



Royal Astronomical Society Specialist Discussion Meeting

SPACE WEATHER

A Dialogue Between Scientists and Forecasters

Organisers:

Dr. Deb Baker (UCL/MSSL), Dr. Lucie Green (UCL/MSSL), Prof. Lidia van Driel-Gesztelyi (UCL/MSSL), and Prof. Steve Milan (University of Leicester)

Five day forecast



Mon



Tue



Wed



Thu



Fri

Friday 13th December 2013
Royal Astronomical Society Lecture Theatre
Burlington House, Piccadilly

The Sun is currently at the peak of its activity cycle - a time when space weather events become more frequent giving the opportunity to study how a range of solar phenomena ultimately leads to magnetospheric, ionospheric and ground level disturbances. The inclusion of space weather in the National Risk Assessment in 2012 means that there is now an urgent need for dialogue between those doing the science of space weather and those using the data to mitigate the risks.

The goal of this session is to discuss the current status of observations and recent new advances in the theories and models of the solar corona and the formation of the solar wind and solar eruptions, and to link these research areas with those of geomagnetic activity and sub-storms, including how various data sets are coupled with modelling to improve forecast capability.

This Specialist Discussion Meeting is open to all; admission is free for RAS members, £15 for non-members (£5 for full-time students). For further details of location and times see www.ras.org.uk/ or phone the Society on 020-7734-3307.