

Aircraft Noise Report - Long Term Portable Noise Monitors

Chicago O'Hare International Airport

Period: August 2018

Metric: Aircraft DNL



Site	Community	Monitored Noise Levels											Average	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		Dec
D	Chicago	13	13	13	13	13	13	13	13	13	13	13	13	2013
												58.9	57.6	58.3
		14	14	14	14	14	14	14	14	14	14	14	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
		15	15	15	15	15	15	15	15	15	15	15	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
		16	16	16	16	16	16	16	16	16	16	16	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
		17	17	17	17	17	17	17	17	17	17	17	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
		18	18	18	18	18	18	18	18	18	18	18	18	2018
		60.1	59.2	56.6	58.2	59.4	59.7	60.3	60.0					59.3

--- No data due to monitor malfunction

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.












Chicago O'Hare International Airport

Permanent Noise Monitor Locations

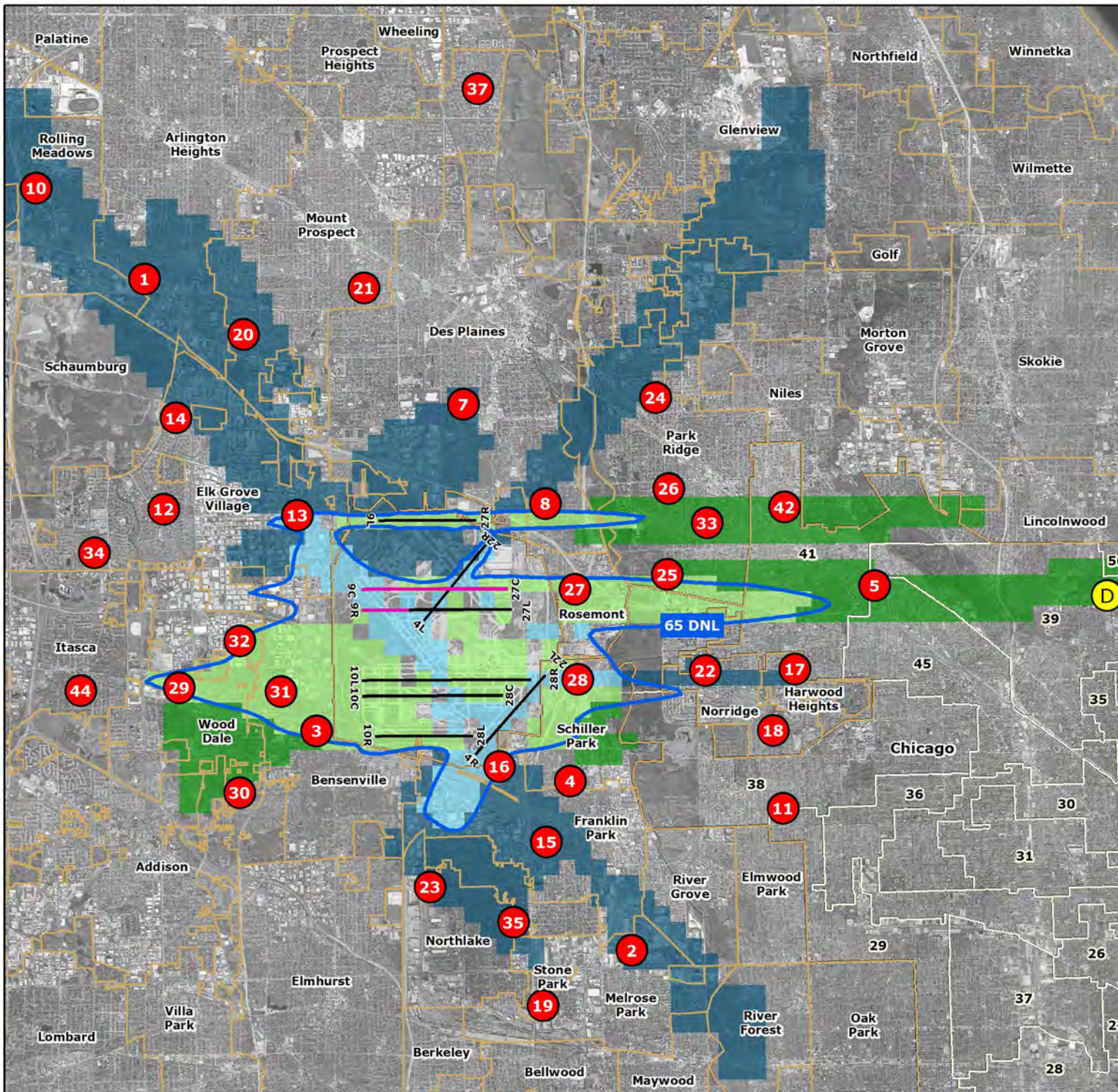
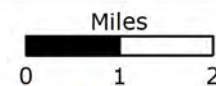
City of Chicago

Rahm Emanuel, Mayor
 Jamie L. Rhee, Commissioner of Aviation

Legend

-  Permanent Noise Monitors (36)
-  Long Term Portable Noise Monitor Site (1)
-  Existing Runways
-  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.