DISCIPLINA: CLIMA ESPACIAL (2 CRÉDITOS)

1 - O Sol. Estrutura. Atividade. O Ciclo Solar.

2 - IMF. Definição. Características na vizinhança terrestre. Atividade.

3 - Terra. Campo geomagnético. Magnetosfera. Ionosfera. Índices geomagnéticos.

4 - Perturbações solares. Manchas solares. Flares. CMEs. Buracos coronais.

5 - Tempestades geomagnéticas. O Eletrojato equatorial. A anomalia do Atlântico Sul.

6 - Inter-relação entre Clima Espacial e Clima Terrestre. Raios Cósmicos.

SPACE WEATHER (2 CREDITS)

1 - The Sun. Structure. Activity. The Solar Cycle.

2 - IMF. Definition. Features at the Earth's vicinity. Activity.

3 - The Earth. The geomagnetic field. Magnetosphere. Ionosphere. Geomagnetic indexes.

4 - Solar Disturbances. Sunspots. Flares. CMEs. Coronal holes.

5 - Geomagnetic storms. The equatorial Electrojet . The South Atlantic anomaly.

6 - Interrelationship between Space Weather and Climate Earth. Cosmic rays.

CLIMA ESPACIAL (2 CRÉDITOS)

1 – El Sol. Estructura. Actividad. El Ciclo Solar

2 - IMF. Definición. Características en la vecindad de la Tierra. Actividad.

3 - Tierra. El campo geomagnético. Magnetosfera. Ionosfera. Los índices geomagnéticos.

4 - Las perturbaciones solares. Las manchas solares. Flares. Las CMEs. Agujeros de la corona.

5 - Tormentas geomagnéticas. El Electro chorro ecuatorial. La anomalía del Atlántico Sur.

6 - Interrelación entre Clima espacial y Clima terrestre. Los rayos cósmicos.

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