



Confidential to your close organization.

40-70d ahead SLAT9c

Brit & Ireland JULY 2014

Delta House, 175-177 Borough High St, London SE1 1HR Tel +44(0)20 7939 9946. www.weatheraction.com

KEY ASPECTS of WEATHER DEVELOPMENTS with SLAT9c**

Forecast produced May 22nd 2014. Rest of Summer and Autumn in similar detail being produced.

JULY 2014

**Very wet with thunderstorms
damaging hail, strong winds with
tornadoes at times, floods.**

**Cold overall but nights mostly not very cold.
Notably cloudy and dull in most parts.**

Fine spells short and mainly in first half.

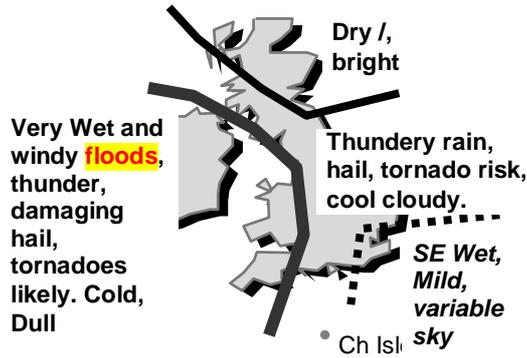
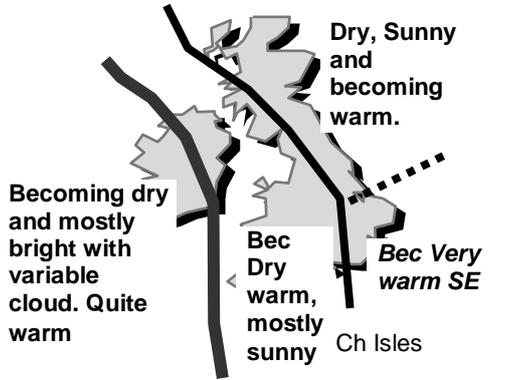
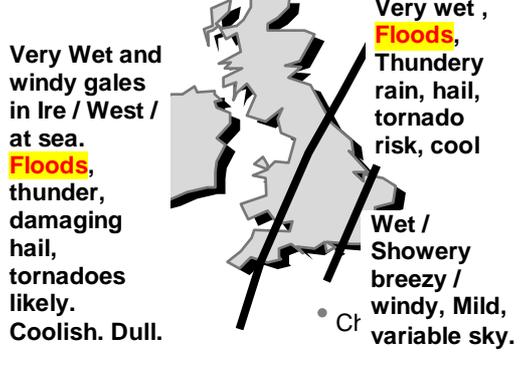
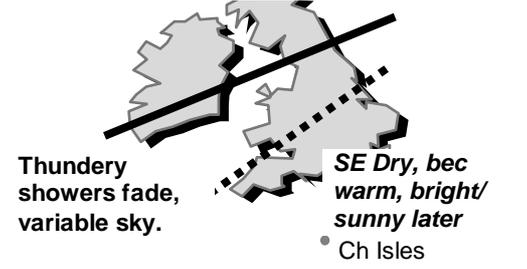
- **An 'apocalyptic' last ten days** with intense deluges. thunder, floods, massive hail and tornadoes.
- **Most unsettled spells +/-1d:-**
2-3 **R4**; 9-10 **R4**; 11-12 **R5**; 15-17 **R4**; 22-23 **R5**; 24-26 **R5**; 28-29 **R4**; 31-Aug2 **R5**.
- **Overall very Wet with East / SE less so relative to normal.**
- **Overall very cloudy with East / SE parts less so relative to normal.**
- **Frequent cyclonic conditions over Britain & Ireland and (partial) blocking of flow by High pressure on Continent.**
- **Wild-Jet-Stream - Mini-Ice-Age circulation in Europe and world. Jet Stream generally South of normal or split with a strong far South branch, huge meanders and blocks.**

Essential details – in 8 weather sections pages 2 + 3

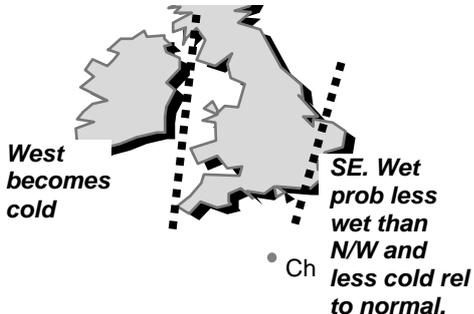
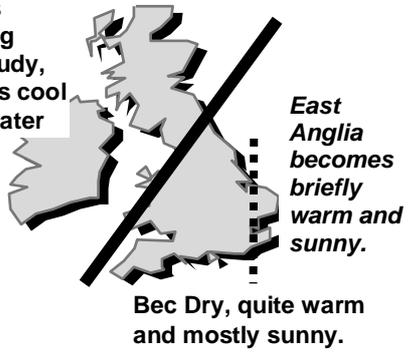
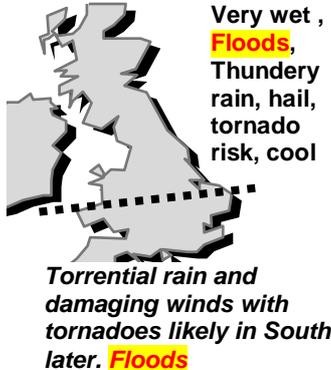
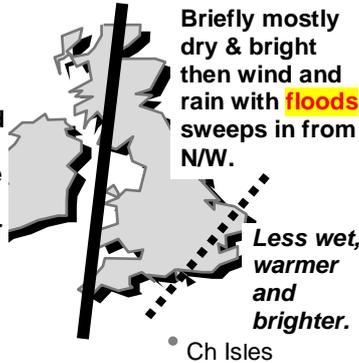
** SLAT9c refers to advanced Cut Off High prediction Rules which, eg, succeeded for May 14-18 2014. This is an important advance in WeatherActions SLAT (Solar Lunar Action Technique)

Weather Action TM © & Piers Corbyn TM © accept no liability for any loss howsoever arising from use of forecast information. Application of forecasts is entirely at user's risk. None of this forecast may be published or circulated in media or on web or used in production of other forecasts without agreement.

Essential details – in 8 weather sections [*dotted lines on maps are for descriptions of sub-areas*]

<p>1-5th Very wet with floods windy and cloudy in Ireland & West. Major thunderstorms with hail. East showery & humid. Scotland espec N/E mostly dry. Mostly cool or cold except E / SE quite mild and humid.</p> <p>Winds: Cyclonic in Ireland with gales. Southerly in East. Tornadoic events likely esp 2-3rd</p> <p>Developments: Generally cyclonic attack from Atlantic with Low centred just west of or over Ireland. Scandinavian High. Low Greenland.</p> <p>Solar Factors: R3 Jul1, R4 Jul 2-3, R1 Jul 4-5</p> <p>Confidence A 85%</p>	
<p>6-8th Becoming briefly generally fine sunny and warm / very warm in SouthEast. More cloud in Ireland.</p> <p>Winds: Light variable / easterly</p> <p>Developments: Low pressure retreats West and High pressure builds especially in North. Continent generally high pressure. Azores high extends to West Iberia.</p> <p>Solar Factors: NSF/Q 6-7, R2 8th</p> <p>Confidence B 75%</p>	
<p>9-12th Very wet & windy with gales in Ireland Scotland and N/W England & Wales. Thunder & hail.</p> <p>Winds: SW'ly damaging gales in Ire/West. Tornadoes likely especially later. Less wind in SE</p> <p>Developments: 'Dartboard' Low pressure from West heads for Scotland. Higher pressure SE. Azores High weakly linked to France. Low S Spain/Gibraltar.</p> <p>Solar Factors: R4 9-10, R5 11-12</p> <p>Confidence AB 80%</p>	
<p>13-14th Showery in North dry in South. Cloudy North turning sunny in South</p> <p>Winds: Westerly Mod / light</p> <p>Developments: Low Pressure gets to be probably over N Scotland & fills, becoming slack in Centre & South. Low Pressure Greenland, Azores High shifted South/West.</p> <p>Solar Factors: NSF/Q 13-14th</p> <p>Confidence BC 70% (Uncertainty on how quickly Low fills)</p>	<p>Rain / Showers decreasing, cloudy becoming brighter, breezy, lighter later.</p> 

Essential details – in 8 weather sections [dotted lines on maps are for descriptions of sub-areas]

<p>15-17th Very wet and windy in most parts with hail, thunder and floods. Cool. SE less wet and less cool.</p> <p>Winds: S/ SW gales N Ireland / NW Britain some tornadic developments likely.</p> <p>Developments: Large deep dartboard Low heads from Atlantic towards North Ireland / North Britain and is largely blocked by higher pressure over Scandinavia and Continent. Low Greenland. Low does not pass through Scotland.</p> <p>Solar Factors: R4 15-17</p> <p>Confidence AB 80%</p>	<p>Very Wet and windy, floods, thunder, damaging hail, tornadoes likely. Becoming cool/ cold from North and west</p> 
<p>18-21st Showers Ireland, Scotland and and North-West England (reducing). Midlands + East/South become dry fine and quite warm espec East Anglia.</p> <p>Winds: SWly Mod bec light in England.</p> <p>Developments: Low to West of Scotland fills somewhat and probably drifts South, High pressure France and Finland & N Sweden+Norway. Low Greenland. Azores High pushed South. Becoming mostly slack.</p> <p>Solar Factors: NSF/Q 18-21</p> <p>Confidence B 75%</p>	<p>Showers becoming less, cloudy, cool, less cool / milder later</p> 
<p>22-26th Very wet and windy in all parts – including the South - with extreme thunder, floods damaging hail and tornadoes.</p> <p>Winds: S/ SW especially in West and Cyclonic later in South. Tornadoes likely.</p> <p>Developments: Two major Low/sub-low attacks from the West with a deep Low later tracking through South England bringing wind damage and heading into South Scandinavia and NE-wards.</p> <p>Solar Factors: A pair of R5s: R5 22-23 and R5 24-26</p> <p>Confidence AB 80%</p>	<p>Very Wet and windy in all parts. Gales in Ire / SouthWest / Channel. Floods, thunder, damaging hail, tornadoes likely. Cold. Dull.</p> 
<p>27-31st / Aug 2nd Briefly mostly dry and bright in most of Britain while Ireland & West Scotland have some showers; then (& into August) very wet windy with major large damaging hail, thunder and local floods.</p> <p>Floods initially mainly in the NW then across most parts, less in SE.</p> <p>Winds;SW'ly light/mod gales later, tornadoes likely later</p> <p>Developments: Briefly mostly slack at first with Low pressure filling and retreating Westwards then probably two consecutive deep powerful Dartboard-type Lows attack from W/NW</p> <p>Solar Factors: NSF 27, R4 28-29, R5 31 - 2 Aug</p> <p>Confidence B 75%</p>	<p>Briefly showery then generally very wet and windy with floods, large damaging hail, thunder and thick cloud.</p> 



Information + Advice on Application of forecasts, Confidence + Timing of weather events & weather periods, Speaking / Presentation Events

(Carried on p4 of eg, 45-75d WeatherAction Br+Ir Forecasts)

1. 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.
2. **The headline summary** (page 1) is the most confident summary statement about the month. **The essential weather development** (normally p1 but may not be named as Essential weather Development) gives essential developments through the month.
3. **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 and timings +/-1d.**
4. **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]
5. **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 in parts of the region specified during that period.** The boundaries of regions are uncertain. The most probable sub-parts of periods for events may be stated.

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.

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 WeatherAction long range.
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, ie **R5, R4** periods

© Weather Action & Piers Corbyn™ accept no liability for any loss howsoever arising from use of forecast information. Application of forecasts is entirely at the user's risk. None of this forecast may be published or circulated in media or web or used in production of other forecasts without agreement of Weather Action & Piers Corbyn. **Violations will be treated seriously.**

Newspaper or media use is welcome but must include acknowledgment of WeatherAction/Piers Corbyn and be from a specific issued news release statement from WeatherAction or agreed with the newspaper or media concerned.

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 / 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); Dinner Speech to Imperial College Union Centenary Presidents Dinner July 2007; Royal College Of Science HG Wells centenary Dinner Criterion Restaurant Piccadilly 9 Dec 2008; International Climate Change Conference New York 10 March 2009; Raven's Ait Kingston historic Thanes island occupation Easter Sunday 2009; The Solar Weather Technique & The future of Forecasting – WeatherAction Climate Fools Day Conference Imperial College London 28 Oct 2009. **Most Presentations since then are listed below:-**

2011: UK Parliament Written report to Transport Select Committee re Dec 2010 supercold spell; London Petrophysical Society, Royal Meteorological Society of East Anglia, Imperial College, Insurers Property Forum 2011, USA Coal Forum New York 2011, University of Colorado 2011, Congress of Brilliant Minds Madrid Nov 2011, FC Stone Commodity Forum Nov 2011, London Oratory School Dec 2011;

2012: SW Farmers event Jan 2012 (Geoffrey Philpott); The Greenest Event Johannesburg South Africa 5 July 2012, National Forecasting Conference Nelson Mandela Metropolitan University Port Elizabeth South Africa 19-21 Sept 2012, 'Green's not Working' Climate Fools Day event UK Parliament 31 Oct 2012, Plant Engineers Forum ea-technology Capenhurst Chester UK 14 Nov 2012; Malting Barley Conf Test Valley Golf 10DEC2012;

2013: Wilts Grain AGM Amesbury HighPostsGolf 21JAN2013; Cable Engineers Forum, eaT, Capenhurst 5 Feb 2013; Arable Farmers Morpeth 28 Feb 2013; Overhead Line Engineers Capenhurst 21-03-13; Agricultural Engineers Association 1 Gt George St SW1. 09.04.13; Sterling Loss adjusters 2013 17th April Kings Hill Kent; MAPLIVE Stoneleigh Park Wed 24 April 2013; GAFTA (Grain And Feed Trades Association) Hotel Kempinski, Geneva, 15-17 May 2013; TheNaturalNow Peckham Sat18May 2013; AEA OutdoorPower PETERBOROUGH 26Sept 2013; International Association Of Operative Millers IAOM 2013 Nov 6-8 Sousse Tunisia; ORION FARMING 25Nov 2013 Abingdon;

2014: 20Jan2014 CHICHESTER AGRI-WEATHER; March7 2014 PONLAF Hampstead; ElectricUniverse2014 Mar20-24 Albuquerque USA

• To arrange Presentations and for other and upcoming events reports and publicity see www.WeatherAction.com , @Piers_Corbyn (twitter) and FaceBook or Enquire piers@weatheraction.com

WeatherAction, Delta House, 175-177 Borough High St, London SE1 1HR. Tel +44(0)20 7939 9946, +44(0)7958713320