

Aircraft Noise Report

Chicago O'Hare International Airport

Period: February 2010

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels												Last Feb 09	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Full Build Out Values
		Mar 09	Apr 09	May 09	Jun 09	Jul 09	Aug 09	Sep 09	Oct 09	Nov 09	Dec 09	Jan 10	Feb ¹ 10					
1	Arlington Heights	59.2	59.9	60.6	61.3	61.2	60.3	60.8	61.2	59.0	56.9	54.5	56.7	58.1	59.7	63.0	63.0	50.5
2	Melrose Park	56.4	57.6	57.7	56.5	56.8	57.1	57.0	58.4	58.5	56.9	53.0	53.8	55.3	56.9	63.4	61.0	50.3
3	Bensenville	58.9	57.5	57.2	55.6	54.1	56.0	54.4	60.7	57.2	59.3	56.4	58.7	59.2	57.6	71.3	67.3	64.9
4	Schiller Park	54.3	55.9	54.7	54.8	54.2	57.3	55.3	57.0	55.4	54.6	51.0	53.7	53.4	55.1	62.6	62.6	58.8
5	Chicago	57.7	57.6	60.0	59.2	59.9	60.1	57.2	59.9	59.3	58.7	58.3	57.8	57.5	58.9	60.8	59.8	61.9
6	Chicago	57.3	56.8	57.3	58.0	57.5	56.4	57.9	58.4	56.7	55.8	54.2	54.3	54.6	56.9	61.3	59.6	57.8
7	Des Plaines	54.0	55.1	54.5	53.3	54.3	53.0	52.8	54.3	51.1	54.1	52.5	53.9	53.5	53.7	65.4	62.0	48.5
8	Des Plaines	65.4	66.4	63.7	65.0	60.5	62.5	64.8	65.3	60.8	61.2	59.9	60.7	62.3	63.6	70.0	68.8	60.8
10	Rolling Meadows	58.2	58.2	59.9	59.9	58.9	59.8	59.2	60.3	58.7	55.9	52.0	55.0	57.9	58.5	59.0	60.8	48.9
11	Chicago	56.8	56.8	57.5	58.6	55.6	56.6	57.5	56.9	55.3	55.5	52.2	53.7	54.7	56.4	60.9	60.7	50.3
12	Elk Grove Village	58.8	58.5	59.7	58.3	60.1	58.9	57.2	59.1	58.9	59.1	57.1	58.3	59.6	58.7	66.7	62.1	57.6
13	Elk Grove Village	73.0	73.5	74.1	74.7	74.1	74.8	74.5	75.0	73.6	72.3	68.6	69.3	72.8	73.5	80.0	77.6	64.6
14	Elk Grove Village	59.8	61.6	60.1	61.4	61.1	61.0	62.8	61.5	60.8	58.0	57.3	61.0	60.1	60.8	67.6	65.7	54.5
15	Franklin Park	59.1	59.4	58.3	57.9	58.2	59.1	58.8	60.6	59.7	58.4	54.4	54.1	59.6	58.5	64.1	62.6	53.6
16	Franklin Park	65.1	64.8	65.2	64.1	65.1	64.9	64.5	65.8	66.6	64.5	63.2	63.6	65.0	64.9	72.2	72.1	63.4
17	Harwood Heights	65.4	63.7	62.1	62.9	65.7	62.4	57.3	62.7	64.8	65.1	65.4	65.8	65.9	64.1	66.4	65.4	57.9
19	Stone Park	54.6	53.6	54.6	52.5	56.5	56.6	52.3	57.8	62.0	56.2	54.0	54.5	55.3	56.4	64.7	61.7	51.6
20	Mount Prospect	59.6	60.9	59.9	61.1	60.1	59.7	60.3	60.3	59.7	63.2	64.4	57.6	58.9	60.9	63.5	62.4	49.1
21	Mount Prospect	54.7	55.8	55.4	56.9	57.7	54.7	59.3	54.0	54.2	54.5	53.5	53.2	52.9	55.7	59.6	58.6	53.6
22	Norridge	67.6	65.9	63.8	64.0	64.4	63.9	59.0	64.3	66.4	--	63.6	63.1	67.5	64.6	69.2	67.7	59.2
23	Northlake	61.0	60.0	59.8	58.6	64.9	64.7	61.0	63.3	64.8	64.4	63.6	65.3	61.2	63.2	73.5	69.1	59.6
24	Park Ridge	55.2	55.9	53.9	55.6	52.2	52.1	54.9	55.6	54.7	52.6	49.4	51.5	50.9	54.0	60.3	58.8	50.6
25	Park Ridge	57.7	57.4	56.9	59.3	56.2	56.1	56.3	59.7	58.5	57.5	55.3	53.3	54.7	57.3	69.1	61.8	66.7
26	Park Ridge	56.5	57.3	56.9	56.6	54.5	56.2	57.7	58.6	55.3	55.6	54.0	54.5	52.3	56.3	64.0	61.2	59.5
27	Rosemont	64.7	64.9	64.8	64.6	62.0	62.9	63.6	64.7	64.4	63.7	62.6	62.3	58.8	63.9	73.0	67.6	70.2
28	Schiller Park	68.5	69.4	67.7	65.8	71.1	70.7	64.9	71.8	74.6	76.8	77.0	76.8	70.7	73.1	79.6	78.7	67.9
29	Wood Dale	63.5	64.4	62.1	64.9	62.8	62.9	65.3	65.3	64.8	64.9	61.6	63.9	61.4	64.0	n/a	n/a	65.1
30	Wood Dale	53.0	49.8	54.7	52.5	53.9	54.5	51.0	52.9	53.9	54.5	50.3	52.0	52.8	53.0	n/a	n/a	58.5
32	Wood Dale	53.7	54.7	52.9	55.8	55.4	56.8	55.9	60.3	60.2	61.1	59.2	61.2	53.5	58.2	71.2	66.4	63.8
33	Park Ridge	59.7	60.3	60.4	60.1	59.5	59.7	58.4	60.6	58.9	58.6	58.2	56.3	59.1	59.4	n/a	n/a	61.9
34	Elk Grove Village	56.3	55.8	56.6	55.6	58.3	55.5	54.8	56.5	56.6	56.3	55.2	57.0	57.1	56.3	66.3	61.2	61.4
35	Unincorporated Cook	56.4	55.1	55.0	54.7	54.1	54.7	45.5	54.7	54.8	54.5	52.0	53.1	57.0	54.2	70.8	65.4	54.7
37	Mount Prospect	53.3	53.4	54.2	54.6	54.9	53.8	53.9	54.7	54.5	53.6	52.1	51.9	52.0	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 (6 monitors). Green represents a decrease of 1dB or more from the same month of the previous year (14 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).