

Script for ESOcast Light: The Missing Link for Water in the Solar System

ESOcast Light	
[Visual starts]	
New ESOcast intro	New ESOcast introduction
Title: The Missing Link for Water in the Solar System	
1. Using ALMA, astronomers have detected the chemical signature of gaseous water in the planet-forming disc V883 Orionis.	
2. This acts as a timestamp for the water's formation , allowing us to trace its journey.	
3. Previously, astronomers have observed the journey of water from clouds to young stars and later from comets to planets . But until now, the link between the young stars and comets was missing .	
4. The V883 Orionis measurements provided this missing link and revealed that the composition of water in the disc is similar to comets in our Solar System .	
5. "This is a confirmation of the idea that the water in planetary systems formed billions of years ago, before the Sun." John J. Tobin, NRAO, USA.	
[Outro]	<i>Produced by ESO, the European Southern</i>

	<i>Observatory. Reaching new heights in Astronomy.</i>
	Also interesting: https://youtu.be/z0mpVrFYOMM https://youtu.be/isRwmydfIsM