

Script for ESOcast Light 150: Planets Around TRAPPIST-1 Probably Rich in Water

ESOcast 150 Light	
[Visual starts] New ESOcast intro	New ESOcast introduction Incl ESO logo
Title: Planets Around TRAPPIST-1 Probably Rich in Water	
1. Astronomers have discovered something interesting about the planets around one of our closest stars...	
2. ... they may have lots, and lots, of water!	
2. In 2016, seven planets were found orbiting a very cool dwarf star — TRAPPIST-1.	
3. Now, astronomers have found that some of these planets probably hold about 250 times more water than all of Earth's oceans!	
4. The 4th of the seven planets, called TRAPPIST-1e , is the most similar to Earth , in terms of size, density, and radiation received from its star.	
6. Whether the water is in steamy clouds, oceans or ice...	
7. ... these seven planets, only 40 light-years away, may have the potential to be homes for life .	
00:00 [Outro]	<i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i>

