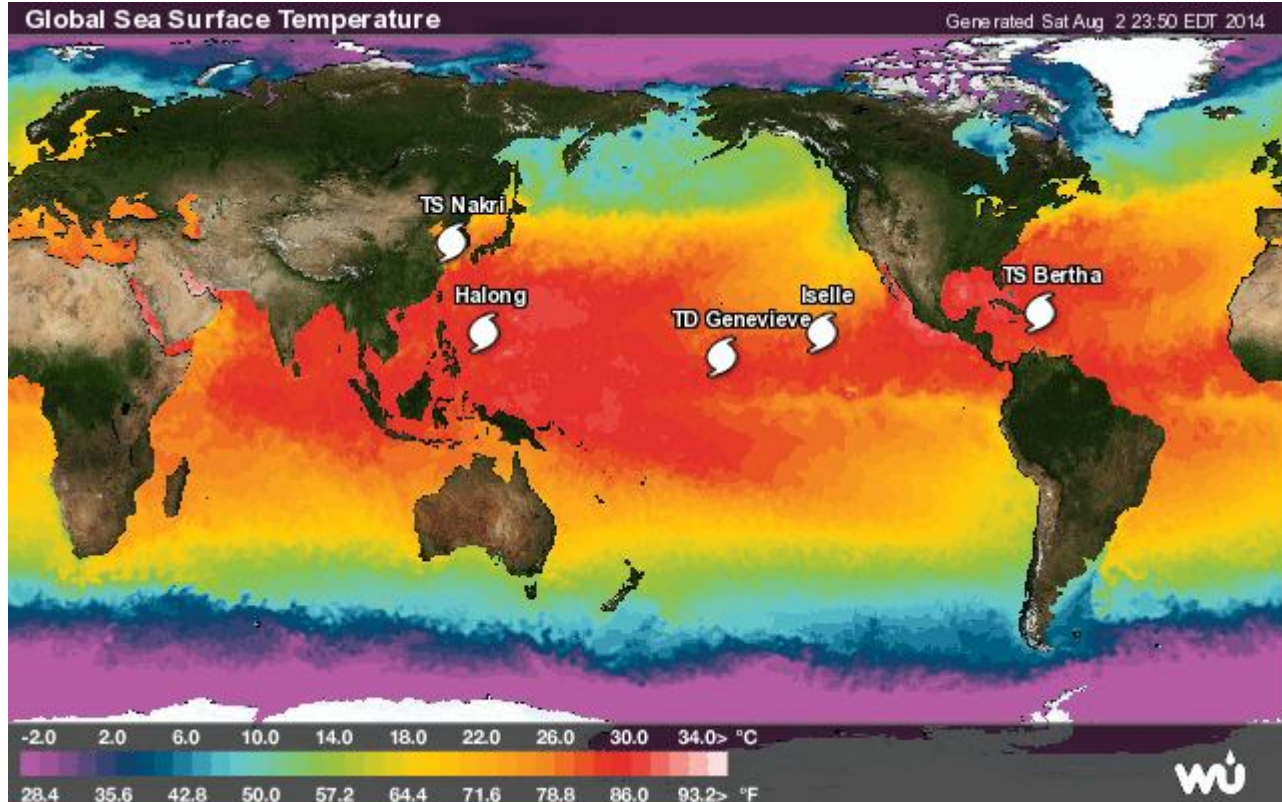


# AUG 2014 - for R & QV See page 2 for RTQ Forecast data Table

Circulated 3 Aug reproducing R periods and values already released (& QV implied, see p2) in Br+lr 45d forecast of 15 July forecast for AUGUST.

## Mind-Blowing! ALL late July – early Aug Tropical storms FOLLOW WeatherAction R4 & R5 Power-up factors



There was an astounding FIVE Tropical storms active Aug 2/3<sup>rd</sup>. ALL of them formed and powered up in the WeatherAction R4 and R5 periods which were effective during Jul 28 to Aug 2 and the one which covered both periods briefly powered DOWN in the 'No Power-up' gap!

For updating Tropical Storm map and 'co-ordinates' (for wind-speeds etc) of storms see <http://www.wunderground.com/hurricane/>

### Weather Action published R4 and R5 periods: and what happened

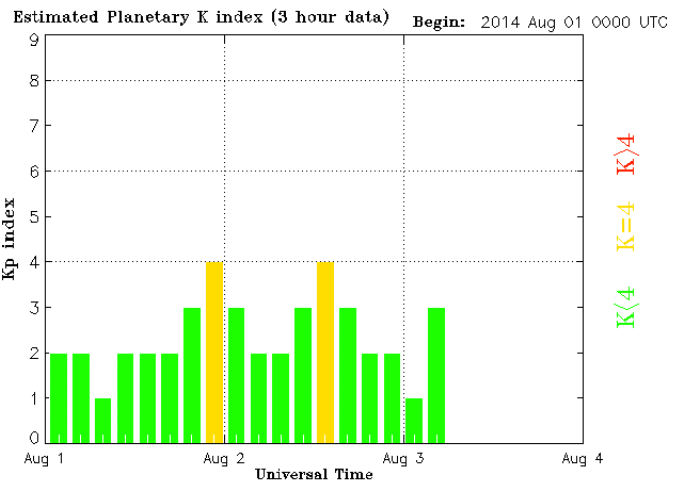
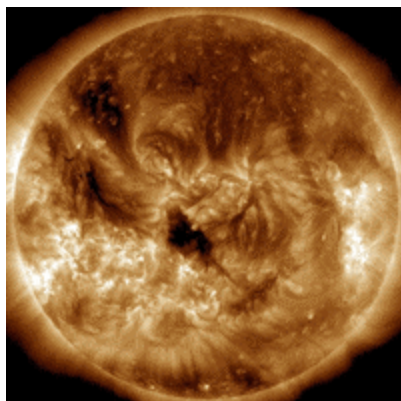
Date	Solar factor	Halong (W Pac)	Iselle (E Pac)	Bertha (Atlan)	Nakri (W Pac)	Genevieve (E Pac)
28-29 Jul	R4	Formed+Upped				
30th	Gap	Declined				
31st -2Aug	R5	Powered-Up	Formed+Upped	Formed+Upped	Formed+Upped	Formed+Upped

If you think that's amazing Tell a friend and subscribe to #WeatherAction!

See <http://spaceweather.com/archive.php?day=29&month=07&year=2014&view=view> for increase in sunspots in R4 period 28-29 July

### R5 period 31-2 Aug

There was an Earth-facing Coronal Hole (Rt) Aug 1 and extra solar active regions (Aug 1-2) and an uptick in Geomagnetic activity K index (Rt) which was due to a Coronal Mass Ejection on Aug 30<sup>th</sup>.  
 Info <http://spaceweather.com/>





**RTQ AUG 2014 Forecast & News - p2 Forecast** Periods to ~1 day.  
 Red Warnings, Thunder/Tornado/Cyclogenesis Risk & Major Earthquake/Volcanism Trial Risk  
 • With quake-volcano trial forecast clarifications. Note R or QV periods separated by 1d can 'merge'

**Circulated 3 AUG Reproducing R periods and values already first issued in Br+lr 45d forecast of 15 JUL for AUG**

**Red Weather periods, R**, – are standardized **R1 to R5** (most extreme effect) in WeatherAction Solar Lunar Action Technique. They indicate Solar-Lunar drivers of thunderstorm and related extreme events around the world. Extreme weather event risk periods such as thunder/tornado (espec USA) development & potential Tropical Storm Formation and development periods (Cyclogenesis) are consequences of these drivers and are also periods in which standard meteorology models will notably underestimate strength of deluges, thunder, snow etc in forecasts from a day or so ahead. In these periods typically standard meteorology forecast (smf) estimates of rain/snow from a day or so ahead need to be doubled (or more for **R5**). **Dates UTC (GMT)** for estimation although there are uncertainties. Forecast Maps & detailed forecasts with corresponding specific likely weather events are issued for various parts of the world. Lesser extremes ('Extra Activity') & 'Quiet periods' + likely weather scenarios are stated there.

**Major Earthquake – Volcano Trial Risk Periods, QV**, are in similar 1-5 categories as R periods, **but need not be the same as R**. **QV** Periods are largely similar to Red warning weather periods and are not specific to any particular Earthquake prone region or location. The largest Quake/volcano activity in term of intensity and prevalence (av per day) is expected in **QV5** and **QV4** periods and should include more **M6+** quakes. **QV3** may include M6+ and **QV1-2** are less likely to have such but should have some extra activity. (Nb qv notation discontinued). Some preferred earth hemispheres for major quakes are also given. **M6.0 & above earthquakes are marked Red in US Geological Survey)**  
<http://earthquake.usgs.gov/earthquakes/eqinthenews/> M6.0 is a convention. Other levels (eg M5.7+, M6.5+, M7+) may help. Results best obtained via <http://earthquake.usgs.gov/earthquakes/eqarchives/epic/> **WeatherAction Research is ongoing**

**RTQ Forecast Table AUG 2014**

R periods first produced **15 JUL** in B+l 45d. **QVs** all through **AUGUST** same as appropriate correspondence in **JULY RTQ** forecast in timing with Value as **R** except if amended and additions when new **Rs**, typos excepted. Currently **R** (Red Weather), **T** (Thunder/Tornado/Cyclogenesis) & **QV** (Quake Volcano Risk) are estimated as simultaneous but that may not always be so as researches advance.

There are continuing interesting concentrations of **Top Red, R5, R4** & Quakes Risk **QV5, QV4** and solar activity this month.

Date AUG 2014	Solar Lunar Factor Red Weather Warning	Extreme Weather Events Thunder / Tornado *Formation / Rapid Development	Cyclogenesis/ TS FRD*	Date AUG 2014	Major Earthquake + Volcano Trial Risk QV4, QV5 Tested by M6+. In R5 M6.5+ likelihood increases. QV trial forecasts under SLAT9BQV
31Jul-2 Aug	R5	Top High	Top High	31Jul-2Aug	V Major Earthquakes - Volcano M 6.5+extra risk Major Earth-facing Coronal holes &/or Active regions near central longitude solar disc likely.
4 AUG	R2	Med/Low	Med/Low	4 AUG	QV2 Med/Low Earthquakes - Volcano M 5.5+extra risk Earth-facing Coronal holes &/or Active regions near central longitude solar disc perhaps likely.
5-6 AUG	R5	Top High	Top High	5-6 AUG	QV5 V Major Earthquakes - Volcano M 6.5+extra risk Major Earth-facing Coronal holes &/or Active regions near central longitude solar disc likely.
7-8 Aug	R5	Top High	Top High	31Jul-2Aug	QV5 V Major Earthquakes - Volcano M 6.5+extra risk Major Earth-facing Coronal holes &/or Active regions near central longitude solar disc likely.
11-13 AUG	R3	Med	Med	11-13 AUG	QV3 Med-Major Earthquakes - Volcano M 5.7+extra risk Major Earth-facing Coronal holes &/or Active regions near central longitude solar disc quite likely.
18-19 AUG	R5	Top High	Top High	18-19 AUG	QV5 V Major Earthquakes - Volcano M 6.5+extra risk Major Earth-facing Coronal holes &/or Active regions near central longitude solar disc likely.
20-22 AUG	R4	High	High	20-22 AUG	QV4 Major Earthquakes - Volcano M 6.0+extra risk Major Earth-facing Coronal holes &/or Active regions near central longitude solar disc likely.
25-26 AUG	R4	High	High	25-26 AUG	QV4 Major Earthquakes - Volcano M 6.0+extra risk Major Earth-facing Coronal holes &/or Active regions near central longitude solar disc likely.
27-29 AUG	R5	Top High	Top High	12-14 JUN	QV5 V Major Earthquakes - Volcano M 6.5+extra risk Major Earth-facing Coronal holes &/or Active regions near central longitude solar disc likely.
<b>R5, (R5+R4) Fract AUG = [11, 16]/31 = 35%, 52%</b>				<b>QV5, (QV5+QV4) Fract AUG = [11, 16]/31 = 35%, 52% (31Jul not inc)</b>	

**General Red Weather Warning (R) and Quake –Volcano (QV) Solar and Geomagnetic Associated effects.**  
 All periods, especially **R4, R5**, are likely to be preceded by / include some or most of major or extra solar flare activity, Coronal holes, proton bursts, fast solar wind, increased ionospheric activity, geomagnetic storms, aurora, noctilucent clouds / sprites.

News and commentary of Weather & Earthquake Events is sent out via twitter @Piers\_Corbyn - [http://twitter.com/Piers\\_Corbyn](http://twitter.com/Piers_Corbyn) and <http://www.facebook.com/profile.php?id=100001281948141&sk=wall>, [www.WeatherAction.com](http://www.WeatherAction.com) and <http://climaterrealists.com/index.php>