

Table 2.14(i) Air and corresponding sol-air temperatures: Plymouth (Camborne) (May 2002–April 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 | 4.0 | 1.4 | 1.4 | 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 |
| 0130 | 3.7 | 2.5 | 2.5 | 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 |
| 0230 | 3.6 | 2.7 | 2.7 | 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 | 3.0 | 0.7 | 0.7 | 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 |
| 0430 | 3.1 | 2.2 | 2.2 | 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 |
| 0530 | 2.6 | 2.1 | 2.1 | 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 |
| 0630 | 1.5 | -1.1 | -1.1 | 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 | 1.3 | -1.7 | -1.7 | 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 | 2.4 | -0.3 | -0.6 | 1.8 | 1.6 | 1.8 | 1.6 | 1.8 | 1.6 | 1.8 | 1.6 | 1.8 | 1.6 | 1.8 | 1.6 | 1.8 | 1.6 | 1.8 | 1.6 |
| 0930 | 3.3 | 4.1 | 2.3 | 4.1 | 3.3 | 4.1 | 3.3 | 17.9 | 10.9 | 24.3 | 14.5 | 19.0 | 11.5 | 5.0 | 3.7 | 4.1 | 3.3 | 4.1 | 3.3 |
| 1030 | 4.0 | 9.0 | 5.3 | 5.9 | 4.6 | 5.9 | 4.6 | 23.2 | 14.2 | 39.8 | 23.4 | 36.4 | 21.5 | 15.0 | 9.6 | 5.9 | 4.6 | 5.9 | 4.6 |
| 1130 | 4.6 | 12.6 | 7.5 | 7.3 | 5.6 | 7.3 | 5.6 | 17.7 | 11.4 | 42.4 | 25.1 | 46.2 | 27.2 | 26.9 | 16.5 | 7.3 | 5.6 | 7.3 | 5.6 |
| 1230 | 5.3 | 14.0 | 9.0 | 8.4 | 6.6 | 8.4 | 6.6 | 8.4 | 6.6 | 34.0 | 20.9 | 44.4 | 26.6 | 33.5 | 20.5 | 8.4 | 6.6 | 8.4 | 6.6 |
| 1330 | 5.8 | 14.9 | 10.1 | 9.1 | 7.4 | 9.1 | 7.4 | 9.1 | 7.4 | 27.0 | 17.3 | 43.4 | 26.4 | 39.4 | 24.2 | 17.5 | 12.1 | 9.1 | 7.4 |
| 1430 | 5.3 | 11.5 | 7.2 | 7.4 | 5.9 | 7.4 | 5.9 | 7.4 | 5.9 | 19.0 | 12.4 | 44.3 | 26.5 | 47.7 | 28.4 | 27.3 | 17.0 | 7.4 | 5.9 |
| 1530 | 5.1 | 8.4 | 5.6 | 6.2 | 5.2 | 6.2 | 5.2 | 6.2 | 5.2 | 8.3 | 6.4 | 39.1 | 23.5 | 50.4 | 29.8 | 35.6 | 21.6 | 6.2 | 5.2 |
| 1630 | 4.1 | 2.8 | 1.9 | 4.1 | 3.6 | 4.4 | 3.7 | 4.2 | 3.7 | 4.0 | 3.6 | 4.1 | 3.6 | 4.4 | 3.7 | 4.2 | 3.7 | 4.0 | 3.6 |
| 1730 | 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 |
| 1830 | 3.1 | -0.2 | -0.2 | 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 | 3.6 | 2.7 | 2.7 | 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 | 3.1 | 0.5 | 0.5 | 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 | 2.9 | -0.4 | -0.4 | 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 |
| 2230 | 3.3 | 2.4 | 2.4 | 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 | 4.9 | 4.4 | 4.4 | 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 |
| Mean | 3.6 | 4.0 | 2.8 | 3.8 | 3.4 | 3.8 | 3.4 | 5.5 | 4.3 | 9.9 | 6.8 | 13.2 | 8.6 | 10.9 | 7.3 | 6.2 | 4.7 | 3.8 | 3.4 |

* 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 | 0.6 | -2.7 | -2.7 | -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 |
| 0130 | 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 |
| 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 | -0.5 | -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 |
| 0430 | -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 |
| 0530 | -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 |
| 0630 | -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 |
| 0730 | -0.3 | -3.1 | -3.4 | -1.0 | -1.2 | -1.0 | -1.2 | -1.0 | -1.2 | -1.0 | -1.2 | -1.0 | -1.2 | -1.0 | -1.2 | -1.0 | -1.2 | -1.0 | -1.2 |
| 0830 | 1.8 | 2.5 | 0.7 | 2.6 | 1.7 | 7.9 | 4.7 | 19.2 | 11.0 | 20.9 | 11.9 | 12.0 | 6.9 | 2.6 | 1.7 | 2.6 | 1.7 | 2.6 | 1.7 |
| 0930 | 3.0 | 8.7 | 4.7 | 5.3 | 3.8 | 6.7 | 4.6 | 29.0 | 17.0 | 37.3 | 21.6 | 26.7 | 15.7 | 5.3 | 3.8 | 5.3 | 3.8 | 5.3 | 3.8 |
| 1030 | 4.4 | 14.9 | 8.7 | 7.9 | 5.9 | 7.9 | 5.9 | 28.9 | 17.5 | 45.5 | 26.7 | 39.7 | 23.5 | 15.0 | 9.8 | 7.9 | 5.9 | 7.9 | 5.9 |
| 1130 | 5.5 | 20.5 | 12.7 | 10.5 | 7.9 | 10.5 | 7.9 | 22.6 | 14.6 | 47.1 | 28.2 | 49.6 | 29.6 | 28.6 | 17.9 | 10.5 | 7.9 | 10.5 | 7.9 |
| 1230 | 6.0 | 21.8 | 13.3 | 11.4 | 8.5 | 11.4 | 8.5 | 11.3 | 8.4 | 41.0 | 24.9 | 52.7 | 31.4 | 39.5 | 24.1 | 11.4 | 8.5 | 11.4 | 8.5 |
| 1330 | 6.2 | 21.2 | 13.4 | 11.2 | 8.6 | 11.2 | 8.6 | 11.2 | 8.6 | 30.6 | 19.4 | 50.0 | 30.1 | 46.1 | 27.9 | 21.1 | 14.1 | 11.2 | 8.6 |
| 1430 | 6.5 | 19.2 | 12.5 | 10.7 | 8.5 | 10.7 | 8.5 | 10.7 | 8.5 | 19.7 | 13.5 | 45.1 | 27.6 | 49.9 | 30.2 | 31.2 | 19.9 | 10.7 | 8.5 |
| 1530 | 5.3 | 14.5 | 9.6 | 8.4 | 6.7 | 8.4 | 6.7 | 8.4 | 6.7 | 8.4 | 6.7 | 36.8 | 22.5 | 49.3 | 29.5 | 37.5 | 22.9 | 8.3 | 6.7 |
| 1630 | 5.1 | 9.0 | 6.1 | 6.4 | 5.4 | 6.4 | 5.4 | 6.4 | 5.4 | 6.4 | 5.4 | 28.1 | 17.5 | 47.4 | 28.2 | 42.5 | 25.5 | 16.2 | 10.9 |
| 1730 | 3.7 | 1.4 | 0.9 | 3.3 | 3.0 | 3.4 | 3.0 | 3.4 | 3.0 | 3.3 | 3.0 | 3.3 | 3.0 | 3.4 | 3.0 | 3.4 | 3.0 | 3.3 | 3.0 |
| 1830 | 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 |
| 1930 | 1.2 | -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 | 0.1 |
| 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 | -0.3 | -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 |
| 2230 | -0.8 | -4.1 | -4.1 | -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 |
| 2330 | 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 |
| Mean | 2.1 | 3.7 | 1.6 | 2.7 | 1.9 | 3.0 | 2.1 | 5.7 | 3.6 | 10.3 | 6.2 | 13.8 | 8.1 | 11.4 | 6.8 | 6.7 | 4.1 | 3.1 | 2.2 |

* Greenwich Mean Time

Table 2.14(l) Air and corresponding sol-air temperatures: Plymouth (Camborne) (May 2002–April 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 | 7.6 | 7.1 | 7.1 | 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 | 7.1 | 6.6 | 6.6 | 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 |
| 0230 | 7.1 | 6.2 | 6.2 | 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 |
| 0330 | 6.0 | 5.5 | 5.5 | 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 |
| 0430 | 5.5 | 5.0 | 5.0 | 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 |
| 0530 | 5.0 | 2.4 | 2.4 | 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 | 4.1 |
| 0630 | 4.7 | 2.1 | 2.1 | 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 |
| 0730 | 4.9 | 4.2 | 3.0 | 5.6 | 4.8 | 6.6 | 5.4 | 7.4 | 5.8 | 7.2 | 5.7 | 6.0 | 5.0 | 5.6 | 4.8 | 5.6 | 4.8 | 5.6 | 4.8 |
| 0830 | 5.8 | 12.2 | 7.9 | 8.6 | 6.9 | 18.7 | 12.5 | 34.6 | 21.3 | 35.2 | 21.6 | 20.2 | 13.3 | 8.6 | 6.9 | 8.6 | 6.9 | 8.6 | 6.9 |
| 0930 | 7.1 | 19.8 | 12.7 | 11.1 | 8.8 | 15.2 | 11.1 | 41.3 | 25.6 | 49.2 | 30.0 | 34.4 | 21.7 | 11.1 | 8.8 | 11.1 | 8.8 | 11.1 | 8.8 |
| 1030 | 7.8 | 25.5 | 16.1 | 12.6 | 10.0 | 12.6 | 10.0 | 36.5 | 23.2 | 53.0 | 32.4 | 45.1 | 28.0 | 17.6 | 12.7 | 12.6 | 10.0 | 12.6 | 10.0 |
| 1130 | 8.4 | 30.4 | 19.2 | 13.6 | 10.8 | 13.6 | 10.8 | 26.8 | 18.1 | 52.7 | 32.5 | 54.9 | 33.7 | 32.1 | 21.1 | 13.6 | 10.8 | 13.6 | 10.8 |
| 1230 | 9.7 | 33.2 | 21.2 | 15.0 | 12.1 | 15.0 | 12.1 | 15.0 | 12.1 | 45.5 | 29.1 | 59.1 | 36.6 | 46.0 | 29.4 | 14.0 | 11.6 | 15.0 | 12.1 |
| 1330 | 10.1 | 32.8 | 21.2 | 15.2 | 12.4 | 15.2 | 12.4 | 15.2 | 12.4 | 33.9 | 22.8 | 58.1 | 36.3 | 56.4 | 35.3 | 29.7 | 20.5 | 15.2 | 12.4 |
| 1430 | 9.9 | 29.7 | 19.4 | 14.3 | 11.9 | 14.3 | 11.9 | 14.3 | 11.9 | 19.6 | 14.8 | 52.3 | 32.9 | 62.0 | 38.4 | 43.1 | 27.8 | 14.3 | 11.9 |
| 1530 | 9.9 | 24.8 | 16.7 | 13.4 | 11.3 | 13.4 | 11.3 | 13.4 | 11.3 | 13.4 | 11.3 | 42.8 | 27.6 | 62.3 | 38.5 | 52.6 | 33.1 | 19.4 | 14.7 |
| 1630 | 9.1 | 17.5 | 12.3 | 11.4 | 9.9 | 11.4 | 9.9 | 11.4 | 9.9 | 11.4 | 9.9 | 29.0 | 19.6 | 53.3 | 33.2 | 52.7 | 32.8 | 27.6 | 18.9 |
| 1730 | 8.0 | 9.2 | 7.2 | 8.9 | 8.0 | 8.9 | 8.0 | 8.9 | 8.0 | 8.9 | 8.0 | 13.6 | 10.6 | 28.9 | 19.1 | 32.5 | 21.1 | 22.3 | 15.5 |
| 1830 | 6.9 | 3.8 | 3.7 | 6.0 | 5.9 | 6.0 | 5.9 | 6.0 | 5.9 | 6.0 | 5.9 | 6.0 | 5.9 | 6.0 | 5.9 | 6.0 | 5.9 | 6.0 | 5.9 |
| 1930 | 6.1 | 2.8 | 2.8 | 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 |
| 2030 | 4.7 | 1.4 | 1.4 | 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 |
| 2130 | 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 |
| 2230 | 3.1 | -0.2 | -0.2 | 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 |
| 2330 | 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 |
| Mean | 6.9 | 12.0 | 8.6 | 8.2 | 7.2 | 8.8 | 7.6 | 12.1 | 9.4 | 16.5 | 11.8 | 20.1 | 13.8 | 18.8 | 13.1 | 14.3 | 10.6 | 9.6 | 8.0 |

* 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 | 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 |
| 0130 | 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 |
| 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 | 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 |
| 0530 | 4.8 | 1.9 | 1.7 | 4.1 | 3.9 | 4.1 | 3.9 | 4.1 | 3.9 | 4.1 | 3.9 | 4.1 | 3.9 | 4.1 | 3.9 | 4.1 | 3.9 | 4.1 | 3.9 |
| 0630 | 7.3 | 8.3 | 6.4 | 10.2 | 8.4 | 20.4 | 14.1 | 23.8 | 16.0 | 18.3 | 12.9 | 8.4 | 7.4 | 8.4 | 7.4 | 8.4 | 7.4 | 8.4 | 7.4 |
| 0730 | 10.0 | 16.8 | 12.3 | 13.0 | 11.2 | 30.3 | 20.8 | 40.4 | 26.4 | 34.3 | 23.0 | 15.7 | 12.7 | 13.0 | 11.2 | 13.0 | 11.2 | 13.0 | 11.2 |
| 0830 | 14.6 | 27.7 | 20.4 | 19.0 | 16.5 | 34.2 | 25.0 | 51.8 | 34.8 | 49.8 | 33.7 | 29.4 | 22.3 | 19.0 | 16.5 | 19.0 | 16.5 | 19.0 | 16.5 |
| 0930 | 14.1 | 33.5 | 23.4 | 19.4 | 16.6 | 26.5 | 20.5 | 50.8 | 34.0 | 56.0 | 36.9 | 39.1 | 27.5 | 19.4 | 16.6 | 19.4 | 16.6 | 19.4 | 16.6 |
| 1030 | 16.5 | 40.5 | 28.4 | 22.6 | 19.4 | 22.6 | 19.4 | 45.1 | 31.9 | 58.1 | 39.1 | 49.5 | 34.3 | 24.3 | 20.3 | 22.6 | 19.4 | 22.6 | 19.4 |
| 1130 | 15.5 | 42.6 | 29.1 | 22.1 | 18.6 | 22.1 | 18.6 | 32.2 | 24.3 | 52.4 | 35.5 | 53.9 | 36.3 | 35.8 | 26.2 | 22.1 | 18.6 | 22.1 | 18.6 |
| 1230 | 14.7 | 42.6 | 28.7 | 21.4 | 17.9 | 21.4 | 17.9 | 21.4 | 17.9 | 42.7 | 29.7 | 54.6 | 36.3 | 46.0 | 31.6 | 22.1 | 18.3 | 21.4 | 17.9 |
| 1330 | 15.3 | 41.9 | 28.6 | 21.7 | 18.4 | 21.7 | 18.4 | 21.7 | 18.4 | 31.6 | 23.9 | 52.7 | 35.6 | 54.8 | 36.7 | 36.5 | 26.6 | 21.7 | 18.4 |
| 1430 | 17.1 | 40.8 | 28.8 | 22.8 | 19.8 | 22.8 | 19.8 | 22.8 | 19.8 | 22.8 | 19.8 | 49.2 | 34.4 | 61.5 | 41.3 | 50.4 | 35.1 | 22.3 | 19.5 |
| 1530 | 15.3 | 34.6 | 24.5 | 20.0 | 17.4 | 20.0 | 17.4 | 20.0 | 17.4 | 20.0 | 17.4 | 39.2 | 28.1 | 60.8 | 40.1 | 57.8 | 38.4 | 32.0 | 24.1 |
| 1630 | 15.1 | 28.6 | 21.1 | 18.6 | 16.5 | 18.6 | 16.5 | 18.6 | 16.5 | 18.6 | 16.5 | 28.7 | 22.2 | 57.0 | 37.9 | 62.2 | 40.8 | 41.4 | 29.2 |
| 1730 | 14.0 | 21.2 | 16.5 | 16.0 | 14.6 | 16.0 | 14.6 | 16.0 | 14.6 | 16.0 | 14.6 | 16.9 | 15.1 | 48.3 | 32.6 | 60.5 | 39.3 | 46.3 | 31.4 |
| 1830 | 12.1 | 13.2 | 11.2 | 19.0 | 15.4 | 12.4 | 11.8 | 12.4 | 11.8 | 12.4 | 11.8 | 12.4 | 11.8 | 35.7 | 24.7 | 52.2 | 33.9 | 45.3 | 30.0 |
| 1930 | 10.5 | 7.5 | 7.4 | 9.6 | 9.5 | 9.6 | 9.5 | 9.7 | 9.5 | 9.7 | 9.5 | 9.6 | 9.5 | 9.6 | 9.5 | 9.7 | 9.5 | 9.7 | 9.5 |
| 2030 | 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 |
| 2130 | 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 |
| 2230 | 8.1 | 4.8 | 4.8 | 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 | 7.0 |
| 2330 | 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 |
| Mean | 10.8 | 18.1 | 13.4 | 13.0 | 11.5 | 14.8 | 12.5 | 18.5 | 14.6 | 20.8 | 15.9 | 21.5 | 16.2 | 22.9 | 17.0 | 21.4 | 16.2 | 16.7 | 13.6 |

* Greenwich Mean Time

Table 2.14(1) Air and corresponding sol-air temperatures: Plymouth (Camborne) (May 2002–April 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 | 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 |
| 0130 | 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 |
| 0230 | 13.4 | 10.1 | 10.1 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 |
| 0330 | 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 |
| 0430 | 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 |
| 0530 | 12.9 | 10.8 | 10.3 | 12.9 | 12.4 | 13.2 | 12.5 | 13.2 | 12.5 | 12.9 | 12.4 | 12.7 | 12.3 | 12.7 | 12.3 | 12.7 | 12.3 | 12.7 | 12.3 |
| 0630 | 13.7 | 16.4 | 13.7 | 18.3 | 15.7 | 22.9 | 18.3 | 24.0 | 18.9 | 20.9 | 17.2 | 16.1 | 14.5 | 16.1 | 14.5 | 16.1 | 14.5 | 16.1 | 14.5 |
| 0730 | 14.7 | 24.3 | 18.5 | 19.2 | 16.7 | 35.9 | 26.0 | 42.8 | 29.8 | 36.0 | 26.0 | 19.3 | 16.8 | 19.2 | 16.7 | 19.2 | 16.7 | 19.2 | 16.7 |
| 0830 | 16.4 | 32.7 | 24.0 | 22.3 | 19.2 | 38.3 | 28.1 | 52.1 | 35.7 | 47.9 | 33.4 | 28.2 | 22.4 | 22.3 | 19.2 | 22.3 | 19.2 | 22.3 | 19.2 |
| 0930 | 17.9 | 40.5 | 29.0 | 24.8 | 21.2 | 33.7 | 26.2 | 52.9 | 36.9 | 54.8 | 37.9 | 38.2 | 28.7 | 24.8 | 21.2 | 24.8 | 21.2 | 24.8 | 21.2 |
| 1030 | 18.6 | 46.1 | 32.4 | 26.3 | 22.4 | 24.6 | 21.4 | 46.5 | 33.6 | 55.6 | 38.6 | 46.4 | 33.5 | 26.3 | 22.4 | 26.3 | 22.4 | 26.3 | 22.4 |
| 1130 | 18.9 | 49.8 | 34.6 | 27.2 | 23.0 | 27.2 | 23.0 | 35.8 | 27.8 | 51.6 | 36.5 | 51.8 | 36.7 | 36.4 | 28.1 | 27.2 | 23.0 | 27.2 | 23.0 |
| 1230 | 19.6 | 51.6 | 35.9 | 28.0 | 23.8 | 28.0 | 23.8 | 28.0 | 23.8 | 43.8 | 32.6 | 54.1 | 38.3 | 47.8 | 34.8 | 28.6 | 24.1 | 28.0 | 23.8 |
| 1330 | 20.3 | 51.4 | 36.1 | 28.5 | 24.3 | 28.5 | 24.3 | 28.5 | 24.3 | 33.3 | 27.0 | 52.9 | 37.9 | 56.8 | 40.1 | 42.9 | 32.3 | 28.5 | 24.3 |
| 1430 | 20.7 | 48.9 | 34.9 | 28.1 | 24.3 | 28.1 | 24.3 | 28.1 | 24.3 | 28.1 | 24.3 | 47.9 | 35.3 | 62.2 | 43.2 | 55.2 | 39.4 | 31.2 | 26.0 |
| 1530 | 20.4 | 43.8 | 31.9 | 26.6 | 23.4 | 26.6 | 23.4 | 26.6 | 23.4 | 26.6 | 23.4 | 39.4 | 30.4 | 62.4 | 43.2 | 63.4 | 43.8 | 42.0 | 31.9 |
| 1630 | 19.5 | 36.3 | 27.3 | 24.4 | 21.7 | 24.4 | 21.7 | 24.4 | 21.7 | 24.4 | 21.7 | 28.4 | 24.0 | 56.1 | 39.3 | 64.5 | 44.0 | 48.7 | 35.2 |
| 1730 | 18.3 | 27.6 | 22.0 | 24.0 | 21.0 | 21.8 | 19.8 | 21.8 | 19.8 | 21.8 | 19.8 | 21.8 | 19.8 | 43.4 | 31.8 | 55.2 | 38.3 | 47.2 | 33.8 |
| 1830 | 16.6 | 18.7 | 16.3 | 22.1 | 19.2 | 18.4 | 17.1 | 18.4 | 17.1 | 18.4 | 17.1 | 18.4 | 17.1 | 24.9 | 20.7 | 30.7 | 23.9 | 29.6 | 23.3 |
| 1930 | 15.2 | 13.0 | 12.5 | 15.0 | 14.6 | 15.0 | 14.6 | 15.1 | 14.6 | 15.1 | 14.6 | 15.0 | 14.6 | 15.0 | 14.6 | 15.1 | 14.6 | 15.1 | 14.6 |
| 2030 | 14.0 | 10.7 | 10.7 | 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 |
| 2130 | 13.0 | 9.7 | 9.7 | 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 | 13.4 | 10.1 | 10.1 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 |
| 2330 | 14.5 | 11.2 | 11.2 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 |
| Mean | 16.1 | 25.2 | 19.6 | 19.1 | 17.3 | 20.8 | 18.2 | 23.7 | 19.8 | 25.1 | 20.6 | 25.1 | 20.6 | 26.6 | 21.4 | 25.7 | 20.9 | 22.1 | 18.9 |

* 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 | 12.0 | 9.0 | 9.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 |
| 0130 | 11.7 | 8.7 | 8.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 |
| 0230 | 11.5 | 8.5 | 8.5 | 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 | 10.5 |
| 0330 | 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 |
| 0430 | 11.2 | 10.5 | 10.3 | 11.2 | 11.0 | 11.2 | 11.0 | 11.2 | 11.0 | 11.2 | 11.0 | 11.2 | 11.0 | 11.2 | 11.0 | 11.2 | 11.0 | 11.2 | 11.0 |
| 0530 | 11.2 | 12.8 | 11.4 | 15.3 | 13.2 | 18.1 | 14.8 | 17.9 | 14.7 | 14.9 | 13.0 | 12.6 | 11.7 | 12.6 | 11.7 | 12.6 | 11.7 | 12.6 | 11.7 |
| 0630 | 11.4 | 19.5 | 15.5 | 20.9 | 16.5 | 35.1 | 24.4 | 37.7 | 25.9 | 27.0 | 19.9 | 15.1 | 13.3 | 15.1 | 13.3 | 15.1 | 13.3 | 15.1 | 13.3 |
| 0730 | 13.1 | 25.9 | 19.4 | 19.5 | 16.4 | 39.7 | 27.6 | 47.1 | 31.7 | 37.3 | 26.2 | 18.1 | 15.6 | 18.1 | 15.6 | 18.1 | 15.6 | 18.1 | 15.6 |
| 0830 | 13.7 | 32.3 | 23.5 | 20.5 | 17.3 | 37.1 | 26.5 | 48.5 | 32.8 | 43.1 | 29.8 | 24.1 | 19.3 | 20.5 | 17.3 | 20.5 | 17.3 | 20.5 | 17.3 |
| 0930 | 13.5 | 37.2 | 26.3 | 21.7 | 17.9 | 31.1 | 23.1 | 45.8 | 31.3 | 45.7 | 31.2 | 31.0 | 23.1 | 21.7 | 17.9 | 21.7 | 17.9 | 21.7 | 17.9 |
| 1030 | 14.0 | 42.6 | 28.9 | 22.3 | 18.3 | 22.9 | 18.6 | 42.1 | 29.3 | 48.7 | 32.9 | 38.7 | 27.4 | 22.3 | 18.3 | 22.3 | 18.3 | 22.3 | 18.3 |
| 1130 | 14.0 | 48.0 | 32.5 | 23.3 | 19.0 | 23.3 | 19.0 | 32.6 | 24.2 | 45.9 | 31.6 | 44.7 | 30.9 | 29.6 | 22.5 | 23.3 | 19.0 | 23.3 | 19.0 |
| 1230 | 12.8 | 46.3 | 31.2 | 22.4 | 18.0 | 22.4 | 18.0 | 22.4 | 18.0 | 35.7 | 25.4 | 43.4 | 29.7 | 37.6 | 26.5 | 21.8 | 17.7 | 22.4 | 18.0 |
| 1330 | 14.9 | 46.7 | 31.7 | 23.7 | 19.5 | 23.7 | 19.5 | 23.7 | 19.5 | 27.5 | 21.6 | 43.9 | 30.7 | 47.2 | 32.6 | 35.6 | 26.1 | 23.7 | 19.5 |
| 1430 | 16.6 | 45.5 | 31.5 | 24.5 | 20.6 | 24.5 | 20.6 | 24.5 | 20.6 | 24.5 | 20.6 | 41.0 | 29.7 | 53.8 | 36.9 | 48.3 | 33.8 | 27.7 | 22.4 |
| 1530 | 16.5 | 42.7 | 30.4 | 23.7 | 20.2 | 23.7 | 20.2 | 23.7 | 20.2 | 23.7 | 20.2 | 34.2 | 26.1 | 55.9 | 38.1 | 57.7 | 39.1 | 38.6 | 28.5 |
| 1630 | 16.3 | 36.2 | 26.3 | 21.9 | 19.1 | 21.9 | 19.1 | 21.9 | 19.1 | 21.9 | 19.1 | 24.7 | 20.6 | 52.6 | 36.1 | 61.7 | 41.2 | 46.8 | 32.9 |
| 1730 | 15.3 | 29.3 | 22.2 | 23.0 | 19.3 | 19.6 | 17.4 | 19.6 | 17.4 | 19.6 | 17.4 | 19.6 | 17.4 | 44.9 | 31.5 | 60.1 | 39.9 | 51.0 | 34.8 |
| 1830 | 14.4 | 21.0 | 16.9 | 26.6 | 20.8 | 16.9 | 15.4 | 16.9 | 15.4 | 16.9 | 15.4 | 16.9 | 15.4 | 33.0 | 24.3 | 49.8 | 33.7 | 47.1 | 32.2 |
| 1930 | 13.4 | 14.8 | 12.8 | 30.4 | 22.4 | 14.0 | 13.3 | 14.0 | 13.3 | 14.0 | 13.3 | 14.0 | 13.3 | 24.6 | 19.2 | 45.6 | 30.8 | 48.0 | 32.2 |
| 2030 | 12.2 | 9.6 | 9.3 | 11.5 | 11.3 | 11.4 | 11.3 | 11.5 | 11.3 | 11.5 | 11.3 | 11.5 | 11.3 | 11.4 | 11.3 | 11.5 | 11.3 | 11.5 | 11.3 |
| 2130 | 11.9 | 8.6 | 8.6 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 |
| 2230 | 11.8 | 10.2 | 10.2 | 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 | 11.2 |
| 2330 | 12.3 | 9.3 | 9.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 |
| Mean | 13.2 | 24.3 | 18.4 | 18.2 | 15.7 | 19.7 | 16.5 | 22.4 | 18.0 | 22.7 | 18.2 | 21.7 | 17.6 | 24.5 | 19.2 | 25.5 | 19.7 | 22.4 | 18.0 |

* Greenwich Mean Time

Table 2.14(l) Air and corresponding sol-air temperatures: Plymouth (Camborne) (May 2002–April 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 | 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 |
| 0130 | 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 |
| 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 | 13.2 | 12.4 | 12.3 | 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 |
| 0430 | 13.0 | 11.7 | 11.6 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 | 12.6 | 12.5 |
| 0530 | 13.5 | 15.0 | 13.6 | 15.0 | 14.1 | 15.2 | 14.2 | 15.2 | 14.2 | 15.0 | 14.1 | 15.0 | 14.1 | 15.2 | 14.2 | 15.2 | 14.2 | 15.0 | 14.1 |
| 0630 | 13.8 | 18.2 | 15.3 | 20.3 | 17.1 | 29.8 | 22.3 | 31.7 | 23.4 | 24.9 | 19.6 | 16.5 | 14.9 | 16.5 | 14.9 | 16.5 | 14.9 | 16.5 | 14.9 |
| 0730 | 14.6 | 25.0 | 19.7 | 20.3 | 17.5 | 35.5 | 26.0 | 41.4 | 29.2 | 34.5 | 25.4 | 19.4 | 17.0 | 19.4 | 17.0 | 19.4 | 17.0 | 19.4 | 17.0 |
| 0830 | 15.3 | 31.1 | 23.7 | 22.1 | 18.9 | 35.0 | 26.1 | 44.4 | 31.3 | 40.6 | 29.2 | 25.9 | 21.1 | 22.1 | 18.9 | 22.1 | 18.9 | 22.1 | 18.9 |
| 0930 | 15.6 | 40.2 | 28.6 | 22.7 | 19.3 | 34.1 | 25.6 | 54.0 | 36.7 | 54.6 | 37.0 | 35.7 | 26.5 | 22.7 | 19.3 | 22.7 | 19.3 | 22.7 | 19.3 |
| 1030 | 16.4 | 42.3 | 29.6 | 24.4 | 20.4 | 24.7 | 20.6 | 44.2 | 31.4 | 51.1 | 35.3 | 41.5 | 30.0 | 24.4 | 20.4 | 24.4 | 20.4 | 24.4 | 20.4 |
| 1130 | 16.5 | 46.1 | 32.4 | 25.6 | 21.3 | 25.6 | 21.3 | 34.8 | 26.5 | 47.3 | 33.4 | 46.1 | 32.7 | 31.8 | 24.8 | 25.6 | 21.3 | 25.6 | 21.3 |
| 1230 | 17.6 | 48.3 | 33.6 | 26.4 | 22.1 | 26.4 | 22.1 | 26.4 | 22.1 | 41.9 | 30.7 | 49.6 | 35.0 | 42.6 | 31.1 | 24.9 | 21.3 | 26.4 | 22.1 |
| 1330 | 16.6 | 47.7 | 33.3 | 25.5 | 21.3 | 25.5 | 21.3 | 25.5 | 21.3 | 31.4 | 24.6 | 47.6 | 33.6 | 49.6 | 34.8 | 36.4 | 27.4 | 25.5 | 21.3 |
| 1430 | 17.9 | 46.0 | 32.5 | 25.7 | 21.9 | 25.7 | 21.9 | 25.7 | 21.9 | 25.7 | 21.9 | 44.6 | 32.4 | 56.2 | 38.8 | 48.8 | 34.7 | 26.9 | 22.5 |
| 1530 | 17.6 | 42.5 | 30.7 | 24.6 | 21.2 | 24.6 | 21.2 | 24.6 | 21.2 | 24.6 | 21.2 | 37.5 | 28.4 | 57.8 | 39.7 | 57.6 | 39.6 | 37.2 | 28.3 |
| 1630 | 17.0 | 35.3 | 26.8 | 23.2 | 20.3 | 23.2 | 20.3 | 23.2 | 20.3 | 23.2 | 20.3 | 27.7 | 22.8 | 49.9 | 35.1 | 55.9 | 38.5 | 42.3 | 30.9 |
| 1730 | 15.7 | 27.8 | 21.4 | 20.9 | 18.2 | 19.7 | 17.6 | 19.7 | 17.6 | 19.7 | 17.6 | 19.7 | 17.6 | 44.9 | 31.6 | 57.5 | 38.6 | 47.5 | 33.0 |
| 1830 | 15.2 | 21.4 | 17.5 | 26.3 | 21.0 | 17.3 | 16.0 | 17.3 | 16.0 | 17.3 | 16.0 | 17.3 | 16.0 | 37.2 | 27.0 | 55.0 | 36.9 | 50.5 | 34.4 |
| 1930 | 13.9 | 14.4 | 12.7 | 14.5 | 13.7 | 14.5 | 13.7 | 14.8 | 13.9 | 14.9 | 13.9 | 14.5 | 13.7 | 14.5 | 13.7 | 14.8 | 13.9 | 14.9 | 13.9 |
| 2030 | 12.7 | 10.3 | 10.0 | 12.2 | 12.0 | 12.2 | 12.0 | 12.2 | 12.0 | 12.2 | 12.0 | 12.2 | 12.0 | 12.2 | 12.0 | 12.2 | 12.0 | 12.2 | 12.0 |
| 2130 | 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 |
| 2230 | 11.6 | 8.3 | 8.3 | 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 |
| 2330 | 13.7 | 13.2 | 13.2 | 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 |
| Mean | 14.7 | 25.2 | 19.7 | 18.7 | 16.7 | 20.4 | 17.6 | 23.1 | 19.1 | 24.1 | 19.7 | 23.8 | 19.5 | 25.7 | 20.5 | 25.4 | 20.4 | 22.0 | 18.5 |

* 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 | 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 |
| 0130 | 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 |
| 0230 | 15.7 | 13.4 | 13.4 | 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 |
| 0330 | 16.0 | 13.4 | 13.4 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 |
| 0430 | 16.1 | 15.2 | 15.2 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 |
| 0530 | 16.0 | 13.3 | 13.2 | 15.2 | 15.1 | 15.2 | 15.1 | 15.2 | 15.1 | 15.2 | 15.1 | 15.2 | 15.1 | 15.2 | 15.1 | 15.2 | 15.1 | 15.2 | 15.1 |
| 0630 | 16.8 | 17.2 | 15.5 | 19.3 | 17.7 | 24.9 | 20.8 | 26.6 | 21.8 | 23.5 | 20.0 | 17.8 | 16.9 | 17.8 | 16.9 | 17.8 | 16.9 | 17.8 | 16.9 |
| 0730 | 19.0 | 25.2 | 20.9 | 22.1 | 20.2 | 37.2 | 28.6 | 45.3 | 33.1 | 39.9 | 30.1 | 24.1 | 21.3 | 22.1 | 20.2 | 22.1 | 20.2 | 22.1 | 20.2 |
| 0830 | 22.8 | 35.1 | 28.1 | 27.6 | 24.9 | 41.6 | 32.7 | 56.7 | 41.1 | 54.4 | 39.9 | 36.1 | 29.7 | 27.6 | 24.9 | 27.6 | 24.9 | 27.6 | 24.9 |
| 0930 | 23.2 | 40.5 | 31.3 | 29.3 | 26.1 | 35.9 | 29.8 | 55.1 | 40.4 | 58.7 | 42.4 | 44.6 | 34.6 | 29.3 | 26.1 | 29.3 | 26.1 | 29.3 | 26.1 |
| 1030 | 21.2 | 43.7 | 32.9 | 28.8 | 25.1 | 28.8 | 25.1 | 47.2 | 35.4 | 57.0 | 40.8 | 49.6 | 36.7 | 29.3 | 25.4 | 28.8 | 25.1 | 28.8 | 25.1 |
| 1130 | 26.0 | 51.8 | 39.3 | 33.9 | 30.1 | 33.9 | 30.1 | 43.2 | 35.2 | 59.8 | 44.4 | 60.4 | 44.7 | 44.5 | 35.9 | 33.9 | 30.1 | 33.9 | 30.1 |
| 1230 | 23.5 | 50.8 | 37.8 | 31.7 | 27.7 | 31.7 | 27.7 | 31.7 | 27.7 | 50.3 | 38.1 | 59.9 | 43.4 | 51.9 | 39.0 | 31.2 | 27.5 | 31.7 | 27.7 |
| 1330 | 25.2 | 51.0 | 38.4 | 32.8 | 29.0 | 32.8 | 29.0 | 32.8 | 29.0 | 42.0 | 34.1 | 60.0 | 44.1 | 61.1 | 44.8 | 44.7 | 35.7 | 32.8 | 29.0 |
| 1430 | 25.4 | 48.0 | 36.5 | 32.1 | 28.6 | 32.1 | 28.6 | 32.1 | 28.6 | 32.1 | 28.6 | 55.4 | 41.6 | 65.8 | 47.3 | 55.5 | 41.6 | 30.7 | 27.8 |
| 1530 | 24.6 | 45.6 | 35.9 | 31.0 | 28.0 | 31.0 | 28.0 | 31.0 | 28.0 | 31.0 | 28.0 | 48.1 | 37.5 | 66.6 | 47.8 | 63.6 | 46.1 | 40.7 | 33.4 |
| 1630 | 21.6 | 37.5 | 30.2 | 26.7 | 24.3 | 26.7 | 24.3 | 26.7 | 24.3 | 26.7 | 24.3 | 35.9 | 29.5 | 60.1 | 42.9 | 64.2 | 45.2 | 45.8 | 35.0 |
| 1730 | 20.4 | 30.3 | 25.7 | 23.8 | 22.2 | 23.8 | 22.2 | 23.8 | 22.2 | 23.8 | 22.2 | 25.1 | 22.9 | 51.4 | 37.5 | 61.3 | 43.0 | 49.0 | 36.2 |
| 1830 | 19.8 | 24.2 | 22.0 | 27.2 | 23.8 | 21.3 | 20.5 | 21.3 | 20.5 | 21.3 | 20.5 | 21.3 | 20.5 | 44.7 | 33.6 | 60.7 | 42.4 | 53.4 | 38.4 |
| 1930 | 18.8 | 17.5 | 17.2 | 18.5 | 18.3 | 18.5 | 18.3 | 18.5 | 18.3 | 18.5 | 18.3 | 18.5 | 18.3 | 18.5 | 18.3 | 18.5 | 18.3 | 18.5 | 18.3 |
| 2030 | 18.2 | 16.3 | 16.3 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 |
| 2130 | 17.7 | 16.8 | 16.8 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 |
| 2230 | 17.3 | 14.3 | 14.3 | 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 | 16.3 |
| 2330 | 16.9 | 13.6 | 13.6 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 |
| Mean | 19.8 | 27.5 | 23.1 | 22.6 | 21.0 | 24.1 | 21.8 | 27.1 | 23.5 | 29.1 | 24.6 | 29.8 | 25.0 | 31.2 | 25.8 | 29.9 | 25.1 | 25.9 | 22.8 |

* Greenwich Mean Time

Table 2.14(1) Air and corresponding sol-air temperatures: Plymouth (Camborne) (May 2002–April 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 | 11.4 | 8.1 | 8.1 | 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 |
| 0130 | 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 |
| 0230 | 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 |
| 0330 | 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 |
| 0430 | 11.6 | 8.3 | 8.3 | 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 |
| 0530 | 11.9 | 8.6 | 8.6 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 |
| 0630 | 13.7 | 12.1 | 11.3 | 13.5 | 13.1 | 13.6 | 13.1 | 13.7 | 13.2 | 13.6 | 13.1 | 13.5 | 13.1 | 13.6 | 13.1 | 13.7 | 13.2 | 13.6 | 13.1 |
| 0730 | 16.3 | 19.2 | 16.4 | 17.8 | 16.6 | 31.7 | 24.4 | 44.2 | 31.3 | 41.2 | 29.6 | 24.5 | 20.3 | 17.8 | 16.6 | 17.8 | 16.6 | 17.8 | 16.6 |
| 0830 | 17.9 | 25.9 | 20.9 | 21.1 | 19.2 | 30.6 | 24.5 | 48.8 | 34.5 | 50.6 | 35.5 | 34.9 | 26.9 | 21.1 | 19.2 | 21.1 | 19.2 | 21.1 | 19.2 |
| 0930 | 18.7 | 31.4 | 24.3 | 23.2 | 20.7 | 25.0 | 21.7 | 47.7 | 34.3 | 55.7 | 38.7 | 44.3 | 32.4 | 23.2 | 20.7 | 23.2 | 20.7 | 23.2 | 20.7 |
| 1030 | 20.0 | 36.5 | 27.7 | 25.4 | 22.5 | 25.4 | 22.5 | 42.9 | 32.2 | 57.6 | 40.4 | 52.9 | 37.8 | 31.6 | 26.0 | 25.4 | 22.5 | 25.4 | 22.5 |
| 1130 | 20.9 | 39.9 | 30.1 | 26.9 | 23.8 | 26.9 | 23.8 | 34.2 | 27.9 | 54.6 | 39.2 | 58.1 | 41.1 | 42.8 | 32.6 | 26.9 | 23.8 | 26.9 | 23.8 |
| 1230 | 21.2 | 41.0 | 30.7 | 27.1 | 24.0 | 27.1 | 24.0 | 27.1 | 24.0 | 48.5 | 35.9 | 61.0 | 42.8 | 52.9 | 38.3 | 29.0 | 25.0 | 27.1 | 24.0 |
| 1330 | 21.6 | 40.9 | 30.9 | 27.0 | 24.1 | 27.0 | 24.1 | 27.0 | 24.1 | 39.5 | 31.0 | 61.1 | 43.0 | 62.0 | 43.5 | 41.7 | 32.2 | 27.0 | 24.1 |
| 1430 | 21.5 | 38.4 | 29.4 | 26.0 | 23.5 | 26.0 | 23.5 | 26.0 | 23.5 | 27.5 | 24.3 | 56.8 | 40.6 | 67.4 | 46.5 | 53.1 | 38.6 | 26.0 | 23.5 |
| 1530 | 21.1 | 34.5 | 27.1 | 24.3 | 22.4 | 24.3 | 22.4 | 24.3 | 22.4 | 24.3 | 22.4 | 50.3 | 36.8 | 71.2 | 48.4 | 64.1 | 44.5 | 33.2 | 27.3 |
| 1630 | 20.2 | 29.1 | 23.6 | 21.9 | 20.7 | 21.9 | 20.7 | 21.9 | 20.7 | 21.9 | 20.7 | 41.2 | 31.4 | 73.6 | 49.4 | 75.3 | 50.3 | 45.4 | 33.7 |
| 1730 | 19.0 | 22.6 | 19.5 | 23.1 | 20.8 | 23.1 | 20.8 | 23.1 | 20.8 | 23.1 | 20.8 | 23.1 | 20.8 | 23.1 | 20.8 | 23.1 | 20.8 | 23.1 | 20.8 |
| 1830 | 16.9 | 15.1 | 14.4 | 17.1 | 16.5 | 17.1 | 16.5 | 17.1 | 16.5 | 17.1 | 16.5 | 17.1 | 16.5 | 17.1 | 16.5 | 17.1 | 16.5 | 17.1 | 16.5 |
| 1930 | 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 |
| 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 | 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 |
| 2230 | 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 |
| 2330 | 11.9 | 8.6 | 8.6 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 |
| Mean | 16.0 | 20.2 | 16.9 | 17.4 | 16.3 | 18.4 | 16.9 | 21.7 | 18.7 | 24.9 | 20.5 | 27.6 | 21.9 | 26.7 | 21.4 | 23.1 | 19.5 | 18.7 | 17.0 |

* 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 | 10.9 | 10.4 | 10.4 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 |
| 0130 | 10.7 | 9.8 | 9.8 | 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 | 10.4 | 9.5 | 9.5 | 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 |
| 0330 | 10.3 | 9.8 | 9.8 | 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 |
| 0430 | 9.9 | 8.7 | 8.7 | 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 |
| 0530 | 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 |
| 0630 | 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 |
| 0730 | 9.2 | 7.5 | 7.1 | 9.1 | 8.7 | 9.1 | 8.7 | 9.1 | 8.7 | 9.1 | 8.7 | 9.1 | 8.7 | 9.1 | 8.7 | 9.1 | 8.7 | 9.1 | 8.7 |
| 0830 | 11.0 | 13.6 | 11.0 | 12.7 | 11.4 | 16.3 | 13.4 | 28.9 | 20.4 | 32.2 | 22.3 | 24.2 | 17.8 | 12.7 | 11.4 | 12.7 | 11.4 | 12.7 | 11.4 |
| 0930 | 12.2 | 20.3 | 15.2 | 15.1 | 13.3 | 15.1 | 13.3 | 38.4 | 26.3 | 50.6 | 33.0 | 41.8 | 28.1 | 17.1 | 14.4 | 15.1 | 13.3 | 15.1 | 13.3 |
| 1030 | 13.2 | 25.4 | 18.5 | 16.9 | 14.7 | 16.9 | 14.7 | 34.4 | 24.5 | 55.3 | 36.1 | 53.2 | 34.9 | 29.3 | 21.7 | 16.9 | 14.7 | 16.9 | 14.7 |
| 1130 | 13.3 | 28.5 | 20.4 | 17.4 | 15.1 | 17.4 | 15.1 | 24.2 | 18.9 | 53.1 | 35.0 | 60.5 | 39.0 | 42.0 | 28.8 | 17.4 | 15.1 | 17.4 | 15.1 |
| 1230 | 13.5 | 29.1 | 20.7 | 17.4 | 15.2 | 17.4 | 15.2 | 17.4 | 15.2 | 45.6 | 30.8 | 63.2 | 40.6 | 53.4 | 35.2 | 21.9 | 17.7 | 17.4 | 15.2 |
| 1330 | 13.5 | 28.0 | 20.2 | 17.1 | 15.0 | 17.1 | 15.0 | 17.1 | 15.0 | 34.3 | 24.6 | 61.0 | 39.4 | 61.4 | 39.7 | 35.3 | 25.2 | 17.1 | 15.0 |
| 1430 | 13.2 | 24.2 | 18.0 | 16.0 | 14.3 | 16.0 | 14.3 | 16.0 | 14.3 | 20.9 | 17.0 | 53.1 | 34.9 | 63.2 | 40.5 | 45.3 | 30.6 | 16.0 | 14.3 |
| 1530 | 12.0 | 17.9 | 13.8 | 13.6 | 12.4 | 13.6 | 12.4 | 13.6 | 12.4 | 13.6 | 12.4 | 41.5 | 27.9 | 58.9 | 37.6 | 49.6 | 32.4 | 18.9 | 15.3 |
| 1630 | 10.7 | 11.6 | 9.9 | 11.5 | 10.7 | 11.9 | 10.9 | 11.8 | 10.9 | 11.5 | 10.7 | 11.5 | 10.7 | 11.9 | 10.9 | 11.8 | 10.9 | 11.5 | 10.7 |
| 1730 | 9.3 | 6.6 | 6.5 | 8.4 | 8.3 | 8.4 | 8.3 | 8.4 | 8.3 | 8.4 | 8.3 | 8.4 | 8.3 | 8.4 | 8.3 | 8.4 | 8.3 | 8.4 | 8.3 |
| 1830 | 8.5 | 5.2 | 5.2 | 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 |
| 1930 | 8.5 | 5.2 | 5.2 | 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 |
| 2030 | 8.3 | 5.0 | 5.0 | 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 |
| 2130 | 8.1 | 4.8 | 4.8 | 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 | 7.0 |
| 2230 | 7.8 | 4.5 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| 2330 | 11.2 | 10.7 | 10.7 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 |
| Mean | 10.6 | 12.8 | 10.7 | 11.2 | 10.5 | 11.3 | 10.6 | 13.9 | 12.0 | 18.6 | 14.7 | 22.5 | 16.8 | 20.0 | 15.4 | 14.9 | 12.6 | 11.4 | 10.6 |

* Greenwich Mean Time

Table 2.14(l) Air and corresponding sol-air temperatures: Plymouth (Camborne) (May 2002–April 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 | 11.8 | 8.5 | 8.5 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 |
| 0130 | 11.9 | 8.6 | 8.6 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 |
| 0230 | 11.8 | 8.5 | 8.5 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 |
| 0330 | 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 |
| 0430 | 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 |
| 0530 | 11.8 | 8.5 | 8.5 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 |
| 0630 | 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 |
| 0730 | 11.6 | 8.4 | 8.3 | 10.6 | 10.5 | 10.6 | 10.5 | 10.6 | 10.5 | 10.6 | 10.5 | 10.6 | 10.5 | 10.6 | 10.5 | 10.6 | 10.5 | 10.6 | 10.5 |
| 0830 | 12.0 | 11.4 | 10.2 | 12.5 | 11.7 | 12.3 | 11.7 | 12.5 | 11.8 | 12.6 | 11.9 | 12.5 | 11.7 | 12.3 | 11.7 | 12.5 | 11.8 | 12.6 | 11.9 |
| 0930 | 13.1 | 16.1 | 13.3 | 14.4 | 13.3 | 14.4 | 13.3 | 34.0 | 24.2 | 46.4 | 31.1 | 40.0 | 27.5 | 18.5 | 15.6 | 14.4 | 13.3 | 14.4 | 13.3 |
| 1030 | 13.5 | 19.4 | 15.3 | 15.8 | 14.2 | 15.8 | 14.2 | 29.6 | 21.9 | 48.0 | 32.2 | 47.4 | 31.8 | 28.1 | 21.1 | 15.8 | 14.2 | 15.8 | 14.2 |
| 1130 | 15.0 | 22.8 | 17.8 | 17.8 | 16.0 | 17.8 | 16.0 | 23.3 | 19.1 | 47.1 | 32.4 | 53.6 | 35.9 | 38.8 | 27.7 | 17.8 | 16.0 | 17.8 | 16.0 |
| 1230 | 14.9 | 23.2 | 18.0 | 17.8 | 16.0 | 17.8 | 16.0 | 17.8 | 16.0 | 42.0 | 29.5 | 56.2 | 37.3 | 47.6 | 32.5 | 21.2 | 17.9 | 17.8 | 16.0 |
| 1330 | 14.1 | 21.4 | 16.6 | 16.6 | 15.0 | 16.6 | 15.0 | 16.6 | 15.0 | 33.0 | 24.1 | 54.2 | 35.9 | 53.1 | 35.3 | 30.3 | 22.6 | 16.6 | 15.0 |
| 1430 | 13.6 | 18.4 | 14.8 | 15.2 | 14.0 | 15.2 | 14.0 | 15.2 | 14.0 | 22.7 | 18.2 | 49.9 | 33.3 | 56.6 | 37.0 | 38.8 | 27.1 | 15.2 | 14.0 |
| 1530 | 12.3 | 13.7 | 11.6 | 13.8 | 12.6 | 14.2 | 12.8 | 13.8 | 12.6 | 13.4 | 12.4 | 13.8 | 12.6 | 14.2 | 12.8 | 13.8 | 12.6 | 13.4 | 12.4 |
| 1630 | 11.0 | 9.0 | 8.4 | 11.0 | 10.5 | 11.0 | 10.5 | 11.0 | 10.5 | 11.0 | 10.5 | 11.0 | 10.5 | 11.0 | 10.5 | 11.0 | 10.5 | 11.0 | 10.5 |
| 1730 | 10.4 | 7.1 | 7.1 | 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 |
| 1830 | 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 |
| 1930 | 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 |
| 2030 | 10.4 | 7.1 | 7.1 | 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 |
| 2130 | 10.2 | 6.9 | 6.9 | 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 |
| 2230 | 10.4 | 7.1 | 7.1 | 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 |
| 2330 | 11.9 | 8.6 | 8.6 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 |
| Mean | 12.0 | 11.4 | 10.2 | 11.9 | 11.5 | 11.9 | 11.5 | 13.6 | 12.4 | 17.8 | 14.7 | 20.4 | 16.2 | 18.0 | 14.8 | 13.6 | 12.4 | 11.9 | 11.5 |

* 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 | 4.2 | 3.7 | 3.7 | 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 |
| 0130 | 4.2 | 3.7 | 3.7 | 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 | 4.3 | 3.8 | 3.8 | 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 | 4.1 |
| 0330 | 4.4 | 3.9 | 3.9 | 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 |
| 0430 | 4.5 | 4.0 | 4.0 | 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 | 4.8 | 4.3 | 4.3 | 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 |
| 0630 | 5.3 | 4.4 | 4.4 | 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 |
| 0730 | 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 |
| 0830 | 3.2 | 0.2 | 0.1 | 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 |
| 0930 | 4.5 | 4.3 | 2.9 | 4.9 | 4.2 | 4.9 | 4.2 | 15.3 | 10.0 | 21.4 | 13.4 | 17.9 | 11.4 | 7.0 | 5.4 | 4.9 | 4.2 | 4.9 | 4.2 |
| 1030 | 5.3 | 8.8 | 5.9 | 6.9 | 5.7 | 6.9 | 5.7 | 20.0 | 13.0 | 35.5 | 21.6 | 34.3 | 21.0 | 16.9 | 11.3 | 6.9 | 5.7 | 6.9 | 5.7 |
| 1130 | 5.8 | 14.0 | 10.0 | 8.6 | 7.2 | 8.6 | 7.2 | 16.1 | 11.4 | 40.4 | 24.9 | 45.8 | 27.9 | 29.3 | 18.7 | 8.6 | 7.2 | 8.6 | 7.2 |
| 1230 | 5.3 | 14.0 | 9.8 | 8.3 | 6.8 | 8.3 | 6.8 | 8.3 | 6.8 | 34.0 | 21.1 | 46.5 | 28.0 | 36.4 | 22.4 | 9.6 | 7.6 | 8.3 | 6.8 |
| 1330 | 5.5 | 12.3 | 7.9 | 7.7 | 6.3 | 7.7 | 6.3 | 7.7 | 6.3 | 29.1 | 18.2 | 51.5 | 30.6 | 47.9 | 28.6 | 20.5 | 13.4 | 7.7 | 6.3 |
| 1430 | 5.1 | 8.4 | 5.4 | 6.2 | 5.2 | 6.2 | 5.2 | 6.2 | 5.2 | 16.4 | 10.9 | 41.5 | 24.8 | 45.8 | 27.2 | 26.7 | 16.6 | 6.2 | 5.2 |
| 1530 | 4.3 | 3.9 | 2.6 | 4.8 | 4.1 | 5.0 | 4.2 | 4.8 | 4.1 | 4.6 | 4.0 | 4.8 | 4.1 | 5.0 | 4.2 | 4.8 | 4.1 | 4.6 | 4.0 |
| 1630 | 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 |
| 1730 | 2.9 | -0.4 | -0.4 | 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 |
| 1830 | 2.6 | -0.4 | -0.4 | 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 |
| 1930 | 1.6 | -1.7 | -1.7 | 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 |
| 2030 | 1.5 | -1.5 | -1.5 | 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 | 0.5 |
| 2130 | 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 |
| 2230 | 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 |
| 2330 | 4.2 | 3.7 | 3.7 | 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 |
| Mean | 3.8 | 3.7 | 2.8 | 3.8 | 3.5 | 3.9 | 3.5 | 5.1 | 4.2 | 9.4 | 6.6 | 12.0 | 8.0 | 9.7 | 6.8 | 5.3 | 4.3 | 3.8 | 3.5 |

* Greenwich Mean Time