

Aircraft Noise Report - Long Term Portable Noise Monitors

Chicago O'Hare International Airport

Period: December 2017

Metric: Aircraft DNL



Site	Community	Monitored Noise Levels												Average
		Jan 08	Feb 08	Mar 08	Apr 08	May 08	June 08	July 08	Aug 08	Sep 08	Oct 08	Nov 08	Dec 08	
C	Itasca										60.9	60.3	58.3	60.0
		Jan 09	Feb 09	Mar 09	Apr 09	May 09	Jun 09	Jul 09	Aug 09	Sep 09	Oct 09	Nov 09	Dec 09	2009
		54.8	59.6	62.9	63.4	59.5	61.0	58.9	---	---	---	62.4	58.8	60.8
		Jan 10	Feb 10	Mar 10	Apr 10	May 10	Jun 10	Jul 10	Aug 10	Sep 10	Oct 10	Nov 10	Dec 10	2010
		56.8	59.4	64.6	61.1	64.0	62.8	61.7	61.0	61.3	61.3	60.8	58.1	61.6
		Jan 11	Feb 11	Mar 11	Apr 11	May 11	Jun 11	Jul 11	Aug 11	Sep 11	Oct 11	Nov 11	Dec 11	2011
		57.9	61.1	63.8	63.7	64.1	64.9	64.4	---	---	60.5	62.9	---	63.0
		Jan 12	Feb 12	Mar 12	Apr 12	May 12	Jun 12	Jul 12	Aug 12	Sep 12	Oct 12	Nov 12	Dec 12	2012
		---	---	63.0	64.7	63.8	62.3	63.6	62.4	63.1	62.1	61.0	60.0	62.8
		Jan 13	Feb 13	Mar 13	Apr 13	May 13	Jun 13	Jul 13	Aug 13	Sep 13	Oct 13	Nov 13	Dec 13	2013
		57.0	60.3	61.9	62.0	64.8	64.2	62.2	62.8	63.1	61.2	59.8	--	62.2
		Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	2014
		56.6	58.3	63.0	64.7	65.9	65.1	64.2	65.1	63.5	64.0	61.0	62.4	63.5
		Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	2015
		61.9	61.2	64.6	65.9	65.4	66.5	66.9	63.0	64.3	65.4	64.5	64.2	64.8
		Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	2016
		61.6	64.1	66.0	67.1	66.5	--	63.2	63.7	63.6	63.5	62.3	59.3	64.2
Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	2017		
--	--	64.0	65.1	64.6	63.3	66.4	64.1	63.6	63.7	62.7	59.5	64.0		
D	Chicago	Jan 13	Feb 13	Mar 13	Apr 13	May 13	Jun 13	Jul 13	Aug 13	Sep 13	Oct 13	Nov 13	Dec 13	2013
											58.9	57.6	58.3	
		Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	2014
		56.0	54.0	57.4	57.6	58.4	58.9	60.3	58.3	60.2	60.2	60.5	59.9	58.8
		Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	2015
		58.8	56.0	58.6	59.5	60.4	60.0	59.5	59.7	58.3	57.9	58.2	59.2	59.0
		Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	2016
		59.1	59.2	59.7	58.6	59.6	60.2	60.2	59.9	57.4	59.7	60.4	58.2	59.4
		Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	2017
59.0	59.3	58.2	58.3	58.2	60.2	58.6	59.7	58.3	60.4	60.1	60.4	59.3		

--- No data due to monitor malfunction

Site C is currently located at 220 E. Blomingdale Road, Itasca. Distance to center of airport = 5.5 miles. Distance to threshold of Runway 10C/28C = 4.1 miles.

Site D is located at 5801 N. Pulaski Road, Building K, Chicago. Distance to center of airport = 9.6 miles. Distance to threshold of Runway 9R/27L = 8.7 miles.













O'Hare International Airport

**Projected Noise Changes
at OMP Build-Out**

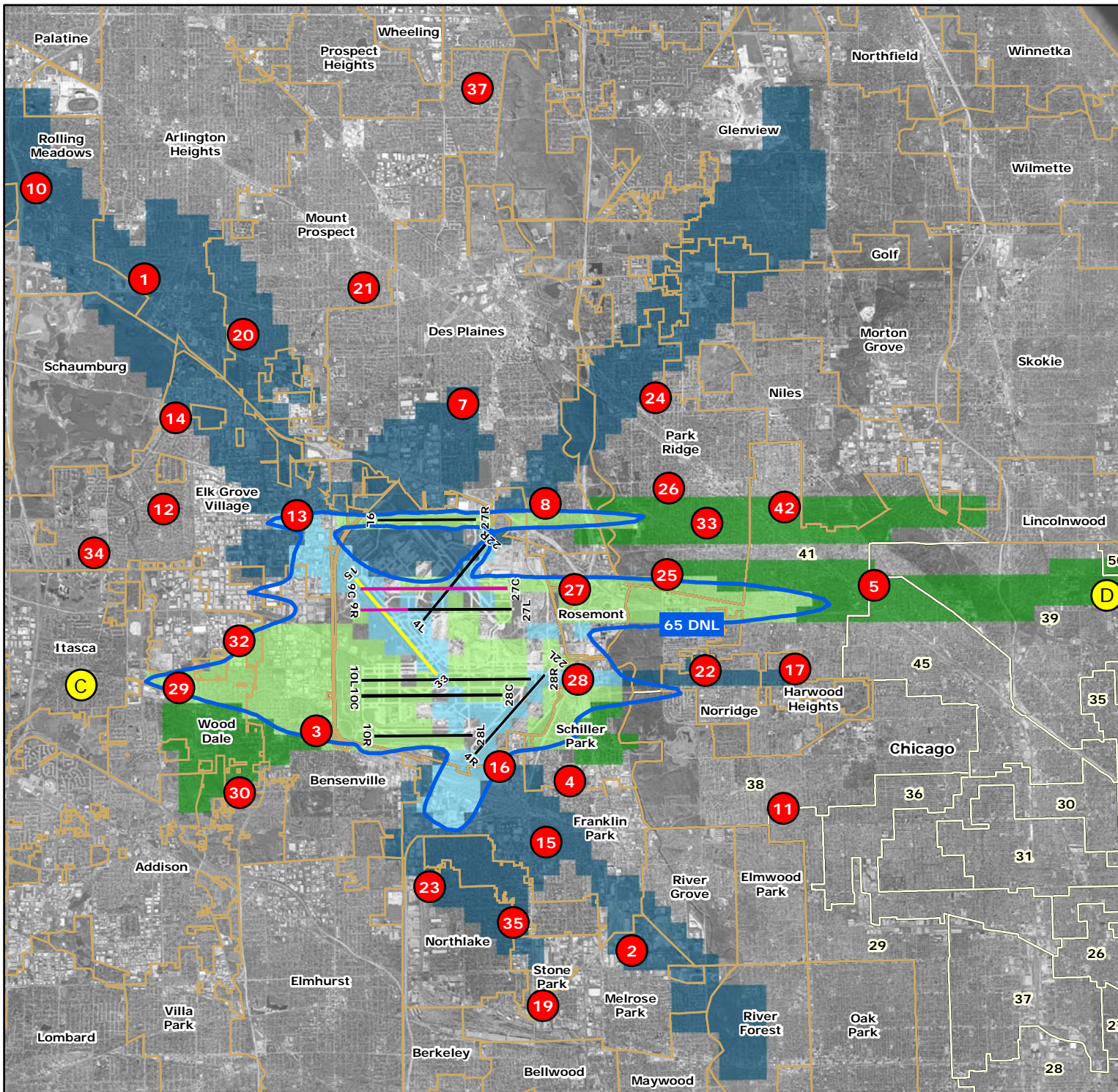
City of Chicago
Rahm Emanuel, Mayor

Department of Aviation
Ginger S. Evans, Commissioner

Legend

-  Permanent Noise Monitors (33)
-  Long Term Portable Noise Monitor Site (2)
-  Existing Runways
-  Existing Runway to be Decommissioned
-  Future Runways
-  O'Hare Modernization Program Build-Out Noise Contour (65 DNL)
-  Projected Areas of Aircraft Noise Decreasing 3.0dB and Greater¹
-  Projected Areas of Aircraft Noise Decreasing 1.5dB to 3.0 dB¹
-  Projected Areas of Aircraft Noise Increasing 1.5dB to 3.0dB¹
-  Projected Areas of Aircraft Noise Increasing 3.0dB and Greater¹
-  Chicago Ward Boundaries
-  Community Boundaries

¹ O'Hare Modernization Program Final Environmental Impact Statement, Appendix F, Build-Out - Exhibit 19, Page F-244



Note: Noise Contour and shading represents projections at OMP Build-Out, currently scheduled for 2021.