

Aircraft Noise Report

Chicago O'Hare International Airport

Period: August 2010

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Aug 09	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Full Build Out Values	
		Sep 09	Oct 09	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10						Aug ¹ 10
1	Arlington Heights	60.8	61.2	59.0	56.9	54.5	56.7	58.7	59.3	58.0	59.0	59.4	60.8	60.3	59.0	63.0	63.0	50.5
2	Melrose Park	57.0	58.4	58.5	56.9	53.0	53.8	54.4	56.0	53.6	54.4	54.8	55.8	57.1	55.9	63.4	61.0	50.3
3	Bensenville	54.4	60.7	57.2	59.3	56.4	58.7	58.7	57.3	59.4	60.0	59.8	59.8	56.0	59.2	71.3	67.3	64.9
4	Schiller Park	55.3	57.0	55.4	54.6	51.0	53.7	52.9	55.6	54.8	56.8	55.9	57.5	57.3	55.4	62.6	62.6	58.8
5	Chicago	57.2	59.9	59.3	58.7	58.3	57.8	57.0	58.2	59.1	60.8	60.1	59.1	60.1	58.9	60.8	59.8	61.9
6	Chicago	57.9	58.4	56.7	55.8	54.2	54.3	57.8	56.7	60.0	59.9	62.5	59.4	56.4	58.4	61.3	59.6	57.8
7	Des Plaines	52.8	54.3	51.1	54.1	52.5	53.9	52.6	52.7	54.5	53.1	56.0	57.2	53.0	54.0	65.4	62.0	48.5
8	Des Plaines	64.8	65.3	60.8	61.2	59.9	60.7	63.3	63.4	63.4	61.5	61.0	61.2	62.5	62.5	70.0	68.8	60.8
10	Rolling Meadows	59.2	60.3	58.7	55.9	52.0	55.0	55.7	58.6	56.4	57.4	59.3	--	59.8	57.7	59.0	60.8	48.9
11	Chicago	57.5	56.9	55.3	55.5	52.2	53.7	57.6	57.3	56.7	56.4	56.6	56.5	56.6	56.3	60.9	60.7	50.3
12	Elk Grove Village	57.2	59.1	58.9	59.1	57.1	58.3	55.6	56.9	58.0	59.5	61.9	58.5	58.9	58.6	66.7	62.1	57.6
13	Elk Grove Village	74.5	75.0	73.6	72.3	68.6	69.3	64.5	63.7	72.6	74.3	78.9	74.5	74.8	73.5	80.0	77.6	64.6
14	Elk Grove Village	62.8	61.5	60.8	58.0	57.3	61.0	59.7	60.7	58.4	58.6	60.3	61.5	61.0	60.3	67.6	65.7	54.5
15	Franklin Park	58.8	60.6	59.7	58.4	54.4	54.1	54.9	58.5	53.4	55.1	56.0	57.4	59.1	57.4	64.1	62.6	53.6
16	Franklin Park	64.5	65.8	66.6	64.5	63.2	63.6	64.0	65.6	65.3	65.3	64.4	66.7	64.9	65.1	72.2	72.1	63.4
17	Harwood Heights	57.3	62.7	64.8	65.1	65.4	65.8	63.6	62.7	67.2	66.4	74.9	65.8	62.4	67.3	66.4	65.4	57.9
19	Stone Park	52.3	57.8	62.0	56.2	54.0	54.5	49.9	53.0	53.0	55.9	52.8	54.8	56.6	55.9	64.7	61.7	51.6
20	Mount Prospect	60.3	60.3	59.7	63.2	64.4	57.6	60.5	59.5	58.6	60.9	59.2	58.9	59.7	60.7	63.5	62.4	49.1
21	Mount Prospect	59.3	54.0	54.2	54.5	53.5	53.2	54.2	54.8	55.3	55.3	55.4	55.0	54.7	55.2	59.6	58.6	53.6
22	Norridge	59.0	64.3	66.4	--	63.6	63.1	59.9	59.3	63.4	68.0	67.2	67.2	63.9	64.8	69.2	67.7	59.2
23	Northlake	61.0	63.3	64.8	64.4	63.6	65.3	63.1	64.0	63.8	64.7	64.9	64.7	64.7	64.1	73.5	69.1	59.6
24	Park Ridge	54.9	55.6	54.7	52.6	49.4	51.5	54.5	55.5	55.5	54.3	58.4	58.1	52.1	55.2	60.3	58.8	50.6
25	Park Ridge	56.3	59.7	58.5	57.5	55.3	53.3	60.0	57.5	58.5	57.9	57.5	59.8	56.1	58.0	69.1	61.8	66.7
26	Park Ridge	57.7	58.6	55.3	55.6	54.0	54.5	58.9	59.4	59.6	57.9	58.7	60.0	56.2	57.9	64.0	61.2	59.5
27	Rosemont	63.6	64.7	64.4	63.7	62.6	62.3	66.5	65.7	65.0	64.3	63.5	64.9	62.9	64.4	73.0	67.6	70.2
28	Schiller Park	64.9	71.8	74.6	76.8	77.0	76.8	75.0	73.3	76.9	77.7	76.7	77.1	70.7	75.8	79.6	78.7	67.9
29	Wood Dale	65.3	65.3	64.8	64.9	61.6	63.9	68.6	65.3	68.4	68.0	66.6	65.5	62.9	66.1	n/a	n/a	65.1
30	Wood Dale	51.0	52.9	53.9	54.5	50.3	52.0	51.5	53.1	52.1	54.1	54.9	53.8	54.5	53.1	n/a	n/a	58.5
32	Wood Dale	55.9	60.3	60.2	61.1	59.2	61.2	60.8	59.1	60.5	62.4	61.7	61.9	56.8	60.6	71.2	66.4	63.8
33	Park Ridge	58.4	60.6	58.9	58.6	58.2	56.3	55.6	57.8	57.0	56.5	55.6	55.9	59.7	57.7	n/a	n/a	61.9
34	Elk Grove Village	54.8	56.5	56.6	56.3	55.2	57.0	57.2	55.4	56.6	56.9	57.2	54.6	55.5	56.3	66.3	61.2	61.4
35	Unincorporated Cook	45.5	54.7	54.8	54.5	52.0	53.1	51.1	53.4	54.4	54.3	55.2	57.0	54.7	54.0	70.8	65.4	54.7
37	Mount Prospect	53.9	54.7	54.5	53.6	52.1	51.9	53.3	53.6	54.1	53.6	54.2	53.8	53.8	53.7	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 (14 monitors). Green represents a decrease of 1dB or more from the same month of the previous year (6 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).