

Aircraft Noise Report

Chicago O'Hare International Airport

Period: January 2011

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Jan 10	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Full Build Out Values	
		Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10	Aug 10	Sep 10	Oct 10	Nov 10	Dec 10						Jan ¹ 11
1	Arlington Heights	56.7	58.7	59.3	58.0	59.0	59.4	60.8	58.5	57.3	57.0	56.4	56.1	54.5	58.3	63.0	63.0	50.5
2	Melrose Park	53.8	54.4	56.0	53.6	54.4	54.8	55.8	53.5	54.5	55.3	52.6	51.9	53.0	54.4	63.4	61.0	50.3
3	Bensenville	58.7	58.7	57.3	59.4	60.0	59.8	59.8	59.9	61.8	61.5	60.8	59.1	56.4	60.3	71.3	67.3	64.9
4	Schiller Park	53.7	52.9	55.6	54.8	56.8	55.9	57.5	56.2	54.5	55.1	54.4	51.8	51.0	55.2	62.6	62.6	58.8
5	Chicago	57.8	57.0	58.2	59.1	60.8	60.1	59.1	59.7	58.9	58.6	57.6	58.8	58.3	58.9	60.8	59.8	61.9
6	Chicago	54.3	57.8	56.7	60.0	59.9	62.5	59.4	58.5	58.7	58.3	56.3	55.9	54.2	58.7	61.3	59.6	57.8
7	Des Plaines	53.9	52.6	52.7	54.5	53.1	56.0	57.2	53.7	53.4	51.5	53.2	52.2	52.5	54.0	65.4	62.0	48.5
8	Des Plaines	60.7	63.3	63.4	63.4	61.5	61.0	61.2	61.2	62.3	59.9	59.4	56.9	59.9	61.5	70.0	68.8	60.8
10	Rolling Meadows	55.0	55.7	58.6	56.4	57.4	59.3	--	57.5	55.4	57.4	56.3	54.3	52.0	56.9	59.0	60.8	48.9
11	Chicago	53.7	57.6	57.3	56.7	56.4	56.6	56.5	56.4	55.9	55.5	53.3	51.0	52.2	55.9	60.9	60.7	50.3
12	Elk Grove Village	58.3	55.6	56.9	58.0	59.5	61.9	58.5	68.1	57.3	56.2	56.3	57.3	57.1	60.6	66.7	62.1	57.6
13	Elk Grove Village	69.3	64.5	63.7	72.6	74.3	78.9	74.5	73.4	70.8	71.1	71.4	70.6	68.6	72.9	80.0	77.6	64.6
14	Elk Grove Village	61.0	59.7	60.7	58.4	58.6	60.3	61.5	59.3	58.3	57.7	58.7	58.1	57.3	59.5	67.6	65.7	54.5
15	Franklin Park	54.1	54.9	58.5	53.4	55.1	56.0	57.4	56.1	55.3	57.2	54.9	53.7	54.4	55.8	64.1	62.6	53.6
16	Franklin Park	63.6	64.0	65.6	65.3	65.3	64.4	66.7	65.7	66.2	65.8	64.1	62.8	63.2	65.1	72.2	72.1	63.4
17	Harwood Heights	65.8	63.6	62.7	67.2	66.4	74.9	65.8	66.0	66.3	65.5	65.7	66.0	65.4	67.8	66.4	65.4	57.9
19	Stone Park	54.5	49.9	53.0	53.0	55.9	52.8	54.8	53.4	54.0	54.5	54.7	52.5	54.0	53.8	64.7	61.7	51.6
20	Mount Prospect	57.6	60.5	59.5	58.6	60.9	59.2	58.9	59.6	58.1	59.7	58.1	57.3	64.4	59.1	63.5	62.4	49.1
21	Mount Prospect	53.2	54.2	54.8	55.3	55.3	55.4	55.0	54.6	54.1	52.8	51.4	52.0	53.5	54.2	59.6	58.6	53.6
22	Norridge	63.1	59.9	59.3	63.4	68.0	67.2	67.2	67.7	68.3	67.2	67.0	67.4	63.6	66.3	69.2	67.7	59.2
23	Northlake	65.3	63.1	64.0	63.8	64.7	64.9	64.7	63.7	64.7	65.1	64.2	64.4	63.6	64.4	73.5	69.1	59.6
24	Park Ridge	51.5	54.5	55.5	55.5	54.3	58.4	58.1	52.9	53.8	53.2	50.1	48.5	49.4	54.7	60.3	58.8	50.6
25	Park Ridge	53.3	60.0	57.5	58.5	57.9	57.5	59.8	57.2	58.7	57.2	54.4	53.8	55.3	57.6	69.1	61.8	66.7
26	Park Ridge	54.5	58.9	59.4	59.6	57.9	58.7	60.0	57.4	58.4	56.3	53.7	53.4	54.0	57.9	64.0	61.2	59.5
27	Rosemont	62.3	66.5	65.7	65.0	64.3	63.5	64.9	64.0	64.0	64.3	61.7	61.4	62.6	64.2	73.0	67.6	70.2
28	Schiller Park	76.8	75.0	73.3	76.9	77.7	76.7	77.1	77.4	78.2	77.2	77.7	78.0	77.0	77.0	79.6	78.7	67.9
29	Wood Dale	63.9	68.6	65.3	68.4	68.0	66.6	65.5	66.7	66.3	65.2	63.3	62.5	61.6	66.3	n/a	n/a	65.1
30	Wood Dale	52.0	51.5	53.1	52.1	54.1	54.9	53.8	53.0	54.5	54.9	54.7	53.1	50.3	53.6	n/a	n/a	58.5
32	Wood Dale	61.2	60.8	59.1	60.5	62.4	61.7	61.9	62.7	64.3	63.2	63.4	62.4	59.2	62.2	71.2	66.4	63.8
33	Park Ridge	56.3	55.6	57.8	57.0	56.5	55.6	55.9	55.2	54.6	53.6	52.6	52.8	58.2	55.5	n/a	n/a	61.9
34	Elk Grove Village	57.0	57.2	55.4	56.6	56.9	57.2	54.6	54.2	55.7	53.5	55.1	55.6	55.2	55.9	66.3	61.2	61.4
35	Unincorporated Cook	53.1	51.1	53.4	54.4	54.3	55.2	57.0	54.0	54.8	56.9	54.6	53.5	52.0	54.6	70.8	65.4	54.7
37	Mount Prospect	51.9	53.3	53.6	54.1	53.6	54.2	53.8	53.7	55.5	54.3	51.4	51.2	52.1	53.5	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 (10 monitors). Green represents a decrease of 1dB or more from the same month of the previous year (9 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).