

Aircraft Noise Report

Chicago O'Hare International Airport

Period: August 2016

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Aug 15	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values	
		Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16						Aug ¹ 16
1	Arlington Heights	57.4	56.0	56.5	55.2	53.5	56.8	56.9	56.7	56.7	56.0	58.2	57.9	58.0	56.6	63.0	63.0	50.5
2	Melrose Park	59.5	58.8	62.5	58.8	58.0	52.9	56.8	59.9	59.1	58.2	58.6	60.8	52.9	59.1	63.4	61.0	50.3
3	Bensenville	62.6	63.9	64.7	63.6	63.6	63.9	64.2	64.0	63.6	64.2	63.4	64.5	63.8	63.9	71.3	67.3	64.9
4	Schiller Park	--	59.1	59.7	56.6	55.5	57.1	58.3	58.9	59.4	58.6	60.9	58.3	--	58.6	62.6	62.6	58.8
5	Chicago	60.0	58.8	61.7	--	59.6	59.4	60.2	59.8	61.1	61.0	61.4	60.0	60.7	60.3	60.8	59.8	61.9
7	Des Plaines	51.6	52.8	53.4	51.7	52.0	53.3	52.7	53.0	51.7	50.7	51.7	52.6	52.4	52.3	65.4	62.0	48.5
8	Des Plaines	55.4	57.4	57.2	55.6	54.3	57.1	56.1	55.2	55.3	54.9	56.0	57.2	56.7	56.1	70.0	68.8	60.8
10	Rolling Meadows	54.8	--	53.9	48.5	49.5	51.1	50.8	52.7	56.8	54.8	58.5	59.9	51.0	55.2	59.0	60.8	48.9
11	Chicago	52.2	53.6	54.7	52.7	51.1	53.7	54.8	56.0	55.6	55.1	54.7	54.3	50.7	54.3	60.9	60.7	50.3
12	Elk Grove Village	59.8	61.2	62.6	62.9	61.4	62.8	63.3	61.6	64.1	59.2	64.2	59.0	59.0	62.1	66.7	62.1	57.6
13	Elk Grove Village	68.3	68.7	68.7	66.9	65.2	66.9	67.7	67.9	68.5	67.9	69.2	68.1	68.2	67.9	80.0	77.6	64.6
14	Elk Grove Village	60.5	60.0	63.1	60.2	59.7	60.5	61.2	60.3	59.7	58.9	59.0	60.7	60.8	60.5	67.6	65.7	54.5
15	Franklin Park	51.8	54.0	55.2	51.7	50.4	52.3	52.3	54.0	52.7	52.8	55.6	53.0	50.4	53.2	64.1	62.6	53.6
16	Franklin Park	63.6	63.9	65.4	65.2	63.6	63.3	63.0	61.4	61.4	62.5	63.1	62.4	63.7	63.4	72.2	72.1	63.4
17	Harwood Heights	66.6	66.7	66.6	68.0	62.5	63.3	63.5	62.8	63.8	63.6	64.5	65.3	66.0	65.1	66.4	65.4	57.9
19	Stone Park	54.3	53.9	54.7	54.4	52.5	53.5	53.0	53.8	53.9	54.5	55.9	55.8	56.7	54.3	64.7	61.7	51.6
20	Mount Prospect	54.6	52.5	56.4	54.6	53.9	55.5	54.8	53.9	55.1	54.0	55.2	54.4	56.4	54.7	63.5	62.4	49.1
21	Mount Prospect	52.6	51.6	54.2	51.8	55.9	49.7	52.0	49.0	49.4	53.9	56.1	52.6	52.7	53.0	59.6	58.6	53.6
22	Norridge	64.8	67.3	67.0	67.4	64.9	65.2	65.9	65.8	66.5	66.5	66.3	66.3	64.7	66.2	69.2	67.7	59.2
23	Northlake	64.8	63.7	64.3	63.3	63.1	62.9	63.8	61.5	62.2	62.9	62.7	63.4	65.5	63.3	73.5	69.1	59.6
24	Park Ridge	51.6	52.8	54.2	51.9	47.9	57.3	54.4	55.3	55.0	53.5	57.1	55.8	53.0	54.5	60.3	58.8	50.6
25	Park Ridge	61.4	61.7	62.6	61.5	59.9	61.7	63.5	64.4	64.2	62.7	63.3	64.2	60.6	62.8	69.1	61.8	66.7
26	Park Ridge	56.7	57.1	58.6	57.0	54.2	58.3	58.3	59.8	59.4	57.9	58.9	60.2	57.2	58.3	64.0	61.2	59.5
27	Rosemont	63.4	69.0	69.2	68.4	66.6	68.3	70.1	71.2	71.3	70.2	70.2	70.4	64.7	69.4	73.0	67.6	70.2
28	Schiller Park	69.4	73.1	72.5	73.3	71.3	70.9	70.1	68.7	74.8	75.0	75.4	--	71.0	72.8	79.6	78.7	67.9
29	Wood Dale	66.2	67.2	65.7	65.7	63.3	65.4	67.5	68.1	67.7	67.8	66.8	67.0	65.7	66.7	n/a	n/a	65.1
30	Wood Dale	54.9	57.0	57.2	56.4	57.0	57.0	56.2	56.9	57.0	55.0	54.9	56.4	55.1	56.4	n/a	n/a	58.5
32	Wood Dale	66.3	65.7	66.5	66.5	66.3	65.2	66.2	64.2	65.7	66.9	66.0	65.4	67.0	66.0	71.2	66.4	63.8
33	Park Ridge	62.3	63.0	62.9	62.5	62.3	61.3	61.9	62.0	62.6	62.7	62.6	62.9	63.4	62.4	n/a	n/a	61.9
34	Elk Grove Village	57.6	57.0	59.3	59.4	55.9	60.2	61.1	61.1	65.0	65.6	61.7	59.8	58.2	61.3	66.3	61.2	61.4
35	Unincorporated Cook	58.7	58.6	59.9	59.2	58.0	57.6	58.1	57.3	57.4	57.4	59.0	60.4	60.6	58.6	70.8	65.4	54.7
37	Mount Prospect	52.2	49.8	50.2	47.0	46.7	48.9	48.7	49.2	50.6	50.3	58.7	58.6	57.4	53.0	55.1	57.0	50.5
42	Chicago	58.4	59.3	59.4	58.9	56.6	57.7	58.9	58.6	59.4	59.7	61.1	60.7	56.3	59.2	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 (14 monitors). Green represents a decrease of 1dB or more from the same month of the previous year (4 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 2 (1); Site 8 (26); Site 12 (20); Site 21 (2); Site 30 (3); Site 42 (10).
4. The following 44 monitor days were not available due to malfunction: Site 12 (21); Site 14 (1); Site 17 (1-12); Site 21 (24); Site 28 (1-29).
5. Data is included for all days where data is collected for greater than 90% of the day.