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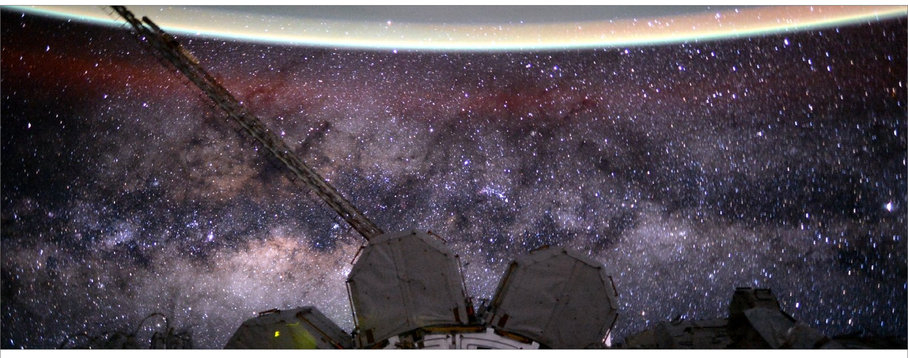

Sunspot Loops In Ultraviolet

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The AWE mission is focused on understanding gravity waves in Earth’s atmosphere at altitudes between 50 and 500 kilometers, called the ionosphere-thermosphere-mesosphere system. Space weather in this region – the ionosphere in particular – can significantly disrupt space-based communication systems we rely on due to the high concentration of electrically charged particles there. By studying atmospheric gravity waves, scientists will understand more about how Earth’s weather influences upper atmospheric properties.

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