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## SPECIAL FORECAST UPDATE NEWS

Circulated 15<sup>th</sup> Jan 2013 with Eu-Map,  
Br+Ire 45day and RTQ (Extreme Events  
Rest Of World) Services



Snow Whitstable Kent 14Jan morning **seanharrad** Sean Harrad

### Expected Events around the WeatherAction forecast Sudden (Increased) Polar Stratospheric Warming ~17-18 Jan and associated R5+ (17-20) and QV5+ (16-19) Periods

1. Around 16/17/18/19th we expect the red region of the warm stratosphere in the monitor/standard projection link below to expand rapidly.
2. Shortly after - eg 18-19-20-21 we expect rapid expansion southward of the Greenland High. The Scandinavian High might also / instead expand but our main expectation is the Greenland High (see eg GFS maps link below). These changes will surprise standard meteorology.  
GFS monitor / forecast: <http://www.weatheronline.co.uk/cgi-bin/expertcharts?LANG=en&MENU=0000000000&CONT=euro&MODELL=gfs&MODELLTYP=1&BASE=-&VAR=pslv&HH=0&ZOOM=0&ARCHIV=0&RES=0&WMO=&PERIOD=>
3. Excited polar-type lows in the associated airflow from the North over Norway Sea / North of North sea will bring snow/blizzards to N/E Britain while other activity in West/SW brings snow/blizzards to West parts.
4. During this time the reliability horizon of standard Met will reduce to 24 -48hrs.
5. Major Earthquake(s) **M6.5+** in the **QV5+** period

### INFORMATION: Standard dynamic moving model smoothed record *and* projections of 30mb temps

This shows temp of Stratosphere: <http://twitpic.com/bsk4gb/full> There are various measures around. WeatherAction forecast was issued Jan3, before model forecasts for the dates of WeatherAction SSWs.

### Observations Jan 14.

The standard projections of Jan 14 show a rapid increase in Stratospheric temperature 17-21st (**especially 17-18<sup>th</sup> so the timing of the WeatherAction SSW forecast is CONFIRMED**) with the red area in two halves spreading to roughly the whole of Asia and to the whole of Canada plus the northern half of USA.

**We are monitoring the polar stratospheric Temperature as well as Pressures especially Greenland High and Scandinavian High.**

**Solar Active regions** AR1656 to AR1654 are near Earth facing 14th and **AR1654 is very large**  
<http://spaceweather.com/archive.php?month=01&day=14&year=2013&view=view>

Thank you Piers Corbyn  
15 Jan 2012 at 05:00 GMT  
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