



The Long Range Forecasters

2013 August 45d ahead Forecast Britain & Ireland graph inc

Produced under Solar Lunar Action Technique SLAT 9 – 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 personal premium rate service on 09061100445

Confidential

2013 AUGUST 45d (8 weather periods) Brit & Ire SLAT 9 forecast. Prod 15 July, Release 16 July.
Substantial changes in 2nd and 3rd weeks by STAT9 superseding SLAT8C for 75d forecast (copy of 175d)

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AUGUST 2013 graph inc

Headline summary & essential development.

SLAT9. Update note: There have been substantial changes in 2nd and 3rd weeks Aug forecast under new SLAT9 which indicates cut-off High pressures are likely over Britain + Ireland making weather much finer and warmer than in 175d (and 75d copy) ahead forecast. SLAT9 was developed to better identify cut-off Highs like which replaced our forecasted very unsettled weather during the R5 7-9 July.

A month of dramatic contrasts.

Unsettled start then fine, heatwave weather until just after mid-month.

Late August turns very wet and cold with wintry showers likely on high ground in North parts.

- An unsettled cool/cold start
- 5-19th mostly very warm/hot, dry + sunny – a heatwave.
- 20-25th variable, generally cooling.
- 26-31st/ Sept 1st turning very unsettled, wet + cold with hail, thunder and floods in places.
- Jet stream often south of normal or split.

Map details in 8 weather periods p 2-4. Graph +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 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 welcome to WARN others 24 hours ahead.

Cool end July B+I likely

Standard Met 14d ahead (GFS) agrees (mid July) with WeatherAction 44d* ahead {*which came from WA choices 140d ahead}

“Heatwave to last a month” blazed The Express (rt) 13 July. Then on 15th The Independent: “Extreme (hot) summers are growing more common”.

This defective claim is negated by the reality that 5 of the last 6 summers were floody & mostly cold – as WeatherAction Long-Range forecast and the opposite of MetO promised ‘BBQ summers’. Amusingly as the Press rolled standard Met GFS models (see over) projected late/end-month maps very similar to the WeatherAction view made mid June. “Models change a lot and include cold before the 30th - supporting our cool/cold late/end July forecast. This period is important and should be watched closely”, said Piers Corbyn.



SLAT 9 is born

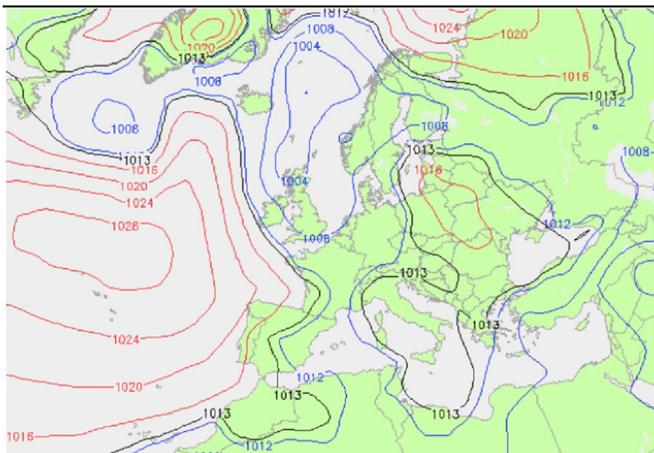
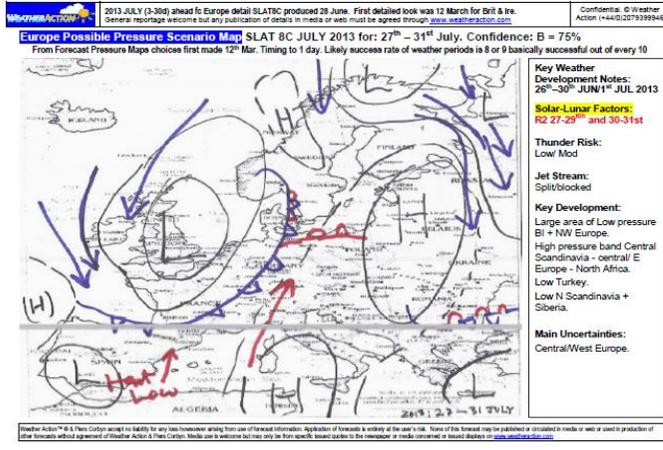
“We now have a better understanding of the surprise cut-off High ~7-9 July which brought very fine hot weather to Britain & Ireland and issued an important update to subscribers about it and may issue others. The new understanding takes us to SLAT9 - which should give a better grasp of forecasting cut-off Highs - and has made substantial changes to this August Britain & Ireland forecast”. Pto for late/end July Pressure forecast maps

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.

For warning notes and explanation see page 6

Standard GFS Model tails Weather-Action in late July forecasts (from p1)

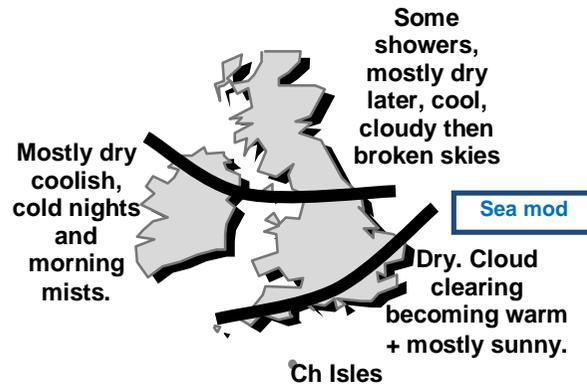


1 – 3 August 2013

B = 75%



Showers clear after lingering in NE parts. Broken skies, more cloud in North. South and SE finer. No change from 75d (175d) SLAT8c

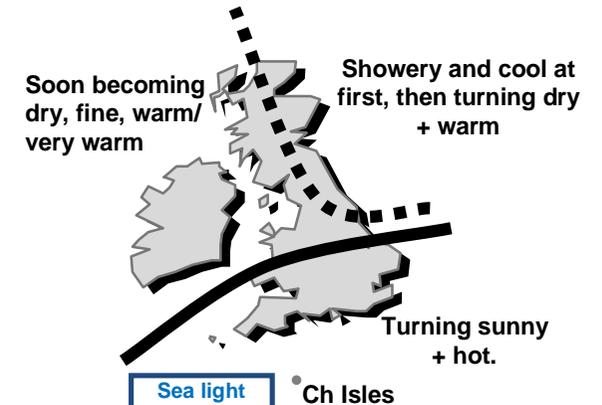


4-6 August 2013

B = 75%



Showers clear from East and fine, sunny weather (with high cloud) takes over. Becoming very warm in most parts and hot in S + SE. Major change from SLAT8C to SLAT9.



Winds: Mostly NW'y moderate becoming light.

Temps: Cool in most of NW; warm in S/SE.

Sky: Variable and getting brighter. Mostly sunny S/SE.

Solar Factor: R2 1st Aug NSF/Q 2-3 Aug.

Likely possible weather map scenario:
Filling Low pressure over British Isles. Azores High extending to West France/ Spain. High pressure Germany and East Scandinavia. Low pressure (extensive) Norway Sea. Generally NW'y flow over Britain and Ireland. **Jet Stream: Split/ South / blocked.**

Winds: Variable/light. N'y at first in East, becoming E'y in South.

Temps: Warm, then becoming hot in South/SE.

Sky: Cloudy in East at first, becoming sunny but high cloud.

Solar Factors: R4 4-6th.

Likely possible weather map scenario:
Low pressure moves East and new Low attacks NE parts but is blocked by a developing cut off High over Britain + Ireland. Low/ Heat Low Spain. Spanish Pluming into France + S England. Low pressure N-Central Scandinavia. **Jet Stream: Split.**

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7-9 August 2013 B = 75% ●	10-13 August 2013 B = 75% ●	14-20 August 2013 BC = 70% ●
<p>Generally dry and sunny, with broken cloud or sunny in NW. Ireland and South warmest. Some changes under SLAT9 from 75d (=175d) forecast</p>	<p>Dry, hot + sunny. Heatwave continues. Land + sea breeze cooling on all coasts. N Scotland variable sky. SE cooler near coasts. Finer + warmer under SLAT 9 than 75d (175d)</p>	<p>NE vs. S/W split. Mostly dry + fine/sunny but with high cloud. NE parts may have rain, thunder and hail. SW parts very warm and mostly sunny. Pattern of low attack shifted east under SLAT 9.</p>
<p>Winds: Slack/light SW'ly in North.</p>	<p>Winds: Very light W'ly in N Scotland, NE'ly in SE</p>	<p>Winds: Light NW/ly except strong NW'ly in NE.</p>
<p>Temps: Very warm, sticky nights in S/E.</p>	<p>Temps: Hot over all parts. NW England unusually hot for region.</p>	<p>Temps: Mostly warm. Cool NE</p>
<p>Sky: Variable in East & NE, mostly sunny in Ireland & S/W Britain.</p>	<p>Sky: Very sunny. UV burning</p>	<p>Sky: Sunny except NE and generally more High cloud ~15-17th</p>
<p>Solar factors: NSF/Q then R2 9th.</p>	<p>Solar factors: R3 11-14. (Change from SLAT 8C)</p>	<p>Solar factors: R2 14th; R5+ 15-17th; R4 18-19th.</p>
<p>Likely possible weather map scenario: Intensity of Britain + Ireland High decreases and East wind/ Spanish plumes in South/ Channel + N France decreases. High pressure over Britain + Ireland more like Azores extension. Greenland High somewhat South of normal giving High pressure Iceland. Jet Stream: Split. N branch stronger.</p>	<p>Likely possible weather map scenario: High over Britain + Ireland expands and strengthens. Low pressure/heat Low Spain. Active lows Iceland/ Norway Sea blocked from B+I. High pressure South Baltic/Baltic states, East Europe. Low Greece/Turkey. Jet Stream: Split and cut off High B+I.</p>	<p>Likely possible weather map scenario: Extremely active Low(s) to NE of Britain and cyclonic sub lows track through N Sea, Ireland and Britain giving cyclonic – cyclonic N'ly circulation in NE parts while centre + West stay high pressure dominated. Azores High reaching Spain. Partially blocking High Germany/ Poland. Low pressure South Spain and South Greece/ East Mediterranean. Jet Stream: Split/blocked.</p>

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.

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21-25 August 2013 B = 75% ●	26-28 August 2013 B = 75% ●	29 Aug-31 Aug/1 Sep 2013 B = 75% ●
<p>Generally dry and reasonably fine, especially in W + NW. Showers in East/NE decrease, becoming mostly dry. Overall getting colder from N/E. Pressure patterns shifted East from 75d (175d) by SLAT9</p>	<p>Showers of rain with sleet and snow on higher ground in North/ NE Bitter North wind, hailstorms, some thunder possible later. Cold/ very cold in N/ NE; increasing cloud. SW Eire finer. Little/No change from 75d 175d although another SLAT9 review possible</p>	<p>Very wet with torrential rain, hail, thunderstorms and river flooding and tornadoes likely. Bitter cold North wind especially in North/ West. Ireland less extreme. No change from 75d 175d although another SLAT9 review possible re appearance of Cut-off highs.</p>
<p>Winds: N/NE'y Strong in East/ SE</p>	<p>Winds: N'y strong (gales at sea) in East; Moderate in Eire.</p>	<p>Winds: Biting N'y wind in centre/ West; cyclonic in centre/ East.</p>
<p>Temps: Getting colder from N/E</p>	<p>Temps: Cold very cold later in most of Scotland and England.</p>	<p>Temps: Very cold.</p>
<p>Sky: Sunny/fine Ireland. More cloud towards E/N.</p>	<p>Sky: Increasing cloud, thick in North and East.</p>	<p>Sky: Thick dark clouds.</p>
<p>Solar factors: NSF/Q 20-23; R1 24-26.</p>	<p>Solar factors: R2 26/27-28; R5 starts 29th.</p>	<p>Solar factors: R5 29-30th R4 31 Aug – 1 Sept.</p>
<p>Likely possible weather map scenario: Deep Low(s) move to South Scandinavia from N Sea/Norway Sea and fill with sublow remnant likely over N Sea. High pressure (Azores extension) over Ireland + West Britain. Greenland High extends to Iceland. Jet Stream: Split (one branch well south).</p>	<p>Likely possible weather map scenario: Low pressures centred North sea near Denmark and N Scandinavia intensify. East Greenland High. Azores High shifts West and Azores (islands) pressure decreases. N'y flow over Britain and Ireland rapidly strengthens. Jet Stream: blocked / South. NAO (North Atlantic Oscillation Index) suddenly decreases.</p>	<p>Likely possible weather map scenario: Very active Low pressure centred probably over South England, active Scandinavian Low loosely linked to it. Azores High extended North in mid Atlantic largely blocking Lows from East Atlantic. Very vigorous cyclonic/ cyclonic - N'y circulation over Britain & Ire. Jet Stream: Blocked/South.</p>

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Easy Look Forecast Graph

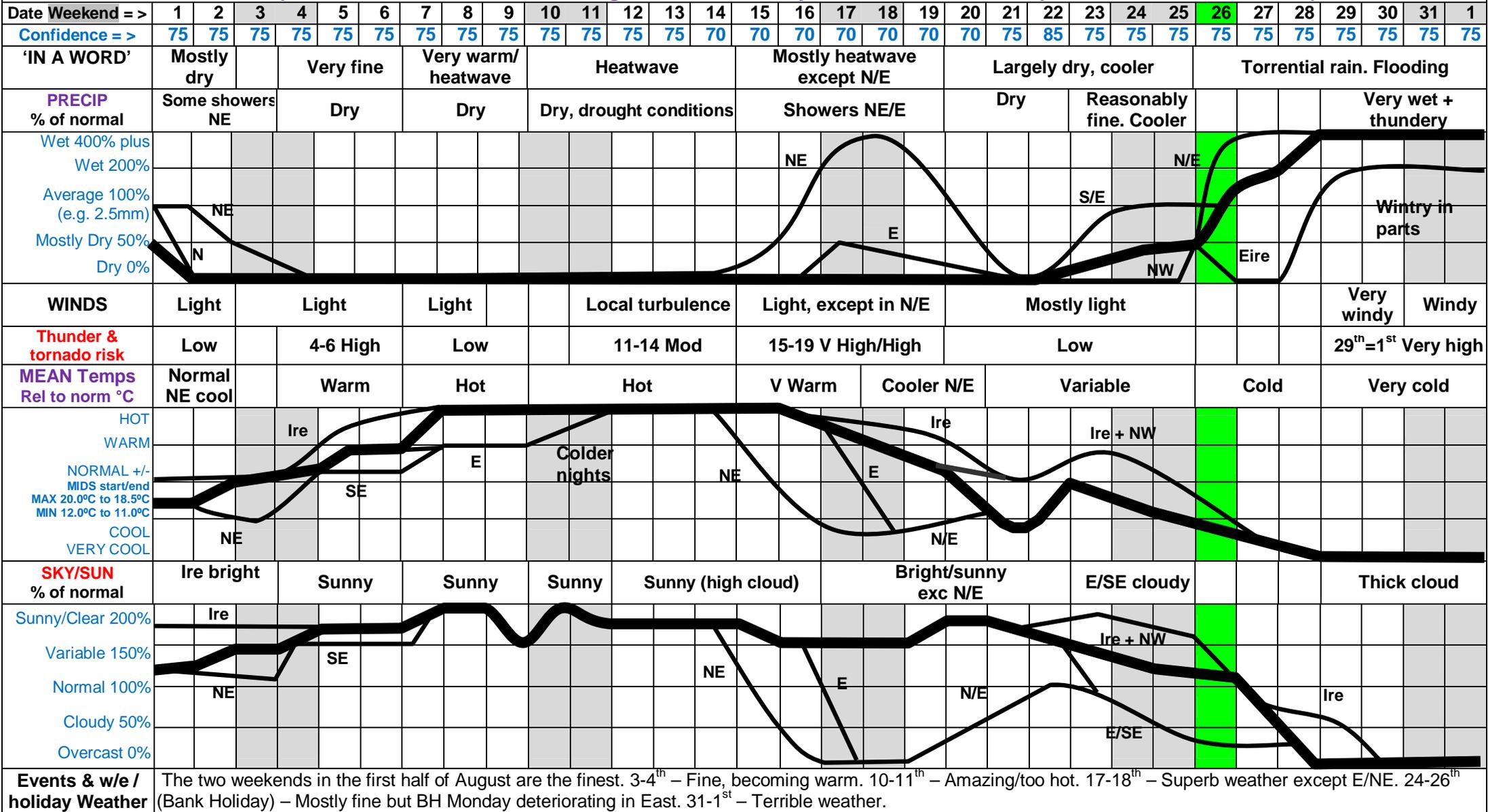
AUGUST 2013: 45d ahead update. SLAT 9. Normally accurate to 1 day.

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.

For Solar Factor improvements to Standard Met Short range forecasts when they become available a few days ahead of weather refer to map-tables.



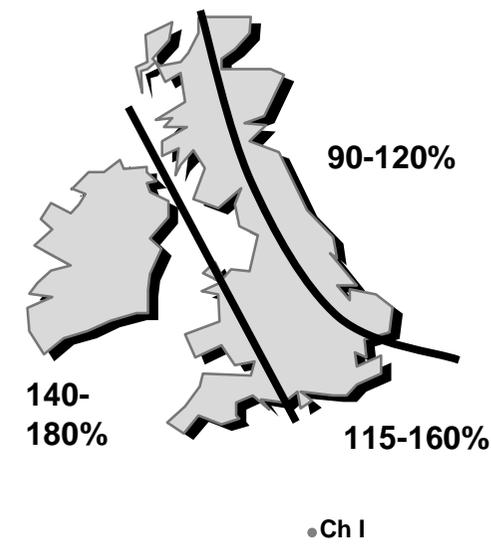
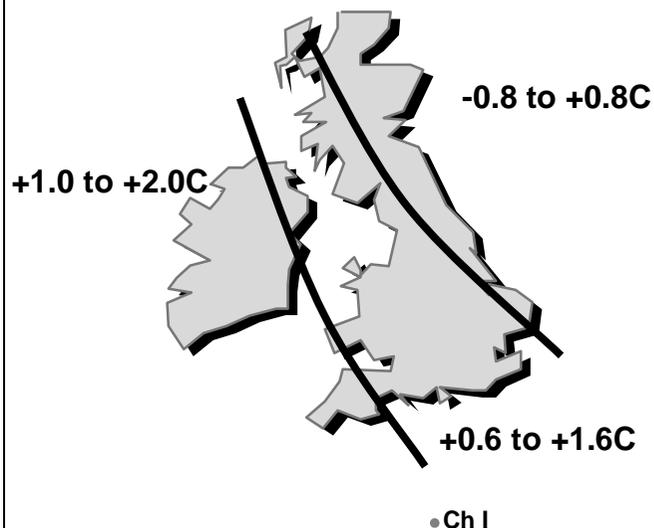
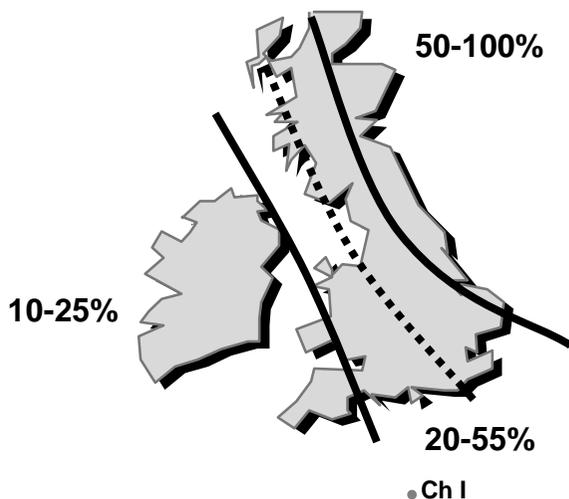
JULY 2013 SLAT 9 Britain & Ireland Forecast deviations from normal.

(rel to 1981-2010 averages)

PRECIPITATION % of normal

MEAN TEMPERATURE deviation from local normal

SUNSHINE/SKY % of normal



Generally dry or very dry. Closer to normal in N/E. Eire + W Britain drought. Overall detail uncertain because boundaries of rain later uncertain.

Overall very warm in Eire and West but close to normal in N/E parts. Daytime averages may be notably high in places but some nights cold.

Sunnier than normal with Ireland and West Britain being very sunny and NE parts probably close to normal. Dramatic contrasts through the month.

JULY 2013 Notes & Additional Information

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

Main uncertainty: Development or not of Highs/cut off Highs especially 15-17th.

Weather Warnings: Heat, especially in 2nd week; deluges towards end of 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%)

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.]