

Hydrogen H α emission measurements in Apatity during the solar protons event on September 25, 2001

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Intensive H α emission was registered at Apatity with computer controlled spectrograph SpectraPro 306 and intensified CCD camera PentaMax on September, 25 – 26 2001. Optical data are compared with available satellite data on the solar proton fluxes. The origin of the optically active protons – magnetosphere or interplanetary space – is discussed.