



British Isles Forecast 30day ahead SWT23A

Summary - Overalls - Detailed weather periods - Maps - Graphs

- Including Solar based likely corrections to apply to Traditional Meteorology Forecasts as on TV.

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Detailed 30d ahead Forecast AUGUST 2007 SWT23A 30d ahead UPDATE issued 31 JULY 07 (Lb1 & matched HSΩ). Very similar to 8 month ahead. First Long Range Forecast for AUGUST 07 was issued 8m ahead in DEC 06 under SWT21s

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Weather Action's Solar Weather Technique forecasts provide: Weather developments, 'Solar Factors' and Confidence:

- **Most likely weather scenarios** in each period predicted months ahead. Note: relative changes between weather periods are more reliably forecast than details in each period. *Notes on changes from previous fc are indicated*
- **The 'Solar Factor'** most likely corrections which need to be applied a few days ahead to traditional Meteorology forecasts (TMFs) – eg as issued on TV.
- **Confidence.** Each month's long range forecasts is broken into normally 8 weather periods. The most confident periods are labelled 'A' and the less confident 'B' or 'C'. In B or C periods the forecasts should be applied with more caution. Nevertheless SWT statements about relative changes between weather periods, and about how Traditional computer-based TV forecasts - when they come to be made - are likely to need modification, are still generally reliable.

CHANGES from the 8 month & 45day forecasts: Mostly minor; possibility of tropical Storm remnants is new.

AUGUST 2007 30d detail issued 31st July 07. See notes for changes from first forecast issued 8month ahead.
Unusually wet, with hail thunder. Serious risk of flooding again at all or most of recently affected areas and serious risk of floods in Lower Thames /London.

Severe (Brit Is) weather warnings: Notably wet or very wet spells, thunderstorms, floods, hail and enhanced tornado risk: **5th-9/10th, 14th-15th 18th-23rd 27th-29th** (5-9/10 & 18-23 = highest threat). **Trop Storm remnants also poss 18-23rd & 27-29th.**

Weekends AUGUST 2007: Fridays & Saturdays generally better than others. For Weekend & Sporting weather see page 5

Tropical Storm (Atlantic/Caribbean/Gulf) and NW Pacific Typhoon Formation High risk periods (Trial forecasts):
Aug 6 -9th Typhoon; 11 – 14th Trop Storm; 19-22nd Trop St poss Atlantic heading N to BI, Typhoon; 27-30th Trop St & Typhoon.

AUGUST 2007. Active Low pressures including poss tropical storm remnants at times come from the West and track through Britain. Partial blocking by higher pressure on continent at times gives periods of very heavy rain. Thundery Lows come from South at times. Nights generally not cold until later when frosts are likely in the North. Jet stream mostly to South of normal - the same solar-driven shift also causing weather extremes in other parts of World.

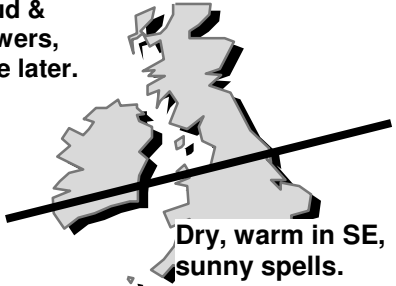
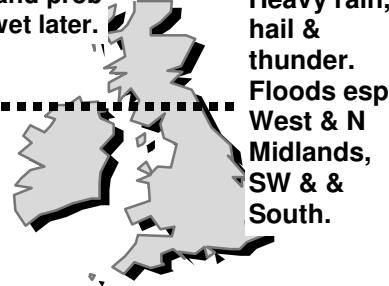
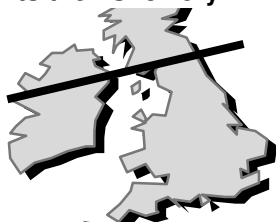

Overalls: **Rainfall:** In the 4 wettest Augusts for 100 years in many parts. Scotland less wet. **Temps:** Overall mostly below normal (by day) in England and Wales. NorthEast / Central England coolest. Scotland warmer than other parts relative to normal. **Sunshine:** Cloudy except Scotland.

Confidence: The general scenario confidence of summer months 2007 is June B, July AB, Aug A.

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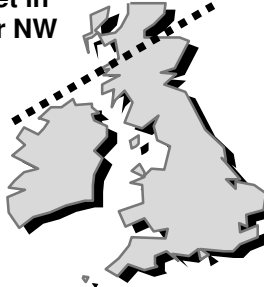

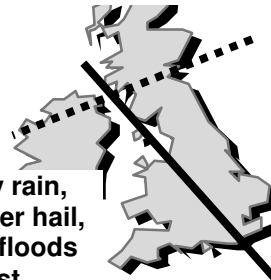

Developments through month - timing to 1 or 2 days. Likely success rate of the 8 time windows this month is about 6 or 7 successful and 1 or 2 unsuccessful.

Solar factors: EA = Enhanced frontal Activity compared with traditional meteorology. Q = Quieter (decrease of frontal activity comp with trad meteorology). NSF = No specific Solar Factors.

<p>2-4 AUG Similar rain places but less wet than 45d/8m ahead</p>	<p>5-9/10 AUG Same as 45d/8m ahead.</p>	<p>10/11-15 AUG V Simil 45d/8m, less wet in Scot. Wetter n Mids/ later.</p>	<p>15/16-17 AUG. Simil to 45day /8m.</p>
<p>Improvements to apply to TV forecasts: NSF/Q Nothing significant</p>	<p>Improvements to apply to TV forecasts: EA TOPDouble. Much more rain etc than tms</p>	<p>Improvements to apply to TV forecasts: Brief Q, then(13-15) EA ENHANCED</p>	<p>Improvements to apply to TV forecasts: Q. Less active than Tmfs</p>
<p>Cloud & showers, more later.</p>  <p>Dry, warm in SE, sunny spells.</p>	<p>Scotland prob less wet later.</p>  <p>Heavy rain, hail & thunder. Floods esp West & N Midlands, SW & South.</p>	<p>Briefly mostly dry with cold nights then showery.</p>  <p>Wet /very wet. Thunder Floods.</p>	<p>Dry and fine, warm days, cold nights. Frost possible.</p>  <p>Showers fade then briefly dry, fine and warm in Mids & SE espec</p>
<p>(NB 1st Aug showery in N/W - extension of July fc) 2-4 AUGUST. Showers & rain in North & West. Mostly dry and warm in South (espSE). Atlantic lows track through Ireland and Scotland, fronts cross most parts. More cloud later.</p>	<p>Very wet, widespread floods. Major Thunder & damaging hailstorms - Locally windy. Cool. An exceptional summer rain event. Rain could include Tropical storm remnants. Some places are likely to have 2inches of rain in one day and reach their normal monthly rainfall by the end of this period. Enhanced tornado risk - High Aurora likely.</p>	<p>10-12 Aug. Mostly Dry in Scotland /Nth. Humid, thunder, rain, floods in South. Flood problems in Southern England/ Midlands. <i>Shallow thundery Lows coming from South extensive rain.</i> 13-15 Aug. V wet, more floods, prob less wet in Scotland. <i>New deep low and sub-lows from West cross Britain.</i> Enhanced tornado risk - High Aurora likely.</p>	<p>Briefly dry and bright or sunny and becoming warm and humid in South Midlands & SouthEast. Temps of 25C in places. <i>A ridge of High pressure over most of British Isles (esp to N & SW) with Lows out in Atlantic and a shallow thundery low over France which gives brief attempts at 'Spanish pluming' in Europe.</i></p>
<p>Winds SW'ly Mod; light in South.</p>	<p>Westerly / Cyclonic, local gales near storms esp in West.</p>	<p>E/NE'ly light. Then S'ly bec cyclonic in Mids /South.</p>	<p>Prob variable / NE'ly in NorthEast; SE'ly in SouthEast; SW'ly very light in West.</p>
<p>Temps N/W Coolish; South warm</p>	<p>Cool. Nights mild</p>	<p>Cool</p>	<p>Warm in South</p>
<p>Sky N/W Cloudy, South Sunny spells</p>	<p>Dull / Cloudy</p>	<p>Cloudy</p>	<p>Fine.</p>
<p>Confidence AB</p>	<p>A. Thunder, A</p>	<p>AB. Thunder = A</p>	<p>BC Drier than previous A</p>

Developments through month - timing to 1 or 2 days. Likely success rate of the 8 time windows this month is about 7 successful and 1 unsuccessful.

Solar factors: EA = Enhanced frontal Activity compared with traditional meteorology. Q = Quieter (slow down of frontal activity comp with trad meteorology). NSF = No specific Solar Factors.

18-23 AUG v simil to 45d/8m ahead.	24-26 AUG v simil to 45d/8m fc.	27-29 AUG v simil to 45d/8m.	30-31 AUG v Simil to 45d /8m
Improvements to apply to TV forecasts: EA TOP. Notably more active than tmfs	Improvements to apply to TV forecasts: Q/NSF: brighter than TMfs	Improvements to apply to TV forecasts: EA	Improvements to apply to TV forecasts: Q/NSF Brighter than tmfs (in NW)
<p>Less wet in NW / far NW</p>  <p>Heavy rain, thunder, hail, floods. Humid. bec cool.</p>	<p>Dry cold nights – FROSTS in North. Quite warm days.</p>  <p>Showers fade then mostly dry, bright/sunny and quite warm days.</p>	<p>Probably less wet in far NW.</p>  <p>Heavy rain, thunder hail, more floods in West.</p> <p>Mostly wet /showery . variable sky. Mild bec cool.</p>	<p>Mostly Dry, (esp NW) cool, cold nights, frosts likely in Scot & NI.</p>  <p>Humid & cloudy thunder or threats of thunder.</p>
<p>Very wet. Locally strong winds, floods especially in North and West. Major Thunderstorms and hail. Cool. (EA Top level, a second exceptional summer rain event in the month)</p> <p>Some places are likely to have or 2 inches of rain in one day. Tropical storm remnants 30% likely in this period. A deep Low crosses Britain from the West with thundery subblows likely.</p> <p>Enhanced tornado risk - High</p> <p>Aurora likely.</p>	<p>Generally dry. Quite warm days. Cool nights – frosts.</p> <p>Reasonable weather for bank hol weekend (apart from ongoing flood problems).</p> <p><i>A ridge of High pressure from Nth & South/West as Low moves East into Baltic, giving some NE/ly and E'ly airflow, Lows in Atlantic but not very active.</i></p>	<p>Variable. Wet and breezy, especially in West. Cloudy. Mostly reasonably mild at first then cooler.</p> <p><i>Active Lows and sub-lows approach Britain from the West, and are likely to be temporarily blocked around 28th before tracking NE/E.</i></p> <p>Enhanced tornado risk - High</p> <p>Aurora likely.</p>	<p>Mostly dry in North. Thundery showers in channel / South.</p> <p><i>Ridge to North/ NorthWest and Thundery shallow Low in France/Channel brings humid SE/E'ly flow and thunder or threats of thunder.</i></p> <p>Poss Alternative is more N'ly flow</p>
Winds: Southerly / Cyclonic, locally strong / gales.	NE'ly mod / light / E'ly in South	S'ly/ SW'ly mod/strong/gale espec near thunderstorms and to West.	Variable / SE/E'ly light in South. N'ly in North/West.
Temps becoming cool	Warm afternoons, cold nights	Cooler later	Cooler
Sky Cloudy, brighter in Scot at times.	Mostly fine.	Thick cloud	Bright North. South Cloudy
Confidence A. Thunder =A	BC. Drier than previous= A	BC. Wet in West = A	C Thunder in Sth = B .



Detailed 30d ahead Forecast AUGUST 2007 SWT23A 30d ahead UPDATE issued 31 JULY 07 (Lb1 & matched HSΩ). Very similar to 8month ahead. First Long Range Forecast for AUGUST 07 was issued 8m ahead in DEC 06 under SWT21s

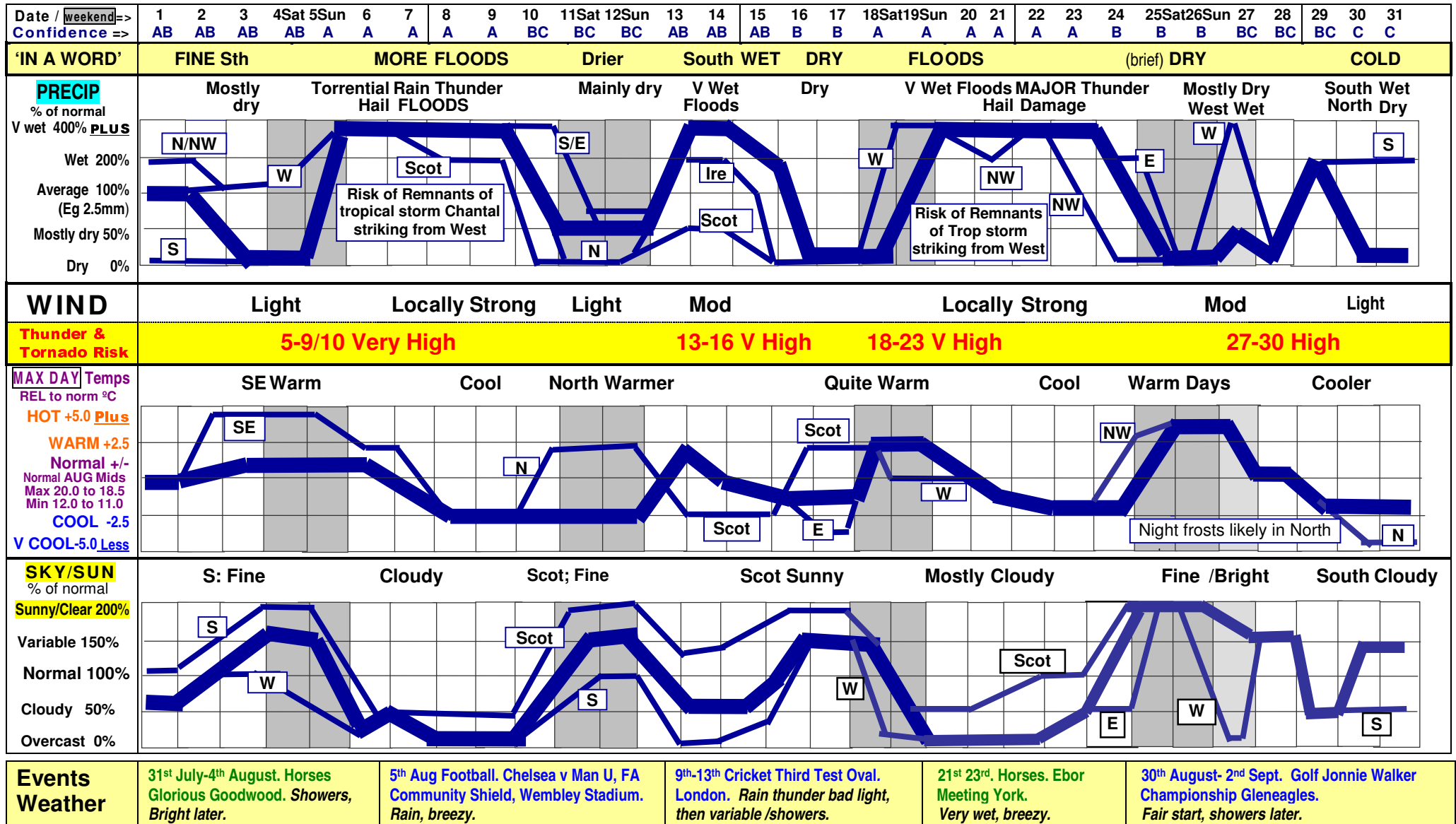
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Easy Look Forecast Graph AUG 07; 30d update. SWT23A. For changes from 8m ahead, see text. Normally accurate to 1 or 2 days.

Showing likely rain, temperature & 'brightness' levels around the dates shown, **NOT PRECISE DAILY PREDICTIONS.** Weekends & hols shaded.

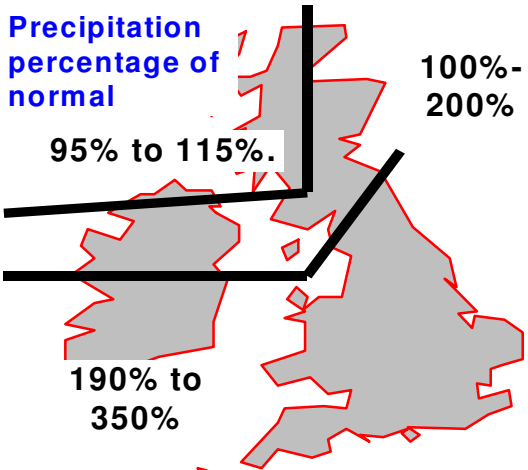
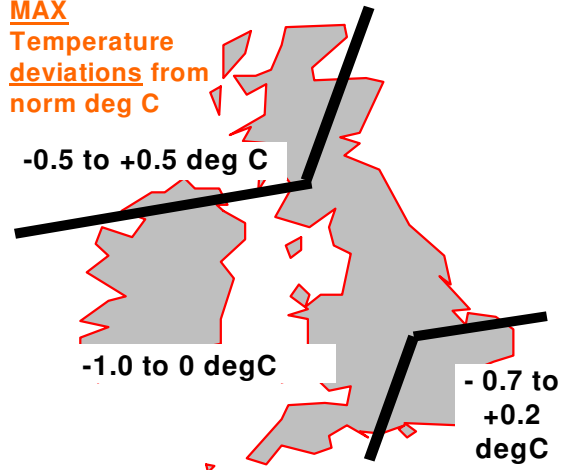
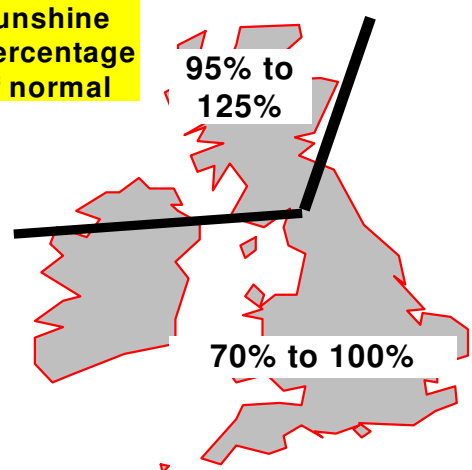
For confidence of each weather period forecast refer to Date row. For possible Alternative Scenarios ([|||||]) see notes on maps

For Solar Factor improvements to Traditional Met Short range forecasts when they become available a few days ahead of weather refer to maptables. 1961-1990 norms are standard.



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AUGUST 2007 30dUpdate SWT23A. Forecast deviations from normal (1961-90 averages).

RAINFALL	MAX TEMPERATURE	SUNSHINE
<p>Precipitation percentage of normal</p>  <p>100%-200%</p> <p>95% to 115%.</p> <p>190% to 350%</p>	<p>MAX Temperature deviations from norm deg C</p>  <p>-0.5 to +0.5 deg C</p> <p>-1.0 to 0 degC</p> <p>- 0.7 to +0.2 degC</p>	<p>Sunshine percentage of normal</p>  <p>95% to 125%</p> <p>70% to 100%</p>
<p>VERY WET. Scotland closer to normal.</p>	<p>COOL in most parts. Scotland closer to normal.</p>	<p>CLOUDY. Scotland & Nth NI closer to normal</p>

Confidence. The general scenario confidence of summer months 2007 is June B, July AB, August A. Confidence order of main parameters for **AUGUST** is: RST, i.e. SWT21s /23A is more confident of Rain and Sun than Temperature levels overall this month. This is mainly because of variable wind directions after wet spells.

Comparitive information from AUG 07
 Overalls for LR forecast issued 8 month ahead in DEC 2006 (SWT21s):
Rainfall: V wet. One of the 5 wettest Augusts for 100 years in many parts.
Temps: Overall cool in all parts, particularly by day relative to normal. Frosts likely in Scotland at times.
Sunshine: Cloudy.

The general confidences in each weather period.
 A, B, C refer to relative confidences of the general forecast statements with A most confident:
 •An 'A' forecast has approximately 85% chance of being essentially right and 15% chance of being wrong.
 •A 'B' forecast has approximately 75% chance of being essentially right and 25% chance of being wrong.
 •A 'C' forecast has approximately 65% chance of being essentially right and 35% chance of being wrong.

CONFIDENCE IN TERMS OF 'LUCK LEVELS':
 A is 55% better than luck level (which could be regarded as 78% against a luck level of 50%)
 B is 45% better than luck level (which could be regarded as 73% against a luck level of 50%)
 C is 20% better than luck level (which could be regarded as 60% against a luck level of 50%)