Some web-resources, reported at UN/Austria Symposium on Space Weather, 18 - 21 September 2012, in Graz, Austria

Web-sites you should visit.

ESA – Space Situational Awareness Space Weather – SWE.
This is a Web-portal developed by ESA.
Aims:
"SWE services will centre around the SWE Data Centre at ESA's Redu station and a new SWE Service Coordination Centre (SSCC), located in Belgium at a location to be defined during the SSA Preparatory Programme.
ESCs will act as focal points within the SWE architecture for expertise, data and products in that area from across Europe."
http://swe.ssa.esa.int/

KANZELHÖHE OBSERVATORY for Solar and Environmental Research
http://www.solobskh.ac.at/index_en.php
includes http://www.solarmonitor.org/

Solar Influences Data Analysis Center (SIDC)
The SIDC includes the World Data Center for the sunspot index and the ISES Regional Warning Center Brussels for space weather forecasting
http://www.sidc.be/

SIDC Data Products and Services
3-day Forecast of Solar and Geomagnetic Activity: Latest Issue and Archive
http://sidc.oma.be/ssa/

Analysis Center–Space Weather (in Russian)
Provides information about the current state of near space: Sun and Magnetoshere
http://swx.sinp.msu.ru/

NOAA Space Weather Alerts from SWPC
http://www.swpc.noaa.gov/alerts/index.html

ISESE Regional Warning Centres
(there are fourteen Regional Warning Centres distributed around the globe)
http://www.ises-spaceweather.org/ISES.php?target=Regional_Warning_Centers&id=p4&include=Regional_Warning_Centers&title=Regional+Warning+Centres

Web services
AVIDOS - a code for radiation dose assessment of aircraft crew exposure due to cosmic radiation at flight altitudes.
WEB address: http://avidos.ait.ac.at/avidos.asp
The access through web browser
Provider: AIT Austrian Institute of Technology GmbH, 2010. All rights reserved
Description: FREE
o Calculate the resulting radiation dose in flight.
o Calculate the resulting radiation dose during flight.
o You can select
        1. the date of the flight;
        2. Airport of departure and the airport of arrival;
Special requirements: You must have installed JAVA plug-in.
Languages: English, German, French, Italian, Spanish, Russian

KHO Auroral forecast service
WEB address: http://kho.unis.no/Forecast.htm
The access through web browser
Provider: Kjell Henriksen Observatory (KHO)in Svalbard, Norway
Description: FREE
Two images are updated every 15 minutes. Left image show the size and location of the impact zone of energetic particles from the Sun, i.e. a green circular belt of auroral emissions around each geomagnetic pole. These belts are known as the auroral ovals. Right image shows the local all-sky view of the oval. Sun, moon and satellite or star poistions are also inluded. 5 auroral stations are included in the above animation.
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Tools that run on your computer.
SWB Solar Weather Browser
WEB address: http://www.sidc.be/swb/
Run on your computer
Provider: Royal Observatory of Belgium
Description: FREE
The Solar Weather Browser (SWB) is a software tool developed by the Royal Observatory of Belgium for easy visualisation of solar images in combination with any context information that can be overlaid on the images and that is space weather relevant. In Fig. 1, two examples are shown of two interactively choosen combinations of data. On the left, a combination of an EIT/19.5 nm image with an overlay of CME detections by CACTus. On the right, a combination of an EIT/17.1 nm image with a 14 degrees grid and NOAA active region numbers.

Requirements: Guidelines are on the site above.
Run on Windows 2000/XP or late, Apple Mac OS X 10.6 or later (Intel), Linux ??
Languages: English

KHO Auroral forecast service (for PC)
WEB address: http://kho.unis.no/Forecast.htm (click on Software)
Run on your computer
Provider: UNIS – The University Centre in Svalbard, Norway
Description: FREE
Real time animation of the Aurora oval (Satellites and more) mapped onto the Earth's surface is created. The nightand dayside are visualized together with the location of the twilight zone as Earth rotates under the aurora oval.

Requirements: Windows XP or later
Languages: English

KHO Auroral forecast service (for mobile)
WEB address:
http://www.unis.no/60_NEWS/6080_Archive_2012/n_12_08_20_auroral_forecast/goes_public_news_20082012.htm
Run on your mobile phone
Provider: UNIS – The University Centre in Svalbard, Norway
Description: FREE
The program forecasts up to +1 hour in time the size and location of the auroral ovals. It includes local weather, solar illumination and star charts from 7 well known auroral observatories.

Languages: English