

Aircraft Noise Report

Chicago O'Hare International Airport

Period: October 2014

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Oct 13	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values	
		Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14						Oct ¹ 14
1	Arlington Heights	56.5	53.0	52.3	53.0	55.4	55.1	56.3	51.7	52.2	52.1	55.4	51.6	58.1	54.1	63.0	63.0	50.5
2	Melrose Park	52.6	54.8	57.2	54.9	56.7	59.2	57.3	56.2	54.2	53.8	54.7	54.3	54.3	55.9	63.4	61.0	50.3
3	Bensenville	65.9	64.1	63.3	63.6	63.5	63.3	63.7	63.7	65.0	63.7	64.6	63.5	63.5	64.2	71.3	67.3	64.9
4	Schiller Park	--	56.1	55.8	54.8	57.1	58.2	58.1	56.5	58.9	55.4	55.1	--	56.7	62.6	62.6	58.8	
5	Chicago	58.8	58.8	58.2	57.8	57.9	58.5	59.7	61.9	62.6	60.8	62.2	57.1	60.2	60.8	59.8	61.9	
7	Des Plaines	54.5	51.2	49.3	51.1	54.2	53.9	54.6	52.3	53.5	54.7	55.6	52.5	54.0	65.4	62.0	48.5	
8	Des Plaines	56.1	57.3	54.2	54.8	60.1	59.6	61.0	60.8	56.8	57.6	55.6	59.4	58.1	70.0	68.8	60.8	
10	Rolling Meadows	54.9	48.7	46.0	47.9	51.1	52.1	52.3	58.9	51.8	50.6	52.3	57.1	52.8	59.0	60.8	48.9	
11	Chicago	59.8	55.4	58.2	58.5	56.9	58.1	57.4	66.9	62.4	54.3	52.8	55.7	59.9	60.9	60.7	50.3	
12	Elk Grove Village	59.8	58.7	57.8	56.3	58.5	59.3	60.5	61.8	61.1	59.6	--	58.1	60.1	66.7	62.1	57.6	
13	Elk Grove Village	70.4	67.7	66.3	70.1	68.6	66.1	64.1	62.7	62.5	63.4	62.2	71.3	62.9	80.0	77.6	64.6	
14	Elk Grove Village	59.1	57.3	55.7	55.6	58.0	57.3	59.0	53.4	53.9	55.2	55.3	59.6	54.9	67.6	65.7	54.5	
15	Franklin Park	54.1	52.5	52.5	50.0	53.8	55.6	57.2	54.6	52.1	53.6	52.5	54.1	53.9	64.1	62.6	53.6	
16	Franklin Park	62.6	60.9	61.6	60.3	63.1	62.3	63.6	65.1	65.4	64.4	64.6	64.3	63.8	72.2	72.1	63.4	
17	Harwood Heights	61.3	60.3	60.7	58.8	60.5	60.0	61.4	63.3	63.6	64.0	64.5	63.3	62.2	66.4	65.4	57.9	
19	Stone Park	53.6	52.4	50.9	51.1	56.1	53.9	56.3	57.1	56.6	56.6	56.6	55.4	55.3	64.7	61.7	51.6	
20	Mount Prospect	61.6	56.9	56.2	57.5	59.8	56.9	--	56.2	60.2	57.1	54.1	64.1	57.9	63.5	62.4	49.1	
21	Mount Prospect	48.7	46.6	44.5	44.8	45.6	45.5	48.7	47.6	48.5	47.5	50.2	48.9	47.6	59.6	58.6	53.6	
22	Norridge	65.2	65.1	62.9	62.7	64.0	64.2	65.7	64.9	64.2	65.2	64.7	66.6	64.5	69.2	67.7	59.2	
23	Northlake	60.7	60.7	58.5	59.2	61.7	60.6	61.2	62.8	64.1	63.7	62.7	64.0	62.1	73.5	69.1	59.6	
24	Park Ridge	51.3	51.5	48.3	50.0	52.1	55.4	55.5	54.5	50.7	52.2	53.2	52.2	52.7	60.3	58.8	50.6	
25	Park Ridge	58.7	59.4	56.3	56.2	59.8	60.9	61.4	61.4	59.5	60.0	60.7	58.0	61.7	69.1	61.8	66.7	
26	Park Ridge	55.3	54.6	52.2	52.5	56.0	57.6	58.5	57.7	54.9	56.5	58.1	55.1	57.6	64.0	61.2	59.5	
27	Rosemont	63.1	63.3	60.8	60.0	65.2	67.1	67.8	67.4	65.7	65.0	67.2	63.1	67.8	73.0	67.6	70.2	
28	Schiller Park	75.6	75.8	73.6	73.6	73.8	74.6	75.7	74.3	71.9	74.3	73.9	76.1	74.4	79.6	78.7	67.9	
29	Wood Dale	62.6	64.0	59.7	60.6	64.5	65.7	67.2	67.1	66.0	67.1	65.6	64.1	66.1	n/a	n/a	65.1	
30	Wood Dale	59.8	56.9	--	56.7	58.6	57.8	57.8	56.0	56.8	55.5	56.1	57.4	57.5	n/a	n/a	58.5	
32	Wood Dale	65.3	63.8	62.4	61.3	62.0	62.9	64.9	66.4	67.8	66.8	68.4	63.2	67.8	71.2	66.4	63.8	
33	Park Ridge	62.1	60.2	58.4	58.6	60.5	61.4	62.2	63.0	62.7	62.2	62.5	61.2	63.4	n/a	n/a	61.9	
34	Elk Grove Village	58.4	56.7	56.8	57.3	56.8	57.8	58.1	61.2	59.0	58.3	59.9	57.2	58.5	66.3	61.2	61.4	
35	Unincorporated Cook	57.9	55.6	56.4	54.9	56.7	57.0	58.7	58.3	59.2	58.0	59.2	59.9	59.7	70.8	65.4	54.7	
37	Mount Prospect	56.6	53.9	55.6	54.3	55.6	55.8	55.1	58.7	49.4	54.0	54.0	54.7	51.7	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 (10 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (13 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 (28 monitors).