



Can a variable interstellar hydrogen flow influence Earth climate?

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It was already shown, that an encounter of the heliosphere with dense interstellar clouds can lead to dramatically changes in the Earth atmosphere (Yeghikyan Fahr 2004), because then a high flux of neutral hydrogen atoms effect the chemistry of the terretrial upper atmosphere. Here we will dicuss more moderate changes of the state of the interstellar environment and its impact to the upper atmosphere.