

Script for ESOcast Light 97: 7 Earth-sized Worlds Found in Nearby Star System

ESOcast Light 97	
[Visual starts]	
New ESOcast intro	ESOcast introduction
Title: 7 Earth-sized Worlds Found in Nearby Star System.	
OK, here's the bad news: we have <i>not</i> found aliens.	Night timelapse
But we <i>have</i> found the most incredible star system to date. Here are 5 amazing facts about it:	Computer animation: from Earth to TRAPPIST-1 system
1. The TRAPPIST-1 system has 7 Earth-sized planets.	Computer animation of TRAPPIST-1 system
2. Seen from Earth, all 7 planets pass exactly in front of the red dwarf star as they orbit.	Computer animation of TRAPPIST-1 system
3. At least the inner 6 are probably rocky like Earth.	Computer animation of TRAPPIST-1 system
4. 3 of the planets could harbour oceans of water.	Computer animation of TRAPPIST-1 system
5. ESO's future European Extremely Large Telescope will be able to detect water. Imagine if one day, life is found on one of these worlds...	E-ELT computer graphics

[Outro]

*Produced by ESO, the European Southern
Observatory.
Reaching new heights in Astronomy.*