

Aircraft Noise Report

Chicago O'Hare International Airport

Period: July 2010

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Jul 09	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Full Build Out Values	
		Aug 09	Sep 09	Oct 09	Nov 09	Dec 09	Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10						Jul ¹ 10
1	Arlington Heights	60.3	60.8	61.2	59.0	56.9	54.5	56.7	58.7	59.3	58.0	59.0	59.4	61.2	59.0	63.0	63.0	50.5
2	Melrose Park	57.1	57.0	58.4	58.5	56.9	53.0	53.8	54.4	56.0	53.6	54.4	54.8	56.8	56.0	63.4	61.0	50.3
3	Bensenville	56.0	54.4	60.7	57.2	59.3	56.4	58.7	58.7	57.3	59.4	60.0	59.8	54.1	58.5	71.3	67.3	64.9
4	Schiller Park	57.3	55.3	57.0	55.4	54.6	51.0	53.7	52.9	55.6	54.8	56.8	55.9	54.2	55.3	62.6	62.6	58.8
5	Chicago	60.1	57.2	59.9	59.3	58.7	58.3	57.8	57.0	58.2	59.1	60.8	60.1	59.9	59.0	60.8	59.8	61.9
6	Chicago	56.4	57.9	58.4	56.7	55.8	54.2	54.3	57.8	56.7	60.0	59.9	62.5	57.5	58.2	61.3	59.6	57.8
7	Des Plaines	53.0	52.8	54.3	51.1	54.1	52.5	53.9	52.6	52.7	54.5	53.1	56.0	54.3	53.6	65.4	62.0	48.5
8	Des Plaines	62.5	64.8	65.3	60.8	61.2	59.9	60.7	63.3	63.4	63.4	61.5	61.0	60.5	62.6	70.0	68.8	60.8
10	Rolling Meadows	59.8	59.2	60.3	58.7	55.9	52.0	55.0	55.7	58.6	56.4	57.4	59.3	58.9	57.9	59.0	60.8	48.9
11	Chicago	56.6	57.5	56.9	55.3	55.5	52.2	53.7	57.6	57.3	56.7	56.4	56.6	55.6	56.3	60.9	60.7	50.3
12	Elk Grove Village	58.9	57.2	59.1	58.9	59.1	57.1	58.3	55.6	56.9	58.0	59.5	61.9	60.1	58.6	66.7	62.1	57.6
13	Elk Grove Village	74.8	74.5	75.0	73.6	72.3	68.6	69.3	64.5	63.7	72.6	74.3	78.9	74.1	73.6	80.0	77.6	64.6
14	Elk Grove Village	61.0	62.8	61.5	60.8	58.0	57.3	61.0	59.7	60.7	58.4	58.6	60.3	61.1	60.3	67.6	65.7	54.5
15	Franklin Park	59.1	58.8	60.6	59.7	58.4	54.4	54.1	54.9	58.5	53.4	55.1	56.0	58.2	57.5	64.1	62.6	53.6
16	Franklin Park	64.9	64.5	65.8	66.6	64.5	63.2	63.6	64.0	65.6	65.3	65.3	64.4	65.1	64.9	72.2	72.1	63.4
17	Harwood Heights	62.4	57.3	62.7	64.8	65.1	65.4	65.8	63.6	62.7	67.2	66.4	74.9	65.7	67.2	66.4	65.4	57.9
19	Stone Park	56.6	52.3	57.8	62.0	56.2	54.0	54.5	49.9	53.0	53.0	55.9	52.8	56.5	56.1	64.7	61.7	51.6
20	Mount Prospect	59.7	60.3	60.3	59.7	63.2	64.4	57.6	60.5	59.5	58.6	60.9	59.2	60.1	60.7	63.5	62.4	49.1
21	Mount Prospect	54.7	59.3	54.0	54.2	54.5	53.5	53.2	54.2	54.8	55.3	55.3	55.4	57.7	55.2	59.6	58.6	53.6
22	Norridge	63.9	59.0	64.3	66.4	--	63.6	63.1	59.9	59.3	63.4	68.0	67.2	64.4	64.4	69.2	67.7	59.2
23	Northlake	64.7	61.0	63.3	64.8	64.4	63.6	65.3	63.1	64.0	63.8	64.7	64.9	64.9	64.1	73.5	69.1	59.6
24	Park Ridge	52.1	54.9	55.6	54.7	52.6	49.4	51.5	54.5	55.5	55.5	54.3	58.4	52.2	54.6	60.3	58.8	50.6
25	Park Ridge	56.1	56.3	59.7	58.5	57.5	55.3	53.3	60.0	57.5	58.5	57.9	57.5	56.2	57.7	69.1	61.8	66.7
26	Park Ridge	56.2	57.7	58.6	55.3	55.6	54.0	54.5	58.9	59.4	59.6	57.9	58.7	54.5	57.6	64.0	61.2	59.5
27	Rosemont	62.9	63.6	64.7	64.4	63.7	62.6	62.3	66.5	65.7	65.0	64.3	63.5	62.0	64.3	73.0	67.6	70.2
28	Schiller Park	70.7	64.9	71.8	74.6	76.8	77.0	76.8	75.0	73.3	76.9	77.7	76.7	71.1	75.4	79.6	78.7	67.9
29	Wood Dale	62.9	65.3	65.3	64.8	64.9	61.6	63.9	68.6	65.3	68.4	68.0	66.6	62.8	65.9	n/a	n/a	65.1
30	Wood Dale	54.5	51.0	52.9	53.9	54.5	50.3	52.0	51.5	53.1	52.1	54.1	54.9	53.9	53.1	n/a	n/a	58.5
32	Wood Dale	56.8	55.9	60.3	60.2	61.1	59.2	61.2	60.8	59.1	60.5	62.4	61.7	55.4	60.3	71.2	66.4	63.8
33	Park Ridge	59.7	58.4	60.6	58.9	58.6	58.2	56.3	55.6	57.8	57.0	56.5	55.6	59.5	58.0	n/a	n/a	61.9
34	Elk Grove Village	55.5	54.8	56.5	56.6	56.3	55.2	57.0	57.2	55.4	56.6	56.9	57.2	58.3	56.3	66.3	61.2	61.4
35	Unincorporated Cook	54.7	45.5	54.7	54.8	54.5	52.0	53.1	51.1	53.4	54.4	54.3	55.2	54.1	53.7	70.8	65.4	54.7
37	Mount Prospect	53.8	53.9	54.7	54.5	53.6	52.1	51.9	53.3	53.6	54.1	53.6	54.2	54.9	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 (18 monitors). Green represents a decrease of 1dB or more from the same month of the previous year (7 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).