

APPENDIX A - UKCP09 - United Kingdom Climate Change Projections for Leeds

The figures in the table below are the UKCP09 (2009) outputs from the UK Climate Impacts Programme (UKCIP) for the Humber River Basin District. The values shown are for the 25km grid square centred on Leeds.

Change Variable	Uncertainty Range	Change Factors		
		Upto 2025	2025-2055	Beyond 2055
Precipitation % Winter	Upper enhanced estimate			
	Upper end estimate	8.1%	16.4%	46.5%
	Central estimate	4.7%	11.9%	16.0%
	Lower end estimate	1.6%	7.8%	1.7%
Precipitation % Summer	Upper enhanced estimate			
	Upper end estimate	-2.4%	-13.2%	-1.4%
	Central estimate	-8.8%	-20.2%	-24.8%
	Lower end estimate	-14.9%	-26.9%	-38.8%
Precipitation % on Wettest Day - Winter	Upper enhanced estimate			
	Upper end estimate	8.2%	16.3%	43.9%
	Central estimate	4.6%	11.9%	16.8%
	Lower end estimate	1.2%	7.7%	0.5%
Precipitation % on Wettest Day - Summer	Upper enhanced estimate			
	Upper end estimate	6.4%	2.9%	16.0%
	Central estimate	-0.3%	-4.0%	-5.1%
	Lower end estimate	-6.6%	-10.5%	-17.6%
Peak River Flow %	Upper enhanced estimate	35.0%	45.0%	75.0%
	Upper end estimate	25.0%	30.0%	50.0%
	Central estimate	10.0%	15.0%	20.0%
	Lower end estimate	-5.0%	0.0%	5.0%