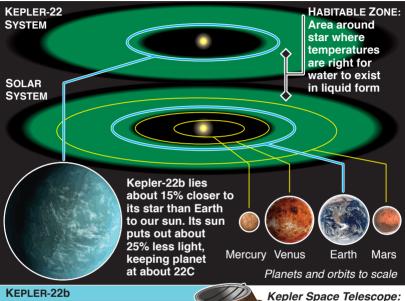
Astronomers discover "Earth's twin"

NASA's Kepler mission has confirmed the existence of an Earth-like planet in the "habitable zone" around a star similar to our own sun. Kepler-22b is more like Earth than any planet yet found and could prove a key discovery in the ongoing quest for extraterrestrial life



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Size: 2.4 times that of Earth

Length of year: About 290 days

Distance from Earth: 600 light-years

Composition: Not yet known whether made mostly of rock, gas or liquid

Kepler Telescope has so far found 2,326 candidate planets of which 207 are Earth-sized.

Kepler-22b is first of 48 habitable zone candidates to be confirmed

© GRAPHIC NEWS Source: NASA

Studies fixed swathe of night sky containing around 150,000

stars, looking for dips in brightness as planets transit

> across face of host stars