Anomalous Dielectric Variability in the central peak of Tycho crater on the Moon: New Insights from Mini-RF S-band Observations

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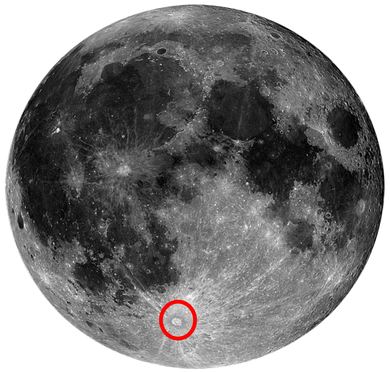
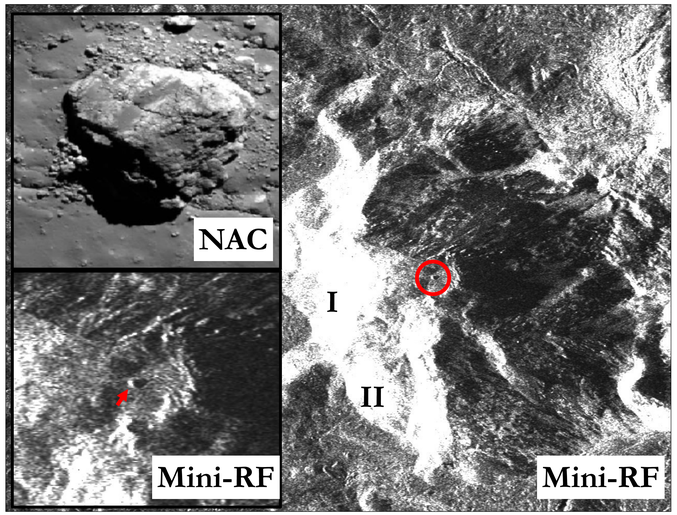
A



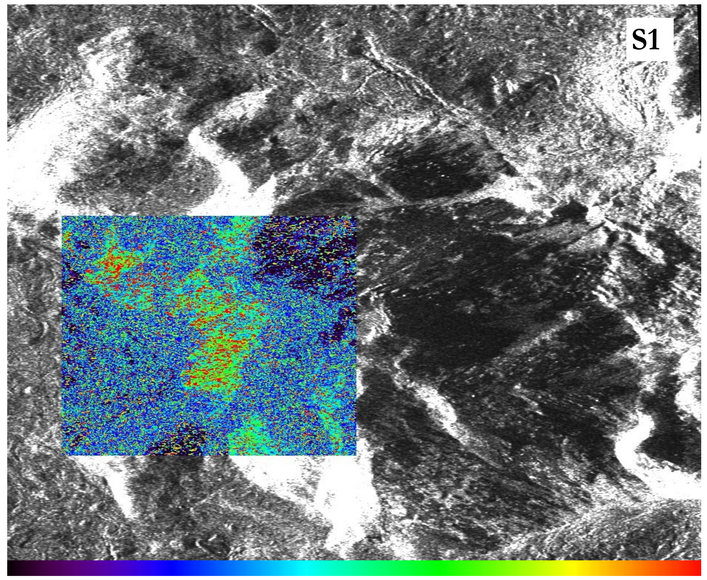


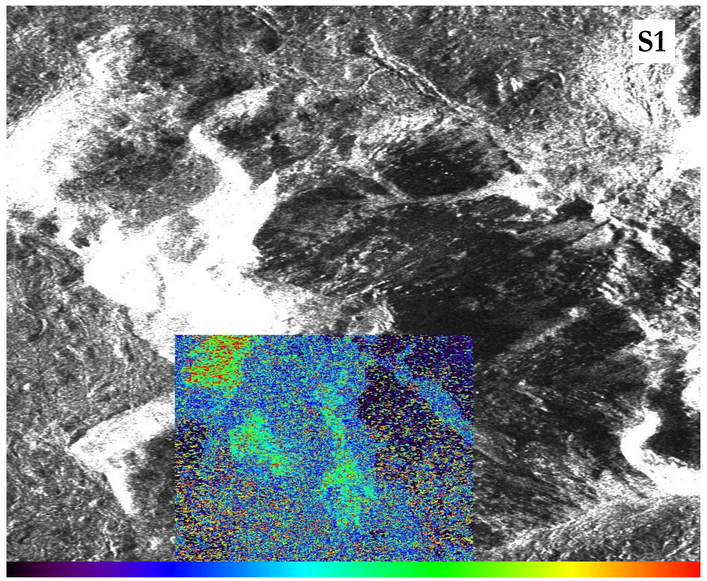
Mini-RF: Miniature Radar, NAC: Narrow Angle Camera

Presence of cm- to m-scale surface and subsurface scatterers within a low dielectric medium. Exposure of clasts in size from 1 meter to 100s of meter; existence of thermal skin depth. Small radar shadows due to the rugged surface of the boulder.

B

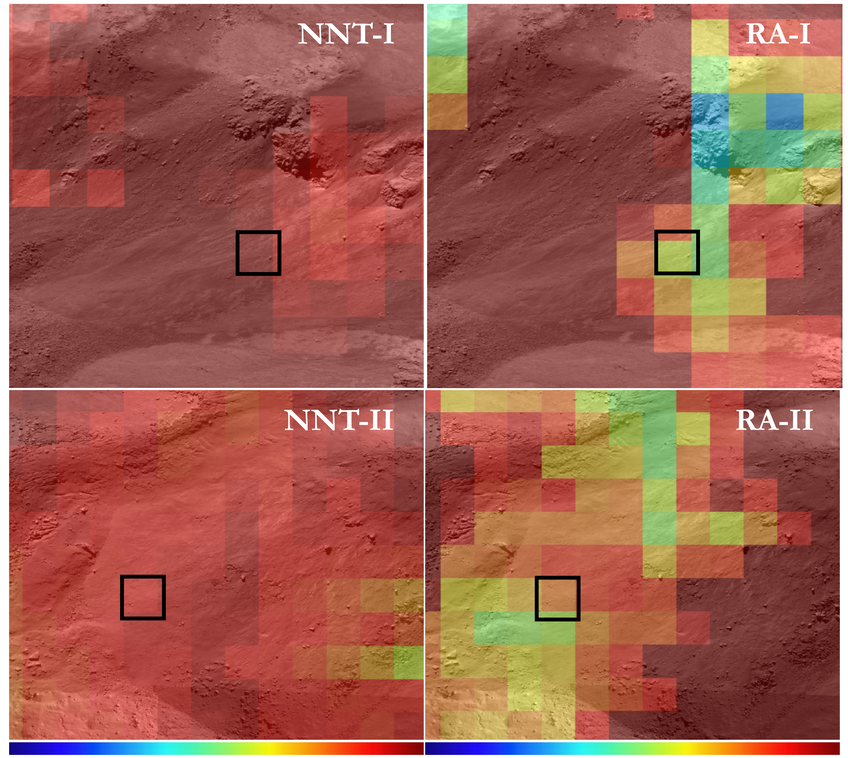
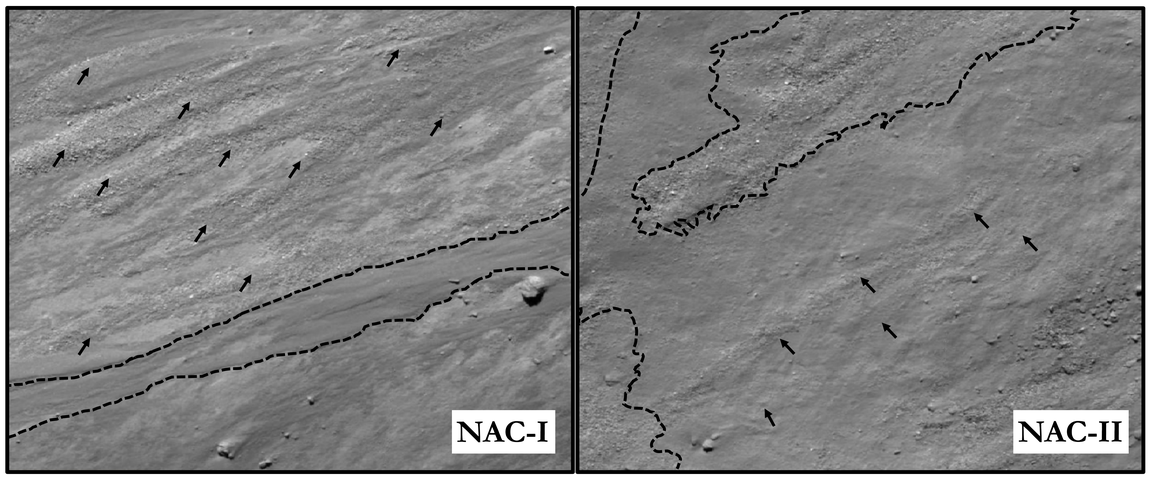
Dielectric Variations





C

NNT: Normalized Nightime Temperature, RA: Rock Abundance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