

## Handwavia System Stat Sheet

Star			
Mass	1.05 sol	Inner limit	.1047 AU
Luminosity	1.216 sol	Habitable zone	1.048 – 1.51 AU
Diameter	1.037 sol	Frost line	5.35 AU
Temperature	1.025 sol	Outer limit	42 AU
Lifetime	.886 sol		

sol - figures relative to the Sun      AU - astronomical units

	Planet	Description	D(AU)	Ratio	p(e, days)	M(e)	R(e)	G(e)	P(e)	
b	Terrestrial	Quicksilver	.17	1:2	.068, 25	.18	.54	.62	1.14	b
c	Terrestrial	Iron	.34		1:1.8	.192, 70.25	.259	.6	.72	1.2
d	Terrestrial	Desert	.612	1:1.74		.467, 10.66	.5	.8	.78	1
e	Terrestrial	HANDWAVIA	1.063		1:1.42	1.07, 390	1.21	1.1	1	.91
f	Terrestrial	Romance	1.51	1:1.7		1.81, 661.4	.29	.7	.6	.845
g	Terrestrial	Howard	2.3		1:1.91	3.4, 1243.33	2.383	1.354	1.3	.96
	Asteroid belt		4.4	1:1.52		N/A				
h	Gas Giant	SuperJupiter	6.7		1:1.64	16.92, 6181.7	824	11.4	6.34	.55
i	Gas Giant	Saturn-ish	11	1:1.5		35.6, 13004	120	9.8	1.25	.12
	Asteroid belt		16.5		1:1.75	N/A				
j	Ice Giant	Neptunian	28.38	1:1.42		147.54, 53891	26	3.2	2.5	.79
k	Gas Dwarf	Gas Dwarf	40			246.89, 90174.9	3.6	4	.225	.056

**D(AU)** – Distance in AU

**R(e)** - Radius (relative to Earth)

**p(e, days)** – Orbital period (relative to Earth, in days)

**G(e)** – Surface gravity (relative to Earth)

**M(e)** – Mass (relative to Earth)

**P(e)** – Density (relative to Earth)