

WOMEN

September 21, 2023

INPHOGRAPHIC - ADITYA L1

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# ADITYA L1

## OBJECTIVE

To observe the dynamics of the Sun's chromosphere and corona

## TO OBSERVE

To observe of the physical particle environment around its position

## NAMING

"Aditya" is named after Surya and the Adityas, the Hindu deities representing the Sun. The "L1" designation denotes Lagrange point 1, the spacecraft's destination between the Sun and Earth.

## TO STUDY

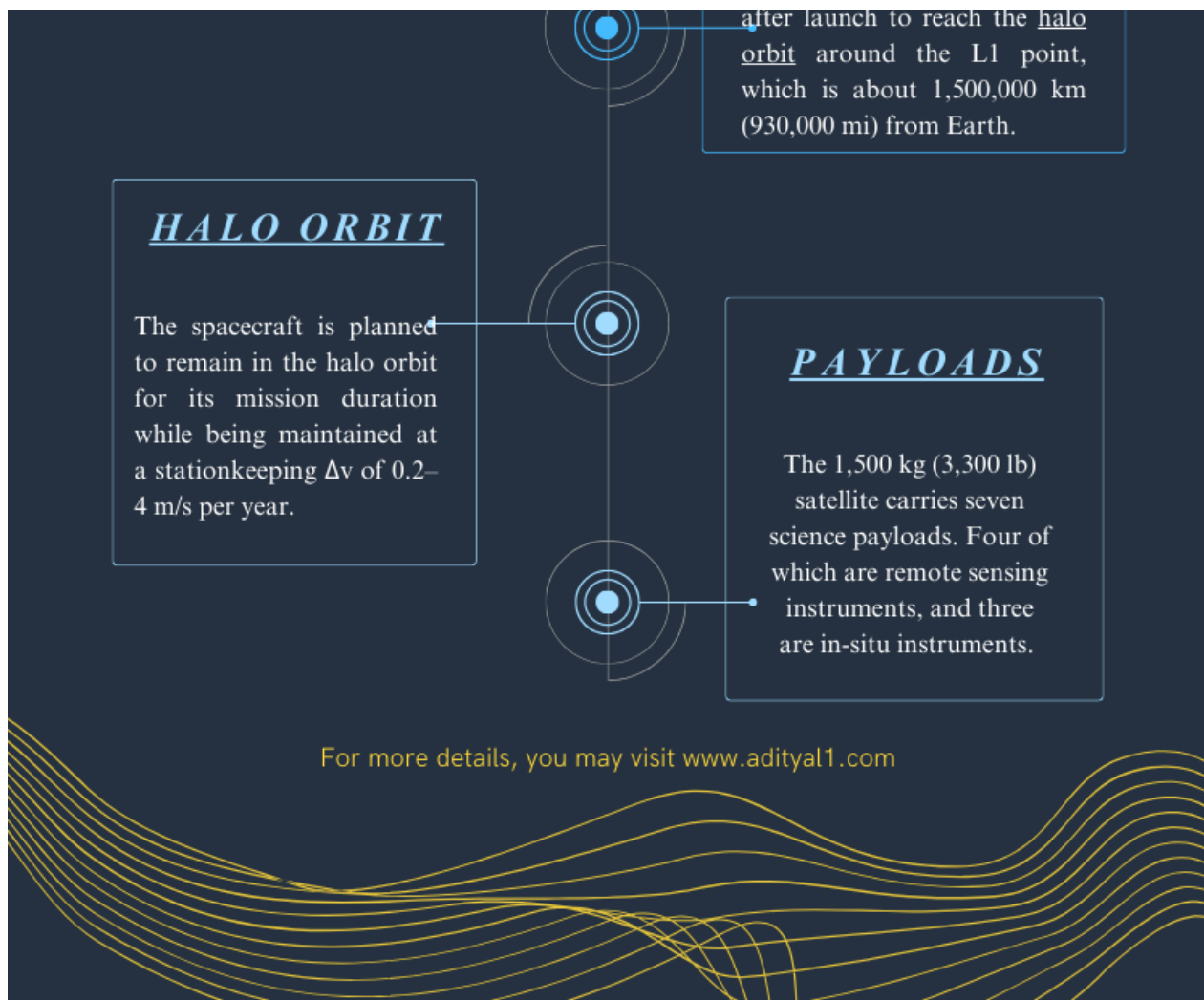
To study chromospheric and coronal heating, the physics of partially ionised plasma, of coronal mass ejections (CMEs) and their origins, of the coronal magnetic field and heat transfer mechanisms, and flare exchanges

## TO DETERMINE

To determine the sequence of processes in multiple layers below the corona that lead to solar eruptions

## DURATION

The Aditya-L1 mission will take around 109 Earth days



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