

Aircraft Noise Report

Chicago O'Hare International Airport

Period: June 2016

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels												Last Jun 15	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values
		Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun ¹ 16					
1	Arlington Heights	57.2	58.0	57.4	56.0	56.5	55.2	53.5	56.8	56.9	56.7	56.7	56.0	54.9	56.5	63.0	63.0	50.5
2	Melrose Park	59.9	52.9	59.5	58.8	62.5	58.8	58.0	52.9	56.8	59.9	59.1	58.2	58.2	58.8	63.4	61.0	50.3
3	Bensenville	62.7	63.8	62.6	63.9	64.7	63.6	63.6	63.9	64.2	64.0	63.6	64.2	63.7	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	59.4	58.6	--	58.3	62.6	62.6	58.8
5	Chicago	61.1	60.7	60.0	58.8	61.7	--	59.6	59.4	60.2	59.8	61.1	61.0	61.6	60.4	60.8	59.8	61.9
7	Des Plaines	51.9	52.4	51.6	52.8	53.4	51.7	52.0	53.3	52.7	53.0	51.7	50.7	52.7	52.3	65.4	62.0	48.5
8	Des Plaines	57.8	56.7	55.4	57.4	57.2	55.6	54.3	57.1	56.1	55.2	55.3	54.9	59.6	56.2	70.0	68.8	60.8
10	Rolling Meadows	53.1	51.0	54.8	--	53.9	48.5	49.5	51.1	50.8	52.7	56.8	54.8	50.7	53.4	59.0	60.8	48.9
11	Chicago	52.8	50.7	52.2	53.6	54.7	52.7	51.1	53.7	54.8	56.0	55.6	55.1	54.7	53.9	60.9	60.7	50.3
12	Elk Grove Village	59.6	59.0	59.8	61.2	62.6	62.9	61.4	62.8	63.3	61.6	64.1	59.2	61.0	61.8	66.7	62.1	57.6
13	Elk Grove Village	68.4	68.2	68.3	68.7	68.7	66.9	65.2	66.9	67.7	67.9	68.5	67.9	66.3	67.9	80.0	77.6	64.6
14	Elk Grove Village	60.6	60.8	60.5	60.0	63.1	60.2	59.7	60.5	61.2	60.3	59.7	58.9	57.5	60.6	67.6	65.7	54.5
15	Franklin Park	52.1	50.4	51.8	54.0	55.2	51.7	50.4	52.3	52.3	54.0	52.7	52.8	54.5	52.7	64.1	62.6	53.6
16	Franklin Park	63.9	63.7	63.6	63.9	65.4	65.2	63.6	63.3	63.0	61.4	61.4	62.5	64.2	63.6	72.2	72.1	63.4
17	Harwood Heights	64.1	66.0	66.6	66.7	66.6	68.0	62.5	63.3	63.5	62.8	63.8	63.6	63.0	65.2	66.4	65.4	57.9
19	Stone Park	54.6	56.7	54.3	53.9	54.7	54.4	52.5	53.5	53.0	53.8	53.9	54.5	54.3	54.3	64.7	61.7	51.6
20	Mount Prospect	54.8	56.4	54.6	52.5	56.4	54.6	53.9	55.5	54.8	53.9	55.1	54.0	53.4	54.8	63.5	62.4	49.1
21	Mount Prospect	52.7	52.7	52.6	51.6	54.2	51.8	55.9	49.7	52.0	49.0	49.4	53.9	48.5	52.6	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	66.5	66.5	--	66.1	69.2	67.7	59.2
23	Northlake	66.1	65.5	64.8	63.7	64.3	63.3	63.1	62.9	63.8	61.5	62.2	62.9	64.6	63.9	73.5	69.1	59.6
24	Park Ridge	53.0	53.0	51.6	52.8	54.2	51.9	47.9	57.3	54.4	55.3	55.0	53.5	54.8	53.9	60.3	58.8	50.6
25	Park Ridge	61.6	60.6	61.4	61.7	62.6	61.5	59.9	61.7	63.5	64.4	64.2	62.7	62.8	62.3	69.1	61.8	66.7
26	Park Ridge	57.8	57.2	56.7	57.1	58.6	57.0	54.2	58.3	58.3	59.8	59.4	57.9	57.7	57.9	64.0	61.2	59.5
27	Rosemont	67.5	64.7	63.4	69.0	69.2	68.4	66.6	68.3	70.1	71.2	71.3	70.2	68.9	68.9	73.0	67.6	70.2
28	Schiller Park	73.2	71.0	69.4	73.1	72.5	73.3	71.3	70.9	70.1	68.7	74.8	75.0	73.4	72.4	79.6	78.7	67.9
29	Wood Dale	66.9	65.7	66.2	67.2	65.7	65.7	63.3	65.4	67.5	68.1	67.7	67.8	68.3	66.6	n/a	n/a	65.1
30	Wood Dale	55.4	55.1	54.9	57.0	57.2	56.4	57.0	57.0	56.2	56.9	57.0	55.0	55.4	56.3	n/a	n/a	58.5
32	Wood Dale	65.7	67.0	66.3	65.7	66.5	66.5	66.3	65.2	66.2	64.2	65.7	66.9	66.7	66.1	71.2	66.4	63.8
33	Park Ridge	62.8	63.4	62.3	63.0	62.9	62.5	62.3	61.3	61.9	62.0	62.6	62.7	63.1	62.5	n/a	n/a	61.9
34	Elk Grove Village	57.3	58.2	57.6	57.0	59.3	59.4	55.9	60.2	61.1	61.1	65.0	65.6	58.4	60.9	66.3	61.2	61.4
35	Unincorporated Cook	59.1	60.6	58.7	58.6	59.9	59.2	58.0	57.6	58.1	57.3	57.4	57.4	58.4	58.6	70.8	65.4	54.7
37	Mount Prospect	56.3	57.4	52.2	49.8	50.2	47.0	46.7	48.9	48.7	49.2	50.6	50.3	51.3	52.0	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	59.4	59.7	--	58.5	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 (8 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 3 monitor days were excluded due to high community noise values: Site 10 (14); Site 12 (15); Site 42 (7).
4. The following 17 monitor days were not available due to malfunction: Site 4 (18, 22); Site 20 (5); Site 22 (1-6, 11, 18, 21-22); Site 42 (11, 18, 21-22).
5. Data is included for all days where data is collected for greater than 90% of the day.