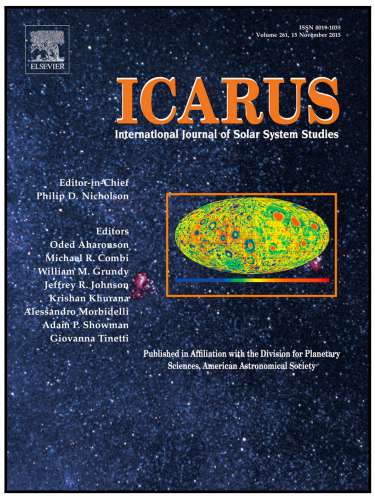

Aqueous origins of bright salt deposits on Ceres

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Highlights

- The speciation and pH are evaluated for post-impact solutions in Occator crater.
- The composition of observed salts suggests a rapid isochemical emplacement.
- Salts deposited in ice grains from plumes and accumulated at the boiling depth.
- Hydrated and ammonium salts are unstable at the surface in Occator.
- Other bright materials are excavated plume and subsurface salt deposits.