

29 May 2024



(Picture credits: ESA)

Falcon 9 Block 5 Launch / EarthCARE mission

Space agency/country: SpaceX
Mission: *EarthCARE*

On 29 May 2024, SpaceX launched its new *Falcon 9* rocket from Space Launch Complex 4E in California, USA. Its payload, the *EarthCARE* mission, is a joint project between the European Space Agency, the Japanese Aerospace Exploration Agency and the US National Institute of Information and Communications Technology. The main aim of this mission is to quantify and reduce the uncertainty about the role that clouds and aerosols play in heating and cooling Earth's atmosphere – contributing to our better understanding of climate change.

For more information:

<https://blogs.esa.int/eolaunches/2024/05/28/earthcare-ready-for-launch/>

<https://egusphere.copernicus.org/preprints/2023/egusphere-2022-1476/>