

**Table 2.25(a)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Belfast

Scenario and time slice	Hourly temperature ( $^{\circ}\text{C}$ ) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-3.8	-4.8	-2.8	-3.8	-1.9	-2.7	-0.6	-1.5	0.6	-0.2
2030s Medium 10%	-3.7	-4.4	-2.5	-3.4	-1.6	-2.5	-0.2	-1.1	1.1	0.4
2030s Medium 33%	-3.1	-3.9	-2.0	-2.8	-1.1	-2.0	0.3	-0.5	1.6	0.9
2030s Medium 50%	-2.7	-3.5	-1.8	-2.5	-0.9	-1.8	0.5	-0.2	1.7	1.0
2030s Medium 66%	-2.4	-3.2	-1.4	-2.1	-0.5	-1.2	0.8	0.0	2.0	1.3
2030s Medium 90%	-2.0	-2.8	-0.9	-1.5	0.0	-0.7	1.3	0.7	2.5	1.8
2030s High 10%	-3.9	-5.0	-2.7	-3.6	-1.8	-2.6	-0.4	-1.2	1.0	0.3
2030s High 33%	-3.1	-3.9	-2.0	-2.9	-1.1	-2.1	0.3	-0.4	1.6	0.9
2030s High 50%	-2.8	-3.9	-1.8	-2.7	-0.8	-1.7	0.5	-0.3	1.8	1.2
2030s High 66%	-2.3	-3.1	-1.3	-2.1	-0.4	-1.3	0.9	0.3	2.1	1.4
2030s High 90%	-1.7	-2.5	-0.7	-1.5	0.2	-0.5	1.5	0.7	2.7	2.0
2050s Medium 10%	-3.3	-3.7	-2.2	-2.9	-1.2	-1.9	0.1	-0.6	1.4	0.7
2050s Medium 33%	-2.6	-3.3	-1.6	-2.6	-0.7	-1.5	0.7	0.0	2.0	1.3
2050s Medium 50%	-2.4	-3.5	-1.3	-2.1	-0.4	-1.1	1.0	0.3	2.2	1.5
2050s Medium 66%	-1.9	-2.8	-0.9	-1.7	-0.1	-0.7	1.3	0.6	2.5	1.8
2050s Medium 90%	-1.1	-1.6	-0.1	-0.7	0.7	0.1	2.0	1.5	3.2	2.6
2050s High 10%	-3.2	-4.1	-2.1	-3.2	-1.2	-2.0	0.2	-0.5	1.5	0.9
2050s High 33%	-2.5	-3.3	-1.4	-2.2	-0.5	-1.3	0.9	0.2	2.2	1.5
2050s High 50%	-2.1	-3.0	-1.1	-1.6	-0.2	-0.8	1.2	0.5	2.4	1.8
2050s High 66%	-1.6	-2.7	-0.6	-1.3	0.2	-0.6	1.6	0.9	2.8	2.2
2050s High 90%	-0.7	-1.3	0.2	-0.4	1.1	0.5	2.5	1.8	3.7	3.1
2080s Medium 10%	-3.3	-4.3	-2.1	-3.0	-1.2	-1.9	0.2	-0.5	1.5	0.8
2080s Medium 33%	-2.3	-3.2	-1.2	-2.0	-0.4	-1.3	1.0	0.3	2.3	1.6
2080s Medium 50%	-1.7	-2.1	-0.7	-1.6	0.2	-0.6	1.5	0.9	2.8	2.1
2080s Medium 66%	-1.3	-2.1	-0.4	-1.3	0.6	0.0	1.9	1.2	3.2	2.5
2080s Medium 90%	-0.5	-1.1	0.6	0.0	1.5	0.9	2.8	2.1	4.0	3.4
2080s High 10%	-2.9	-3.8	-1.8	-2.5	-0.8	-1.7	0.7	0.0	2.1	1.3
2080s High 33%	-1.8	-2.7	-0.8	-1.6	0.1	-0.5	1.5	0.9	2.8	2.1
2080s High 50%	-1.2	-2.1	-0.2	-0.9	0.7	0.0	2.1	1.3	3.4	2.7
2080s High 66%	-0.8	-1.5	0.3	-0.3	1.2	0.4	2.6	1.9	3.8	3.2
2080s High 90%	0.5	0.0	1.6	0.9	2.5	1.8	3.9	3.2	5.2	4.6

**Table 2.25(b)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Birmingham

Scenario and time slice	Hourly temperature (°C) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-5.6	-6.4	-4.4	-5.3	-3.3	-4.2	-1.7	-2.5	-0.3	-1.1
2030s Medium 10%	-5.2	-6.5	-4.0	-5.0	-2.9	-3.8	-1.3	-2.1	0.3	-0.5
2030s Medium 33%	-4.6	-5.4	-3.4	-4.4	-2.3	-3.0	-0.7	-1.4	0.8	0.1
2030s Medium 50%	-4.4	-5.2	-3.2	-4.1	-2.1	-2.9	-0.4	-1.0	1.1	0.4
2030s Medium 66%	-3.8	-4.4	-2.6	-3.5	-1.5	-2.3	0.1	-0.6	1.5	0.8
2030s Medium 90%	-2.8	-3.8	-1.7	-2.4	-0.7	-1.3	1.0	0.4	2.4	1.7
2030s High 10%	-5.1	-5.8	-3.8	-4.5	-2.7	-3.4	-1.0	-1.6	0.6	-0.1
2030s High 33%	-4.6	-5.4	-3.3	-4.0	-2.2	-2.8	-0.5	-1.2	1.0	0.3
2030s High 50%	-4.3	-5.1	-3.0	-4.0	-1.9	-2.7	-0.3	-1.0	1.2	0.6
2030s High 66%	-4.0	-4.6	-2.8	-3.7	-1.7	-2.4	0.0	-0.7	1.5	0.7
2030s High 90%	-3.1	-3.8	-2.0	-2.8	-1.0	-1.8	0.6	-0.1	2.1	1.5
2050s Medium 10%	-4.9	-5.8	-3.6	-4.4	-2.5	-3.5	-0.8	-1.6	0.8	0.0
2050s Medium 33%	-4.1	-5.2	-2.9	-3.6	-1.9	-2.5	-0.2	-0.9	1.3	0.6
2050s Medium 50%	-3.6	-4.3	-2.4	-3.2	-1.3	-2.0	0.3	-0.3	1.8	1.1
2050s Medium 66%	-3.2	-3.9	-2.1	-2.9	-1.0	-1.8	0.6	-0.1	2.1	1.5
2050s Medium 90%	-2.1	-2.9	-0.9	-1.6	0.0	-0.7	1.5	0.9	2.9	2.3
2050s High 10%	-4.6	-5.8	-3.4	-4.5	-2.3	-3.0	-0.6	-1.3	0.9	0.3
2050s High 33%	-4.0	-4.6	-2.7	-3.3	-1.6	-2.3	0.1	-0.6	1.7	1.1
2050s High 50%	-3.4	-4.4	-2.3	-2.9	-1.2	-1.9	0.5	-0.2	2.0	1.3
2050s High 66%	-3.0	-3.9	-1.8	-2.6	-0.8	-1.5	0.9	0.2	2.3	1.7
2050s High 90%	-2.0	-2.5	-0.8	-1.4	0.2	-0.4	1.9	1.2	3.3	2.7
2080s Medium 10%	-4.5	-5.5	-3.3	-3.9	-2.2	-2.8	-0.5	-1.2	1.0	0.2
2080s Medium 33%	-3.5	-4.2	-2.2	-3.0	-1.1	-1.8	0.5	-0.3	2.1	1.5
2080s Medium 50%	-3.1	-4.0	-1.9	-2.5	-0.8	-1.6	0.9	0.2	2.4	1.7
2080s Medium 66%	-2.5	-3.0	-1.3	-1.8	-0.2	-0.8	1.5	0.8	2.9	2.3
2080s Medium 90%	-1.5	-1.9	-0.3	-1.0	0.7	0.1	2.4	1.9	3.8	3.3
2080s High 10%	-4.3	-5.2	-3.1	-3.9	-2.1	-2.8	-0.3	-1.0	1.4	0.7
2080s High 33%	-3.0	-3.9	-1.7	-2.4	-0.7	-1.3	1.1	0.5	2.7	2.0
2080s High 50%	-2.4	-3.3	-1.2	-2.1	-0.1	-0.8	1.5	0.9	3.1	2.4
2080s High 66%	-1.9	-2.6	-0.8	-1.3	0.3	-0.3	2.0	1.4	3.5	2.9
2080s High 90%	-0.4	-0.7	0.7	0.3	1.7	1.3	3.3	2.9	4.9	4.4

**Table 2.25(c)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Cardiff

Scenario and time slice	Hourly temperature ( $^{\circ}\text{C}$ ) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-4.0	-5.0	-2.8	-3.6	-1.8	-2.7	-0.3	-1.1	1.0	0.3
2030s Medium 10%	-3.4	-4.4	-2.2	-3.0	-1.2	-1.8	0.5	-0.3	1.9	1.2
2030s Medium 33%	-3.0	-3.6	-1.8	-2.6	-0.8	-1.5	0.9	0.1	2.4	1.8
2030s Medium 50%	-2.7	-3.4	-1.5	-2.2	-0.5	-1.3	1.1	0.4	2.5	1.8
2030s Medium 66%	-2.4	-3.4	-1.3	-2.2	-0.2	-1.0	1.3	0.7	2.8	2.1
2030s Medium 90%	-1.6	-2.2	-0.4	-1.2	0.5	0.0	2.1	1.3	3.4	2.8
2030s High 10%	-3.5	-4.6	-2.3	-3.2	-1.3	-2.1	0.4	-0.3	1.9	1.2
2030s High 33%	-2.7	-3.4	-1.6	-2.3	-0.6	-1.3	0.9	0.3	2.4	1.7
2030s High 50%	-2.5	-3.2	-1.3	-2.1	-0.3	-1.0	1.2	0.5	2.6	2.0
2030s High 66%	-2.1	-3.0	-1.1	-1.9	-0.1	-0.8	1.5	0.9	2.9	2.3
2030s High 90%	-1.6	-2.2	-0.4	-1.1	0.6	-0.1	2.1	1.4	3.5	2.9
2050s Medium 10%	-3.1	-3.9	-1.9	-2.7	-0.9	-1.6	0.8	0.0	2.2	1.5
2050s Medium 33%	-2.4	-3.1	-1.2	-2.1	-0.2	-0.9	1.4	0.8	2.9	2.2
2050s Medium 50%	-1.9	-2.7	-0.7	-1.4	0.2	-0.4	1.8	1.2	3.2	2.5
2050s Medium 66%	-1.6	-2.3	-0.5	-1.3	0.5	-0.1	2.0	1.4	3.4	2.8
2050s Medium 90%	-0.9	-1.6	0.2	-0.3	1.1	0.4	2.6	2.0	4.1	3.5
2050s High 10%	-3.0	-3.8	-1.9	-2.5	-0.8	-1.4	0.9	0.3	2.5	1.9
2050s High 33%	-2.2	-3.0	-0.9	-1.6	0.0	-0.8	1.6	1.0	3.0	2.4
2050s High 50%	-1.7	-2.2	-0.6	-1.5	0.5	-0.4	2.0	1.3	3.4	2.8
2050s High 66%	-1.3	-1.8	-0.2	-0.9	0.8	0.2	2.3	1.7	3.8	3.2
2050s High 90%	-0.4	-1.1	0.6	-0.1	1.6	0.9	3.2	2.6	4.6	3.9
2080s Medium 10%	-2.6	-3.4	-1.4	-2.1	-0.3	-1.0	1.4	0.7	2.8	2.1
2080s Medium 33%	-1.8	-2.6	-0.6	-1.3	0.4	-0.2	2.0	1.3	3.5	2.9
2080s Medium 50%	-1.4	-2.2	-0.3	-0.8	0.7	0.1	2.4	1.7	3.8	3.2
2080s Medium 66%	-1.0	-1.7	0.1	-0.5	1.2	0.6	2.9	2.3	4.3	3.6
2080s Medium 90%	0.1	-0.4	1.2	0.5	2.2	1.7	3.7	3.1	5.1	4.6
2080s High 10%	-2.1	-2.8	-1.0	-1.5	0.0	-0.7	1.6	0.8	3.0	2.3
2080s High 33%	-1.3	-2.1	-0.1	-0.7	1.0	0.5	2.6	2.0	4.1	3.5
2080s High 50%	-0.8	-1.5	0.4	-0.1	1.4	0.9	3.0	2.4	4.5	4.1
2080s High 66%	0.1	-0.5	1.2	0.7	2.2	1.6	3.7	3.2	5.1	4.5
2080s High 90%	1.2	0.7	2.2	1.5	3.2	2.7	4.9	4.3	6.3	5.7

**Table 2.25(d)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Edinburgh

Scenario and time slice	Hourly temperature (°C) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-5.1	-5.9	-4.0	-4.7	-3.1	-3.9	-1.7	-2.4	-1.1	-0.4
2030s Medium 10%	-4.9	-5.8	-3.8	-4.5	-2.7	-3.3	-1.2	-1.9	0.3	-0.3
2030s Medium 33%	-4.3	-5.1	-3.1	-3.9	-2.2	-2.8	-0.6	-1.3	0.7	0.0
2030s Medium 50%	-4.0	-4.7	-2.9	-3.5	-1.9	-2.4	-0.4	-0.9	1.0	0.3
2030s Medium 66%	-3.6	-4.3	-2.5	-3.2	-1.5	-2.0	-0.1	-0.7	1.3	0.6
2030s Medium 90%	-3.0	-3.7	-1.9	-2.7	-1.0	-1.6	0.5	-0.1	1.8	1.2
2030s High 10%	-4.8	-5.7	-3.6	-4.2	-2.7	-3.5	-1.2	-1.9	0.3	-0.4
2030s High 33%	-4.2	-4.9	-3.1	-3.7	-2.2	-3.0	-0.7	-1.3	0.7	0.0
2030s High 50%	-3.9	-4.4	-2.7	-3.1	-1.8	-2.3	-0.3	-0.9	1.1	0.4
2030s High 66%	-3.4	-4.0	-2.4	-2.8	-1.4	-2.0	0.1	-0.4	1.4	0.7
2030s High 90%	-2.8	-3.6	-1.6	-2.1	-0.7	-1.2	0.8	0.3	2.2	1.5
2050s Medium 10%	-4.5	-5.1	-3.4	-4.2	-2.4	-3.1	-0.9	-1.6	0.5	-0.1
2050s Medium 33%	-3.8	-4.6	-2.7	-3.5	-1.7	-2.5	-0.2	-0.9	1.1	0.4
2050s Medium 50%	-3.5	-4.1	-2.4	-3.1	-1.4	-2.3	0.1	-0.4	1.5	0.9
2050s Medium 66%	-3.0	-3.4	-1.9	-2.7	-1.0	-1.6	0.5	-0.2	1.8	1.1
2050s Medium 90%	-2.2	-2.8	-1.1	-1.8	-0.2	-0.8	1.3	0.7	2.6	2.0
2050s High 10%	-4.3	-4.9	-3.2	-3.7	-2.2	-2.8	-0.7	-1.3	0.8	0.1
2050s High 33%	-3.6	-4.1	-2.5	-3.0	-1.6	-2.2	0.0	-0.6	1.4	0.8
2050s High 50%	-3.2	-3.7	-2.1	-2.6	-1.1	-1.7	0.4	-0.2	1.8	1.3
2050s High 66%	-2.8	-3.2	-1.7	-2.1	-0.7	-1.3	0.8	0.1	2.1	1.4
2050s High 90%	-2.0	-2.6	-0.8	-1.4	0.1	-0.5	1.5	1.0	2.9	2.3
2080s Medium 10%	-4.3	-5.1	-3.1	-3.8	-2.2	-2.8	-0.6	-1.3	0.8	0.2
2080s Medium 33%	-3.3	-3.7	-2.3	-2.9	-1.3	-1.9	0.2	-0.4	1.6	0.9
2080s Medium 50%	-3.0	-3.7	-1.9	-2.3	-0.9	-1.6	0.6	0.0	2.0	1.4
2080s Medium 66%	-2.5	-2.9	-1.4	-1.9	-0.4	-1.0	1.1	0.5	2.5	1.9
2080s Medium 90%	-1.4	-1.9	-0.4	-0.9	0.6	0.0	2.0	1.4	3.4	2.8
2080s High 10%	-4.0	-4.4	-2.7	-3.2	-1.5	-2.1	0.0	-0.6	1.4	0.7
2080s High 33%	-3.0	-3.6	-1.8	-2.4	-0.8	-1.4	0.7	0.1	2.1	1.5
2080s High 50%	-2.3	-2.8	-1.2	-1.8	-0.3	-0.8	1.3	0.7	2.6	2.0
2080s High 66%	-1.7	-2.1	-0.6	-1.2	0.3	-0.3	1.8	1.3	3.2	2.6
2080s High 90%	-0.4	-0.7	0.7	0.3	1.7	1.3	3.3	2.9	4.7	4.1

**Table 2.25(e)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Glasgow

Scenario and time slice	Hourly temperature (°C) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-6.1	-6.7	-4.9	-5.2	-3.8	-4.3	-2.1	-2.5	-0.5	-1.1
2030s Medium 10%	-5.9	-6.3	-4.5	-5.0	-3.4	-3.9	-1.6	-2.0	0.1	-0.4
2030s Medium 33%	-5.3	-5.8	-3.9	-4.2	-2.8	-3.2	-1.0	-1.4	0.6	0.2
2030s Medium 50%	-5.1	-5.7	-3.7	-3.9	-2.5	-2.9	-0.8	-1.2	0.8	0.2
2030s Medium 66%	-4.5	-4.8	-3.3	-3.8	-2.2	-2.6	-0.4	-0.8	1.1	0.6
2030s Medium 90%	-3.8	-4.4	-2.6	-3.0	-1.5	-1.9	0.2	-0.2	1.7	1.3
2030s High 10%	-5.8	-6.4	-4.5	-4.9	-3.4	-3.8	-1.6	-2.0	0.1	-0.5
2030s High 33%	-5.2	-5.5	-3.9	-4.2	-2.8	-3.2	-1.0	-1.3	0.6	0.1
2030s High 50%	-4.8	-5.2	-3.5	-3.8	-2.4	-2.8	-0.6	-1.1	0.9	0.4
2030s High 66%	-4.5	-4.9	-3.2	-3.7	-2.1	-2.4	-0.3	-0.7	1.2	0.7
2030s High 90%	-3.8	-4.2	-2.5	-2.9	-1.4	-1.7	0.4	0.1	1.9	1.4
2050s Medium 10%	-5.5	-5.9	-4.1	-4.4	-2.8	-3.3	-1.0	-1.5	0.5	0.0
2050s Medium 33%	-4.8	-5.0	-3.5	-3.9	-2.3	-2.7	-0.5	-1.0	1.0	0.5
2050s Medium 50%	-4.2	-5.0	-3.0	-3.3	-1.9	-2.2	-0.2	-0.6	1.4	0.9
2050s Medium 66%	-3.8	-4.2	-2.5	-3.0	-1.4	-1.7	0.3	-0.1	1.8	1.4
2050s Medium 90%	-3.1	-3.3	-1.8	-2.2	-0.8	-1.2	0.8	0.3	2.3	1.9
2050s High 10%	-5.3	-6.0	-4.0	-4.5	-2.8	-3.1	-0.9	-1.2	0.6	0.1
2050s High 33%	-4.6	-5.0	-3.3	-3.7	-2.1	-2.4	-0.3	-0.7	1.2	0.7
2050s High 50%	-4.2	-4.5	-2.9	-3.2	-1.8	-2.1	0.0	-0.4	1.6	1.1
2050s High 66%	-3.7	-4.2	-2.4	-2.8	-1.3	-1.6	0.5	0.0	2.0	1.5
2050s High 90%	-2.8	-3.0	-1.6	-1.9	-0.5	-0.8	1.3	1.0	2.9	2.5
2080s Medium 10%	-5.2	-5.8	-3.9	-4.3	-2.7	-3.0	-1.0	-1.5	0.6	0.1
2080s Medium 33%	-4.4	-4.8	-3.0	-3.4	-1.9	-2.2	-0.1	-0.5	1.5	1.0
2080s Medium 50%	-3.9	-4.2	-2.6	-2.9	-1.5	-1.8	0.3	-0.1	1.9	1.4
2080s Medium 66%	-3.3	-3.6	-2.0	-2.3	-0.8	-1.2	0.9	0.5	2.5	2.0
2080s Medium 90%	-2.3	-2.6	-1.0	-1.3	0.1	-0.3	1.7	1.4	3.2	2.8
2080s High 10%	-4.8	-5.2	-3.4	-3.9	-2.2	-2.5	-0.4	-0.9	1.2	0.7
2080s High 33%	-3.7	-4.0	-2.4	-2.7	-1.3	-1.6	0.4	0.0	2.0	1.5
2080s High 50%	-3.1	-3.2	-1.8	-2.1	-0.7	-1.0	0.9	0.4	2.6	2.2
2080s High 66%	-2.6	-2.7	-1.3	-1.4	-0.1	-0.5	1.7	1.3	3.2	2.8
2080s High 90%	-1.3	-1.5	0.0	-0.3	1.0	0.7	2.7	2.4	4.3	3.8

**Table 2.25(f)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Leeds

Scenario and time slice	Hourly temperature (°C) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-4.3	-5.4	-3.3	-4.2	-2.4	-3.5	-1.1	-2.0	0.2	-0.6
2030s Medium 10%	-4.0	-4.9	-2.9	-3.9	-2.0	-3.1	-0.5	-1.3	0.8	0.0
2030s Medium 33%	-3.5	-4.6	-2.4	-3.2	-1.5	-2.3	-0.1	-0.9	1.3	0.5
2030s Medium 50%	-3.0	-4.1	-2.0	-2.8	-1.1	-2.0	0.3	-0.5	1.6	0.7
2030s Medium 66%	-2.7	-3.7	-1.7	-2.5	-0.8	-1.8	0.7	-0.2	2.0	1.3
2030s Medium 90%	-2.0	-2.8	-0.9	-1.6	-0.1	-0.9	1.4	0.7	2.6	1.9
2030s High 10%	-3.8	-4.8	-2.8	-3.7	-1.8	-2.7	-0.3	-1.2	1.0	0.2
2030s High 33%	-3.2	-4.6	-2.2	-3.1	-1.3	-2.3	0.2	-0.6	1.5	0.7
2030s High 50%	-2.9	-3.9	-1.9	-2.9	-1.0	-1.8	0.4	-0.4	1.7	0.9
2030s High 66%	-2.6	-3.3	-1.6	-2.6	-0.7	-1.6	0.7	-0.1	1.9	1.1
2030s High 90%	-2.0	-2.9	-0.9	-1.9	-0.1	-0.9	1.3	0.4	2.6	1.7
2050s Medium 10%	-3.5	-4.4	-2.5	-3.6	-1.6	-2.3	-0.1	-0.9	1.2	0.4
2050s Medium 33%	-2.9	-3.6	-1.8	-2.6	-0.9	-1.8	0.5	-0.3	1.8	1.0
2050s Medium 50%	-2.5	-3.4	-1.4	-2.3	-0.6	-1.4	0.8	0.0	2.2	1.4
2050s Medium 66%	-2.1	-3.0	-1.1	-1.8	-0.1	-1.0	1.3	0.7	2.7	2.0
2050s Medium 90%	-1.2	-1.9	-0.2	-0.9	0.8	0.0	2.2	1.4	3.5	2.7
2050s High 10%	-3.4	-4.4	-2.4	-3.3	-1.4	-2.3	0.0	-0.8	1.5	0.8
2050s High 33%	-2.6	-3.7	-1.6	-2.3	-0.6	-1.6	0.8	0.0	2.1	1.3
2050s High 50%	-2.2	-3.0	-1.2	-2.0	-0.3	-1.0	1.1	0.3	2.5	1.8
2050s High 66%	-1.8	-2.5	-0.8	-1.6	0.1	-0.6	1.5	0.7	2.8	2.0
2050s High 90%	-0.9	-1.5	0.2	-0.4	1.1	0.4	2.5	1.9	3.9	3.1
2080s Medium 10%	-3.1	-4.3	-2.1	-3.2	-1.1	-1.9	0.3	-0.5	1.6	0.8
2080s Medium 33%	-2.3	-3.1	-1.2	-1.8	-0.2	-1.0	1.2	0.4	2.5	1.8
2080s Medium 50%	-1.7	-2.6	-0.7	-1.4	0.2	-0.4	1.6	0.9	3.0	2.3
2080s Medium 66%	-1.5	-2.5	-0.4	-1.2	0.5	-0.5	2.0	1.4	3.4	2.7
2080s Medium 90%	-0.3	-1.2	0.7	-0.1	1.6	1.0	2.9	2.3	4.3	3.6
2080s High 10%	-3.1	-3.6	-2.1	-3.0	-1.2	-1.8	0.3	-0.4	1.8	1.1
2080s High 33%	-1.9	-2.9	-0.8	-1.6	0.1	-0.6	1.6	0.8	3.0	2.2
2080s High 50%	-1.3	-2.2	-0.3	-0.9	0.6	-0.1	2.1	1.6	3.5	2.8
2080s High 66%	-0.8	-1.7	0.2	-0.7	1.2	0.4	2.6	2.0	4.0	3.2
2080s High 90%	0.8	0.2	1.8	1.1	2.6	2.0	4.0	3.4	5.3	4.6

**Table 2.25(g)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: London

Scenario and time slice	Hourly temperature ( $^{\circ}\text{C}$ ) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-4.3	-5.4	-3.2	-4.0	-2.2	-3.2	-0.7	-1.7	0.7	-0.2
2030s Medium 10%	-3.5	-4.7	-2.4	-3.3	-1.4	-2.4	0.2	-0.6	1.7	0.8
2030s Medium 33%	-2.7	-3.8	-1.6	-2.4	-0.6	-1.5	0.9	0.1	2.3	1.5
2030s Medium 50%	-2.3	-2.9	-1.2	-2.0	-0.2	-1.0	1.3	0.4	2.8	2.0
2030s Medium 66%	-2.0	-3.0	-0.8	-1.7	0.2	-0.7	1.6	0.8	3.1	2.4
2030s Medium 90%	-1.0	-1.7	0.2	-0.8	1.1	0.5	2.7	2.0	4.1	3.4
2030s High 10%	-3.8	-4.9	-2.6	-3.5	-1.6	-2.7	0.0	-0.9	1.5	0.7
2030s High 33%	-3.3	-4.2	-2.0	-3.1	-1.1	-2.0	0.5	-0.4	1.9	1.1
2030s High 50%	-2.9	-4.0	-1.8	-2.7	-0.8	-1.6	0.8	0.0	2.2	1.4
2030s High 66%	-2.6	-3.4	-1.5	-2.3	-0.5	-1.3	1.0	0.2	2.5	1.7
2030s High 90%	-1.8	-2.7	-0.8	-1.5	0.2	-0.6	1.7	0.9	3.1	2.4
2050s Medium 10%	-4.1	-5.4	-2.9	-4.0	-1.8	-2.7	-0.3	-1.1	1.2	0.4
2050s Medium 33%	-3.5	-4.6	-2.3	-3.3	-1.2	-2.1	0.3	-0.5	1.8	1.0
2050s Medium 50%	-2.9	-3.6	-1.8	-2.8	-0.8	-1.6	0.7	-0.1	2.1	1.3
2050s Medium 66%	-2.6	-3.7	-1.4	-2.4	-0.4	-1.2	1.1	0.3	2.5	1.7
2050s Medium 90%	-1.8	-2.7	-0.6	-1.4	0.3	-0.4	1.8	1.1	3.3	2.5
2050s High 10%	-3.3	-5.7	-2.2	-2.2	-1.2	-1.2	0.5	-2.5	1.9	1.9
2050s High 33%	-2.6	-3.2	-1.4	-3.2	-0.4	-0.4	1.2	1.2	2.7	2.3
2050s High 50%	-2.2	-2.2	-1.0	-1.4	0.0	-0.2	1.6	-0.4	3.0	2.9
2050s High 66%	-1.7	-3.5	-0.7	-0.8	0.3	0.2	1.9	0.5	3.3	2.2
2050s High 90%	-0.7	-0.7	0.5	-1.0	1.4	1.4	3.0	1.9	4.4	4.4
2080s Medium 10%	-3.1	-3.9	-1.9	-2.9	-0.8	-1.6	0.7	-0.1	2.2	1.3
2080s Medium 33%	-2.3	-3.0	-1.1	-2.1	-0.1	-1.0	1.5	0.7	3.1	2.3
2080s Medium 50%	-1.7	-2.4	-0.6	-1.2	0.4	-0.5	2.0	1.2	3.5	2.7
2080s Medium 66%	-1.4	-2.0	-0.2	-0.9	0.8	0.2	2.4	1.7	3.9	3.2
2080s Medium 90%	-0.2	-0.8	1.0	0.5	2.0	1.5	3.6	2.9	5.0	4.3
2080s High 10%	-3.0	-4.0	-1.9	-2.8	-0.8	-1.7	0.8	0.0	2.4	1.7
2080s High 33%	-1.9	-2.3	-0.5	-1.3	0.6	-0.3	2.2	1.4	3.6	2.8
2080s High 50%	-1.1	-1.6	0.0	-0.8	1.0	0.1	2.6	2.0	4.1	3.4
2080s High 66%	-0.6	-1.2	0.5	-0.3	1.5	0.9	3.0	2.3	4.5	3.8
2080s High 90%	0.7	0.2	1.9	1.4	2.9	2.5	4.5	4.1	6.0	5.4

**Table 2.25(h)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Manchester

Scenario and time slice	Hourly temperature (°C) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-4.6	-5.5	-3.5	-4.5	-2.6	-3.4	-1.1	-1.8	0.3	-0.5
2030s Medium 10%	-4.3	-5.3	-3.1	-3.9	-2.1	-3.0	-0.5	-1.3	1.0	0.2
2030s Medium 33%	-3.8	-4.8	-2.6	-3.3	-1.6	-2.3	0.0	-0.6	1.5	0.8
2030s Medium 50%	-3.4	-4.1	-2.3	-3.0	-1.3	-2.0	0.3	-0.4	1.8	1.1
2030s Medium 66%	-3.1	-3.9	-2.0	-2.6	-1.0	-1.7	0.6	-0.1	2.0	1.3
2030s Medium 90%	-2.5	-3.0	-1.5	-2.3	-0.5	-1.1	1.0	0.4	2.4	1.7
2030s High 10%	-4.2	-5.0	-3.0	-3.9	-1.9	-2.7	-0.3	-1.0	1.2	0.5
2030s High 33%	-3.6	-4.4	-2.4	-3.0	-1.4	-2.0	0.1	-0.5	1.5	0.8
2030s High 50%	-3.3	-3.9	-2.2	-2.8	-1.2	-2.0	0.4	-0.2	1.8	1.1
2030s High 66%	-3.0	-3.9	-1.9	-2.5	-0.9	-1.5	0.6	-0.1	2.1	1.4
2030s High 90%	-2.3	-3.0	-1.2	-2.0	-0.2	-0.9	1.3	0.6	2.7	2.0
2050s Medium 10%	-3.8	-4.3	-2.7	-3.2	-1.6	-2.3	-0.2	-0.9	1.3	0.5
2050s Medium 33%	-3.2	-3.9	-2.1	-2.8	-1.1	-1.8	0.5	-0.2	2.0	1.2
2050s Medium 50%	-2.9	-3.5	-1.8	-2.5	-0.8	-1.4	0.7	0.0	2.2	1.5
2050s Medium 66%	-2.5	-3.0	-1.4	-2.2	-0.4	-1.0	1.1	0.4	2.6	1.9
2050s Medium 90%	-1.9	-2.4	-0.8	-1.4	0.1	-0.5	1.8	1.1	3.2	2.5
2050s High 10%	-3.6	-4.4	-2.5	-3.2	-1.5	-2.3	0.1	-0.6	1.6	0.9
2050s High 33%	-3.0	-3.7	-1.9	-2.5	-0.9	-1.6	0.7	0.1	2.2	1.6
2050s High 50%	-2.6	-3.5	-1.5	-2.2	-0.5	-1.2	1.1	0.5	2.5	1.8
2050s High 66%	-2.2	-3.0	-1.0	-1.7	0.0	-0.7	1.5	0.8	3.0	2.3
2050s High 90%	-1.5	-2.1	-0.3	-0.9	0.7	0.1	2.2	1.5	3.6	3.0
2080s Medium 10%	-3.6	-4.3	-2.4	-3.2	-1.3	-2.1	0.3	-0.3	1.7	0.9
2080s Medium 33%	-2.6	-3.5	-1.5	-2.1	-0.4	-1.0	1.2	0.5	2.6	2.0
2080s Medium 50%	-2.2	-3.0	-1.0	-1.5	0.1	-0.6	1.6	1.0	3.0	2.3
2080s Medium 66%	-1.7	-2.3	-0.6	-1.2	0.4	-0.2	2.0	1.4	3.5	2.9
2080s Medium 90%	-0.6	-1.1	0.6	0.1	1.6	1.0	3.1	2.5	4.4	3.7
2080s High 10%	-2.9	-3.9	-1.8	-2.5	-0.8	-1.5	0.9	0.3	2.3	1.7
2080s High 33%	-2.1	-2.5	-0.9	-1.5	0.1	-0.6	1.7	1.1	3.2	2.6
2080s High 50%	-1.3	-2.1	-0.4	-1.1	0.6	0.0	2.2	1.5	3.7	3.0
2080s High 66%	-0.9	-1.6	0.3	-0.2	1.2	0.6	2.8	2.3	4.2	3.7
2080s High 90%	0.1	-0.4	1.2	0.6	2.2	1.7	3.8	3.3	5.2	4.6



**Table 2.25(i)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Newcastle

Scenario and time slice	Hourly temperature ( $^{\circ}\text{C}$ ) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-3.4	-4.2	-2.5	-3.5	-1.7	-2.7	-0.5	-1.5	0.7	-0.2
2030s Medium 10%	-3.2	-4.3	-2.1	-3.1	-1.3	-2.3	0.0	-0.8	1.2	0.3
2030s Medium 33%	-2.5	-3.6	-1.6	-2.6	-0.8	-1.9	0.5	-0.4	1.7	0.8
2030s Medium 50%	-2.3	-3.4	-1.4	-2.6	-0.6	-1.5	0.7	-0.2	1.9	1.0
2030s Medium 66%	-1.9	-2.7	-1.0	-2.0	-0.2	-0.9	1.1	0.2	2.3	1.4
2030s Medium 90%	-1.4	-2.2	-0.4	-1.3	0.3	-0.6	1.6	0.8	2.8	1.9
2030s High 10%	-3.1	-4.0	-2.2	-3.2	-1.4	-2.5	-0.1	-1.0	1.2	0.3
2030s High 33%	-2.5	-3.7	-1.6	-2.7	-0.7	-1.6	0.5	-0.4	1.7	0.7
2030s High 50%	-2.1	-3.1	-1.2	-2.1	-0.4	-1.4	0.8	0.0	2.0	1.2
2030s High 66%	-1.9	-2.8	-1.0	-1.8	-0.1	-0.9	1.2	0.3	2.4	1.5
2030s High 90%	-1.2	-2.2	-0.3	-1.1	0.5	-0.3	1.8	0.8	3.0	2.2
2050s Medium 10%	-2.8	-3.7	-1.8	-2.7	-1.0	-1.8	0.2	-0.8	1.5	0.6
2050s Medium 33%	-2.2	-3.0	-1.2	-2.4	-0.4	-1.4	0.9	0.1	2.1	1.2
2050s Medium 50%	-1.9	-2.9	-0.9	-2.0	-0.1	-1.1	1.1	0.3	2.3	1.4
2050s Medium 66%	-1.4	-2.6	-0.5	-1.7	0.4	-0.5	1.6	0.7	2.7	1.7
2050s Medium 90%	-0.8	-1.7	0.2	-0.7	1.0	0.2	2.3	1.4	3.5	2.7
2050s High 10%	-2.6	-3.5	-1.6	-2.7	-0.8	-1.8	0.5	-0.5	1.7	0.8
2050s High 33%	-1.9	-2.8	-1.0	-1.8	-0.2	-1.1	1.1	0.3	2.3	1.4
2050s High 50%	-1.6	-2.3	-0.7	-1.6	0.1	-0.9	1.4	0.6	2.6	1.6
2050s High 66%	-1.2	-2.4	-0.2	-1.4	0.6	-0.4	1.8	0.8	3.0	2.1
2050s High 90%	-0.2	-1.3	0.7	-0.2	1.4	0.6	2.7	1.9	4.0	3.0
2080s Medium 10%	-2.7	-3.9	-1.7	-2.8	-0.9	-1.9	0.4	-0.5	1.6	0.7
2080s Medium 33%	-1.7	-2.9	-0.7	-1.5	0.1	-0.8	1.4	0.5	2.6	1.6
2080s Medium 50%	-1.3	-2.0	-0.4	-1.3	0.4	-0.4	1.7	0.9	2.9	2.0
2080s Medium 66%	-0.8	-1.8	0.1	-0.5	0.9	0.1	2.2	1.3	3.4	2.6
2080s Medium 90%	0.2	-0.6	1.1	0.2	1.9	1.1	3.1	2.3	4.2	3.3
2080s High 10%	-2.3	-3.5	-1.3	-2.5	-0.3	-1.0	1.0	0.2	2.2	1.4
2080s High 33%	-1.3	-2.2	-0.4	-1.3	0.5	-0.4	1.8	0.9	3.1	2.2
2080s High 50%	-0.7	-1.5	0.3	-0.8	1.1	0.3	2.4	1.5	3.6	2.7
2080s High 66%	-0.2	-1.1	0.8	-0.3	1.6	0.7	3.0	2.2	4.2	3.2
2080s High 90%	1.2	0.1	2.1	1.6	3.0	2.3	4.3	3.6	5.6	4.9

**Table 2.25(j)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Norwich

Scenario and time slice	Hourly temperature (°C) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-4.4	-5.4	-3.3	-4.1	-2.5	-3.1	-1.1	-1.8	0.2	-0.5
2030s Medium 10%	-3.9	-4.6	-2.9	-3.7	-2.0	-2.7	-0.6	-1.2	0.7	0.0
2030s Medium 33%	-3.4	-4.3	-2.3	-2.9	-1.4	-2.1	0.0	-0.6	1.4	0.8
2030s Medium 50%	-3.1	-3.8	-2.1	-2.9	-1.1	-1.8	0.3	-0.3	1.6	1.0
2030s Medium 66%	-2.6	-3.2	-1.6	-2.2	-0.6	-1.1	0.8	0.2	2.1	1.5
2030s Medium 90%	-1.8	-2.4	-0.7	-1.2	0.3	-0.4	1.6	1.1	2.9	2.3
2030s High 10%	-3.6	-4.5	-2.5	-3.2	-1.7	-2.4	-0.2	-0.9	1.1	0.6
2030s High 33%	-3.2	-3.8	-2.2	-2.8	-1.3	-2.2	0.1	-0.6	1.5	0.9
2030s High 50%	-2.9	-3.7	-1.9	-2.7	-1.0	-1.7	0.4	-0.2	1.7	1.2
2030s High 66%	-2.6	-3.2	-1.6	-2.2	-0.7	-1.3	0.7	0.0	2.0	1.3
2030s High 90%	-1.9	-2.5	-1.0	-1.7	-0.1	-0.8	1.3	0.8	2.6	2.1
2050s Medium 10%	-3.5	-4.3	-2.4	-3.1	-1.5	-2.1	-0.1	-0.7	1.2	0.6
2050s Medium 33%	-2.8	-3.4	-1.8	-2.6	-0.9	-1.6	0.5	-0.2	1.9	1.3
2050s Medium 50%	-2.4	-3.0	-1.3	-2.0	-0.5	-1.1	1.0	0.4	2.3	1.7
2050s Medium 66%	-2.1	-3.0	-1.0	-1.8	-0.1	-0.7	1.3	0.8	2.6	2.0
2050s Medium 90%	-0.9	-1.5	0.1	-0.5	1.0	0.4	2.3	1.7	3.6	3.0
2050s High 10%	-3.2	-4.0	-2.2	-2.9	-1.3	-1.9	0.1	-0.6	1.5	0.9
2050s High 33%	-2.5	-3.4	-1.4	-1.8	-0.5	-1.2	0.9	0.2	2.2	1.6
2050s High 50%	-2.2	-2.7	-1.2	-1.9	-0.2	-0.8	1.2	0.5	2.5	1.9
2050s High 66%	-1.9	-2.5	-0.8	-1.5	0.0	-0.7	1.4	0.9	2.8	2.2
2050s High 90%	-0.6	-1.2	0.3	-0.2	1.2	0.6	2.6	2.0	3.9	3.3
2080s Medium 10%	-3.1	-3.8	-2.0	-2.9	-1.1	-1.9	0.2	-0.5	1.6	0.9
2080s Medium 33%	-2.2	-3.0	-1.1	-1.8	-0.2	-0.9	1.2	0.5	2.5	1.9
2080s Medium 50%	-1.8	-2.4	-0.8	-1.4	0.1	-0.6	1.6	1.0	2.9	2.4
2080s Medium 66%	-1.3	-2.0	-0.3	-0.9	0.7	0.1	2.1	1.6	3.4	2.8
2080s Medium 90%	0.0	-0.5	1.1	0.8	1.9	1.3	3.3	2.7	4.6	4.1
2080s High 10%	-3.1	-4.1	-2.1	-2.9	-1.0	-1.7	0.5	-0.2	1.8	1.2
2080s High 33%	-1.8	-2.2	-0.8	-1.7	0.3	-0.3	1.8	1.4	3.1	2.5
2080s High 50%	-1.2	-1.8	-0.1	-0.6	0.8	0.1	2.2	1.6	3.6	3.0
2080s High 66%	-0.7	-1.3	0.3	-0.3	1.2	0.7	2.6	2.0	3.9	3.3
2080s High 90%	0.8	0.4	1.9	1.4	2.9	2.5	4.3	3.8	5.7	5.2

**Table 2.25(k)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Nottingham

Scenario and time slice	Hourly temperature ( $^{\circ}\text{C}$ ) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-4.9	-5.9	-3.9	-4.6	-3.0	-3.7	-1.5	-2.3	-0.2	-1.0
2030s Medium 10%	-4.7	-5.7	-3.5	-4.1	-2.6	-3.4	-1.1	-1.8	0.3	-0.5
2030s Medium 33%	-4.0	-4.9	-3.0	-3.9	-2.0	-2.8	-0.5	-1.3	0.8	0.1
2030s Medium 50%	-3.7	-4.4	-2.6	-3.5	-1.7	-2.5	-0.2	-0.9	1.2	0.5
2030s Medium 66%	-3.3	-4.0	-2.2	-2.9	-1.3	-2.0	0.2	-0.5	1.6	0.9
2030s Medium 90%	-2.5	-3.2	-1.3	-2.2	-0.3	-0.9	1.1	0.4	2.5	1.8
2030s High 10%	-4.3	-5.2	-3.3	-4.0	-2.3	-3.1	-0.8	-1.6	0.7	0.0
2030s High 33%	-3.9	-4.8	-2.8	-3.7	-1.9	-2.7	-0.3	-1.0	1.1	0.4
2030s High 50%	-3.5	-4.1	-2.5	-3.2	-1.5	-2.3	0.0	-0.7	1.3	0.6
2030s High 66%	-3.3	-4.1	-2.3	-3.0	-1.3	-2.0	0.1	-0.6	1.5	0.8
2030s High 90%	-2.6	-3.3	-1.7	-2.4	-0.7	-1.2	0.8	0.1	2.2	1.6
2050s Medium 10%	-4.1	-5.0	-2.9	-3.8	-2.0	-2.8	-0.5	-1.2	0.8	0.0
2050s Medium 33%	-3.4	-4.2	-2.4	-3.3	-1.5	-2.2	0.0	-0.7	1.4	0.8
2050s Medium 50%	-3.0	-3.9	-2.0	-2.8	-1.0	-1.7	0.4	-0.2	1.8	1.1
2050s Medium 66%	-2.7	-3.4	-1.6	-2.4	-0.7	-1.2	0.8	0.2	2.2	1.6
2050s Medium 90%	-1.7	-2.4	-0.6	-1.1	0.4	-0.2	1.8	1.1	3.1	2.4
2050s High 10%	-4.0	-4.6	-2.9	-3.7	-1.9	-2.7	-0.3	-1.0	1.1	0.6
2050s High 33%	-3.1	-4.0	-2.0	-2.8	-1.1	-1.8	0.4	-0.3	1.8	1.1
2050s High 50%	-2.9	-3.7	-1.8	-2.5	-0.8	-1.4	0.7	0.1	2.1	1.5
2050s High 66%	-2.5	-3.1	-1.4	-1.8	-0.4	-1.1	1.0	0.2	2.4	1.8
2050s High 90%	-1.4	-2.1	-0.3	-0.9	0.6	0.0	2.2	1.6	3.5	2.9
2080s Medium 10%	-3.7	-4.8	-2.6	-3.5	-1.7	-2.4	-0.2	-0.9	1.3	0.5
2080s Medium 33%	-2.8	-3.8	-1.8	-2.4	-0.8	-1.4	0.6	-0.2	2.1	1.5
2080s Medium 50%	-2.4	-3.0	-1.3	-2.0	-0.3	-0.9	1.2	0.6	2.6	2.1
2080s Medium 66%	-2.1	-2.9	-1.0	-1.4	0.0	-0.7	1.5	0.9	2.9	2.3
2080s Medium 90%	-0.8	-1.1	0.3	-0.4	1.3	0.8	2.7	2.1	4.0	3.5
2080s High 10%	-3.6	-4.7	-2.5	-3.4	-1.6	-2.4	0.0	-0.7	1.4	0.8
2080s High 33%	-2.4	-3.1	-1.3	-2.1	-0.2	-0.9	1.3	0.6	2.7	2.1
2080s High 50%	-1.9	-2.4	-0.8	-1.6	0.2	-0.5	1.7	1.2	3.1	2.5
2080s High 66%	-1.4	-2.0	-0.3	-1.0	0.6	0.1	2.1	1.5	3.5	2.9
2080s High 90%	0.0	-0.6	1.1	0.5	2.0	1.4	3.5	2.9	4.9	4.4

**Table 2.25(l)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Plymouth

Scenario and time slice	Hourly temperature (°C) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-1.9	-3.7	-0.8	-2.2	0.1	-1.1	1.5	0.3	2.8	1.7
2030s Medium 10%	-1.5	-2.7	-0.3	-1.3	0.7	-0.5	2.2	1.0	3.6	2.5
2030s Medium 33%	-0.9	-2.7	0.3	-1.1	1.2	0.0	2.7	1.6	4.1	3.1
2030s Medium 50%	-0.6	-1.8	0.5	-0.9	1.5	0.5	3.0	1.9	4.3	3.3
2030s Medium 66%	-0.3	-1.6	0.7	-0.9	1.7	0.4	3.2	2.0	4.5	3.4
2030s Medium 90%	0.4	-0.7	1.4	0.3	2.4	1.4	3.9	2.9	5.1	4.0
2030s High 10%	-1.5	-2.9	-0.4	-1.6	0.7	-0.7	2.2	1.1	3.6	2.5
2030s High 33%	-0.7	-1.8	0.4	-1.2	1.4	0.1	2.8	1.7	4.2	3.2
2030s High 50%	-0.5	-1.9	0.6	-0.6	1.6	0.3	3.1	1.9	4.4	3.2
2030s High 66%	-0.2	-1.5	0.9	-0.4	1.8	0.5	3.3	2.3	4.7	3.7
2030s High 90%	0.5	-0.6	1.5	0.5	2.5	1.4	4.1	2.8	5.3	4.2
2050s Medium 10%	-1.0	-2.2	0.1	-1.2	1.1	-0.2	2.6	1.4	3.9	2.8
2050s Medium 33%	-0.3	-1.5	0.8	-0.6	1.8	0.5	3.2	2.1	4.6	3.5
2050s Medium 50%	0.1	-1.1	1.1	-0.1	2.0	1.0	3.5	2.4	4.8	3.6
2050s Medium 66%	0.3	-0.9	1.4	0.3	2.3	1.1	3.8	2.7	5.1	4.0
2050s Medium 90%	1.0	-0.1	2.0	0.7	2.9	1.7	4.3	3.2	5.6	4.6
2050s High 10%	-0.7	-2.1	0.4	-0.8	1.4	0.4	3.0	1.9	4.4	3.4
2050s High 33%	-0.1	-1.3	1.0	-0.2	2.0	0.8	3.5	2.3	4.8	3.6
2050s High 50%	0.4	-0.8	1.5	0.0	2.4	1.5	3.8	2.8	5.2	4.2
2050s High 66%	0.7	-0.4	1.8	0.8	2.7	1.6	4.2	3.1	5.5	4.6
2050s High 90%	1.6	0.3	2.7	1.7	3.6	2.4	4.9	3.8	6.2	5.2
2080s Medium 10%	-0.5	-1.9	0.6	-0.9	1.6	0.1	3.1	2.1	4.4	3.3
2080s Medium 33%	0.3	-0.9	1.5	0.3	2.4	1.2	3.9	2.8	5.2	4.0
2080s Medium 50%	0.7	-0.4	1.8	0.7	2.8	1.7	4.2	3.3	5.5	4.5
2080s Medium 66%	1.1	-0.2	2.2	1.0	3.1	2.2	4.6	3.5	6.0	4.9
2080s Medium 90%	2.2	1.1	3.2	2.3	4.1	3.0	5.5	4.5	6.8	5.8
2080s High 10%	-0.2	-1.5	1.0	0.0	1.9	1.0	3.3	2.2	4.7	3.7
2080s High 33%	0.8	-0.1	1.9	0.8	2.8	1.7	4.4	3.2	5.8	4.7
2080s High 50%	1.2	0.1	2.4	1.2	3.3	2.3	4.9	4.0	6.2	5.2
2080s High 66%	2.0	0.9	3.1	2.1	4.0	3.1	5.4	4.5	6.8	5.7
2080s High 90%	3.1	2.1	4.2	3.1	5.1	4.2	6.6	5.7	7.9	6.9

**Table 2.25(m)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Southampton

Scenario and time slice	Hourly temperature ( $^{\circ}\text{C}$ ) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-3.5	-4.8	-2.4	-3.5	-1.5	-2.6	0.0	-1.0	1.4	0.5
2030s Medium 10%	-3.4	-4.6	-2.2	-3.3	-1.1	-2.1	0.5	-0.4	2.1	1.2
2030s Medium 33%	-2.6	-3.5	-1.4	-2.5	-0.4	-1.2	1.1	0.2	2.6	1.7
2030s Medium 50%	-2.3	-3.1	-1.1	-1.9	-0.1	-1.0	1.5	0.7	2.9	2.0
2030s Medium 66%	-1.9	-2.6	-0.7	-1.6	0.3	-0.6	1.8	0.9	3.3	2.5
2030s Medium 90%	-1.0	-1.9	0.1	-0.7	1.2	0.4	2.7	1.9	4.1	3.3
2030s High 10%	-2.9	-3.8	-1.7	-2.6	-0.7	-1.6	0.9	-0.1	2.3	1.4
2030s High 33%	-2.4	-3.6	-1.2	-2.3	-0.2	-1.0	1.3	0.4	2.8	1.9
2030s High 50%	-2.1	-2.9	-1.0	-2.0	0.0	-0.8	1.6	0.7	3.0	2.2
2030s High 66%	-1.8	-3.0	-0.6	-1.6	0.4	-0.6	1.9	1.0	3.3	2.5
2030s High 90%	-1.1	-1.9	0.0	-0.8	1.1	0.2	2.6	1.8	4.0	3.1
2050s Medium 10%	-2.7	-3.6	-1.6	-2.5	-0.6	-1.5	1.0	0.1	2.4	1.5
2050s Medium 33%	-2.0	-3.0	-0.9	-1.9	0.1	-0.9	1.7	0.9	3.2	2.3
2050s Medium 50%	-1.6	-2.4	-0.4	-1.4	0.5	-0.4	2.1	1.4	3.5	2.7
2050s Medium 66%	-1.2	-2.2	-0.2	-1.0	0.8	0.0	2.5	1.8	3.9	3.1
2050s Medium 90%	-0.2	-0.8	0.9	0.0	1.9	1.1	3.5	2.8	4.9	4.1
2050s High 10%	-2.7	-3.8	-1.4	-2.1	-0.4	-1.4	1.2	0.3	2.8	2.0
2050s High 33%	-1.7	-2.8	-0.7	-1.6	0.3	-0.5	2.0	1.0	3.5	2.7
2050s High 50%	-1.3	-2.2	-0.2	-1.1	0.8	-0.1	2.3	1.6	3.8	2.9
2050s High 66%	-1.0	-2.1	0.1	-0.6	1.1	0.2	2.6	1.9	4.1	3.3
2050s High 90%	0.0	-0.7	1.3	0.7	2.3	1.5	3.8	3.2	5.3	4.6
2080s Medium 10%	-2.5	-3.8	-1.2	-2.2	-0.1	-0.9	1.7	0.8	3.1	2.2
2080s Medium 33%	-1.5	-2.2	-0.3	-1.1	0.7	-0.5	2.3	1.4	3.7	2.9
2080s Medium 50%	-0.9	-1.9	0.2	-0.7	1.1	0.1	2.7	2.0	4.2	3.4
2080s Medium 66%	-0.5	-1.2	0.7	-0.2	1.7	0.9	3.2	2.5	4.7	3.9
2080s Medium 90%	0.6	-0.6	1.8	1.2	2.8	2.0	4.4	3.7	6.0	5.2
2080s High 10%	-2.3	-3.3	-1.2	-2.4	-0.2	-1.1	1.5	0.7	3.1	2.3
2080s High 33%	-0.9	-1.9	0.2	-0.5	1.2	0.4	2.9	2.1	4.4	3.6
2080s High 50%	-0.2	-0.7	0.9	0.2	1.9	1.2	3.4	2.6	4.8	4.1
2080s High 66%	0.1	-0.7	1.2	0.5	2.2	1.4	3.7	3.1	5.2	4.5
2080s High 90%	1.9	1.1	3.0	2.4	4.0	3.4	5.5	5.0	7.0	6.4

**Table 2.25(n)** Wintertime dry and coincident wet bulb temperatures equal to or exceeded for given percentages of hours in the year: Swindon

Scenario and time slice	Hourly temperature (°C) equal to or exceeded for stated percentage of hours in the year									
	99.6%		99%		98%		95%		90%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	-5.2	-6.2	-4.0	-4.8	-3.0	-3.6	-1.5	-2.2	0.0	-0.7
2030s Medium 10%	-5.0	-5.6	-3.8	-4.8	-2.8	-3.5	-1.1	-1.8	0.4	-0.2
2030s Medium 33%	-4.2	-5.1	-3.0	-3.8	-2.0	-2.6	-0.4	-1.1	1.0	0.3
2030s Medium 50%	-3.9	-4.7	-2.7	-3.3	-1.7	-2.4	-0.1	-0.7	1.3	0.6
2030s Medium 66%	-3.5	-4.3	-2.4	-3.1	-1.3	-2.0	0.3	-0.3	1.8	1.2
2030s Medium 90%	-2.7	-3.7	-1.5	-2.3	-0.5	-1.1	1.1	0.5	2.6	1.9
2030s High 10%	-4.7	-5.7	-3.4	-4.3	-2.3	-2.9	-0.7	-1.3	0.8	0.2
2030s High 33%	-4.1	-4.6	-2.9	-3.7	-1.9	-2.6	-0.3	-1.0	1.2	0.6
2030s High 50%	-3.8	-4.7	-2.7	-3.3	-1.6	-2.3	0.0	-0.7	1.5	0.9
2030s High 66%	-3.5	-4.2	-2.4	-3.1	-1.4	-2.0	0.2	-0.5	1.7	1.1
2030s High 90%	-2.9	-3.4	-1.7	-2.2	-0.6	-1.2	0.9	0.4	2.4	1.9
2050s Medium 10%	-4.5	-5.1	-3.2	-3.9	-2.2	-2.9	-0.6	-1.3	0.9	0.3
2050s Medium 33%	-3.8	-4.5	-2.6	-3.5	-1.5	-2.2	0.1	-0.6	1.6	1.0
2050s Medium 50%	-3.3	-4.0	-2.1	-2.8	-1.1	-1.8	0.5	-0.2	2.1	1.5
2050s Medium 66%	-2.8	-3.3	-1.7	-2.3	-0.7	-1.3	0.9	0.4	2.4	1.8
2050s Medium 90%	-1.7	-2.5	-0.5	-1.1	0.4	-0.1	1.9	1.4	3.3	2.8
2050s High 10%	-4.4	-5.2	-3.1	-3.7	-2.0	-2.6	-0.3	-1.0	1.2	0.6
2050s High 33%	-3.5	-4.2	-2.2	-2.9	-1.2	-1.8	0.4	-0.3	1.9	1.3
2050s High 50%	-3.1	-3.8	-1.9	-2.7	-0.9	-1.5	0.8	0.2	2.3	1.8
2050s High 66%	-2.7	-3.4	-1.6	-2.2	-0.6	-1.2	1.1	0.5	2.5	2.0
2050s High 90%	-1.6	-2.2	-0.4	-1.0	0.6	0.2	2.2	1.7	3.7	3.2
2080s Medium 10%	-4.1	-5.0	-2.8	-3.5	-1.7	-2.3	-0.1	-0.8	1.3	0.6
2080s Medium 33%	-3.1	-3.6	-2.0	-2.6	-0.9	-1.5	0.7	0.2	2.2	1.6
2080s Medium 50%	-2.7	-3.2	-1.5	-2.2	-0.4	-1.1	1.1	0.5	2.7	2.1
2080s Medium 66%	-2.2	-2.7	-1.0	-1.5	0.1	-0.4	1.7	1.1	3.3	2.8
2080s Medium 90%	-1.2	-1.6	-0.1	-0.6	1.0	0.4	2.6	2.1	4.2	3.6
2080s High 10%	-4.0	-4.8	-2.8	-3.4	-1.8	-2.6	-0.1	-0.9	1.6	0.9
2080s High 33%	-2.8	-3.5	-1.5	-2.3	-0.3	-0.9	1.4	0.9	2.8	2.2
2080s High 50%	-1.9	-2.5	-0.7	-1.1	0.3	-0.2	1.9	1.3	3.4	2.8
2080s High 66%	-1.6	-2.0	-0.4	-0.9	0.5	0.0	2.2	1.7	3.7	3.1
2080s High 90%	0.0	-0.5	1.1	0.7	2.1	1.6	3.7	3.2	5.2	4.6