

Impact mark discovered on Jupiter by australian amateur astronomer

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On Sunday, 19th July 2009, a new dark spot at high jovian latitude was recorded with a 14,5" Newtonian and a Dragonfly2 mono camera by the author at 14:11 UT. The spot appeared at the limb and during the next 2 hours it was monitored.



The spot was rotating in sync with a nearby white oval storm, so it could not be a moon shadow.

Jupiter was rising from 57 ° to 68 ° altitude and the seeing became better. More and more details have been seen and the spot was dark in all monitored wavelength (RGB Filterset from Astrodon).

Images of the same region captured 2 days earlier did not show any mark, so the spot might be an impact mark. After a “quick and dirty” processed image of the region with the new dark spot, an alert was given by e-mail and phone.

One day later Glen Orton from JPL confirmed the mark as real.



References

<http://jupiter.samba.org/>