



1  
00:00:01,050 --> 00:00:05,050  
[Typing] The 'Cow' Explosion

2  
00:00:05,050 --> 00:00:09,050  
Astronomers are puzzled by a celestial explosion called AT2018cow, or “the Cow.”

3  
00:00:09,050 --> 00:00:13,050  
One idea is that it is caused by a white dwarf being ripped apart by a black hole.

4  
00:00:13,050 --> 00:00:17,050  
This is a visualization of how that would happen.

5  
00:00:21,050 --> 00:00:25,050  
[Music]

6  
00:00:25,050 --> 00:00:29,050  
Black hole

7  
00:00:37,050 --> 00:00:33,050  
[Music]

8  
00:00:37,050 --> 00:00:41,050  
White dwarf

9  
00:00:53,050 --> 00:00:45,050  
[Music]

10  
00:00:53,050 --> 00:00:57,050  
Hot, opaque sphere

11  
00:00:57,050 --> 00:01:01,050  
Cocoon

12  
00:01:01,050 --> 00:01:05,050  
Jets

13  
00:01:25,050 --> 00:01:09,050

[Music]

14

00:01:25,050 --> 00:01:29,050

NASA Astrophysics