

**05 November 2024**



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### ***Soyuz 2.1a/Fregat-M Launch***

**Space agency/country:** Russian Federal Space Agency  
**Mission:** *Ionosfera-M 1 & 2*

On 5 November 2024, the Russian Federal Space Agency launched its *Soyuz 2.1a/Fregat-M* rocket from the Vostochny Cosmodrome in Siberia. The *Ionosfera-M 1 & 2* mission is composed of four ionospheric and magnetospheric research satellites. These satellites aim to observe the Earth's ionosphere and improve our understanding of geomagnetic and solar storms, and their impact on Earth.

**For more information:**

[https://space.skyrocket.de/doc\\_sdat/ionosfera.htm](https://space.skyrocket.de/doc_sdat/ionosfera.htm)

<https://www.eoportal.org/satellite-missions/ionosfera-m-ionosfera-m>