

Aircraft Noise Report

Chicago O'Hare International Airport

Period: December 2010

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Dec 09	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values	
		Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10	Aug 10	Sep 10	Oct 10	Nov 10						Dec ¹ 10
1	Arlington Heights	54.5	56.7	58.7	59.3	58.0	59.0	59.4	60.8	58.5	57.3	57.0	56.4	56.9	58.3	63.0	63.0	50.5
2	Melrose Park	53.0	53.8	54.4	56.0	53.6	54.4	54.8	55.8	53.5	54.5	55.3	52.6	56.9	54.4	63.4	61.0	50.3
3	Bensenville	56.4	58.7	58.7	57.3	59.4	60.0	59.8	59.8	59.9	61.8	61.5	60.8	59.3	60.1	71.3	67.3	64.9
4	Schiller Park	51.0	53.7	52.9	55.6	54.8	56.8	55.9	57.5	56.2	54.5	55.1	54.4	54.6	55.2	62.6	62.6	58.8
5	Chicago	58.3	57.8	57.0	58.2	59.1	60.8	60.1	59.1	59.7	58.9	58.6	57.6	58.7	58.9	60.8	59.8	61.9
6	Chicago	54.2	54.3	57.8	56.7	60.0	59.9	62.5	59.4	58.5	58.7	58.3	56.3	55.8	58.6	61.3	59.6	57.8
7	Des Plaines	52.5	53.9	52.6	52.7	54.5	53.1	56.0	57.2	53.7	53.4	51.5	53.2	54.1	54.0	65.4	62.0	48.5
8	Des Plaines	59.9	60.7	63.3	63.4	63.4	61.5	61.0	61.2	61.2	62.3	59.9	59.4	61.2	61.7	70.0	68.8	60.8
10	Rolling Meadows	52.0	55.0	55.7	58.6	56.4	57.4	59.3	--	57.5	55.4	57.4	56.3	55.9	56.8	59.0	60.8	48.9
11	Chicago	52.2	53.7	57.6	57.3	56.7	56.4	56.6	56.5	56.4	55.9	55.5	53.3	55.5	56.0	60.9	60.7	50.3
12	Elk Grove Village	57.1	58.3	55.6	56.9	58.0	59.5	61.9	58.5	68.1	57.3	56.2	56.3	59.1	60.6	66.7	62.1	57.6
13	Elk Grove Village	68.6	69.3	64.5	63.7	72.6	74.3	78.9	74.5	73.4	70.8	71.1	71.4	72.3	72.9	80.0	77.6	64.6
14	Elk Grove Village	57.3	61.0	59.7	60.7	58.4	58.6	60.3	61.5	59.3	58.3	57.7	58.7	58.0	59.5	67.6	65.7	54.5
15	Franklin Park	54.4	54.1	54.9	58.5	53.4	55.1	56.0	57.4	56.1	55.3	57.2	54.9	58.4	55.9	64.1	62.6	53.6
16	Franklin Park	63.2	63.6	64.0	65.6	65.3	65.3	64.4	66.7	65.7	66.2	65.8	64.1	64.5	65.1	72.2	72.1	63.4
17	Harwood Heights	65.4	65.8	63.6	62.7	67.2	66.4	74.9	65.8	66.0	66.3	65.5	65.7	65.1	67.8	66.4	65.4	57.9
19	Stone Park	54.0	54.5	49.9	53.0	53.0	55.9	52.8	54.8	53.4	54.0	54.5	54.7	56.2	53.9	64.7	61.7	51.6
20	Mount Prospect	64.4	57.6	60.5	59.5	58.6	60.9	59.2	58.9	59.6	58.1	59.7	58.1	63.2	60.0	63.5	62.4	49.1
21	Mount Prospect	53.5	53.2	54.2	54.8	55.3	55.3	55.4	55.0	54.6	54.1	52.8	51.4	54.5	54.3	59.6	58.6	53.6
22	Norridge	63.6	63.1	59.9	59.3	63.4	68.0	67.2	67.2	67.7	68.3	67.2	67.0	--	66.0	69.2	67.7	59.2
23	Northlake	63.6	65.3	63.1	64.0	63.8	64.7	64.9	64.7	63.7	64.7	65.1	64.2	64.4	64.4	73.5	69.1	59.6
24	Park Ridge	49.4	51.5	54.5	55.5	55.5	54.3	58.4	58.1	52.9	53.8	53.2	50.1	52.6	54.7	60.3	58.8	50.6
25	Park Ridge	55.3	53.3	60.0	57.5	58.5	57.9	57.5	59.8	57.2	58.7	57.2	54.4	57.5	57.7	69.1	61.8	66.7
26	Park Ridge	54.0	54.5	58.9	59.4	59.6	57.9	58.7	60.0	57.4	58.4	56.3	53.7	55.6	57.9	64.0	61.2	59.5
27	Rosemont	62.6	62.3	66.5	65.7	65.0	64.3	63.5	64.9	64.0	64.0	64.3	61.7	63.7	64.3	73.0	67.6	70.2
28	Schiller Park	77.0	76.8	75.0	73.3	76.9	77.7	76.7	77.1	77.4	78.2	77.2	77.7	76.8	76.9	79.6	78.7	67.9
29	Wood Dale	61.6	63.9	68.6	65.3	68.4	68.0	66.6	65.5	66.7	66.3	65.2	63.3	64.9	66.2	n/a	n/a	65.1
30	Wood Dale	50.3	52.0	51.5	53.1	52.1	54.1	54.9	53.8	53.0	54.5	54.9	54.7	54.5	53.5	n/a	n/a	58.5
32	Wood Dale	59.2	61.2	60.8	59.1	60.5	62.4	61.7	61.9	62.7	64.3	63.2	63.4	61.1	62.0	71.2	66.4	63.8
33	Park Ridge	58.2	56.3	55.6	57.8	57.0	56.5	55.6	55.9	55.2	54.6	53.6	52.6	58.6	56.0	n/a	n/a	61.9
34	Elk Grove Village	55.2	57.0	57.2	55.4	56.6	56.9	57.2	54.6	54.2	55.7	53.5	55.1	56.3	55.9	66.3	61.2	61.4
35	Unincorporated Cook	52.0	53.1	51.1	53.4	54.4	54.3	55.2	57.0	54.0	54.8	56.9	54.6	54.5	54.5	70.8	65.4	54.7
37	Mount Prospect	52.1	51.9	53.3	53.6	54.1	53.6	54.2	53.8	53.7	55.5	54.3	51.4	53.6	53.6	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 (2 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 (1 monitor). Green represents a decrease of 1dB or more from the modeled 1997 noise contour level (29 monitors).