

HD 10180

THE SYSTEM

discovered in 2010
with radial velocities
distance 127 light years
constellation Hydrus (01^h37^m)

THE STAR

mass 1.06 suns
radius 1.11 suns
temperature 5911 Kelvin
luminosity 1.35 suns
age 4.3 billion years

THE PLANETS

	b	c	d	e	f	g	h
distance (au)	0.022	0.064	0.13	0.27	0.49	1.43	3.38
orbit (days)	1.18	5.76	16.36	49.75	122.7	605	2205
mass (earths)	1.3	13.2	12.0	25.6	22.9	23.3	66
size (earths)	?	?	?	?	?	?	?
eccentricity	0.05	0.07	0.05	0.05	0.12	0.26	0.10
type	rocky	mini Neptune	mini Neptune	Neptune	Neptune	Neptune	giant



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