“Some amazing blasts of early summer” - Mostly fine sunny and warm. Thundery showers with hail but overall drier than normal.

- First 10 days Mostly cool and showery.
- Mid-late month and Easter break superb.
- Last week variable.

- Most unsettled periods N Atlantic / Britain, Ireland & N Europe +/- 1d April ~5-7 (R5) ~10-11th (R4), ~19-20 (R5), ~24-25 (R4).
- Rapid stark changes and intense hail and thundery showers at times.

These follow from Wild Jet stream / Mini-Ice-Age circulation & events in N Hem which become more extreme under phase 2 (“Rapid Intensification”) of the New mini ice-age in WeatherAction Solar Lunar Action Technique, SLAT9b. (Phase 1 was prelim developments over recent years. SLAT9b is for phase 2)

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

Dramatic ‘Mini-Ice-Age’ extremes hit both sides Atlantic - 75% success.

- Extreme storm events 10-12 March R5 blocked from Britain & Ireland while corresponding blizzards confirmed in USA/Canada.
- Extreme Very cold blast 14-15 March R5 confirmed USA-Canada AND 112 mph winds hit Scotland - against standard Met expectations.

The important PAIR of R5 Top Red Active weather periods 10-12th and 14-15th March predicted by WeatherAction to give ‘SLAT9B’ Wild Extremes both sides of the Atlantic have been successful – with a 75% score for essential aspects of the forecasts being confirmed in the land regions concerned.

Contd Over Cairngorm Scotland Ski lifts stopped 14th due to extreme winds

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### 1-4 April 2014  BC = 70%

- **Winds:** Light.
- **Temps:** Turning colder, especially in east.
- **Sky:** Bright/sunny in S/W Ire, England + Wales. Some fog.
- **Solar Factor:** R3 1-3rd; NSF/Q 4th

**Likely possible weather map scenario:**
High pressure (Azores extension) in S/W Ireland and S/W Britain. Active low pressure south Scandinavia/Denmark. Deeper low Iceland largely blocked by Ireland and Britain high.

**Jet Stream:** Normal/blocked east Europe.

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### 5-7 April 2014  C = 65%

- **Winds:** Strong/gales N/NE/y Scotland; moderate in S/SE.
- **Temps:** Cool/colder north, frosts; milder especially later SE.
- **Sky:** Cloudy, brighter in SE.
- **Solar Factors:** R5 5-7th

**Likely possible weather map scenario:**
Active low pressure Norway Sea and increasingly active low Scotland/N Sea. Azores High extension to SW Ireland and Britain pushed south. Probably a weak ridge west of Ireland. High continental Europe. **Jet Stream:** Normal/blocked east and NE Europe.
8-11 April 2014  BC = 70%

After a generally quiet, bright start, it turns showery in most parts except N/W Scotland which is mostly dry.

12-15 April 2014  B = 75%

Becoming warm and humid. Scattered thundery showers in most parts. Dry and mostly sunny in east, where it turns very warm.

16-20 April 2014  AB = 80%

Dry, very warm or hot and sunny. More cloud later with threat of thundery showers in S/W. Tremendous weather in most parts.

Winds: Light, moderate later. Becoming NE'ly in Scotland.

Temps: Getting warmer and humid.

Sky: Bright at first, turning cloudy.

Solar factors: NSF/Q 8-9th; R4 10-11th

Likely possible weather map scenario:
Low pressure in north sinks south and becomes more active later. Higher pressure north of Scotland and Scandinavia. Centre of low in south probably moves towards Biscay later.
Jet Stream: Effectively moving south/confused.

Winds: Light S/SE'ly.

Temps: Becoming very warm.

Sky: Mostly bright, especially in east parts.

Solar factors: NSF/Q 12th; R2 13-14th; NSF/Q 15th

Likely possible weather map scenario:
Jet Stream: Turning south.


Temps: Very warm/hot in south.


Solar factors: NSF/Q 16th; R3 17-18th; R5 19-20th

Likely possible weather map scenario:
General high pressure domination of Britain and Ireland with high centred Germany/north Europe; increasingly attacked by active low to west of Ireland and low pressure developing later over Norway Sea/west Norway. High pressure Greenland linked to extension of continental/Britain and Ireland high.
Jet Stream: Blocked.

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Weather Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-23 April 2014</td>
<td>Dry, very warm and mostly sunny. Sky more variable and threat of isolated thundery showers in S Ireland and SW Britain.</td>
</tr>
<tr>
<td>24-27 April 2014</td>
<td>Heavy, thundery showers with hail especially in east and south then turning mostly dry and bright/sunny. East cool, S/W warm.</td>
</tr>
</tbody>
</table>

**Winds:**
- Light
- Cyclonic/easterly moderate
- Light/mod S'ly

**Temps:**
- Warm/very warm and humid. Threat of thunder.
- Cool east espec East coast; warmer west.
- Warm/very warm.

**Sky:**
- Variable sky.
- Mostly cloudy, brighter later.
- Mostly sunny Eng + Wales, more cloud Ire + Scot.

**Solar factors:**
- NSF/Q
- R4 24-25th; NSF/Q 26-27th
- R3 28-29th; NSF/Q 30th

**Likely possible weather map scenario:**
- Shallow low centred just west/south-west of Ireland. High pressure Europe/S Europe. Azores high compressed SW.
- Shallow low pressure centre deepens and probably tracks into France. Higher pressure in Atlantic (west Biscay) and SE Europe. Low pressure south Scandinavia.
- High pressure centred on continent largely takes over and is attacked by new low to NW of Ireland. Sublow likely later to SW of Ireland.

**Jet Stream:**
- South.
- South and blocked to east.
- Largely south and blocked.

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**Easy Look Forecast Graph**

**APRIL 2014: 45d ahead detailed update of Longer Range. SLAT 9B.**

Normally accurate to 1 day.

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


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

Date          Weekend = >  1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30
Confidence >>  70  70  70  70  65  65  65  70  70  70  75  75  75  75  80  80  80  80  80  80  75  75  70  70  70  70  70  70

**IN A WORD**

Cooler east  
Finer W/S  
Wet/stormy far N  
Brighter  
Showery  
Showery E dry  
Tremendous blast of early summer  
Fantastic weather  
Thundery showers  
Thundery showers  
Dry  
Bec Dry  
Eng + W dry, Ire+ W Scot showery

**PRECIP**

East showery  
Hall + thunder in N  
Mostly dry  
Thundery showers  
Thundery showers  
Dry

**WINDS**

Light  
Strong north  
Light  
Mod/strong  
Light  
Light  
Light  
Light  
Windy in S/E  
Less wind  
Breezy NW  
Light

**THUNDER & tornado risk**

Low  
Very high  
Low  
High  
Med  
Low  
Thunder threats  
Low  
High  
Low  
Med  
Low

**MEAN Temps Rel to norm °C**

Colder except Ire + S/W  
Variable  
Milder  
Quite warm  
Very warm + humid  
Very warm/hot  
Sunny  
Cooler  
Warmer  
V warm, hot in south

**SKY/SUN**

Bright/sunny in W FOG Midlands  
Mostly cloudy  
Brighter  
S cloudy N Scot bright  
Sunny/bright  
Sunny  
Sunny  
Cloudy  
Bright  
Sunny

**WEEKENDS / HOLS / EVENTS**

A tremendous April especially after the first ten days, with a superb Easter. **Wends:** 5-6 Showery and cool; 12-13 a few showers and quite warm; Easter 18-21st Dry sunny hot! 26-27th bright & warmer after a showery Thurs/Friday.

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**APRIL 2014 SLAT 9B Britain & Ireland Forecast deviations from normal.**

<table>
<thead>
<tr>
<th>PRECIPITATION % of normal</th>
<th>MEAN TEMPERATURE deviation from local normal</th>
<th>SUNSHINE/SKY % of normal</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-70%</td>
<td>+0.5 to +1.2C</td>
<td>90-130%</td>
</tr>
<tr>
<td>40-60%</td>
<td>+0.7 to +1.6C</td>
<td>110-150%</td>
</tr>
<tr>
<td>25-50%</td>
<td>+1.0 to +2.0C</td>
<td></td>
</tr>
</tbody>
</table>

Significantly drier than normal especially in South and central parts of England. Scotland & NI closer to normal.

Cooler in first ten days than after mid month. Overall South Ireland, Wales and S/W England warmest part. East coast colder at times (local variations).

Sunnier than normal – less so in East, especially near East Coast.

**APRIL 2014 Notes & Additional Information**

**Confidence order:** TRS SLAT 9B More confident of temperature and rain than sunshine.

**Main uncertainty:** Blocking of fronts by (continental) high(s)

**Weather Warnings** Thick fog and damaging hail at times.

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**Confidence levels**

- **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.

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

The Headline summary (page 1) is the most confident summary statement about 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 predicted 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.

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