

Exoplanets - Kepler 1658b

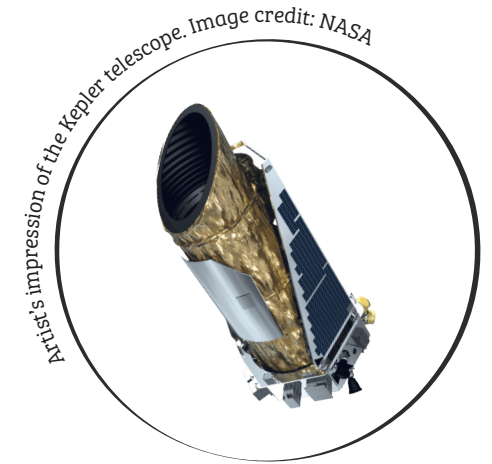


Discovered in 2019
using Kepler data.

Kepler was a space
telescope that
monitored a small
patch of stars to search
for periodic
dimming associated
with an exoplanet.

Discovered by:
Ashley Chontos,
a PhD student at
the University
of Hawaii.

Kepler 1658b is
experiencing
'orbital decay'
which means
that every time it
goes round its star,
it gets a little bit closer
to it. Eventually, the
plane will collide
with its host star!



Artist's impression of the Kepler telescope. Image credit: NASA

Kepler 1658b is in
the class of exoplanets
called a 'hot Jupiter' - it
is nearly 6 times the
mass of Jupiter, with
its 'year' being just
3.8 days. This means
it is very close to its
host star and very
hot ~ 6,000 °C.

