



The Long Range Forecasters

2013 December 30d ahead Forecast Britain & Ireland graph inc

Produced under Solar Lunar Action Technique SLAT 9A – Summary - Detailed weather periods - Maps – Graphs

Including Solar-based likely corrections to apply to Short-range Standard Meteorology Forecasts

Weather Action are the only long range forecasters with independently proven published skill. See www.weatheraction.com

WeatherActionTV - latest Vids on weather and the struggle against the CO2 warmist delusion - <http://www.youtube.com/user/WeatherActionTV>

For Short Range localised forecasts - Weathernet (independent of WeatherAction) personal premium rate service on 09061100445

Confidential

2013 DECEMBER 30d (8 weather periods) Brit & Ire SLAT (Solar-Lunar-Action-Technique) 9A forecast. Prod 28 November, Release 30 November. Little change from 45d prod 14 November.

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DECEMBER 2013 graph inc

Headline summary & essential development.

Wild weather: rapid changes and major contrasts across Britain and Ireland.

- Some major damaging storms in Scotland/North.
- Some cold spells including blizzards in north parts, but not prolonged.
- Temperatures overall close to normal with Scotland & NI probably a bit below and South England a bit above.
- Main most unsettled / stormy (**R5**) periods: (+/-1d) 2-3rd, 6-7th, 14-16th, 31st-1st Jan.
- December 2013 shows continuing Mini Ice Age circulation pattern with wild Jet Stream swings and astounding meanders.
- *Solar activity and Aurora dramatically increase towards month end.*

Map details in 8 weather periods p 2-4. Graph and overalls p 5-6

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 Solar-Lunar-Action-Technique (SLAT) **R5 and R4 'Top Red' extra activity 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 welcome to WARN others 24 hours ahead.



Snow Tan Hill Inn, on the Pennine tops above Reeth in Swaledale, 20 Nov following further snow showers across parts of UK.

"Mini Ice Age weather is now the norm" -

announced Piers Corbyn to WeatherAction monthly meeting 29Nov and first reported in this, WeatherAction forecast bulletin.

"The stark regional contrasts and wild jet stream meanderings in November are MIA patterns {No 52 Piers GAFTA May 2013 Slides <http://bit.ly/1jT52FL> }. These gave our predicted cold blast 4-6Nov (pto) but the increased risk of sudden blocking ('cut-off') (Atlantic) Highs gave more cold in Britain rather than the (v) mild we expected from ~13th. We were right to warn in a Medium range Comment that the Standard Met forecast snow blast for ~18-20th would be a bit of a 'poodle' but still Britain stayed on the cold side of the High. MIA circulations are a problem for all forecasters but WeatherAction has the best grip on them in long range. Analysis of this event is giving us a better handle on the advent of these cut-off highs so Dec Eu Pressure maps have extra comms.

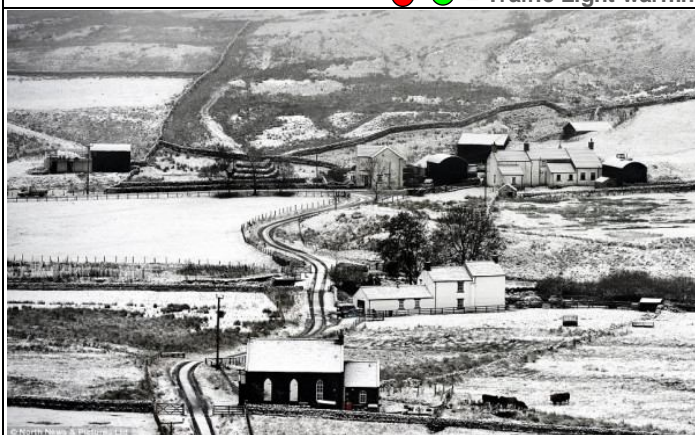
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Time periods normally accurate to +/- one day. At least 6 of the 8 should be basically correct this month.

Key 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. Details are generally less certain.

● ● = Traffic Light warning / descriptions for Weather periods. For warning notes and explanation see page 6



*PIC: <http://www.dailymail.co.uk/news/article-2487760/UK-weather-Bonfire-Nights-white-Snow-falls-Northern-hills-temperatures-dipping-freezing-point.html#ixzz2jpidPIP4>

Cold Blasts Br+Ir, Eu, USA on WeatherAction cue ~4-8th Nov

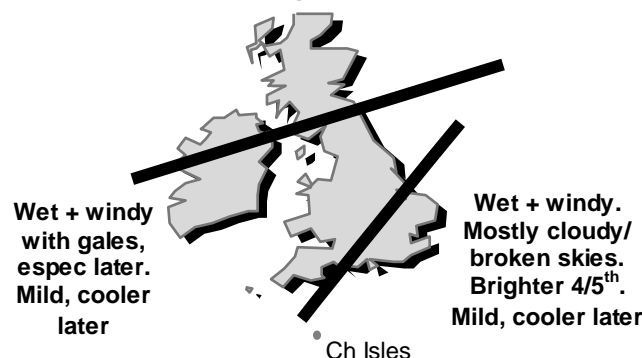
WeatherAction's cold blasts for ~4-8th Nov (+/-1day) due to major jet stream shifts and a top Red **R5** period were on cue both sides of the Atlantic. Snow hit parts of N England (pic above) and the Donegal mountains Nov5 in a snowy wave which exceeded standard Meteorology expectations in UK & Eire

WeatherAction predicted the BI+Europe cold blast ~4-8th Nov 19 days ahead and standard Met denied it for weeks but it came. Piers Corbyn said Nov 6: "We are really pleased with this snow. It came bang-on the cue of our cold blast ~4-8 Nov as predicted in detail 3 weeks ahead **against** standard models. We had less snow in the cold blast than we had warned might be possible from 3 weeks ahead but standard Met didn't see it coming until it was upon us".

1-7 December 2013 A = 85% ●

Wet and windy – stormy with damaging winds in Scotland – and mild. A double whammy stormy period, with strongest wind ~2-3rd (largely SW'ly) and 6-7th (more W/NW or cyclonic west). Less mild/cooler later. Less wet and windy in south/east. Same as 45d.

Wet + windy. Sev gales + storm force 10/11 at sea/coasts espec 2-3rd + 6-7th. Floods, thunder, hail + wind damage. Mild, cooler later



Winds: SW'ly, sev gale/storm in Scot/NI bec cyclonic/NW gales.

Temps: Mild, esp by night, colder later

Sky: Variable at first, then generally cloudy, brighter S/E

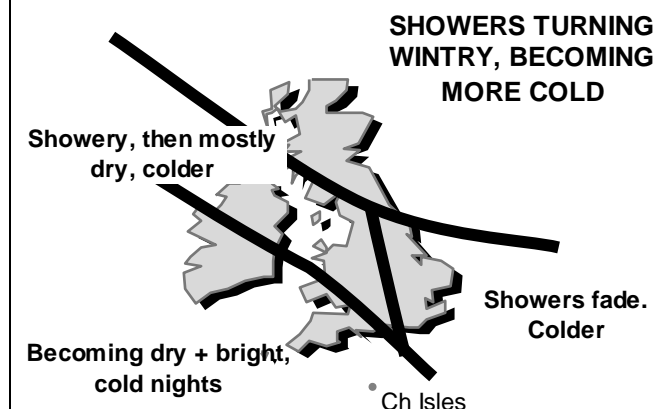
Solar Factor: NSF 1, **R5** 2-3, **R3** 4-5, **R5** 6-7

Likely possible weather map scenario:

Powerful low pressure tracks through Iceland with sub-lows likely near Ireland/Scotland. Azores high pushed south and extended into Iberia + western Med. High pressure central Europe. Low Greece - Turkey/east Med. Siberia/NW Russia low. **Jet Stream: normal.**

8-9 December 2013 B = 75% ●

Becoming mostly dry from west/SW, while showers persist and turn wintry in Scotland + NE England. Snow on high ground likely. Same as 45d.



Winds: Bec var light in S/W, mod NW'ly in NE


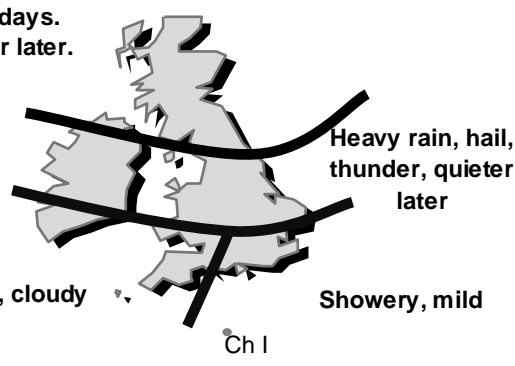
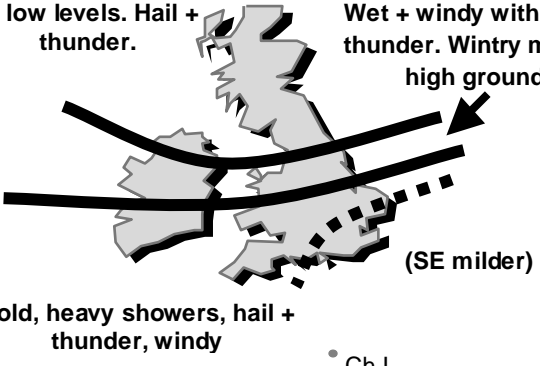
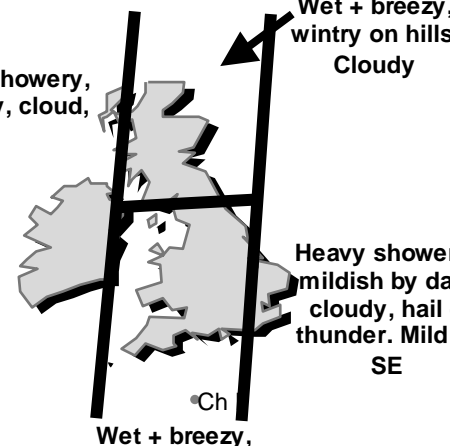
Temps: Bec generally colder, espec Scot + NE








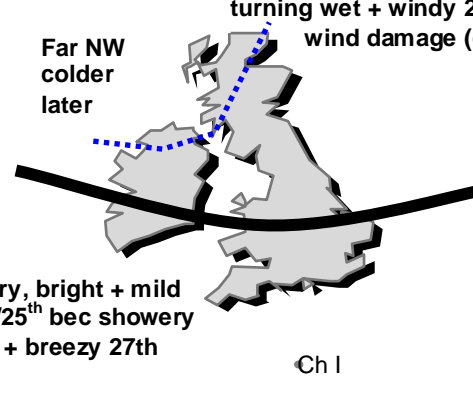
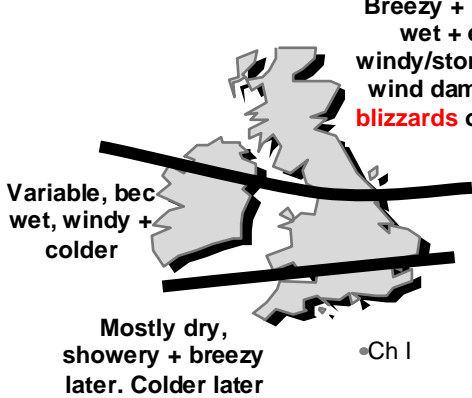
Sky: Brighter, cloudy in N/E, brightest SW

Solar Factors: NSF/Q 8-9

Likely possible weather map scenario:

Deep active cyclonic low fills somewhat and moves into Norway Sea/Scandinavia and proceeds towards Siberia. High pressure Azores-Iberia-SE/central Europe. Low Black Sea. **Jet Stream: Largely normal.**

<div></div>		2013 DECEMBER 30d (8 weather periods) Brit & Ire SLAT (Solar-Lunar-Action-Technique) 9A forecast. Prod 28 November, Release 30 November. Little change from 45d prod 14 November. .		Confidential. © Weather Action Tel +44(0)20 7939 9946	
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Key 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. Details are generally less certain.					
<div><div></div><div></div> = Traffic Light warning / descriptions for Weather periods. For warning notes and explanation see page 6</div>					
10-13 December 2013 AB = 80% <div></div>		14-17 December 2013 B = 75% <div></div>		18-20 December 2013 BC = 70% <div></div>	
Windy and wintry, with blizzards on mountain tops in Scotland. Heavy rain, hail and thunder in most of Ireland and England/Wales. SW showery, SE mild. Milder than 45d.		Stormy with blizzards on Scottish mountains. Wet and windy further south, with wintry mix on high ground. Mostly cold. SE probably milder than normal. Very little change from 45d.		Wet and dull. Wintry in Scotland on high ground. Ireland and west colder than east. SE mild. Very dark skies. No change from 45d.	
<div><div>Sleet + snow, windy-blizzardy on mountains. Cold days. Quieter later.</div><div></div></div>		<div><div>Windy/STORMY, wind damage. BLIZZARDS in mountains, wintry mix at low levels. Hail + thunder.</div><div></div></div>		<div><div>Wet + breezy, wintry on hills. Cloudy</div><div></div></div>	
Winds: SW'ly (poss. cyclonic later in Scotland)		Winds: Gales + storms in north, breezy S/E		Winds: Variable, cyclonic, locally strong in places	
Temps: Getting colder espec in Scotland. SE mild		Temps: COLD/coldish, biting wind. Milder SE		Temps: Normal/average. Mild nights, cold days (esp Ireland)	
Sky: Cloudy, S brighter, less cloud later		Sky: Cloudy		Sky: Cloudy	
Solar factors: R4 10-12; NSF/Q 13 th		Solar factors: R5 14-16, NSF/Q 17		Solar factors: R4 18-20	
Likely possible weather map scenario: Deep low pressure probably centred between Scotland and Iceland blocked by ~East Scandinavia high. Azores high firm and "linked" to Euro high. Jet Stream: normal/blocked		Likely possible weather map scenario: Very active low and sub low system centred in Iceland with sub low and cyclonic situation passing through Scotland. Blocked by high pressure continental Europe connected to Azores high extended to Iberia. Low pressure probably Sicily/Tunisia. Siberia low. Jet Stream: normal/south of normal.		Likely possible weather map scenario: An unusual "sandwich" set up. An area of active low pressure from the Norway Sea through Britain and Ireland to Spain sandwiched between West Russia/East Europe high and Greenland high (weakly) linked to Azores high. Jet Stream: total blockage/ zany meander.	
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21-24 December 2013 BC = 70% 	25-27 December 2013 AB = 80% 	28-31 Dec/1 st Jan 2013 AB = 80% 
<p>Mostly dry and mild / exceptionally mild especially in Ireland. Light air, humid, thundery feel to weather, low cloud but not much rain. Virtually no change from 45d.</p>	<p>Mostly dry, mild and bright Xmas Eve and Xmas Day. Cloud generally increases from west on Boxing Day 26th. Probably wet and windy, espec N and W on 27th (showery and breezy S). Same as 45d.</p>	<p>An extraordinary increase in solar activity in this period. After quiet start, generally becoming more unsettled with a significant storm in the north including blizzards New Years Eve/NY Day. Same as 45d.</p>
<p>Mostly dry, very mild, humid. Threat of thunder, broken skies. Less mild later</p> 	<p>Dry + bright, mild 24/25th turning wet + windy 27th with wind damage (gales)</p> <p>Far NW colder later</p> 	<p>Breezy + showery bec wet + extremely windy/stormy later with wind damage. Snow / blizzards on mountains</p> 
<p>Winds: S'ly breeze</p>	<p>Winds: Light/mod SW'ly bec cyclonic W later, with gales</p>	<p>Winds: W bec NW, mod builds up to storms + gales in Scot + NE</p>
<p>Temps: Very mild, esp in Ireland</p>	<p>Temps: Mild/very mild turning less mild</p>	<p>Temps: Mostly mild at first, turning generally colder</p>
<p>Sky: Broken skies, humid</p>	<p>Sky: Bright at first (24/25th), cloudy later</p>	<p>Sky: Variable, more cloud later</p>
<p>Solar factors: R4 21-23, NSF 24</p>	<p>Solar factors: NSF/Q 25, R4 26-27</p>	<p>Solar factors: R4 NSF/Q, R4 29-30, R5 31-1</p>
<p>Likely possible weather map scenario: A deep Atlantic low breaks through N-S Atlantic partial block and merges with the N-S (Britain and Ireland) Low Sandwich, giving largely S'ly flow over Ireland and Britain. Low pressure West Med. High Scandinavia and east Europe. Low N Siberia. Jet Stream: Complex/normal/blocked.</p>	<p>Likely possible weather map scenario: Deep Atlantic dashboard low heads for Scotland probably passing over on ~27th. Strong high block E and central Europe and East Scandinavia. Azores high somewhat south. Low East Med. Jet Stream: Normal/blocked.</p>	<p>Likely possible weather map scenario: A large increasingly active area of low pressure Iceland-Scandinavia-North Sea/NE Britain turn into more 'traditional' SW-NE orientation as low to north deepens and high in south develops. East Europe high. Med high pressure. Jet Stream Complex</p>
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Easy Look Forecast Graph

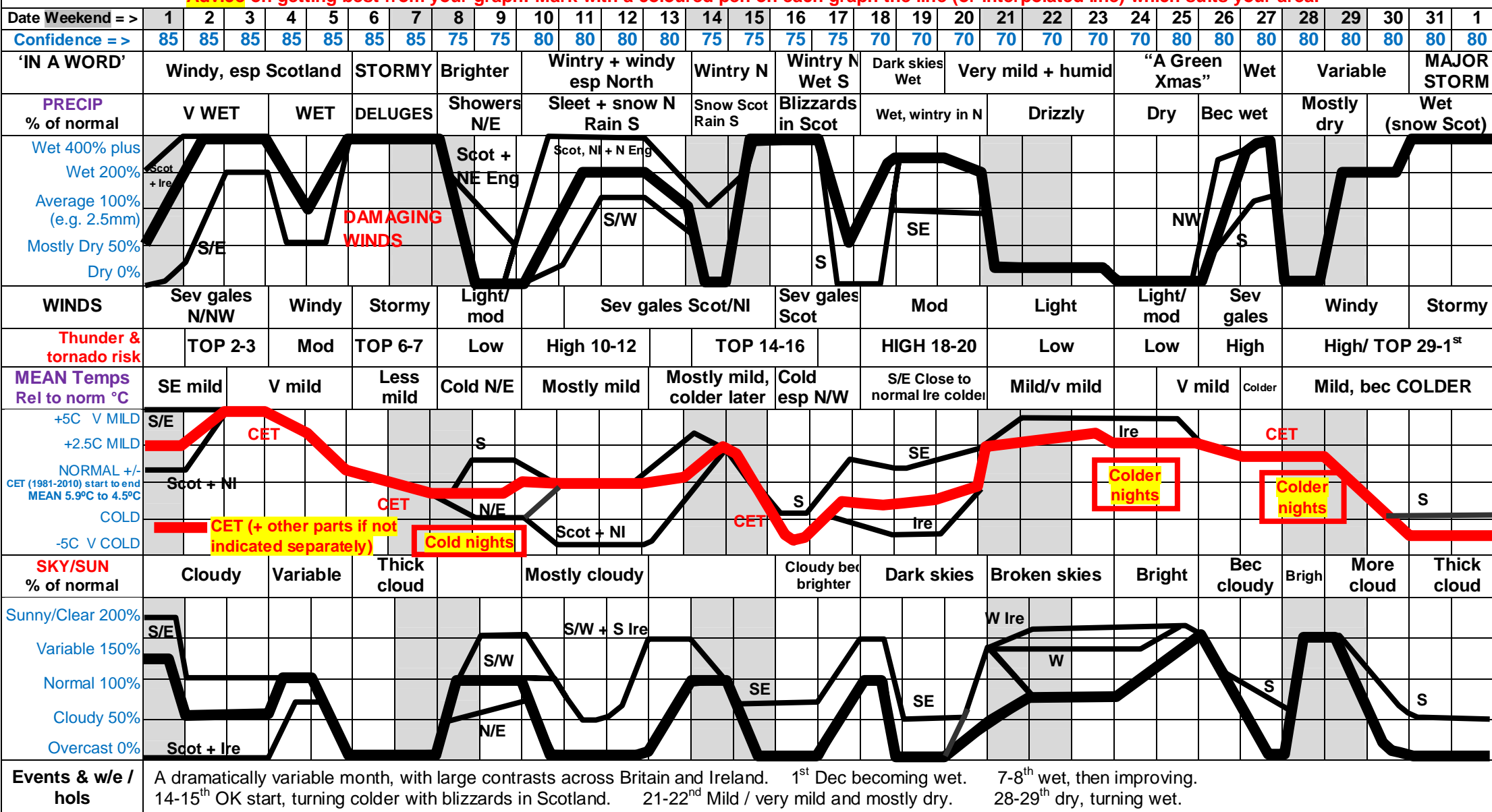
DECEMBER 2013: 30d ahead update. SLAT 9A. Normally accurate to 1 day.

Showing likely rain, temperature & 'brightness' levels around the dates shown, **NOT PRECISE DAILY PREDICTIONS.**

Weekends & **holidays** shaded. 1981-2010 norms standard.

Region Rest of Britain & Ireland For confidence of each weather period forecast refer to Date row. For possible Alternative Scenarios see notes on maps.

Advice on getting best from your graph: Mark with a coloured pen on each graph the line (or interpolated line) which suits your area.



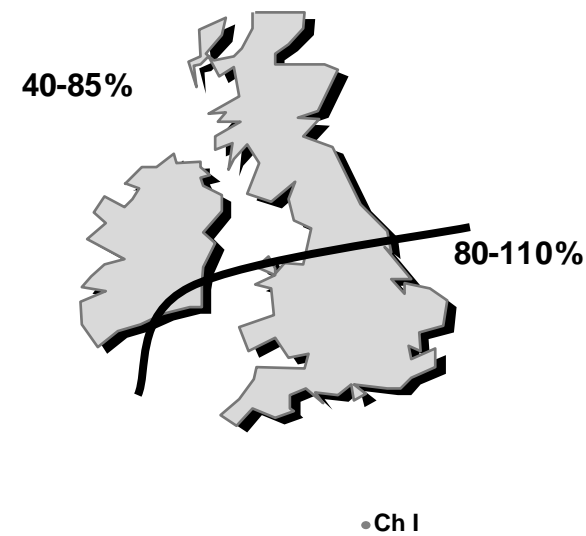
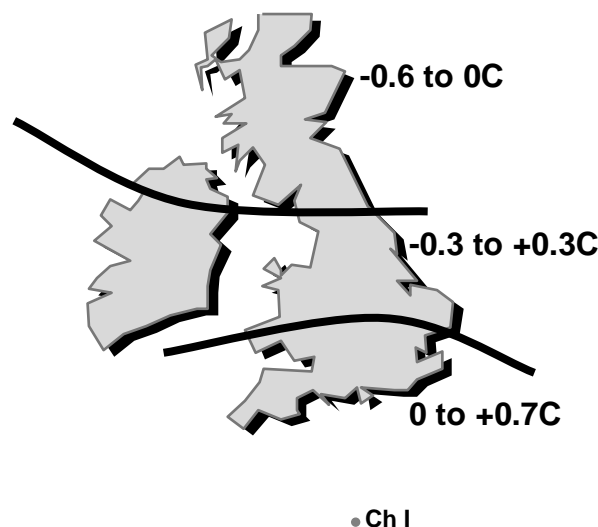
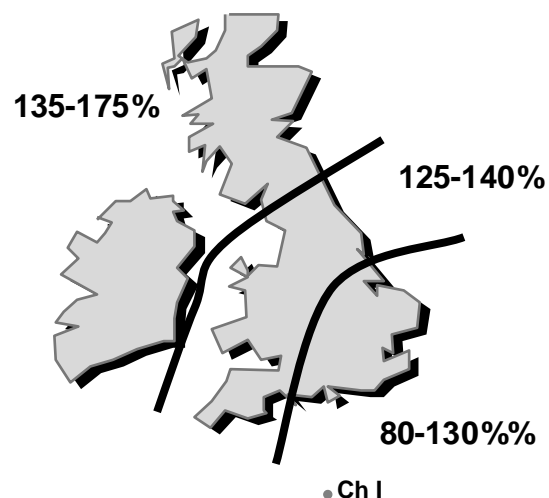
DECEMBER 2013 SLAT 9A Britain & Ireland Forecast deviations from normal.

(rel to 1981-2010 averages)

PRECIPITATION % of normal

MEAN TEMPERATURE deviation from local normal

SUNSHINE/SKY % of normal



More precipitation than normal in Ireland & Scotland. South/East close to normal

Overall close to normal. Scot & North Ireland probably below normal and South England above

Mostly dull in Scotland & Ireland, close to normal in Wales & South half of England

DECEMBER 2013 Notes & Additional Information

Confidence order: **RTS** SLAT 9A More confident of rain and temperature than sunshine.

Main uncertainty: East-West boundaries (Partial blocks) of air masses over Britain & Ireland

Weather Warnings: Extreme winds in north and snow in north

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%)

Confidence levels

Important information on Confidence and Timing of weather events and weather periods.

'A' - about 85% chance of being essentially right, 15% of being unhelpful.

'B' - about 75% chance of being essentially right, 25% of being unhelpful.

'C' - about 65% chance of being essentially right, 35% of being unhelpful

The Headline summary (page 1) is the most confident summary statement about the month. **The Key weather type development (page 1)** gives main pressure developments through the month. **The detailed most likely weather periods**, typically of around 4 days duration, are the Solar Lunar Action technique highest resolution long range forecast detail. **They are not to be taken as exact predictions & include confidence levels.**

The weather period timings in period details (p 2-4) 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* . **The time window does not mean that all that period will have certain (e.g.) extreme events** but that they are expected to occur at some time during that period. The most probable sub-parts of periods for events may also be stated. [*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.]

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