

Aircraft Noise Report

Chicago O'Hare International Airport

Period: October 2010

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Oct 09	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Full Build Out Values	
		Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10	Aug 10	Sep 10						Oct ¹ 10
1	Arlington Heights	59.0	56.9	54.5	56.7	58.7	59.3	58.0	59.0	59.4	60.8	58.5	57.3	61.2	58.4	63.0	63.0	50.5
2	Melrose Park	58.5	56.9	53.0	53.8	54.4	56.0	53.6	54.4	54.8	55.8	53.5	54.5	58.4	55.2	63.4	61.0	50.3
3	Bensenville	57.2	59.3	56.4	58.7	58.7	57.3	59.4	60.0	59.8	59.8	59.9	61.8	60.7	59.6	71.3	67.3	64.9
4	Schiller Park	55.4	54.6	51.0	53.7	52.9	55.6	54.8	56.8	55.9	57.5	56.2	54.5	57.0	55.2	62.6	62.6	58.8
5	Chicago	59.3	58.7	58.3	57.8	57.0	58.2	59.1	60.8	60.1	59.1	59.7	58.9	59.9	59.0	60.8	59.8	61.9
6	Chicago	56.7	55.8	54.2	54.3	57.8	56.7	60.0	59.9	62.5	59.4	58.5	58.7	58.4	58.5	61.3	59.6	57.8
7	Des Plaines	51.1	54.1	52.5	53.9	52.6	52.7	54.5	53.1	56.0	57.2	53.7	53.4	54.3	54.0	65.4	62.0	48.5
8	Des Plaines	60.8	61.2	59.9	60.7	63.3	63.4	63.4	61.5	61.0	61.2	61.2	62.3	65.3	61.8	70.0	68.8	60.8
10	Rolling Meadows	58.7	55.9	52.0	55.0	55.7	58.6	56.4	57.4	59.3	--	57.5	55.4	60.3	57.0	59.0	60.8	48.9
11	Chicago	55.3	55.5	52.2	53.7	57.6	57.3	56.7	56.4	56.6	56.5	56.4	55.9	56.9	56.1	60.9	60.7	50.3
12	Elk Grove Village	58.9	59.1	57.1	58.3	55.6	56.9	58.0	59.5	61.9	58.5	68.1	57.3	59.1	60.8	66.7	62.1	57.6
13	Elk Grove Village	73.6	72.3	68.6	69.3	64.5	63.7	72.6	74.3	78.9	74.5	73.4	70.8	75.0	73.1	80.0	77.6	64.6
14	Elk Grove Village	60.8	58.0	57.3	61.0	59.7	60.7	58.4	58.6	60.3	61.5	59.3	58.3	61.5	59.7	67.6	65.7	54.5
15	Franklin Park	59.7	58.4	54.4	54.1	54.9	58.5	53.4	55.1	56.0	57.4	56.1	55.3	60.6	56.5	64.1	62.6	53.6
16	Franklin Park	66.6	64.5	63.2	63.6	64.0	65.6	65.3	65.3	64.4	66.7	65.7	66.2	65.8	65.2	72.2	72.1	63.4
17	Harwood Heights	64.8	65.1	65.4	65.8	63.6	62.7	67.2	66.4	74.9	65.8	66.0	66.3	62.7	67.7	66.4	65.4	57.9
19	Stone Park	62.0	56.2	54.0	54.5	49.9	53.0	53.0	55.9	52.8	54.8	53.4	54.0	57.8	55.6	64.7	61.7	51.6
20	Mount Prospect	59.7	63.2	64.4	57.6	60.5	59.5	58.6	60.9	59.2	58.9	59.6	58.1	60.3	60.5	63.5	62.4	49.1
21	Mount Prospect	54.2	54.5	53.5	53.2	54.2	54.8	55.3	55.3	55.4	55.0	54.6	54.1	54.0	54.6	59.6	58.6	53.6
22	Norridge	66.4	--	63.6	63.1	59.9	59.3	63.4	68.0	67.2	67.2	67.7	68.3	64.3	65.8	69.2	67.7	59.2
23	Northlake	64.8	64.4	63.6	65.3	63.1	64.0	63.8	64.7	64.9	64.7	63.7	64.7	63.3	64.4	73.5	69.1	59.6
24	Park Ridge	54.7	52.6	49.4	51.5	54.5	55.5	55.5	54.3	58.4	58.1	52.9	53.8	55.6	54.9	60.3	58.8	50.6
25	Park Ridge	58.5	57.5	55.3	53.3	60.0	57.5	58.5	57.9	57.5	59.8	57.2	58.7	59.7	58.0	69.1	61.8	66.7
26	Park Ridge	55.3	55.6	54.0	54.5	58.9	59.4	59.6	57.9	58.7	60.0	57.4	58.4	58.6	57.9	64.0	61.2	59.5
27	Rosemont	64.4	63.7	62.6	62.3	66.5	65.7	65.0	64.3	63.5	64.9	64.0	64.0	64.7	64.4	73.0	67.6	70.2
28	Schiller Park	74.6	76.8	77.0	76.8	75.0	73.3	76.9	77.7	76.7	77.1	77.4	78.2	71.8	76.7	79.6	78.7	67.9
29	Wood Dale	64.8	64.9	61.6	63.9	68.6	65.3	68.4	68.0	66.6	65.5	66.7	66.3	65.3	66.3	n/a	n/a	65.1
30	Wood Dale	53.9	54.5	50.3	52.0	51.5	53.1	52.1	54.1	54.9	53.8	53.0	54.5	52.9	53.3	n/a	n/a	58.5
32	Wood Dale	60.2	61.1	59.2	61.2	60.8	59.1	60.5	62.4	61.7	61.9	62.7	64.3	60.3	61.5	71.2	66.4	63.8
33	Park Ridge	58.9	58.6	58.2	56.3	55.6	57.8	57.0	56.5	55.6	55.9	55.2	54.6	60.6	56.9	n/a	n/a	61.9
34	Elk Grove Village	56.6	56.3	55.2	57.0	57.2	55.4	56.6	56.9	57.2	54.6	54.2	55.7	56.5	56.2	66.3	61.2	61.4
35	Unincorporated Cook	54.8	54.5	52.0	53.1	51.1	53.4	54.4	54.3	55.2	57.0	54.0	54.8	54.7	54.3	70.8	65.4	54.7
37	Mount Prospect	54.5	53.6	52.1	51.9	53.3	53.6	54.1	53.6	54.2	53.8	53.7	55.5	54.7	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 (8 monitors). Green represents a decrease of 1dB or more from the same month of the previous year (16 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).