

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR DECEMBER 201

| DD | N | dd | ff | ww | VV | 0900GMT | | Temperature | | | | Soil temperatures (depth in cm) | | | | | | E | SS | Rain | Sun | S | L | H | T | G | F | Press | Rain hrs | Fr. hrs | Pch Evap | | |
|---|---|----|----|----|----|---------|----|-------------|------|------|-----|---------------------------------|-----|-----|-----|-----|----|---|------|------|------|------|------|---|---|--------|--------|--------|----------|---------|--|--|--|
| | | | | | | Temp | RH | Max | Min | Gmin | 5 | 10 | 20 | 30 | 50 | 100 | | | | | | | | | | | | | | | | | |
| 01 | 6 | 03 | 05 | 02 | 97 | 4.5 | 86 | 7.6 | 1.8 | -1.2 | 3.9 | 4.2 | 5.6 | 7.3 | 8.0 | 9.8 | 10 | 0 | 0.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1021.5 | 0.0 | 0.0 | 0.5 | Number of days with 2019 normal Snow/sleet falling 0 2.1 50% snow cover 09GMT 0 1.5 Hail or ice pellets 0 0.4 Thunder 2 0.2 Gale 0 0.1 Fog at 09GMT 1 2.1 Air frost 7 9.3 Ground frost 19 16.7 0.2mm precipitation 21 14.7 1.0mm precipitation 16 10.9 5.0mm precipitation 6 4.7 No sunshine 10 13.7 A mild month overall, but cooler than December 2018 and with more ground frosts than normal. The month was both wetter and sunnier than normal with a wide range of air pressure, although the spells with high pressure were often rather dull. 2 days with thunder (albeit little more than a couple of rumbles) was the most in December since 3 days in 1989. | | |
| 02 | 0 | 31 | 02 | 02 | 97 | -1.6 | 86 | 6.8 | -1.8 | -5.0 | 2.3 | 2.8 | 4.9 | 6.9 | 7.6 | 9.5 | 40 | 0 | 0.0 | 5.2 | 0 | 0 | 0 | 0 | 0 | 1031.0 | 0.0 | 5.7 | 0.3 | | | | |
| 03 | 7 | 23 | 02 | 02 | 97 | 2.4 | 88 | 8.7 | -1.6 | -4.8 | 3.4 | 3.3 | 4.5 | 6.2 | 7.1 | 9.3 | 10 | 0 | 0.0 | 1.8 | 0 | 0 | 0 | 0 | 0 | 1029.5 | 0.0 | 0.0 | 0.4 | | | | |
| 04 | 9 | 00 | 00 | 45 | 02 | -0.1 | 90 | 6.5 | -1.0 | -4.2 | 2.7 | 2.9 | 4.5 | 6.1 | 6.7 | 9.1 | 10 | 0 | 0.0 | 4.4 | 0 | 0 | 0 | 0 | 1 | 1021.5 | 0.0 | 11.4 | 0.1 | | | | |
| 05 | 7 | 00 | 00 | 02 | 95 | 1.4 | 90 | 12.0 | -1.7 | -5.0 | 2.6 | 2.8 | 4.0 | 5.7 | 6.5 | 8.9 | 10 | 0 | 3.9 | 0.0 | 0 | 0 | 0 | 0 | 0 | 1021.5 | 3.0 | 6.5 | 0.4 | | | | |
| 06 | 8 | 23 | 09 | 21 | 97 | 12.0 | 90 | 12.7 | 1.4 | -0.2 | 7.8 | 7.1 | 6.5 | 6.2 | 6.4 | 8.7 | 20 | 0 | 2.4 | 0.0 | 0 | 0 | 0 | 0 | 0 | 1007.0 | 0.7 | 0.0 | 0.6 | | | | |
| 07 | 7 | 27 | 05 | 02 | 97 | 7.4 | 88 | 11.6 | 6.7 | 2.0 | 6.2 | 6.3 | 6.9 | 7.1 | 7.0 | 8.6 | 10 | 0 | 3.2 | 0.3 | 0 | 0 | 0 | 0 | 0 | 1015.0 | 3.1 | 0.0 | 1.0 | | | | |
| 08 | 5 | 27 | 09 | 02 | 97 | 9.5 | 74 | 10.6 | 7.4 | 6.0 | 7.3 | 7.4 | 7.9 | 7.6 | 7.4 | 8.7 | 10 | 0 | 0.3 | 2.8 | 0 | 0 | 0 | 0 | 0 | 1001.5 | 0.4 | 0.0 | 1.6 | | | | |
| 09 | 6 | 31 | 05 | 02 | 97 | 8.3 | 67 | 9.8 | 6.3 | 3.0 | 6.2 | 6.3 | 7.0 | 7.5 | 7.6 | 8.8 | 10 | 0 | 0.0 | 5.2 | 0 | 0 | 0 | 0 | 0 | 1007.5 | 0.0 | 0.0 | 1.2 | | | | |
| 10 | 8 | 13 | 05 | 03 | 96 | 7.4 | 92 | 11.9 | -1.2 | -4.2 | 3.7 | 3.8 | 5.0 | 6.9 | 7.4 | 8.9 | 10 | 0 | 4.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 1016.5 | 5.6 | 6.2 | 0.6 | | | | |
| 11 | 1 | 00 | 00 | 02 | 97 | 0.6 | 87 | 8.2 | 0.6 | -2.5 | 3.9 | 4.5 | 5.9 | 7.0 | 7.2 | 8.8 | 10 | 0 | 0.0 | 3.1 | 0 | 0 | 0 | 0 | 0 | 1007.0 | 0.0 | 0.0 | 0.4 | | | | |
| 12 | 8 | 18 | 05 | 60 | 97 | 4.0 | 93 | 8.9 | -0.6 | -4.5 | 3.3 | 3.4 | 4.6 | 6.4 | 6.9 | 8.8 | 10 | 0 | 1.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 995.0 | 1.0 | 4.0 | 0.6 | | | | |
| 13 | 8 | 27 | 05 | 02 | 97 | 6.2 | 80 | 8.4 | 4.0 | 2.4 | 5.8 | 5.6 | 6.2 | 6.6 | 6.7 | 8.6 | 20 | 0 | 15.7 | 2.4 | 0 | 0 | 0 | 0 | 0 | 981.5 | 11.0 | 0.0 | 1.1 | | | | |
| 14 | 7 | 27 | 05 | 02 | 97 | 5.3 | 81 | 8.6 | 4.0 | -1.2 | 4.0 | 4.4 | 5.6 | 6.6 | 6.8 | 8.5 | 10 | 0 | 2.6 | 3.3 | 0 | 0 | 0 | 1 | 0 | 990.5 | 3.5 | 0.0 | 1.1 | | | | |
| 15 | 7 | 27 | 05 | 02 | 97 | 5.1 | 82 | 9.4 | 4.2 | -0.7 | 4.4 | 4.4 | 5.4 | 6.5 | 6.7 | 8.4 | 20 | 0 | 10.2 | 5.0 | 0 | 0 | 0 | 0 | 0 | 996.0 | 3.2 | 0.0 | 0.9 | | | | |
| 16 | 8 | 18 | 02 | 02 | 96 | 5.3 | 90 | 8.2 | 4.7 | 2.0 | 4.9 | 4.9 | 5.6 | 6.4 | 6.6 | 8.3 | 20 | 0 | 2.3 | 0.0 | 0 | 0 | 0 | 0 | 0 | 1001.0 | 4.7 | 0.0 | 0.2 | | | | |
| 17 | 8 | 36 | 02 | 60 | 95 | 6.1 | 92 | 7.5 | 5.3 | 1.0 | 6.1 | 5.7 | 6.3 | 6.6 | 6.7 | 8.1 | 20 | 0 | 1.4 | 0.0 | 0 | 0 | 0 | 0 | 0 | 999.0 | 2.2 | 0.0 | 0.1 | | | | |
| 18 | 6 | 13 | 02 | 28 | 95 | 1.9 | 90 | 11.6 | 1.3 | -1.5 | 4.5 | 4.8 | 6.0 | 6.8 | 6.9 | 8.2 | 20 | 0 | 8.7 | 0.8 | 0 | 0 | 0 | 0 | 0 | 1010.5 | 10.6 | 0.0 | 0.5 | | | | |
| 19 | 8 | 18 | 09 | 21 | 96 | 11.6 | 90 | 12.8 | 1.9 | -0.5 | 8.2 | 7.8 | 7.4 | 7.0 | 6.9 | 8.1 | 20 | 0 | 16.2 | 0.4 | 0 | 0 | 0 | 1 | 0 | 1000.0 | 10.2 | 0.0 | 0.6 | | | | |
| 20 | 8 | 05 | 02 | 61 | 96 | 9.0 | 92 | 9.6 | 8.5 | 6.1 | 8.0 | 7.8 | 7.9 | 7.8 | 7.4 | 8.2 | 20 | 0 | 8.3 | 0.1 | 0 | 0 | 0 | 0 | 0 | 978.0 | 5.0 | 0.0 | 0.1 | | | | |
| 21 | 6 | 23 | 05 | 01 | 97 | 5.8 | 93 | 10.2 | 2.8 | -1.0 | 6.2 | 6.2 | 7.0 | 7.5 | 7.6 | 8.4 | 20 | 0 | 9.4 | 1.9 | 0 | 0 | 0 | 0 | 0 | 982.5 | 12.8 | 0.0 | 0.3 | | | | |
| 22 | 8 | 31 | 09 | 21 | 97 | 7.3 | 91 | 8.8 | 5.8 | 2.6 | 7.2 | 7.2 | 7.3 | 7.6 | 7.5 | 8.4 | 20 | 0 | 0.2 | 2.0 | 0 | 0 | 0 | 0 | 0 | 984.0 | 0.2 | 0.0 | 0.3 | | | | |
| 23 | 7 | 27 | 05 | 01 | 97 | 6.7 | 82 | 10.1 | 4.8 | -0.7 | 5.4 | 5.6 | 6.4 | 7.3 | 7.5 | 8.5 | 20 | 0 | 2.1 | 4.5 | 0 | 0 | 0 | 0 | 0 | 1007.0 | 1.9 | 0.0 | 0.7 | | | | |
| 24 | 2 | 23 | 05 | 01 | 97 | 7.6 | 91 | 11.5 | 6.5 | 1.1 | 5.6 | 5.6 | 6.5 | 7.1 | 7.2 | 8.4 | 20 | 0 | 0.4 | 1.6 | 0 | 0 | 0 | 0 | 0 | 1007.0 | 0.2 | 0.0 | 0.4 | | | | |
| 25 | 0 | 27 | 02 | 02 | 97 | 1.6 | 83 | 7.9 | 1.2 | -2.7 | 4.5 | 4.9 | 6.4 | 7.3 | 7.3 | 8.4 | 10 | 0 | 0.4 | 5.6 | 0 | 0 | 0 | 0 | 0 | 1024.0 | 0.9 | 0.1 | 0.2 | | | | |
| 26 | 8 | 13 | 05 | 02 | 97 | 6.6 | 87 | 9.6 | -0.1 | -4.0 | 4.6 | 4.4 | 5.5 | 6.4 | 7.0 | 8.4 | 10 | 0 | 3.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 1014.5 | 2.2 | 0.0 | 0.3 | | | | |
| 27 | 8 | 31 | 02 | 02 | 96 | 6.8 | 87 | 8.2 | 6.6 | 4.9 | 6.4 | 6.4 | 6.5 | 6.9 | 6.8 | 8.4 | 10 | 0 | 0.3 | 0.0 | 0 | 0 | 0 | 0 | 0 | 1028.5 | 0.4 | 0.0 | 0.3 | | | | |
| 28 | 8 | 00 | 00 | 02 | 96 | 8.1 | 93 | 9.5 | 6.8 | 3.9 | 7.0 | 7.3 | 7.0 | 7.1 | 7.0 | 8.2 | 10 | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 1036.0 | 0.0 | 0.0 | 0.6 | | | | |
| 29 | 8 | 18 | 05 | 02 | 97 | 7.4 | 82 | 9.3 | 7.4 | 5.8 | 7.1 | 6.9 | 7.3 | 7.5 | 7.2 | 8.3 | 10 | 0 | 0.0 | 2.1 | 0 | 0 | 0 | 0 | 0 | 1034.0 | 0.0 | 0.0 | 0.4 | | | | |
| 30 | 2 | 23 | 02 | 02 | 96 | 5.9 | 92 | 9.9 | 4.8 | -0.8 | 6.2 | 6.2 | 6.8 | 7.3 | 7.2 | 8.3 | 10 | 0 | 0.0 | 4.9 | 0 | 0 | 0 | 0 | 0 | 1030.0 | 0.0 | 0.0 | 0.2 | | | | |
| 31 | 7 | 00 | 00 | 10 | 94 | 6.0 | 93 | 9.4 | 5.0 | -0.7 | 6.1 | 6.1 | 6.6 | 7.1 | 7.2 | 8.4 | 10 | 0 | 0.1 | 0.0 | 0 | 0 | 0 | 0 | 0 | 1032.0 | 0.1 | 0.0 | 0.5 | | | | |
| Monthly means | | | | | | 5.7 | 87 | 9.5 | 3.3 | -0.1 | 5.3 | 5.4 | 6.2 | 6.9 | 7.1 | 8.6 | | | | | | | | | | | | 1010.0 | | | | | |
| Monthly totals | | | | | | | | | | | | | | | | | | | | | | 96.1 | 59.4 | | | | | | 82.9 | 33.9 | 16.5 | | |
| Highest values | | | | | | 12.0 | | 12.8 | 8.5 | 6.1 | 8.2 | 7.8 | 7.9 | 7.8 | 8.0 | 9.8 | | | | | 16.2 | 5.6 | | | | | | 12.8 | 11.4 | 1.6 | | | |
| Lowest values | | | | | | -1.6 | 67 | 6.5 | -1.8 | -5.0 | 2.3 | 2.8 | 4.0 | 5.7 | 6.4 | 8.1 | | | | | | | | | | | | | | | | | |
| 1981-2010 monthly climatological averages | | | | | | | 91 | 7.9 | 2.3 | -0.1 | 4.6 | 4.7 | 5.5 | 6.3 | 6.6 | 8.2 | | | | | 64.6 | 47.1 | | | | | | 1016.0 | 56.8 | 67.0 | 20.2 | | |

Key
 DD: date
 07GMT observations
 N cloud cover (oktas, 9=obscured) dd wind direction (degrees/10)
 ff wind speed (knots)
 ww present weather code
 1 cloud decreasing 41 fog patches
 2 sky not changing 45 fog
 3 cloud increasing 50 intermittent slight drizzle
 10 mist 60 intermittent slight rain
 21 recent rain 61 continuous slight rain
 VV visibility (00-50 metres/100, 94 very poor, 95 poor, 96 moderate, 97 good)
 Soil temperatures are for 0700GMT beneath bare soil (5, 10, 20cm) or grass (30, 50, 100cm)

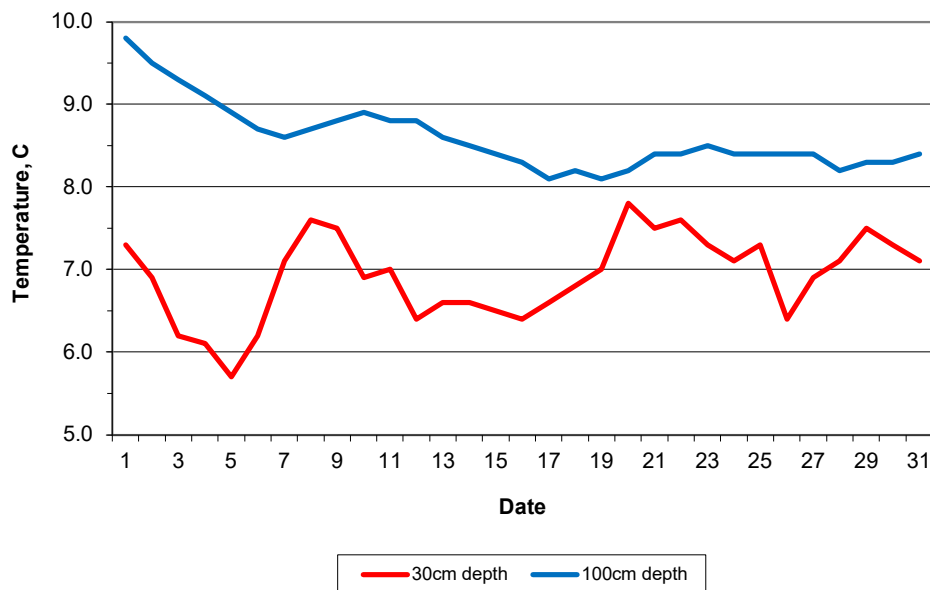
09GMT observations
 Temp temperature (degC) RH relative humidity (%)
 E state of ground (10 moist, 20 wet, 40 frozen, X1-X7 snow) SS snow depth (cm)
 Press air pressure (mb)

24 hour readings
 Max maximum temperature (degC) beginning 09GMT Min minimum temperature (degC) ending 09GMT
 Gmin grass minimum temperature (degC) ending 09GMT Rain precipitation beginning 09GMT
 Sun sunshine (hours) sunrise-sunset Rain hrs hours of rainfall (>0.1mm/h) 09-09GMT
 Fr. Hrs hours of air frost (00-24GMT) Pch Evap Piche evaporation (ml) beginning 09GMT

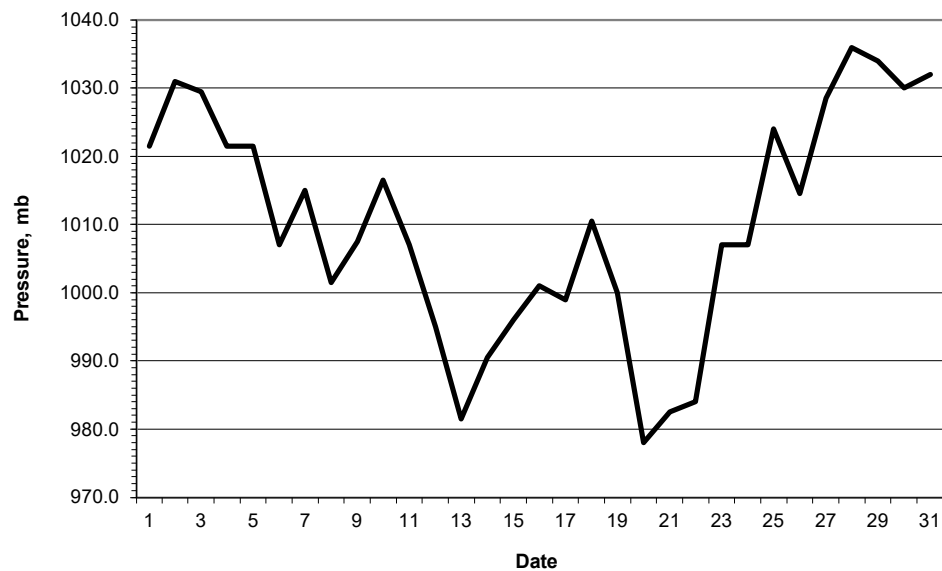
Days with
 S snow(5) or sleet(1) falling L 50% snow cover at 09GMT H hail or ice pellets
 T thunder heard G gale F fog at 09GMT

This information (and data for earlier months) is also available at <http://www.met.rdg.ac.uk/~brugge>

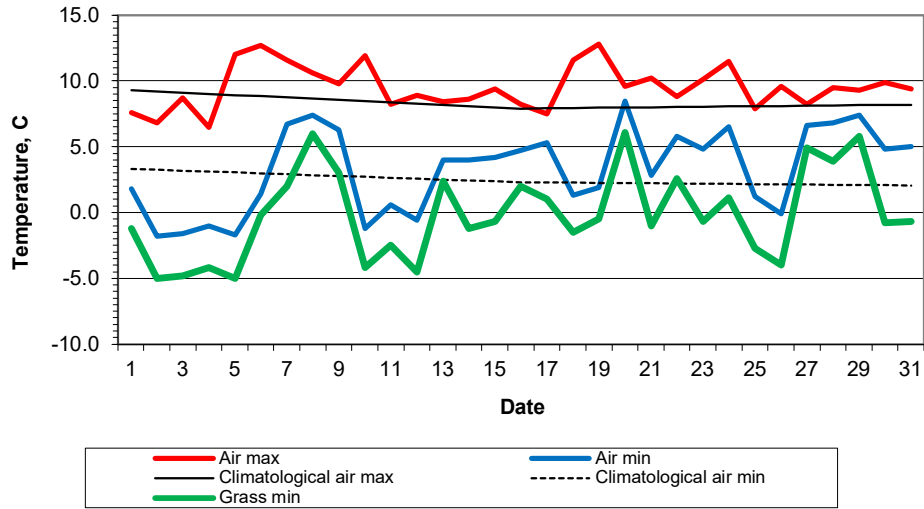
Daily soil temperatures, 0700GMT



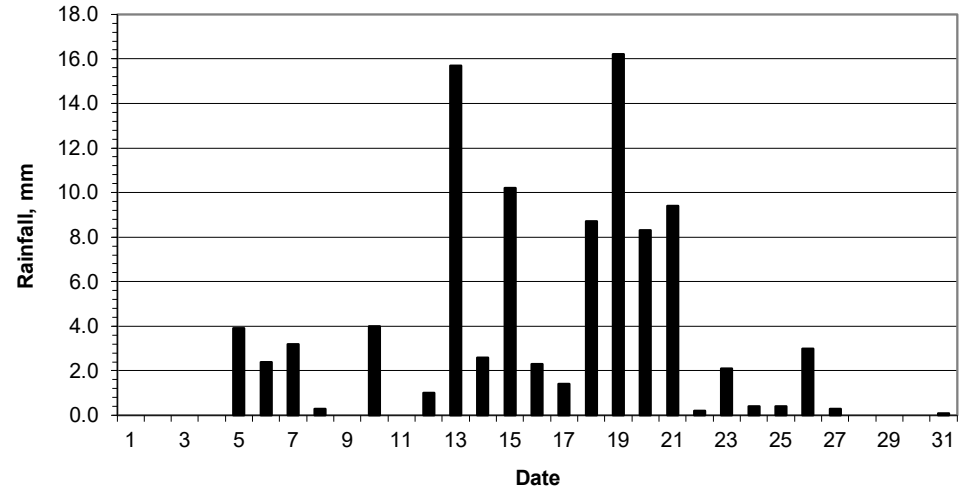
Mean sea level pressure, 0900GMT



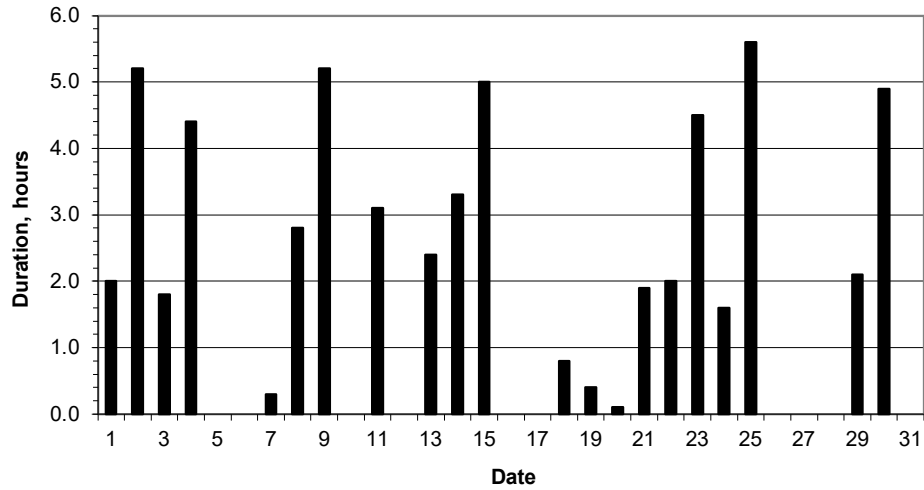
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

