

Curiosity Has Landed (Transcript)

[00:00:07] Things are looking good. Coming up on entry

[00:00:13] Vehicle reports entry interface

[00:00:19] We're beginning to feel the atmosphere as we go in here

[00:00:23] Alright, it is reporting that we are seeing G's on the order of 11 or 12 earth G's

[00:00:29] Bank reversal 2 is starting

[00:00:32] We are now getting telemetry from Odyssey

[00:00:38] We should have parachute deploy around Mach 1.7

[00:00:45] Parachute has deployed

[00:00:48] We are decelerating

[00:00:51] Heat shield has separated, we are locked on the ground

[00:00:53] We're down to 90 meters per second at an altitude of 6.5 kilometers and descending

[00:01:00] Standing by for backshell separation

[00:01:06] We are in powered flight

[00:01:13] We are at altitude 1 kilometer and descending

[00:01:17] Standing by for sky crane

[00:01:19] Sky crane is starting

[00:01:25] Signal from Odyssey remains strong

[00:01:35] Touchdown confirmed! We're safe on Mars!

[00:01:37] cheering, applause

[00:02:01] We got thumbnails. It's a wheel! It's a wheel!

[00:02:09] Music

[00:02:30] NASA Jet Propulsion Laboratory, California Institute of Technology