

Aircraft Noise Report

Chicago O'Hare International Airport

Period: April 2013

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Apr 12	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values	
		May 12	Jun 12	Jul 12	Aug 12	Sep 12	Oct 12	Nov 12	Dec 12	Jan 13	Feb 13	Mar 13						Apr ¹ 13
1	Arlington Heights	58.5	58.9	59.4	60.1	59.1	58.2	58.1	57.0	55.4	56.1	57.2	58.0	59.7	58.2	63.0	63.0	50.5
2	Melrose Park	54.9	54.6	53.0	56.1	51.4	54.5	54.4	50.1	50.8	51.2	51.1	54.7	54.3	53.5	63.4	61.0	50.3
3	Bensenville	60.2	60.7	58.4	59.4	59.1	60.7	59.3	57.3	58.6	58.8	59.5	59.8	59.4	59.4	71.3	67.3	64.9
4	Schiller Park	57.5	58.2	58.6	58.6	56.8	57.2	58.4	54.6	56.0	57.5	55.6	58.7	55.1	57.5	62.6	62.6	58.8
5	Chicago	58.3	58.5	58.6	58.3	58.6	57.6	58.5	56.4	57.5	56.9	58.5	57.2	57.6	58.0	60.8	59.8	61.9
7	Des Plaines	53.1	49.8	52.5	54.8	52.4	52.5	52.5	50.5	52.6	54.0	53.6	54.5	53.0	53.0	65.4	62.0	48.5
8	Des Plaines	63.2	61.2	62.7	61.4	61.2	59.9	57.9	58.6	59.4	60.8	62.6	62.4	64.3	61.2	70.0	68.8	60.8
10	Rolling Meadows	58.1	58.7	57.3	58.9	57.3	57.9	58.6	55.0	55.6	54.5	56.4	62.1	58.2	58.0	59.0	60.8	48.9
11	Chicago	59.4	58.1	57.8	57.6	56.1	59.4	57.0	--	60.1	60.1	59.2	63.9	61.1	59.5	60.9	60.7	50.3
12	Elk Grove Village	57.0	57.2	57.8	57.8	57.6	60.0	58.8	58.2	58.2	59.3	58.7	60.9	55.8	58.6	66.7	62.1	57.6
13	Elk Grove Village	72.6	72.8	72.8	73.7	72.8	72.4	72.5	71.3	71.1	70.8	71.7	72.1	72.4	72.3	80.0	77.6	64.6
14	Elk Grove Village	59.5	59.7	60.7	61.4	61.9	61.0	59.9	61.2	57.4	59.6	60.4	59.8	60.5	60.3	67.6	65.7	54.5
15	Franklin Park	55.7	56.1	54.6	56.1	53.7	55.7	57.2	51.8	53.8	57.8	52.1	58.8	55.9	55.7	64.1	62.6	53.6
16	Franklin Park	64.9	65.0	63.8	65.1	65.1	66.9	67.6	--	63.8	63.9	63.5	65.3	64.7	65.2	72.2	72.1	63.4
17	Harwood Heights	65.2	65.3	65.8	65.3	65.9	65.8	62.4	63.2	63.4	63.1	63.2	--	64.4	64.6	66.4	65.4	57.9
19	Stone Park	53.0	57.3	56.2	55.0	52.7	55.6	55.2	51.2	54.1	53.3	51.6	56.6	53.8	54.7	64.7	61.7	51.6
20	Mount Prospect	58.2	58.1	59.6	59.8	59.2	59.8	58.6	57.9	57.2	56.0	55.7	57.5	58.3	58.3	63.5	62.4	49.1
21	Mount Prospect	54.6	52.7	55.2	54.4	54.1	52.9	52.3	52.9	51.5	52.0	54.4	53.4	55.2	53.5	59.6	58.6	53.6
22	Norridge	66.6	66.6	66.3	65.5	66.1	67.5	66.1	66.5	66.9	66.9	66.5	66.0	65.8	66.5	69.2	67.7	59.2
23	Northlake	64.4	64.1	63.2	64.4	63.2	64.5	66.1	64.3	64.3	64.7	64.8	65.5	63.3	64.5	73.5	69.1	59.6
24	Park Ridge	53.4	51.0	55.2	55.8	51.7	51.3	49.9	49.5	47.7	51.5	52.1	54.9	54.2	52.6	60.3	58.8	50.6
25	Park Ridge	58.5	55.4	56.3	56.7	56.3	56.8	54.8	55.5	54.8	55.5	55.2	56.6	62.3	56.2	69.1	61.8	66.7
26	Park Ridge	57.5	55.6	58.9	56.9	56.0	55.2	53.5	53.6	51.9	55.1	56.0	60.1	58.8	56.4	64.0	61.2	59.5
27	Rosemont	64.1	63.4	62.8	63.4	63.6	63.7	62.1	61.8	61.6	62.5	63.3	64.1	64.7	63.1	73.0	67.6	70.2
28	Schiller Park	75.6	76.4	76.2	75.3	76.2	77.2	76.2	76.3	77.5	77.1	76.7	75.7	74.9	76.4	79.6	78.7	67.9
29	Wood Dale	66.9	65.5	66.0	65.7	65.2	64.3	63.3	64.5	59.9	62.6	64.6	66.1	67.5	64.9	n/a	n/a	65.1
30	Wood Dale	54.4	54.7	51.9	53.1	53.6	55.1	54.5	52.8	54.1	54.5	53.6	56.2	53.2	54.2	n/a	n/a	58.5
32	Wood Dale	60.4	62.6	60.1	61.5	60.3	62.6	62.1	60.6	61.1	61.8	61.6	61.5	60.4	61.4	71.2	66.4	63.8
33	Park Ridge	59.3	57.6	60.4	59.7	60.7	60.7	59.5	58.8	60.1	59.7	60.1	61.3	60.2	59.9	n/a	n/a	61.9
34	Elk Grove Village	57.7	58.7	59.6	58.5	58.9	59.4	58.7	59.2	59.0	59.4	60.4	59.6	56.3	59.1	66.3	61.2	61.4
35	Unincorporated Cook	59.1	59.0	58.3	59.7	57.9	59.9	60.6	58.2	60.1	60.6	58.9	60.8	58.8	59.5	70.8	65.4	54.7
37	Mount Prospect	54.1	53.7	54.8	54.2	53.9	53.8	53.5	53.5	53.9	55.9	54.7	62.2	54.5	55.8	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 (15 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (5 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).