

**Table 2.24(a)** Summertime 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									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	23.2	17.1	21.8	16.6	20.7	15.9	19.1	15.2	17.6	14.3
2030s Medium 10%	24.0	18.4	22.6	17.4	21.5	16.8	19.8	15.7	18.4	15.0
2030s Medium 33%	24.8	18.5	23.4	18.0	22.3	17.4	20.6	16.4	19.1	15.4
2030s Medium 50%	25.3	18.9	24.0	18.1	22.8	17.3	21.0	16.5	19.5	15.7
2030s Medium 66%	25.9	19.1	24.4	18.4	23.3	17.9	21.6	16.9	20.0	16.3
2030s Medium 90%	27.1	19.7	25.7	19.3	24.6	18.7	22.7	17.8	21.0	16.8
2030s High 10%	24.3	18.1	22.9	17.3	21.7	17.0	20.1	16.0	18.6	14.7
2030s High 33%	25.0	18.4	23.7	17.9	22.5	17.1	20.8	16.2	19.2	15.3
2030s High 50%	25.5	19.0	24.1	18.0	22.9	17.3	21.2	16.2	19.6	15.7
2030s High 66%	25.9	19.3	24.4	18.4	23.3	17.7	21.5	17.3	20.0	16.4
2030s High 90%	26.7	19.3	25.3	18.7	24.1	18.3	22.3	17.3	20.7	17.0
2050s Medium 10%	24.6	18.5	23.2	17.6	22.0	17.1	20.4	16.4	18.9	15.5
2050s Medium 33%	25.6	19.3	24.1	18.1	23.0	17.8	21.3	16.9	19.7	16.0
2050s Medium 50%	26.2	18.6	24.7	18.4	23.6	18.1	21.8	17.0	20.2	15.8
2050s Medium 66%	26.7	19.8	25.4	19.1	24.3	18.5	22.5	17.7	20.8	16.8
2050s Medium 90%	28.4	20.6	26.8	20.0	25.5	19.3	23.6	18.4	21.9	17.5
2050s High 10%	24.8	18.5	23.4	17.8	22.2	17.4	20.6	16.2	19.2	15.2
2050s High 33%	26.1	19.4	24.6	18.7	23.5	18.0	21.7	16.6	20.1	16.2
2050s High 50%	26.7	19.8	25.2	18.8	24.0	18.2	22.2	17.2	20.6	16.4
2050s High 66%	27.2	20.2	25.8	19.6	24.6	19.0	22.8	17.4	21.1	16.5
2050s High 90%	28.4	20.6	27.0	20.1	25.7	19.0	23.9	18.6	22.2	17.2
2080s Medium 10%	25.4	19.1	24.0	18.1	22.8	17.4	21.1	16.7	19.6	15.7
2080s Medium 33%	26.8	20.1	25.3	18.7	24.1	18.8	22.4	17.5	20.7	16.5
2080s Medium 50%	27.4	20.2	26.0	19.5	24.7	19.3	22.9	18.0	21.3	17.0
2080s Medium 66%	28.3	21.3	27.0	20.6	25.9	19.6	24.0	18.9	22.3	17.9
2080s Medium 90%	30.3	22.2	28.8	21.0	27.6	20.7	25.7	20.1	23.9	18.8
2080s High 10%	26.3	19.3	24.9	18.7	23.7	18.2	21.9	17.2	20.4	16.5
2080s High 33%	27.6	20.8	26.2	19.6	25.0	18.8	23.3	18.3	21.6	17.3
2080s High 50%	28.7	20.7	27.2	20.2	25.9	19.9	24.0	18.2	22.4	17.4
2080s High 66%	29.7	21.0	28.3	20.4	27.0	20.2	25.1	19.3	23.4	18.9
2080s High 90%	31.1	22.0	29.7	21.5	28.5	21.2	26.5	20.2	24.8	20.7

**Table 2.24(b)** Summertime 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									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	26.2	18.1	24.7	17.3	23.4	16.8	21.4	15.9	19.6	15.0
2030s Medium 10%	27.3	18.9	25.7	18.4	24.5	17.7	22.4	16.7	20.6	15.4
2030s Medium 33%	28.1	19.1	26.5	18.5	25.2	17.7	23.1	16.9	21.3	15.9
2030s Medium 50%	28.6	20.0	27.0	19.0	25.6	18.5	23.5	17.4	21.7	16.2
2030s Medium 66%	29.2	19.7	27.6	19.3	26.2	18.3	24.2	17.3	22.2	16.6
2030s Medium 90%	30.6	20.2	29.1	19.2	27.9	18.9	25.7	17.5	23.5	17.1
2030s High 10%	27.4	19.5	25.9	18.4	24.5	17.5	22.4	16.5	20.5	15.6
2030s High 33%	28.1	19.3	26.6	18.1	25.2	18.8	23.2	17.5	21.4	16.0
2030s High 50%	28.7	20.1	27.1	18.7	25.8	18.7	23.8	16.9	21.9	16.5
2030s High 66%	29.4	20.1	27.8	18.7	26.5	18.2	24.4	16.9	22.4	16.9
2030s High 90%	30.6	20.2	28.9	19.6	27.6	18.9	25.4	17.9	23.3	17.3
2050s Medium 10%	27.8	18.8	26.4	18.5	25.0	17.9	23.0	16.7	21.2	15.8
2050s Medium 33%	28.8	19.9	27.2	19.4	26.0	18.0	23.9	17.1	22.0	18.0
2050s Medium 50%	29.4	19.7	27.9	19.4	26.6	18.9	24.5	17.6	22.6	17.2
2050s Medium 66%	30.5	20.3	28.9	20.3	27.6	19.4	25.4	20.3	23.3	17.0
2050s Medium 90%	32.8	21.0	31.2	21.3	29.8	20.4	27.4	19.4	25.2	18.1
2050s High 10%	27.8	19.7	26.3	18.2	25.1	17.7	23.1	16.6	21.3	15.8
2050s High 33%	29.3	19.9	27.7	18.6	26.3	18.2	24.3	17.2	22.3	16.7
2050s High 50%	30.1	19.9	28.5	19.8	27.2	19.7	25.2	17.7	23.2	17.5
2050s High 66%	30.9	20.4	29.2	20.5	27.9	19.1	25.6	18.8	23.6	16.5
2050s High 90%	32.9	21.8	31.3	21.2	29.9	20.4	27.6	19.7	25.4	18.7
2080s Medium 10%	28.9	20.2	27.3	19.8	26.0	18.5	23.9	17.8	22.1	16.5
2080s Medium 33%	30.5	20.5	28.8	20.2	27.4	18.4	25.3	18.1	23.2	17.5
2080s Medium 50%	31.0	21.0	29.3	20.3	27.9	19.4	25.8	19.2	23.8	17.0
2080s Medium 66%	32.1	20.8	30.5	20.3	29.0	19.7	26.9	18.9	24.9	18.1
2080s Medium 90%	34.8	22.6	33.2	22.2	31.9	22.0	29.5	20.5	27.0	19.7
2080s High 10%	29.2	19.8	27.7	19.6	26.4	18.7	24.4	17.9	22.7	16.5
2080s High 33%	31.1	21.2	29.4	20.0	28.1	19.4	26.1	18.5	24.1	17.8
2080s High 50%	32.2	21.9	30.6	21.5	29.4	20.6	27.2	19.5	25.1	18.7
2080s High 66%	33.6	21.8	32.0	21.6	30.5	22.7	28.1	19.3	26.0	18.5
2080s High 90%	37.5	25.3	35.8	25.0	34.3	24.7	31.5	23.7	28.8	20.5

**Table 2.24(c)** Summertime 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									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	25.0	18.4	23.6	17.9	22.4	17.3	20.6	16.6	19.0	15.6
2030s Medium 10%	26.1	19.3	24.7	18.9	23.4	17.2	21.5	17.6	19.9	16.5
2030s Medium 33%	27.2	20.3	25.7	19.4	24.4	19.7	22.5	18.7	20.8	17.3
2030s Medium 50%	27.6	20.0	26.1	19.3	24.9	19.0	23.0	17.5	21.1	17.1
2030s Medium 66%	28.2	20.8	26.7	19.5	25.4	18.9	23.4	18.1	21.7	17.5
2030s Medium 90%	29.7	21.5	28.1	20.9	26.8	20.3	24.8	18.8	22.9	18.2
2030s High 10%	25.9	18.7	24.4	18.4	23.1	18.0	21.3	17.1	19.7	15.5
2030s High 33%	27.1	20.2	25.6	18.8	24.3	18.3	22.5	17.7	20.8	17.5
2030s High 50%	27.8	19.5	26.2	19.2	24.9	18.6	22.9	17.8	21.3	16.6
2030s High 66%	28.2	20.3	26.7	19.9	25.4	19.3	23.4	18.4	21.7	17.3
2030s High 90%	29.4	22.1	27.7	20.7	26.4	20.1	24.4	18.9	22.6	17.6
2050s Medium 10%	26.7	19.9	25.2	19.3	24.0	19.0	22.1	17.5	20.4	16.8
2050s Medium 33%	28.0	21.2	26.5	20.5	25.3	19.0	23.3	18.5	21.7	17.3
2050s Medium 50%	28.8	20.8	27.2	20.0	25.9	19.6	24.0	18.5	22.2	17.8
2050s Medium 66%	29.8	20.5	28.1	20.0	26.9	19.6	24.8	19.3	22.9	18.2
2050s Medium 90%	31.7	22.6	30.0	21.8	28.6	22.3	26.5	20.0	24.5	19.1
2050s High 10%	26.4	19.2	24.8	18.8	23.7	17.9	21.9	16.7	20.3	17.3
2050s High 33%	28.3	20.6	26.8	19.8	25.5	19.1	23.6	18.2	21.8	17.6
2050s High 50%	29.0	20.3	27.5	19.9	26.2	20.0	24.3	18.4	22.5	17.8
2050s High 66%	29.8	22.1	28.1	21.0	26.7	20.2	24.8	18.8	23.1	17.7
2050s High 90%	31.3	22.1	29.8	21.5	28.5	20.4	26.5	19.9	24.5	18.8
2080s Medium 10%	27.8	20.7	26.3	18.9	25.0	18.8	23.1	17.7	21.5	17.0
2080s Medium 33%	29.3	21.4	27.8	20.7	26.6	19.6	24.7	18.4	22.9	17.6
2080s Medium 50%	30.4	20.9	28.9	20.7	27.5	20.1	25.5	19.4	23.6	19.2
2080s Medium 66%	31.2	21.5	29.6	20.5	28.2	20.2	26.3	19.7	24.2	19.1
2080s Medium 90%	33.3	23.8	31.8	23.0	30.5	22.6	28.4	21.6	26.4	20.4
2080s High 10%	28.6	20.3	27.1	19.8	25.9	19.0	24.0	18.1	22.3	17.3
2080s High 33%	30.2	21.6	28.6	21.5	27.4	20.9	25.6	20.6	23.8	19.6
2080s High 50%	31.2	20.9	29.7	22.1	28.4	21.5	26.4	20.1	24.6	21.1
2080s High 66%	32.8	22.9	31.3	22.1	30.0	21.5	27.9	19.7	25.5	19.8
2080s High 90%	35.0	23.8	33.4	22.6	32.1	22.3	29.8	22.6	27.6	22.0

**Table 2.24(d)** Summertime 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 ( $^{\circ}\text{C}$ ) equal to or exceeded for stated percentage of hours in the year									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	23.2	17.3	22.0	16.5	20.9	16.2	19.2	15.2	17.7	14.3
2030s Medium 10%	24.0	18.3	22.8	17.5	21.7	16.8	20.0	15.7	18.5	14.9
2030s Medium 33%	25.0	18.7	23.6	18.2	22.5	17.4	20.8	16.3	19.3	15.4
2030s Medium 50%	25.4	19.2	24.1	18.3	23.0	17.5	21.2	16.5	19.7	15.7
2030s Medium 66%	25.9	19.2	24.5	18.8	23.4	17.5	21.7	16.6	20.1	16.0
2030s Medium 90%	27.0	19.8	25.6	19.4	24.4	18.4	22.7	17.7	21.1	16.7
2030s High 10%	24.4	18.5	23.1	17.8	22.0	16.8	20.4	16.0	18.9	15.2
2030s High 33%	25.1	18.6	23.7	18.2	22.6	17.6	20.9	16.3	19.4	15.4
2030s High 50%	25.4	19.2	24.0	18.0	23.0	17.7	21.3	16.9	19.7	15.5
2030s High 66%	25.8	19.6	24.5	18.8	23.4	17.9	21.8	16.9	20.2	16.3
2030s High 90%	26.8	19.9	25.4	19.3	24.3	18.3	22.5	17.6	20.9	16.6
2050s Medium 10%	24.5	18.6	23.3	17.8	22.2	17.2	20.6	16.3	19.1	15.4
2050s Medium 33%	25.6	19.4	24.4	18.8	23.3	17.8	21.6	16.5	20.0	15.8
2050s Medium 50%	26.2	19.5	24.8	18.8	23.8	18.2	22.0	17.2	20.4	16.4
2050s Medium 66%	26.8	19.5	25.4	18.9	24.4	18.6	22.6	17.5	21.0	16.4
2050s Medium 90%	28.1	20.5	26.7	20.0	25.6	19.3	23.8	18.3	22.1	17.7
2050s High 10%	25.0	18.9	23.7	17.9	22.6	17.1	20.9	16.4	19.5	15.5
2050s High 33%	26.0	19.5	24.7	18.7	23.7	18.4	21.9	17.3	20.2	16.1
2050s High 50%	26.6	19.5	25.2	19.0	24.1	18.6	22.4	17.5	20.8	16.4
2050s High 66%	27.3	19.7	25.9	19.3	24.8	18.9	23.0	18.1	21.3	16.7
2050s High 90%	28.4	20.6	27.0	20.0	25.9	19.4	24.2	18.5	22.5	17.5
2080s Medium 10%	25.3	19.1	24.0	18.5	22.9	17.6	21.2	16.8	19.7	15.7
2080s Medium 33%	26.7	20.1	25.3	19.4	24.2	18.6	22.5	17.6	20.8	16.9
2080s Medium 50%	27.3	20.0	25.9	19.6	24.8	19.0	23.1	17.9	21.5	16.9
2080s Medium 66%	28.5	20.6	27.2	20.2	26.1	20.2	24.3	18.5	22.7	17.8
2080s Medium 90%	30.4	22.2	28.9	21.4	27.7	21.1	26.0	19.4	24.1	18.5
2080s High 10%	26.2	19.6	24.9	18.6	23.8	18.4	22.1	17.5	20.5	16.5
2080s High 33%	27.7	20.3	26.4	20.1	25.3	19.5	23.5	17.9	21.8	17.1
2080s High 50%	28.6	21.1	27.3	20.0	26.2	19.7	24.5	18.9	22.8	17.5
2080s High 66%	29.7	21.6	28.4	21.0	27.3	20.6	25.4	19.2	23.6	18.2
2080s High 90%	31.1	23.0	29.7	22.2	28.6	21.7	26.8	20.7	25.2	20.3

**Table 2.24(e)** Summertime 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									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	24.1	17.4	22.6	17.0	21.3	16.4	19.5	15.3	17.9	14.4
2030s Medium 10%	24.8	18.2	23.2	17.3	21.9	16.5	20.1	15.8	18.5	15.0
2030s Medium 33%	25.8	18.3	24.3	17.8	22.9	17.2	21.0	16.4	19.4	15.6
2030s Medium 50%	26.3	18.6	24.7	18.6	23.5	17.8	21.5	16.5	19.9	15.8
2030s Medium 66%	26.7	19.4	25.2	18.8	23.9	18.0	21.9	16.7	20.1	16.2
2030s Medium 90%	27.7	20.1	26.2	18.9	24.9	18.6	22.9	17.6	21.1	16.7
2030s High 10%	25.2	18.6	23.6	17.6	22.4	16.9	20.5	16.0	18.9	15.0
2030s High 33%	25.9	18.3	24.4	17.9	23.1	17.0	21.3	16.1	19.6	15.4
2030s High 50%	26.3	19.1	24.8	18.3	23.6	17.5	21.5	16.8	19.8	16.1
2030s High 66%	26.7	19.2	25.2	18.7	23.9	18.0	22.0	17.0	20.2	16.0
2030s High 90%	27.5	19.5	26.0	18.9	24.7	18.1	22.8	16.9	21.1	16.6
2050s Medium 10%	25.1	18.4	23.7	17.7	22.5	16.9	20.6	16.2	19.1	15.5
2050s Medium 33%	26.4	19.6	24.9	18.4	23.7	18.2	21.8	16.6	20.1	16.0
2050s Medium 50%	27.0	19.8	25.5	18.9	24.2	18.1	22.3	17.4	20.4	16.4
2050s Medium 66%	27.7	20.2	26.2	19.2	24.9	18.6	22.9	17.5	21.1	16.6
2050s Medium 90%	28.8	21.2	27.3	20.2	26.0	19.5	24.1	18.5	22.3	17.6
2050s High 10%	25.7	18.5	24.4	18.1	23.1	17.4	21.3	16.4	19.7	15.5
2050s High 33%	26.7	19.4	25.2	18.8	24.0	17.7	22.0	17.0	20.3	16.2
2050s High 50%	27.3	19.8	25.7	19.2	24.5	18.4	22.6	17.5	20.9	16.4
2050s High 66%	28.0	20.6	26.5	19.1	25.3	18.7	23.3	18.2	21.5	16.4
2050s High 90%	29.2	20.8	27.6	20.3	26.4	19.7	24.4	18.5	22.5	17.6
2080s Medium 10%	26.0	19.3	24.5	18.2	23.3	17.6	21.4	16.8	19.8	15.7
2080s Medium 33%	27.4	19.6	26.0	19.2	24.7	18.5	22.8	17.4	21.1	16.7
2080s Medium 50%	28.1	20.3	26.7	19.6	25.4	18.6	23.4	18.1	21.6	16.9
2080s Medium 66%	29.2	21.3	27.6	20.3	26.4	19.8	24.4	18.2	22.5	17.5
2080s Medium 90%	30.8	21.9	29.4	21.0	28.1	21.1	26.0	20.1	24.1	18.3
2080s High 10%	26.9	19.8	25.4	18.6	24.1	18.0	22.3	17.7	20.7	16.6
2080s High 33%	28.2	20.4	26.7	19.2	25.5	19.6	23.6	17.8	21.8	17.1
2080s High 50%	29.6	21.2	28.1	20.0	26.7	19.3	24.7	19.0	22.7	17.8
2080s High 66%	30.4	21.8	28.8	20.8	27.4	20.6	25.4	19.4	23.6	18.7
2080s High 90%	32.3	21.9	30.7	21.8	29.3	22.0	27.3	19.6	25.3	19.9

**Table 2.24(f)** Summertime 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 ( $^{\circ}$ C) equal to or exceeded for stated percentage of hours in the year									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	25.2	18.0	23.8	17.2	22.6	16.2	20.8	15.5	19.2	14.7
2030s Medium 10%	25.9	18.4	24.5	17.6	23.3	16.8	21.5	15.8	19.8	15.1
2030s Medium 33%	26.8	19.3	25.3	18.6	24.1	18.0	22.3	16.8	20.6	15.8
2030s Medium 50%	27.2	19.4	25.8	18.6	24.6	17.8	22.7	16.7	21.1	15.8
2030s Medium 66%	27.8	19.2	26.3	18.7	25.1	18.2	23.2	17.2	21.4	16.3
2030s Medium 90%	29.0	19.6	27.5	19.4	26.2	18.6	24.4	17.9	22.6	16.7
2030s High 10%	26.1	18.4	24.7	17.6	23.5	17.3	21.6	16.4	20.0	15.5
2030s High 33%	26.8	18.8	25.3	18.4	24.1	17.6	22.3	16.5	20.6	15.7
2030s High 50%	27.4	19.2	26.0	18.3	24.7	18.0	22.9	16.9	21.2	15.8
2030s High 66%	27.9	19.6	26.5	19.0	25.4	18.1	23.3	17.7	21.6	16.5
2030s High 90%	29.1	19.8	27.5	19.2	26.3	19.0	24.4	18.2	22.6	17.1
2050s Medium 10%	26.5	19.3	25.1	17.9	23.9	17.7	22.0	17.0	20.4	15.8
2050s Medium 33%	27.5	19.1	26.1	18.8	24.9	18.6	23.0	17.2	21.3	16.3
2050s Medium 50%	28.3	19.5	26.8	19.3	25.6	18.1	23.7	17.3	22.0	16.4
2050s Medium 66%	28.8	20.5	27.4	19.2	26.1	19.3	24.1	17.5	22.3	17.2
2050s Medium 90%	30.6	20.3	29.1	21.2	27.8	20.1	25.8	18.7	23.9	18.5
2050s High 10%	26.6	18.8	25.3	18.2	24.0	17.8	22.2	16.9	20.5	16.0
2050s High 33%	27.8	19.1	26.3	18.5	25.0	18.1	23.2	18.2	21.5	16.3
2050s High 50%	28.6	20.4	27.2	19.5	26.0	18.0	24.1	18.0	22.3	17.1
2050s High 66%	29.4	20.0	27.8	19.9	26.6	18.9	24.7	18.0	22.9	16.6
2050s High 90%	30.9	21.0	29.5	20.7	28.2	19.7	26.2	19.0	24.3	18.1
2080s Medium 10%	27.4	19.1	26.0	18.8	24.8	18.4	23.1	17.3	21.5	16.7
2080s Medium 33%	28.9	20.2	27.3	19.3	26.0	18.8	24.1	17.8	22.4	17.5
2080s Medium 50%	29.6	20.3	28.2	19.8	26.9	19.3	24.9	18.3	23.1	17.5
2080s Medium 66%	30.4	21.3	29	20.5	27.7	19.2	25.7	18.2	23.8	17.4
2080s Medium 90%	33.1	23.1	31.7	22.3	30.3	21.3	27.9	20.9	25.7	19.2
2080s High 10%	28.0	20.0	26.5	19.4	25.3	17.9	23.3	16.7	21.6	16.2
2080s High 33%	29.4	20.7	28.0	19.5	26.8	19.2	24.9	19.1	23.2	16.9
2080s High 50%	30.5	20.4	29.1	19.6	27.8	19.9	25.9	20.2	24.2	19.3
2080s High 66%	31.9	22.5	30.5	21.0	29.1	20.7	27.1	19.0	25.1	18.9
2080s High 90%	34.7	23.1	33.0	24.4	31.6	24.1	29.1	22.9	27.0	19.6

**Table 2.24(g)** Summertime 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 (°C) equal to or exceeded for stated percentage of hours in the year									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	27.9	19.2	26.4	18.5	25.1	17.7	23.2	16.9	21.4	16.0
2030s Medium 10%	29.8	20.7	28.2	19.0	26.9	18.5	24.9	18.4	23.0	17.5
2030s Medium 33%	30.9	21.1	29.3	20.3	28.0	18.8	26.1	17.9	24.2	17.6
2030s Medium 50%	31.7	21.4	30.1	20.2	28.8	19.8	26.6	19.0	24.6	18.0
2030s Medium 66%	32.5	21.1	30.9	20.6	29.6	19.8	27.4	18.7	25.4	17.8
2030s Medium 90%	34.6	22.1	33.0	21.0	31.6	20.7	29.3	20.2	27.2	19.2
2030s High 10%	29.2	19.9	27.7	19.3	26.3	18.6	24.3	17.9	22.5	16.9
2030s High 33%	30.0	20.3	28.4	19.8	27.2	19.2	25.1	18.5	23.2	17.1
2030s High 50%	30.8	20.5	29.2	19.6	27.9	19.3	25.9	18.2	23.9	17.5
2030s High 66%	31.2	20.7	29.6	20.3	28.3	19.6	26.3	18.6	24.3	17.8
2030s High 90%	32.5	21.5	30.9	20.2	29.5	19.9	27.4	19.2	25.4	18.5
2050s Medium 10%	28.8	20.0	27.3	19.2	26.1	18.6	24.2	17.1	22.3	16.2
2050s Medium 33%	30.0	20.5	28.4	19.4	27.1	18.7	25.0	18.3	23.2	17.7
2050s Medium 50%	30.6	20.8	29.0	19.7	27.7	18.8	25.6	17.8	23.7	17.2
2050s Medium 66%	31.2	20.8	29.5	20.2	28.2	19.5	26.2	18.3	24.1	17.1
2050s Medium 90%	32.8	21.8	31.3	20.7	29.8	20.0	27.6	18.5	25.6	18.3
2050s High 10%	29.8	20.6	28.3	18.1	27.0	19.3	24.9	21.9	23.1	18.7
2050s High 33%	31.4	21.3	29.7	21.3	28.3	21.1	26.4	19.0	24.4	19.3
2050s High 50%	32.1	20.8	30.5	24.0	29.2	20.9	27.1	20.6	25.2	17.8
2050s High 66%	32.8	22.2	31.2	21.9	29.9	20.3	27.8	18.7	25.7	16.7
2050s High 90%	34.7	22.5	33.2	20.7	31.8	19.6	29.5	20.8	27.3	18.1
2080s Medium 10%	30.9	22.2	29.5	20.4	28.2	19.6	26.2	18.6	24.3	18.3
2080s Medium 33%	32.0	21.6	30.5	20.4	29.1	20.8	27.1	19.5	25.1	19.0
2080s Medium 50%	33.1	20.9	31.5	20.6	30.2	21.1	28.1	20.3	26.0	18.9
2080s Medium 66%	34.1	22.4	32.5	22.4	31.2	20.8	29.0	19.9	26.9	20.1
2080s Medium 90%	37.5	23.7	35.7	23.4	34.1	22.8	31.7	21.6	29.3	20.6
2080s High 10%	31.0	21.2	29.5	20.2	28.3	19.7	26.3	19.7	24.3	18.7
2080s High 33%	33.0	21.2	31.4	20.6	30.0	21.2	28.0	19.5	26.0	18.7
2080s High 50%	34.5	22.1	32.9	21.3	31.5	21.1	29.5	20.7	27.5	19.0
2080s High 66%	35.6	22.8	34.1	21.2	32.7	20.1	30.4	20.5	28.3	21.4
2080s High 90%	38.5	22.5	36.8	22.4	35.2	22.0	32.8	21.6	30.3	20.6

**Table 2.24(h)** Summertime 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									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	25.2	17.8	23.7	17.5	22.5	16.6	20.6	15.7	18.9	14.9
2030s Medium 10%	26.2	19.1	24.7	18.1	23.5	17.6	21.6	16.7	19.9	15.9
2030s Medium 33%	27.0	19.3	25.5	18.3	24.2	17.9	22.2	16.9	20.4	16.0
2030s Medium 50%	27.4	19.5	25.9	18.3	24.6	18.0	22.7	17.0	20.8	16.0
2030s Medium 66%	28.0	19.9	26.5	19.1	25.2	18.6	23.2	17.2	21.4	16.5
2030s Medium 90%	29.2	20.8	27.7	19.7	26.4	19.2	24.3	18.1	22.4	17.4
2030s High 10%	26.2	18.5	24.6	17.6	23.3	17.3	21.4	16.5	19.6	15.5
2030s High 33%	27.1	19.5	25.5	18.6	24.3	17.8	22.3	17.0	20.6	16.2
2030s High 50%	27.5	19.4	26.0	18.8	24.7	18.6	22.8	17.0	20.9	16.2
2030s High 66%	28.0	19.7	26.4	18.5	25.1	18.7	23.1	17.3	21.3	16.2
2030s High 90%	29.0	19.6	27.4	18.6	26.0	18.4	24.0	17.7	22.2	17.2
2050s Medium 10%	26.8	19.6	25.4	18.3	24.1	18.0	22.1	16.8	20.4	16.0
2050s Medium 33%	27.8	18.9	26.3	18.4	25.0	18.1	23.0	17.4	21.3	16.3
2050s Medium 50%	28.5	19.7	27.0	19.4	25.7	18.5	23.6	17.5	21.8	16.7
2050s Medium 66%	29.1	20.9	27.6	20.1	26.3	18.6	24.3	18.5	22.5	17.2
2050s Medium 90%	31.0	21.3	29.5	20.3	28.1	19.9	25.9	18.7	23.8	18.3
2050s High 10%	26.7	18.4	25.1	17.9	23.9	17.3	21.9	16.1	20.3	15.3
2050s High 33%	28.1	19.6	26.7	19.0	25.4	18.8	23.4	17.6	21.6	16.6
2050s High 50%	28.8	20.6	27.2	19.6	25.9	18.7	24.1	18.1	22.2	17.7
2050s High 66%	29.5	20.0	28.0	19.5	26.6	18.6	24.6	18.0	22.7	17.2
2050s High 90%	31.0	20.5	29.4	19.8	28.1	19.9	26.0	18.3	24.0	17.5
2080s Medium 10%	27.5	19.7	26.0	19.2	24.8	18.2	22.8	16.9	21.1	16.4
2080s Medium 33%	28.9	20.5	27.4	19.5	26.1	19.1	24.1	18.5	22.4	17.1
2080s Medium 50%	30.0	20.4	28.5	20.4	27.2	19.6	25.1	18.8	23.1	17.3
2080s Medium 66%	30.8	21.3	29.3	20.8	27.9	20.0	25.8	19.1	23.9	18.2
2080s Medium 90%	32.5	22.4	31.0	21.9	29.7	20.7	27.6	20.2	25.7	19.6
2080s High 10%	28.6	20.7	27.0	19.5	25.7	18.8	23.8	17.8	22.1	16.4
2080s High 33%	29.8	21.2	28.3	20.4	27.1	20.1	25.1	18.9	23.2	18.4
2080s High 50%	30.8	21.8	29.1	21.1	27.9	20.0	26.1	19.1	24.2	18.2
2080s High 66%	32.0	22.0	30.4	22.1	29.1	20.9	27.1	20.2	25.1	19.2
2080s High 90%	34.2	23.0	32.6	21.9	31.3	21.4	29.3	20.4	27.1	20.9

**Table 2.24(i)** Summertime 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 (°C) equal to or exceeded for stated percentage of hours in the year									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	23.9	17.7	22.5	16.7	21.5	16.1	19.9	15.4	18.4	14.7
2030s Medium 10%	24.7	18.3	23.4	17.4	22.3	17.2	20.7	16.1	19.2	15.1
2030s Medium 33%	25.4	18.8	24.1	18.3	23.0	17.3	21.3	16.7	19.8	15.7
2030s Medium 50%	26.0	19.2	24.7	18.2	23.6	17.9	21.9	16.8	20.4	15.8
2030s Medium 66%	26.5	19.3	25.2	19.1	24.1	18.1	22.4	17.0	20.8	16.0
2030s Medium 90%	27.6	20.3	26.3	19.8	25.2	19.3	23.5	18.3	21.9	17.4
2030s High 10%	24.8	18.3	23.6	17.5	22.5	17.0	20.9	16.3	19.4	15.2
2030s High 33%	25.5	19.2	24.2	18.4	23.1	17.9	21.5	16.6	19.9	15.8
2030s High 50%	26.0	19.5	24.7	18.5	23.6	17.7	21.9	17.0	20.3	15.9
2030s High 66%	26.5	19.5	25.1	19.0	24.0	18.4	22.3	17.5	20.8	16.4
2030s High 90%	27.6	20.3	26.3	19.4	25.1	18.4	23.4	17.7	21.8	16.9
2050s Medium 10%	25.0	18.8	23.8	18.1	22.7	17.3	21.1	16.5	19.6	15.7
2050s Medium 33%	26.2	18.5	24.9	18.6	23.8	18.3	22.1	17.3	20.6	16.3
2050s Medium 50%	26.6	19.6	25.4	18.8	24.2	18.2	22.5	17.3	21.1	16.5
2050s Medium 66%	27.5	19.8	26.2	19.6	25.1	18.6	23.4	17.5	21.8	16.8
2050s Medium 90%	28.9	22.0	27.5	20.0	26.3	19.9	24.5	18.2	22.9	18.3
2050s High 10%	25.4	18.7	24.2	18.6	23.1	17.1	21.6	16.4	20.2	15.7
2050s High 33%	26.7	19.4	25.3	19.1	24.1	18.3	22.4	17.0	20.9	16.2
2050s High 50%	27.2	19.8	25.9	19.3	24.7	18.6	23.0	18.0	21.4	16.6
2050s High 66%	27.8	19.9	26.5	19.2	25.3	18.5	23.6	17.6	22.0	17.0
2050s High 90%	29.2	20.9	27.8	20.8	26.7	19.8	25.0	18.6	23.3	18.4
2080s Medium 10%	25.6	18.8	24.4	18.2	23.3	17.7	21.7	16.5	20.2	16.0
2080s Medium 33%	27.3	20.4	26.1	19.8	24.9	18.4	23.2	18.1	21.7	17.2
2080s Medium 50%	28.0	20.3	26.7	19.8	25.5	18.8	23.8	18.3	22.1	17.2
2080s Medium 66%	29.3	21.1	27.9	20.5	26.8	20.0	25.0	19.0	23.4	18.1
2080s Medium 90%	31.2	21.6	29.7	21.9	28.5	21.6	26.8	21.0	25.0	19.0
2080s High 10%	26.8	19.5	25.5	18.8	24.4	18.1	22.8	17.2	21.3	16.1
2080s High 33%	28.1	20.7	26.8	19.4	25.7	19.2	24.0	18.3	22.4	17.3
2080s High 50%	29.2	21.8	27.9	20.5	26.7	19.9	25.0	18.8	23.2	17.7
2080s High 66%	30.3	22.4	29.0	20.8	27.8	20.7	26.0	19.6	24.3	18.7
2080s High 90%	32.2	23.6	30.9	23.0	29.7	22.5	28.0	21.5	26.2	20.5

**Table 2.24(j)** Summertime 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									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	25.7	19.1	24.3	18.4	23.1	18.0	21.2	16.7	19.6	15.9
2030s Medium 10%	26.5	19.8	25.0	19.0	23.8	17.9	22.0	17.3	20.3	16.1
2030s Medium 33%	27.5	19.9	26.0	19.3	24.7	18.6	22.9	17.5	21.0	17.1
2030s Medium 50%	28.0	19.8	26.5	19.3	25.2	19.0	23.4	18.3	21.6	17.3
2030s Medium 66%	28.4	19.9	26.9	20.1	25.7	19.2	23.7	18.0	21.9	17.3
2030s Medium 90%	29.5	21.3	28.1	20.4	26.8	19.7	24.9	18.8	23.0	17.8
2030s High 10%	26.8	19.6	25.3	18.9	24.1	17.9	22.2	17.6	20.5	16.5
2030s High 33%	27.5	19.9	26.1	19.7	24.8	18.5	22.9	17.5	21.2	16.9
2030s High 50%	28.1	20.1	26.5	20.4	25.3	19.2	23.4	18.0	21.6	16.9
2030s High 66%	28.5	20.3	27.0	19.8	25.7	18.8	23.8	18.0	22.0	17.1
2030s High 90%	29.5	21.1	28.1	20.1	26.8	19.4	24.8	18.2	22.8	17.8
2050s Medium 10%	27.2	20.3	25.7	19.1	24.5	19.1	22.7	17.5	21.0	17.1
2050s Medium 33%	28.3	20.4	26.8	19.6	25.6	18.5	23.6	18.0	21.9	17.2
2050s Medium 50%	28.9	19.9	27.4	19.7	26.1	19.0	24.1	18.3	22.3	17.6
2050s Medium 66%	29.6	20.8	28.0	20.1	26.8	19.3	24.9	18.4	23.0	17.8
2050s Medium 90%	31.3	22.2	29.8	21.2	28.5	20.7	26.4	19.8	24.6	19.2
2050s High 10%	27.4	19.9	25.9	19.2	24.7	18.3	22.9	17.8	21.1	16.8
2050s High 33%	28.4	20.6	27.0	19.8	25.9	19.2	24.0	18.3	22.2	17.2
2050s High 50%	29.3	20.6	27.9	21.0	26.6	20.2	24.7	18.3	22.9	18.0
2050s High 66%	29.8	21.9	28.2	20.8	27.0	19.7	25.1	18.9	23.2	18.0
2050s High 90%	31.4	22.2	29.8	21.0	28.4	20.5	26.3	19.3	24.5	18.4
2080s Medium 10%	28.3	20.4	26.7	19.5	25.4	18.9	23.7	18.6	21.8	17.1
2080s Medium 33%	29.3	20.2	27.8	20.3	26.6	19.9	24.7	18.1	22.9	17.6
2080s Medium 50%	30.1	21.6	28.6	21.5	27.4	20.2	25.3	19.3	23.5	18.4
2080s Medium 66%	31.0	21.2	29.5	21.1	28.3	20.4	26.4	19.6	24.5	18.1
2080s Medium 90%	33.7	22.5	32.1	22.4	30.7	22.1	28.7	21.2	26.5	20.3
2080s High 10%	28.5	20.6	27.1	19.9	25.8	19.6	23.9	18.3	22.3	17.7
2080s High 33%	29.9	21.2	28.5	20.7	27.2	19.8	25.2	18.7	23.4	18.4
2080s High 50%	31.3	22.0	29.7	21.3	28.5	20.6	26.5	19.1	24.6	19.5
2080s High 66%	32.1	21.6	30.5	21.7	29.2	21.2	27.2	20.3	25.3	19.8
2080s High 90%	35.0	23.9	33.2	23.5	31.9	22.6	29.6	21.7	27.4	21.1

**Table 2.24(k)** Summertime 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 (°C) equal to or exceeded for stated percentage of hours in the year									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	26.1	18.7	24.6	17.6	23.3	16.7	21.4	15.9	19.6	15.1
2030s Medium 10%	26.9	19.5	25.3	18.3	24.1	17.1	22.1	16.2	20.4	15.7
2030s Medium 33%	27.9	19.3	26.3	18.5	25.0	17.8	23.0	17.7	21.1	16.3
2030s Medium 50%	28.3	20.1	26.8	18.5	25.5	18.6	23.5	17.0	21.6	16.7
2030s Medium 66%	29.2	19.6	27.6	19.2	26.3	18.7	24.1	17.5	22.2	16.5
2030s Medium 90%	30.2	20.6	28.6	19.8	27.2	18.8	25.2	17.6	23.2	17.2
2030s High 10%	27.3	19.2	25.7	18.2	24.4	17.5	22.4	16.2	20.6	15.5
2030s High 33%	28.0	19.8	26.4	18.7	25.0	18.8	23.1	17.3	21.2	16.1
2030s High 50%	28.5	20.2	27.0	19.4	25.6	18.1	23.5	17.6	21.7	16.5
2030s High 66%	29.0	20.5	27.4	19.1	26.1	19.0	24.0	17.6	22.2	17.1
2030s High 90%	30.2	20.9	28.6	19.7	27.2	18.9	25.0	18.0	23.0	17.6
2050s Medium 10%	27.6	19.5	26.0	18.5	24.8	18.2	22.9	17.0	21.1	16.5
2050s Medium 33%	28.8	19.6	27.2	19.0	25.9	17.9	23.8	17.8	21.9	16.3
2050s Medium 50%	29.5	19.9	27.9	19.2	26.5	20.6	24.4	18.6	22.5	17.5
2050s Medium 66%	30.0	20.4	28.5	19.4	27.2	18.7	25.2	17.4	23.1	17.1
2050s Medium 90%	31.8	21.7	30.2	21.2	28.8	20.2	26.7	18.7	24.8	19.1
2050s High 10%	28.0	19.5	26.3	18.7	24.9	18.1	23.0	17.2	21.2	16.5
2050s High 33%	29.0	20.1	27.5	20.0	26.2	18.8	24.1	18.2	22.1	17.4
2050s High 50%	29.8	20.0	28.2	19.4	26.9	18.5	24.9	18.0	23.1	17.3
2050s High 66%	30.3	21.0	28.7	19.7	27.5	19.4	25.4	18.4	23.4	17.6
2050s High 90%	32.3	21.4	30.7	20.5	29.4	19.9	27.0	19.1	24.9	18.0
2080s Medium 10%	28.7	20.6	27.2	19.1	25.9	18.6	23.9	17.6	22.0	16.3
2080s Medium 33%	30.0	20.5	28.4	19.9	27.1	19.4	25.0	18.1	22.9	17.1
2080s Medium 50%	30.8	21.2	29.2	20.7	27.8	19.5	25.8	18.5	23.8	17.6
2080s Medium 66%	31.8	22.9	30.2	20.4	28.8	19.6	26.7	18.9	24.7	18.5
2080s Medium 90%	34.3	22.1	32.7	21.3	31.1	21.3	28.8	20.5	26.7	19.6
2080s High 10%	29.1	20.5	27.6	19.6	26.3	19.0	24.3	17.8	22.5	17.1
2080s High 33%	30.6	21.7	29.1	20.6	27.8	19.8	25.6	18.8	23.7	17.4
2080s High 50%	31.9	22.8	30.5	20.6	29.1	20.0	27.1	18.4	25.1	18.8
2080s High 66%	33.3	22.0	31.7	21.4	30.4	21.2	28.1	21.1	25.8	19.0
2080s High 90%	35.9	23.9	34.2	24.8	32.6	24.3	30.1	20.5	27.9	20.1

**Table 2.24(l)** Summertime 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									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	24.1	18.4	22.9	17.7	21.9	17.2	20.3	16.3	18.9	15.8
2030s Medium 10%	25.1	19.7	23.9	18.9	22.9	18.1	21.3	17.5	19.8	16.2
2030s Medium 33%	26.1	19.9	24.8	19.2	23.7	19.1	22.1	17.6	20.6	17.3
2030s Medium 50%	26.5	20.3	25.3	19.3	24.1	19.2	22.5	18.2	21.0	17.5
2030s Medium 66%	27.4	20.2	26.0	19.6	24.9	18.8	23.2	18.6	21.5	17.5
2030s Medium 90%	28.5	21.3	27.2	20.4	26.1	20.0	24.4	19.2	22.8	17.6
2030s High 10%	24.9	19.4	23.6	18.3	22.5	17.8	20.9	17.1	19.5	15.5
2030s High 33%	26.1	19.2	24.9	18.4	23.8	18.3	22.2	17.8	20.7	16.7
2030s High 50%	26.7	20.0	25.4	19.4	24.4	18.9	22.7	17.8	21.2	17.5
2030s High 66%	27.2	20.3	26.0	20.2	24.9	18.7	23.2	18.4	21.6	17.1
2030s High 90%	27.9	21.2	26.6	20.2	25.5	19.8	23.8	17.7	22.1	18.0
2050s Medium 10%	25.8	19.8	24.6	18.8	23.5	18.1	21.8	17.4	20.4	17.0
2050s Medium 33%	26.9	20.2	25.7	19.3	24.7	19.3	23.1	18.1	21.5	17.8
2050s Medium 50%	27.9	20.5	26.6	19.7	25.4	19.5	23.7	18.1	22.1	17.5
2050s Medium 66%	28.4	21.2	27.1	20.4	26.1	19.8	24.3	19.1	22.7	18.4
2050s Medium 90%	30.5	22.1	29.1	22.5	28.1	21.9	26.3	21.2	24.6	19.1
2050s High 10%	25.6	19.4	24.4	18.8	23.4	18.0	21.9	17.2	20.5	16.4
2050s High 33%	27.2	20.5	25.9	19.2	24.8	18.7	23.2	17.9	21.8	17.3
2050s High 50%	28.0	20.9	26.6	20.3	25.5	19.9	23.8	18.9	22.3	17.6
2050s High 66%	28.8	21.2	27.6	20.7	26.4	19.8	24.5	19.8	22.9	18.3
2050s High 90%	30.5	21.1	29.2	20.3	28.0	19.7	26.2	20.9	24.5	18.8
2080s Medium 10%	26.8	19.7	25.5	19.5	24.3	18.8	22.6	18.0	21.2	17.3
2080s Medium 33%	28.1	20.9	26.8	20.7	25.8	19.2	24.1	19.6	22.7	18.0
2080s Medium 50%	29.3	21.1	27.9	20.8	26.9	19.8	25.2	19.5	23.3	18.3
2080s Medium 66%	30.2	21.8	28.8	21.9	27.7	20.8	25.9	19.6	24.2	20.1
2080s Medium 90%	32.3	23.7	31.0	22.6	29.8	22.2	28.0	21.4	26.3	21.0
2080s High 10%	27.7	21.5	26.5	20.0	25.3	19.5	23.8	18.7	22.2	18.0
2080s High 33%	29.2	23.4	27.9	23.2	26.9	20.4	25.2	20.8	23.6	19.9
2080s High 50%	30.3	22.8	29.0	21.3	27.8	21.0	26.1	20.1	24.5	19.5
2080s High 66%	31.5	22.3	30.2	22.4	29.1	21.6	27.3	20.8	25.6	20.8
2080s High 90%	34.3	23.6	33.0	22.7	31.9	22.3	29.9	22.1	27.8	20.9

**Table 2.24(m)** Summertime 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 (°C) equal to or exceeded for stated percentage of hours in the year									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	27.0	19.2	25.6	18.3	24.5	17.9	22.7	17.1	21.0	16.3
2030s Medium 10%	27.8	19.3	26.4	19.2	25.2	18.8	23.4	18.1	21.8	17.1
2030s Medium 33%	28.8	20.6	27.5	19.8	26.3	18.6	24.4	18.1	22.7	17.2
2030s Medium 50%	29.5	20.2	28.1	19.9	26.9	19.3	25.1	17.7	23.2	17.6
2030s Medium 66%	30.3	21.5	28.7	20.5	27.6	19.8	25.7	18.3	23.8	18.1
2030s Medium 90%	31.7	21.7	30.3	21.2	29.0	21.0	27.1	19.4	25.1	17.9
2030s High 10%	28.1	20.1	26.6	18.7	25.4	18.4	23.5	17.4	21.9	16.6
2030s High 33%	29.1	20.8	27.6	20.6	26.4	20.0	24.5	19.3	22.8	18.2
2030s High 50%	29.7	20.9	28.2	20.5	27.0	19.7	25.1	17.9	23.3	17.7
2030s High 66%	30.3	21.4	28.9	20.1	27.6	19.6	25.7	18.6	23.9	17.4
2030s High 90%	31.7	23.4	30.3	22.2	29.0	21.3	26.9	20.2	25.1	18.7
2050s Medium 10%	28.6	20.1	27.3	19.6	26.1	18.9	24.2	17.6	22.5	17.0
2050s Medium 33%	29.8	21.1	28.4	19.9	27.2	19.2	25.4	17.5	23.6	16.7
2050s Medium 50%	30.8	21.3	29.3	20.5	28.1	19.9	26.2	19.1	24.2	17.8
2050s Medium 66%	31.7	21.1	30.2	20.0	28.9	22.9	26.9	19.2	24.9	18.9
2050s Medium 90%	34.1	22.8	32.7	21.5	31.4	20.6	29.2	19.7	27.0	20.3
2050s High 10%	28.5	19.9	27.2	18.8	26.0	18.9	24.3	17.9	22.6	17.2
2050s High 33%	30.4	20.4	28.9	20.8	27.7	19.9	25.7	19.1	24.0	18.2
2050s High 50%	31.2	21.5	29.8	20.0	28.5	20.1	26.6	18.7	24.7	19.4
2050s High 66%	31.9	21.5	30.4	21.1	29.2	20.5	27.2	18.2	25.3	18.7
2050s High 90%	34.0	22.6	32.6	21.9	31.2	20.9	29.0	21.1	27.0	20.2
2080s Medium 10%	29.8	20.4	28.5	20.1	27.2	19.6	25.2	19.4	23.6	18.3
2080s Medium 33%	31.4	20.5	30.0	21.5	28.7	20.9	26.7	19.3	24.7	19.1
2080s Medium 50%	32.2	21.4	30.7	22.3	29.5	21.9	27.6	20.7	25.7	18.9
2080s Medium 66%	33.6	21.5	32.1	21.5	30.9	21.0	28.9	19.2	26.9	19.1
2080s Medium 90%	36.7	24.7	35.3	22.3	33.8	23.3	31.6	22.4	29.2	21.4
2080s High 10%	30.1	21.3	28.8	20.5	27.5	19.8	25.7	19.3	24.1	18.4
2080s High 33%	32.5	21.0	31.1	20.3	29.8	19.2	27.7	19.0	25.8	18.3
2080s High 50%	33.7	22.4	32.1	21.9	30.9	21.4	28.9	20.7	26.9	19.6
2080s High 66%	34.9	23.0	33.4	21.7	32.0	23.8	30.0	20.4	27.8	21.4
2080s High 90%	38.7	26.8	37.1	26.3	35.9	26.0	33.6	25.9	30.5	20.4

**Table 2.24(n)** Summertime 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									
	0.4%		1%		2%		5%		10%	
	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb	Dry-bulb	Wet-bulb
1970s Weather generator	26.6	18.7	25.1	18.4	23.8	17.4	21.9	16.5	20.0	15.7
2030s Medium 10%	27.5	19.3	26.0	18.9	24.6	18.4	22.6	17.5	20.8	16.4
2030s Medium 33%	28.6	19.6	27.0	18.7	25.7	18.3	23.7	18.1	21.8	16.2
2030s Medium 50%	29.4	21.3	27.8	19.1	26.4	19.0	24.3	17.8	22.4	17.1
2030s Medium 66%	30.0	20.5	28.3	19.6	27.0	18.7	24.8	18.0	22.8	17.4
2030s Medium 90%	31.5	21.2	29.9	20.7	28.6	19.9	26.4	18.2	24.3	17.5
2030s High 10%	27.8	19.1	26.3	18.3	24.9	18.2	22.9	17.0	21.1	16.1
2030s High 33%	28.8	21.1	27.3	20.4	26.1	19.5	24.0	18.6	22.0	18.0
2030s High 50%	29.5	20.3	28.0	20.1	26.6	19.3	24.5	18.3	22.5	17.5
2030s High 66%	29.8	21.0	28.3	20.2	26.9	19.9	24.9	17.9	22.9	18.3
2030s High 90%	31.3	21.4	29.9	20.8	28.6	20.5	26.4	19.3	24.2	17.6
2050s Medium 10%	28.2	20.0	26.8	19.2	25.5	18.5	23.4	17.7	21.5	16.7
2050s Medium 33%	29.6	20.6	28.0	19.2	26.8	19.4	24.7	19.6	22.9	17.2
2050s Medium 50%	30.2	20.6	28.8	19.9	27.4	18.8	25.3	18.4	23.3	17.4
2050s Medium 66%	31.1	21.0	29.5	19.6	28.1	22.0	26.0	17.9	24.1	17.0
2050s Medium 90%	33.8	22.1	32.1	21.6	30.7	20.8	28.5	19.3	26.2	18.3
2050s High 10%	28.2	19.9	26.8	18.8	25.5	18.4	23.5	17.2	21.7	16.5
2050s High 33%	30.0	21.4	28.3	20.3	27.0	19.4	24.9	17.5	23.1	16.7
2050s High 50%	30.8	21.9	29.2	20.3	27.9	19.9	25.8	19.3	23.9	17.6
2050s High 66%	31.7	21.1	30.1	20.4	28.8	18.7	26.5	20.1	24.5	18.3
2050s High 90%	33.5	23.1	31.8	21.8	30.4	21.1	28.2	20.1	26.1	19.2
2080s Medium 10%	29.6	20.8	28.1	19.8	26.9	19.3	24.8	18.7	22.8	17.8
2080s Medium 33%	30.9	20.6	29.3	20.7	28.0	19.9	26.0	19.1	24.0	18.1
2080s Medium 50%	31.9	21.5	30.4	20.8	29.0	20.6	26.8	19.4	24.7	18.5
2080s Medium 66%	33.0	25.2	31.4	20.9	29.9	20.4	27.9	19.5	25.9	18.7
2080s Medium 90%	36.5	23.3	34.8	23.2	33.4	22.3	31.0	21.4	28.3	20.8
2080s High 10%	29.9	20.6	28.4	19.8	27.1	19.4	25.1	18.3	23.2	17.1
2080s High 33%	31.6	21.6	30.1	20.5	28.9	20.7	26.7	19.7	24.8	18.5
2080s High 50%	33.2	20.9	31.6	21.4	30.3	21.0	28.1	19.8	26.0	22.2
2080s High 66%	34.7	22.6	33.1	22.2	31.7	21.2	29.4	20.1	27.2	21.1
2080s High 90%	39.2	24.7	37.5	26.2	36.1	26.3	32.9	25.2	30.1	20.8