

Table 2.14(k) Air and corresponding sol-air temperatures: Nottingham (Watnall) (January 2002–December 2011)

January 21

Time*	Air temp.	Sol-air temperature (°C) for stated orientation and surface colour																	
		Horizontal		North		North-east		East		South-east		South		South-west		West		North-west	
		Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light
0030	1.3	0.1	0.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
0130	0.7	-2.6	-2.6	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
0230	0.2	-3.1	-3.1	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9
0330	-0.1	-3.4	-3.4	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2
0430	-0.4	-3.7	-3.7	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
0530	-0.3	-3.6	-3.6	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
0630	-0.3	-3.6	-3.6	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
0730	-0.3	-3.6	-3.6	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
0830	-0.3	-3.0	-3.3	-0.9	-1.1	-0.9	-1.1	-0.9	-1.1	-0.9	-1.1	-0.9	-1.1	-0.9	-1.1	-0.9	-1.1	-0.9	-1.1
0930	0.4	1.0	-0.8	1.1	0.3	1.1	0.3	14.9	7.9	22.7	12.3	18.0	9.7	3.4	1.6	1.1	0.3	1.1	0.3
1030	1.1	5.1	1.8	2.6	1.4	2.6	1.4	17.2	9.5	34.7	19.2	33.2	18.5	13.8	7.6	2.6	1.4	2.6	1.4
1130	1.7	7.8	3.6	3.7	2.3	3.7	2.3	10.9	6.3	35.3	19.9	41.0	23.0	24.7	14.0	3.7	2.3	3.7	2.3
1230	2.5	9.3	4.8	4.7	3.2	4.7	3.2	4.7	3.2	31.4	18.0	45.0	25.6	34.8	19.9	6.6	4.3	4.7	3.2
1330	2.6	8.6	4.5	4.5	3.1	4.5	3.1	4.5	3.1	23.4	13.7	44.6	25.4	42.0	24.0	17.2	10.2	4.5	3.1
1430	2.3	5.8	2.8	3.4	2.4	3.4	2.4	3.4	2.4	12.5	7.4	38.2	21.7	43.3	24.6	25.0	14.4	3.4	2.4
1530	1.6	1.7	0.2	2.2	1.5	2.5	1.6	2.2	1.5	2.0	1.3	2.2	1.5	2.5	1.6	2.2	1.5	2.0	1.3
1630	0.3	-2.3	-2.5	-0.5	-0.6	-0.5	-0.6	-0.5	-0.6	-0.5	-0.6	-0.5	-0.6	-0.5	-0.6	-0.5	-0.6	-0.5	-0.6
1730	-0.1	-2.0	-2.0	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8
1830	-0.6	-3.9	-3.9	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7
1930	-0.6	-3.9	-3.9	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7
2030	-0.9	-2.1	-2.1	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3
2130	-0.9	-1.4	-1.4	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1
2230	-1.1	-1.6	-1.6	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3
2330	1.5	0.6	0.6	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Mean	0.4	-0.2	-1.1	0.3	-0.1	0.3	-0.1	1.7	0.7	6.1	3.2	8.6	4.6	6.2	3.2	1.8	0.8	0.3	-0.1

* Greenwich Mean Time

February 21

Time*	Air temp.	Sol-air temperature (°C) for stated orientation and surface colour																	
		Horizontal		North		North-east		East		South-east		South		South-west		West		North-west	
		Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light
0030	3.5	0.2	0.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
0130	2.1	-1.2	-1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0230	2.0	-1.3	-1.3	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
0330	2.3	-1.0	-1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
0430	1.4	-1.9	-1.9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0530	0.8	-2.5	-2.5	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
0630	0.5	-2.8	-2.8	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
0730	0.7	-2.4	-2.5	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
0830	3.2	3.2	1.7	4.0	3.2	5.8	4.2	10.0	6.4	10.9	7.0	8.0	5.4	4.0	3.2	4.0	3.2	4.0	3.2
0930	6.9	12.1	8.3	9.1	7.6	9.1	7.6	29.7	19.1	39.0	24.3	30.8	19.6	9.7	7.9	9.1	7.6	9.1	7.6
1030	8.7	18.5	12.6	11.8	9.9	11.8	9.9	30.5	20.3	49.5	30.9	46.1	29.0	22.2	15.7	11.8	9.9	11.8	9.9
1130	10.2	23.1	15.9	14.3	12.0	14.3	12.0	23.3	17.0	50.2	31.9	55.6	34.9	36.2	24.1	14.3	12.0	14.3	12.0
1230	10.8	24.8	17.1	15.4	12.8	15.4	12.8	43.8	28.6	58.3	36.7	47.1	30.5	16.8	13.6	15.4	12.8		
1330	11.3	24.2	17.0	15.5	13.1	15.5	13.1	33.9	23.3	56.6	36.0	54.7	34.9	29.3	20.8	15.5	13.1		
1430	11.4	21.0	15.3	14.4	12.6	14.4	12.6	21.6	16.6	50.0	32.3	57.1	36.3	38.8	26.1	14.4	12.6		
1530	9.5	14.5	10.8	11.1	9.9	11.1	9.9	11.1	9.9	36.7	24.1	50.1	31.6	40.4	26.2	13.4	11.2		
1630	7.3	7.2	5.7	7.6	7.0	7.6	7.0	7.6	7.0	18.3	12.9	29.1	18.9	27.4	18.0	14.1	10.6		
1730	5.4	2.2	2.1	4.4	4.3	4.4	4.3	4.4	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	
1830	3.4	0.1	0.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	
1930	2.2	-1.1	-1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
2030	2.0	-1.3	-1.3	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
2130	2.2	-1.1	-1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
2230	2.3	-1.0	-1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
2330	4.1	0.8	0.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
Mean	4.8	5.6	3.7	5.1	4.4	5.1	4.5	7.3	5.7	11.9	8.2	15.8	10.4	13.7	9.2	8.8	6.5	5.4	4.6

* Greenwich Mean Time

Table 2.14(k) Air and corresponding sol-air temperatures: Nottingham (Watnall) (January 2002–December 2011) — *continued*

March 21

Time*	Air temp.	Sol-air temperature (°C) for stated orientation and surface colour																	
		Horizontal		North		North-east		East		South-east		South		South-west		West		North-west	
		Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light
0030	-3.3	-6.6	-6.6	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
0130	-3.7	-7.0	-7.0	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8
0230	-4.1	-7.4	-7.4	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2
0330	-4.7	-7.3	-7.3	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6
0430	-4.6	-7.9	-7.9	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7
0530	-5.0	-8.3	-8.3	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1
0630	-4.7	-8.0	-8.0	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8
0730	-3.3	-3.8	-5.0	-2.4	-3.3	-1.7	-2.9	-1.0	-2.5	-1.1	-2.6	-2.0	-3.1	-2.4	-3.3	-2.4	-3.3	-2.4	-3.3
0830	-1.3	5.2	1.0	1.9	0.0	8.5	3.7	22.1	11.2	23.9	12.3	12.9	6.1	1.9	0.0	1.9	0.0	1.9	0.0
0930	0.0	11.5	4.9	4.1	1.8	4.9	2.2	27.9	15.0	36.7	19.9	26.1	14.0	4.1	1.8	4.1	1.8	4.1	1.8
1030	1.6	19.0	9.8	6.0	3.5	6.0	3.5	27.4	15.4	47.2	26.4	42.3	23.7	15.4	8.8	6.0	3.5	6.0	3.5
1130	3.1	24.1	13.3	7.6	5.1	7.6	5.1	17.1	10.4	46.3	26.6	52.1	29.8	31.2	18.2	7.6	5.1	7.6	5.1
1230	3.5	25.9	14.4	7.9	5.5	7.9	5.5	7.9	5.5	38.1	22.2	55.9	32.1	44.9	26.0	11.6	7.5	7.9	5.5
1330	3.9	22.9	13.0	8.4	5.9	8.4	5.9	8.4	5.9	23.3	14.2	48.2	28.0	49.1	28.5	25.4	15.4	8.4	5.9
1430	4.1	20.1	12.1	8.7	6.4	8.7	6.4	8.7	6.4	10.8	7.5	38.4	22.8	48.1	28.2	34.2	20.5	8.7	6.4
1530	3.7	15.3	8.7	6.6	4.8	6.6	4.8	6.6	4.8	6.6	4.8	32.4	19.1	52.4	30.2	45.0	26.2	14.7	9.3
1630	2.8	7.5	3.9	4.8	3.4	4.8	3.4	4.8	3.4	4.8	3.4	15.6	9.4	32.8	19.0	33.6	19.4	17.4	10.4
1730	1.1	0.5	-0.3	1.7	1.1	1.7	1.1	1.7	1.1	1.7	1.1	1.7	1.1	1.7	1.1	1.7	1.1	1.7	1.1
1830	0.4	-0.5	-0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	-0.6	-1.1	-1.1	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8
2030	-0.8	-1.3	-1.3	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
2130	-1.2	-3.1	-3.1	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9
2230	-1.6	-4.9	-4.9	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
2330	-2.8	-6.1	-6.1	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9
Mean	-0.7	3.3	0.2	0.3	-0.6	0.6	-0.4	3.5	1.2	7.9	3.7	11.5	5.6	9.6	4.6	5.0	2.0	1.2	-0.1

* Greenwich Mean Time

April 21

Time*	Air temp.	Sol-air temperature (°C) for stated orientation and surface colour																	
		Horizontal		North		North-east		East		South-east		South		South-west		West		North-west	
		Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light
0030	13.0	11.8	11.8	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
0130	13.8	12.9	12.9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
0230	13.9	13.4	13.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
0330	14.1	13.6	13.6	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
0430	13.5	13.1	13.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
0530	13.5	13.4	13.2	13.6	13.5	13.6	13.5	13.6	13.5	13.6	13.5	13.6	13.5	13.6	13.5	13.6	13.5	13.6	13.5
0630	13.0	14.9	13.6	14.7	13.8	15.2	14.0	15.3	14.2	15.1	14.0	14.7	13.8	14.7	13.8	14.7	13.8	14.7	13.8
0730	14.0	20.8	16.6	17.7	15.6	28.0	21.4	35.2	25.4	32.3	23.8	21.1	17.6	17.7	15.6	17.7	15.6	17.7	15.6
0830	14.5	27.9	21.2	20.0	17.3	29.1	22.3	43.0	30.1	43.3	30.3	29.9	22.8	20.0	17.3	20.0	17.3	20.0	17.3
0930	15.5	26.6	20.8	22.1	18.8	24.2	20.1	29.5	23.0	31.2	23.9	28.3	22.3	22.1	18.8	22.1	18.8	22.1	18.8
1030	16.8	42.4	29.6	22.1	19.2	22.1	19.2	44.0	31.4	62.2	41.5	56.2	38.2	29.4	23.3	22.1	19.2	22.1	19.2
1130	17.4	45.5	31.5	23.0	20.0	23.0	20.0	30.5	24.2	56.1	38.4	61.6	41.4	43.7	31.5	23.0	20.0	23.0	20.0
1230	16.5	42.2	29.9	23.3	20.0	23.3	20.0	23.3	20.0	41.1	29.9	54.7	37.4	49.0	34.3	27.5	22.3	23.3	20.0
1330	16.5	42.9	30.8	23.0	20.0	23.0	20.0	20.0	20.0	30.9	24.3	53.9	37.1	58.0	39.4	40.9	29.9	23.0	20.0
1430	16.6	39.8	28.3	21.6	19.0	21.6	19.0	21.6	19.0	21.6	19.0	49.8	34.6	65.2	43.2	54.4	37.2	23.6	20.1
1530	16.4	35.9	26.6	20.8	18.6	20.8	18.6	20.8	18.6	20.8	18.6	40.3	29.4	65.1	43.2	63.3	42.2	36.0	27.1
1630	15.3	24.4	19.8	19.6	17.5	19.6	17.5	19.6	17.5	19.6	17.5	23.9	19.9	36.1	26.7	38.9	28.2	30.5	23.6
1730	14.3	21.9	17.0	15.6	14.5	14.4	14.4	15.4	14.4	15.4	14.4	14.4	14.4	58.4	38.3	76.9	48.6	59.2	38.8
1830	13.2	16.2	14.2	13.8	13.3	13.9	13.3	14.2	13.5	14.1	13.4	13.8	13.3	13.9	13.3	14.2	13.5	14.1	13.4
1930	12.0	9.1	8.9	11.3	11.1	11.3	11.1	11.3	11.1	11.3	11.1	11.3	11.1	11.3	11.1	11.3	11.1	11.3	11.1
2030	11.2	7.9	7.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
2130	10.1	6.8	6.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
2230	8.8	5.5	5.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
2330	13.0	12.5	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
Mean	14.0	21.7	17.5	16.2	14.9	17.1	15.4	19.4	16.7	22.3	18.3	24.8	19.7	26.0	20.4	23.6	19.1	19.2	16.6

* Greenwich Mean Time

Table 2.14(k) Air and corresponding sol-air temperatures: Nottingham (Watnall) (January 2002–December 2011) — *continued*

May 21

Time*	Air temp.	Sol-air temperature (°C) for stated orientation and surface colour																	
		Horizontal		North		North-east		East		South-east		South		South-west		West		North-west	
		Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light
0030	15.6	13.3	13.3	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
0130	14.6	11.6	11.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
0230	14.3	11.0	11.0	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
0330	13.9	10.6	10.6	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
0430	14.1	11.5	11.2	13.6	13.3	13.7	13.3	13.7	13.3	13.6	13.3	13.6	13.3	13.7	13.3	13.6	13.3	13.6	13.3
0530	15.1	16.0	14.1	19.9	17.2	25.4	20.3	25.9	20.6	21.1	17.9	16.4	15.3	16.4	15.3	16.4	15.3	16.4	15.3
0630	16.7	22.8	18.6	22.7	19.5	37.0	27.5	41.3	29.9	33.3	25.4	19.9	18.0	19.9	18.0	19.9	18.0	19.9	18.0
0730	19.3	31.2	24.4	24.0	21.4	42.7	31.8	53.1	37.6	46.3	33.8	26.1	22.6	24.0	21.4	24.0	21.4	24.0	21.4
0830	21.4	38.7	29.5	27.2	24.1	40.8	31.6	56.6	40.5	54.8	39.4	36.2	29.1	27.2	24.1	27.2	24.1	27.2	24.1
0930	22.9	45.0	33.7	29.5	26.1	34.4	28.8	54.4	39.9	59.1	42.5	45.7	35.0	29.5	26.1	29.5	26.1	29.5	26.1
1030	24.4	49.7	37.0	31.6	27.9	31.6	27.9	47.5	36.7	58.7	42.9	53.1	39.8	34.0	29.3	31.6	27.9	31.6	27.9
1130	25.1	52.3	38.7	32.6	28.7	32.6	28.7	37.3	31.4	53.9	40.6	57.2	42.4	45.0	35.7	32.6	28.7	32.6	28.7
1230	25.5	52.9	39.2	32.9	29.1	32.9	29.1	32.9	29.1	46.0	36.4	57.8	43.0	54.1	40.9	37.0	31.4	32.9	29.1
1330	26.2	52.7	39.4	33.1	29.5	33.1	29.5	33.1	29.5	36.3	31.3	56.3	42.4	61.8	45.5	49.5	38.6	33.1	29.5
1430	26.6	50.4	38.3	32.7	29.5	32.7	29.5	32.7	29.5	32.7	29.5	51.2	39.8	65.9	47.9	60.3	44.8	37.7	32.3
1530	26.6	46.1	35.9	31.9	29.0	31.9	29.0	31.9	29.0	31.9	29.0	43.1	35.2	65.2	47.6	67.1	48.6	47.7	37.8
1630	26.4	41.0	33.0	30.4	28.1	30.4	28.1	30.4	28.1	30.4	33.5	29.8	61.7	45.5	71.1	50.7	56.1	42.4	42.4
1730	26.4	34.2	29.4	32.8	29.5	29.6	27.7	29.6	27.7	29.6	27.7	29.6	27.7	48.2	38.0	59.3	44.2	53.0	40.7
1830	24.0	27.8	24.8	36.8	30.6	25.4	24.3	25.4	24.3	25.4	24.3	25.4	24.3	42.4	33.7	61.2	44.2	58.9	42.9
1930	22.0	20.4	19.6	22.0	21.5	22.0	21.5	22.1	21.6	22.1	21.6	22.0	21.5	22.0	21.5	22.1	21.6	22.1	21.6
2030	20.5	17.3	17.2	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
2130	19.2	15.9	15.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
2230	17.4	14.1	14.1	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
2330	14.9	11.6	11.6	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
Mean	20.5	29.1	23.8	24.0	22.0	25.7	22.9	28.7	24.6	29.9	25.2	29.5	25.0	31.4	26.1	31.0	25.9	27.4	23.9

* Greenwich Mean Time

June 21

Time*	Air temp.	Sol-air temperature (°C) for stated orientation and surface colour																	
		Horizontal		North		North-east		East		South-east		South		South-west		West		North-west	
		Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light
0030	13.9	12.7	12.7	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
0130	13.8	13.3	13.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
0230	13.8	11.5	11.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
0330	13.3	10.0	10.0	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
0430	13.4	11.5	10.8	13.5	12.9	13.5	12.9	13.5	12.9	13.5	12.9	13.5	12.9	13.5	12.9	13.5	12.9	13.5	12.9
0530	14.4	16.2	13.9	20.7	17.4	27.0	20.9	27.1	21.0	21.1	17.6	16.1	14.8	16.1	14.8	16.1	14.8	16.1	14.8
0630	16.0	23.6	18.7	24.1	20.0	41.4	29.6	45.7	32.0	34.6	25.8	19.4	17.4	19.4	17.4	19.4	17.4	19.4	17.4
0730	18.0	30.6	23.5	22.9	20.2	42.5	31.1	51.5	36.1	43.5	31.7	23.2	20.4	22.9	20.2	22.9	20.2	22.9	20.2
0830	19.4	37.8	28.1	25.3	22.2	40.9	30.8	55.7	39.1	52.2	37.1	32.3	26.0	25.3	22.2	25.3	22.2	25.3	22.2
0930	20.7	43.9	32.1	27.4	23.9	34.3	27.7	53.1	38.2	56.0	39.8	41.3	31.7	27.4	23.9	27.4	23.9	27.4	23.9
1030	21.7	48.1	35.1	29.2	25.4	29.2	25.4	45.5	34.5	54.7	39.6	48.0	35.9	29.4	25.5	29.2	25.4	29.2	25.4
1130	23.2	51.0	37.1	30.9	27.0	30.9	27.0	36.4	30.0	50.8	38.0	52.6	39.0	40.8	32.4	30.9	27.0	30.9	27.0
1230	23.4	52.2	37.9	30.8	27.0	30.8	27.0	30.8	27.0	43.5	34.0	54.1	39.9	50.1	37.7	33.9	28.7	30.8	27.0
1330	23.2	51.0	37.1	30.3	26.6	30.3	26.6	30.3	26.6	33.0	28.1	51.5	38.4	56.7	41.3	45.4	35.0	30.3	26.6
1430	23.7	48.5	36.0	30.2	26.8	30.2	26.8	30.2	26.8	30.2	26.8	46.5	35.9	60.3	43.5	55.6	40.9	35.2	29.6
1530	23.6	44.3	33.6	29.3	26.3	29.3	26.3	29.3	26.3	29.3	26.3	38.8	31.6	59.8	43.2	62.2	44.5	44.6	34.8
1630	23.5	38.9	30.6	28.2	25.6	28.2	25.6	28.2	25.6	28.2	25.6	30.0	26.6	55.2	40.6	64.0	45.5	51.4	38.5
1730	23.2	33.4	27.4	30.9	27.0	26.6	24.6	26.6	24.6	26.6	24.6	24.6	24.6	24.6	36.7	62.7	44.6	55.4	40.6
1830	21.7	25.0	22.0	29.8	25.7	23.8	22.4	23.8	22.4	23.8	22.4	22.4	31.9	26.8	40.8	31.8	40.0	31.3	
1930	19.8	17.9	17.3	20.0	19.4	19.8	19.3	19.8	19.3	19.8	19.3	19.8	19.3	19.4	20.2	19.5	20.3	19.6	
2030	18.7	15.7	15.5	17.8	17.7	17.8	17.7	17.8	17.7	17.8	17.7	17.8	17.7	17.8	17.7	17.8	17.7	17.7	
2130	17.7	14.4	14.4	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	
2230	17.3	14.0	14.0	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	
2330	15.1	12.1	12.1	14.1</td															

Table 2.14(k) Air and corresponding sol-air temperatures: Nottingham (Watnall) (January 2002–December 2011) — *continued*

July 21

Time*	Air temp.	Sol-air temperature (°C) for stated orientation and surface colour																	
		Horizontal		North		North-east		East		South-east		South		South-west		West		North-west	
		Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light
0030	16.3	13.0	13.0	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
0130	15.6	12.3	12.3	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
0230	15.0	11.7	11.7	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
0330	14.7	11.4	11.4	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
0430	15.1	12.3	12.1	14.5	14.2	14.5	14.2	14.5	14.2	14.5	14.2	14.5	14.2	14.5	14.2	14.5	14.2	14.5	14.2
0530	16.3	16.7	15.0	20.8	18.3	25.7	21.0	25.9	21.2	21.4	18.6	17.3	16.3	17.3	16.3	17.3	16.3	17.3	16.3
0630	19.1	24.4	20.6	25.5	22.2	39.0	29.6	42.6	31.7	34.3	27.1	22.0	20.2	22.0	20.2	22.0	20.2	22.0	20.2
0730	21.6	32.3	26.0	26.1	23.6	44.1	33.6	52.9	38.5	45.8	34.6	27.2	24.2	26.1	23.6	26.1	23.6	26.1	23.6
0830	24.3	40.1	31.6	30.1	27.0	43.8	34.6	57.6	42.3	54.9	40.8	37.3	31.0	30.1	27.0	30.1	27.0	30.1	27.0
0930	26.0	46.2	35.8	32.8	29.3	38.8	32.6	56.3	42.3	59.4	44.0	46.3	36.8	32.8	29.3	32.8	29.3	32.8	29.3
1030	28.9	52.8	40.7	36.3	32.5	36.3	32.5	52.6	41.6	61.9	46.7	55.4	43.1	37.0	32.9	36.3	32.5	36.3	32.5
1130	29.7	56.0	42.8	37.3	33.4	33.4	43.6	36.9	58.7	45.3	60.4	46.2	47.6	39.1	37.3	33.4	37.3	33.4	37.3
1230	30.5	57.6	44.1	38.0	34.2	38.0	34.2	38.0	34.2	52.1	42.0	62.3	47.7	57.3	44.9	40.1	35.3	38.0	34.2
1330	30.6	56.5	43.5	37.8	34.1	37.8	34.1	37.8	34.1	42.4	36.6	60.1	46.5	63.8	48.5	51.4	41.7	37.8	34.1
1430	30.6	53.7	42.0	37.2	33.8	37.2	33.8	37.2	33.8	37.2	33.8	54.9	43.6	67.0	50.3	60.9	46.9	40.1	35.3
1530	30.3	49.1	39.2	36.2	33.1	36.2	33.1	36.2	33.1	36.2	33.1	47.0	39.1	65.4	49.3	66.1	49.7	48.6	39.9
1630	28.9	42.4	34.9	33.7	31.1	33.7	31.1	33.7	31.1	33.7	31.1	37.3	33.0	58.6	44.9	65.0	48.4	52.7	41.6
1730	27.9	35.8	30.8	33.5	30.5	31.4	29.3	31.4	29.3	31.4	29.3	31.4	29.3	49.0	39.1	58.6	44.4	52.1	40.9
Mean	22.8	30.8	25.7	26.1	24.2	28.1	25.3	30.9	26.8	31.9	27.3	31.4	27.1	32.5	27.7	31.7	27.3	28.6	25.5

* Greenwich Mean Time

August 21

Time*	Air temp.	Sol-air temperature (°C) for stated orientation and surface colour																	
		Horizontal		North		North-east		East		South-east		South		South-west		West		North-west	
		Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light
0030	12.0	8.7	8.7	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
0130	12.2	10.3	10.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0230	11.7	9.4	9.4	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
0330	11.0	8.0	8.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
0430	11.7	8.5	8.4	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
0530	12.0	11.0	10.0	12.0	11.5	12.2	11.6	12.3	11.6	12.1	11.5	12.0	11.5	12.2	11.6	12.3	11.6	12.1	11.5
0630	15.4	18.5	15.6	18.5	16.6	36.1	26.4	42.6	30.0	34.1	25.3	17.1	15.8	17.1	15.8	17.1	15.8	17.1	15.8
0730	17.0	24.5	19.7	20.5	18.4	35.3	26.7	45.4	32.3	40.9	29.8	24.4	20.6	20.5	18.4	20.5	18.4	20.5	18.4
0830	18.6	31.6	24.3	23.5	20.8	34.9	27.2	51.6	36.5	51.5	36.4	34.7	27.0	23.5	20.8	23.5	20.8	23.5	20.8
0930	19.5	36.6	27.5	25.5	22.4	28.8	24.1	48.8	35.3	54.8	38.6	43.1	32.1	25.5	22.4	25.5	22.4	25.5	22.4
1030	21.1	41.6	31.1	28.1	24.5	28.1	24.5	43.4	33.0	55.1	39.6	50.5	37.0	32.1	26.8	28.1	24.5	28.1	24.5
1130	21.5	43.7	32.3	28.7	25.0	28.7	25.0	34.4	28.2	51.6	37.7	54.7	39.4	41.9	32.3	28.7	25.0	28.7	25.0
1230	23.5	46.5	34.8	30.6	26.9	30.6	26.9	30.6	26.9	46.8	36.0	58.2	42.3	52.7	39.2	33.4	28.5	30.6	26.9
1330	24.3	46.1	34.9	31.0	27.5	31.0	27.5	31.0	27.5	38.1	31.4	56.7	41.8	59.5	43.4	45.0	35.3	31.0	27.5
1430	24.4	41.6	32.5	30.9	27.5	30.9	27.5	30.9	27.5	30.9	27.5	48.4	37.2	57.3	42.2	50.4	38.3	31.7	28.0
1530	25.4	38.3	31.2	31.1	28.1	31.1	28.1	31.1	28.1	31.1	28.1	41.5	33.9	53.6	40.6	52.4	40.0	38.7	32.3
1630	24.4	34.4	28.5	28.1	25.9	28.1	25.9	28.1	25.9	28.1	25.9	35.0	29.8	56.5	41.8	61.1	44.3	46.0	35.9
1730	24.2	27.9	24.8	26.4	24.9	26.4	24.9	26.4	24.9	26.4	24.9	26.7	25.1	41.3	33.2	47.3	36.5	41.2	33.1
1830	23.0	23.0	21.5	23.7	22.9	23.8	23.0	24.1	23.1	24.0	23.0	23.7	22.9	23.8	23.0	24.1	23.1	24.0	23.0
1930	21.0	18.4	18.1	20.6	20.3	20.6	20.3	20.6	20.3	20.6	20.3	20.6	20.3	20.6	20.3	20.6	20.3	20.6	20.3
2030	20.3	17.0	17.0	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
2130	18.4	15.1	15.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
2230	17.8	14.5	14.5	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
2330	12.7	9.4	9.4	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
Mean	18.5	24.3	20.3	20.7	19.2	22.7	20.3	25.8	22.1	27.7	23.1	27.7	23.1	27.4	22.9	25.4	21.8	22.4	20.2

* Greenwich Mean Time

Table 2.14(k) Air and corresponding sol-air temperatures: Nottingham (Watnall) (January 2002–December 2011) — *continued*

September 21

Time*	Air temp.	Sol-air temperature (°C) for stated orientation and surface colour																	
		Horizontal		North		North-east		East		South-east		South		South-west		West		North-west	
		Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light
0030	8.8	6.9	6.9	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
0130	8.8	6.9	6.9	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
0230	9.8	8.9	8.9	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
0330	10.0	9.5	9.5	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
0430	10.1	9.6	9.6	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
0530	10.2	9.5	9.4	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
0630	10.5	11.2	10.7	11.3	10.9	11.3	10.9	11.3	10.9	11.3	10.9	11.3	10.9	11.3	10.9	11.3	10.9	11.3	10.9
0730	11.2	13.9	12.3	13.2	12.1	14.7	13.0	15.7	13.6	15.6	13.5	14.4	12.8	13.2	12.1	13.2	12.1	13.2	12.1
0830	13.0	22.4	17.9	17.3	15.2	22.5	18.1	36.0	25.6	38.6	27.1	28.8	21.6	17.3	15.2	17.3	15.2	17.3	15.2
0930	14.0	26.5	19.8	18.7	16.2	18.7	16.2	38.9	27.4	48.0	32.5	39.8	27.9	19.0	16.4	18.7	16.2	18.7	16.2
1030	15.1	34.3	24.8	19.9	17.4	19.9	17.4	38.4	27.7	59.7	39.5	57.0	38.0	32.0	24.1	19.9	17.4	19.9	17.4
1130	14.9	33.2	24.4	21.1	18.1	21.1	18.1	25.1	20.3	45.4	31.6	50.9	34.7	38.6	27.8	21.1	18.1	21.1	18.1
1230	16.2	30.5	23.0	22.5	19.3	22.5	19.3	22.5	19.3	34.5	25.9	43.0	30.7	39.5	28.8	26.2	21.4	22.5	19.3
1330	17.3	35.5	26.4	22.3	19.7	22.3	19.7	22.3	19.7	32.9	25.6	56.7	38.8	59.7	40.5	40.2	29.7	22.3	19.7
1430	17.8	29.6	22.9	22.2	19.7	22.2	19.7	22.2	19.7	21.9	19.6	43.7	31.7	52.6	36.6	43.5	31.6	22.2	19.7
1530	18.3	30.3	23.5	20.6	19.1	20.6	19.1	20.6	19.1	20.6	19.1	48.0	34.3	73.3	48.4	67.3	45.0	33.5	26.3
1630	18.0	24.4	20.0	19.0	18.1	19.0	18.1	19.0	18.1	36.0	27.5	70.0	46.4	73.9	48.5	45.3	32.7		
1730	17.3	20.5	18.7	20.6	19.0	20.6	19.0	20.6	19.0	20.6	19.0	20.6	19.0	20.6	19.0	20.6	19.0	20.6	19.0
1830	16.3	16.5	16.2	16.2	16.1	16.2	16.1	16.2	16.1	16.2	16.1	16.2	16.1	16.2	16.1	16.2	16.1	16.2	16.1
1930	15.5	15.0	15.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
2030	14.9	14.4	14.4	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
2130	15.1	14.6	14.6	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
2230	14.7	14.2	14.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
2330	9.5	6.2	6.2	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
Mean	13.6	18.5	15.7	15.3	14.3	15.6	14.5	18.0	15.8	21.1	17.6	24.6	19.5	24.4	19.4	21.3	17.7	17.0	15.2

* Greenwich Mean Time

October 21

Time*	Air temp.	Sol-air temperature (°C) for stated orientation and surface colour																	
		Horizontal		North		North-east		East		South-east		South		South-west		West		North-west	
		Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light
0030	4.9	1.6	1.6	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
0130	4.8	2.5	2.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
0230	5.3	2.0	2.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
0330	3.0	-0.3	-0.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
0430	4.4	1.1	1.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
0530	4.1	0.8	0.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
0630	2.0	-1.3	-1.3	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
0730	3.6	2.4	1.4	4.1	3.4	4.1	3.4	4.2	3.4	4.2	3.4	4.1	3.4	4.1	3.4	4.2	3.4	4.2	3.4
0830	6.6	10.2	7.1	8.2	7.0	11.1	8.6	31.0	19.7	37.6	23.3	26.9	17.4	8.2	7.0	8.2	7.0	8.2	7.0
0930	8.4	16.2	11.2	11.1	9.4	11.1	9.4	32.7	21.4	47.1	29.4	40.2	25.6	16.0	12.1	11.1	9.4	11.1	9.4
1030	10.0	20.8	14.5	13.3	11.3	13.3	11.3	27.4	19.2	49.6	31.5	50.1	31.8	28.7	19.9	13.3	11.3	13.3	11.3
1130	11.1	23.7	16.6	14.6	12.5	14.6	12.5	17.8	14.3	47.0	30.5	56.7	35.9	41.3	27.4	14.6	12.5	14.6	12.5
1230	11.6	24.1	17.0	15.0	13.0	15.0	13.0	13.0	13.0	38.6	26.1	57.0	36.3	50.4	32.6	22.5	17.2	15.0	13.0
1330	11.8	22.2	16.1	14.8	13.0	14.8	13.0	14.8	13.0	27.4	20.0	52.1	33.7	54.6	35.0	33.3	23.3	14.8	13.0
1430	12.1	18.7	14.3	14.4	12.9	14.4	12.9	12.9	14.4	16.2	13.9	41.7	28.0	50.9	33.2	38.6	26.3	14.4	12.9
1530	10.7	12.0	10.0	11.9	10.9	11.9	10.9	11.9	10.9	11.9	10.9	22.1	16.5	29.3	20.5	26.4	18.9	15.2	12.7
1630	9.8	8.4	7.8	9.7	9.4	9.8	9.4	9.8	9.4	9.7	9.4	9.7	9.4	9.8	9.4	9.8	9.4	9.7	9.4
1730	8.6	6.0	6.0	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
1830	8.2	7.0	7.0	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
1930	7.6	4.6	4.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
2030	7.7	6.8	6.8	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
2130	7.4	4.8	4.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
2230	7.2	4.2	4.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
2330	5.0	1.7	1.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Mean	7.3	8.3	6.6	7.7	7.1	7.8	7.1	10.2	8.5	14.8	11.0	17.8	12.7	15.0	11.1	10.4	8.6	7.8	7.1

* Greenwich Mean Time

Table 2.14(k) Air and corresponding sol-air temperatures: Nottingham (Watnall) (January 2002–December 2011) — *continued*

November 21

Time*	Air temp.	Sol-air temperature (°C) for stated orientation and surface colour																	
		Horizontal		North		North-east		East		South-east		South		South-west		West		North-west	
		Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light
0030	2.2	-1.1	-1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
0130	2.5	-0.8	-0.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
0230	1.9	-1.4	-1.4	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
0330	1.7	-1.6	-1.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
0430	1.1	-2.2	-2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0530	0.8	-2.5	-2.5	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
0630	0.8	-2.5	-2.5	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
0730	0.6	-2.6	-2.7	-0.4	-0.5	-0.4	-0.5	-0.4	-0.5	-0.4	-0.5	-0.4	-0.5	-0.4	-0.5	-0.4	-0.5	-0.4	-0.5
0830	1.4	0.1	-0.8	1.7	1.1	1.7	1.0	1.8	1.1	1.8	1.1	1.7	1.1	1.7	1.0	1.8	1.1	1.8	1.1
0930	3.8	6.1	3.6	4.8	3.9	4.8	3.9	22.3	13.6	36.0	21.2	31.4	18.6	11.1	7.3	4.8	3.9	4.8	3.9
1030	6.0	11.0	7.3	7.7	6.5	7.7	6.5	19.9	13.2	40.8	24.8	42.2	25.6	23.3	15.1	7.7	6.5	7.7	6.5
1130	7.6	15.3	11.2	10.3	8.8	10.3	8.8	13.2	10.5	37.4	23.9	45.6	28.5	32.9	21.4	10.3	8.8	10.3	8.8
1230	8.6	16.0	11.4	10.9	9.4	10.9	9.4	10.9	9.4	36.1	23.4	54.1	33.4	46.5	29.2	17.7	13.2	10.9	9.4
1330	8.6	13.7	10.1	10.3	9.1	10.3	9.1	10.3	9.1	24.3	16.9	46.4	29.1	47.1	29.5	26.1	17.9	10.3	9.1
1430	8.2	10.2	7.8	8.9	8.1	8.9	8.1	8.9	8.1	13.8	10.8	39.7	25.2	47.4	29.5	32.4	21.2	8.9	8.1
1530	7.3	6.0	5.1	7.2	6.8	7.4	6.9	7.3	6.8	7.1	6.7	7.2	6.8	7.4	6.9	7.3	6.8	7.1	6.7
1630	6.2	3.0	2.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
1730	5.5	2.2	2.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1830	5.7	2.4	2.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
1930	4.9	1.6	1.6	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
2030	5.0	1.7	1.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
2130	4.9	3.7	3.7	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
2230	5.0	4.5	4.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
2330	2.1	-1.2	-1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Mean	4.3	3.4	2.4	4.0	3.7	4.0	3.7	5.4	4.4	9.7	6.8	12.6	8.4	10.5	7.3	5.9	4.7	4.0	3.7

* Greenwich Mean Time

December 21

Time*	Air temp.	Sol-air temperature (°C) for stated orientation and surface colour																	
		Horizontal		North		North-east		East		South-east		South		South-west		West		North-west	
		Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light	Dark	Light
0030	-1.6	-3.2	-3.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2
0130	-1.5	-2.4	-2.4	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8
0230	-1.0	-1.5	-1.5	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2
0330	-1.2	-2.1	-2.1	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
0430	-0.9	-1.4	-1.4	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1
0530	-1.4	-1.9	-1.9	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6
0630	-0.9	-1.4	-1.4	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1
0730	-1.2	-1.7	-1.7	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
0830	-1.4	-1.7	-1.8	-1.4	-1.5	-1.4	-1.5	-1.4	-1.5	-1.4	-1.5	-1.4	-1.5	-1.4	-1.5	-1.4	-1.5	-1.4	-1.5
0930	-0.9	0.9	-0.1	0.7	-0.1	0.7	-0.1	0.7	-0.1	0.8	-0.1	0.7	-0.1	0.7	-0.1	0.7	-0.1	0.8	-0.1
1030	-1.0	1.6	-0.3	0.7	-0.3	0.7	-0.3	5.2	2.2	11.3	5.6	11.4	5.7	5.5	2.4	0.7	-0.3	0.7	-0.3
1130	0.4	6.0	2.0	2.2	0.9	2.2	0.9	8.2	4.2	39.9	21.8	49.2	27.0	30.7	16.7	2.2	0.9	2.2	0.9
1230	0.8	6.7	2.6	2.8	1.4	2.8	1.4	2.8	1.4	32.7	18.0	50.7	28.0	40.3	22.2	7.6	4.1	2.8	1.4
1330	1.0	4.9	1.7	2.2	1.2	2.2	1.2	2.2	1.2	21.2	11.7	45.3	25.1	43.9	24.3	17.9	9.9	2.2	1.2
1430	0.6	1.5	-0.4	0.9	0.2	0.9	0.2	0.9	0.2	8.9	4.7	35.0	19.2	41.0	22.6	23.5	12.8	0.9	0.2
1530	0.0	-2.3	-2.8	-0.6	-0.8	-0.5	-0.8	-0.6	-0.8	-0.7	-0.9	-0.6	-0.8	-0.5	-0.8	-0.6	-0.8	-0.7	-0.9
1630	-0.5	-3.8	-3.8	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6
1730	-1.4	-4.7	-4.7	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
1830	-1.9	-5.2	-5.2	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0
1930	-2.2	-5.5	-5.5	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3
2030	-2.6	-5.9	-5.9	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7
2130	-2.8	-6.1	-6.1	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9
2230	-3.1	-6.4	-6.4	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
2330	-1.8	-3.7	-3.7	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
Mean	-1.1	-1.6	-2.3	-1.2	-1.5	-1.2	-1.5	-0.8	-1.3	3.2	0.9	6.4	2.7	5.1	2.0	0.6	-0.5	-1.2	-1.5

* Greenwich Mean Time