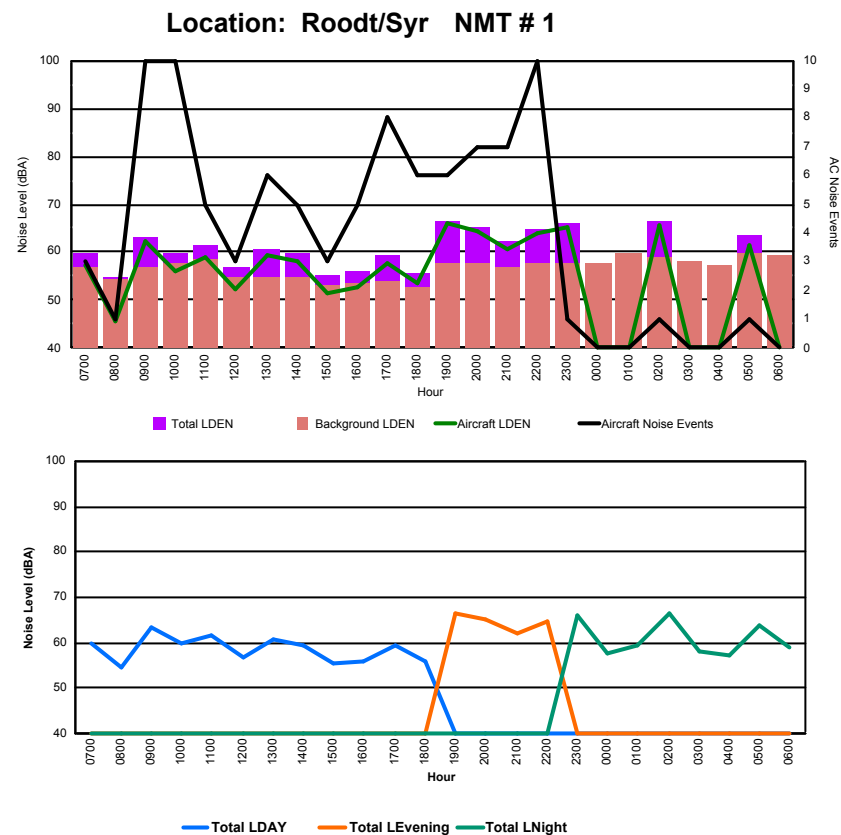




Luxembourg Airport Noise Distribution by Hour

Between 14/12/2017 00:00:00 and 14/12/2017 23:59:59 (Local Time)

| Day | Aircraft Events | Total LDEN dB (A) | Aircraft LDEN dB(A) | Background LDEN dB(A) | Total LDay dB(A) | Total LEvening dB(A) | Total LNight dB (A) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 14/12/17 7:00 | 3 | 59.7 | 57.1 | 56.7 | 59.7 | - | - |
| 14/12/17 8:00 | 1 | 54.6 | 45.8 | 54.2 | 54.6 | - | - |
| 14/12/17 9:00 | 10 | 63.3 | 62.3 | 56.8 | 63.3 | - | - |
| 14/12/17 10:00 | 10 | 59.8 | 56.2 | 57.6 | 59.8 | - | - |
| 14/12/17 11:00 | 5 | 61.5 | 58.8 | 58.5 | 61.5 | - | - |
| 14/12/17 12:00 | 3 | 56.7 | 52.2 | 54.9 | 56.7 | - | - |
| 14/12/17 13:00 | 6 | 60.7 | 59.5 | 54.8 | 60.7 | - | - |
| 14/12/17 14:00 | 5 | 59.6 | 58.0 | 54.6 | 59.6 | - | - |
| 14/12/17 15:00 | 3 | 55.3 | 51.6 | 53.0 | 55.3 | - | - |
| 14/12/17 16:00 | 5 | 56.0 | 52.7 | 53.5 | 56.0 | - | - |
| 14/12/17 17:00 | 8 | 59.4 | 57.8 | 54.1 | 59.4 | - | - |
| 14/12/17 18:00 | 6 | 55.8 | 53.6 | 52.5 | 55.8 | - | - |
| 14/12/17 19:00 | 6 | 66.5 | 65.9 | 57.7 | - | 66.5 | - |
| 14/12/17 20:00 | 7 | 65.0 | 64.3 | 57.5 | - | 65.0 | - |
| 14/12/17 21:00 | 7 | 62.1 | 60.8 | 56.7 | - | 62.1 | - |
| 14/12/17 22:00 | 10 | 64.9 | 64.1 | 57.5 | - | 64.9 | - |
| 14/12/17 23:00 | 1 | 65.9 | 65.2 | 57.5 | - | - | 65.9 |
| 15/12/17 0:00 | - | 57.7 | - | 57.8 | - | - | 57.7 |
| 15/12/17 1:00 | - | 59.6 | - | 59.7 | - | - | 59.6 |
| 15/12/17 2:00 | 1 | 66.6 | 65.7 | 59.1 | - | - | 66.6 |
| 15/12/17 3:00 | - | 57.9 | - | 58.0 | - | - | 57.9 |
| 15/12/17 4:00 | - | 57.3 | - | 57.4 | - | - | 57.3 |
| 15/12/17 5:00 | 1 | 63.7 | 61.5 | 59.8 | - | - | 63.7 |
| 15/12/17 6:00 | - | 59.1 | - | 59.2 | - | - | 59.1 |
| | 98 | 61.9 | 60.2 | 57.1 | 59.3 | 64.9 | 62.5 |



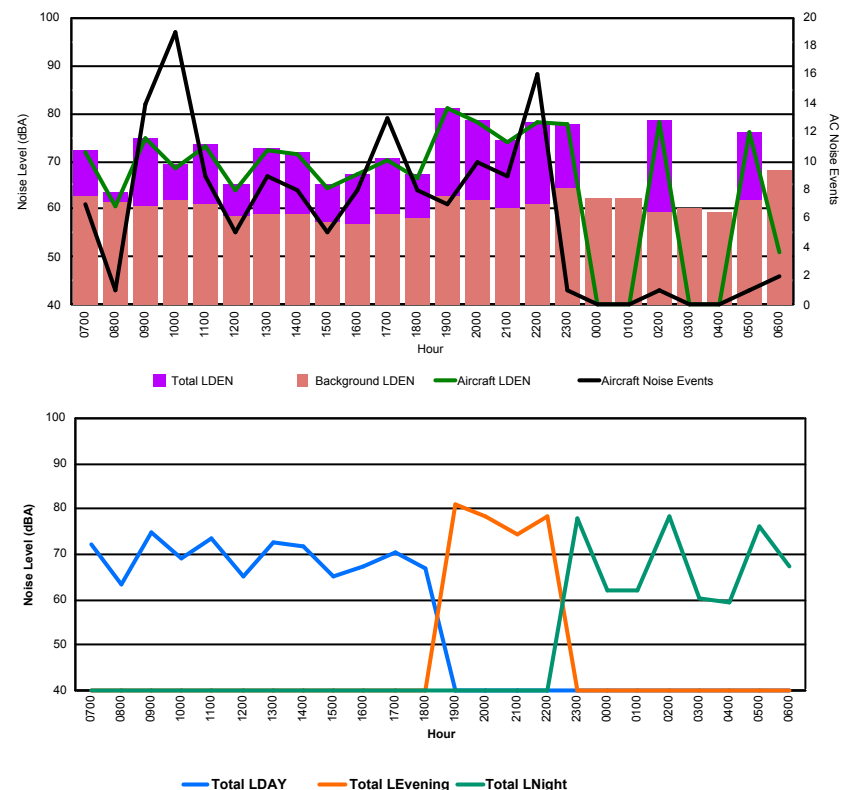


Luxembourg Airport Noise Distribution by Hour

Between 14/12/2017 00:00:00 and 14/12/2017 23:59:59 (Local Time)

| Day | Aircraft Events | Total LDEN dB (A) | Aircraft LDEN dB(A) | Background LDEN dB(A) | Total LDay dB(A) | Total LEvening dB(A) | Total LNight dB (A) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 14/12/17 7:00 | 7 | 72.1 | 71.9 | 62.7 | 72.1 | - | - |
| 14/12/17 8:00 | 1 | 63.6 | 60.6 | 61.6 | 63.6 | - | - |
| 14/12/17 9:00 | 14 | 75.0 | 74.9 | 60.8 | 75.0 | - | - |
| 14/12/17 10:00 | 19 | 69.2 | 68.4 | 61.9 | 69.2 | - | - |
| 14/12/17 11:00 | 9 | 73.4 | 73.2 | 61.2 | 73.4 | - | - |
| 14/12/17 12:00 | 5 | 65.2 | 64.1 | 58.6 | 65.2 | - | - |
| 14/12/17 13:00 | 9 | 72.6 | 72.4 | 59.0 | 72.6 | - | - |
| 14/12/17 14:00 | 8 | 71.8 | 71.6 | 58.8 | 71.8 | - | - |
| 14/12/17 15:00 | 5 | 65.1 | 64.3 | 57.4 | 65.1 | - | - |
| 14/12/17 16:00 | 8 | 67.5 | 67.1 | 57.0 | 67.5 | - | - |
| 14/12/17 17:00 | 13 | 70.5 | 70.2 | 58.8 | 70.5 | - | - |
| 14/12/17 18:00 | 8 | 67.1 | 66.5 | 58.3 | 67.1 | - | - |
| 14/12/17 19:00 | 7 | 81.0 | 81.0 | 62.9 | - | 81.0 | - |
| 14/12/17 20:00 | 10 | 78.4 | 78.3 | 61.7 | - | 78.4 | - |
| 14/12/17 21:00 | 9 | 74.2 | 74.0 | 60.2 | - | 74.2 | - |
| 14/12/17 22:00 | 16 | 78.2 | 78.1 | 60.9 | - | 78.2 | - |
| 14/12/17 23:00 | 1 | 77.9 | 77.7 | 64.3 | - | - | 77.9 |
| 15/12/17 0:00 | - | 62.2 | - | 62.4 | - | - | 62.2 |
| 15/12/17 1:00 | - | 61.9 | - | 62.2 | - | - | 61.9 |
| 15/12/17 2:00 | 1 | 78.4 | 78.3 | 59.3 | - | - | 78.4 |
| 15/12/17 3:00 | - | 60.1 | - | 60.1 | - | - | 60.1 |
| 15/12/17 4:00 | - | 59.3 | - | 59.3 | - | - | 59.3 |
| 15/12/17 5:00 | 1 | 76.2 | 76.0 | 61.9 | - | - | 76.2 |
| 15/12/17 6:00 | 2 | 67.5 | 51.2 | 68.1 | - | - | 67.5 |
| | 153 | 74.1 | 73.8 | 61.6 | 70.7 | 78.6 | 73.6 |

Location: DVOR NMT # 2

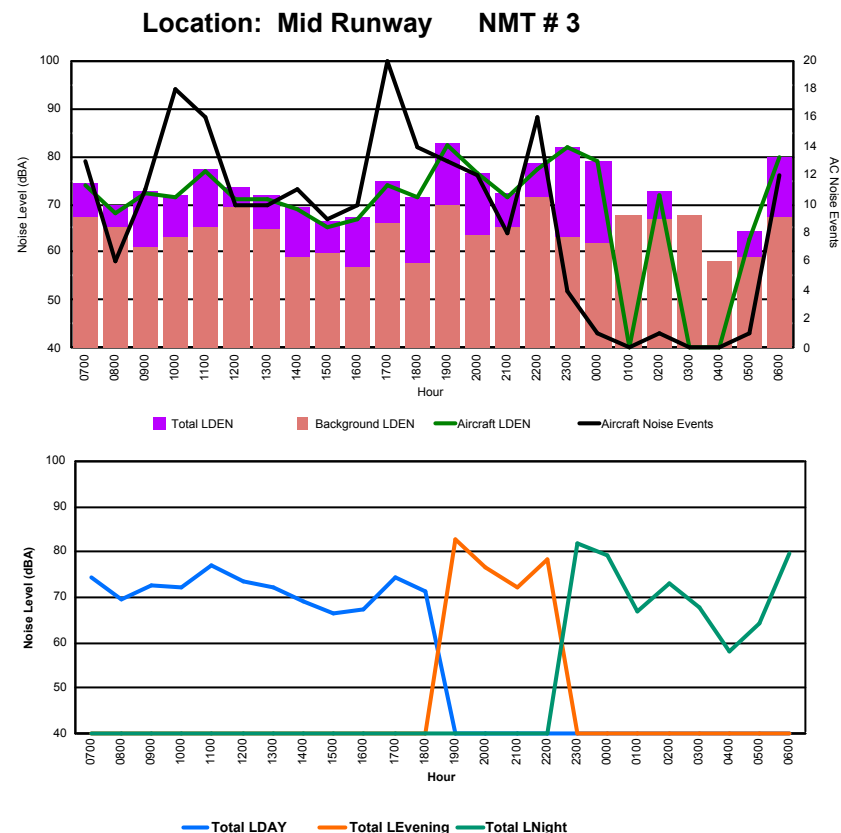




Luxembourg Airport Noise Distribution by Hour

Between 14/12/2017 00:00:00 and 14/12/2017 23:59:59 (Local Time)

| Day | Aircraft Events | Total LDEN dB (A) | Aircraft LDEN dB(A) | Background LDEN dB(A) | Total LDay dB(A) | Total LEvening dB(A) | Total LNight dB (A) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 14/12/17 7:00 | 13 | 74.5 | 73.9 | 67.2 | 74.5 | - | - |
| 14/12/17 8:00 | 6 | 69.6 | 68.0 | 65.0 | 69.6 | - | - |
| 14/12/17 9:00 | 11 | 72.7 | 72.4 | 61.1 | 72.7 | - | - |
| 14/12/17 10:00 | 18 | 72.0 | 71.4 | 63.3 | 72.0 | - | - |
| 14/12/17 11:00 | 16 | 77.1 | 76.9 | 65.0 | 77.1 | - | - |
| 14/12/17 12:00 | 10 | 73.5 | 71.2 | 69.5 | 73.5 | - | - |
| 14/12/17 13:00 | 10 | 72.0 | 71.1 | 64.8 | 72.0 | - | - |
| 14/12/17 14:00 | 11 | 69.2 | 68.8 | 58.8 | 69.2 | - | - |
| 14/12/17 15:00 | 9 | 66.4 | 65.4 | 59.8 | 66.4 | - | - |
| 14/12/17 16:00 | 10 | 67.3 | 67.0 | 57.0 | 67.3 | - | - |
| 14/12/17 17:00 | 20 | 74.6 | 74.0 | 65.9 | 74.6 | - | - |
| 14/12/17 18:00 | 14 | 71.5 | 71.3 | 57.8 | 71.5 | - | - |
| 14/12/17 19:00 | 13 | 82.7 | 82.5 | 70.0 | - | 82.7 | - |
| 14/12/17 20:00 | 12 | 76.5 | 76.3 | 63.6 | - | 76.5 | - |
| 14/12/17 21:00 | 8 | 72.4 | 71.5 | 65.2 | - | 72.4 | - |
| 14/12/17 22:00 | 16 | 78.4 | 77.5 | 71.4 | - | 78.4 | - |
| 14/12/17 23:00 | 4 | 81.8 | 81.8 | 63.0 | - | - | 81.8 |
| 15/12/17 0:00 | 1 | 79.1 | 79.0 | 61.8 | - | - | 79.1 |
| 15/12/17 1:00 | - | 66.7 | - | 67.6 | - | - | 66.7 |
| 15/12/17 2:00 | 1 | 72.9 | 71.7 | 67.0 | - | - | 72.9 |
| 15/12/17 3:00 | - | 67.8 | - | 67.8 | - | - | 67.8 |
| 15/12/17 4:00 | - | 58.3 | - | 58.3 | - | - | 58.3 |
| 15/12/17 5:00 | 1 | 64.2 | 62.7 | 59.0 | - | - | 64.2 |
| 15/12/17 6:00 | 12 | 79.9 | 79.6 | 67.2 | - | - | 79.9 |
| | 216 | 75.8 | 75.3 | 65.7 | 72.7 | 79.0 | 76.6 |





Luxembourg Airport Noise Distribution by Hour

Between 14/12/2017 00:00:00 and 14/12/2017 23:59:59 (Local Time)

| Day | Aircraft Events | Total LDEN dB (A) | Aircraft LDEN dB(A) | Background LDEN dB(A) | Total LDay dB(A) | Total LEvening dB(A) | Total LNight dB (A) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 14/12/17 7:00 | 12 | 65.0 | 63.3 | 67.7 | 65.0 | - | - |
| 14/12/17 8:00 | 8 | 68.1 | 66.9 | 69.7 | 68.1 | - | - |
| 14/12/17 9:00 | 3 | 65.4 | 61.5 | 63.9 | 65.4 | - | - |
| 14/12/17 10:00 | 12 | 68.6 | 67.4 | 63.3 | 68.6 | - | - |
| 14/12/17 11:00 | 13 | 67.4 | 65.5 | 64.2 | 67.4 | - | - |
| 14/12/17 12:00 | 11 | 69.6 | 68.7 | 63.0 | 69.6 | - | - |
| 14/12/17 13:00 | 5 | 66.8 | 64.8 | 62.8 | 66.8 | - | - |
| 14/12/17 14:00 | 5 | 65.0 | 61.3 | 62.9 | 65.0 | - | - |
| 14/12/17 15:00 | 4 | 62.8 | 54.4 | 62.3 | 62.8 | - | - |
| 14/12/17 16:00 | 3 | 62.8 | 56.3 | 61.9 | 62.8 | - | - |
| 14/12/17 17:00 | 10 | 70.6 | 70.2 | 61.4 | 70.6 | - | - |
| 14/12/17 18:00 | 9 | 66.3 | 64.6 | 61.7 | 66.3 | - | - |
| 14/12/17 19:00 | 9 | 72.7 | 71.8 | 66.6 | - | 72.7 | - |
| 14/12/17 20:00 | 5 | 72.1 | 71.0 | 65.0 | - | 72.1 | - |
| 14/12/17 21:00 | 2 | 65.1 | 58.9 | 64.0 | - | 65.1 | - |
| 14/12/17 22:00 | 6 | 73.0 | 72.6 | 63.2 | - | 73.0 | - |
| 14/12/17 23:00 | 3 | 79.2 | 78.9 | 67.1 | - | - | 79.2 |
| 15/12/17 0:00 | 1 | 77.0 | 76.6 | 67.3 | - | - | 77.0 |
| 15/12/17 1:00 | - | 64.3 | - | 65.3 | - | - | 64.3 |
| 15/12/17 2:00 | - | 63.3 | - | 64.0 | - | - | 63.3 |
| 15/12/17 3:00 | - | 63.8 | - | 63.9 | - | - | 63.8 |
| 15/12/17 4:00 | - | 66.1 | - | 66.5 | - | - | 66.1 |
| 15/12/17 5:00 | 1 | 69.2 | 54.0 | 70.6 | - | - | 69.2 |
| 15/12/17 6:00 | 12 | 78.2 | 77.4 | 77.0 | - | - | 78.2 |
| | 134 | 71.5 | 70.5 | 67.4 | 67.2 | 71.6 | 74.4 |

