

Aircraft Noise Report (1 of 2)

Chicago O'Hare International Airport

Period: August 2019

Metric: Aircraft DNL



Site #	Community	Last 12 Months of Monitored Noise Levels											Last Aug 18	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build-Out Values	
		Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	June 19	July 19						Aug ¹ 19
1	Arlington Heights	53.3	55.1	54.3	56.1	54.7	57.0	50.5	54.5	--	--	54.9	54.0	53.6	54.7	63.0	63.0	50.5
2	Melrose Park	64.9	62.6	62.6	51.7	52.5	53.4	53.9	56.1	55.4	54.6	54.7	54.8	62.4	58.8	63.4	61.0	50.3
3	Bensenville	64.6	65.7	66.6	65.8	64.6	63.9	65.0	64.6	64.9	65.0	64.0	64.7	--	65.0	71.3	67.3	64.9
4	Schiller Park	57.9	57.0	56.3	56.1	55.4	56.1	56.6	57.0	58.2	57.8	56.0	57.0	57.2	56.9	62.6	62.6	58.8
5	Chicago	58.4	59.0	58.5	59.6	57.8	57.6	59.0	59.7	59.7	59.0	58.3	58.4	59.5	58.8	60.8	59.8	61.9
7	Des Plaines	52.6	52.9	53.6	51.0	52.0	53.4	52.7	52.9	54.0	53.4	53.3	53.7	54.5	53.0	65.4	62.0	48.5
8	Des Plaines	58.8	58.4	58.7	57.6	56.9	58.0	58.7	57.9	58.1	57.1	56.2	56.1	62.9	57.8	70.0	68.8	60.8
10	Rolling Meadows	48.7	49.9	47.7	49.5	45.5	45.8	47.6	48.1	48.6	49.9	50.3	49.0	49.9	48.6	59.0	60.8	48.9
11	Chicago	55.2	54.6	54.4	53.2	53.3	53.3	54.6	55.6	56.1	55.7	55.8	54.9	56.0	54.8	60.9	60.7	50.3
12	Elk Grove Village	60.8	60.5	59.8	59.2	59.3	--	57.5	59.5	60.3	--	58.8	59.2	60.6	59.6	66.7	62.1	57.6
13	Elk Grove Village	65.7	64.8	63.6	63.0	62.6	64.5	63.4	65.3	65.7	66.0	65.3	66.0	65.6	64.8	80.0	77.6	64.6
14	Elk Grove Village	54.4	56.8	56.4	55.5	57.1	58.0	57.7	57.2	56.3	54.9	55.9	56.8	56.5	56.5	67.6	65.7	54.5
15	Franklin Park	53.7	53.3	53.1	53.0	52.8	53.0	52.5	53.1	53.8	52.5	51.8	51.3	52.7	52.9	64.1	62.6	53.6
16	Franklin Park	64.6	66.9	66.4	66.2	64.5	63.7	65.2	64.1	62.4	63.8	63.3	64.0	64.9	64.8	72.2	72.1	63.4
17	Harwood Heights	63.5	64.3	62.7	62.1	61.3	61.3	62.8	62.4	63.7	62.8	62.6	62.6	63.5	62.8	66.4	65.4	57.9
18	Norridge	60.0	59.9	59.3	58.2	57.8	58.3	59.9	60.9	60.9	60.7	60.6	59.9	60.1	59.8	n/a	n/a	n/a
19	Stone Park	57.0	58.0	56.1	55.8	55.5	55.6	56.1	56.2	56.0	55.4	53.9	55.2	57.8	56.0	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 (0 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (7 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 2 monitor-days were excluded due to high community noise values: Site 3 (8); Site 8 (28).
- The following 35 monitor-days was not available due to malfunction: All (6,7); Site 12 (14).
- Data is included for all days where data is collected for greater than 90% of the day.

Aircraft Noise Report (2 of 2)

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Site #	Community	Last 12 Months of Monitored Noise Levels											Last Aug 18	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build-Out Values	
		Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	June 19	July 19						Aug ¹ 19
20	Mount Prospect	58.8	59.2	58.9	52.3	--	52.5	53.1	53.0	54.3	54.4	53.4	53.2	58.5	55.7	63.5	62.4	49.1
21	Mount Prospect	49.7	50.8	51.0	48.7	49.7	51.7	51.4	52.5	53.0	52.9	51.7	51.4	54.7	51.4	59.6	58.6	53.6
22	Norridge	66.9	66.9	65.7	64.8	64.3	64.1	65.4	65.6	66.9	66.4	65.8	65.9	66.2	65.8	69.2	67.7	59.2
23	Northlake	61.6	64.8	64.4	65.0	62.7	62.1	64.4	63.5	61.7	62.7	61.8	62.0	63.2	63.2	73.5	69.1	59.6
24	Park Ridge	55.6	54.0	55.2	55.2	53.7	55.8	59.2	62.6	--	--	--	--	57.0	57.5	60.3	58.8	50.6
25	Park Ridge	64.9	62.9	62.5	62.3	61.4	62.9	62.8	65.0	65.2	64.9	63.9	65.4	64.7	63.9	69.1	61.8	66.7
26	Park Ridge	59.8	58.9	59.1	57.9	56.7	58.4	59.3	59.4	61.1	60.6	59.1	59.4	60.0	59.3	64.0	61.2	59.5
27	Rosemont	71.0	69.6	69.0	68.6	68.1	70.1	69.9	70.9	71.9	71.8	70.4	71.2	70.8	70.4	73.0	67.6	70.2
28	Schiller Park	75.6	74.9	74.5	72.9	73.5	72.6	73.8	74.0	74.9	74.9	74.6	75.2	75.8	74.4	79.6	78.7	67.9
29	Wood Dale	68.3	67.2	67.0	66.1	65.0	66.5	66.5	67.5	68.4	68.5	67.5	68.4	67.8	67.4	n/a	n/a	65.1
30	Wood Dale	56.0	57.6	57.7	57.7	56.1	57.0	56.6	57.9	58.4	57.3	56.6	56.7	56.5	57.2	n/a	n/a	58.5
31	Bensenville	71.6	71.4	70.8	70.7	69.1	70.9	70.7	71.3	72.9	72.9	71.9	72.2	71.4	--	n/a	n/a	n/a
32	Wood Dale	63.3	66.0	64.5	64.9	62.9	63.4	64.4	64.0	64.8	64.9	64.5	63.5	64.8	64.3	71.2	66.4	63.8
33	Park Ridge	63.4	64.4	63.8	64.8	64.3	64.6	65.0	65.0	64.5	64.7	63.9	63.2	64.5	64.3	n/a	n/a	61.9
34	Elk Grove Village	57.1	59.0	57.6	58.1	56.4	57.2	57.7	58.2	58.6	58.0	--	56.1	59.1	57.7	66.3	61.2	61.4
35	Unincorporated Cook	57.5	59.3	59.2	58.8	56.2	56.9	58.3	57.8	57.0	57.2	58.0	57.9	60.3	57.9	70.8	65.4	54.7
37	Mount Prospect	50.1	52.4	51.3	48.7	47.8	52.0	51.5	52.7	53.2	50.6	52.7	52.3	55.2	51.5	55.1	57.0	50.5
42	Chicago	59.6	60.4	58.6	58.7	56.6	57.2	58.5	58.0	59.4	59.3	58.3	58.5	60.8	58.7	n/a	n/a	n/a
44	Itasca	66.1	64.7	64.9	63.5	62.7	64.8	64.4	65.8	66.7	66.5	65.1	66.3	65.4	65.3	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 (0 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (9 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 1 monitor-day was excluded due to high community noise values: Site 23 (21).
4. The following 77 monitor-days were not available due to malfunction: All (6,7); Site 24 (All); Site 31 (15); Site 33 (22-31).
5. Data is included for all days where data is collected for greater than 90% of the day.