

## 20 Weather

# 20.1 District summary<sup>1</sup> for December 2008

	Air temperature (degrees celsius)									
	Highest maximum <sup>2</sup>	Lowest minimum <sup>2</sup>	Difference from average			Mean 30cm soil temperature (degrees celsius)	Raindays <sup>3</sup>	Difference from average		Sunshine (hours)
			Maximum	Minimum	Mean			Rainfall	Sunshine	
<b>December 2008</b>										
District:										
0 Scotland N	13.0	-12.6	-0.2	-0.8	-0.5	-0.1	-2	83	108	24.4
1 Scotland E	13.8	-11.3	0.0	-0.8	-0.4	-0.2	-2	91	100	35.4
2 England E & NE	13.1	-8.9	-0.4	-0.6	-0.5	-0.1	-2	83	130	56.6
3 East Anglia	13.9	-5.7	-0.7	-0.6	-0.6	0.2	-3	49	143	67.7
4 Midlands	13.5	-7.1	-0.6	-0.8	-0.7	0.0	-3	70	154	66.7
5 England SE	13.4	-7.2	-0.7	-1.1	-0.9	-0.1	-5	55	158	77.5
6 Scotland W	12.5	-8.2	-0.3	-1.2	-0.7	-0.3	-2	90	118	39.8
7 England NW & N Wales	13.5	-9.3	-0.5	-1.2	-0.8	-0.3	-1	73	141	55.1
8 England SW & S Wales	13.5	-7.4	-0.8	-1.3	-1.1	-0.6	-3	61	160	73.9
N Ireland	12.8	-6.4	-0.2	-1.2	-0.7	-0.3	-4	73	117	41.3
Scotland	13.8	-12.6	-0.2	-0.9	-0.6	-0.2	-2	87	109	32.3
England	13.9	-9.3	-0.6	-0.9	-0.8	-0.1	-3	69	148	66.9
Wales	13.9	-7.7	-0.6	-1.4	-1.0	-0.5	-2	58	155	63.4
England & Wales	13.9	-9.3	-0.6	-0.9	-0.8	-0.2	-3	66	149	66.4

Anomalies are with respect to the 1961-90 averaging period.

Maximum temperatures were generally below average and around 1 deg C. below average across parts of southern England. It was the coldest December since 1996 for England and Wales for maximum temperatures. Minimum temperatures were well below normal across almost all of the UK, by as much as 1.5 deg C. in some western areas. It was the coldest December since 1995 for N Ireland, and since 2001 for both Scotland, England and Wales. Rainfall was below or well-below normal in most areas, only around 50% of normal over parts of England and Wales, but locally 150% in eastern Scotland. Sunshine was above normal virtually everywhere, approaching double the normal amount in some parts of England.

<sup>1</sup> District values for each element are computed using all available climate stations, excluding rooftop sites for minimum air temperature. The values in the table may not be compatible with other time series (eg. Central England Temperature, England and Wales Rainfall).

<sup>2</sup> Highest maximum and lowest minimum air temperatures for each district are determined by calculating 95 percentiles.

<sup>3</sup> Raindays are the number of days during which the total precipitation is at least 0.2mm.

Source: Met Office

# 20.2 UK Annual Weather Summary

	Max Temp		Min Temp		Mean Temp		Sunshine		Rainfall	
	Actual (degrees celsius)	Anomaly (degrees celsius)	Actual (degrees celsius)	Anomaly (degrees celsius)	Actual (degrees celsius)	Anomaly (degrees celsius)	Actual (hours/day)	Anomaly (%)	Actual (mm)	Anomaly (%)
	WLRL	WLRM	WLRO	WLRP	WLRR	WLRS	WLRX	WLRV	WLSH	WLSI
1988	12.2	0.3	5.4	0.6	8.8	0.5	1 324.3	99.0	1 131.2	102.9
1989	13.1	1.2	5.5	0.7	9.3	1.0	1 563.8	116.9	1 018.5	92.6
1990	13.1	1.2	5.8	0.9	9.4	1.1	1 490.7	111.4	1 172.8	106.7
1991	12.1	0.3	5.1	0.2	8.6	0.3	1 302.0	97.3	998.2	90.8
1992	12.3	0.4	5.2	0.4	8.7	0.4	1 290.8	96.5	1 186.8	107.9
1993	11.8	-0.1	5.0	0.1	8.4	..	1 218.6	91.1	1 121.1	102.0
1994	12.4	0.5	5.5	0.6	8.9	0.6	1 366.9	102.2	1 184.7	107.7
1995	13.0	1.1	5.4	0.6	9.2	0.9	1 588.5	118.7	1 023.7	93.1
1996	11.7	-0.1	4.7	-0.1	8.2	-0.2	1 403.5	104.9	916.6	83.4
1997	13.1	1.3	5.8	1.0	9.4	1.1	1 430.3	106.9	1 024.0	93.1
1998	12.6	0.8	5.8	1.0	9.1	0.8	1 268.4	94.8	1 265.1	115.1
1999	13.0	1.1	5.9	1.0	9.4	1.1	1 419.4	106.1	1 237.2	112.5
2000	12.7	0.8	5.6	0.8	9.1	0.8	1 367.5	102.2	1 335.6	121.5
2001	12.4	0.6	5.3	0.5	8.8	0.5	1 411.9	105.5	1 049.9	95.5
2002	13.0	1.1	6.0	1.2	9.5	1.2	1 304.0	97.5	1 280.5	116.5
2003	13.5	1.6	5.6	0.7	9.5	1.2	1 587.4	118.7	901.5	82.0
2004	13.0	1.2	6.0	1.2	9.5	1.2	1 361.4	101.8	1 210.1	110.1
2005	13.1	1.2	5.9	1.1	9.5	1.1	1 399.2	104.6	1 083.0	98.4
2006	13.4	1.5	6.1	1.3	9.7	1.4	1 495.9	111.8	1 175.9	106.8
2007	13.3	1.4	6.0	1.1	9.6	1.3	1 450.7	108.4	1 197.1	108.8
2008	12.7	0.8	5.5	0.6	9.1	0.7	1 388.8	103.8	1 295.0	117.7

Anomalies are with respect to the 1961-90 averaging period.

Source: Met Office