

Aircraft Noise Report

Chicago O'Hare International Airport

Period: December 2013

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Dec 12	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values	
		Jan 13	Feb 13	Mar 13	Apr 13	May 13	Jun 13	Jul 13	Aug 13	Sep 13	Oct 13	Nov 13						Dec ¹ 13
1	Arlington Heights	55.4	56.1	57.2	58.0	58.9	59.0	59.9	59.1	60.7	58.1	56.5	53.0	57.0	58.1	63.0	63.0	50.5
2	Melrose Park	50.8	51.2	51.1	54.7	54.9	54.8	54.2	53.7	55.3	54.3	52.6	54.8	50.1	53.8	63.4	61.0	50.3
3	Bensenville	58.6	58.8	59.5	59.8	61.8	60.5	59.0	57.2	59.0	63.5	65.9	64.1	57.3	61.5	71.3	67.3	64.9
4	Schiller Park	56.0	57.5	55.6	58.7	56.9	55.1	55.5	53.4	54.5	--	--	56.1	54.6	56.2	62.6	62.6	58.8
5	Chicago	57.5	56.9	58.5	57.2	56.4	58.0	58.9	57.4	57.5	57.1	58.8	58.8	56.4	57.8	60.8	59.8	61.9
7	Des Plaines	52.6	54.0	53.6	54.5	55.0	53.2	60.8	54.9	54.7	52.5	54.5	51.2	50.5	55.1	65.4	62.0	48.5
8	Des Plaines	59.4	60.8	62.6	62.4	64.0	63.5	62.0	61.8	62.0	59.4	56.1	57.3	58.6	61.5	70.0	68.8	60.8
10	Rolling Meadows	55.6	54.5	56.4	62.1	66.2	--	59.8	57.2	59.1	57.1	54.9	48.7	55.0	59.6	59.0	60.8	48.9
11	Chicago	60.1	60.1	59.2	63.9	60.6	58.3	56.5	55.9	56.2	55.7	59.8	55.4	--	59.2	60.9	60.7	50.3
12	Elk Grove Village	58.2	59.3	58.7	60.9	57.9	57.7	58.4	57.8	57.3	58.1	59.8	58.7	58.2	58.7	66.7	62.1	57.6
13	Elk Grove Village	71.1	70.8	71.7	72.1	71.7	69.6	74.1	73.3	73.6	71.3	70.4	67.7	71.3	71.8	80.0	77.6	64.6
14	Elk Grove Village	57.4	59.6	60.4	59.8	59.8	61.1	60.4	60.6	61.0	59.6	59.1	57.3	61.2	59.8	67.6	65.7	54.5
15	Franklin Park	53.8	57.8	52.1	58.8	56.6	55.8	55.1	53.6	55.2	54.1	54.1	52.5	51.8	55.4	64.1	62.6	53.6
16	Franklin Park	63.8	63.9	63.5	65.3	65.9	65.3	65.4	64.3	64.8	64.3	62.6	60.9	--	64.4	72.2	72.1	63.4
17	Harwood Heights	63.4	63.1	63.2	--	--	64.3	66.1	67.0	62.7	63.3	61.3	60.3	63.2	63.9	66.4	65.4	57.9
19	Stone Park	54.1	53.3	51.6	56.6	55.2	54.6	54.4	55.2	54.2	55.4	53.6	52.4	51.2	54.4	64.7	61.7	51.6
20	Mount Prospect	57.2	56.0	55.7	57.5	60.3	60.1	60.1	60.8	61.3	64.1	61.6	56.9	57.9	60.0	63.5	62.4	49.1
21	Mount Prospect	51.5	52.0	54.4	53.4	55.2	54.5	55.3	54.8	53.9	48.9	48.7	46.6	52.9	53.2	59.6	58.6	53.6
22	Norridge	66.9	66.9	66.5	66.0	64.9	66.6	66.5	66.9	65.5	66.6	65.2	65.1	66.5	66.2	69.2	67.7	59.2
23	Northlake	64.3	64.7	64.8	65.5	63.8	65.1	64.6	64.7	65.3	64.0	60.7	60.7	64.3	64.2	73.5	69.1	59.6
24	Park Ridge	47.7	51.5	52.1	54.9	55.8	53.6	55.4	54.2	54.7	52.2	51.3	51.5	49.5	53.4	60.3	58.8	50.6
25	Park Ridge	54.8	55.5	55.2	56.6	57.5	58.4	59.1	58.4	58.5	58.0	58.7	59.4	55.5	57.7	69.1	61.8	66.7
26	Park Ridge	51.9	55.1	56.0	60.1	58.9	57.6	58.9	60.5	57.6	55.1	55.3	54.6	53.6	57.4	64.0	61.2	59.5
27	Rosemont	61.6	62.5	63.3	64.1	64.6	64.0	62.9	63.6	63.3	63.1	63.1	63.3	61.8	63.4	73.0	67.6	70.2
28	Schiller Park	77.5	77.1	76.7	75.7	73.7	74.8	75.0	75.8	74.5	76.1	75.6	75.8	76.3	75.8	79.6	78.7	67.9
29	Wood Dale	59.9	62.6	64.6	66.1	67.6	67.0	64.7	65.8	66.1	64.1	62.6	64.0	64.5	65.0	n/a	n/a	65.1
30	Wood Dale	54.1	54.5	53.6	56.2	56.9	54.7	54.1	52.2	52.9	57.4	59.8	56.9	52.8	55.8	n/a	n/a	58.5
32	Wood Dale	61.1	61.8	61.6	61.5	59.9	60.9	62.3	59.5	61.0	63.2	65.3	63.8	60.6	62.1	71.2	66.4	63.8
33	Park Ridge	60.1	59.7	60.1	61.3	59.4	59.9	60.9	60.9	60.1	61.2	62.1	60.2	58.8	60.6	n/a	n/a	61.9
34	Elk Grove Village	59.0	59.4	60.4	59.6	55.9	62.2	--	55.4	56.8	57.2	58.4	56.7	59.2	58.8	66.3	61.2	61.4
35	Unincorporated Cook	60.1	60.6	58.9	60.8	59.0	59.5	59.3	59.1	59.8	59.9	57.9	55.6	58.2	59.4	70.8	65.4	54.7
37	Mount Prospect	53.9	55.9	54.7	62.2	55.1	54.5	56.0	54.7	55.8	54.7	56.6	53.9	53.5	56.4	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 (12 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (12 monitors).

2. **Red** represents an increase of 1 dB or more from the modeled 1997 noise contour level (1 monitor). **Green** represents a decrease of 1dB or more from the modeled 1997 noise contour level (27 monitors).