

Table 2.14(a) Air and corresponding sol-air temperatures: Belfast (Aldergrove) (February 2003–September 2012)

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	0.0	-3.3	-3.3	-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	-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
0230	-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
0330	-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
0430	-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
0530	-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
0630	-3.2	-6.5	-6.5	-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
0730	-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
0830	-2.8	-5.6	-5.9	-3.7	-3.8	-3.7	-3.8	-3.7	-3.8	-3.7	-3.8	-3.7	-3.8	-3.7	-3.8	-3.7	-3.8	-3.7	-3.8
0930	0.4	1.2	-0.6	1.2	0.3	0.9	0.2	1.2	0.3	1.5	0.5	1.2	0.3	0.9	0.2	1.2	0.3	1.5	0.5
1030	1.9	5.4	2.4	2.9	1.9	2.9	1.9	25.9	14.7	47.6	26.8	43.0	24.2	14.6	8.4	2.9	1.9	2.9	1.9
1130	3.8	8.0	4.6	5.6	4.3	5.6	4.3	14.2	9.1	33.0	19.5	35.7	21.0	20.7	12.7	5.6	4.3	5.6	4.3
1230	5.3	10.6	6.8	7.3	5.9	7.3	5.9	8.0	6.3	32.8	20.1	42.6	25.5	31.5	19.4	7.3	5.9	7.3	5.9
1330	5.4	10.5	6.8	7.2	5.9	7.2	5.9	7.2	5.9	27.1	17	44.2	26.4	39.4	23.8	15.6	10.5	7.2	5.9
1430	5.5	8.9	5.9	6.7	5.7	6.7	5.7	6.7	5.7	18.3	12.1	41	24.7	43.5	26.1	24.3	15.4	6.7	5.7
1530	4.8	5.6	3.8	5.8	4.9	6.0	5.0	5.7	4.8	5.5	4.7	5.8	4.9	6.0	5.0	5.7	4.8	5.5	4.7
1630	2.7	0.6	0.0	2.2	1.9	2.3	2.0	2.2	1.9	2.1	1.9	2.2	1.9	2.3	2.0	2.2	1.9	2.1	1.9
1730	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
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	-1.7	-5.0	-5.0	-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
2030	-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
2130	-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
2230	-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
2330	-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
Mean	0.1	-1.2	-2.1	-0.3	-0.6	-0.3	-0.6	1.1	0.2	5.1	2.4	7.1	3.5	4.7	2.2	0.8	0.0	-0.3	-0.6

* 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	-0.3	-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
0130	-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
0230	-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
0330	-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
0430	-2.4	-5.7	-5.7	-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
0530	-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
0630	-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
0730	-2.9	-6.0	-6.1	-3.8	-3.9	-3.8	-3.9	-3.8	-3.9	-3.8	-3.9	-3.8	-3.9	-3.8	-3.9	-3.8	-3.9	-3.8	-3.9
0830	-1.6	-3.4	-4.1	-1.4	-2.0	-1.4	-2.0	-1.4	-2.0	-1.4	-2.0	-1.4	-2.0	-1.4	-2.0	-1.4	-2.0	-1.4	-2.0
0930	1.3	5.7	2.2	2.9	1.7	4.5	2.5	30.1	16.8	39.7	22.1	27.5	15.4	2.9	1.7	2.9	1.7	2.9	1.7
1030	2.8	11.0	5.9	5.4	3.8	5.4	3.8	27.7	16.1	45.3	25.9	39.2	22.5	13.0	8.0	5.4	3.8	5.4	3.8
1130	3.7	14.7	8.3	7.0	5.0	7.0	5.0	19.8	12.2	44.8	26.0	47.1	27.3	25.6	15.4	7.0	5.0	7.0	5.0
1230	4.1	17.0	10.0	7.8	5.7	7.8	5.7	8.8	6.2	40.5	23.9	52.6	30.6	37.9	22.4	7.8	5.7	7.8	5.7
1330	4.1	14.7	8.5	7.6	5.5	7.6	5.5	7.6	5.5	27.0	16.3	44.5	26.0	40.0	23.6	16.2	10.3	7.6	5.5
1430	4.6	14.3	8.5	7.4	5.7	7.4	5.7	7.4	5.7	18.9	12.0	45.9	27.1	50.0	29.3	28.8	17.5	7.4	5.7
1530	4.2	10.5	6.3	6.2	4.9	6.2	4.9	6.2	4.9	6.6	5.1	35.4	21.1	46.9	27.5	34.3	20.5	6.2	4.9
1630	3.0	5.0	2.6	3.6	2.8	3.6	2.8	3.6	2.8	3.6	2.8	26.8	15.7	45.8	26.3	40.0	23.0	12.7	7.9
1730	1.4	0.4	-0.2	1.2	0.9	1.3	1.0	1.3	1.0	1.2	0.9	1.2	0.9	1.3	1.0	1.3	1.0	1.2	0.9
1830	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
1930	-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
2030	-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
2130	-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
2230	-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
2330	-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
Mean	0.3	0.9	-0.8	0.5	-0.1	0.5	-0.1	3.1	1.3	7.9	4.0	11.7	6.2	9.4	4.8	4.4	2.1	0.8	0.1

* Greenwich Mean Time

Table 2.14(a) Air and corresponding sol-air temperatures: Belfast (Aldergrove) (February 2003–September 2012) — *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	6.4	3.1	3.1	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	5.3
0130	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
0230	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
0330	3.9	0.6	0.6	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
0430	4.0	0.7	0.7	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
0530	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
0630	3.1	0.3	0.0	2.4	2.2	2.4	2.2	2.4	2.2	2.4	2.2	2.4	2.2	2.4	2.2	2.4	2.2	2.4	2.2
0730	8.8	9.4	7.7	9.5	8.7	21.4	15.3	30.6	20.4	27.5	18.7	14.0	11.2	9.5	8.7	9.5	8.7	9.5	8.7
0830	11.6	17.3	13.3	13.9	12.4	24.9	18.5	42.8	28.4	43.7	28.9	27.0	19.7	13.9	12.4	13.9	12.4	13.9	12.4
0930	15.3	25.8	19.6	18.9	16.8	22.5	18.8	46.9	32.4	54.6	36.6	41.1	29.1	18.9	16.8	18.9	16.8	18.9	16.8
1030	18.1	32.7	24.7	22.7	20.1	22.7	20.1	44.5	32.3	59.9	40.8	53.0	37.0	27.8	23.0	22.7	20.1	22.7	20.1
1130	16.5	33.8	24.6	21.7	18.9	21.7	18.9	33.3	25.3	55.7	37.8	57.6	38.8	37.8	27.8	21.7	18.9	21.7	18.9
1230	16.7	35.3	25.5	22.1	19.2	22.1	19.2	21.3	18.8	49.4	34.4	60.8	40.7	48.8	34.0	22.1	19.2	22.1	19.2
1330	18.0	35.8	26.4	23.2	20.4	23.2	20.4	23.2	20.4	40.5	30.0	60.3	41.0	57.7	39.6	34.3	26.5	23.2	20.4
1430	18.7	34.6	26.1	23.3	20.7	23.3	20.7	23.3	20.7	29.6	24.3	57.2	39.6	64.3	43.5	46.7	33.7	23.3	20.7
1530	19.3	31.9	24.8	22.9	20.8	22.9	20.8	22.9	20.8	22.9	20.8	50.9	36.4	67.3	45.5	57.2	39.9	26.4	22.8
1630	18.6	26.8	21.6	20.8	19.3	20.8	19.3	20.8	19.3	20.8	19.3	40.8	30.4	65.6	44.2	63.8	43.2	36.4	28.0
1730	17.4	20.2	17.5	18.1	17.3	18.1	17.3	18.1	17.3	18.1	17.3	28.2	22.9	58.9	40.0	65.5	43.6	44.1	31.7
1830	15.0	13.0	12.4	14.4	14.2	14.5	14.2	14.6	14.3	14.5	14.2	14.4	14.2	14.5	14.2	14.6	14.3	14.5	14.2
1930	13.7	10.4	10.4	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
2030	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
2130	8.2	4.9	4.9	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	7.1
2230	7.6	4.3	4.3	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
2330	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
Mean	11.3	14.7	11.7	12.3	11.3	13.4	11.9	16.9	13.9	20.8	16.1	23.7	17.6	22.8	17.2	18.9	15.0	14.2	12.4

* 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	8.4	5.4	5.4	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	7.4
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	7.4	4.1	4.1	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	7.1	4.1	4.1	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	6.1
0430	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
0530	6.9	4.9	4.3	6.5	6.2	6.6	6.2	6.6	6.2	6.5	6.2	6.5	6.2	6.6	6.2	6.6	6.2	6.5	6.2
0630	8.5	10.8	8.3	12.6	10.3	34.3	22.3	41.4	26.3	29.8	19.8	9.5	8.6	9.5	8.6	9.5	8.6	9.5	8.6
0730	10.1	18.0	13.0	12.7	11.0	36.6	24.3	51.2	32.5	43.0	27.9	16.7	13.3	12.7	11.0	12.7	11.0	12.7	11.0
0830	11.1	24.3	17.0	15.1	12.8	31.5	21.9	52.2	33.4	50.7	32.6	27.9	19.9	15.1	12.8	15.1	12.8	15.1	12.8
0930	11.7	29.9	20.6	17.2	14.4	23.1	17.6	47.2	31.0	53.1	34.3	37.4	25.6	17.2	14.4	17.2	14.4	17.2	14.4
1030	12.6	32.2	22.5	19.4	16.0	19.4	16.0	36.6	25.6	47.3	31.5	41.1	28.1	21.8	17.3	19.4	16.0	19.4	16.0
1130	14.3	39.9	27.1	21.2	17.6	21.2	17.6	31.9	23.6	53.8	35.7	55.6	36.7	36.1	25.9	21.2	17.6	21.2	17.6
1230	14.5	37.8	26.1	21.6	18.0	21.6	18.0	21.6	18.0	41.3	28.9	51.3	34.5	43.1	29.9	21.5	17.9	21.6	18.0
1330	15.4	40.4	28.0	22.2	18.7	22.2	18.7	22.2	18.7	34.3	25.5	55.0	36.9	55.4	37.2	35.5	26.1	22.2	18.7
1430	15.7	36.4	26.0	22.0	18.8	22.0	18.8	22.0	18.8	22.3	19.0	46.5	32.4	55.6	37.5	44.3	31.2	22.0	18.8
1530	15.6	34.0	24.5	20.7	18.0	20.7	18.0	20.7	18.0	20.7	18.0	41.5	29.5	60.9	40.3	56.1	37.6	29.8	23.0
1630	15.9	26.6	21.0	20.4	18.1	20.4	18.1	20.4	18.1	20.4	18.1	27.6	22.1	42.6	30.4	44.5	31.5	32.3	24.7
1730	15.0	21.7	17.2	17.3	15.8	17.3	15.8	17.3	15.8	17.3	15.8	19.4	16.9	45.6	31.5	55.0	36.7	42.0	29.5
1830	13.9	16.7	14.0	21.9	17.8	14.5	13.7	14.5	13.7	14.5	13.7	14.5	13.7	45.9	31.2	66.8	42.8	56.8	37.2
1930	11.6	9.5	9.0	11.0	10.7	11.0	10.8	11.1	10.8	11.1	10.8	11.0	10.7	11.0	10.8	11.1	10.8	11.1	10.8
2030	11.3	9.0	9.0	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
2130	10.6	8.7	8.7	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
2230	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
2330	8.4	5.4	5.4	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	7.4
Mean	11.3	18.2	13.8	13.8	12.2	16.3	13.6	20.3	15.8	22.3	17.0	22.1	16.8	22.8	17.3	21.1	16.3	17.0	14.0

* Greenwich Mean Time

Table 2.14(a) Air and corresponding sol-air temperatures Belfast (Aldergrove) (February 2003–September 2012) — *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	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	2.3
0130	2.6	-0.7	-0.7	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
0230	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
0330	2.6	-0.7	-0.7	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
0430	3.1	0.3	0.0	2.4	2.2	2.4	2.2	2.4	2.2	2.4	2.2	2.4	2.2	2.4	2.2	2.4	2.2	2.4	2.2
0530	5.0	5.2	3.6	9.9	7.2	15.4	10.3	15.4	10.3	10.1	7.3	5.8	5.0	5.8	5.0	5.8	5.0	5.8	5.0
0630	7.2	11.4	8.0	13.2	10.0	23.4	15.7	26.0	17.1	19.4	13.5	9.9	8.2	9.9	8.2	9.9	8.2	9.9	8.2
0730	9.5	19.3	13.5	13.8	11.4	32.0	21.5	40.4	26.2	33.1	22.1	14.4	11.7	13.8	11.4	13.8	11.4	13.8	11.4
0830	11.0	27.5	18.7	16.4	13.5	33.3	22.9	49.5	31.9	45.8	29.8	24.3	17.9	16.4	13.5	16.4	13.5	16.4	13.5
0930	12.3	33.7	22.7	18.8	15.4	26.7	19.8	47.4	31.3	50.6	33.1	34.3	24.0	18.8	15.4	18.8	15.4	18.8	15.4
1030	13.4	38.6	25.9	20.7	17.0	20.7	17.0	40.8	28.1	51.1	33.9	42.7	29.1	20.4	16.8	20.7	17.0	20.7	17.0
1130	13.8	41.5	27.7	21.6	17.6	21.6	17.6	30.5	22.6	47.1	31.8	47.8	32.2	32.0	23.4	21.6	17.6	21.6	17.6
1230	14.2	42.8	28.6	22.1	18.1	22.1	18.1	22.1	18.1	39.8	27.9	49.7	33.4	42.4	29.3	22.0	18.1	22.1	18.1
1330	15.2	42.3	28.7	22.9	19.0	22.9	19.0	22.9	19.0	30.2	23.0	48.0	32.9	50.0	34.0	35.1	25.8	22.9	19.0
1430	15.4	39.0	27.0	22.6	18.9	22.6	18.9	22.6	18.9	22.6	18.9	42.1	29.7	52.5	35.5	44.5	31.1	22.8	19.0
1530	15.5	36.3	25.6	21.6	18.4	21.6	18.4	21.6	18.4	21.6	18.4	35.8	26.3	54.9	36.9	53.7	36.2	32.9	24.7
1630	15.6	32.7	23.6	20.4	17.8	20.4	17.8	20.4	17.8	20.4	17.8	27.1	21.5	54.6	36.8	61.3	40.5	43.4	30.5
1730	15.8	28.9	22.1	20.1	17.9	19.5	17.5	19.5	17.5	19.5	17.5	19.5	17.5	50.3	34.6	65.1	42.8	52.6	35.9
1830	13.4	20.4	16.0	26.4	20.2	15.3	14.0	15.3	14.0	15.3	14.0	15.3	14.0	40.1	27.8	62.3	40.1	56.6	37.0
1930	11.9	12.6	10.8	27.8	20.3	12.2	11.6	12.2	11.6	12.2	11.6	12.2	11.6	24.4	18.3	45.2	29.9	46.6	30.7
2030	10.7	7.9	7.7	9.9	9.8	9.9	9.8	10.0	9.8	10.0	9.8	9.9	9.8	9.9	9.8	10.0	9.8	10.0	9.8
2130	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
2230	8.2	4.9	4.9	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	7.1
2330	3.6	0.3	0.3	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	9.8	18.7	13.2	13.9	11.6	15.2	12.3	18.4	14.1	19.8	14.8	19.3	14.6	21.7	15.9	22.2	16.1	18.4	14.1

* 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	12.6	12.1	12.1	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
0130	12.9	12.4	12.4	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
0230	13.4	12.9	12.9	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	12.3	11.5	11.5	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
0430	11.8	11.1	10.9	11.8	11.6	11.8	11.6	11.8	11.6	11.8	11.6	11.8	11.6	11.8	11.6	11.8	11.6	11.8	11.6
0530	11.6	12.4	10.9	15.1	13.2	17.4	14.4	17.2	14.3	14.8	13.0	12.8	11.9	12.8	11.9	12.8	11.9	12.8	11.9
0630	12.3	18.2	14.1	20.7	16.5	35.0	24.4	37.8	26.0	27.5	20.2	15.3	13.4	15.3	13.4	15.3	13.4	15.3	13.4
0730	13.0	24.5	17.9	17.8	15.2	39.8	27.4	48.3	32.1	38.5	26.6	17.4	14.9	17.4	14.9	17.4	14.9	17.4	14.9
0830	14.3	31.1	22.5	20.3	17.3	36.6	26.3	49.4	33.4	44.8	30.8	25.4	20.1	20.3	17.3	20.3	17.3	20.3	17.3
0930	14.6	35.1	24.7	21.7	18.1	30.0	22.7	46.1	31.6	47.3	32.3	32.9	24.3	21.7	18.1	21.7	18.1	21.7	18.1
1030	15.6	36.9	26.6	24.5	20.2	24.8	20.4	37.4	27.4	42.3	30.1	36.7	27.0	24.5	20.2	24.5	20.2	24.5	20.2
1130	16.5	41.7	29.3	25.3	21.0	25.3	21.0	33.0	25.2	44.1	31.4	43.6	31.1	31.6	24.5	25.3	21.0	25.3	21.0
1230	17.0	45.9	32.2	25.8	21.6	25.8	21.6	25.8	21.6	40.8	29.9	48.3	34.1	41.6	30.4	24.7	21.0	25.8	21.6
1330	17.2	44.1	31.2	25.8	21.6	25.8	21.6	25.8	21.6	31.8	25.0	45.9	32.8	47.4	33.6	35.3	26.9	25.8	21.6
1430	18.1	43.5	30.9	25.7	21.9	25.7	21.9	25.7	21.9	25.7	21.9	43.7	31.9	53.7	37.4	46.4	33.4	26.0	22.1
1530	18.4	42.8	30.6	25.0	21.6	25.0	21.6	25.0	21.6	25.0	21.6	39.1	29.4	59.6	40.8	58.9	40.4	37.3	28.4
1630	18.4	37.5	27.6	23.6	20.8	23.6	20.8	23.6	20.8	23.6	20.8	29.3	24.0	56.8	39.2	64.1	43.3	46.9	33.7
1730	18.1	31.3	23.9	23.3	20.5	22.0	19.8	22.0	19.8	22.0	19.8	22.0	19.8	49.3	34.9	63.1	42.6	52.4	36.6
1830	16.3	24.1	19.3	28.4	22.5	18.9	17.3	18.9	17.3	18.9	17.3	18.9	17.3	38.2	28.0	56.4	38.1	52.3	35.9
1930	14.8	18.4	15.6	34.2	25.2	15.9	15.0	15.9	15.0	15.9	15.0	15.9	15.0	29.3	22.4	53.5	35.9	55.6	37.1
2030	13.2	11.5	10.9	13.1	12.7	13.1	12.7	13.1	12.7	13.2	12.7	13.1	12.7	13.1	12.7	13.1	12.7	13.2	12.7
2130	12.3	9.0	9.0	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
2230	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
2330	13.2	12.7	12.7	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
Mean	14.6	24.6	19.1	19.5	17.0	20.9	17.8	23.5	19.2	23.9	19.4	23.2	19.1	26.3	20.7	27.1	21.2	23.8	19.3

* Greenwich Mean Time

Table 2.14(a) Air and corresponding sol-air temperatures: Belfast (Aldergrove) (February 2003–September 2012) — *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	15.7	12.4	12.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0130	14.8	11.5	11.5	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
0230	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
0330	13.2	9.9	9.9	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
0430	14.5	11.6	11.4	13.8	13.6	13.8	13.6	13.8	13.6	13.8	13.6	13.8	13.6	13.8	13.6	13.8	13.6	13.8	13.6
0530	16.8	16.8	15.3	23.4	20.0	30.9	24.1	30.6	23.9	22.7	19.6	17.4	16.6	17.4	16.6	17.4	16.6	17.4	16.6
0630	18.7	22.9	19.5	25.8	22.1	39.0	29.5	41.9	31.1	32.6	25.9	21.1	19.5	21.1	19.5	21.1	19.5	21.1	19.5
0730	20.0	29.1	23.6	24.1	21.8	42.7	32.1	50.3	36.3	42.4	31.9	24.0	21.7	24.0	21.7	24.0	21.7	24.0	21.7
0830	22.2	36.4	28.6	27.6	24.7	43.1	33.3	56.0	40.5	52.0	38.2	33.3	27.9	27.6	24.7	27.6	24.7	27.6	24.7
0930	22.9	41.6	31.8	29.5	26.0	37.7	30.6	54.8	40.1	56.4	41.0	41.7	32.9	29.5	26.0	29.5	26.0	29.5	26.0
1030	23.7	46.2	34.7	31.1	27.3	30.3	26.9	49.9	37.7	57.7	42.1	49.3	37.4	31.1	27.3	31.1	27.3	31.1	27.3
1130	23.8	48.7	36.2	31.8	27.7	31.8	27.7	41.2	33.0	54.8	40.5	54.0	40.1	39.3	31.9	31.8	27.7	31.8	27.7
1230	25.5	51.6	38.5	33.6	29.5	33.6	29.5	32.3	28.8	50.3	38.8	57.7	42.9	50.0	38.6	33.6	29.5	33.6	29.5
1330	26.3	52.1	39.1	34.2	30.2	34.2	30.2	34.2	30.2	42.5	34.8	57.6	43.2	58.1	43.5	43.6	35.4	34.2	30.2
1430	27.1	50.7	38.7	34.4	30.7	34.4	30.7	34.4	30.7	34.4	30.7	54.1	41.6	62.9	46.5	54.2	41.6	33.0	29.9
1530	27.4	48.0	37.3	33.7	30.4	33.7	30.4	33.7	30.4	33.7	30.4	48.1	38.4	64.9	47.7	62.6	46.5	42.7	35.4
1630	27.1	43.6	34.8	32.2	29.4	32.2	29.4	32.2	29.4	32.2	29.4	39.6	33.5	63.2	46.6	68.0	49.3	51.2	40.0
1730	26.7	38.4	31.7	30.4	28.2	30.4	28.2	30.4	28.2	30.4	28.2	29.6	27.8	58.0	43.6	69.8	50.1	58.0	43.6
1830	25.6	31.5	27.4	34.7	30.2	27.8	26.3	27.8	26.3	27.8	26.3	27.8	26.3	46.8	36.9	62.1	45.4	57.1	42.6
1930	24.7	26.1	24.0	40.1	32.7	25.3	24.5	25.3	24.5	25.3	24.5	25.3	24.5	38.8	32.1	59.5	43.5	60.0	43.8
2030	19.3	17.2	16.8	18.8	18.5	18.7	18.5	18.8	18.6	18.8	18.6	18.8	18.5	18.7	18.5	18.8	18.6	18.8	18.6
2130	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	16.2
2230	16.6	13.3	13.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
2330	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
Mean	20.8	29.0	23.9	24.9	22.6	26.6	23.5	29.4	25.1	30.3	25.6	29.7	25.2	31.9	26.4	32.0	26.5	28.5	24.6

* 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	16.4	13.1	13.1	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
0130	16.4	13.1	13.1	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
0230	14.8	11.5	11.5	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	15.9	12.6	12.6	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
0430	15.1	11.8	11.8	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
0530	16.7	14.3	13.9	16.3	16.0	16.3	16.0	16.3	16.0	16.3	16.0	16.3	16.0	16.3	16.0	16.3	16.0	16.3	16.0
0630	16.4	16.9	15.2	19.0	17.3	25.6	21.0	27.6	22.1	23.9	20.1	17.4	16.5	17.4	16.5	17.4	16.5	17.4	16.5
0730	19.4	24.2	20.6	22.3	20.5	33.5	26.7	39.6	30.1	35.8	28.0	24.3	21.6	22.3	20.5	22.3	20.5	22.3	20.5
0830	21.4	31.0	25.2	26.0	23.5	36.0	29.0	47.2	35.2	46.0	34.6	33.2	27.4	26.0	23.5	26.0	23.5	26.0	23.5
0930	23.4	37.2	29.6	29.3	26.2	34.2	28.9	49.4	37.3	52.7	39.2	42.3	33.4	29.3	26.2	29.3	26.2	29.3	26.2
1030	23.9	41.7	32.3	30.7	27.2	30.7	27.2	47.1	36.3	56.3	41.4	50.2	38.0	32.3	28.1	30.7	27.2	30.7	27.2
1130	24.5	44.8	34.3	31.9	28.1	31.9	28.1	40.3	32.8	55.0	40.9	55.7	41.3	41.8	33.6	31.9	28.1	31.9	28.1
1230	25.5	47.0	36.0	33.0	29.1	33.0	29.1	33.0	29.1	50.9	39.1	59.1	43.7	51.4	39.4	32.2	28.7	33.0	29.1
1330	25.5	46.6	35.8	32.7	29.0	32.7	29.0	32.7	29.0	42.9	34.6	58.4	43.3	58.2	43.2	42.4	34.4	32.7	29.0
1430	25.5	44.6	34.6	32.0	28.6	32.0	28.6	32.0	28.6	33.0	29.2	54.2	41.0	61.8	45.2	51.4	39.4	32.0	28.6
1530	25.7	41.8	33.2	31.1	28.2	31.1	28.2	31.1	28.2	31.1	28.2	48.5	37.9	63.7	46.3	59.3	43.9	37.9	32.0
1630	24.9	36.7	30.0	29.0	26.7	29.0	26.7	29.0	26.7	29.0	26.7	39.3	32.4	60.4	44.1	62.7	45.4	44.9	35.5
1730	23.9	31.5	26.6	26.3	24.8	26.3	24.8	26.3	24.8	26.3	24.8	29.2	26.4	57.3	41.9	66.9	47.3	52.4	39.2
1830	22.8	25.8	23.0	29.6	26.1	23.5	22.7	23.5	22.7	23.5	22.7	23.5	22.7	53.8	39.5	73.0	50.2	63.0	44.6
1930	21.2	19.9	19.0	21.9	21.1	21.9	21.1	21.9	21.1	21.9	21.1	21.9	21.1	21.9	21.1	21.9	21.1	21.9	21.1
2030	18.8	15.5	15.5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
2130	17.1	13.8	13.8	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
2230	16.6	13.3	13.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
2330	17.0	13.7	13.7	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
Mean	20.4	25.9	22.0	22.9	21.3	24.0	21.9	26.5	23.2	28.4	24.4	29.6	25.0	31.3	26.0	30.1	25.3	26.2	23.1

* Greenwich Mean Time

Table 2.14(a) Air and corresponding sol-air temperatures: Belfast (Aldergrove) (February 2003–September 2012) — *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	7.2	3.9	3.9	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
0130	6.3	3.0	3.0	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	6.9	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
0330	6.7	3.4	3.4	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	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
0530	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
0630	5.1	2.3	2.1	4.5	4.2	4.5	4.2	4.5	4.2	4.5	4.2	4.5	4.2	4.5	4.2	4.5	4.2	4.5	4.2
0730	7.5	8.9	6.8	8.6	7.6	18.8	13.3	27.9	18.3	25.8	17.2	13.8	10.5	8.6	7.6	8.6	7.6	8.6	7.6
0830	10.4	15.7	11.8	13.2	11.4	19.8	15.1	32.4	22.1	33.9	23.0	23.4	17.1	13.2	11.4	13.2	11.4	13.2	11.4
0930	12.2	20.6	15.7	16.6	14.2	17.9	15.0	29.8	21.6	34.1	24.0	28.5	20.8	16.6	14.2	16.6	14.2	16.6	14.2
1030	14.0	29.2	21.0	18.7	16.1	18.7	16.1	38.3	27.0	55.4	36.5	50.4	33.7	26.4	20.4	18.7	16.1	18.7	16.1
1130	14.8	31.1	22.4	20.1	17.3	20.1	17.3	28.0	21.6	49.2	33.4	52.8	35.4	36.8	26.5	20.1	17.3	20.1	17.3
1230	15.5	36.2	25.7	21.0	18.1	21.0	18.1	21.0	18.1	49.3	33.8	64.5	42.3	53.4	36.1	22.5	19.0	21.0	18.1
1330	15.1	33.6	23.9	20.1	17.4	20.1	17.4	20.1	17.4	36.2	26.3	60.0	39.5	59.6	39.3	35.4	25.9	20.1	17.4
1430	15.0	28.6	21.1	19.4	16.9	19.4	16.9	19.4	16.9	22.7	18.8	47.7	32.7	55.7	37.1	42.0	29.5	19.4	16.9
1530	14.5	26.2	19.5	17.7	15.8	17.7	15.8	17.7	15.8	17.7	15.8	44.5	30.7	63.3	41.1	54.9	36.4	24.2	19.4
1630	13.4	19.9	15.5	15.2	13.9	15.2	13.9	15.2	13.9	15.2	13.9	32.3	23.4	57.4	37.3	57.5	37.4	32.5	23.5
1730	11.4	12.2	10.4	11.7	11.1	11.7	11.1	11.7	11.1	11.7	11.1	18.2	14.7	44.2	29.1	51.1	33.0	34.8	23.9
1830	9.2	6.3	6.1	8.3	8.2	8.3	8.2	8.3	8.2	8.3	8.2	8.3	8.2	8.3	8.2	8.3	8.2	8.3	8.2
1930	8.6	5.3	5.3	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	7.5
2030	8.0	4.7	4.7	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	6.9
2130	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
2230	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
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	9.7	12.9	10.0	10.7	9.8	11.5	10.2	14.0	11.6	17.8	13.7	21.3	15.7	21.3	15.6	17.3	13.5	12.7	10.9

* 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	9.4	8.9	8.9	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	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
0230	8.9	8.0	8.0	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	8.6
0330	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
0430	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
0530	8.4	7.5	7.5	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
0630	8.4	7.2	7.2	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
0730	8.8	7.1	6.8	8.5	8.3	8.5	8.3	8.5	8.3	8.5	8.3	8.5	8.3	8.5	8.3	8.5	8.3	8.5	8.3
0830	9.2	9.5	8.2	10.1	9.3	11.2	9.9	13.8	11.4	14.5	11.7	12.9	10.8	10.1	9.3	10.1	9.3	10.1	9.3
0930	10.1	14.7	11.5	12.7	11.1	12.7	11.1	24.9	17.9	31.1	21.4	26.7	18.9	14.2	12.0	12.7	11.1	12.7	11.1
1030	11.2	22.9	16.2	14.2	12.4	14.2	12.4	36.7	24.9	63.4	39.7	60.7	38.2	30.2	21.3	14.2	12.4	14.2	12.4
1130	12.1	24.0	17.2	15.5	13.5	15.5	13.5	23.0	17.6	51.6	33.6	58.7	37.5	40.0	27.1	15.5	13.5	15.5	13.5
1230	12.7	24.8	17.9	16.2	14.1	16.2	14.1	16.2	14.1	43.7	29.4	59.8	38.3	49.8	32.8	19.7	16.1	16.2	14.1
1330	12.9	23.5	17.3	16.1	14.1	16.1	14.1	16.1	14.1	32.8	23.4	55.9	36.3	55.3	35.9	31.3	22.6	16.1	14.1
1430	12.6	20.2	15.5	15.2	13.6	15.2	13.6	15.2	13.6	20.5	16.5	46.1	30.7	53.3	34.7	37.9	26.2	15.2	13.6
1530	11.2	14.0	11.4	12.8	11.6	12.8	11.6	12.8	11.6	12.8	11.6	27.6	19.9	35.9	24.5	30.7	21.6	15.0	12.9
1630	10.1	9.5	8.6	10.6	10.0	10.7	10.1	10.7	10.0	10.6	10.0	10.6	10.0	10.7	10.1	10.7	10.0	10.6	10.0
1730	9.4	6.9	6.8	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
1830	9.4	6.4	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	8.4
1930	9.4	6.1	6.1	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
2030	9.3	8.4	8.4	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
2130	9.1	7.9	7.9	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
2230	9.2	8.3	8.3	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
2330	9.5	9.0	9.0	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	9.3
Mean	9.9	11.6	10.0	10.5	9.9	10.6	10.0	12.4	11.0	17.1	13.6	20.3	15.4	17.8	14.0	13.0	11.3	10.6	10.0

* Greenwich Mean Time

Table 2.14(a) Air and corresponding sol-air temperatures: Belfast (Aldergrove) (February 2003–September 2012) — *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	1.2	0.7	0.7	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
0130	1.9	0.7	0.7	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
0230	1.8	-0.8	-0.8	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	1.8	0.6	0.6	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
0430	1.9	-1.1	-1.1	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
0530	1.5	0.3	0.3	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
0630	1.4	-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
0730	0.9	-2.4	-2.4	-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
0830	0.1	-3.1	-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
0930	0.8	0.0	-1.1	1.2	0.5	1.2	0.5	5.6	3.0	8.1	4.3	6.8	3.6	2.4	1.2	1.2	0.5	1.2	0.5
1030	1.7	4.3	1.6	3.2	2.0	3.2	2.0	13.1	7.5	25.8	14.6	25.2	14.3	11.8	6.8	3.2	2.0	3.2	2.0
1130	2.0	7.5	3.6	3.8	2.5	3.8	2.5	10.4	6.2	36.7	20.8	43.5	24.5	26.8	15.3	3.8	2.5	3.8	2.5
1230	2.1	8.5	4.2	4.0	2.6	4.0	2.6	4.0	2.6	33.2	18.9	49.3	27.8	38.5	21.8	7.2	4.4	4.0	2.6
1330	2.1	7.6	3.7	3.6	2.4	3.6	2.4	3.6	2.4	24.2	13.9	48.8	27.5	46.6	26.3	18.9	11.0	3.6	2.4
1430	1.7	4.9	2.1	2.6	1.7	2.6	1.7	2.6	1.7	12.0	7.0	41.4	23.3	47.9	26.9	27.7	15.7	2.6	1.7
1530	0.9	-0.1	-1.2	1.1	0.5	1.2	0.6	1.1	0.5	0.9	0.4	1.1	0.5	1.2	0.6	1.1	0.5	0.9	0.4
1630	0.0	-3.3	-3.3	-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
1730	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
1830	-0.7	-3.7	-3.7	-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	-1.7
1930	-1.3	-4.3	-4.3	-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	-2.3
2030	-1.1	-3.4	-3.4	-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
2130	-0.4	-3.0	-3.0	-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
2230	-0.2	-1.4	-1.4	-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
2330	-0.4	-1.6	-1.6	-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
Mean	0.8	0.1	-0.7	0.6	0.3	0.6	0.3	1.5	0.8	5.7	3.1	8.8	4.9	7.1	3.9	2.4	1.3	0.6	0.3

* 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	1.1	-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
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	-0.9	-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
0330	-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
0430	-1.5	-4.8	-4.8	-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
0530	-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
0630	-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
0730	-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
0830	-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
0930	0.0	-1.9	-2.5	0.0	-0.5	-0.1	-0.6	-0.1	-0.5	0.0	-0.5	0.0	-0.5	-0.1	-0.6	-0.1	-0.5	0.0	-0.5
1030	1.7	4.1	1.5	2.2	1.5	2.2	1.5	25.2	14.2	52.0	29.2	49.5	27.8	19.1	10.9	2.2	1.5	2.2	1.5
1130	3.5	6.2	3.5	4.7	3.6	4.7	3.6	11.7	7.5	32.6	19.1	37.0	21.6	22.4	13.5	4.7	3.6	4.7	3.6
1230	4.1	7.4	4.5	5.4	4.3	5.4	4.3	5.4	4.3	29.6	17.8	40.7	23.9	31.0	18.5	6.2	4.8	5.4	4.3
1330	4.1	7.0	4.2	5.1	4.2	5.1	4.2	5.1	4.2	24.3	14.8	42.9	25.1	39.2	23.1	15.5	9.9	5.1	4.2
1430	3.7	4.8	2.8	4.0	3.4	4.0	3.4	4.0	3.4	15.3	9.6	40.2	23.5	43.8	25.5	24.1	14.5	4.0	3.4
1530	2.5	0.9	0.1	2.2	1.8	2.3	1.9	2.1	1.8	2.0	1.7	2.2	1.8	2.3	1.9	2.1	1.8	2.0	1.7
1630	1.5	-1.7	-1.8	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
1730	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
1830	-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
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	-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
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	-0.5	-2.8	-2.8	-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	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
Mean	0.6	-1.3	-1.9	0.0	-0.2	0.0	-0.2	1.2	0.5	5.5	2.8	7.8	4.1	5.6	2.9	1.3	0.5	0.0	-0.2

* Greenwich Mean Time