

# KEPLER - 444

## THE SYSTEM

discovered in  
via the  
distance  
constellation

2015  
transit method  
116 light years  
Lyra (19<sup>h</sup>19<sup>m</sup>)

## THE STARS

mass of A	0.76 suns
radius of A	0.752 suns
temperature of A	5046 Kelvin
total luminosity	0.34 suns
age	11.2 billion years
orbit	198 years
separation	36.7 au
eccentricity	0.86
orbit of B-C	0.3 au
masses of B & C	0.29 & 0.25 suns

## THE PLANETS

	b	c	d	e	f
distance (au)	0.042	0.049	0.060	0.070	0.081
orbit (days)	3.60	4.55	6.19	7.74	9.74
mass (earth)	?	?	?	?	?
radius (earth)	0.41	0.51	0.54	0.56	0.76
eccentricity	0.08	0.12	0.18	0.02	0.29
type	rocky	rocky	rocky	rocky	rocky



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