

NN SERPENTIS

THE SYSTEM

discovered in 2010
with
distance
constellation

eclipse timing
1631 light years
Serpens (15^h52^m)

THE STARS

mass of A	0.54 suns
mass of B*	0.11 suns
radius of A	0.021 suns
radius of B	0.149 suns
temperature of A	57 000 Kelvin
temperature of B	?
total luminosity	4.17 suns
orbit	3.12 hours
separation	0.0047 au

THE PLANETS

	d	c
distance (au)	3.36	5.39
orbit (days)	2793	5655
mass (jupiter)	1.74	6.96
radius (earth)	?	?
eccentricity	0.223	0.142
type	giant	giant

