

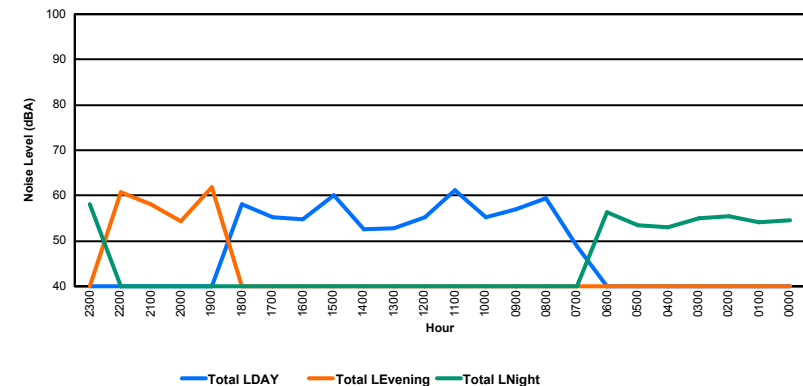
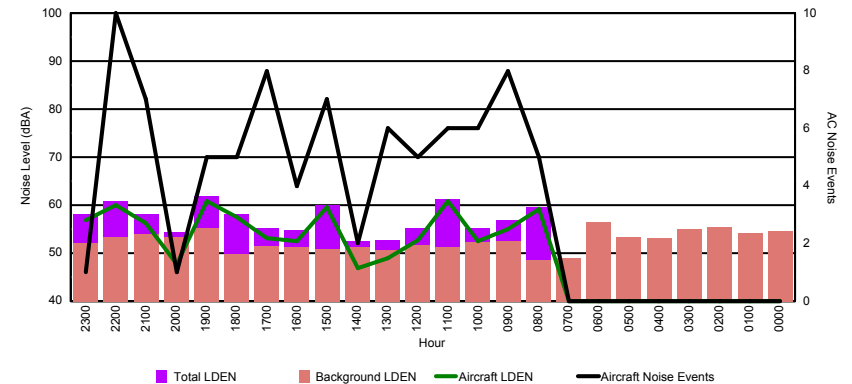


## Luxembourg Airport Noise Distribution by Hour

Between 30/03/2016 00:00:00 and 30/03/2016 23:59:59 (Local Time)

| Day            | Aircraft<br>Events | Total<br>LDEN dB<br>(A) | Aircraft<br>LDEN dB(A) | Background<br>LDEN dB(A) | Total LDay<br>dB(A) | Total<br>LEvening<br>dB(A) | Total<br>LNight dB<br>(A) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 30/03/16 0:00  | -                  | 54.6                    | -                      | 54.6                     | -                   | -                          | 54.6                      |
| 30/03/16 1:00  | -                  | 54.1                    | -                      | 54.1                     | -                   | -                          | 54.1                      |
| 30/03/16 2:00  | -                  | 55.5                    | -                      | 55.5                     | -                   | -                          | 55.5                      |
| 30/03/16 3:00  | -                  | 55.1                    | -                      | 55.1                     | -                   | -                          | 55.1                      |
| 30/03/16 4:00  | -                  | 53.1                    | -                      | 53.1                     | -                   | -                          | 53.1                      |
| 30/03/16 5:00  | -                  | 53.4                    | -                      | 53.4                     | -                   | -                          | 53.4                      |
| 30/03/16 6:00  | -                  | 56.4                    | -                      | 56.4                     | -                   | -                          | 56.4                      |
| 30/03/16 7:00  | -                  | 48.9                    | -                      | 48.9                     | 48.9                | -                          | -                         |
| 30/03/16 8:00  | 5                  | 59.5                    | 59.2                   | 48.5                     | 59.5                | -                          | -                         |
| 30/03/16 9:00  | 8                  | 56.9                    | 55.0                   | 52.5                     | 56.9                | -                          | -                         |
| 30/03/16 10:00 | 6                  | 55.3                    | 52.5                   | 52.3                     | 55.3                | -                          | -                         |
| 30/03/16 11:00 | 6                  | 61.2                    | 60.8                   | 51.2                     | 61.2                | -                          | -                         |
| 30/03/16 12:00 | 5                  | 55.2                    | 52.8                   | 51.6                     | 55.2                | -                          | -                         |
| 30/03/16 13:00 | 6                  | 52.8                    | 48.9                   | 50.7                     | 52.8                | -                          | -                         |
| 30/03/16 14:00 | 2                  | 52.6                    | 46.8                   | 51.3                     | 52.6                | -                          | -                         |
| 30/03/16 15:00 | 7                  | 60.0                    | 59.5                   | 50.9                     | 60.0                | -                          | -                         |
| 30/03/16 16:00 | 4                  | 54.8                    | 52.4                   | 51.3                     | 54.8                | -                          | -                         |
| 30/03/16 17:00 | 8                  | 55.2                    | 53.1                   | 51.4                     | 55.2                | -                          | -                         |
| 30/03/16 18:00 | 5                  | 58.1                    | 57.5                   | 49.7                     | 58.1                | -                          | -                         |
| 30/03/16 19:00 | 5                  | 61.9                    | 60.8                   | 55.3                     | -                   | 61.9                       | -                         |
| 30/03/16 20:00 | 1                  | 54.4                    | 47.8                   | 53.3                     | -                   | 54.4                       | -                         |
| 30/03/16 21:00 | 7                  | 58.1                    | 56.2                   | 53.9                     | -                   | 58.1                       | -                         |
| 30/03/16 22:00 | 10                 | 60.8                    | 60.1                   | 53.3                     | -                   | 60.8                       | -                         |
| 30/03/16 23:00 | 1                  | 58.1                    | 56.9                   | 52.1                     | -                   | -                          | 58.1                      |
|                | <b>86</b>          | <b>57.2</b>             | <b>56.9</b>            | <b>53.0</b>              | <b>57.1</b>         | <b>59.6</b>                | <b>55.3</b>               |

Location: Roodt/Syr NMT # 1



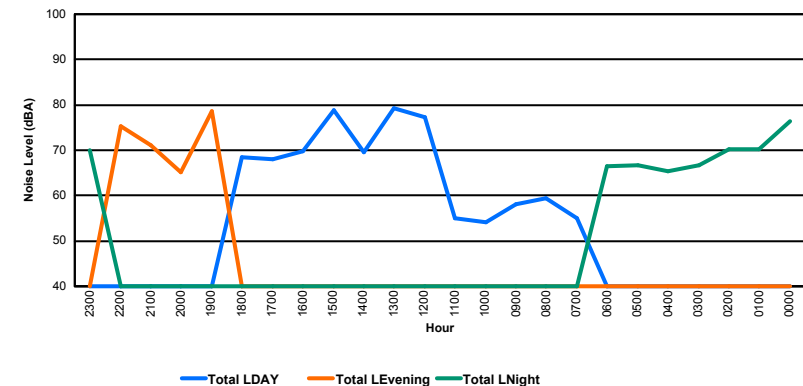
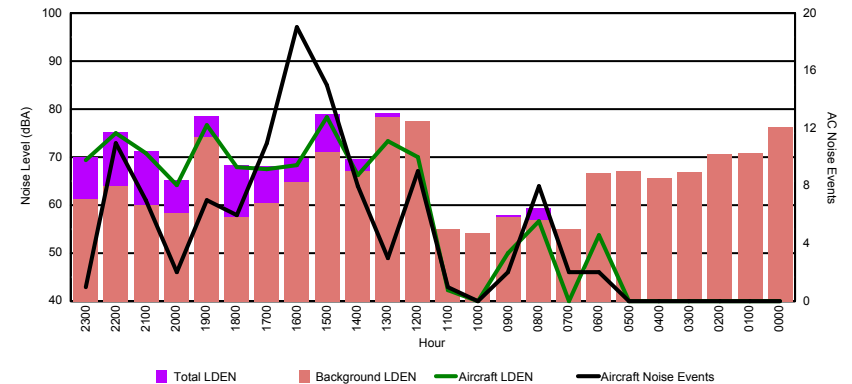


## Luxembourg Airport Noise Distribution by Hour

Between 30/03/2016 00:00:00 and 30/03/2016 23:59:59 (Local Time)

| Day            | Aircraft<br>Events | Total<br>LDEN dB<br>(A) | Aircraft<br>LDEN dB(A) | Background<br>LDEN dB(A) | Total LDay<br>dB(A) | Total<br>LEvening<br>dB(A) | Total<br>LNight dB<br>(A) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 30/03/16 0:00  | -                  | 76.3                    | -                      | 76.2                     | -                   | -                          | 76.3                      |
| 30/03/16 1:00  | -                  | 70.2                    | -                      | 70.8                     | -                   | -                          | 70.2                      |
| 30/03/16 2:00  | -                  | 70.2                    | -                      | 70.6                     | -                   | -                          | 70.2                      |
| 30/03/16 3:00  | -                  | 66.6                    | -                      | 66.9                     | -                   | -                          | 66.6                      |
| 30/03/16 4:00  | -                  | 65.3                    | -                      | 65.6                     | -                   | -                          | 65.3                      |
| 30/03/16 5:00  | -                  | 66.7                    | -                      | 67.1                     | -                   | -                          | 66.7                      |
| 30/03/16 6:00  | 2                  | 66.5                    | 53.8                   | 66.6                     | -                   | -                          | 66.5                      |
| 30/03/16 7:00  | 2                  | 54.9                    | 37.7                   | 55.0                     | 54.9                | -                          | -                         |
| 30/03/16 8:00  | 8                  | 59.4                    | 56.6                   | 56.8                     | 59.4                | -                          | -                         |
| 30/03/16 9:00  | 2                  | 58.0                    | 49.9                   | 57.4                     | 58.0                | -                          | -                         |
| 30/03/16 10:00 | -                  | 54.2                    | -                      | 54.2                     | 54.2                | -                          | -                         |
| 30/03/16 11:00 | 1                  | 55.0                    | 42.3                   | 54.9                     | 55.0                | -                          | -                         |
| 30/03/16 12:00 | 9                  | 77.2                    | 70.1                   | 77.4                     | 77.2                | -                          | -                         |
| 30/03/16 13:00 | 3                  | 79.2                    | 73.3                   | 78.4                     | 79.2                | -                          | -                         |
| 30/03/16 14:00 | 8                  | 69.6                    | 66.3                   | 67.1                     | 69.6                | -                          | -                         |
| 30/03/16 15:00 | 15                 | 78.9                    | 78.3                   | 71.0                     | 78.9                | -                          | -                         |
| 30/03/16 16:00 | 19                 | 69.8                    | 68.3                   | 64.7                     | 69.8                | -                          | -                         |
| 30/03/16 17:00 | 11                 | 68.1                    | 67.4                   | 60.5                     | 68.1                | -                          | -                         |
| 30/03/16 18:00 | 6                  | 68.4                    | 68.0                   | 57.5                     | 68.4                | -                          | -                         |
| 30/03/16 19:00 | 7                  | 78.5                    | 76.6                   | 74.1                     | -                   | 78.5                       | -                         |
| 30/03/16 20:00 | 2                  | 65.2                    | 64.2                   | 58.4                     | -                   | 65.2                       | -                         |
| 30/03/16 21:00 | 7                  | 71.2                    | 70.9                   | 60.1                     | -                   | 71.2                       | -                         |
| 30/03/16 22:00 | 11                 | 75.3                    | 75.0                   | 63.9                     | -                   | 75.3                       | -                         |
| 30/03/16 23:00 | 1                  | 70.0                    | 69.4                   | 61.3                     | -                   | -                          | 70.0                      |
|                | 114                | 72.8                    | 71.2                   | 70.4                     | 73.1                | 74.8                       | 70.5                      |

Location: DVOR NMT # 2



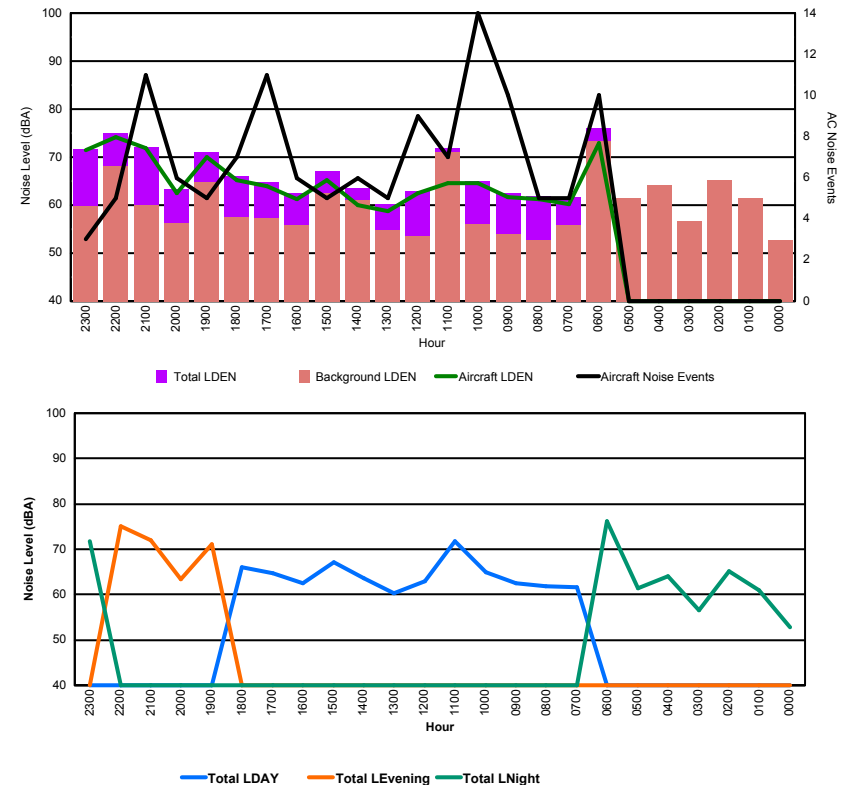


## Luxembourg Airport Noise Distribution by Hour

Between 30/03/2016 00:00:00 and 30/03/2016 23:59:59 (Local Time)

| Day            | Aircraft<br>Events | Total<br>LDEN dB<br>(A) | Aircraft<br>LDEN dB(A) | Background<br>LDEN dB(A) | Total LDay<br>dB(A) | Total<br>LEvening<br>dB(A) | Total<br>LNight dB<br>(A) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 30/03/16 0:00  | -                  | 52.8                    | -                      | 52.8                     | -                   | -                          | 52.8                      |
| 30/03/16 1:00  | -                  | 61.0                    | -                      | 61.4                     | -                   | -                          | 61.0                      |
| 30/03/16 2:00  | -                  | 65.1                    | -                      | 65.2                     | -                   | -                          | 65.1                      |
| 30/03/16 3:00  | -                  | 56.6                    | -                      | 56.6                     | -                   | -                          | 56.6                      |
| 30/03/16 4:00  | -                  | 64.0                    | -                      | 64.1                     | -                   | -                          | 64.0                      |
| 30/03/16 5:00  | -                  | 61.3                    | -                      | 61.4                     | -                   | -                          | 61.3                      |
| 30/03/16 6:00  | 10                 | 76.1                    | 72.9                   | 73.4                     | -                   | -                          | 76.1                      |
| 30/03/16 7:00  | 5                  | 61.6                    | 60.3                   | 55.9                     | 61.6                | -                          | -                         |
| 30/03/16 8:00  | 5                  | 61.8                    | 61.2                   | 52.7                     | 61.8                | -                          | -                         |
| 30/03/16 9:00  | 10                 | 62.4                    | 61.7                   | 53.9                     | 62.4                | -                          | -                         |
| 30/03/16 10:00 | 14                 | 65.0                    | 64.5                   | 56.1                     | 65.0                | -                          | -                         |
| 30/03/16 11:00 | 7                  | 71.8                    | 64.6                   | 71.0                     | 71.8                | -                          | -                         |
| 30/03/16 12:00 | 9                  | 63.0                    | 62.5                   | 53.5                     | 63.0                | -                          | -                         |
| 30/03/16 13:00 | 5                  | 60.2                    | 58.8                   | 54.8                     | 60.2                | -                          | -                         |
| 30/03/16 14:00 | 6                  | 63.6                    | 60.0                   | 61.1                     | 63.6                | -                          | -                         |
| 30/03/16 15:00 | 5                  | 67.1                    | 65.3                   | 62.5                     | 67.1                | -                          | -                         |
| 30/03/16 16:00 | 6                  | 62.5                    | 61.3                   | 55.9                     | 62.5                | -                          | -                         |
| 30/03/16 17:00 | 11                 | 64.7                    | 64.0                   | 57.2                     | 64.7                | -                          | -                         |
| 30/03/16 18:00 | 7                  | 66.0                    | 65.2                   | 57.5                     | 66.0                | -                          | -                         |
| 30/03/16 19:00 | 5                  | 71.0                    | 69.9                   | 64.8                     | -                   | 71.0                       | -                         |
| 30/03/16 20:00 | 6                  | 63.3                    | 62.4                   | 56.2                     | -                   | 63.3                       | -                         |
| 30/03/16 21:00 | 11                 | 72.1                    | 71.8                   | 60.0                     | -                   | 72.1                       | -                         |
| 30/03/16 22:00 | 5                  | 75.1                    | 74.1                   | 68.1                     | -                   | 75.1                       | -                         |
| 30/03/16 23:00 | 3                  | 71.7                    | 71.5                   | 59.7                     | -                   | -                          | 71.7                      |
|                | <b>130</b>         | <b>68.5</b>             | <b>67.8</b>            | <b>64.1</b>              | <b>65.5</b>         | <b>72.0</b>                | <b>69.1</b>               |

Location: Mid Runway NMT # 3

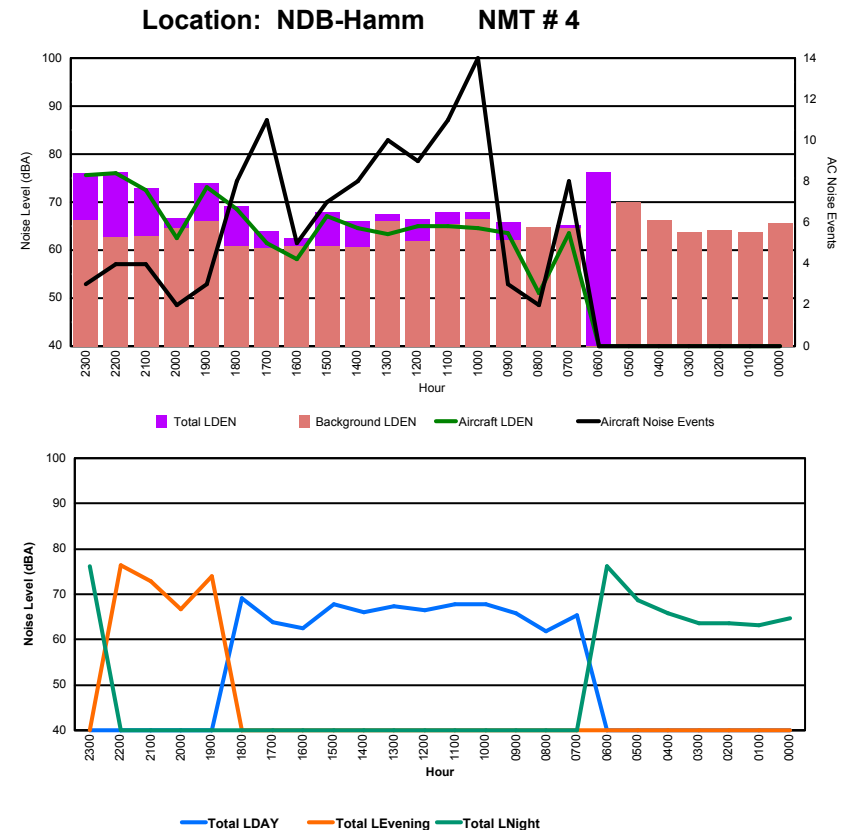




## Luxembourg Airport Noise Distribution by Hour

Between 30/03/2016 00:00:00 and 30/03/2016 23:59:59 (Local Time)

| Day            | Aircraft<br>Events | Total<br>LDEN dB<br>(A) | Aircraft<br>LDEN dB(A) | Background<br>LDEN dB(A) | Total LDay<br>dB(A) | Total<br>LEvening<br>dB(A) | Total<br>LNight dB<br>(A) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 30/03/16 0:00  | -                  | 64.7                    | -                      | 65.6                     | -                   | -                          | 64.7                      |
| 30/03/16 1:00  | -                  | 63.2                    | -                      | 63.8                     | -                   | -                          | 63.2                      |
| 30/03/16 2:00  | -                  | 63.5                    | -                      | 64.2                     | -                   | -                          | 63.5                      |
| 30/03/16 3:00  | -                  | 63.6                    | -                      | 63.8                     | -                   | -                          | 63.6                      |
| 30/03/16 4:00  | -                  | 65.8                    | -                      | 66.2                     | -                   | -                          | 65.8                      |
| 30/03/16 5:00  | -                  | 68.7                    | -                      | 70.0                     | -                   | -                          | 68.7                      |
| 30/03/16 6:00  | -                  | 76.2                    | -                      | -                        | -                   | -                          | 76.2                      |
| 30/03/16 7:00  | 8                  | 65.3                    | 63.6                   | 64.6                     | 65.3                | -                          | -                         |
| 30/03/16 8:00  | 2                  | 61.9                    | 51.0                   | 64.8                     | 61.9                | -                          | -                         |
| 30/03/16 9:00  | 3                  | 65.8                    | 63.5                   | 62.1                     | 65.8                | -                          | -                         |
| 30/03/16 10:00 | 14                 | 67.9                    | 64.5                   | 66.4                     | 67.9                | -                          | -                         |
| 30/03/16 11:00 | 11                 | 67.9                    | 65.1                   | 65.5                     | 67.9                | -                          | -                         |
| 30/03/16 12:00 | 9                  | 66.5                    | 65.0                   | 61.9                     | 66.5                | -                          | -                         |
| 30/03/16 13:00 | 10                 | 67.4                    | 63.4                   | 66.1                     | 67.4                | -                          | -                         |
| 30/03/16 14:00 | 8                  | 66.0                    | 64.5                   | 60.7                     | 66.0                | -                          | -                         |
| 30/03/16 15:00 | 7                  | 67.9                    | 67.0                   | 60.8                     | 67.9                | -                          | -                         |
| 30/03/16 16:00 | 5                  | 62.6                    | 58.2                   | 60.8                     | 62.6                | -                          | -                         |
| 30/03/16 17:00 | 11                 | 63.9                    | 61.5                   | 60.5                     | 63.9                | -                          | -                         |
| 30/03/16 18:00 | 8                  | 69.1                    | 68.5                   | 60.8                     | 69.1                | -                          | -                         |
| 30/03/16 19:00 | 3                  | 73.9                    | 73.2                   | 66.1                     | -                   | 73.9                       | -                         |
| 30/03/16 20:00 | 2                  | 66.6                    | 62.5                   | 64.6                     | -                   | 66.6                       | -                         |
| 30/03/16 21:00 | 4                  | 72.9                    | 72.5                   | 62.9                     | -                   | 72.9                       | -                         |
| 30/03/16 22:00 | 4                  | 76.3                    | 76.1                   | 62.7                     | -                   | 76.3                       | -                         |
| 30/03/16 23:00 | 3                  | 76.1                    | 75.7                   | 66.2                     | -                   | -                          | 76.1                      |
|                | <b>112</b>         | <b>70.1</b>             | <b>69.5</b>            | <b>64.7</b>              | <b>66.5</b>         | <b>73.6</b>                | <b>71.1</b>               |





## Luxembourg Airport Noise Distribution by Hour

Between 30/03/2016 00:00:00 and 30/03/2016 23:59:59 (Local Time)

| Day            | Aircraft<br>Events | Total<br>LDEN dB<br>(A) | Aircraft<br>LDEN dB(A) | Background<br>LDEN dB(A) | Total LDay<br>dB(A) | Total<br>LEvening<br>dB(A) | Total<br>LNight dB<br>(A) |
|----------------|--------------------|-------------------------|------------------------|--------------------------|---------------------|----------------------------|---------------------------|
| 30/03/16 0:00  | -                  | 67.0                    | -                      | 68.8                     | -                   | -                          | 67.0                      |
| 30/03/16 1:00  | -                  | 67.4                    | -                      | 69.0                     | -                   | -                          | 67.4                      |
| 30/03/16 2:00  | -                  | 64.7                    | -                      | 66.3                     | -                   | -                          | 64.7                      |
| 30/03/16 3:00  | -                  | 63.8                    | -                      | 63.8                     | -                   | -                          | 63.8                      |
| 30/03/16 4:00  | -                  | 66.8                    | -                      | 67.5                     | -                   | -                          | 66.8                      |
| 30/03/16 5:00  | -                  | 69.4                    | -                      | 71.2                     | -                   | -                          | 69.4                      |
| 30/03/16 6:00  | 12                 | 76.8                    | 72.7                   | 77.7                     | -                   | -                          | 76.8                      |
| 30/03/16 7:00  | 3                  | 63.5                    | 56.5                   | 66.5                     | 63.5                | -                          | -                         |
| 30/03/16 8:00  | -                  | 64.3                    | -                      | 66.9                     | 64.3                | -                          | -                         |
| 30/03/16 9:00  | 1                  | 65.6                    | 56.7                   | 66.3                     | 65.6                | -                          | -                         |
| 30/03/16 10:00 | 5                  | 67.2                    | 62.7                   | 67.0                     | 67.2                | -                          | -                         |
| 30/03/16 11:00 | 6                  | 64.2                    | 57.4                   | 63.9                     | 64.2                | -                          | -                         |
| 30/03/16 12:00 | 5                  | 63.3                    | 56.6                   | 62.6                     | 63.3                | -                          | -                         |
| 30/03/16 13:00 | 4                  | 64.1                    | 54.8                   | 64.3                     | 64.1                | -                          | -                         |
| 30/03/16 14:00 | 7                  | 64.0                    | 57.1                   | 63.6                     | 64.0                | -                          | -                         |
| 30/03/16 15:00 | 5                  | 65.2                    | 59.4                   | 64.3                     | 65.2                | -                          | -                         |
| 30/03/16 16:00 | 4                  | 63.5                    | 53.7                   | 63.6                     | 63.5                | -                          | -                         |
| 30/03/16 17:00 | 7                  | 63.0                    | 55.4                   | 62.6                     | 63.0                | -                          | -                         |
| 30/03/16 18:00 | 7                  | 64.9                    | 59.2                   | 63.9                     | 64.9                | -                          | -                         |
| 30/03/16 19:00 | 3                  | 68.9                    | 63.8                   | 67.6                     | -                   | 68.9                       | -                         |
| 30/03/16 20:00 | 1                  | 66.7                    | 56.3                   | 66.4                     | -                   | 66.7                       | -                         |
| 30/03/16 21:00 | 5                  | 67.1                    | 62.1                   | 65.7                     | -                   | 67.1                       | -                         |
| 30/03/16 22:00 | 4                  | 68.2                    | 66.8                   | 63.1                     | -                   | 68.2                       | -                         |
| 30/03/16 23:00 | 3                  | 70.2                    | 66.9                   | 67.6                     | -                   | -                          | 70.2                      |
|                | <b>82</b>          | <b>67.8</b>             | <b>63.7</b>            | <b>68.2</b>              | <b>64.6</b>         | <b>67.8</b>                | <b>70.4</b>               |

Location: Gare centrale NMT # 5

