

Aircraft Noise Report

Chicago O'Hare International Airport

Period: May 2012

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last May 11	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values	
		Jun 11	Jul 11	Aug 11	Sep 11	Oct 11	Nov 11	Dec 11	Jan 12	Feb 12	Mar 12	Apr 12						May ¹ 12
1	Arlington Heights	64.0	60.9	60.7	59.6	58.1	58.2	57.0	55.9	56.9	58.9	59.7	58.5	62.3	59.6	63.0	63.0	50.5
2	Melrose Park	54.1	54.4	54.2	53.4	54.1	54.5	53.3	53.1	53.8	54.5	54.3	54.9	54.5	54.1	63.4	61.0	50.3
3	Bensenville	59.7	60.1	59.5	60.0	60.8	61.5	60.9	60.8	59.5	62.1	59.4	60.2	61.0	60.4	71.3	67.3	64.9
4	Schiller Park	53.6	54.1	55.7	54.6	55.1	56.0	54.5	54.7	55.2	57.1	55.1	57.5	54.1	55.4	62.6	62.6	58.8
5	Chicago	59.5	58.4	59.0	59.1	57.8	56.0	57.7	57.5	56.9	56.9	57.6	58.3	57.7	58.0	60.8	59.8	61.9
7	Des Plaines	53.4	54.8	58.0	57.1	58.5	56.8	52.6	50.0	49.3	51.3	53.0	53.1	53.5	55.0	65.4	62.0	48.5
8	Des Plaines	62.4	61.7	61.6	61.6	61.1	63.2	58.7	57.3	59.3	61.7	64.3	63.2	64.0	61.7	70.0	68.8	60.8
10	Rolling Meadows	59.1	57.4	58.0	58.0	58.0	58.7	56.5	56.0	56.4	59.4	58.2	58.1	58.7	57.9	59.0	60.8	48.9
11	Chicago	57.8	57.6	56.1	57.0	53.8	58.5	56.7	57.5	57.0	60.5	61.1	59.4	58.8	58.1	60.9	60.7	50.3
12	Elk Grove Village	57.6	58.4	58.9	58.1	59.4	57.7	60.6	59.3	58.3	57.6	55.8	57.0	55.8	58.4	66.7	62.1	57.6
13	Elk Grove Village	74.0	72.5	71.5	71.0	72.6	72.5	72.1	71.1	71.4	73.1	72.4	72.6	73.4	72.3	80.0	77.6	64.6
14	Elk Grove Village	59.3	61.9	62.3	61.2	60.0	59.5	59.1	58.2	58.8	59.2	60.5	59.5	62.2	60.1	67.6	65.7	54.5
15	Franklin Park	56.3	55.4	57.4	54.7	55.6	56.8	55.4	55.8	56.5	57.7	55.9	55.7	56.0	56.2	64.1	62.6	53.6
16	Franklin Park	64.7	64.0	65.3	65.0	66.2	66.0	64.0	63.7	64.3	64.8	64.7	64.9	64.4	64.9	72.2	72.1	63.4
17	Harwood Heights	65.8	66.7	66.5	66.6	67.3	65.3	66.8	66.3	66.1	65.3	64.4	65.2	64.8	66.1	66.4	65.4	57.9
19	Stone Park	53.8	54.0	55.4	53.6	54.7	54.0	53.9	54.8	58.0	54.8	53.8	53.0	52.5	54.7	64.7	61.7	51.6
20	Mount Prospect	60.4	59.4	62.0	60.0	58.4	57.7	57.5	56.0	56.0	57.8	58.3	58.2	60.9	58.8	63.5	62.4	49.1
21	Mount Prospect	56.5	56.3	55.8	54.8	54.4	53.1	53.4	50.9	51.9	53.2	55.2	54.6	55.6	54.5	59.6	58.6	53.6
22	Norridge	67.6	67.4	67.6	67.3	68.5	66.3	68.3	67.8	67.4	66.7	65.8	66.6	66.4	67.3	69.2	67.7	59.2
23	Northlake	63.3	63.0	64.6	63.9	65.4	64.3	64.8	64.2	65.2	65.1	63.3	64.4	62.5	64.4	73.5	69.1	59.6
24	Park Ridge	55.3	57.7	56.8	54.2	51.9	53.6	49.5	48.9	49.8	54.0	54.2	53.4	55.1	54.1	60.3	58.8	50.6
25	Park Ridge	57.4	59.1	59.6	60.9	60.8	64.0	63.0	62.6	64.1	64.7	62.3	58.5	57.5	62.0	69.1	61.8	66.7
26	Park Ridge	59.2	59.9	58.7	57.2	55.3	56.4	54.1	52.7	54.3	57.1	58.8	57.5	59.9	57.3	64.0	61.2	59.5
27	Rosemont	65.6	63.4	64.2	63.7	63.1	63.9	62.9	61.8	62.3	63.3	64.7	64.1	64.9	63.7	73.0	67.6	70.2
28	Schiller Park	76.8	77.2	77.3	76.9	78.5	76.0	78.1	77.9	77.5	76.5	74.9	75.6	75.5	77.1	79.6	78.7	67.9
29	Wood Dale	67.9	67.6	67.1	66.6	64.7	65.8	62.6	61.0	63.5	66.1	67.5	66.9	68.8	66.0	n/a	n/a	65.1
30	Wood Dale	53.6	53.2	54.5	54.2	56.1	55.4	54.9	54.7	54.0	56.6	53.2	54.4	54.4	54.7	n/a	n/a	58.5
32	Wood Dale	60.7	60.9	61.8	61.5	63.3	62.3	63.4	62.3	61.4	62.5	60.4	60.4	60.6	61.9	71.2	66.4	63.8
33	Park Ridge	55.6	57.6	59.8	59.8	59.4	58.8	59.5	58.7	59.1	58.4	60.2	59.3	54.4	59.0	n/a	n/a	61.9
34	Elk Grove Village	58.3	59.7	60.7	58.4	60.2	58.6	60.3	59.7	58.5	57.6	56.3	57.7	55.8	59.0	66.3	61.2	61.4
35	Unincorporated Cook	54.2	56.4	59.8	56.9	60.4	--	60.3	60.2	60.1	60.6	58.8	59.1	52.8	59.2	70.8	65.4	54.7
37	Mount Prospect	55.0	55.0	55.3	53.1	53.7	54.0	52.1	51.0	52.5	53.7	54.5	54.1	55.5	53.8	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 (7 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (8 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 (28 monitors).