

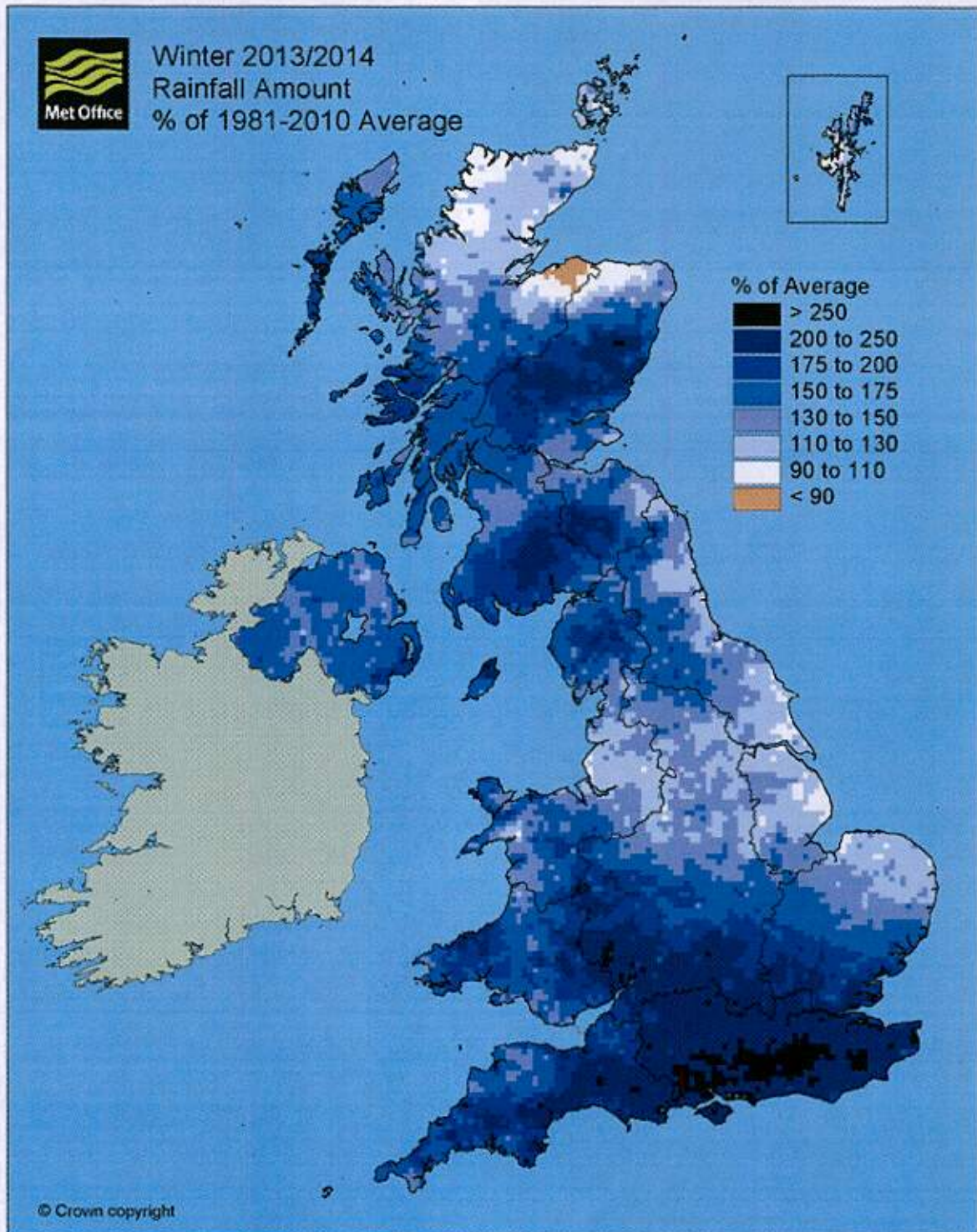
Appendix 2

According to the Met office report on the winter of 2013/2014 which I quote from <http://www.metoffice.gov.uk/climate/uk/summaries/2014/winter> :

“Winter 2014 was an exceptionally stormy season, with at least 12 major winter storms affecting the UK in two spells from mid-December to early January, and again from late January to mid-February. When considered overall, this was the stormiest period of weather experienced by the UK for at least 20 years. An [analysis of pressure fields by the University of East Anglia](#) suggests this winter has had more very severe gale days than any other winter season in a series from 1871.

The persistent heavy rainfall through the season resulted in this being the wettest winter for the UK, England, Wales and Scotland, and the equal-wettest winter for Northern Ireland in series from 1910. It was also the wettest winter in the long running England and Wales Precipitation series from 1766. There were more days of rain during the winter than any other in a series from 1961. There was major flooding with the Somerset Levels remaining underwater for much of the season, and flooding also affected large sections of the River Thames. High winds combined with high tides and tidal surges to cause dangerous conditions and considerable damage to many coastal areas, particularly in the south west of England, and Wales.

Rainfall totals in December exceeded twice the monthly average across much of south-east England and Scotland, where it was the wettest calendar month in a series from 1910. The UK overall recorded 156% of December average rainfall. In January, much of southern England recorded two to three times the average rainfall and in south-east England it was the equal-wettest calendar month in the series from 1910. The UK overall recorded 155% of January average rainfall. The wet theme continued through February which was the 3rd wettest in the series. For winter overall the UK received 165% of average rainfall. Some parts of the country had in excess of twice average winter rainfall and the region of south east and central south of England had 235% of average. “



Please note on the above rainfall amounts that The area of Rustington had in excess of 250% of the average rainfall between 1981 and 2010.

The Environment agency situation report for January 2014 stated:

“January has been exceptionally wet across many parts of England, with rainfall, flows and groundwater levels in some areas setting new records. England received 200% of the January long term average (LTA) rainfall. Significant rainfall over the month has exacerbated

flooding across many parts of England, particularly in parts of the south east and south west where monthly rainfall totals have been classed as exceptionally high. Soil moisture deficits decreased in all areas during January. Monthly mean river flows for January were above normal or higher for the time of year in all areas and exceptionally high at almost two thirds of our indicator sites. Flows at fifteen indicator sites recorded their highest monthly mean for January. Groundwater levels are exceptionally high at one third of our indicator boreholes, with three sites having levels that are the highest on record for the end of January. Half of our reported reservoir groups are full. In the other reservoir groups, stocks increased at all but one reported site during January. Storage in England as a whole is 97% of total capacity at the end of the month."