

Aircraft Noise Report

Chicago O'Hare International Airport

Period: March 2012

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Mar 11	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values	
		Apr 11	May 11	Jun 11	Jul 11	Aug 11	Sep 11	Oct 11	Nov 11	Dec 11	Jan 12	Feb 12						Mar ¹ 12
1	Arlington Heights	59.7	62.3	64.0	60.9	60.7	59.6	58.1	58.2	57.0	55.9	56.9	58.9	58.3	60.0	63.0	63.0	50.5
2	Melrose Park	54.4	54.5	54.1	54.4	54.2	53.4	54.1	54.5	53.3	53.1	53.8	54.5	53.7	54.1	63.4	61.0	50.3
3	Bensenville	60.1	61.0	59.7	60.1	59.5	60.0	60.8	61.5	60.9	60.8	59.5	62.1	59.6	60.6	71.3	67.3	64.9
4	Schiller Park	52.8	54.1	53.6	54.1	55.7	54.6	55.1	56.0	54.5	54.7	55.2	57.1	52.8	54.9	62.6	62.6	58.8
5	Chicago	58.1	57.7	59.5	58.4	59.0	59.1	57.8	56.0	57.7	57.5	56.9	56.9	58.2	58.0	60.8	59.8	61.9
6 ³	Chicago	60.1	--	--	--	--	--	--	--	--	--	--	--	59.5	60.1	61.3	59.6	57.8
7	Des Plaines	55.4	53.5	53.4	54.8	58.0	57.1	58.5	56.8	52.6	50.0	49.3	51.3	53.0	55.2	65.4	62.0	48.5
8	Des Plaines	64.0	64.0	62.4	61.7	61.6	61.6	61.1	63.2	58.7	57.3	59.3	61.7	64.6	61.8	70.0	68.8	60.8
10	Rolling Meadows	58.0	58.7	59.1	57.4	58.0	58.0	58.0	58.7	56.5	56.0	56.4	59.4	58.2	58.0	59.0	60.8	48.9
11	Chicago	57.7	58.8	57.8	57.6	56.1	57.0	53.8	58.5	56.7	57.5	57.0	60.5	57.7	57.7	60.9	60.7	50.3
12	Elk Grove Village	57.7	55.8	57.6	58.4	58.9	58.1	59.4	57.7	60.6	59.3	58.3	57.6	54.8	58.4	66.7	62.1	57.6
13	Elk Grove Village	72.8	73.4	74.0	72.5	71.5	71.0	72.6	72.5	72.1	71.1	71.4	73.1	72.0	72.4	80.0	77.6	64.6
14	Elk Grove Village	60.1	62.2	59.3	61.9	62.3	61.2	60.0	59.5	59.1	58.2	58.8	59.2	59.2	60.4	67.6	65.7	54.5
15	Franklin Park	56.5	56.0	56.3	55.4	57.4	54.7	55.6	56.8	55.4	55.8	56.5	57.7	55.4	56.3	64.1	62.6	53.6
16	Franklin Park	63.9	64.4	64.7	64.0	65.3	65.0	66.2	66.0	64.0	63.7	64.3	64.8	63.5	64.8	72.2	72.1	63.4
17	Harwood Heights	65.6	64.8	65.8	66.7	66.5	66.6	67.3	65.3	66.8	66.3	66.1	65.3	62.3	66.1	66.4	65.4	57.9
19	Stone Park	54.3	52.5	53.8	54.0	55.4	53.6	54.7	54.0	53.9	54.8	58.0	54.8	51.6	54.7	64.7	61.7	51.6
20	Mount Prospect	61.4	60.9	60.4	59.4	62.0	60.0	58.4	57.7	57.5	56.0	56.0	57.8	59.2	59.4	63.5	62.4	49.1
21	Mount Prospect	55.3	55.6	56.5	56.3	55.8	54.8	54.4	53.1	53.4	50.9	51.9	53.2	54.6	54.6	59.6	58.6	53.6
22	Norridge	68.5	66.4	67.6	67.4	67.6	67.3	68.5	66.3	68.3	67.8	67.4	66.7	66.5	67.5	69.2	67.7	59.2
23	Northlake	64.5	62.5	63.3	63.0	64.6	63.9	65.4	64.3	64.8	64.2	65.2	65.1	62.7	64.3	73.5	69.1	59.6
24	Park Ridge	56.1	55.1	55.3	57.7	56.8	54.2	51.9	53.6	49.5	48.9	49.8	54.0	54.7	54.4	60.3	58.8	50.6
25	Park Ridge	57.5	57.5	57.4	59.1	59.6	60.9	60.8	64.0	63.0	62.6	64.1	64.7	58.1	61.7	69.1	61.8	66.7
26	Park Ridge	59.6	59.9	59.2	59.9	58.7	57.2	55.3	56.4	54.1	52.7	54.3	57.1	60.0	57.6	64.0	61.2	59.5
27	Rosemont	64.9	64.9	65.6	63.4	64.2	63.7	63.1	63.9	62.9	61.8	62.3	63.3	65.6	63.8	73.0	67.6	70.2
28	Schiller Park	78.0	75.5	76.8	77.2	77.3	76.9	78.5	76.0	78.1	77.9	77.5	76.5	75.6	77.3	79.6	78.7	67.9
29	Wood Dale	68.4	68.8	67.9	67.6	67.1	66.6	64.7	65.8	62.6	61.0	63.5	66.1	68.5	66.4	n/a	n/a	65.1
30	Wood Dale	54.0	54.4	53.6	53.2	54.5	54.2	56.1	55.4	54.9	54.7	54.0	56.6	52.3	54.7	n/a	n/a	58.5
32	Wood Dale	64.4	60.6	60.7	60.9	61.8	61.5	63.3	62.3	63.4	62.3	61.4	62.5	60.4	62.3	71.2	66.4	63.8
33	Park Ridge	55.1	54.4	55.6	57.6	59.8	59.8	59.4	58.8	59.5	58.7	59.1	58.4	53.5	58.3	n/a	n/a	61.9
34	Elk Grove Village	56.2	55.8	58.3	59.7	60.7	58.4	60.2	58.6	60.3	59.7	58.5	57.6	54.5	58.9	66.3	61.2	61.4
35	Unincorporated Cook	54.7	52.8	54.2	56.4	59.8	56.9	60.4	--	60.3	60.2	60.1	60.6	53.2	58.6	70.8	65.4	54.7
37	Mount Prospect	53.8	55.5	55.0	55.0	55.3	53.1	53.7	54.0	52.1	51.0	52.5	53.7	53.9	53.9	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 (17 monitors). Green represents a decrease of 1dB or more from the same month of the previous year (8 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).

3. RMT 6 was decommissioned on May 5, 2011.