

Star Name: **TRAPPIST-1**

Distance from Sun: 39.5 light-years

Spectral Type, Color: M8, Red

Diameter Relative to Sun: 0.11

Mass Relative to Sun: 0.08

Luminosity vs. Sun: 0.00052

Planet Discovery Method: Transit

Number of Known Planets: 7

	Dist. (AU)	Orbital Period	Radius*	Mass**
b	0.011	1.51 days	1.09 R _E	0.85 M _E
c	0.015	2.42 days	1.06 R _E	1.38 M _E
d	0.021	4.05 days	0.77 R _E	0.41 M _E
e	0.028	6.10 days	0.92 R _E	0.62 M _E
f	0.037	9.21 days	1.05 R _E	0.68 M _E
g	0.045	12.32 days	1.13 R _E	1.34 M _E
h	0.063	18.77 days	0.72 R _E	<1.0? M _E

*R_E: Radius relative to Earth

**M_E: Mass relative to Earth

← **Mercury**
35 cm

