



Confidential to your close organization.  
**15 to 45d ahead SLAT8C**  
**Brit & Ireland JANUARY 2013**

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15-45d SLAT8C Forecast produced December 17<sup>th</sup> 2012

# JANUARY 2013

Headline summary & essential weather type development.

**Turning very cold especially in East. Exceptionally snowy after mid-month - prob becoming rain in the SW and S Eire.**

- The first week will see a 'Battle Of Britain' situation taken-over by cold air as a North block of High pressure develops.
- 8-16<sup>th</sup> A massive outflux of very cold air from Scandinavia / Russia sweeps across Britain & Ireland.
- 17-21<sup>st</sup> The cold air is attacked by a very active low from the SW while a separate polar-type low attacks NE / E parts bringing heavy snow and blizzards in both regions (prob rain later in SW).
- 22-31<sup>st</sup> Another N / NE'y strong flow of very cold air becomes established till near end of month when a 'Battle Of Britain' col develops with snow going into February.
- Likely to be in the 3 coldest Januaries in the last 100 years in EAST parts (subject to review).

## Weather warnings and corrections to short range standard meteorology

Standard short range meteorology TV forecasts will underestimate rain, snow, thunder, tornado risk and wind levels in WeatherAction **R5 and R4 'Red' periods**. In or around those periods the standard Met forecasts from 12/24hrs ahead of precipitation amounts need to be typically ~doubled (or ~more for R5). These factors and modifications needed to improve on TV forecasts are independent of the details of pressure patterns, verified or not, up to these times. Forecast users are urged to WARN others as appropriate.

See pages 2-4 for detailed forecast and general information.

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WeatherActionTV <http://www.weatheraction.com/pages/py.asp?nwact44>  
 "It's the Sun, not CO2!" Piers Corbyn's 'game changing' presentation June 5 at 'The Greenest Event' Johannesburg South Africa <http://t.co/Pbt3RjaX>

## WeatherAction winning 'Battle of Britain'!

• MetO drops supercold blast • WeatherAction Long Range & MetO short range maps "amazing match"

WeatherAction's LongRange forecast possible Pressure scenario for ~Dec8-11\* and MetO (Right) 60 hr ahead forecast for Sun 9 Dec match "amazingly well!"

\* Note rotation of images, Detail issued 29Nov from choices 15Nov

Piers Corbyn of WeatherAction.com says "What we see confirms in detail our predicted 'col' with High pressure North & South of Brit / Ireland and active lows East & West.

"We warned this Dec is 'A Battle of Britain' with large temperature contrasts day to day and wintry blasts in NE/E against an often much milder S/W Br+Ire. The Sun 9Dec MO map shows mostly mild (rel to local norm) espec in S/W receding as some wintry mix comes from N/E.

### The 'Beast from the East' is a Poodle!

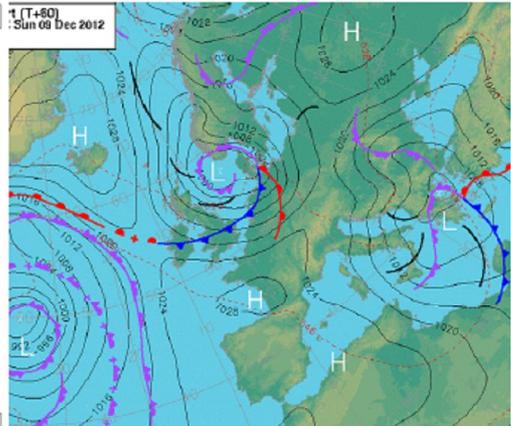
"On 7Dec standard Met models withdrew their supercold blast to UK for next week, switching towards WeatherAction forecast of cold Lower pressure rather than Scandinavian High. Early 'beast from the East' projections on Paul Hudson's blog & other media of **minus15C / coldest for 20yrs & 60mph winds** were OTT.

It will be cold but the much-hyped supercomputer projections of *ongoing* very cold snowy weather then & through December has failed and misled many while WeatherAction's contrasty 'Battle of Britain' scenario is being confirmed. Anyone serious about weather needs our 15-45d B+I forecasts or our whole winter detail, charges for which are reduced by overlapping shorter range forecasts left to run".

• For model switch see start <http://bit.ly/WiDzRP> • Tweet discussion Piers Corbyn to Joe Bastardi on these situations see Comm 26 from end (23Nov Steve Devine) same link.



2012 DECEMBER (3-30d) ahead % Europe detail SLAT 8C produced 29Nov. First detailed look was 15 Nov by BIT & I4  
 General reports/updates but no publication of details in media or web must be agreed through [www.weatheraction.com](http://www.weatheraction.com)  
 Confidence: A = 85%  
 From Forecast Pressure Maps chosen first made 19<sup>th</sup> Nov. Trying to 1 day. Likely success rate of weather periods is 6 or 8 based on successful out of every 10  
 Key Weather Development Notes: 3-11<sup>th</sup> DECEMBER 2012  
 SLOW-LINER FACTORS: NSFO then R4 10-11<sup>th</sup>  
 Thunder Risk: Low / moderate later.  
 Jet Stream: Blocked  
 Key Development: high pressure over France / South Europe + South Britain, Greenland High expanded South, Low Norway Sea/ Scandinavia this somewhat, more active later.  
 Main Uncertainties: SE Europe and mid/ odd boundaries in West.



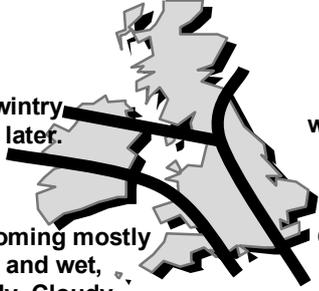
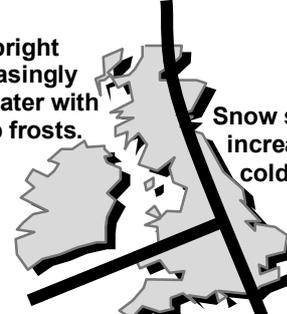
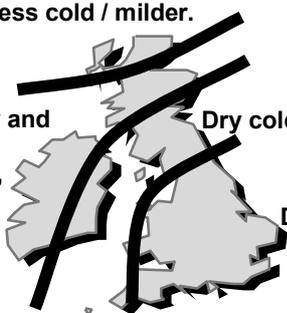
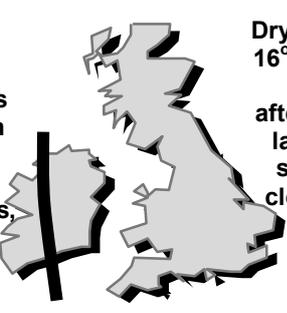
**NOPE!**  
 50 DAILY EXPRESS  
 NOW KISS-AND-TELL BEING  
 MAX CUPPING AS BRISTOL  
 OVER SEX ASSAULT CLAIMS  
 WITH 1,000 WOMEN OF AGE WOODHOLME  
**COLDEST WEEK FOR 20 YEARS IS ON WAY**  
 "It's MetO that's the real story" says Piers Corbyn

**Get all December detail**  
**Get ahead all Winter!**  
 Anyone serious about weather needs WeatherAction  
 • Dec 30day sub gives details for rest of month.  
 • Jan 45d sub gives: Dec now + Jan issued mid Dec + Pressure scenario maps through all Dec.  
 Br+Ir, Eu, USA Subscribe: <http://bit.ly/WiDzRP>  
 • Full Long Range forecasts for all winter (or Spring): Email 'Winter' [piers@weatheraction.com](mailto:piers@weatheraction.com)  
 Choose WeatherAction not "Free & Wrong hype"

Time periods normally accurate to +/- one day. At least 6 of the 8 should be basically correct this month.

Key SLAP (Solar Lunar Action Periods) **Solar factors statement** and improvements to be made to short-range forecasts when they come on TV are the most confident of forecast statements. Details are generally less certain.

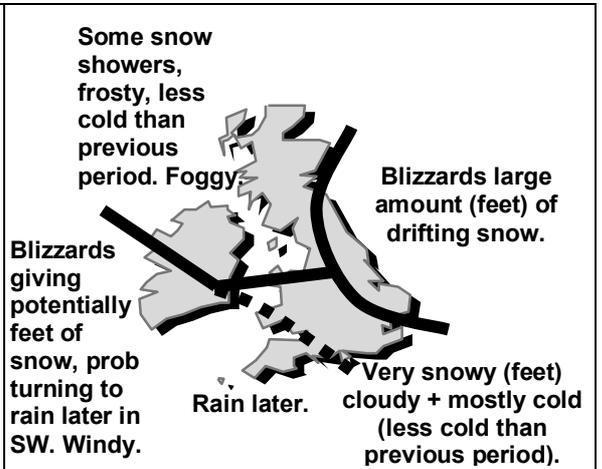
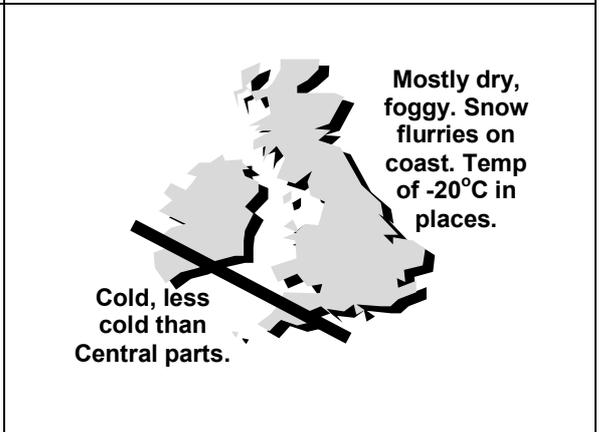
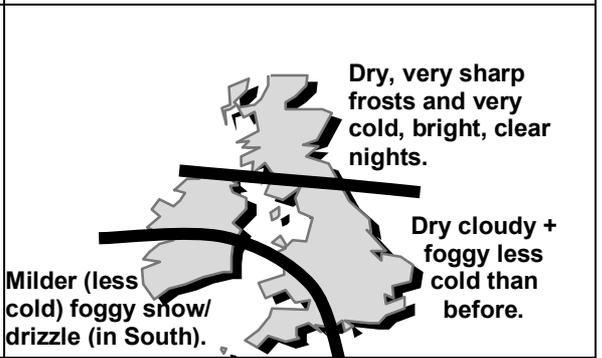
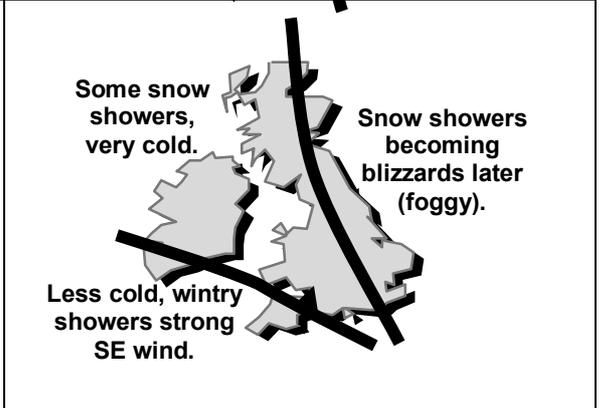
**In periods of Extra Activity (EA)** [formerly ET (Extra Top) Red, Top Red, etc Now **R1-R5** (top)] weather fronts are (much) more active than Standard Met Forecasts (Smfs) as on TV a few days ahead of events - making more rain, cloud, thunder, wind, & tornado risk. **R5 (Red 5)** = most extreme / dangerous events. **Q** = Quieter. **NSF** = No Specific Solar Factors. **JSS** = Jet Stream South tendency. **JSN** = Jet Stream Normal. Confidence levels A (85%), AB (80%), B (75%), BC (70%); C (65%)

<p><b>1-3 JANUARY 2013 AB = 80%</b>  <b>NE -v- SW battle with Scotland and East England increasingly cold with wintry showers turning to snow. Far SW and S Eire mild, wet and windy. Intermediate regions variable with wintry showers later.</b></p> <p>Wind: NE'y moderate in NE; S'y in far SW and S Eire.          Temp: Increasingly cold in N/E; mostly mild far SW.          Sky: Cloudy and foggy.          Solar Factors: <b>R4 1-3 Jan.</b></p> <p><b>Likely possible weather map scenario:</b>          Strong Greenland High extended South to Iceland / far North Scotland. Moderately active complex (cold) Low over Scandinavia. Milder Low approaches SW Ire / SW England. Jet Stream South.</p>	<p><b>Snow flurries/ light showers sharp frosts freezing fog.</b></p>  <p><b>Foggy, cloudy, wintry showers later.</b></p> <p><b>Increasingly wintry showers turning to snow later (perhaps drifting later).</b></p> <p><b>Becoming mostly mild and wet, windy. Cloudy.</b></p>
<p><b>4-7 JANUARY 2013 B = 75%</b>  <b>Variable at first, turning generally colder later with very sharp frosts in Scotland and North / Central Ireland and North England. Snow showers in North and East parts.</b></p> <p>Wind: Confused then becoming generally N'y, Moderate in E.          Temp: Turning increasingly cold in all parts later.          Sky: Mostly cloudy England; Scotland brighter.          Solar Factors: <b>NSF/Q 4-5<sup>th</sup>; R3 6-7<sup>th</sup>.</b></p> <p><b>Likely possible weather map scenario:</b>          Low to SW probably works eastwards into North Sea and combines with Scandinavia Low, as High to North strengthens. Jet Stream South.</p>	<p><b>Dry, bright increasingly cold later with sharp frosts.</b></p>  <p><b>Snow showers increasingly cold later.</b></p> <p><b>Briefly mildish, colder later.</b></p>
<p><b>8-11 JANUARY 2013 BC = 70%</b>  <b>Generally cold becoming very cold in Midlands and East parts, turning less cold in North Scotland with wintry showers (returning Polar maritime air).</b></p> <p>Wind: Variable light in South; Moderate W'y in North Scotland.          Temp: Very cold, very low night temperatures (-5°C).          Sky: Clear nights in SE at times, more cloud in North Scotland.          Solar Factors: <b>NSF/Q then R3 10-11<sup>th</sup>.</b></p> <p><b>Likely possible weather map scenario:</b>          Cold High pressure extends from Continent / Scand into South as Low pressure in airstream from NW affects North Scotland. Jet Stream split.</p>	<p><b>Cloudy, wintry showers somewhat less cold / milder.</b></p>  <p><b>Cloudy and mostly cloudy, foggy.</b></p> <p><b>Dry cold and foggy.</b></p> <p><b>Dry very cold, foggy later.</b></p>
<p><b>12-16 JANUARY 2013 A = 85%</b>  <b>Mostly dry bright and cold / very cold. Widespread hard frosts. Less frosty in West Eire. More fog and low cloud 13/14<sup>th</sup> then colder / very cold 15/16<sup>th</sup>.</b></p> <p>Wind: Very light, variable becoming NE'y in East, also light S'y (from SE) in West Eire.          Temp: Very cold in North/ Central parts (-16°C).          Sky: Bright afternoons and clear nights.          Solar Factors: <b>NSF/Q except R1 13-14<sup>th</sup>.</b></p> <p><b>Likely possible weather map scenario:</b>          Strong High pressure over Britain / North Sea with (shallow) Low in Mediterranean (South part of Split Jet), Low in Scandinavia and High off Britain and Ireland linked to Greenland High blocking out Atlantic systems.</p>	<p><b>Dry, very cold (-16°C in places). Bright afternoons and largely clear skies. More cloud 13-14<sup>th</sup>.</b></p>  <p><b>Cold (less cold than Britain), bright afternoons, foggy.</b></p>

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Key SLAP (Solar Lunar Action Periods) **Solar factors statement** and improvements to be made to short-range forecasts when they come on TV are the most confident of forecast statements. Details are generally less certain.

**In periods of Extra Activity (EA)** [formerly ET (Extra Top) Red, Top Red, etc Now **R1-R5** (top)] weather fronts are (much) more active than Standard Met Forecasts (Smfs) as on TV a few days ahead of events - making more rain, cloud, thunder, wind, & tornado risk. **R5 (Red 5)** = most extreme / dangerous events. **Q** = Quieter. **NSF** = No Specific Solar Factors. **JSS** = Jet Stream South tendency. **JSN** = Jet Stream Normal. Confidence levels A (85%), AB (80%), B (75%), BC (70%); C (65%)

<p><b>17-21 JANUARY 2013</b>      <b>B = 75%</b>  <b>A great blizzard is likely in South, SW and Central parts which turns to rain in SouthWest &amp; Eire. A separate snow attack in East. Less cold (or mild SW) than previous period especially later. R5+ 17-20<sup>th</sup>. Aurora likely.</b></p> <p>Wind: S'ly / cyclonic in SW becoming N'ly in East strong / gale.  Temp: Mostly cold / very cold (excluding SW); less cold than previous period.  Sky: Cloudy, fog in Scotland and North Ireland.  Solar Factors: <b>R5+ 17-20<sup>th</sup>.</b></p> <p><b>Likely possible weather map scenario:</b>  Very deep active Low pressure attacks from South West. Also active Low in North Sea / South Scandinavia. Mild damp air in SW meets cold air and drops snow deluges.</p>	 <p>Some snow showers, frosty, less cold than previous period. Foggy.</p> <p>Blizzards large amount (feet) of drifting snow.</p> <p>Blizzards giving potentially feet of snow, prob turning to rain later in SW. Windy.</p> <p>Rain later.</p> <p>Very snowy (feet) cloudy + mostly cold (less cold than previous period).</p>
<p><b>22-25 JANUARY 2013</b>      <b>AB=80 %</b>  <b>Turning colder. Low fills and NE'ly airstream takes over. Extremely cold ~ minus 20°C in places. Freezing fog. Foggy mornings. Less cold SW &amp; S Eire.</b></p> <p>Wind: Generally NE'ly light / moderate at times.  Temp: Becoming extremely cold.  Sky: Bright afternoons with fog and low cloud in mornings.  Solar Factors: <b>R2s 22<sup>nd</sup> and 23-25<sup>th</sup>.</b></p> <p><b>Likely possible weather map scenario:</b>  Strong Greenland / Iceland North Atlantic High and Low(er) pressure North Scandinavia and Central Mediterranean gives steady NE'ly airstream over very wide area, into Britain and Ireland. Atlantic Low pressure long way out to West of Biscay.</p>	 <p>Mostly dry, foggy. Snow flurries on coast. Temp of -20°C in places.</p> <p>Cold, less cold than Central parts.</p>
<p><b>26-28 JANUARY 2013</b>      <b>AB = 80%</b>  <b>Dry and cold, very cold in North and East. Clear skies in Scotland. Less cold SW &amp; S Eire.</b></p> <p>Wind: Light variable SE'ly in far SW.  Temp: Very cold (probably less cold than previous period).  Sky: Cloudy in S/W. Clear in North.  Solar Factors: <b>NSF/Q.</b></p> <p><b>Likely possible weather map scenario:</b>  Lower pressure develops somewhat over SW but is held back by strong blocking High pressure to North and East.</p>	 <p>Dry, very sharp frosts and very cold, bright, clear nights.</p> <p>Dry cloudy + foggy less cold than before.</p> <p>Milder (less cold) foggy snow/drizzle (in South).</p>
<p><b>29-31 JANUARY (+1 Feb) 2013</b>      <b>B= 75%</b>  <b>Aurora display likely as R5 31<sup>st</sup> - 1 Feb... Red weather period activates in partly clear skies. Blizzards in East. Heavy snow / wet snow probable later (Feb 1) in far SW and South Ireland. Mostly cold / very cold in centre / East.</b></p> <p>Wind: Mostly N'ly becoming S'ly.  Temp: Very cold.  Sky: Cloudy.  Solar Factors: <b>R3 (29-30<sup>th</sup>), R5 31<sup>st</sup>.</b></p> <p><b>Likely possible weather map scenario:</b>  Increasingly active Low in Biscay and North Sea/ Scandinavia. High pressure Centre to N/NW of Ireland giving a col over Br+Ire.</p>	 <p>Some snow showers, very cold.</p> <p>Snow showers becoming blizzards later (foggy).</p> <p>Less cold, wintry showers strong SE wind.</p>



# Information and Advice on Application of forecasts and Confidence and Timing of weather events & weather periods.

This Britain & Ireland forecast is part of Weather Action's European forecast & North Atlantic area which is bounded by, Iceland, Newfoundland, Gibraltar, Lebanon, The White Sea & Svalbard. The clarifications here apply to all WeatherAction forecasts.

**The headline summary** (page 1) is the most confident summary statement about the month. **The essential weather type development** (page 1) gives essential developments through the month.

**The detailed *most likely* weather periods**, typically of around 4 days, are the Solar Lunar Action Technique highest resolution long range forecast detail. **They are not to be taken as exact predictions and include confidence levels.**

**The weather period timings** in period details are ***most likely*** core time periods for the weather events or weather types specified. If the events / types occur the core time periods should include the specified events / types on at least 85% of occasions; with a probability of 15% or less that they occur in the wings of an extended time period which is one or two days longer than the given core on each side\* [\*Or poss longer in: (i) long weather periods, (ii) longest range forecasts where 1% uncertainty in 300 days ahead is 3 days or (iii) where consecutive weather periods are similar]

## Confidences in weather periods.

'A' - about 85% chance of being essentially right & 15% of being in error.

'B' - about 75% chance of being essentially right & 25% of being in error.

'C' - about 65% chance of being essentially right & 35% of being in error.

**A weather-time window does NOT mean that ALL that period or region will have certain (eg) extreme events but that specified events are expected to occur at some time and parts of the region specified during that period.** The boundaries of regions are uncertain. The most probable sub-parts of periods for events may also be stated.

## How to get the best from WeatherAction Long Range Forecasts!

1. Print off your copy and keep it with you.
2. Look for what you need to know especially Red Warnings.
3. For day by day detail; when Short Range TV forecasts appear modify what you see towards the WeatherAction long range forecast.
4. Even if the WeatherAction general scenario is not confirmed you can still apply solar factors to standard TV forecasts to indicate how those should be modified – eg to more wet / snowy /windy / thunder/tornado risk - when in a major SLAPs / Extra Activity '**Red**' period.

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**Weather Action's forecast skill** has been independently peer-review verified in the Journal of Atmospheric & Solar-Terrestrial Physics Vol 63 (2001) p29-34, Dennis Wheeler, Univ of Sunderland.] and by independent monitors and scientific weather bets. For further information visit [www.WeatherAction.com](http://www.WeatherAction.com) / Forecast accuracy.

**Presentations / Research Reports** by Weather Action / Piers Corbyn on Solar Activity / Climate Change/Global warming available including at the Russian Academy of Sciences Moscow (2004); Institute of Physics London (2007), & events in New York; UK Parliament (Transport Select Committee on Jan 2010 supercold spell); London Petrophysical Society, Royal Meteorological Society of East Anglia, Imperial College, University of Colorado (2011), Congress of Brilliant Minds Madrid (2011), FC Stone Commodity Forum (2011), London Oratory School (Jan 2011), and SW farmers event Jan 2012.

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