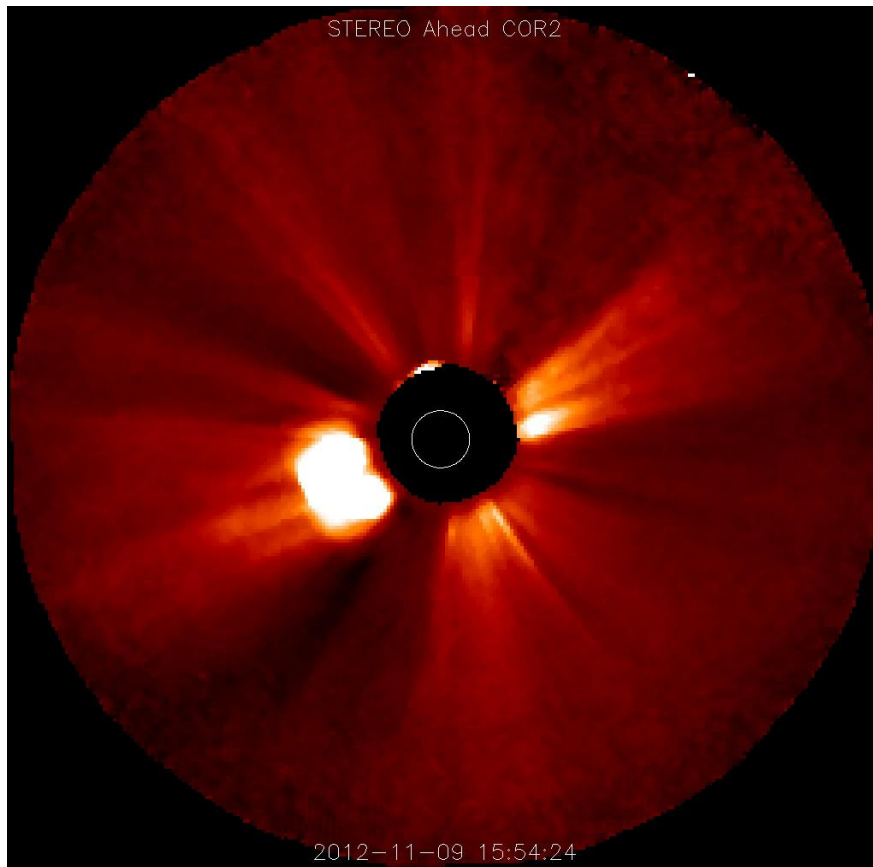


Magnetic disturbance on Nov.12,2012. Origin filament eruption +CME on Nov. 09, 2012

A filament eruption + CME was observed around sunspot 1608, on Nov.9, 2012. This region is in a good Earth facing position and a Coronal Mass Ejection (CME) was visible. A portion of the cloud looks to be Earth directed. With a potential for an Earth impact by late on November 12.



The ACE Spacecraft detected an interplanetary shock at ~15 UTC with an initial maximum intensity at 22:20 UTC. Monday 12, evening. Almost an hour later, a counting rate sudden increase was detected by the ground based Tupi telescope. Specially in the tilted West telescope located in Niteroi Brazil. This signalled the passage of the Coronal Mass Ejection past Earth.

