

Aircraft Noise Report (1 of 2)

Chicago O'Hare International Airport

Period: November 2018

Metric: Aircraft DNL



Site #	Community	Last 12 Months of Monitored Noise Levels											Last Nov 17	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build-Out Values	
		Dec 17	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18						Nov ¹ 18
1	Arlington Heights	53.4	58.3	57.4	56.9	55.7	57.8	54.3	56.8	53.6	53.3	55.1	54.3	55.2	55.9	63.0	63.0	50.5
2	Melrose Park	57.2	58.0	60.4	58.8	63.6	63.4	63.2	63.8	62.4	64.9	62.6	62.6	58.5	62.3	63.4	61.0	50.3
3	Bensenville	64.7	64.4	66.1	61.0	57.3	64.4	62.5	--	--	64.6	65.7	66.6	65.0	64.3	71.3	67.3	64.9
4	Schiller Park	55.0	55.6	56.7	58.2	58.1	58.9	58.0	56.5	57.2	57.9	57.0	56.3	57.9	57.3	62.6	62.6	58.8
5	Chicago	59.3	59.2	58.7	57.6	59.3	60.8	59.7	59.8	59.5	58.4	59.0	58.5	59.9	59.2	60.8	59.8	61.9
7	Des Plaines	53.5	50.6	51.6	52.2	52.3	53.0	53.0	54.1	54.5	52.6	52.9	53.6	52.0	52.9	65.4	62.0	48.5
8	Des Plaines	55.8	56.5	56.7	58.1	58.5	59.6	57.7	57.5	62.9	58.8	58.4	58.7	57.1	58.7	70.0	68.8	60.8
10	Rolling Meadows	50.2	46.6	46.3	45.0	50.1	52.2	51.4	50.3	49.9	48.7	49.9	47.7	51.9	49.5	59.0	60.8	48.9
11	Chicago	51.6	52.1	52.2	55.3	55.2	55.9	55.4	54.5	56.0	55.2	54.6	54.4	53.7	54.6	60.9	60.7	50.3
12	Elk Grove Village	57.8	58.6	58.4	60.4	60.6	61.4	62.3	62.3	60.6	60.8	60.5	59.8	60.0	60.5	66.7	62.1	57.6
13	Elk Grove Village	63.8	62.4	62.9	65.9	65.7	66.2	66.7	65.6	65.6	65.7	64.8	63.6	65.5	65.1	80.0	77.6	64.6
14	Elk Grove Village	58.0	58.0	55.5	54.1	56.3	54.9	54.6	56.9	56.5	54.4	56.8	56.4	57.4	56.2	67.6	65.7	54.5
15	Franklin Park	51.2	50.4	51.8	54.2	53.7	54.2	52.7	51.7	52.7	53.7	53.3	53.1	52.8	52.9	64.1	62.6	53.6
16	Franklin Park	66.3	65.1	63.2	62.5	64.0	63.9	64.6	64.6	64.9	64.6	66.9	66.4	65.6	64.9	72.2	72.1	63.4
17	Harwood Heights	62.9	62.2	61.6	62.2	63.1	63.6	63.8	63.4	63.5	63.5	64.3	62.7	63.8	63.1	66.4	65.4	57.9
18	Norridge	--	57.4	57.7	60.1	60.3	60.6	60.7	59.3	60.1	60.0	59.9	59.3	--	--	n/a	n/a	n/a
19	Stone Park	54.9	54.4	53.2	53.1	53.0	54.4	55.0	55.0	57.8	57.0	58.0	56.1	56.0	55.5	64.7	61.7	51.6

-- Data unavailable.

n/a - Not Applicable

- Red** represents an increase of 1 dB or more from the same month of the previous year (4 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (5 monitors).
- 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 (16 monitors).
- The following 3 monitor-days were excluded due to high community noise values: Site 1 (4); Site 8 (1-2).
- The following 16 monitor-days was not available due to malfunction: Site 1 (25); Site 3(17,26-30); Site 4 (26-30); Site 11 (1-2); Site 12 (25-26).
- Data is included for all days where data is collected for greater than 90% of the day.

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Site #	Community	Last 12 Months of Monitored Noise Levels											Last Nov 17	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build-Out Values	
		Dec 17	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18						Nov ¹ 18
20	Mount Prospect	52.3	55.8	55.7	52.5	54.3	54.5	59.8	57.3	58.5	58.8	59.2	58.9	47.2	57.1	63.5	62.4	49.1
21	Mount Prospect	54.5	52.3	48.3	49.2	50.8	51.4	50.5	57.5	54.7	49.7	50.8	51.0	50.0	52.6	59.6	58.6	53.6
22	Norridge	65.9	64.5	64.0	64.6	65.3	66.4	67.0	65.9	66.2	66.9	66.9	65.7	66.4	65.9	69.2	67.7	59.2
23	Northlake	63.4	63.8	62.8	61.2	61.6	61.8	62.9	62.9	63.2	61.6	64.8	64.4	63.4	63.0	73.5	69.1	59.6
24	Park Ridge	52.2	49.8	49.3	55.1	53.8	56.6	56.2	55.8	57.0	55.6	54.0	55.2	55.4	54.8	60.3	58.8	50.6
25	Park Ridge	62.8	59.1	60.6	63.4	62.8	64.7	63.9	62.9	64.7	64.9	62.9	62.5	63.1	63.2	69.1	61.8	66.7
26	Park Ridge	58.5	56.0	55.8	58.6	57.8	60.1	59.5	58.4	60.0	59.8	58.9	59.1	58.5	58.7	64.0	61.2	59.5
27	Rosemont	69.3	66.2	67.2	70.7	69.9	71.4	71.1	70.0	70.8	71.0	69.6	69.0	69.3	69.9	73.0	67.6	70.2
28	Schiller Park	75.0	74.3	73.9	74.2	75.0	75.7	76.0	75.5	75.8	75.6	74.9	74.5	75.2	75.1	79.6	78.7	67.9
29	Wood Dale	66.0	64.1	63.7	67.8	67.5	68.4	68.5	67.8	67.8	68.3	67.2	67.0	67.4	67.2	n/a	n/a	65.1
30	Wood Dale	58.7	58.1	57.5	57.3	57.8	57.5	56.4	55.9	56.5	56.0	57.6	57.7	57.9	57.3	n/a	n/a	58.5
31	Bensenville	--	--	--	--	--	--	--	--	71.4	71.6	71.4	70.8	--	--	n/a	n/a	n/a
32	Wood Dale	66.4	66.1	65.7	62.2	64.8	64.1	65.0	65.1	64.8	63.3	66.0	64.5	67.4	65.0	71.2	66.4	63.8
33	Park Ridge	63.6	62.9	62.4	61.6	62.5	63.7	64.0	63.9	64.5	63.4	64.4	63.8	63.8	63.5	n/a	n/a	61.9
34	Elk Grove Village	59.1	57.9	57.2	55.8	57.7	58.9	58.2	59.3	59.1	57.1	59.0	57.6	59.9	58.2	66.3	61.2	61.4
35	Unincorporated Cook	59.6	58.7	57.6	55.6	57.0	56.9	56.3	57.7	60.3	57.5	59.3	59.2	59.1	58.2	70.8	65.4	54.7
37	Mount Prospect	52.1	46.9	47.6	49.1	47.0	50.7	50.8	57.7	55.2	50.1	52.4	51.3	52.0	52.1	55.1	57.0	50.5
42	Chicago	60.2	58.5	59.4	59.0	--	--	--	--	60.8	59.6	60.4	58.6	59.9	59.6	n/a	n/a	n/a
44	Itasca	--	--	60.4	66.6	65.6	66.6	66.5	65.1	65.4	66.1	64.7	64.9	--	--	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 (2 monitor). Green represents a decrease of 1dB or more from the same month of the previous year (3 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 (13 monitors).

3. The following 6 monitor-days were excluded due to high community noise values: Site 20 (11); Site 21 (14); Site 25 (4); Site 27 (4); Site 29 (15); Site 42(16).

4. The following 6 monitor-days were not available due to malfunction: Site 20 (25-30).

5. Data is included for all days where data is collected for greater than 90% of the day.