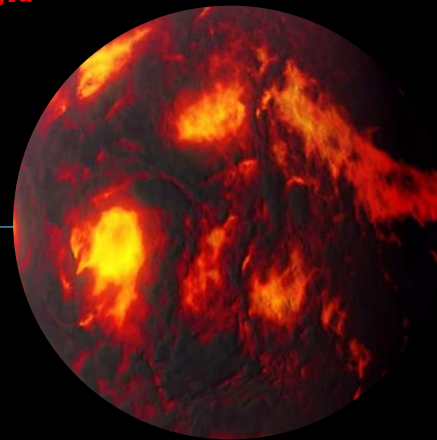
Kepler 138 c

1.19E

Primary Transit

Not Habitable

Aquarius



Kepler 415B

1.21E

Transit Timing Variations

Not habitable

Cygnus?



Kepler 62 F

1.41E

Transit

habitable

Lyra

R 1.50-2.50E



Pluto

0.187E

Mathematical Prediction

Not-habitable

~



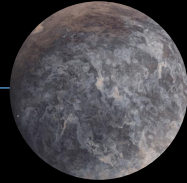
Mercury

.383E

Empirical Observation

Not-habitable

~



Kepler 102 F

Transit

0.93E

Primary Transit

Lyra

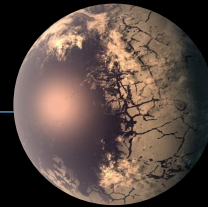


Earth

1.00

~

Habitable



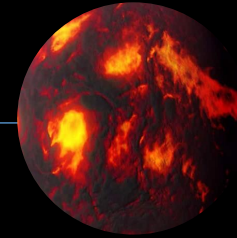
TRAPPIST 1-F

1.05E

Primary Transit

Habitable

Aquarius



Kepler 415B

1.21E

Transit Timing Variations

Not habitable

Cygnus?



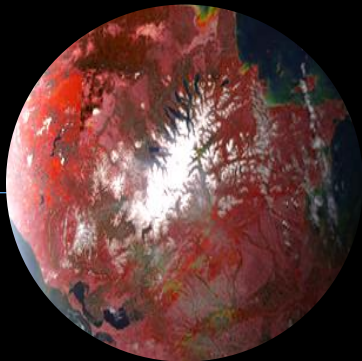
Kepler 62 F

1.41E

Transit

habitable

Lyra



Kepler 440 b

1.86E

Transit

Habitable

~



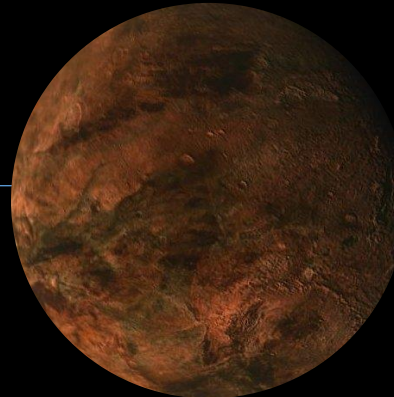
Kepler 28 b

1.97E

Transit

Not Habitable

Lyra

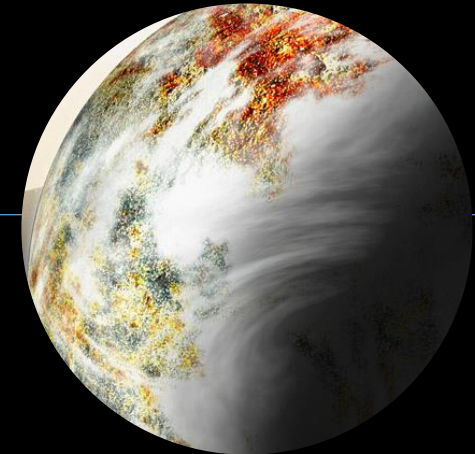


Barnard's Star b

2.06E

Not habitable

Ophiuchus



Kepler 10 c

2.35E

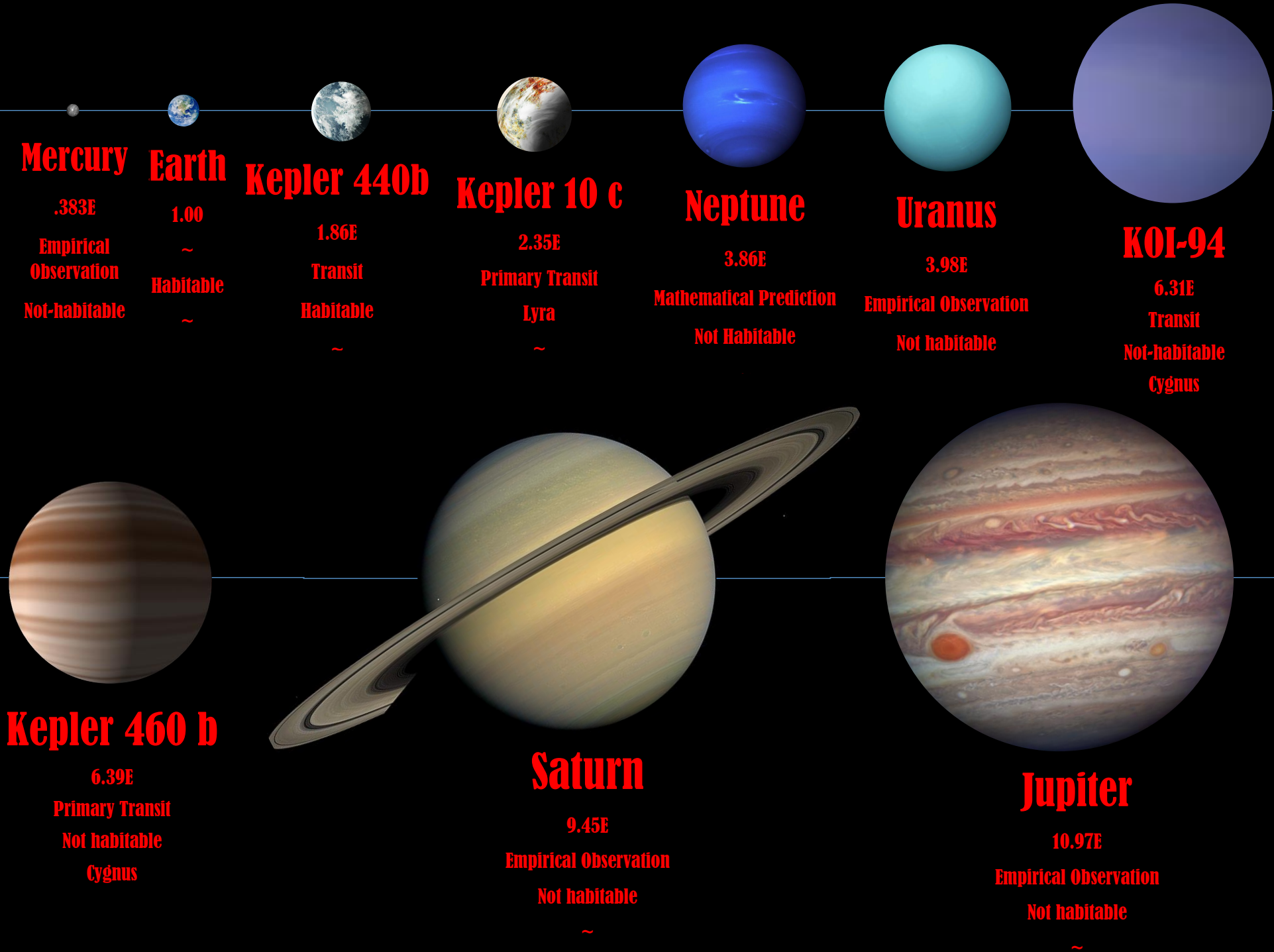
Primary Transit

Lyra

R 2.50-6.50E



R 6.50-11.00E



R 11.00-25.00E



R > 25.00E

Earth

1.00

~
Habitable

Neptune

3.86E

Mathematical Prediction
Not Habitable
~

Kepler 460 b

6.39E

Primary Transit
Not habitable
Cygnus

Saturn

9.45E

Empirical Observation
Not habitable

Jupiter

10.97E

Empirical Observation
Not habitable

Dimidium

17.6E

Radial Velocity
Not habitable
Pegasus

XO-6b

23.2E

Transit
Not Habitable

HAT-P-35 b

39.8E

Transit
Not Habitable

GQ Lup

Primary Transit

50.5E

Not habitable
Lupus

HD 100546 b

77E

Imaging
Not habitable
Musca