

25 July 2025



(Picture credit: Roscosmos)

Soyuz 2.1b/Fregat-M Launch

Space agency/country: Russian Federal Space Agency (ROSCOSMOS)

Mission: *Ionosfera-M 3 & 4*

On 25 July 2025, the Russian Federal Space Agency (ROSCOSMOS) successfully launched their *Fregat-M* satellites from the Vostochny Cosmodrome (Siberia, Russia). *Ionosfera* is a four-satellite constellation developed by Roscosmos under the *Ionozone* programme, designed to study the Earth's ionosphere and magnetosphere. The satellites will be placed into two separate orbital planes, with two spacecraft in each.

For more information:

<https://rocketlaunch.org/mission-soyuz-21bfregat-m-ionosfera-m-1-2>

<https://everydayastronaut.com/meteor-m-2-4-soyuz-2-1b/>