

Aircraft Noise Report

Chicago O'Hare International Airport

Period: April 2016

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels												Last Apr 15	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values
		May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr ¹ 16					
1	Arlington Heights	52.6	54.9	57.2	58.0	57.4	56.0	56.5	55.2	53.5	56.8	56.9	56.7	55.8	56.2	63.0	63.0	50.5
2	Melrose Park	57.5	58.2	59.9	52.9	59.5	58.8	62.5	58.8	58.0	52.9	56.8	59.9	59.5	58.7	63.4	61.0	50.3
3	Bensenville	64.0	63.7	62.7	63.8	62.6	63.9	64.7	63.6	63.6	63.9	64.2	64.0	64.7	63.8	71.3	67.3	64.9
4	Schiller Park	--	--	57.9	--	--	59.1	59.7	56.6	55.5	57.1	58.3	58.9	55.6	56.7	62.6	62.6	58.8
5	Chicago	61.7	61.6	61.1	60.7	60.0	58.8	61.7	--	59.6	59.4	60.2	59.8	60.6	60.5	60.8	59.8	61.9
7	Des Plaines	52.1	52.7	51.9	52.4	51.6	52.8	53.4	51.7	52.0	53.3	52.7	53.0	53.4	52.5	65.4	62.0	48.5
8	Des Plaines	59.9	59.6	57.8	56.7	55.4	57.4	57.2	55.6	54.3	57.1	56.1	55.2	58.3	56.8	70.0	68.8	60.8
10	Rolling Meadows	52.0	50.7	53.1	51.0	54.8	--	53.9	48.5	49.5	51.1	50.8	52.7	53.8	52.6	59.0	60.8	48.9
11	Chicago	54.2	54.7	52.8	50.7	52.2	53.6	54.7	52.7	51.1	53.7	54.8	56.0	54.2	53.7	60.9	60.7	50.3
12	Elk Grove Village	62.1	61.0	59.6	59.0	59.8	61.2	62.6	62.9	61.4	62.8	63.3	61.6	64.6	61.6	66.7	62.1	57.6
13	Elk Grove Village	63.6	66.3	68.4	68.2	68.3	68.7	68.7	66.9	65.2	66.9	67.7	67.9	68.0	67.4	80.0	77.6	64.6
14	Elk Grove Village	57.0	57.5	60.6	60.8	60.5	60.0	63.1	60.2	59.7	60.5	61.2	60.3	62.5	60.4	67.6	65.7	54.5
15	Franklin Park	52.8	54.5	52.1	50.4	51.8	54.0	55.2	51.7	50.4	52.3	52.3	54.0	54.6	52.9	64.1	62.6	53.6
16	Franklin Park	65.4	64.2	63.9	63.7	63.6	63.9	65.4	65.2	63.6	63.3	63.0	61.4	65.9	64.0	72.2	72.1	63.4
17	Harwood Heights	63.7	63.0	64.1	66.0	66.6	66.7	66.6	68.0	62.5	63.3	63.5	62.8	62.6	65.1	66.4	65.4	57.9
19	Stone Park	54.5	54.3	54.6	56.7	54.3	53.9	54.7	54.4	52.5	53.5	53.0	53.8	54.4	54.3	64.7	61.7	51.6
20	Mount Prospect	52.9	53.4	54.8	56.4	54.6	52.5	56.4	54.6	53.9	55.5	54.8	53.9	54.7	54.6	63.5	62.4	49.1
21	Mount Prospect	49.8	48.5	52.7	52.7	52.6	51.6	54.2	51.8	55.9	49.7	52.0	49.0	52.6	52.2	59.6	58.6	53.6
22	Norridge	--	--	65.6	64.7	64.8	67.3	67.0	67.4	64.9	65.2	65.9	65.8	--	66.0	69.2	67.7	59.2
23	Northlake	64.4	64.6	66.1	65.5	64.8	63.7	64.3	63.3	63.1	62.9	63.8	61.5	63.6	64.2	73.5	69.1	59.6
24	Park Ridge	53.2	54.8	53.0	53.0	51.6	52.8	54.2	51.9	47.9	57.3	54.4	55.3	53.5	53.8	60.3	58.8	50.6
25	Park Ridge	63.3	62.8	61.6	60.6	61.4	61.7	62.6	61.5	59.9	61.7	63.5	64.4	62.3	62.2	69.1	61.8	66.7
26	Park Ridge	57.5	57.7	57.8	57.2	56.7	57.1	58.6	57.0	54.2	58.3	58.3	59.8	57.8	57.7	64.0	61.2	59.5
27	Rosemont	68.7	68.9	67.5	64.7	63.4	69.0	69.2	68.4	66.6	68.3	70.1	71.2	68.3	68.4	73.0	67.6	70.2
28	Schiller Park	73.9	73.4	73.2	71.0	69.4	73.1	72.5	73.3	71.3	70.9	70.1	68.7	73.7	72.0	79.6	78.7	67.9
29	Wood Dale	67.2	68.3	66.9	65.7	66.2	67.2	65.7	65.7	63.3	65.4	67.5	68.1	67.1	66.6	n/a	n/a	65.1
30	Wood Dale	55.6	55.4	55.4	55.1	54.9	57.0	57.2	56.4	57.0	57.0	56.2	56.9	56.5	56.3	n/a	n/a	58.5
32	Wood Dale	67.6	66.7	65.7	67.0	66.3	65.7	66.5	66.5	66.3	65.2	66.2	64.2	65.3	66.2	71.2	66.4	63.8
33	Park Ridge	63.5	63.1	62.8	63.4	62.3	63.0	62.9	62.5	62.3	61.3	61.9	62.0	63.2	62.6	n/a	n/a	61.9
34	Elk Grove Village	60.0	58.4	57.3	58.2	57.6	57.0	59.3	59.4	55.9	60.2	61.1	61.1	58.7	59.1	66.3	61.2	61.4
35	Unincorporated Cook	58.9	58.4	59.1	60.6	58.7	58.6	59.9	59.2	58.0	57.6	58.1	57.3	59.0	58.8	70.8	65.4	54.7
37	Mount Prospect	50.7	51.3	56.3	57.4	52.2	49.8	50.2	47.0	46.7	48.9	48.7	49.2	52.0	52.1	55.1	57.0	50.5
42	Chicago	--	--	56.8	56.3	58.4	59.3	59.4	58.9	56.6	57.7	58.9	58.6	--	n/a	n/a	n/a	n/a

-- Data unavailable.

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 (12 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. The following 6 monitor days were excluded due to high community noise values: Site 10 (9-10, 13); Site 13 (29); Site 34 (30); Site 37 (23).
4. The following 9 monitor days were not available due to malfunction: Site 11 (9-15); Site 34 (18-19).
5. Data is included for all days where data is collected for greater than 90% of the day.