

Table 2.14(d) Air and corresponding sol-air temperatures: Edinburgh (Gogarbank) (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	-0.2	-3.5	-3.5	-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
0130	0.1	-3.2	-3.2	-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	0.1	-2.5	-2.5	-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	-0.3	-1.5	-1.5	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
0430	-0.3	-1.5	-1.5	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
0530	-0.9	-4.2	-4.2	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0
0630	-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
0730	-1.1	-4.4	-4.4	-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
0830	-0.6	-3.6	-3.7	-1.5	-1.6	-1.5	-1.6	-1.5	-1.6	-1.5	-1.6	-1.5	-1.6	-1.5	-1.6	-1.5	-1.6	-1.5	-1.6
0930	0.2	1.2	-0.2	1.2	0.4	0.9	0.3	1.1	0.4	1.4	0.5	1.2	0.4	0.9	0.3	1.1	0.4	1.4	0.5
1030	1.0	3.3	1.0	2.0	1.1	2.0	1.1	15.8	8.8	30.7	17.0	28.8	16.0	11.1	6.2	2.0	1.1	2.0	1.1
1130	2.4	5.2	2.5	3.9	2.7	3.9	2.7	9.4	5.8	24.1	13.9	27.0	15.6	16.5	9.7	3.9	2.7	3.9	2.7
1230	3.1	7.3	3.9	4.8	3.5	4.8	3.5	4.8	3.5	27.4	16.1	37.6	21.7	28.4	16.7	5.3	3.8	4.8	3.5
1330	3.2	6.9	3.7	4.6	3.5	4.6	3.5	4.6	3.5	21.1	12.6	37.2	21.6	34.2	19.9	13.7	8.5	4.6	3.5
1430	3.3	5.8	3.2	4.2	3.3	4.2	3.3	4.2	3.3	14.8	9.2	39.7	23.0	43.7	25.3	24.4	14.5	4.2	3.3
1530	2.6	2.5	1.4	3.1	2.5	3.3	2.6	3.1	2.5	3.0	2.4	3.1	2.5	3.3	2.6	3.1	2.5	3.0	2.4
1630	1.9	-0.8	-1.1	1.3	1.1	1.3	1.1	1.3	1.1	1.3	1.1	1.3	1.1	1.3	1.1	1.3	1.1	1.3	1.1
1730	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
1830	0.4	-2.9	-2.9	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
1930	0.1	-3.2	-3.2	-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
2030	-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
2130	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
2230	-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
2330	-0.6	-2.9	-2.9	-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
Mean	0.6	-0.8	-1.5	0.3	0.0	0.3	0.0	1.1	0.4	4.4	2.3	6.6	3.5	5.0	2.6	1.5	0.7	0.3	0.0

* 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	-0.4	-0.9	-0.9	-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
0130	-0.5	-1.0	-1.0	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
0230	-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
0330	-1.4	-2.6	-2.6	-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
0430	-1.7	-2.9	-2.9	-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	-2.1
0530	-2.7	-5.0	-5.0	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5
0630	-2.9	-6.2	-6.2	-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
0730	-2.4	-3.2	-3.2	-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
0830	-1.3	-0.2	-1.3	-0.4	-1.0	1.1	-0.2	4.0	1.5	4.6	1.8	2.5	0.6	-0.4	-1.0	-0.4	-1.0	-0.4	-1.0
0930	-0.6	1.8	-0.4	1.3	0.0	1.8	0.3	9.1	4.4	12.1	6.0	9.1	4.4	1.3	0.0	1.3	0.0	1.3	0.0
1030	0.7	7.3	2.9	3.3	1.6	3.3	1.6	19.0	10.4	33.5	18.4	30.1	16.5	10.9	5.8	3.3	1.6	3.3	1.6
1130	1.6	12.3	6.0	5.3	3.2	5.3	3.2	15.3	8.7	40.1	22.5	44.0	24.7	24.9	14.1	5.3	3.2	5.3	3.2
1230	2.6	13.5	7.2	6.3	4.2	6.3	4.2	6.3	4.2	33.3	19.1	45.3	25.8	34.1	19.6	6.2	4.1	6.3	4.2
1330	3.6	14.6	8.2	7.5	5.3	7.5	5.3	7.5	5.3	26.5	15.8	46.7	27.0	43.5	25.3	18.8	11.5	7.5	5.3
1430	3.8	11.0	6.3	6.3	4.7	6.3	4.7	6.3	4.7	14.1	9.0	36.7	21.6	41.3	24.2	25.3	15.2	6.3	4.7
1530	3.5	11.6	7.5	6.7	5.1	6.7	5.1	6.7	5.1	6.7	5.1	36.3	21.5	49.8	29.0	37.8	22.4	7.3	5.4
1630	2.7	4.2	3.1	4.2	3.4	4.3	3.4	4.2	3.4	4.2	3.4	4.2	3.4	4.3	3.4	4.2	3.4	4.2	3.4
1730	1.5	1.1	0.9	1.5	1.3	1.5	1.4	1.5	1.4	1.5	1.3	1.5	1.3	1.5	1.4	1.5	1.4	1.5	1.3
1830	1.4	0.9	0.9	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
1930	0.9	0.0	0.0	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
2030	0.4	-0.1	-0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2130	0.3	-0.6	-0.6	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
2230	0.3	-0.2	-0.2	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
2330	-0.5	-1.0	-1.0	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
Mean	0.3	2.2	0.7	1.1	0.5	1.2	0.6	2.7	1.4	6.7	3.6	10.0	5.5	8.2	4.4	3.7	1.9	1.1	0.5

* Greenwich Mean Time

Table 2.14(d) Air and corresponding sol-air temperatures: Edinburgh (Gogarbank) (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	-1.6	-3.5	-3.5	-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	-2.3
0130	-2.1	-4.0	-4.0	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8
0230	-2.8	-3.7	-3.7	-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	-3.1
0330	-2.9	-4.8	-4.8	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6
0430	-3.0	-3.9	-3.9	-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	-2.5	-3.0	-3.0	-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
0630	-2.7	-5.3	-5.3	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6
0730	-2.7	-5.1	-5.5	-3.2	-3.5	-2.8	-3.2	-2.4	-3.0	-2.5	-3.1	-3.0	-3.4	-3.2	-3.5	-3.2	-3.5	-3.2	-3.5
0830	-0.4	2.5	-0.3	1.9	0.4	5.4	2.3	11.0	5.4	11.6	5.8	7.0	3.2	1.9	0.4	1.9	0.4	1.9	0.4
0930	0.6	10.2	4.4	4.1	2.1	5.5	2.8	27.5	15.1	35.6	19.5	25.0	13.7	4.1	2.1	4.1	2.1	4.1	2.1
1030	2.6	17.4	9.3	7.2	4.7	7.2	4.7	27.6	16.0	45.1	25.7	39.9	22.8	15.0	7.2	4.7	7.2	4.7	4.7
1130	3.7	22.1	12.4	9.7	6.5	9.7	6.5	19.3	11.9	44.5	25.9	48.6	28.1	29.1	17.3	9.7	6.5	9.7	6.5
1230	4.1	25.0	14.2	12.3	8.2	12.3	8.2	12.3	8.2	38.4	22.7	51.9	30.2	41.3	24.3	12.8	8.4	12.3	8.2
1330	4.8	24.6	14.3	12.5	8.6	12.5	8.6	12.5	8.6	28.3	17.3	50.4	29.6	49.4	29.1	25.9	16.0	12.5	8.6
1430	4.8	21.4	12.5	10.8	7.6	10.8	7.6	10.8	7.6	15.2	10.1	44.8	26.5	53.6	31.4	36.6	22.0	10.8	7.6
1530	4.5	15.6	9.2	8.0	5.9	8.0	5.9	8.0	5.9	8.0	5.9	33.9	20.3	51.0	29.8	42.4	25.1	13.2	8.8
1630	3.6	8.3	4.9	5.6	4.3	5.6	4.3	5.6	4.3	5.6	4.3	16.8	10.5	32.1	19.0	31.9	18.8	16.1	10.1
1730	2.3	3.4	2.3	3.2	2.6	3.2	2.6	3.2	2.6	3.2	2.6	4.5	3.3	7.6	5.1	8.4	5.5	6.4	4.4
1830	0.6	-2.4	-2.4	-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	-0.4
1930	-2.0	-5.3	-5.3	-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	-3.1
2030	-1.3	-4.6	-4.6	-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
2130	-1.1	-4.4	-4.4	-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
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	-1.7	-4.7	-4.7	-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	-2.7
Mean	0.1	3.8	1.0	1.6	0.5	1.8	0.6	4.2	2.0	8.3	4.2	11.9	6.2	10.3	5.4	6.0	3.0	2.3	1.0

* 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	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
0130	10.2	9.3	9.3	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
0230	9.9	9.0	9.0	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
0330	9.7	8.1	8.1	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	9.1
0430	9.6	9.1	9.1	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
0530	9.4	8.3	8.2	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
0630	9.9	10.8	10.0	10.9	10.3	11.2	10.5	11.3	10.5	11.2	10.4	10.8	10.3	10.8	10.3	10.8	10.3	10.8	10.3
0730	10.3	12.9	11.5	12.4	11.4	12.6	11.5	12.8	11.6	12.7	11.5	12.4	11.4	12.4	11.4	12.4	11.4	12.4	11.4
0830	9.7	15.7	12.8	13.8	11.9	15.5	12.8	16.1	13.2	16.1	13.2	15.5	12.8	13.8	11.9	13.8	11.9	13.8	11.9
0930	9.5	15.5	12.5	14.3	12.0	14.3	12.0	14.6	12.2	14.7	12.2	14.5	12.1	14.3	12.0	14.3	12.0	14.3	12.0
1030	9.8	18.2	14.2	15.4	12.8	15.4	12.8	17.7	14.1	18.1	14.3	17.9	14.2	17.3	13.9	15.4	12.8	15.4	12.8
1130	12.5	37.7	25.7	20.6	16.7	20.6	16.7	27.7	20.6	48.4	32.1	51.9	34.1	36.2	25.4	20.6	16.7	20.6	16.7
1230	12.7	45.2	30.2	30.8	22.5	30.8	22.5	30.8	22.5	44.9	30.4	52.8	34.8	48.2	32.2	33.9	24.3	30.8	22.5
1330	12.8	38.1	25.5	21.9	17.4	21.9	17.4	21.9	17.4	31.3	22.6	52.2	34.2	54.3	35.4	36.3	25.4	21.9	17.4
1430	12.1	31.1	21.3	18.1	15.0	18.1	15.0	18.1	15.0	18.1	15.0	41.4	27.9	51.6	33.6	41.6	28.0	17.2	14.5
1530	11.4	30.8	21.5	17.9	14.8	17.9	14.8	17.9	14.8	17.9	14.8	36.8	25.3	57.0	36.5	53.5	34.5	28.4	20.6
1630	11.0	20.1	15.2	15.0	12.9	15.0	12.9	15.0	12.9	15.0	12.9	20.9	16.2	34.8	23.9	37.2	25.3	26.6	19.4
1730	9.8	14.9	11.5	12.0	10.6	12.0	10.6	12.0	10.6	12.0	10.6	12.7	11.0	32.3	21.9	39.9	26.1	31.1	21.2
1830	8.0	7.6	6.9	8.6	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.8	8.1	9.0	8.3	8.9	8.2
1930	6.8	4.9	4.9	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
2030	6.0	3.0	3.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
2130	5.4	2.1	2.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
2230	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
2330	9.8	9.3	9.3	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
Mean	9.6	15.5	12.2	12.4	10.9	12.5	11.0	12.9	11.2	14.8	12.2	18.1	14.1	19.9	15.1	17.7	13.9	14.1	11.9

* Greenwich Mean Time

Table 2.14(d) Air and corresponding sol-air temperatures: Edinburgh (Gogarbank) (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	8.9	5.6	5.6	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
0130	8.4	5.1	5.1	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	7.3
0230	8.7	7.1	7.1	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	8.1
0330	8.9	8.5	8.5	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	8.7
0430	9.2	9.2	8.8	9.6	9.3	9.6	9.3	9.6	9.3	9.6	9.3	9.6	9.3	9.6	9.3	9.6	9.3	9.6	9.3
0530	11.6	13.4	11.2	18.6	15.0	27.6	20.0	28.2	20.4	20.1	15.9	13.0	11.9	13.0	11.9	13.0	11.9	13.0	11.9
0630	14.2	20.0	16.0	20.3	17.1	35.8	25.7	40.3	28.2	31.4	23.2	17.1	15.3	17.1	15.3	17.1	15.3	17.1	15.3
0730	17.0	28.8	22.2	21.4	19.0	41.6	30.2	52.8	36.4	45.3	32.3	23.5	20.1	21.4	19.0	21.4	19.0	21.4	19.0
0830	17.6	35.8	26.7	23.1	20.3	38.5	28.8	56.5	38.9	54.4	37.7	33.4	26.0	23.1	20.3	23.1	20.3	23.1	20.3
0930	19.0	41.7	30.5	25.2	22.0	30.9	25.2	53.7	37.9	59.0	40.8	43.7	32.3	25.2	22.0	25.2	22.0	25.2	22.0
1030	18.8	42.8	30.6	25.7	22.1	25.7	22.1	43.0	31.7	54.5	38.1	48.3	34.7	28.1	23.4	25.7	22.1	25.7	22.1
1130	20.3	46.1	33.1	27.6	23.8	27.6	23.8	33.8	27.3	51.0	36.8	53.5	38.2	39.9	30.7	27.6	23.8	27.6	23.8
1230	20.3	46.5	33.4	27.6	23.8	27.6	23.8	27.6	23.8	43.2	32.5	54.3	38.7	48.8	35.6	30.0	25.2	27.6	23.8
1330	21.3	45.9	33.5	28.4	24.7	28.4	24.7	28.4	24.7	34.1	27.9	52.2	38.0	55.5	39.8	42.1	32.3	28.4	24.7
1430	20.7	43.8	32.0	26.9	23.7	26.9	23.7	26.9	23.7	26.9	23.7	47.5	35.1	59.9	42.0	52.2	37.7	28.9	24.7
1530	21.3	40.8	30.6	26.6	23.8	26.6	23.8	26.6	23.8	26.6	23.8	40.3	31.4	60.8	42.7	60.5	42.6	39.7	31.0
1630	21.1	36.1	27.9	25.3	22.9	25.3	22.9	25.3	22.9	25.3	22.9	30.7	25.9	57.4	40.7	64.7	44.8	48.4	35.8
1730	20.0	29.9	24.0	24.9	22.2	22.9	21.1	22.9	21.1	22.9	21.1	22.9	21.1	49.6	36.0	63.7	43.8	53.4	38.1
1830	17.6	22.5	19.0	29.1	23.6	19.3	18.1	19.3	18.1	19.3	18.1	19.3	18.1	37.4	28.1	55.1	38.0	51.7	36.1
1930	17.3	20.0	18.4	18.7	17.9	18.7	17.9	19.0	18.1	19.0	18.1	18.7	17.9	18.7	17.9	19.0	18.1	19.0	18.1
2030	15.6	13.4	13.2	14.9	14.8	14.9	14.8	15.0	14.8	15.0	14.9	14.9	14.8	14.9	14.8	15.0	14.8	15.0	14.9
2130	14.5	11.9	11.9	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
2230	12.9	9.6	9.6	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
2330	10.4	8.1	8.1	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
Mean	15.7	24.7	19.5	19.2	17.2	21.4	18.5	24.8	20.3	26.0	21.0	25.4	20.7	27.0	21.5	26.3	21.2	22.6	19.1

* 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	10.1	7.5	7.5	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
0130	10.0	8.4	8.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
0230	9.2	5.9	5.9	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
0330	8.8	5.9	5.9	7.9	7.8	7.9	7.8	7.9	7.8	7.9	7.8	7.9	7.8	7.9	7.8	7.9	7.8	7.9	7.8
0430	9.7	7.6	7.1	9.7	9.2	9.7	9.2	9.7	9.2	9.7	9.2	9.7	9.2	9.7	9.2	9.7	9.2	9.7	9.2
0530	13.0	13.9	12.0	16.9	14.7	19.6	16.2	19.6	16.2	17.0	14.7	14.4	13.3	14.4	13.3	14.4	13.3	14.4	13.3
0630	16.3	21.7	17.8	22.9	19.5	32.5	24.8	34.8	26.1	28.6	22.6	19.6	17.6	19.6	17.6	19.6	17.6	19.6	17.6
0730	17.4	28.8	22.2	22.1	19.5	40.5	29.7	48.9	34.4	41.4	30.3	22.5	19.7	22.1	19.5	22.1	19.5	22.1	19.5
0830	19.1	36.3	27.2	24.7	21.7	40.2	30.3	55.3	38.7	51.9	36.8	32.0	25.8	24.7	21.7	24.7	21.7	24.7	21.7
0930	19.5	41.1	30.0	25.9	22.6	32.9	26.4	52.0	37.1	55.2	38.8	40.4	30.6	25.9	22.6	25.9	22.6	25.9	22.6
1030	20.8	44.9	33.2	28.7	24.8	28.7	24.8	44.2	33.5	52.7	38.2	46.4	34.7	29.0	25.0	28.7	24.8	28.7	24.8
1130	21.3	48.6	35.0	28.6	24.9	28.6	24.9	35.9	28.9	51.7	37.7	53.0	38.4	39.1	30.7	28.6	24.9	28.6	24.9
1230	21.8	50.2	36.4	29.4	25.6	29.4	25.6	29.4	25.6	44.6	34.1	54.6	39.6	48.8	36.4	30.7	26.4	29.4	25.6
1330	22.0	47.4	34.6	29.4	25.6	29.4	25.6	29.4	25.6	34.5	28.5	50.8	37.5	53.7	39.1	41.5	32.3	29.4	25.6
1430	21.9	43.4	32.7	29.6	25.8	29.6	25.8	29.6	25.8	29.6	25.8	43.9	33.7	52.8	38.6	47.6	35.8	31.3	26.7
1530	22.1	40.8	31.6	29.2	25.7	29.2	25.7	29.2	25.7	29.2	25.7	38.1	30.7	51.8	38.3	52.0	38.4	38.5	30.9
1630	18.3	34.4	25.7	23.1	20.4	23.1	20.4	23.1	20.4	23.1	20.4	27.2	22.7	51.9	36.5	59.1	40.5	44.7	32.4
1730	19.4	28.8	23.3	25.5	22.4	23.5	21.2	23.5	21.2	23.5	21.2	23.5	21.2	40.0	30.4	49.0	35.4	43.0	32.1
1830	19.0	25.8	21.8	30.6	25.1	21.6	20.1	21.6	20.1	21.6	20.1	21.6	20.1	36.7	28.5	52.2	37.1	49.7	35.7
1930	17.3	18.8	17.1	25.0	21.2	18.5	17.6	18.5	17.6	18.5	17.6	18.5	17.6	22.6	19.9	30.4	24.2	31.4	24.8
2030	15.1	13.2	12.7	14.9	14.5	14.8	14.5	14.9	14.5	14.9	14.5	14.9	14.5	14.8	14.5	14.9	14.5	14.9	14.5
2130	12.9	10.0	9.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
2230	11.5	10.3	10.3	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
2330	10.7	9.5	9.5	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
Mean	16.1	25.1	19.9	20.2	18.0	21.7	18.8	24.5	20.4	25.6	21.0	25.0	20.6	26.1	21.2	25.8	21.1	23.1	19.6

* Greenwich Mean Time

Table 2.14(d) Air and corresponding sol-air temperatures: Edinburgh (Gogarbank) (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	9.2	7.3	7.3	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	8.5
0130	7.7	4.4	4.4	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
0230	7.1	4.8	4.8	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
0330	6.8	3.5	3.5	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
0430	7.6	6.2	5.7	7.5	7.2	7.6	7.2	7.6	7.2	7.5	7.1	7.5	7.2	7.6	7.2	7.6	7.2	7.5	7.1
0530	9.3	9.2	7.8	12.5	10.6	15.3	12.1	15.4	12.2	12.6	10.7	10.1	9.3	10.1	9.3	10.1	9.3	10.1	9.3
0630	12.8	19.3	14.9	20.7	16.7	42.7	28.9	48.5	32.1	34.6	24.4	15.2	13.7	15.2	13.7	15.2	13.7	15.2	13.7
0730	15.5	26.3	20.0	19.5	17.2	40.9	29.1	51.4	34.9	42.9	30.2	20.4	17.7	19.5	17.2	19.5	17.2	19.5	17.2
0830	16.8	32.9	24.3	21.9	19.1	38.1	28.1	54.8	37.4	51.6	35.6	30.5	23.9	21.9	19.1	21.9	19.1	21.9	19.1
0930	16.1	29.1	22.9	23.7	20.2	26.9	21.9	30.7	24.0	31.3	24.4	28.5	22.9	23.7	20.2	23.7	20.2	23.7	20.2
1030	17.2	39.6	28.3	24.4	20.8	24.4	20.8	41.3	30.2	50.7	35.3	43.9	31.6	25.1	21.1	24.4	20.8	24.4	20.8
1130	18.3	44.5	31.4	25.3	21.7	25.3	21.7	33.8	26.4	50.8	35.8	51.9	36.4	36.5	27.9	25.3	21.7	25.3	21.7
1230	18.1	44.5	31.3	25.3	21.6	25.3	21.6	25.3	21.6	42.5	31.1	52.3	36.6	45.4	32.7	25.7	21.8	25.3	21.6
1330	18.0	43.5	30.7	24.9	21.3	24.9	21.3	24.9	21.3	32.5	25.6	50.3	35.4	52.3	36.5	37.3	28.2	24.9	21.3
1430	17.6	41.1	29.2	23.9	20.6	23.9	20.6	23.9	20.6	23.9	20.6	45.3	32.5	56.4	38.6	47.6	33.7	24.0	20.7
1530	18.0	38.2	27.7	23.4	20.5	23.4	20.5	23.4	20.5	23.4	20.5	38.4	28.9	57.9	39.7	56.4	38.8	34.8	26.8
1630	19.0	35.5	27.2	23.8	21.3	23.8	21.3	23.8	21.3	23.8	21.3	30.4	25.0	55.5	38.9	61.5	42.3	44.8	33.0
1730	17.5	27.0	21.3	21.5	19.2	20.9	18.9	20.9	18.9	20.9	18.9	20.9	18.9	43.8	31.6	54.5	37.6	45.3	32.4
1830	16.1	20.0	17.1	22.7	19.4	18.4	17.0	18.4	17.0	18.4	17.0	18.4	17.0	27.3	21.9	34.7	26.0	32.8	25.0
1930	15.3	17.0	15.9	19.9	17.7	16.5	15.8	16.5	15.8	16.5	15.8	16.5	15.8	19.2	17.3	23.2	19.6	23.5	19.7
2030	14.3	14.0	13.8	14.3	14.2	14.3	14.2	14.4	14.2	14.4	14.2	14.3	14.2	14.3	14.2	14.4	14.2	14.4	14.2
2130	13.5	11.9	11.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
2230	13.3	12.8	12.8	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
2330	10.2	9.3	9.3	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
Mean	14.0	22.6	17.6	17.4	15.5	19.8	16.8	22.4	18.3	23.4	18.8	23.2	18.7	24.8	19.6	23.6	18.9	20.0	16.9

* 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	10.7	7.4	7.4	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
0130	10.6	7.3	7.3	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
0230	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
0330	7.1	3.8	3.8	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
0430	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
0530	7.3	5.0	4.5	7.0	6.7	7.1	6.7	7.1	6.7	7.0	6.7	7.0	6.7	7.1	6.7	7.1	6.7	7.0	6.7
0630	10.6	12.9	10.4	13.8	11.9	29.6	20.7	35.2	23.8	27.2	19.3	12.0	10.9	12.0	10.9	12.0	10.9	12.0	10.9
0730	12.9	20.1	15.4	15.9	14.1	33.5	23.8	45.2	30.4	39.6	27.3	20.0	16.4	15.9	14.1	15.9	14.1	15.9	14.1
0830	15.1	27.5	20.5	19.3	16.9	32.4	24.2	51.1	34.6	50.7	34.4	31.6	23.8	19.3	16.9	19.3	16.9	19.3	16.9
0930	16.8	34.4	25.1	21.8	19.1	26.2	21.5	51.4	35.5	58.6	39.5	43.7	31.2	21.8	19.1	21.8	19.1	21.8	19.1
1030	18.0	39.3	28.3	23.7	20.7	23.7	20.7	44.3	32.1	59.4	40.5	52.7	36.8	28.3	23.2	23.7	20.7	23.7	20.7
1130	19.2	42.5	30.7	25.3	22.1	25.3	22.1	34.0	26.9	55.5	38.8	58.4	40.5	41.2	30.9	25.3	22.1	25.3	22.1
1230	21.1	45.0	32.9	27.3	24.0	27.3	24.0	27.3	24.0	49.0	36.1	61.6	43.1	53.2	38.4	28.8	24.8	27.3	24.0
1330	22.4	45.2	33.6	28.3	25.2	28.3	25.2	28.3	25.2	39.4	31.3	60.4	43.0	61.8	43.8	42.8	33.2	28.3	25.2
1430	22.3	36.2	28.6	28.9	25.5	28.9	25.5	28.9	25.5	29.6	25.8	42.5	33.0	47.6	35.9	42.0	32.7	28.9	25.5
1530	22.1	30.3	25.1	27.5	24.6	27.5	24.6	27.5	24.6	27.5	24.6	32.8	27.5	36.6	29.7	35.8	29.2	30.8	26.4
1630	21.6	29.4	24.4	25.7	23.3	25.7	23.3	25.7	23.3	25.7	23.3	31.3	26.5	43.1	33.1	44.9	34.0	35.6	28.9
1730	20.7	22.4	20.2	22.7	21.3	22.7	21.3	22.7	21.3	22.7	21.3	23.7	21.9	26.5	23.4	27.6	24.0	26.3	23.3
1830	17.5	16.3	15.3	18.1	17.4	17.9	17.2	17.9	17.2	17.9	17.2	17.9	17.2	18.7	17.7	19.3	18.0	19.1	17.9
1930	14.7	11.8	11.6	13.9	13.8	13.9	13.8	13.9	13.8	13.9	13.8	13.9	13.8	13.9	13.8	13.9	13.8	13.9	13.8
2030	14.1	10.8	10.8	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
2130	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
2230	11.7	8.4	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
2330	11.3	8.0	8.0	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
Mean	14.8	20.1	16.3	16.8	15.4	18.9	16.6	22.7	18.7	25.3	20.2	24.7	19.8	22.1	18.4	19.3	16.8	17.5	15.8

* Greenwich Mean Time

Table 2.14(d) Air and corresponding sol-air temperatures: Edinburgh (Gogarbank) (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	6.8	3.5	3.5	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
0130	6.9	3.6	3.6	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
0230	5.9	2.6	2.6	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
0330	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
0430	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
0530	4.6	1.4	1.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
0630	6.9	5.8	4.8	6.8	6.3	6.9	6.4	7.1	6.5	6.9	6.4	6.8	6.3	6.9	6.4	7.1	6.5	6.9	6.4
0730	11.9	13.8	11.5	13.2	12.1	22.7	17.4	32.4	22.8	30.9	22.0	19.2	15.5	13.2	12.1	13.2	12.1	13.2	12.1
0830	15.2	21.5	17.2	17.9	16.2	24.6	19.9	41.4	29.3	44.4	30.9	31.8	23.9	17.9	16.2	17.9	16.2	17.9	16.2
0930	17.9	28.8	22.4	21.7	19.5	21.7	19.5	45.0	32.4	55.0	38.0	45.2	32.5	21.3	19.3	21.7	19.5	21.7	19.5
1030	18.4	33.2	25.1	23.1	20.5	23.1	20.5	40.0	29.9	57.9	39.8	54.9	38.2	32.7	25.9	23.1	20.5	23.1	20.5
1130	18.7	32.8	25.0	23.8	21.0	23.8	21.0	28.9	23.9	47.5	34.2	52.0	36.7	39.6	29.8	23.8	21.0	23.8	21.0
1230	19.6	36.4	27.5	24.9	22.0	24.9	22.0	24.9	22.0	46.6	34.1	60.6	41.9	53.1	37.7	28.5	24.0	24.9	22.0
1330	20.1	36.1	27.6	25.1	22.4	25.1	22.4	25.1	22.4	37.2	29.2	58.6	41.1	59.9	41.7	40.2	30.8	25.1	22.4
1430	20.3	33.5	26.2	24.4	22.1	24.4	22.1	24.4	22.1	26.1	23.0	53.8	38.4	63.7	43.9	50.2	36.4	24.4	22.1
1530	20.4	30.2	24.4	23.4	21.6	23.4	21.6	23.4	21.6	23.4	21.6	46.6	34.4	64.9	44.6	58.5	41.1	31.2	25.9
1630	19.0	24.4	20.5	20.6	19.4	20.6	19.4	20.6	19.4	20.6	19.4	35.8	27.8	61.4	42.1	62.9	42.9	39.4	29.8
1730	18.2	19.3	17.3	20.2	18.8	20.6	19.1	20.9	19.2	20.5	18.9	20.2	18.8	20.6	19.1	20.9	19.2	20.5	18.9
1830	14.6	11.7	11.5	13.9	13.7	13.9	13.7	13.9	13.7	13.9	13.7	13.9	13.7	13.9	13.7	13.9	13.7	13.9	13.7
1930	12.8	9.5	9.5	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
2030	10.5	7.2	7.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
2130	10.3	7.0	7.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
2230	9.1	5.8	5.8	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	8.0
2330	7.9	4.6	4.6	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
Mean	12.8	15.7	12.9	13.8	12.8	14.5	13.2	17.5	14.9	21.0	16.8	23.8	18.4	22.6	17.7	18.9	15.7	14.9	13.5

* 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	6.0	3.0	3.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
0130	5.6	4.4	4.4	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
0230	6.3	5.4	5.4	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
0330	5.9	3.6	3.6	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
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	3.7	0.4	0.4	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
0630	3.2	-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	2.1
0730	5.4	3.8	3.0	5.2	4.8	5.2	4.8	5.3	4.9	5.4	4.9	5.2	4.8	5.2	4.8	5.3	4.9	5.4	4.9
0830	8.5	10.6	8.2	9.4	8.5	13.2	10.6	34.5	22.4	41.1	26.1	29.1	19.4	9.4	8.5	9.4	8.5	9.4	8.5
0930	9.9	14.9	11.2	12.0	10.6	12.0	10.6	30.1	20.6	41.3	26.8	35.2	23.4	15.5	12.5	12.0	10.6	12.0	10.6
1030	11.2	19.1	14.1	14.0	12.3	14.0	12.3	27.2	19.6	45.6	29.8	45.3	29.6	26.5	19.2	14.0	12.3	14.0	12.3
1130	12.0	21.4	15.8	15.2	13.3	15.2	13.3	19.4	15.6	43.3	28.9	50.4	32.9	36.7	25.2	15.2	13.3	15.2	13.3
1230	12.5	22.9	16.8	15.8	13.8	15.8	13.8	15.8	13.8	39.5	27.0	55.8	36.0	48.2	31.8	21.2	16.8	15.8	13.8
1330	13.4	26.2	20.0	17.6	15.5	17.6	15.5	17.6	15.5	33.6	24.4	59.9	39.0	61.0	39.6	36.1	25.8	17.6	15.5
1430	12.0	18.4	14.6	14.3	12.9	14.3	12.9	14.3	12.9	17.7	14.8	41.0	27.8	48.5	31.9	35.9	24.9	14.3	12.9
1530	10.2	9.6	8.7	10.8	10.1	10.8	10.1	10.8	10.1	10.8	10.1	11.0	10.3	11.2	10.4	11.1	10.3	10.8	10.1
1630	11.1	12.7	11.1	13.6	12.2	13.6	12.2	13.6	12.2	13.6	12.2	13.6	12.2	13.6	12.2	13.6	12.2	13.6	12.2
1730	9.3	8.3	8.2	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	8.9
1830	8.7	7.8	7.8	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
1930	8.1	7.6	7.6	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
2030	9.1	8.6	8.6	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	8.9
2130	9.0	8.5	8.5	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
2230	8.7	8.2	8.2	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	8.5
2330	8.1	7.2	7.2	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
Mean	8.4	9.7	8.2	9.0	8.4	9.2	8.5	11.5	9.8	15.8	12.2	18.1	13.5	15.2	11.8	10.9	9.5	9.0	8.4

* Greenwich Mean Time

Table 2.14(d) Air and corresponding sol-air temperatures: Edinburgh (Gogarbank) (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	10.9	8.6	8.6	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
0130	10.8	9.6	9.6	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
0230	9.8	6.8	6.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
0330	8.8	5.8	5.8	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	7.8
0430	8.6	7.7	7.7	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	8.3
0530	7.4	6.9	6.9	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	7.2
0630	6.7	6.2	6.2	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
0730	6.4	5.6	5.6	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
0830	5.5	3.9	3.6	5.3	5.0	5.3	5.0	5.3	5.0	5.3	5.0	5.3	5.0	5.3	5.0	5.3	5.0	5.3	5.0
0930	6.6	8.1	7.1	7.7	7.1	7.7	7.1	10.7	8.7	12.5	9.7	11.8	9.3	8.9	7.7	7.7	7.1	7.7	7.1
1030	6.7	9.0	6.5	7.9	6.9	7.9	6.9	17.3	12.1	31.5	20.0	31.9	20.2	18.2	12.6	7.9	6.9	7.9	6.9
1130	7.1	11.2	8.0	8.8	7.6	8.8	7.6	12.4	9.6	32.3	20.7	38.4	24.1	27.1	17.8	8.8	7.6	8.8	7.6
1230	6.8	14.5	10.4	9.6	8.1	9.6	8.1	9.6	8.1	36.0	22.8	52.9	32.2	44.1	27.3	14.9	11.0	9.6	8.1
1330	6.6	10.0	7.2	7.9	6.9	7.9	6.9	7.9	6.9	21.4	14.4	40.0	24.7	39.7	24.5	20.6	13.9	7.9	6.9
1430	5.6	6.9	4.8	6.0	5.3	6.0	5.3	6.0	5.3	12.6	9.0	39.0	23.7	46.0	27.6	29.5	18.4	6.0	5.3
1530	4.9	2.9	2.3	4.5	4.1	4.6	4.2	4.5	4.2	4.4	4.1	4.5	4.1	4.6	4.2	4.5	4.2	4.4	4.1
1630	4.5	1.2	1.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1730	3.3	0.0	0.0	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
1830	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
1930	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
2030	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
2130	1.3	-2.0	-2.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2230	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
2330	12.2	11.7	11.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Mean	6.1	5.3	4.6	5.9	5.6	5.9	5.6	6.6	6.0	10.0	7.9	12.8	9.5	11.6	8.8	7.7	6.6	5.9	5.6

* 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	-0.5	-2.1	-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
0130	-0.6	-3.6	-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	-1.6
0230	-1.0	-4.3	-4.3	-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	-2.1
0330	0.1	-2.9	-2.9	-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	-0.9
0430	-0.6	-2.9	-2.9	-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
0530	-1.0	-2.9	-2.9	-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
0630	-1.8	-5.1	-5.1	-2.9	-2.9	-2.9	-2.9	-2.9	-2.9	-2.9	-2.9	-2.9	-2.9	-2.9	-2.9	-2.9	-2.9	-2.9	-2.9
0730	-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
0830	-2.5	-5.8	-5.8	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6
0930	-1.8	-4.4	-4.7	-2.2	-2.5	-2.2	-2.6	-2.2	-2.6	-2.2	-2.5	-2.2	-2.5	-2.2	-2.6	-2.2	-2.6	-2.2	-2.5
1030	2.5	4.5	2.1	3.3	2.5	3.3	2.5	21.0	12.3	45.2	25.7	44.7	25.4	19.8	11.6	3.3	2.5	3.3	2.5
1130	4.1	5.5	3.4	5.0	4.1	5.0	4.1	9.0	6.3	24.3	14.8	28.4	17.1	18.8	11.7	5.0	4.1	5.0	4.1
1230	4.5	5.7	3.7	5.5	4.6	5.5	4.6	5.5	4.6	18.0	11.5	24.5	15.1	20.0	12.6	7.1	5.5	5.5	4.6
1330	4.3	4.6	3.0	5.0	4.2	5.0	4.2	5.0	4.2	12.4	8.3	20.5	12.8	19.6	12.3	10.2	7.1	5.0	4.2
1430	4.2	3.0	2.0	4.6	3.9	4.7	4.0	4.6	3.9	4.5	3.9	4.6	3.9	4.7	4.0	4.6	3.9	4.5	3.9
1530	4.2	1.5	1.4	3.5	3.3	3.5	3.3	3.5	3.3	3.4	3.3	3.5	3.3	3.5	3.3	3.5	3.3	3.4	3.3
1630	5.2	4.0	4.0	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
1730	5.9	3.6	3.6	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
1830	6.1	5.2	5.2	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
1930	5.5	4.6	4.6	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
2030	5.4	4.2	4.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
2130	4.3	1.7	1.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
2230	4.2	0.9	0.9	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	3.1
2330	-0.5	-1.0	-1.0	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
Mean	2.0	0.3	0.0	1.6	1.4	1.6	1.4	2.5	1.9	4.9	3.2	5.7	3.7	4.0	2.7	1.8	1.5	1.6	1.4

* Greenwich Mean Time