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From: Piers Corbyn 07958713320 (or office above)

To The Prime Minister,  
Gordon Brown

23rd July 2007

Dear Gordon,

**Long range Severe weather warnings for late July and August:**  
**Heavy rain and Flooding to continue in England and Wales.**  
**Serious risk of flooding in London**

First my very warm congratulations to you on becoming Prime Minister.

**Weather Action's long range forecast is – contrary to advice from others - that rather than improve within a few days or early August the rain and flood crisis in England and Wales will worsen and continue for another month.**

**All or most of the areas already affected this summer will be hit again and in more detail (as we first forecast 8 months ago and re-stated last week) the coming 30days will be generally wet and the most severe periods of major rain, thunderstorms hail and further flooding in Britain will be: 22nd-26th July, 5th-9th August and 18th -23rd August. Furthermore in these periods Met Office computer models will under-estimate severity (even from only 12 hours ahead). The High tides associated with the New moon on 12<sup>th</sup> August and the Full moon on 28<sup>th</sup> August mean that with the heightened level of the Thames during and in days following these very wet periods in the South there is serious risk of flooding in London. We are at least 90% confident of these forecasts.**

Weather Action long range forecasts of spells of heavy rain and floods and associated long range warnings of when the Met Office computer models will under-estimate severity (even from only 12 hours ahead) have been correct in every case to within a day in the last two months and the significant skill of Weather Action forecasts of extreme events in the past has been independently verified in peer-reviewed publications (see 1). For reference the Special flood warnings issued by Weather Action in June and the full detailed July 07 forecast are herewith.

These levels of rain although very serious are not unprecedented (in terms of the past weather data – which may go back centuries – used to construct these forecasts). What is probably unprecedented is the increased rate of rainfall run-off from land and resulting rapid rise of river levels. This is consequent to unprecedented meddling with uplands, water courses, hedgerows, woodland and concreting over ground and other activities which drastically reduce the ability of land to hold water and ensure that heavy rain will give floods. One factor - unprecedented for over one thousand years - is the rapid motion of the magnetic north pole towards geographic north.

For the public interest and to help the authorities responsible we provide this information and trust you will circulate it. These reliable long range forecasts are specific enough, in their detailed form, to regions of the country to indicate months ahead which vulnerable areas will be threatened.

These extreme weather events will be caused by forecasted new areas of activity on the Sun and solar corona (and such were confirmed, eg, in the forecasted extreme period 24<sup>th</sup>-26<sup>th</sup> June (see 2)). The forecasts are based on predictable aspects of particle and magnetic activity from the Sun and nothing to do with CO<sub>2</sub>, or so-called man-made 'Global Warming' / 'Climate Change'. Indeed it should be noted that the Met Office and associates who propagate theories of man-made climate change forecasted (see 3) that this summer would be warm or very warm with a 1/8 likelihood of temperatures of 100°F and '*no indications of (a) particularly wet summer*'. The Weather Action forecast for summer for essentially the opposite is the weather which Britain has had.

Claims that the opposite weather to the 'Global Warmers' CO<sub>2</sub> driven actual forecast is also an example of 'an extreme' resulting from their CO<sub>2</sub> theory is absurd – and the science which is well known and published is not difficult for the public or politicians to understand. Specifically claims that these rains and floods are somehow a consequence of increased CO<sub>2</sub> or there is now 'proof' solar activity is not the key driver of weather and climate are without foundation in any terms including those of the IPCC (Intergovernmental Panel On Climate Change) (4, 5). CO<sub>2</sub> driven models suggest the track of Low pressures ('jet stream') over summer should move northwards and make Britain warmer and drier, whereas this summer it has moved substantially South. In terms of mechanisms the IPCC argue that more warmth makes more evaporation and potential for more rain which of course is true but there is no evidence that Man's CO<sub>2</sub> has caused that warming. Furthermore it means that since it is no longer getting warmer these trends must stop. {notwithstanding solar factors}. In more detail of course any extra water has to be put there (under their theory) by extra warmth and since atmospheric water vapour only stays around for on average 9 days (see 6) we need some significant extra warming in the Atlantic etc in the week leading up to and through major rain events in June and July - which we have not had. Hot weather on land in South/East Europe at present and lack of rain in Iceland and NW Scotland are a consequence of the shift South of the jet stream and associated lows moving across England into Europe, NOT a cause. Solar activity and magnetic links have shifted the jet stream further South. It is well known in published material (7) that there is a connection between the solar cycle (and we are now at a minimum of solar activity), and the position of the jet stream and all that entails. It is staggering that Sir David King, who must be aware of this, chooses not to explain it on TV but rather implies somewhat mystical causes involving CO<sub>2</sub>. The IPCC also states there is insufficient evidence to determine whether trends exist in tornadoes, hail lightning etc (Ref 4).

It is important to note that despite rising CO<sub>2</sub> levels there has been no global warming since 1998, or if you consider two year moving averages world temperatures have all been lower since the peak in 2002/03. Current weather systems are not affected by the warmth of 1998.

CO<sub>2</sub> centred theory has no power to predict. It is faith, rather than reliable science. A 'scientific' theory that cannot predict is of no practical use to the British public or mankind. The existence of unusual or even 'record' weather events itself proves nothing about cause. 'Explanation' of such extremes through belief is not evidence of cause. Consensus around faith must never replace the scientific testing of theories through prediction and observation.

**In the longer term Weather Action forecasts indicate that in the coming year there will be more extremes of weather in Britain and the world of various types but that these will decrease later due to the changing solar-magnetic situation. Specifically we also forecasted in January that – contrary to the prognosis issued by others (8) - British and World annual average (9) temperatures have peaked (Central England in 2006 and world 2yr moving averages in 2002/03), will not reach record levels this year and world temperatures will continue to decline at least until 2013.**

I very much hope you can bring some new objectivity, practicality and a realistic sense of proportion and history into this debate. There is *no evidence* in historical events or data going

back hundreds, thousands or hundreds of thousands of years that changing CO2 is or ever has been a net driver for world temperatures or climate or particular weather extreme events and I suggest this is because feedback processes negate its potential warming effects (below and 10). It is relevant for example that the world including the Arctic was substantially warmer than present at the time of the Bronze Age 4000 years ago and the general decline in temperatures since then has been accompanied by a rise (not a fall) in CO2 levels. However the IPCC Summary for Policy Makers graphs the rise of CO2 since then and does not also graph the decline in temperature over the same period (see below). When the Vikings discovered Greenland over 1000 years ago and so named it because it was farmable and milder than now CO2 levels were also lower than present. The largest known storm in European history was 'The Tempest' of 1703 of which Defoe wrote an utterly hair-raising account which makes the current English Flood crisis look like a tea party. This took place in colder conditions than now when there was less CO2. In longer terms the idea that the last two decades - which are but a pixel blip in the tapestry of known time - have effectively seen atmospheric conditions or the laws of physics change in unprecedented fashion compared with the last 10,000 or 500,000 years is without justification (11).

Those who propagate the faith that CO2 is the main driver of climate may have felt arguably justified nine years ago but since then available data, observations and theoretical advances have overtaken their theory which is now refutable. Yet rather than learn they have attempted to change the vocabulary from 'Global Warming' to 'Climate Change' because there hasn't been global warming for the last five years – temperatures have now started declining along with the 22year cycle of their solar activity magnetic driver. The phrase 'climate change' enables them to claim any extreme weather event which happens naturally as evidence of their theory.

Actual forecasts of extreme weather events are more useful than fear and hope. I trust this information can be of use in helping to cope with the ongoing flood crisis and reviewing preparations for future unusual weather events and look forward to being of further service if so called upon.

Thank you

Piers Corbyn

## FOOTNOTES:

1. The Journal of Atmospheric and Solar-Terrestrial Physics Vol 63 (2001) p29-34, Dennis Wheeler, University of Sunderland.
2. The activity on the Sun, which was part of Weather Action's predicted synchronicity of solar events and Sun-Earth magnetic linkages which led to the forecasted thunderstorms and tornadoes of 24th-26th June, showed a new active region and new sunspots in and building up to the period as predicted and announced by Piers Corbyn at the Institute Of Physics on 7th June (*Seminar 'Climate Change - a robust or flawed process?' where Professor Richard Lindzen of Massachusetts Institute Of Technology and Piers Corbyn challenged Global Warming Orthodoxy*). He also warned Wimbledon fans of impending rain (Handout of 7th June available). [SEE: [ftp://ftp.ngdc.noaa.gov/STP/GEOMAGNETIC\\_DATA/INDICES/KP\\_AP/2007.v6](ftp://ftp.ngdc.noaa.gov/STP/GEOMAGNETIC_DATA/INDICES/KP_AP/2007.v6) For sudden increase in geomagnetic activity 21/22/23 June 2007; [http://www.sec.noaa.gov/ftpdir/indices/old\\_indices/2007Q2\\_DSD.txt](http://www.sec.noaa.gov/ftpdir/indices/old_indices/2007Q2_DSD.txt) For increase in 10.7 radio flux from 23rd June and a **new active sunspot region** 25<sup>th</sup> June 07].
3. For Met Office summer forecasts for UK and reports thereof see:  
<http://www.express.co.uk/posts/view/3933>;  
<https://www.gnn.gov.uk/content/detail.asp?NewsAreaID=2&ReleaseID=277515>;  
<http://www.metoffice.gov.uk/weather/seasonal/summer2007/index.html>
4. The Summary for Policy Makers produced by the IPCC (Intergovernmental Panel On Climate Change) ([http://www.ipcc.ch/WG1\\_SPM\\_17Apr07.pdf](http://www.ipcc.ch/WG1_SPM_17Apr07.pdf)) - apart from being somewhat circumspect on the issue of rainfall and thunderstorm extremes - makes two relevant statements: (i) *Page 8 (top right) reads (concerning an observed likely late 20th century trend) "The frequency of heavy precipitation events has increased over most land areas, **consistent with warming and observed increase of atmospheric water vapour**".* This means that more warmth makes more evaporation, and warming over water is needed to get the extra evaporation. Furthermore it means that now it is no longer getting warmer these trends must stop. {notwithstanding solar factors}. (ii) *On page 9 bottom of left column: "There is **insufficient evidence to determine whether trends exist in the meridional overturning circulation (MOC) of the global ocean or in small-scale phenomena such as tornadoes, hail, lightning and dust storms...**"* (my emphasis). This means that the use of dramatic images of tornadoes and thunderstorms as evidence to back-up Global Warming Theory of extremes caused by man-made CO2 are questionable.
5. Various recent claims that supposedly disprove the connection between solar (eg particle and magnetic) activity and weather/climate are based on disingenuous selection of data and inadequate 'straw man' theories. (see eg Guardian letters 24 July 07  
<http://environment.guardian.co.uk/climatechange/story/0,,2133167,00.html> 2<sup>nd</sup> letter).
6. Hydrology: An Introduction By Wilfried Brutsaert p23
7. <http://www.gsfc.nasa.gov/topstory/20010712cloudcover.html> ,  
[http://www.aero.jussieu.fr/~sparc/SPARC2000\\_new/OralSess2/Hood/Node2.html](http://www.aero.jussieu.fr/~sparc/SPARC2000_new/OralSess2/Hood/Node2.html) , <http://www.john-daly.com/guests/jet.htm>
8. The Met Office forecast of global mean temperature for 2007, issued on 4 January 2007 in conjunction with the University of East Anglia, stated that 2007 is likely to be the warmest ever year on record going back to 1850, beating the current record set in 1998.  
<http://www.metoffice.gov.uk/corporate/pressoffice/2007/pr20070104.html> .
9. Official estimates of world temperatures:  
<http://www.cru.uea.ac.uk/cru/data/temperature/hadcrut3vgl.txt>
10. Presentation material as I made available at Institute Of Physics seminar on Climate Change Sept 7th 2007 is available / E-mailed as required. 4 slides printed herewith.
11. Even if CO2 doubles 'in an unprecedented way' its new effect would still be zero, since twice zero is zero. Anyhow the claim that CO2 has never risen so fast as recently because the present peak level appears to be higher than any in past data does not stand up. Since CO2 is a gas it diffuses through centuries of layers in ice core data (where it is estimated) and all previous rapid rises and spikes are blurred down - just like this one will be in 1,000 years time. *It is like looking through London on a foggy day and only seeing Big Ben and declaring that therefore there is only one tall building in London.*

(Information)

## **Weather Action Severe Weather Warning statement Issued 11th June**

(to reinforce long range forecast 30day ahead detail issued end May):

### **SPECIFIC SEVERE WEATHER WARNINGS AND WARNINGS OF ERRORS IN SHORT RANGE standard TV (Met Office) FORECASTS during JUNE 2007**

#### **12th-14th JUNE Rain hail and thunder. Becoming cooler in East.**

Apart from regional detail (which is 'B' level) the important point about this period is 'EA' (extra activity) level 2 which means that wherever they occur ***rain and hail and thunderstorms can be locally very heavy and threaten transport and services through flash floods, hail distress and lightning strikes. Intensities will be greater than that suggested by TV forecasts even 12 hours ahead.***

#### **20-21<sup>st</sup> JUNE Wet and windy with thunder. Widespread rain**

Apart from regional detail which is 'B' level the important point about this period is 'EA' (extra activity) level 3 which means that wherever they occur rain and (thunder) storms can be locally heavy (but probably less extreme than EA Top or level 2 time periods) and potentially threaten transport and services through winds, flash floods and lightning. **Intensities will be greater than that suggested by TV forecasts 24 hours ahead** but TV forecast underestimates of extremes in this time window will be probably less than for 12-14 and 22-26 June

#### **24th-26th JUNE Dramatic thunderstorms.**

This period is 'EA' **TOP level** which means that wherever they occur rain and hail and thunderstorms will be **locally very heavy** and threaten transport and services through flash floods and lightning strikes and hail damage and could lead - following on from the previous period - to difficulties in some personnel getting to work. **Intensities will be significantly greater than that suggested by TV forecasts even 12 hours ahead.**

Piers Corbyn, for Weather Action, 11 June 2007