

2011

USA

First Spacecraft to Orbit Mercury

FOREVER

MESSENGER MISSION



MErcury

Surface

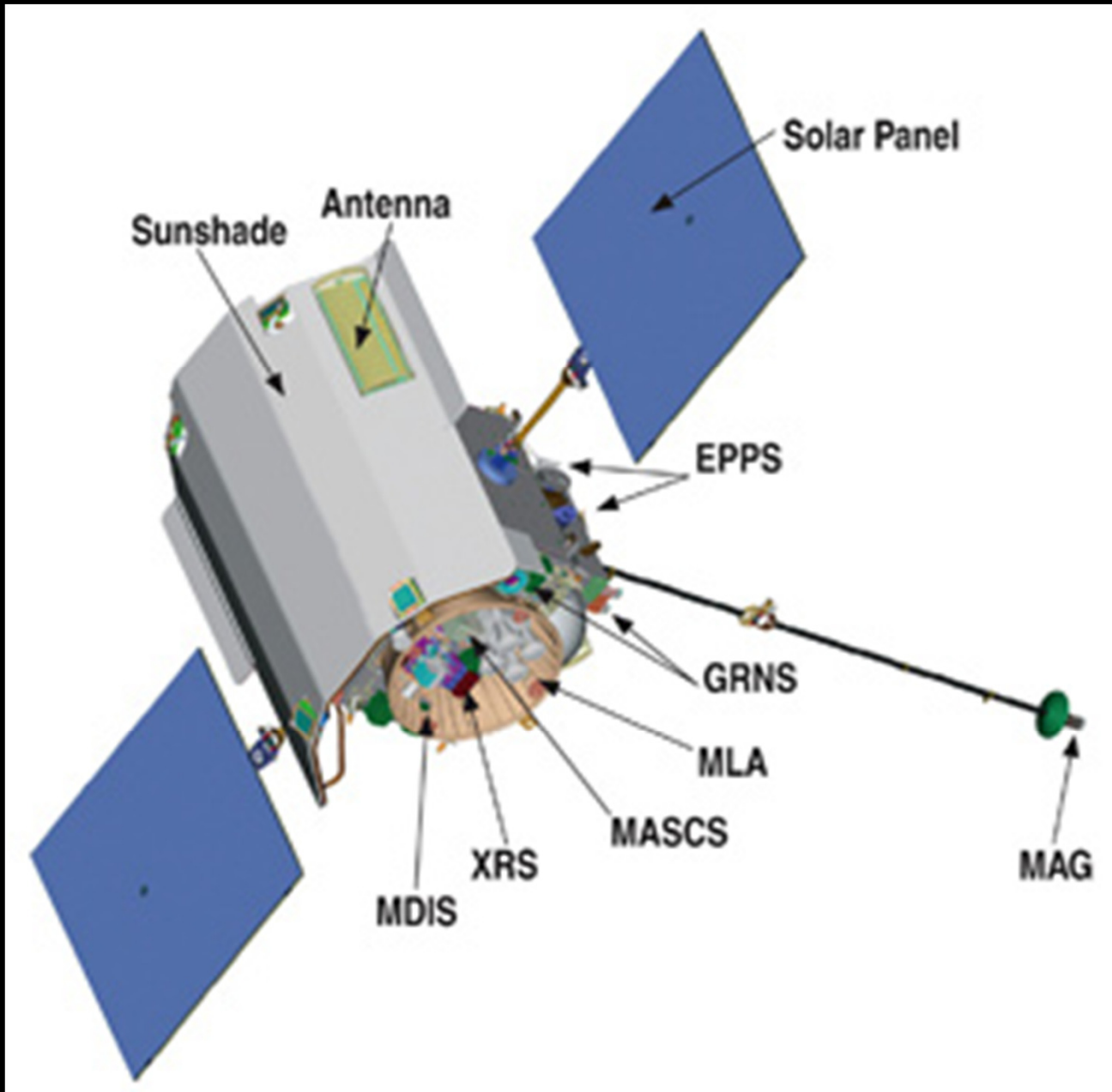
Space

ENvironment

GEochemistry and

Ranging

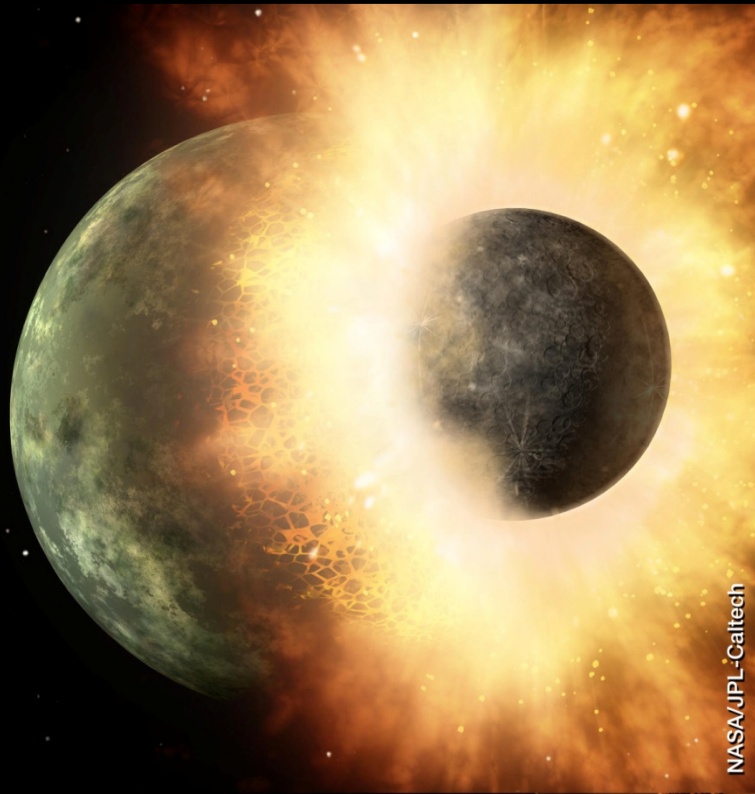




Let's Review

1. Why is Mercury so dense?
2. What is the geologic history of Mercury?
3. What is the nature of Mercury's magnetic field?
4. What are the unusual materials at Mercury's polar regions?

Mercury's Density



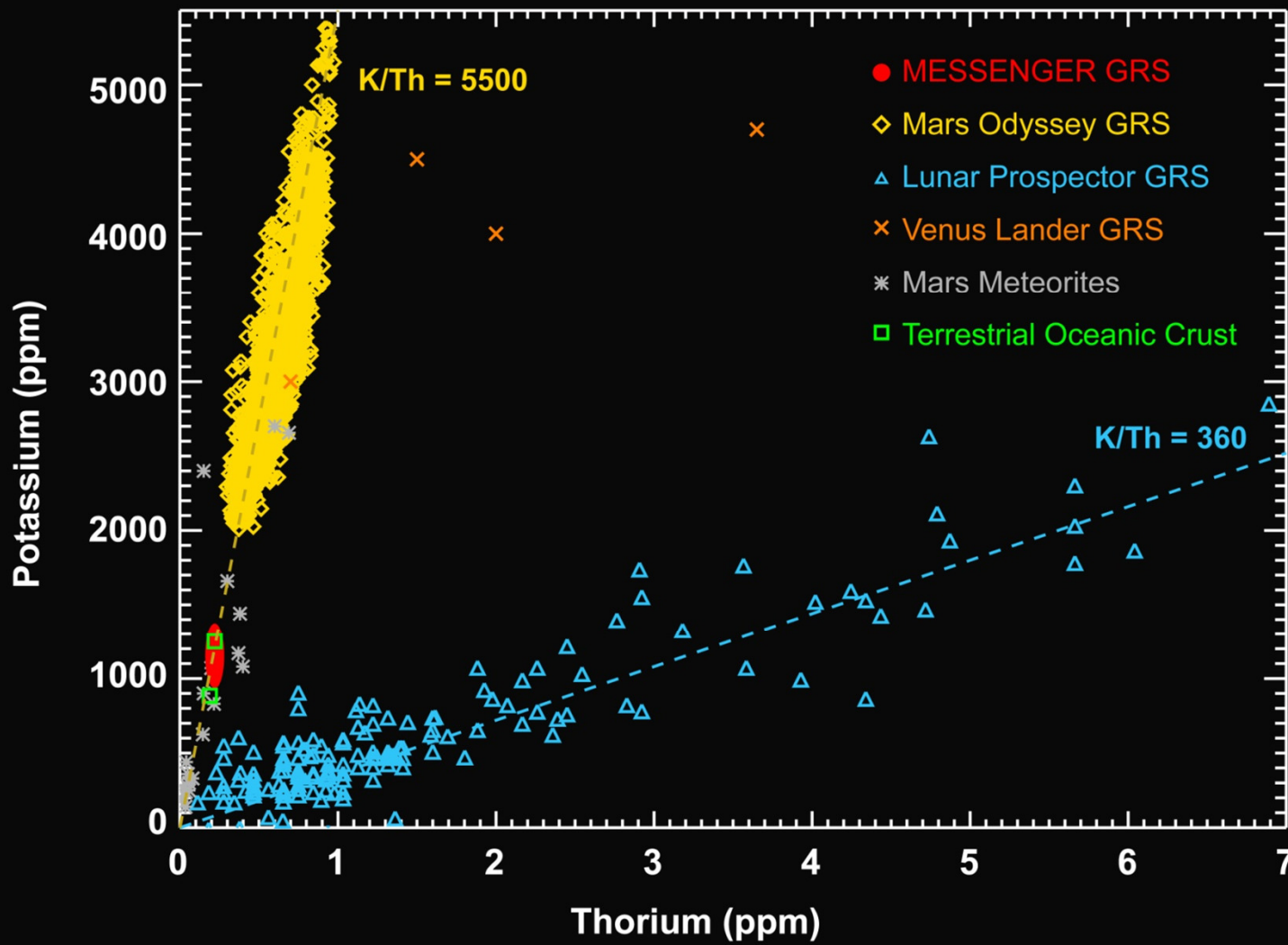
NASA/JPL-Caltech



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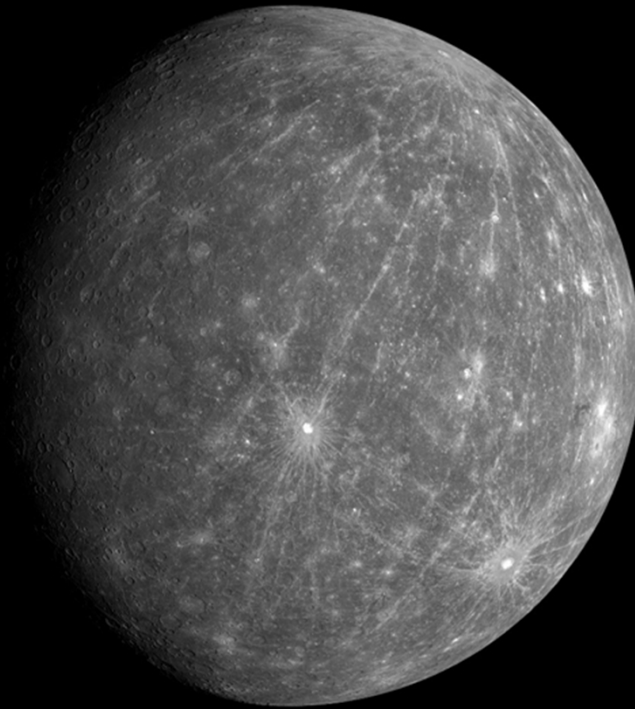
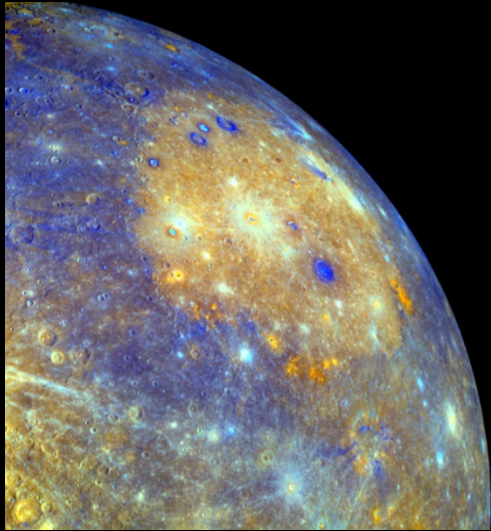
The Winner....





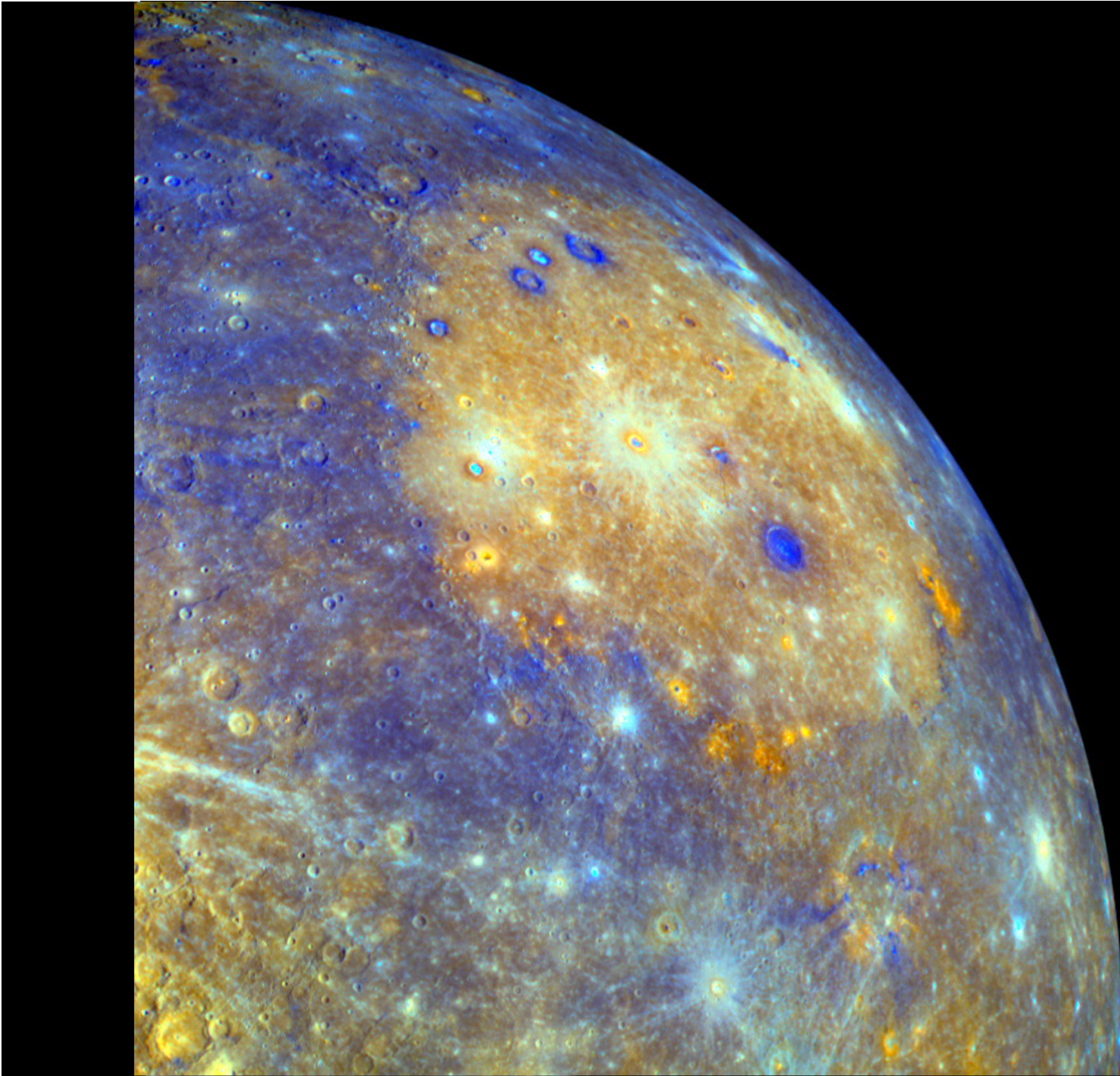
Courtesy of Science/AAAS

Geological History

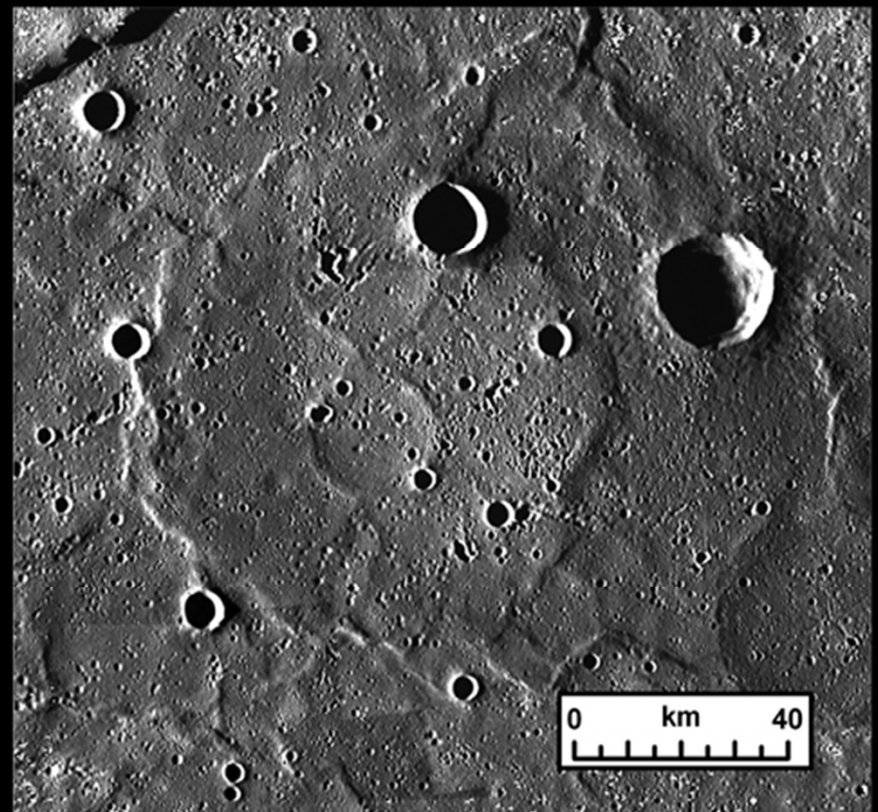
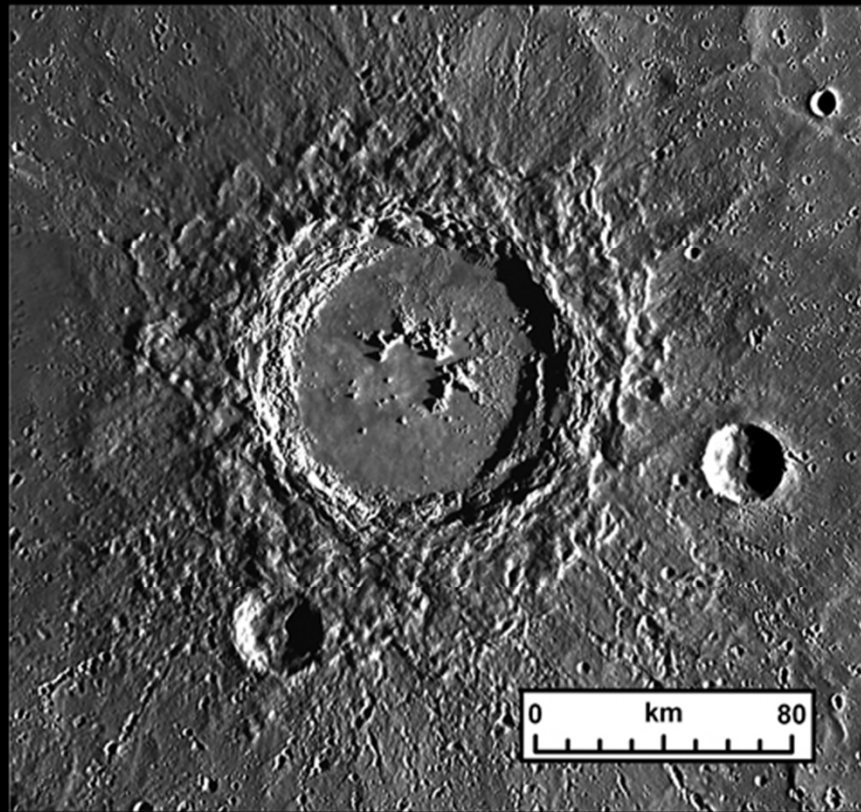


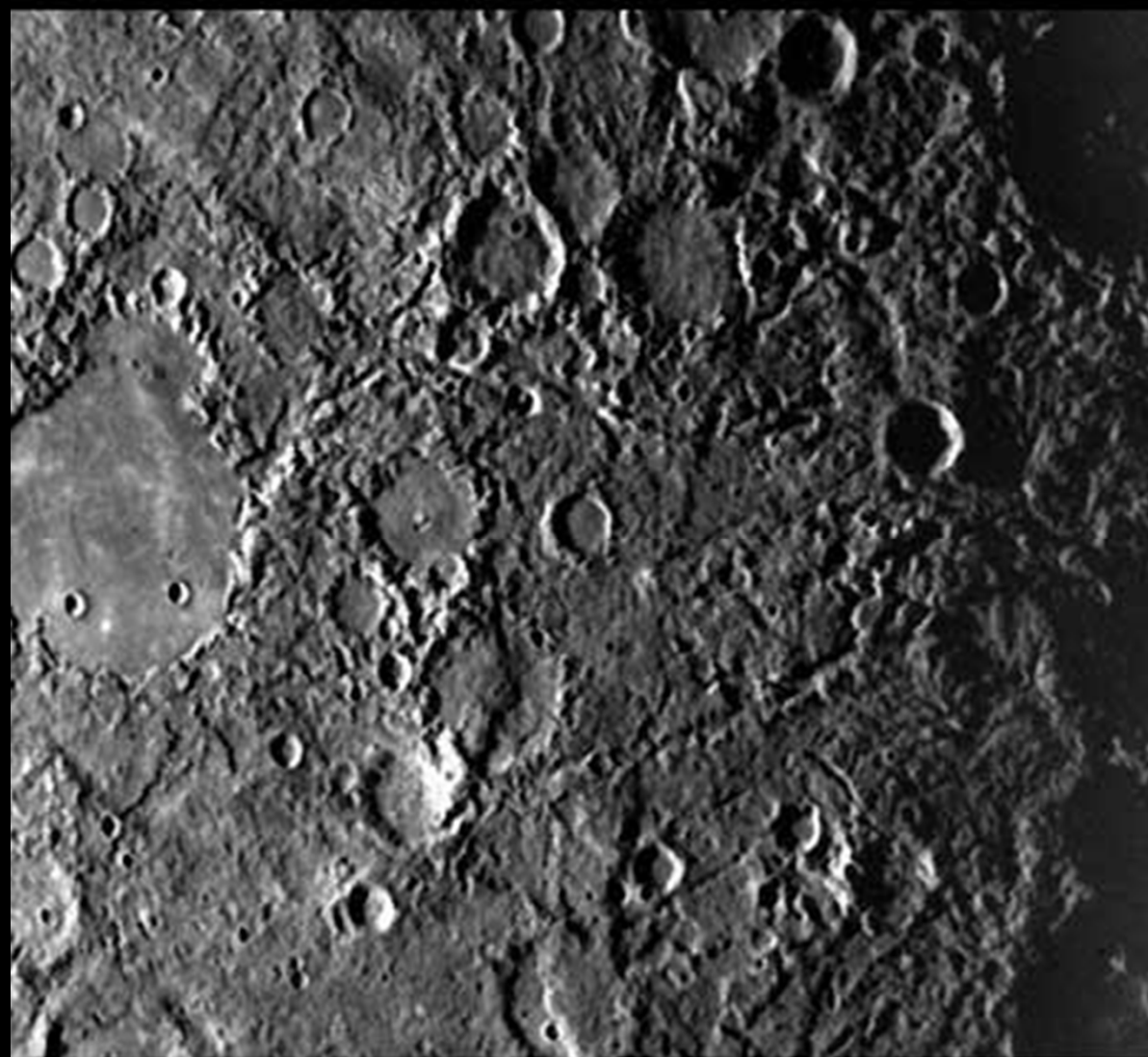


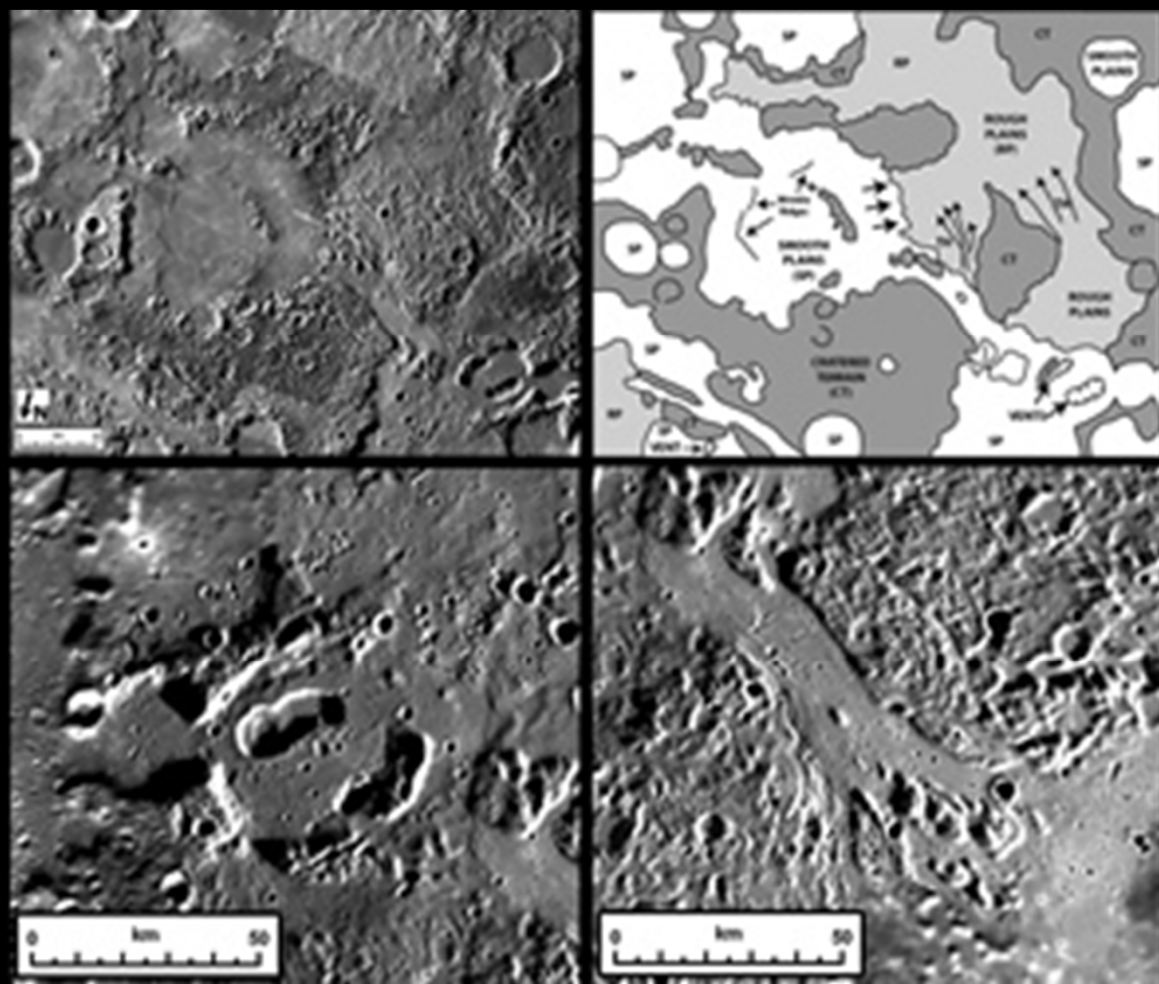




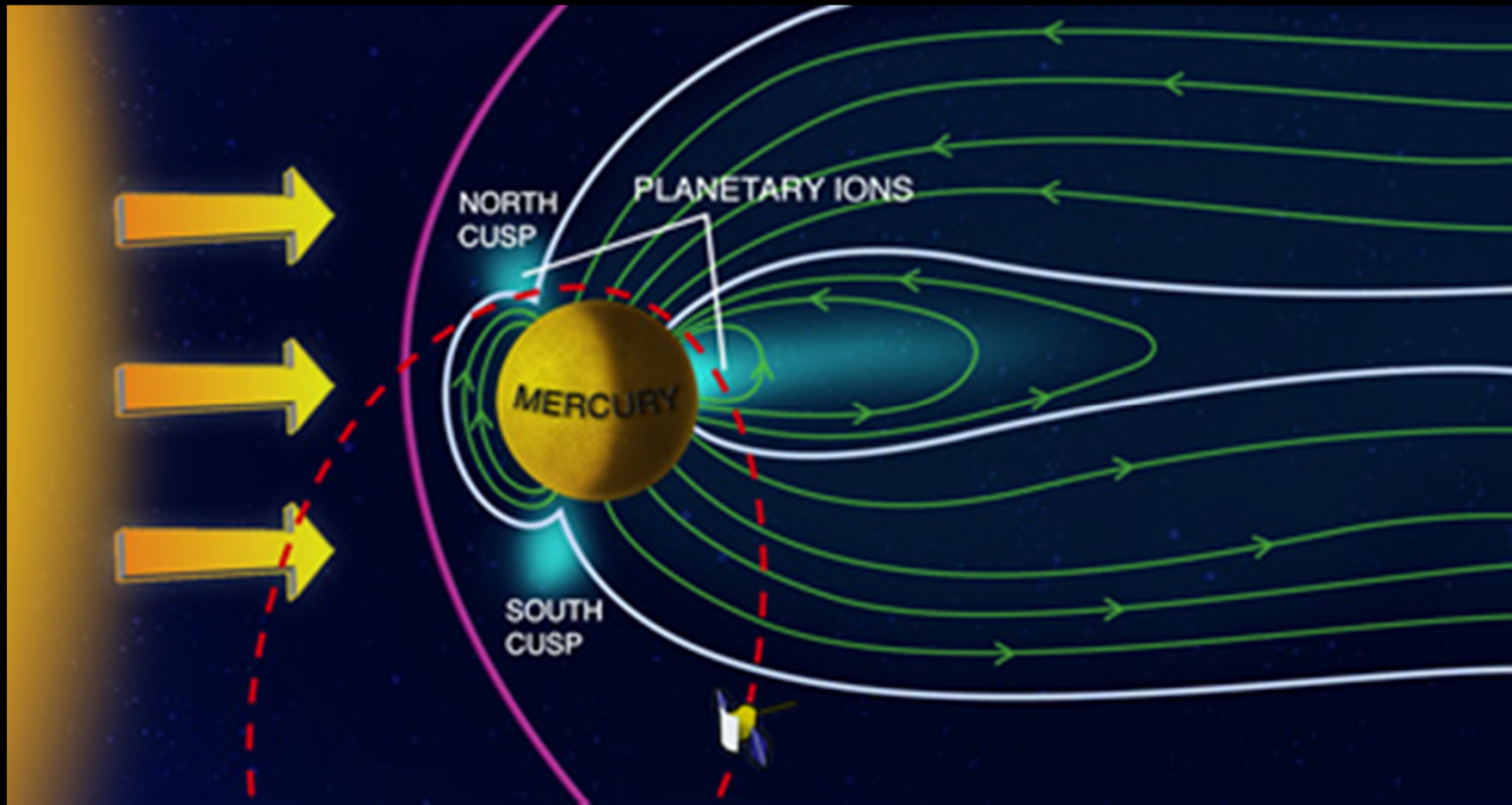
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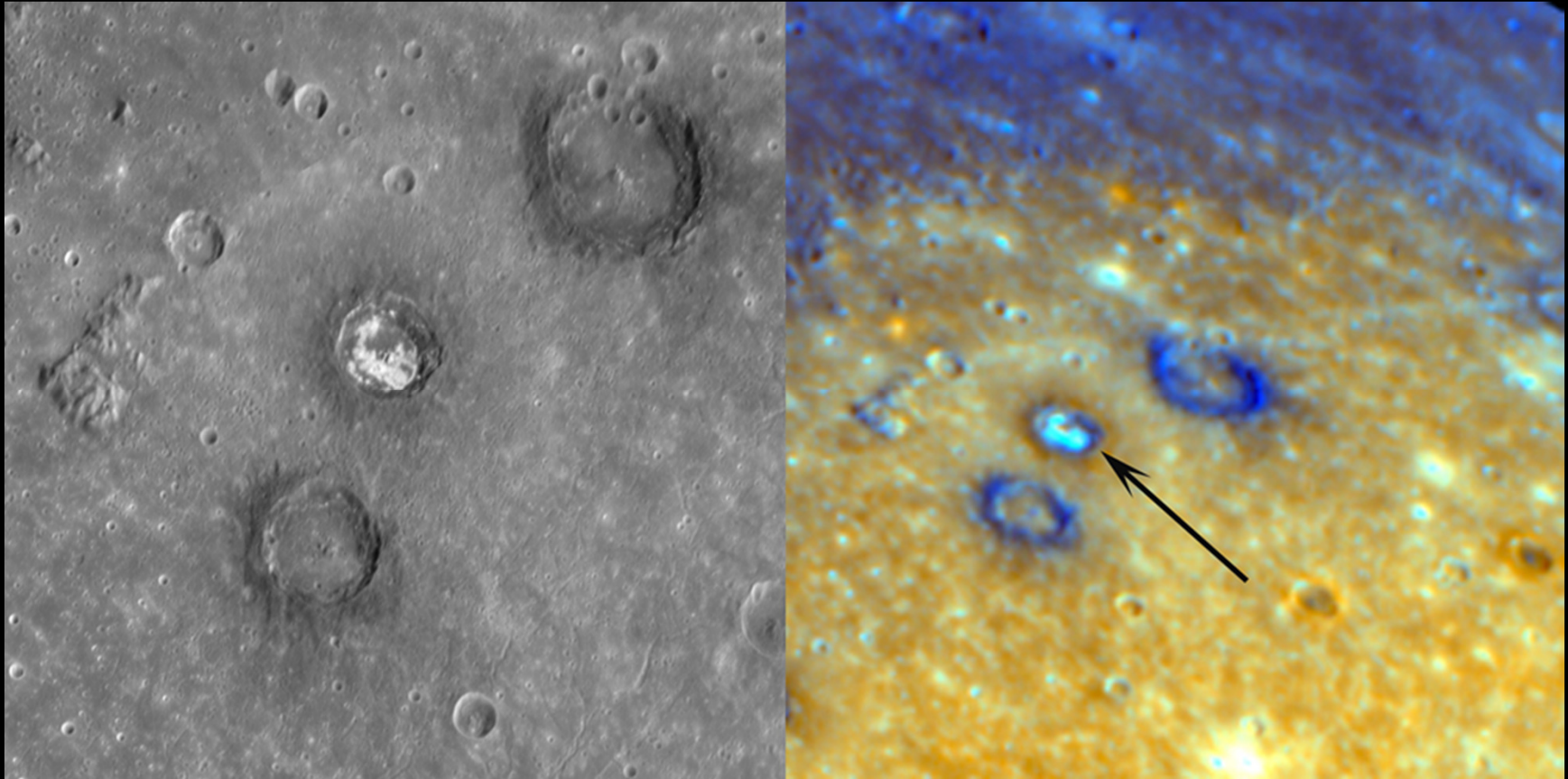


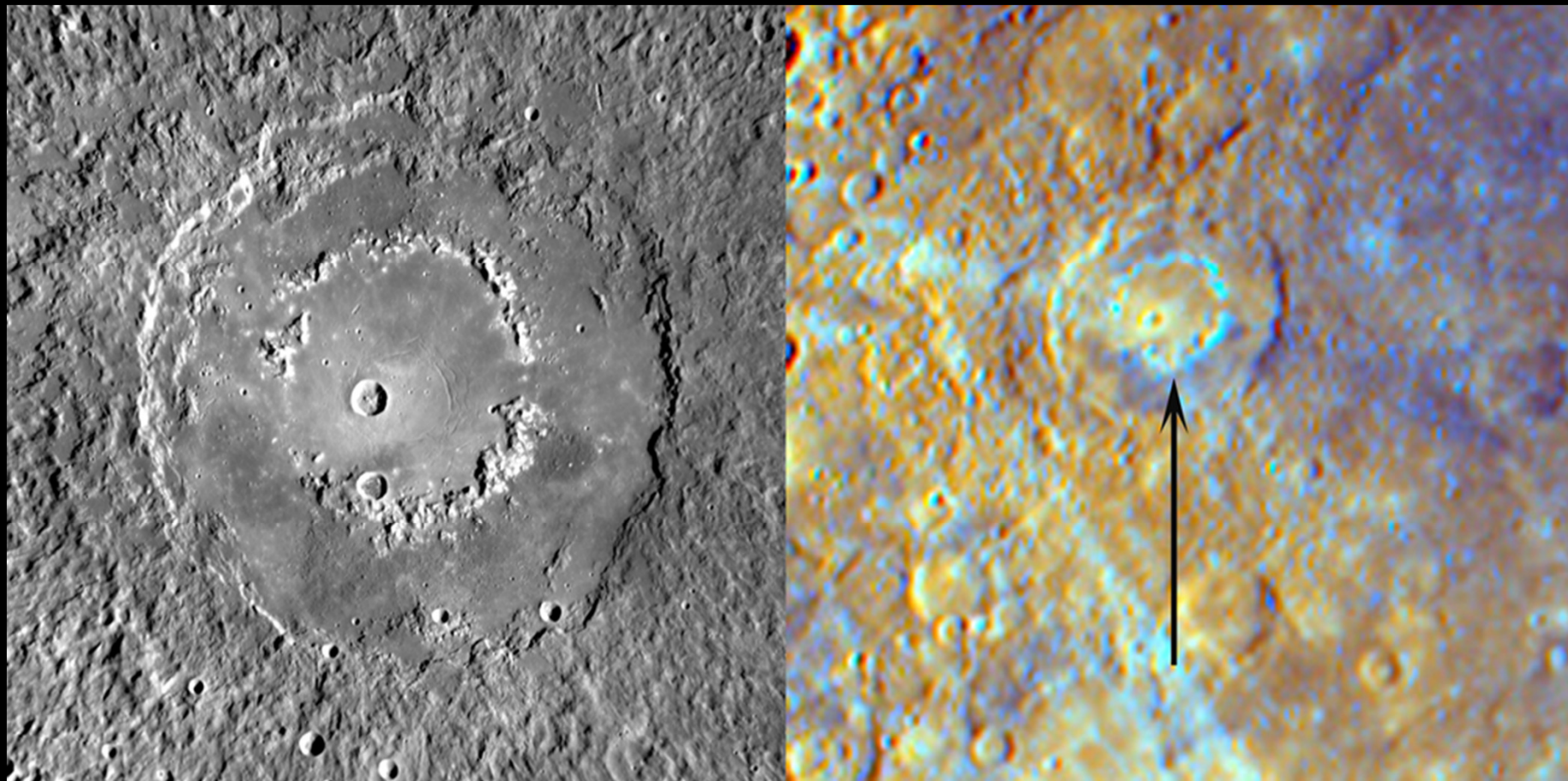


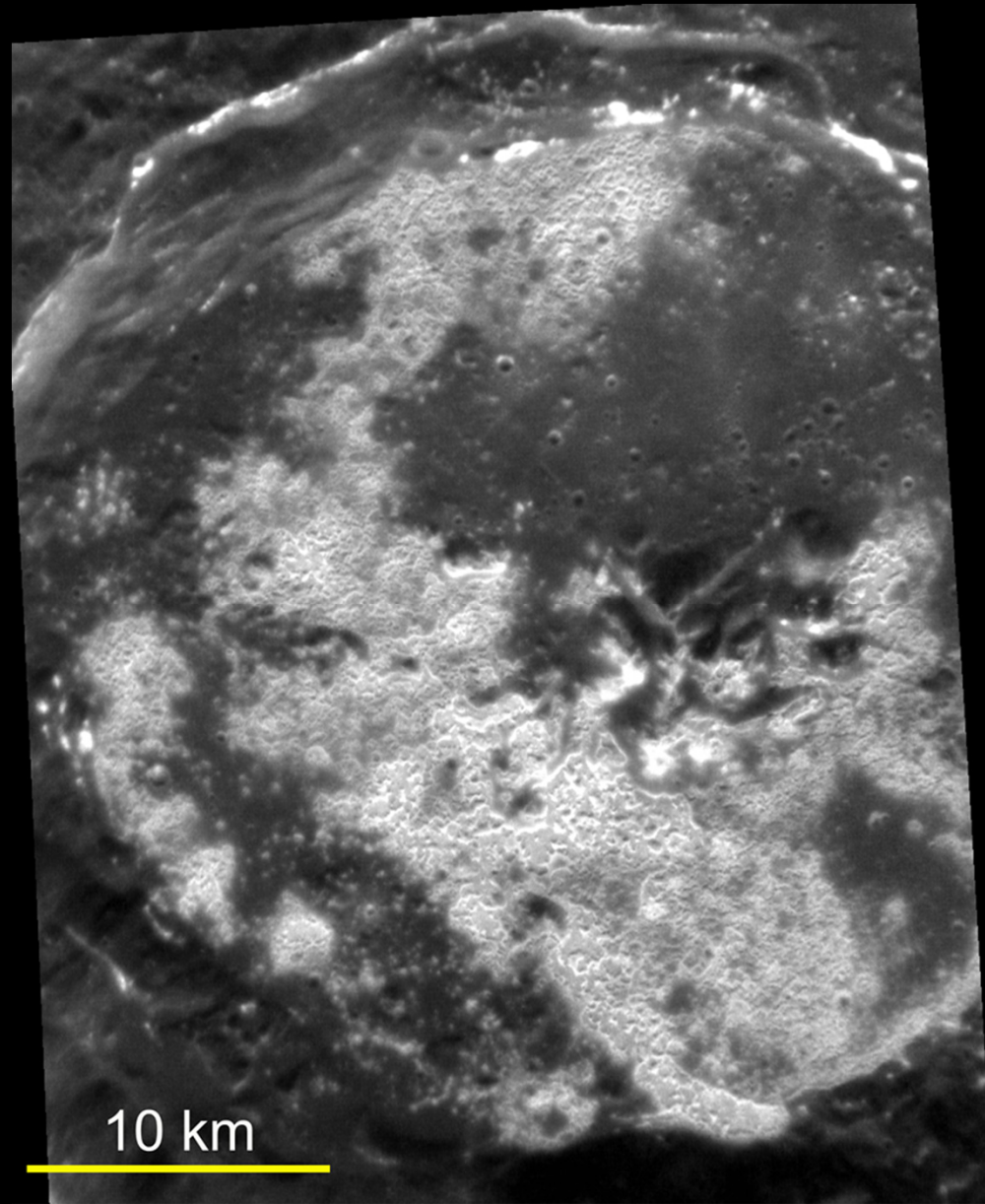
It ain't Van Allen



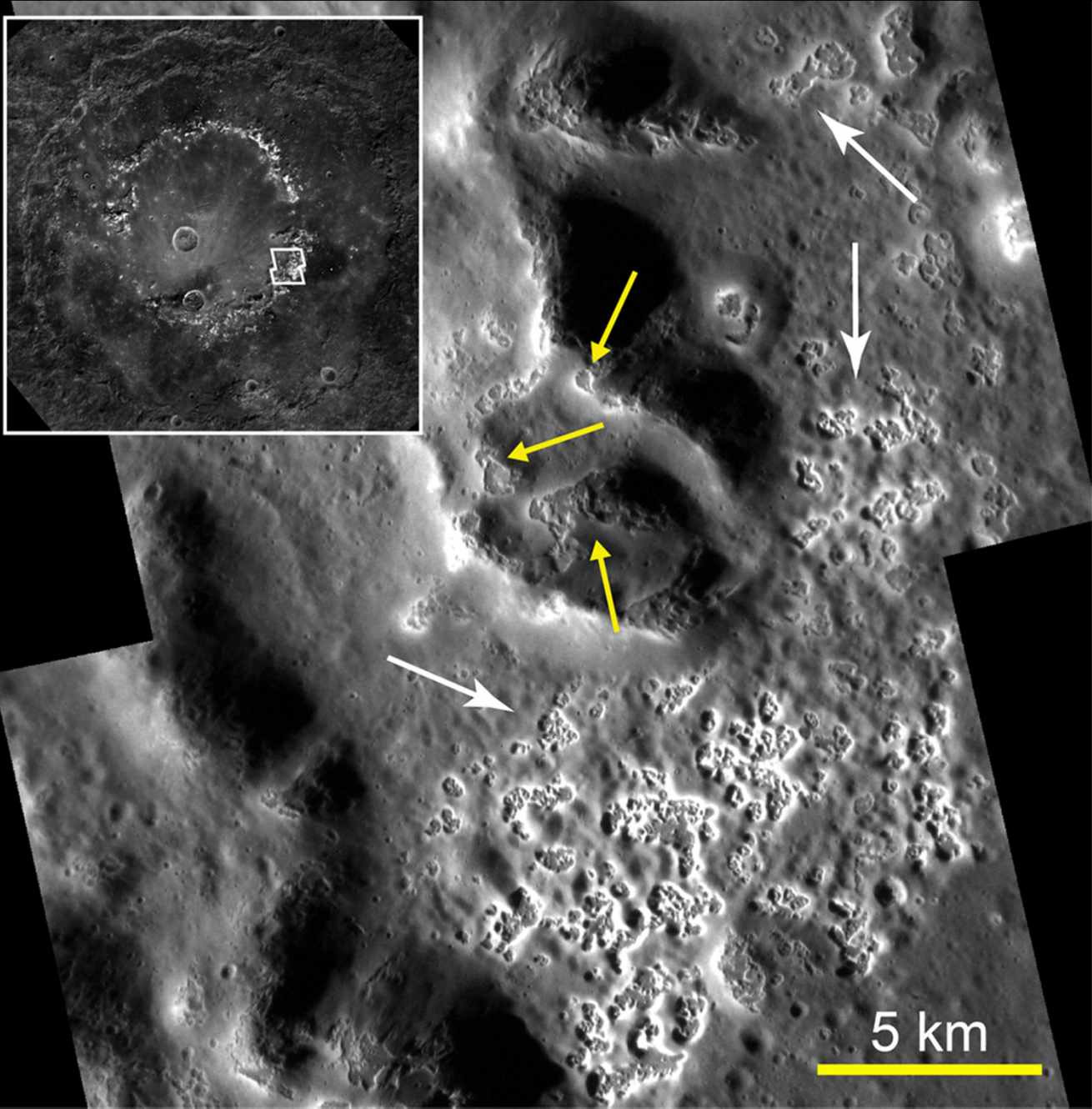
What's so bright?...

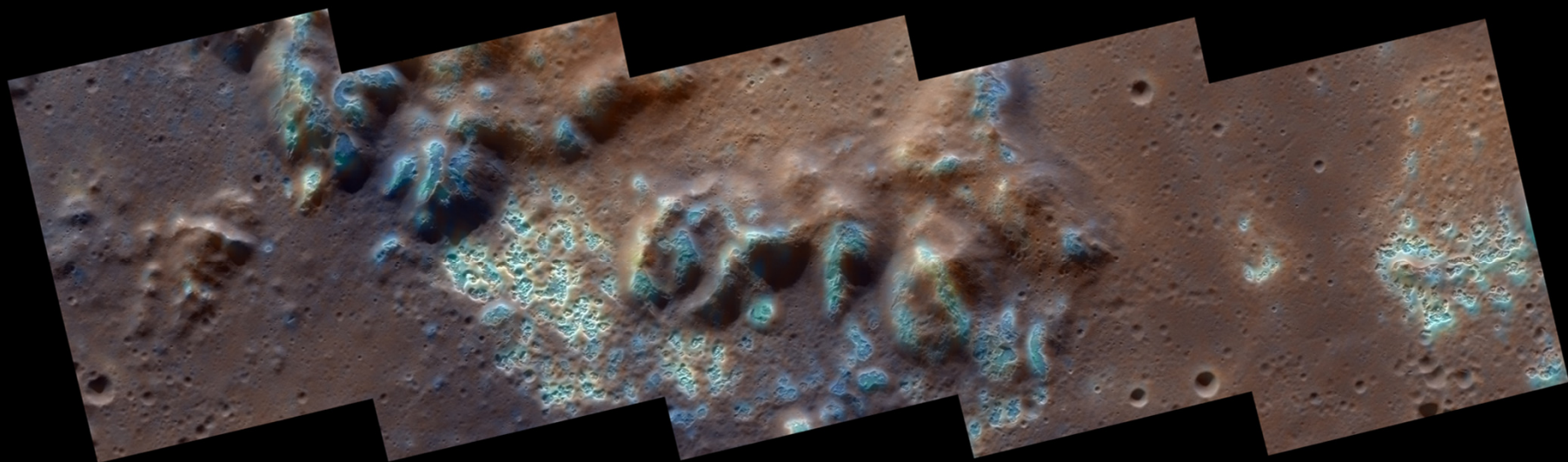


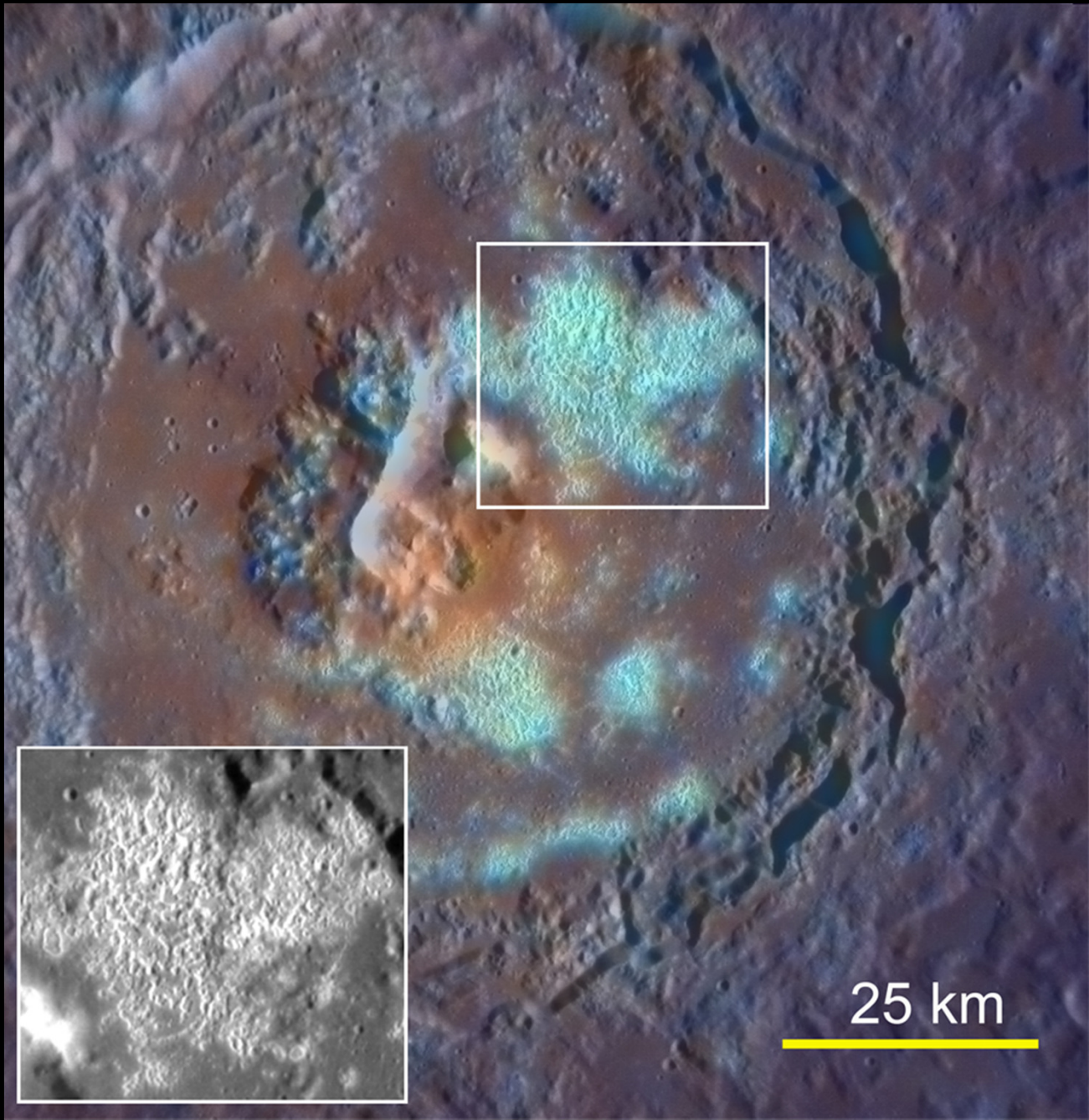




10 km







Votalites

What's Next

