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45-75d ahead, SLAT9B

Brit & Ireland JUNE 2014

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KEY ASPECTS of WEATHER DEVELOPMENTS with SLAT9B

Forecast produced April 17th 2014. Rest of summer in similar detail being produced.

Comments on the usefulness of this **Key Aspects** level of detail welcome.

JUNE 2014

A battle of extremes in first half with rapid switches between cold and warm/hot over Britain & Ireland

Wet, cold - espec N/E with wintry conditions over high ground at times - and rather windy (espec N/E) through second half over Britain and Ireland.

- Overall Wet with SE less so relative to normal.
- Ireland, espec SW finer and warmer than central, East and North England in second half.
- Clear Mini-Ice-Age circulation - Jet Stream generally South, huge meanders and blocks

Essential details – in 6 weather sections page 2

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Essential details – in 6 weather sections

Solar factors are NSF/Q where not specified (same notation as 30d, 45d forecasts)

1-4th Wet cold and cloudy over whole of Britain and Ireland.

SE less cold and wet than Ireland, North England and Scotland.

North Britain turns less wet later. Generally less windy later.

Developments: Generally cyclonic circulation with Low centred just North of Northern Ireland

Solar Factors: **R5** fades 1st June, **R3** 3-4th

Confidence B 75%

5-11th Becoming rapidly dry from SE and very fine and warm / hot in England and Wales. Variable then Fine weather follows in Ireland and Scotland.

Developments: Low pressure pushed North and Split Jet Stream develops into "Cut-Off High" centred over Britain/Ireland with winds from east

Solar Factors: **R2** 7-8th and 11th

Confidence B 75%

12-14th Transition. Spectacular thunderstorms from Ireland / SouthWest push in during this period giving heavy rain, hail, flash floods and tornadic developments later. Gales / severe gales in Ireland and Scotland.

Developments: Low pressure from SW attacks and displaces High pressure over Britain + Ireland and gives less warm S/Swly flow.

Solar Factors: **R5** 12-14th

Confidence C 65%

15-17th Mostly Showery, cold and cloudy.

Developments: Low pressure partly fills and moves East giving Cyclonic / slack circulation

Solar Factors: NSF/Q

Confidence BC 70%

18-25th West-East split: Wet and cold with sleet and snow on higher ground in N/E Scotland and North /East England. Ireland especially SW, SW England and Wales generally fine dry and sunny with warm / very warm (in SW Ireland eg) days, cool nights and morning mist (espec Wales).

Developments: Low moves East and flow from North increases rapidly. High(er) pressure over Ireland, SW England and Wales. Winds N'ly in East.

Solar Factors: **R4** 18-20th, NSF/Q 21-25th

Confidence B 75%

26-30th / 1st Briefly dry and bright then wet windy and cold with major large damaging hail, thunder and local flooding spreading from NW / W.

Developments: A ridge followed by a deep Low passes from West replacing N'ly flow with severe cyclonic conditions over Brit & Ireland.

Solar Factors: **R5** 26-28th, **R3** 30th-1st July

Confidence B 75%