

Aircraft Noise Report

Chicago O'Hare International Airport

Period: October 2017

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Oct 16	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values	
		Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17						Oct ¹ 17
1	Arlington Heights	56.5	54.7	55.2	56.1	54.0	57.2	59.6	53.7	58.6	54.4	50.7	59.3	57.9	56.5	63.0	63.0	50.5
2	Melrose Park	62.1	56.3	46.0	50.1	53.9	57.3	57.6	62.1	64.4	58.5	59.4	61.9	60.8	59.7	63.4	61.0	50.3
3	Bensenville	65.0	65.9	64.6	63.8	63.7	63.4	64.2	65.0	64.0	64.6	64.8	64.4	64.5	64.5	71.3	67.3	64.9
4	Schiller Park	59.5	60.8	56.4	55.3	55.8	56.9	58.1	58.5	57.7	57.7	56.5	56.8	58.3	57.8	62.6	62.6	58.8
5	Chicago	60.3	60.5	58.6	59.2	59.1	60.9	61.8	62.1	61.8	61.5	60.2	60.4	60.0	60.7	60.8	59.8	61.9
7	Des Plaines	51.0	51.5	51.7	50.7	49.7	51.5	51.7	51.3	53.3	52.3	51.6	50.6	52.6	51.5	65.4	62.0	48.5
8	Des Plaines	57.2	57.8	55.4	55.4	54.6	55.8	59.0	58.9	60.5	60.7	60.4	59.7	57.2	58.4	70.0	68.8	60.8
10	Rolling Meadows	59.9	58.5	53.1	50.9	52.8	53.5	56.7	55.6	55.9	54.0	54.2	54.6	59.9	55.7	59.0	60.8	48.9
11	Chicago	56.1	54.2	51.8	52.7	52.9	54.9	55.5	54.8	58.4	55.8	54.9	54.3	54.3	55.0	60.9	60.7	50.3
12	Elk Grove Village	59.7	61.5	60.6	61.2	60.4	62.4	64.6	59.3	61.0	57.4	55.9	59.9	59.0	60.8	66.7	62.1	57.6
13	Elk Grove Village	68.3	66.1	63.7	64.4	64.5	67.1	67.3	66.3	68.5	66.0	65.1	65.2	68.1	66.3	80.0	77.6	64.6
14	Elk Grove Village	58.2	59.4	60.6	59.5	58.8	60.1	60.3	--	60.5	56.8	53.0	57.0	60.7	59.0	67.6	65.7	54.5
15	Franklin Park	56.1	55.8	52.4	55.0	50.3	53.5	54.1	52.4	53.3	52.1	51.7	52.1	53.0	53.6	64.1	62.6	53.6
16	Franklin Park	65.2	65.0	64.7	62.3	62.3	61.6	62.2	64.3	63.1	64.5	63.4	64.6	62.4	63.8	72.2	72.1	63.4
17	Harwood Heights	62.8	61.9	63.1	62.4	62.6	63.2	64.6	63.9	64.3	63.6	62.8	63.6	65.3	63.3	66.4	65.4	57.9
19	Stone Park	54.2	54.7	54.0	52.6	54.4	52.6	53.7	53.6	54.2	54.9	52.5	54.5	55.8	53.9	64.7	61.7	51.6
20	Mount Prospect	53.2	53.9	51.8	51.2	51.4	52.5	53.7	52.2	53.1	52.5	49.5	47.2	54.4	52.2	63.5	62.4	49.1
21	Mount Prospect	53.7	50.0	52.8	48.4	49.6	49.1	53.3	53.4	53.7	50.7	49.9	50.0	52.6	51.6	59.6	58.6	53.6
22	Norridge	64.8	63.9	65.2	64.9	64.6	66.0	66.9	66.2	67.3	66.3	65.4	66.4	66.3	65.8	69.2	67.7	59.2
23	Northlake	63.3	63.9	63.0	61.5	62.0	61.3	61.9	63.8	63.4	65.0	64.0	63.4	63.4	63.2	73.5	69.1	59.6
24	Park Ridge	54.3	53.2	49.6	52.0	50.9	54.4	56.5	53.6	56.6	56.3	54.5	55.4	55.8	54.4	60.3	58.8	50.6
25	Park Ridge	63.9	61.8	59.8	62.1	60.8	63.5	64.4	61.6	63.9	63.7	62.4	63.1	64.2	62.8	69.1	61.8	66.7
26	Park Ridge	58.5	57.6	54.4	57.0	55.8	58.8	59.6	57.5	60.0	58.9	57.0	58.5	60.2	58.0	64.0	61.2	59.5
27	Rosemont	71.1	69.2	66.4	69.1	67.4	70.2	70.7	68.6	70.1	69.6	69.3	69.3	70.4	69.4	73.0	67.6	70.2
28	Schiller Park	73.0	--	75.3	74.4	74.0	75.3	75.8	74.8	75.6	74.7	73.7	75.2	--	74.8	79.6	78.7	67.9
29	Wood Dale	67.1	66.5	64.2	65.7	64.9	67.9	67.8	66.9	67.8	67.2	67.2	67.4	67.0	66.9	n/a	n/a	65.1
30	Wood Dale	57.5	58.5	--	59.0	58.9	58.2	58.1	58.8	58.2	57.9	57.4	57.9	56.4	58.3	n/a	n/a	58.5
32	Wood Dale	65.2	66.1	66.2	65.1	65.4	63.7	64.6	66.6	65.6	66.3	66.0	67.4	65.4	65.8	71.2	66.4	63.8
33	Park Ridge	63.4	62.7	61.4	61.8	61.4	61.6	62.5	63.7	63.5	63.8	62.2	63.8	62.9	62.7	n/a	n/a	61.9
34	Elk Grove Village	57.9	59.3	57.7	57.1	57.7	56.9	58.1	60.8	58.6	59.5	57.5	59.9	59.8	58.6	66.3	61.2	61.4
35	Unincorporated Cook	58.8	59.5	58.5	59.0	57.5	57.0	57.5	58.5	58.5	59.5	57.0	59.1	60.4	58.5	70.8	65.4	54.7
37	Mount Prospect	51.1	52.1	47.7	47.6	46.9	47.3	50.4	52.6	55.9	55.8	55.6	52.0	58.6	52.4	55.1	57.0	50.5
42	Chicago	61.7	59.1	57.3	57.7	57.9	58.0	58.7	59.4	60.0	59.9	59.2	59.9	60.7	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 (6 monitors). Green represents a decrease of 1dB or more from the same month of the previous year (14 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 1 (14); Site 3 (24); Site 27 (26).
4. The following 19 monitor days were not available due to malfunction: Site 12 (15-26); Site 20 (14-16, 24); Site 21 (14-15, 31).
5. Data is included for all days where data is collected for greater than 90% of the day.