

TRAPPIST-1 DATA SHEET

Exoplanet	Orbital Period (s)	Eccentricity, ϵ	Mass (Earth Masses)	Radius (Earth Radii)	Planet Type
TRAPPIST-1b	130 000	0.00622	1.374	1.116	Super Earth
TRAPPIST-1c	209 000	0.00654	1.308	1.097	Super Earth
TRAPPIST-1d	349 920	0.00837	0.388	0.788	Terrestrial
TRAPPIST-1e	527 040	0.00510	0.692	0.920	Terrestrial
TRAPPIST-1f	794 880	0.01007	1.039	1.045	Super Earth
TRAPPIST-1g	1 067 040	0.00208	1.321	1.129	Super Earth
TRAPPIST-1h	1 621 728	0.00567	0.326	0.755	Terrestrial

NOTES

1 Earth Mass = 5.98×10^{24} kg

1 Earth Radius = 6.38×10^6 m

Terrestrial planets are Earth sized and smaller. They are mostly made of rock/metal (such as iron) and have a solid or liquid surface.

Super Earth planets are larger than Earth but smaller than ice giants like Neptune and Uranus. The name only refers to their size – they may not be like Earth at all. They are made of gas, rock, or a mix of both.