

INFO TECH n. 23/2019

Dipartimento Tecnico – 25 Settembre 2019

(english text at the bottom)

GEOMAGNETIC STORM G2 PREVISTA

Gentili Colleghi,

Il Dipartimento Tecnico Anpac già da diversi anni riceve in automatico gli alert del NOAA (National and Oceanic Atmospheric Administration) con lo scopo di segnalare con tempestività i fenomeni potenzialmente pericolosi per la salute e per il volo.

Vi segnaliamo l'ultimo alert arrivato oggi riguardante una tempesta geomagnetica di classe G2 per il giorno 28 settembre.

Space Weather Message Code: WATA30 Serial Number: 181 Issue Time: 2019 Sep 25 1856 UTC WATCH: Geomagnetic Storm Category G2 Predicted Highest Storm Level Predicted by Day: Sep 26: None (Below G1) Sep 27: G1 (Minor) **Sep 28: G2 (Moderate)**

Potential Impacts: Area of impact primarily poleward of 55 degrees Geomagnetic Latitude. Induced Currents - Power grid fluctuations can occur. High-latitude power systems may experience voltage alarms. Spacecraft - Satellite orientation irregularities may occur; increased drag on low Earth-orbit satellites is possible. **Radio - HF (high frequency) radio propagation can fade at higher latitudes.** Aurora - Aurora may be seen as low as New York to Wisconsin to Washington state.

Grazie per l'attenzione

[ANPAC - Dipartimento Tecnico](#)

Per ogni osservazione o feedback è gradita un'email a: dt@anpac.it

English Version

Dear Members,

For several years, the Anpac Technical Department has been automatically receiving alerts from the NOAA (National and Oceanic Atmosphere Administration) with the aim of promptly reporting phenomena that are potentially dangerous for health and flight.

Please note the latest alert arrived today regarding a G2 class geomagnetic storm on 28 September.

Space Weather Message Code: WATA30 Serial Number: 181 Issue Time: 2019 Sep 25 1856 UTC WATCH: Geomagnetic Storm Category G2 Predicted Highest Storm Level Predicted by Day: Sep 26: None (Below G1) Sep 27: G1 (Minor) **Sep 28: G2 (Moderate)**

Potential Impacts: Area of impact primarily poleward of 55 degrees Geomagnetic Latitude. Induced Currents - Power grid fluctuations can occur. High-latitude power systems may experience voltage alarms. Spacecraft - Satellite orientation irregularities may occur; increased drag on low Earth-orbit satellites is possible. **Radio - HF (high frequency) radio propagation can fade at higher latitudes.** Aurora - Aurora may be seen as low as New York to Wisconsin to Washington state.

[ANPAC - Dipartimento Tecnico](#)

Any comments or feedback is welcome by emailing us at: dt@anpac.it