
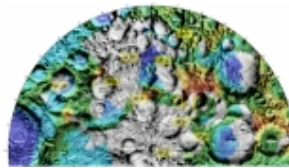




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Rome, Italy - From preliminary results to NASA mission, the definitive confirmation: ice at the Poles (WAPA) - There are no more doubts at this point. After the observations with sound waves and artificial satellites that, just some weeks ago, were giving for almost certain presence of water on the Moon to several latitudes, it

reaches now the confirmation with the so expected data (preliminaries, for now) of the mission Nasa L-Cross.

Last October 9 the mission, thrown in June, had thrown in the beautiful means of the polar crater Cebeus a "Bullet" that has raised from the lunar surface a dusts cloud. The twin mission Lro, in orbit around the Moon, in the meantime was retaking the whole scene, and since then the seekers are analysing the spectres (or the light reflected by the cloud of dusts) looking for the characteristic traces of the water molecules.

The results have been made well-known by NASA last Friday, and there goes premise that they are still preliminary. But they are enough to declare that there is water (or better ice, being a region of the Moon that does not receive solar light), with many other decidedly interesting compound others.

The characteristic "Lines" of the molecule of H₂O have been observed much in the infrared one as in the ultraviolet one, and even if an exact measurement will ask still for much I work, according to Anthony Colaprete, principal investigator of L-Cross, the water it might constitute up to 1 percent of the composition of the "Plume" of dust raised from the impact. In the spectres they jump outside nevertheless also over the molecular signatures of different hydrocarbons and of mercury, the most unexpected datum.

The Lro/L-Cross team continues whichever to be worked on full rhythm on the data, and it is probable that the surprises are not final. (Avionews)

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