

Lakes of frozen water discovered on the Moon

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We have discovered two large lakes of frozen water on the South Pole of the Moon. The findings are important because these lakes are not the aquifers hidden deep inside the permanently shadowed parts of craters reported earlier by NASA, instead they are on the lunar surface itself making them the ideal sites for future human habitats on the Moon. Furthermore, there is a very strong possibility of life inside the lakes in the form of unicellular microorganisms and primitive multicellular organisms and lower plant species, algae, lichens etc. At one site, there are several cave-like

structures near the lake which can serve as perfect shelters for humans to protect them from the harmful solar and cosmic radiations and extreme temperatures. These lakes were spotted on the vast lunar surface imagery obtained by NASA through its Lunar Reconnaissance Orbiter Camera and posted in the public domain. We have also determined the exact locations of the lakes. One lake is at a latitude of -69.48547 and longitude of -168.60 while the other is situated at a latitude of -30.82407 and a longitude of 80.12105, respectively on the lunar South Pole.

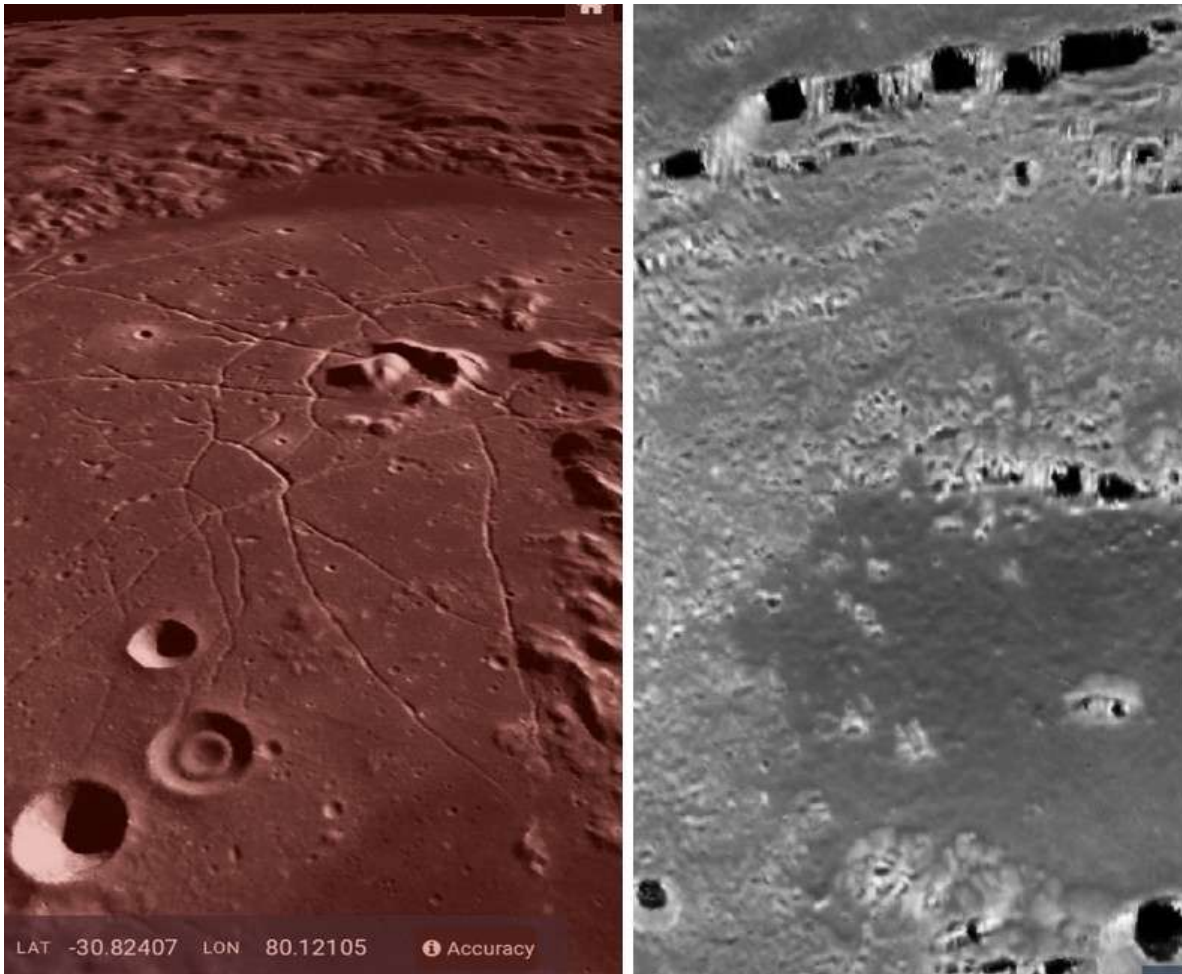


Fig. 1. The two lakes of frozen water spotted on the lunar South Pole