

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