

Video: Sentinel-1B liftoff

April 26 2016

Sentinel-1B lifted off on a Soyuz rocket, flight VS14, from Europe's Spaceport in French Guiana on 25 April 2016 at 21:02 GMT (23:02 CEST).

With the Sentinel-1 mission designed as a two-satellite constellation, Sentinel-1B will join its identical twin, Sentinel-1A, which was launched two years ago from Kourou. Both satellites carry an advanced radar that images Earth's surface through cloud and rain regardless of whether it is day or night. By orbiting 180° apart, global coverage and data delivery are optimised for the environmental monitoring Copernicus programme. The mission provides [radar imagery](#) for a multitude of services and applications to improve everyday life and understand our changing planet.

Three CubeSats piggybacked a ride on Soyuz. These small satellites, each measuring just 10×10×11 cm, have been developed by university student teams through ESA's Fly Your Satellite! effort. The other passenger is the Microscope satellite from France's CNES space agency.

Provided by European Space Agency

Citation: Video: Sentinel-1B liftoff (2016, April 26) retrieved 26 April 2024 from <https://phys.org/news/2016-04-video-sentinel-1b-liftoff.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private

study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.