



**The Long Range Forecasters**

## 2014 July 30d ahead Forecast Britain & Ireland graph inc

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

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

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

**Confidential**

2014 July 30d (8 weather periods) Brit & Ire SLAT (Solar-Lunar-Action-Technique) 9C forecast. Prod 27 June.

Same as 45d (which was v simil to 40-70d Forecast issued 22May), except p1 summary clearer.

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### JULY 2014 6 pages inc maps & graphs.

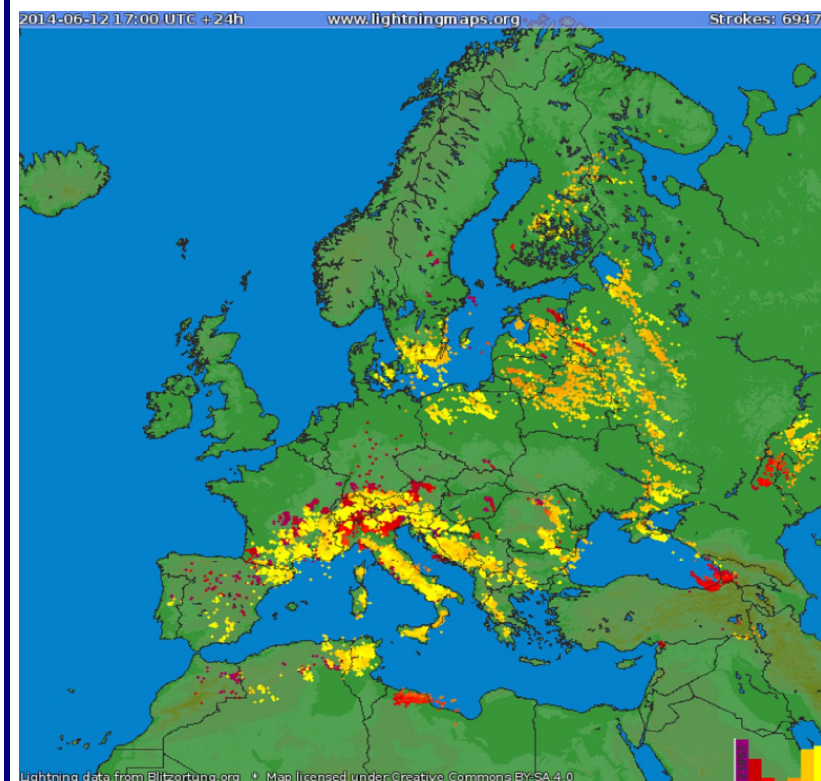
MAJOR CONTRASTS THROUGH REGION & TIME  
Ireland & most of Britain (espec N/W) wet/  
very wet with thunderstorms, floods, hail,  
damage, strong winds and tornadoes at times.  
S/E close to av rain & warmer than normal.

- Cool/cold overall Br+Ir but nights mostly not very cold.
- Wild temperature swings. Finer spells short.
- Overall very cloudy with East / SE parts less so relative to normal.
- **An 'apocalyptic' 11 days** (in two bursts) most of 23<sup>rd</sup> July to Aug 2 Ireland + W/N Britain with intense deluges, thunder, floods, massive hail and some tornadoes; with short respite. Note break in rain 28/29<sup>th</sup> + S/E less wet later.
- **Most unsettled spells +/-1d** (note grouping of major solar impact R4, R5 periods) :  
2-3 **R4**; 9-10 **R4**; 11-12 **R5**; 15-17 **R4**; 22-23 **R5**; 24-26 **R5**; 28-29 **R4**; 31 to Aug2 **R5**.
- Frequent cyclonic conditions Brit & Ire & (partial) blocking of flow by High pressure ~Continent. **Main Forecast Uncertainty** is extent of this (partial) blocking.
- Wild-Jet-Stream - Mini-Ice-Age circulation in Br + Ir, Europe and world. Jet Stream generally South of normal or split with a strong far South branch, huge meanders and blocks.

**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, cyclogenesis risk and wind levels in WeatherAction Solar-Lunar-Action-Technique (SLAT) **R5 & R4 'Top Red'** extra activity periods. In/around such periods standard Met forecasts from 12/24hrs ahead of precip need to be typically ~doubled (or ~more for **R5**). These factors & modifications which improve on TV forecasts are independent of details of pressure patterns, verified or not, for these times. Forecast users are welcome to warn others.

### Top R5 Solar driver 12-14 June thundering success! p2



### GREAT VIDS by Piers Corbyn

1. Electric Universe Conf Presentation <http://bit.ly/1nJecce>
2. Co2Con Nailed <http://bit.ly/QS0k34>

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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: Red = danger / disruption, Green quiet, Orange intermediate. For other warning notes and explanation see page 6

R5 Thundering Success From p1



**The WeatherAction R5 - TopRed Solar effect period – ~12-14 June was a great success despite some pressure displacements / blocking over Ireland and Britain.**

The period saw major Lightning strikes over much of Br+Ire+Europe (eg map p1) as WeatherAction warned. Of special interest was major strikes eg 13th in Belarus & central / S Europe especially Croatia, Bosnia, Serbia, all confirming a WeatherAction EuroMaps warned large area for thundery deluges and **floods**. A long thundery band from South France to Greece further South also backed WeatherAction warnings.

● **Contradicting UK Met O 1d ahead forecasts the skies lit-up and the heavens opened overnight 14-15th in many parts of Br+Ir (pic).**

#### LIGHTNING TIMING EVIDENCE OF SOLAR EFFECTS.

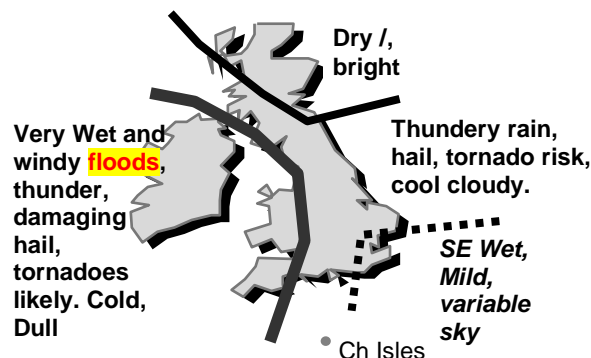
See <http://www.lightningmaps.org/realtime?lang=en> for lightning events as they occur. **They are not random** but events (separated by 100s or thousands of miles) which often come as near simultaneous strikes then nothing for a few seconds then another group close together in time. “This is evidence of common external solar wind - ionospheric effects hitting simultaneously over a wide area. Geographically the near simultaneous strikes are too far apart to be meteorologically connected by wind or sound shock waves”, said Piers Corbyn.

● **Extra thunder is nothing to do with CO2 and indeed NASA recently confirmed a solar-wind – thunderstorms connection known to WeatherAction for years but they did not acknowledge us.**

1-5 July 2014 A = 85% ●

Mainly very wet with floods windy and cloudy in Ireland & West involving major thunderstorms with hail. East showery & humid. Scotland espec N/E mostly dry. Mostly cool or cold except N/E and SE quite mild and humid.

Same as 45d.



**Winds:** Cyclonic in Ireland with gales. Southerly in East. Tornadoic events likely esp 2-3rd

**Temps:** Cool in Ire/West. East + N warmer rel to normal.

**Sky:** Ire + West cloudy. Scot + East brighter.

**Solar Factor:** R3 Jul1, R4 Jul 2-3, R1 Jul 4-5

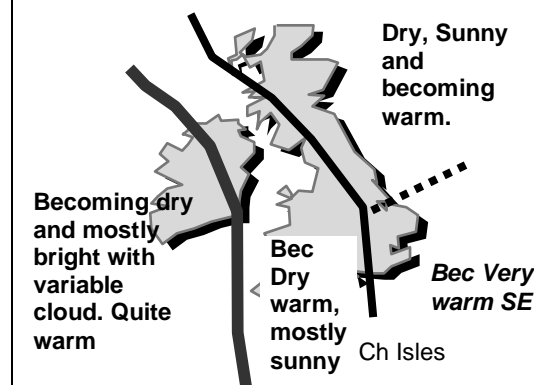
#### Likely possible weather map scenario:

Generally cyclonic attack from Atlantic with Low centred just west of or over Ireland. Scandinavian High. Low Greenland. Azores High normal. Lows NW Africa, Greece, Ukraine.

**Jet Stream: Blocked, South branch. Africa – Greece – Ukraine developing.**

6-8 July 2014 B = 75% ●

Becoming briefly generally fine sunny and warm / very warm in South East. More cloud in Ireland. More sunny in Scotland. Same as 45d.



**Winds:** Light variable / easterly

**Temps:** Quickly becoming very warm in all parts espec S/E.







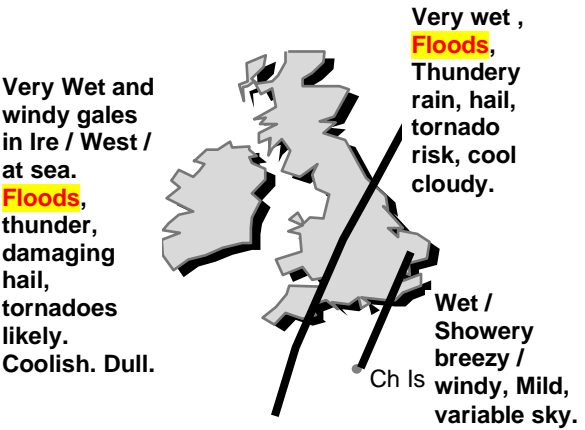
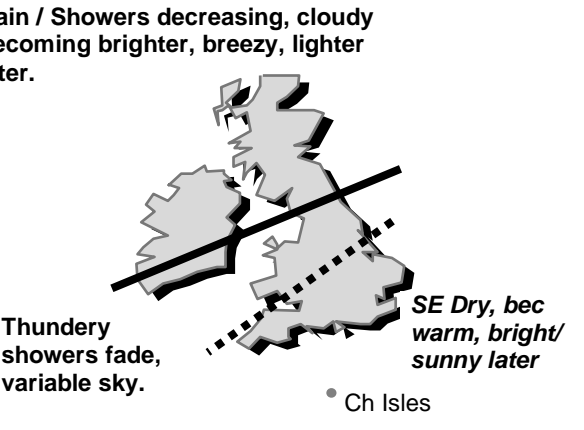
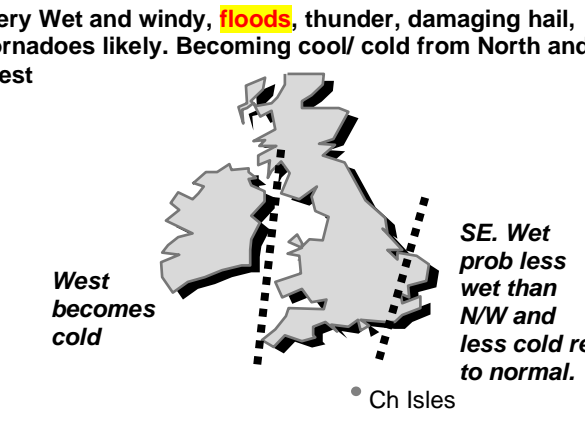
**Sky:** Bright becoming sunny.


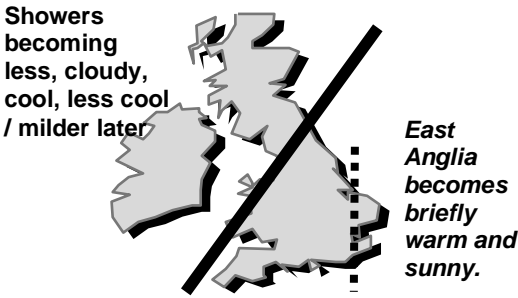
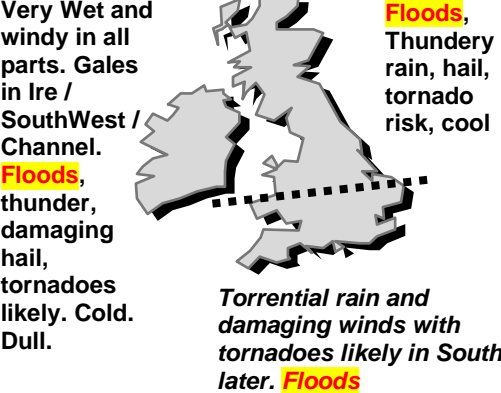
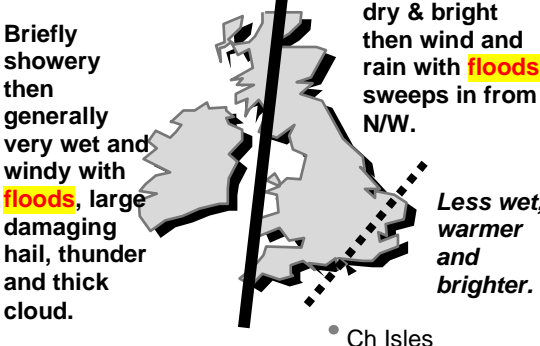
**Solar Factors:** NSF/Q 6-7, R2 8<sup>th</sup>

#### Likely possible weather map scenario:

Low pressure retreats West and High pressure builds especially in North. Continent generally high pressure. Azores high extends to West Iberia. Low pressure Italy – Balkans – Ukraine – Russia.

**Jet Stream: Blocked/ confused developing south stream.**

	2014 July 30d (8 weather periods) Brit & Ire SLAT (Solar-Lunar-Action-Technique) 9C forecast. Prod 27 June. Same as 45d (which was v simil to 40-70d Forecast issued 22May)	Confidential. © Weather Action Tel +44(0)20 7939 9946
Time periods normally accurate to +/- one day. At least 6 of the 8 should be basically correct this month.		
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9-12 July 2014 AB = 80% 	13-14 July 2014 BC = 70% 	15-17 July 2014 AB = 80% 
<p><b>Very wet &amp; windy with gales in Ireland Scotland and N/W England &amp; Wales. Thunder &amp; hail.</b></p> <p>Same as 45d.</p>	<p><b>Showery in North dry in South. Cloudy North turning sunny in South. Bec warm in South.</b></p> <p>Same as 45d.</p>	<p><b>Very wet and windy in most parts with hail, thunder and floods. Cool (espec West). SE less wet and less cool. Cloudy.</b></p> <p>Same as 45d.</p>
		
<b>Winds:</b> SW'ly damaging gales in Ire/West. Tornadoes likely especially later. Less wind in SE	<b>Winds:</b> Westerly Mod / light, cyclonic N Scot.	<b>Winds:</b> S/ SW gales N Ireland / NW Britain some tornadic developments likely.
<b>Temps:</b> Normal/cool Ire + Scot. S/E warm. (Mild nights)	<b>Temps:</b> Normal; cool in Scot + NI	<b>Temps:</b> Cool espec West.
<b>Sky:</b> Ire + Scot cloudy, S/E variable.	<b>Sky:</b> Cloudy north; bright/sunny South later.	<b>Sky:</b> Cloudy.
<b>Solar factors:</b> R4 9-10, R5 11-12	<b>Solar factors:</b> NSF/Q 13-14 <sup>th</sup>	<b>Solar factors:</b> R4 15-17
<p><b>Likely possible weather map scenario:</b></p> <p>'Dartboard' Low pressure from West heads for Scotland. Higher pressure SE. Azores High weakly linked to France. Low S Spain/Gibraltar. Low SW Russia, Ukraine.</p> <p><b>Jet Stream: Huge meanders.</b></p>	<p><b>Likely possible weather map scenario:</b></p> <p>Low Pressure gets to be probably over N Scotland &amp; fills, becoming slack in Centre &amp; South. Low Pressure Greenland, Azores High shifted South/West. Low Russia.</p> <p><b>Jet Stream: South of normal.</b></p>	<p><b>Likely possible weather map scenario:</b></p> <p>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><b>UNCERTAINTY</b> about how far East low penetrates.</p> <p><b>Jet Stream: South of normal.</b></p>
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18-21 July 2014      B = 75%      ●	22-26 July 2014      AB = 80%      ●	27-31 July/Aug 1/2 2014      B = 75%      ●
<p>Showers Ireland, Scotland and North-West England (reducing). Midlands + East/South become dry fine and quite warm espec East Anglia.</p> <p>Same as 45d.</p>	<p>Very wet and windy in all parts – including the South - with extreme thunder, floods damaging hail and tornadoes.</p> <p>Same as 45d.</p>	<p>Briefly mostly dry and bright in most of Britain while Ireland &amp; West Scotland have some showers; then (&amp; into August) very wet windy with major large damaging hail, thunder and local floods. Floods initially mainly in the NW then across most parts, less in SE.</p> <p>Same as 45d.</p>
		
<b>Winds:</b> SWly / W'yly Mod bec light in England.	<b>Winds:</b> S/ SW especially in West and Cyclonic later in South. Tornadoes likely.	<b>Winds:</b> SW'ly briefly light/mod, gales later, tornadoes likely later.
<b>Temps:</b> Normal/cool NW, warm East/South.	<b>Temps:</b> Cool.	<b>Temps:</b> Cool; SE closer to normal.
<b>Sky:</b> Cloudy NW, sunny S/E	<b>Sky:</b> Cloudy.	<b>Sky:</b> Cloudy/variable then thick cloud.
<b>Solar factors:</b> NSF/Q 18-21	<b>Solar factors:</b> A pair of R5s: R5 22-23 and R5 24-26	<b>Solar factors:</b> NSF 27, R4 28-29, R5 31 - 2 Aug
<p><b>Likely possible weather map scenario:</b></p> <p>Low to West of Scotland fills somewhat and probably drifts South, High pressure France and Finland &amp; N Sweden + Norway. Low Greenland. Azores High pushed South. Becoming mostly slack. High pressure S France, Spain + W Med; and Finland + N Sweden + Norway.</p> <p><b>Jet Stream: South/Blocked.</b></p>	<p><b>Likely possible weather map scenario:</b></p> <p>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. Low West Med – Italy – Balkans – Ukraine.</p> <p><b>Jet Stream: South of Normal and UNBLOCKED.</b></p>	<p><b>Likely possible weather map scenario:</b></p> <p>Briefly less wet and broken sky and slacker at first with Low pressure filling and retreating Westwards then probably two consecutive deep powerful Dartboard-type Lows attack from W/NW</p> <p><b>Jet Stream: South of normal.</b></p>
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## Easy Look Forecast Graph

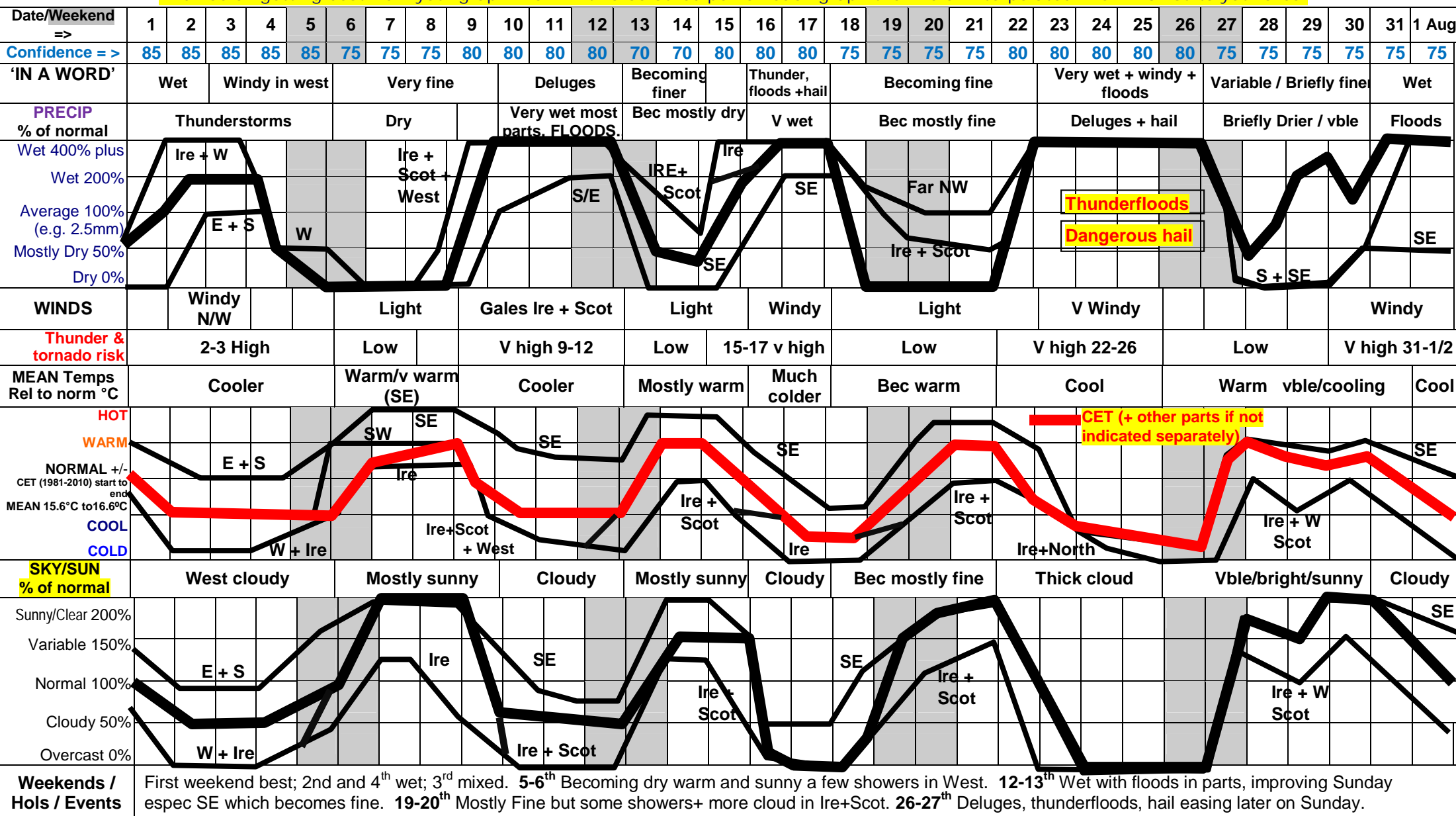
**JULY 2014: 30d ahead detailed update of Longer Range. SLAT 9B. Normally accurate to 1 day.**

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.



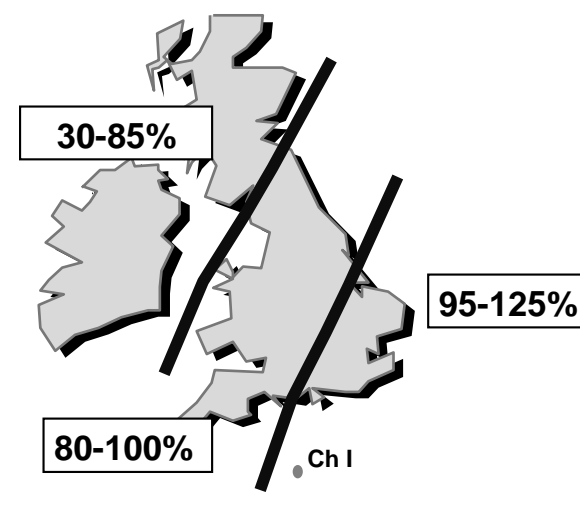
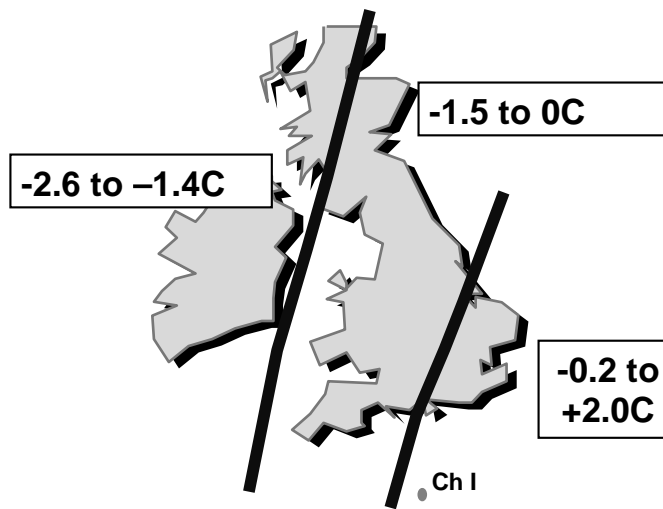
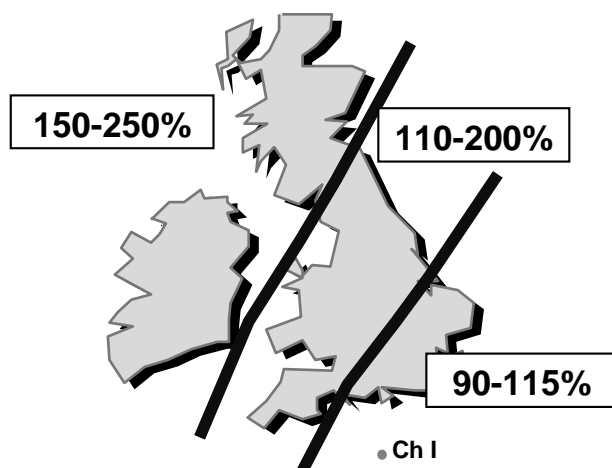
## JULY 2014 SLAT 9C Britain & Ireland Forecast deviations from normal.

(rel to 1981-2010 averages)

### PRECIPITATION % of normal

### MEAN TEMPERATURE deviation from local normal

### SUNSHINE/SKY % of normal



Very wet especially Ireland & Scotland. SouthEast may be close to normal.

Cool/cold in most parts. Ire and West Scotland coolest. SE likely to be warmer than normal.

Very Cloudy and dull in Ireland & Scotland. Central parts less so. Southeast close to normal.

## JULY 2014 Notes & Additional Information

**Confidence order:** **RST** SLAT 9C More confident of rain and sun than temperature.

**Main uncertainty:** **Extent of high pressure blocking in East / SE at times.**

**Weather Warnings** **Wet /v wet most parts ~2-3<sup>rd</sup>, 10-12<sup>th</sup>, 15-17<sup>th</sup>, 23-26<sup>th</sup>, 31<sup>st</sup>-Aug 2**

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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