

# Script for ESOcast Light 238: Who Turned off the Lights on Betelgeuse?

ESOcast Light 238	
[Visual starts]	
New ESOcast intro	New ESOcast introduction
<b>Title: Who Turned off the Lights on Betelgeuse?</b>	
1. <b>Betelgeuse</b> , a bright star in the constellation of Orion, became <b>visibly dimmer</b> in late 2019 – early 2020.	
2. What could cause a sharp drop in brightness in <b>just a few weeks</b> ?	
3. Could Betelgeuse be about to die in a <b>supernova explosion</b> ?	
4. Using <b>ESO's Very Large Telescope</b> , astronomers have now solved the mystery.	
5. <b>Gas ejected by the star</b> condensed into dust as a patch of Betelgeuse's surface cooled down, shading the star with a <b>dusty veil</b> .	
6. Rather than signalling its end, Betelgeuse's great dimming has shed new light on <b>how stardust arises</b> .	
[Outro]	<i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i>
	Also interesting: <a href="http://www.eso.org/public/usa/videos/eso2003a/">www.eso.org/public/usa/videos/eso2003a/</a> and <a href="https://www.youtube.com/watch?v=FFQ8KhjEYs">www.youtube.com/watch?v=FFQ8KhjEYs</a>

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