

Aircraft Noise Report

Chicago O'Hare International Airport
 Period: July 2009
 Metric: Aircraft DNL



| RMT # | Community | Last 12 Months Monitored Noise Levels | | | | | | | | | | | Last Jul 08 | 12 Month Average vs 1997 ² | Modeled 1997 Values | Modeled 2000 Values | Modeled OMP Full Build Out Values | |
|-------|---------------------|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|---------------------------------------|---------------------|---------------------|-----------------------------------|---------------------|
| | | Aug 08 | Sep 08 | Oct 08 | Nov 08 | Dec 08 | Jan 09 | Feb 09 | Mar 09 | Apr 09 | May 09 | Jun 09 | | | | | | Jul ¹ 09 |
| 1 | Arlington Heights | 61.8 | 61.3 | 61.0 | 59.4 | 57.4 | 56.0 | 58.1 | 59.2 | 59.9 | 60.6 | 61.3 | 61.2 | 61.7 | 60.1 | 63.0 | 63.0 | 50.5 |
| 2 | Melrose Park | 55.3 | 58.7 | 58.3 | 58.6 | 56.4 | 53.9 | 55.3 | 56.4 | 57.6 | 57.7 | 56.5 | 56.8 | 55.0 | 57.0 | 63.4 | 61.0 | 50.3 |
| 3 | Bensenville | 61.3 | 57.8 | 60.2 | 61.3 | 62.0 | 58.9 | 59.2 | 58.9 | 57.5 | 57.2 | 55.6 | 54.1 | 60.5 | 59.2 | 71.3 | 67.3 | 64.9 |
| 4 | Schiller Park | 57.7 | 57.0 | 60.1 | 56.9 | 54.4 | 53.5 | 53.4 | 54.3 | 55.9 | 54.7 | 54.8 | 54.2 | 58.5 | 56.1 | 62.6 | 62.6 | 58.8 |
| 5 | Chicago | 59.0 | 59.7 | 58.8 | 58.7 | 58.4 | 57.0 | 57.5 | 57.7 | 57.6 | 60.0 | 59.2 | 59.9 | 60.4 | 58.7 | 60.8 | 59.8 | 61.9 |
| 6 | Chicago | 58.4 | 58.2 | 58.5 | 56.6 | 54.9 | 54.2 | 54.6 | 57.3 | 56.8 | 57.3 | 58.0 | 57.5 | 58.0 | 57.1 | 61.3 | 59.6 | 57.8 |
| 7 | Des Plaines | 58.3 | 56.5 | 55.0 | 51.0 | 54.2 | 52.0 | 53.5 | 54.0 | 55.1 | 54.5 | 53.3 | 54.3 | 57.9 | 54.7 | 65.4 | 62.0 | 48.5 |
| 8 | Des Plaines | 67.4 | 66.6 | 64.5 | 61.5 | 62.8 | 61.1 | 62.3 | 65.4 | 66.4 | 63.7 | 65.0 | 60.5 | 65.4 | 64.5 | 70.0 | 68.8 | 60.8 |
| 10 | Rolling Meadows | 59.5 | 60.1 | 60.0 | 58.9 | 56.6 | 54.4 | 57.9 | 58.2 | 58.2 | 59.9 | 59.9 | 58.9 | 59.0 | 58.8 | 59.0 | 60.8 | 48.9 |
| 11 | Chicago | 59.0 | 58.4 | 58.7 | 55.1 | 54.3 | 52.3 | 54.7 | 56.8 | 56.8 | 57.5 | 58.6 | 55.6 | 56.4 | 56.9 | 60.9 | 60.7 | 50.3 |
| 12 | Elk Grove Village | 58.1 | 61.4 | 60.3 | 61.7 | 59.6 | 58.2 | 59.6 | 58.8 | 58.5 | 59.7 | 58.3 | 60.1 | 61.6 | 59.7 | 66.7 | 62.1 | 57.6 |
| 13 | Elk Grove Village | 75.4 | 75.7 | 75.0 | 74.0 | 71.9 | 70.4 | 72.8 | 73.0 | 73.5 | 74.1 | 74.7 | 74.1 | 75.8 | 73.9 | 80.0 | 77.6 | 64.6 |
| 14 | Elk Grove Village | 63.1 | 62.8 | 62.0 | 61.3 | 58.6 | 57.7 | 60.1 | 59.8 | 61.6 | 60.1 | 61.4 | 61.1 | 63.3 | 61.1 | 67.6 | 65.7 | 54.5 |
| 15 | Franklin Park | 56.9 | 60.5 | 60.1 | 60.2 | 57.7 | 56.6 | 59.6 | 59.1 | 59.4 | 58.3 | 57.9 | 58.2 | 56.7 | 58.9 | 64.1 | 62.6 | 53.6 |
| 16 | Franklin Park | 68.6 | 68.2 | 66.8 | 67.4 | 65.8 | 63.5 | 65.0 | 65.1 | 64.8 | 65.2 | 64.1 | 65.1 | 69.2 | 66.1 | 72.2 | 72.1 | 63.4 |
| 17 | Harwood Heights | 64.8 | 65.3 | 64.9 | 66.0 | 65.1 | 64.4 | 65.9 | 65.4 | 63.7 | 62.1 | 62.9 | 65.7 | 66.1 | 64.8 | 66.4 | 65.4 | 57.9 |
| 19 | Stone Park | 58.6 | 58.5 | 56.8 | 56.7 | 55.1 | 54.0 | 55.3 | 54.6 | 53.6 | 54.6 | 52.5 | 56.5 | 60.6 | 56.0 | 64.7 | 61.7 | 51.6 |
| 20 | Mount Prospect | 60.7 | 61.1 | 61.6 | 59.8 | 58.3 | 57.0 | 58.9 | 59.6 | 60.9 | 59.9 | 61.1 | 60.1 | 60.6 | 60.1 | 63.5 | 62.4 | 49.1 |
| 21 | Mount Prospect | 56.4 | 55.3 | 55.8 | 53.5 | 53.1 | 52.7 | 52.9 | 54.7 | 55.8 | 55.4 | 56.9 | 57.7 | 55.3 | 55.3 | 59.6 | 58.6 | 53.6 |
| 22 | Norridge | 66.8 | 63.4 | 63.1 | 67.3 | 67.3 | 67.3 | 67.5 | 67.6 | 65.9 | 63.8 | 64.0 | 64.4 | 67.3 | 66.0 | 69.2 | 67.7 | 59.2 |
| 23 | Northlake | 62.3 | 65.7 | 63.7 | 60.9 | 59.7 | 58.6 | 61.2 | 61.0 | 60.0 | 59.8 | 58.6 | 64.9 | 64.5 | 62.0 | 73.5 | 69.1 | 59.6 |
| 24 | Park Ridge | 56.9 | 55.4 | 53.3 | 49.7 | 50.8 | 51.2 | 50.9 | 55.2 | 55.9 | 53.9 | 55.6 | 52.2 | 57.5 | 54.0 | 60.3 | 58.8 | 50.6 |
| 25 | Park Ridge | 62.6 | 59.1 | 57.8 | 56.2 | 53.5 | 53.1 | 54.7 | 57.7 | 57.4 | 56.9 | 59.3 | 56.2 | 60.6 | 57.8 | 69.1 | 61.8 | 66.7 |
| 26 | Park Ridge | 60.1 | 58.5 | 56.3 | 53.0 | 54.4 | 51.7 | 52.3 | 56.5 | 57.3 | 56.9 | 56.6 | 54.5 | 58.0 | 55.4 | 64.0 | 61.2 | 59.5 |
| 27 | Rosemont | 66.4 | 64.8 | 62.5 | 60.7 | 58.0 | 57.3 | 58.8 | 64.7 | 64.9 | 64.8 | 64.6 | 62.0 | 64.1 | 63.3 | 73.0 | 67.6 | 70.2 |
| 28 | Schiller Park | 75.9 | 76.4 | 73.6 | 72.7 | 71.1 | 70.2 | 70.7 | 68.5 | 69.4 | 67.7 | 65.8 | 71.1 | 78.3 | 72.2 | 79.6 | 78.7 | 67.9 |
| 29 | Wood Dale | 65.1 | 62.7 | 63.1 | 62.0 | 61.3 | 59.5 | 61.4 | 63.5 | 64.4 | 62.1 | 64.9 | 62.8 | 62.5 | 62.4 | n/a | n/a | 65.1 |
| 30 | Wood Dale | 55.1 | 58.4 | 55.7 | 54.2 | 54.5 | 53.3 | 52.8 | 53.0 | 49.8 | 54.7 | 52.5 | 53.9 | 53.6 | 54.5 | n/a | n/a | 58.5 |
| 32 | Wood Dale | 56.9 | 56.8 | 55.8 | 55.6 | 55.4 | 53.3 | 53.5 | 53.7 | 54.7 | 52.9 | 55.8 | 55.4 | 58.4 | 55.2 | 71.2 | 66.4 | 63.8 |
| 33 | Park Ridge | 62.3 | 58.8 | 58.3 | 56.8 | 59.8 | 58.4 | 59.1 | 59.7 | 60.3 | 60.4 | 60.1 | 59.5 | 57.2 | 59.7 | n/a | n/a | 61.9 |
| 34 | Elk Grove Village | 57.1 | 57.3 | 57.7 | 58.3 | 58.0 | 55.8 | 57.1 | 56.3 | 55.8 | 56.6 | 55.6 | 58.3 | 58.2 | 57.1 | 66.3 | 61.2 | 61.4 |
| 35 | Unincorporated Cook | 62.6 | 60.1 | 58.9 | 58.4 | 55.4 | 54.7 | 57.0 | 56.4 | 55.1 | 55.0 | 54.7 | 54.1 | 66.5 | 57.7 | 70.8 | 65.4 | 54.7 |
| 37 | Mount Prospect | 55.4 | 54.6 | 56.5 | 53.6 | 51.4 | 50.2 | 52.0 | 53.3 | 53.4 | 54.2 | 54.6 | 54.9 | 54.4 | 54.0 | 55.1 | 57.0 | 50.5 |

--No data due to monitor malfunction.

n/a- Not Applicable

1. **Red** represents an increase of 1 dB or more from the same month of the previous year (4 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (17 monitors).

2. **Red** represents an increase of 1 dB or more from the modeled 1997 noise contour level (0 monitors). **Green** represents a decrease of 1dB or more from the modeled 1997 noise contour level (29 monitors).