

Quarterly Noise Report

For the California Department of Transportation

Fourth Quarter – Calendar Year 2022



SAN DIEGO
INTERNATIONAL AIRPORT
LET'S **GO.**

Aircraft Noise Mitigation


April 25, 2023

Q4 2022 Quarterly Noise Report

October 1 through December 31, 2022

The California Department of Transportation, Division of Aeronautics, granted a Variance from the requirements of Section 5012, Chapter 2.5, Subchapter 6, Title 21, of the California Administrative Code to the San Diego County Regional Airport Authority (Airport Authority) for the operation of San Diego International Airport (SDIA) on September 2, 2019.

This Quarterly Report was prepared by Aircraft Noise Staff at San Diego International Airport, in accordance with the Airport Noise Standards, State of California.


Sjohnna Knack (Apr 25, 2023 12:47 PDT)

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Interim Director of Planning &
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Kimberly J. Becker

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President/CEO

Summary of Statistical Information for the California Department of Transportation

1. Size of Noise Impact Area as defined in the Noise Standards for the Quarter (California Code of Regulations, Title 21, Chapter 2.5, Subchapter 6)
 - Noise Impact Area (N.I.A) – 0.334 Square Miles (213.76 Acres)
 - Federal Military Impact Area (F.M.I.A.) – 0.131 Square Miles (83.84 Acres)

2. Estimated number of population and dwelling units within the Noise Impact Area as defined in the Noise Standards: ¹
 - Dwelling Units – 2,690 (Population – 5,689)

3. Number of Noise Complaints and Households during the Calendar Quarter:
 - 17,930 Complaints (104 Households)

4. Aircraft type having the greatest takeoff noise level operating at this Airport together with the estimated number of operations by this aircraft type during the calendar quarter reporting period:
 - Airbus A332 (182 Operations)

5. Number of Air Carrier Operations during the Calendar Quarter: ² 47,370

6. Percentage of Air Carrier Aircraft Stage 3 or Better:
 - 100%

7. Number of Air Taxi Operations during the Calendar Quarter: 4,070

8. Number of General Aviation Operations during the Calendar Quarter: 2,679

9. Number of Military Operations during the Calendar Quarter: 317

10. Total number of Airport Operations during the Calendar Quarter: 54,436

Reference form DOA 617, 10/89.

¹ Population and dwelling unit calculations are based upon 2020 Census Block Boundary Data.

² Airport Operation counts are taken from the FAA Air Traffic Activity Data System (ATADS)

<https://aspm.faa.gov/opsnet/sys/Airport.asp>

Noise Impact Areas

Using data generated from the Airport Noise and Operations Monitoring System (ANOMS) and Geographic Information System (GIS), the Airport Noise consultant Harris, Miller, Miller & Hanson Inc. (HMMH) developed the Noise Contour and determined the current Noise Impact Area (N.I.A.) and the Federal Military Impact Area (F.M.I.A.). Table 1 below contains square mile area for the Quarter compared to the same period last year.

Table 1

Impact Area	Q4 2022	Q4 2021	Change
N.I.A.	0.334	0.175	0.159
F.M.I.A	0.131	0.087	0.044

Noise Contour

The Noise Contour on the subsequent page is prepared for the Airport Authority by their consultant HMMH Inc., using their RealContours for Aviation Environmental Design Tool (AEDT) software. AEDT is a state of the art software system that models aircraft performance in space and time to estimate fuel consumption, emissions, noise, and air quality consequences. The extents of the contours are adjusted based on actual noise measurements from permanent noise monitors to meet Section 5032 of the California Noise Standards.

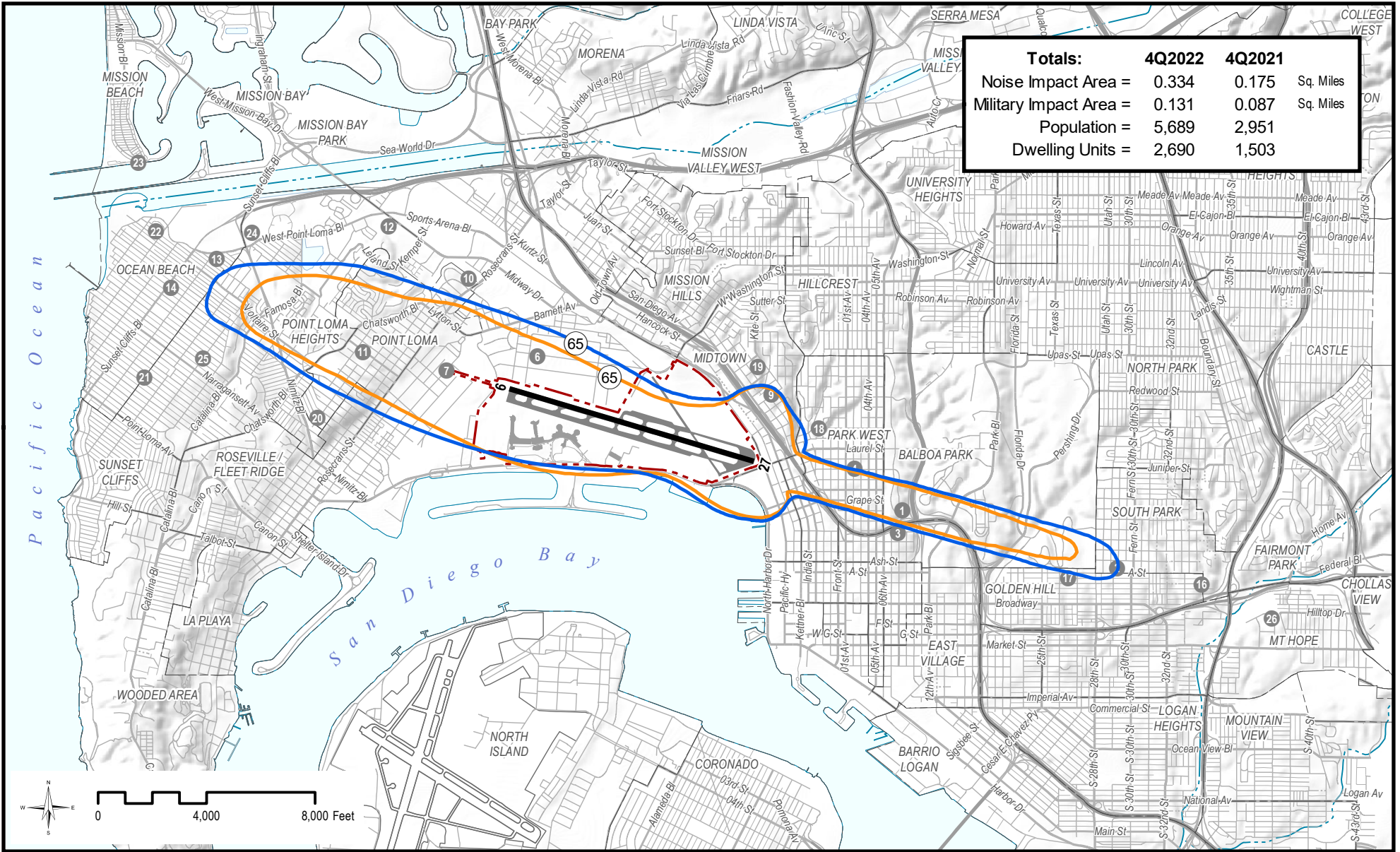
The use of GIS technology allows for direct counting of individual parcels within the Noise Contour. The modeling methodology fulfills the requirements of the State of California, Title 21, California Noise Standards. A review of measured and modeled noise levels indicate good agreement between several key measurement locations.

This was the fourth contour, since the COVID-19 pandemic, that increased in size. Key observations, when reviewing the Airport Noise & Operations Monitoring System data, contributing to the increase are listed below. The analysis is based on a rolling 12-month comparison between 4th Quarter, 2021 (January 1, 2021 – December 31, 2021) and the 4th Quarter, 2022 (January 1, 2022 – December 31, 2022).

- Total operations increased by 30%.
- Evening Operations (7:00 p.m. – 10:00 p.m.) increased by 25% and Nighttime Operations (10:00 p.m. – 7:00 a.m.) increased by 52%. These operations are weighted heavier in the model and were a significant reason for the increased size of the contour.

- Overall use of narrow-body Airbus aircraft like A319, 320, 321 and A220 increased by 41%. Similarly, the use of narrow-body Boeing aircraft like B737, B757, increased by 42%.

While the size of the 65 dB Noise Contour continues to increase, the rate of increase is slowing down as operations normalize to pre-pandemic levels.



Totals:	4Q2022	4Q2021	
Noise Impact Area =	0.334	0.175	Sq. Miles
Military Impact Area =	0.131	0.087	Sq. Miles
Population =	5,689	2,951	
Dwelling Units =	2,690	1,503	



- 2022 4th Quarter 65 dB CNEL Contour
- 2021 4th Quarter 65 dB CNEL Contour
- Airport Property
- Runway
- RMT Site Location
- Roads
- River / Stream

Comparison of the 2021 and 2022 Fourth Quarter 65 dB Community Noise Equivalent Level (CNEL) Contours



Community Sound Insulation Program

Per the requirements of the Airport's Variance agreement, the Airport Authority is the sponsor to an active Community Sound Insulation Program, also known as the Quieter Home Program (QHP). In 2020, the Airport also initiated a non-residential sound insulation program. One of the facilities has been completed, and the QHP team is currently working on the second non-residential facility. Funding for the program is provided by grants awarded from the Airport Improvement Plan (AIP) component of the FAA's Airport and Airway Trust Fund (AATF), Airport Operating Revenues, and fines imposed for non-compliance with Airport Authority Code 9.40, Airport Use Regulations. Contours used for QHP eligibility are based on FAA-accepted Noise Exposure Maps as part of the Part 150 Noise Compatibility Program.

To date, QHP has completed 5,116 homes with a current waitlist of 610 units.

Aircraft Noise Complaints

During the Quarter, the Aircraft Noise Office received a total of 22,150 complaints from 129 households. Where possible, complaints are correlated with a specific flight and examined for validity. Complaints are tabulated and reported on the Authority website on a monthly basis. This information can be retrieved by visiting the following website:

<https://public.tableau.com/profile/noise.disclosure#!/vizhome/SANQHPDashboard/SANQHP>

Quarterly Airport Operations Statistics

The Federal Aviation Administration captures Air Traffic Control Tower Counts on a monthly basis, in its Air Traffic Activity Data System (ATADS) database. ATADS data is typically available to the public by the third week of the following month.

Current and historical operations data can be extracted at the following website: <https://aspm.faa.gov/opsnet/sys/Airport.asp>. Table 2, below, contains statistics of itinerant aircraft operations by FAA category for the Calendar Year Quarter compared to the same period last year.

Table 2

Operations	4th Quarter 2022	4th Quarter 2021	Net Change	Percent Change
Air Carrier	47,370	38,051	9,319	24.5%
Air Taxi	4,070	3,873	197	5.1%
General Aviation	2,679	3,186	(507)	-15.9%
Military	317	253	64	25.3%
Total	54,436	45,363	9,073	20.0%

Airport Use Regulations

Airport Authority Code 9.40, Airport Use Regulations, defines Time of Day Use Restrictions (Curfew) for all Airport operators at SDIA. The Regulations restrict daily departures between the hours of 11:30 p.m. and 6:30 a.m. the following morning for Stage 3 (or better) compliant aircraft, and between 10:00 p.m. and 7:00 a.m. for non-complaint aircraft. Additionally, Air Carriers are only permitted to publish scheduled gate departure times between the hours 6:15 a.m. and 11:15 p.m., daily. Medical Evacuation/Lifeguard departures are exempt from the Restrictions.

Curfew violations are reported to the Curfew Violation Review Panel (CVRP) comprised of three (3) staff members appointed by the Executive Leadership Team of the Authority. The membership includes one (1) representative from each of the following Divisions: Airport Operations, Airport Development, and Finance. The Panel examines data and documentation collected during an investigation of alleged violations, and makes recommendations to the Program Manager, Aircraft Noise, for the disposition of the violation.

Monetary fine levels, associated with the Airport Use Regulations, are based on the number of violations in the two evaluation periods (January through June and July through December each year). The fines are subject to a multiplier for each penalized violation in the previous evaluation period. The base fines are \$2,000 for the first penalized violation, \$6,000 for the second penalized violation, and \$10,000 for each subsequent violation in the given evaluation period. If a carrier has a fined violation in the previous evaluation period, the base fine is multiplied by the number of penalized violations in the previous evaluation period.

Example:

An operator has two (2) fined violations in the January through June period. If they have a violation between July and December, the base fine level of \$2,000 would increase to \$4,000, a second violation increases from \$6,000 to \$12,000 and a third or any subsequent violations increases from \$10,000 to \$20,000.

During the Quarter, there were 25 curfew violations, with imposed fines totaling \$254,000.

Airport Noise Advisory Committee (ANAC)

The Airport Authority recognizes that neighborhoods surrounding SAN are affected by noise from aircraft operations. An Airport Noise Advisory Committee (ANAC), consisting of individuals from various organizations, residential areas, and professional associations, was formed in 1981 under the San Diego Unified Port District (SDUPD), previous proprietor of San Diego International Airport. ANAC is formally adopted as Airport Authority Policy 9.20.

Further information regarding Airport Noise Advisory Committee can be found at the following website:

<https://www.san.org/Airport-Noise/Initiatives>

Quarterly and Annual CNEL Data

A summary of the Quarterly and Annual CNEL data is shown in Table 3 below. The levels are calculated utilizing the data found in the Airport Noise & Operations Monitoring System (ANOMS) section, which captures the Remote Monitoring Terminals (RMT) thresholds and Daily/Monthly CNEL Logs.

Table 3

RMT #	Quarter CNEL (dB)	Annual CNEL (dB)
1	69.7	69.6
2	65.6	65.4
3	67.0	65.9
4	64.8	64.5
6	69.1	68.5
7	74.1	73.9
9	66.6	66.3
10	63.1	63.0
11	70.3	70.2
12	60.9	60.5
13	64.8	64.6
14	63.8	63.8
16	64.1	63.7
17	64.2	64.1
18	60.8	59.4
19	63.7	63.6
20	60.2	60.0
21	56.6	56.5
22	63.1	62.9
23	61.4	61.2
24	63.6	63.2
25	60.6	60.3
26	62.6	62.5

Notes:

- Annual CNEL data is a rolling 12-month period.
- RMTs #5, #8 and #15 are no longer operational as the noise impact boundary has decreased in size.

Single Event Noise Exposure Level (SENEL) Comparison

The average Single Event Noise Exposure Level (SENEL) of the loudest 25% of the Operations Survey is shown in Table 4 below. SENEL levels went up due to an increase in the overall number of operations (Arrivals and Departures), as compared to the same time last year.

Table 4

	Q4 2022	Q4 2021	Change (dB)
Arrivals	95.9	93.8	2.15
Departures	101.4	99.1	2.29

The data used to compile this section of the report is captured by reviewing the entire quarter to determine the loudest aircraft. The supporting data is listed in Tables 5 through 7 on subsequent pages. Tables 5 and 6 show top 25% of operations during the capture period. Table 7 contains the average daily operations by runway, time of day, operation type, and aircraft type.

Table 5

Quarterly SENEL Survey – Arrivals (RMT #1) – October – December, 2022

Aircraft Type	SENEL (dB)	Origin	Flight Number	Date and Time
B763	99.1	MEM	FDX979	12/29/2022 5:35 PM
B763	98.2	MEM	FDX906	11/26/2022 5:20 PM
B763	98.1	MEM	FDX1422	12/28/2022 7:08 AM
B763	97.9	MEM	FDX1422	12/6/2022 6:23 AM
A306	97.7	IND	FDX3713	12/3/2022 6:48 PM
B763	97.5	MEM	FDX906	11/1/2022 5:17 PM
MD83	97.5	ELP	WAL201	11/29/2022 1:49 PM
B752	97.5	ATL	DAL809	12/12/2022 10:05 AM
B763	97.2	SDF	UPS922	11/16/2022 5:17 AM
B738	97.1	SJC	SWA1045	11/25/2022 6:15 PM
A321	96.9	CLT	AAL1740	12/2/2022 7:40 PM
B752	96.8	JFK	DAL350	11/29/2022 12:06 PM
MD83	96.7	ELP	WAL201	11/19/2022 2:17 PM
B764	96.7	ATL	DAL868	12/12/2022 11:34 AM
B763	96.7	SDF	UPS2636	12/28/2022 6:31 PM
A332	96.3	HNL	HAL16	11/8/2022 8:53 PM
A332	96.3	HNL	HAL16	11/19/2022 8:02 PM
B763	96.3	SDF	UPS2636	12/5/2022 5:28 PM
B763	95.9	IND	FDX1754	11/9/2022 5:40 AM
MD83	95.9	ELP	WAL201	11/25/2022 1:38 PM
A306	95.9	IND	FDX2754	12/14/2022 10:53 AM
A332	95.9	HNL	HAL16	12/19/2022 9:10 PM
B763	95.9	MEM	FDX979	12/28/2022 5:54 PM
A306	95.9	OAK	FDX1889	12/31/2022 4:00 AM
B763	95.8	SDF	UPS2636	10/11/2022 4:56 PM
B763	95.8	SDF	UPS922	10/14/2022 5:23 AM
B753	95.8	ATL	DAL868	10/15/2022 12:05 PM
MD11	95.8	SAT	FDX9798	10/26/2022 10:49 AM
B752	95.8	OAK	FDX1889	11/9/2022 4:09 AM
A306	95.8	IND	FDX2754	12/6/2022 10:44 AM
B739	95.8	SEA	ASA1478	12/11/2022 6:45 PM
A306	95.8	OAK	FDX1889	12/14/2022 4:16 AM
B738	95.7	PHX	SWA2135	10/15/2022 11:15 PM
B737	95.7	SMF	SWA2512	11/8/2022 7:58 PM
B739	95.7	SEA	ASA1176	11/11/2022 2:44 PM
B739	95.7	PDX	ASA1443	12/12/2022 9:48 AM
B763	95.5	MEM	FDX906	10/1/2022 5:56 PM
B763	95.5	SDF	UPS2636	10/12/2022 5:05 PM
B763	95.5	IND	FDX1754	11/16/2022 5:40 AM

Table 5 – Continued

Quarterly SENEL Survey – Arrivals (RMT #1) – October – December, 2022

Aircraft Type	SENEL (dB)	Origin	Flight Number	Date and Time
B763	95.4	JFK	DAL350	10/8/2022 1:41 PM
B763	95.4	MEM	FDX906	10/12/2022 6:27 PM
B763	95.4	IND	FDX1754	10/20/2022 5:10 AM
B763	95.4	IND	FDX1754	11/3/2022 5:27 AM
B738	95.4	DAL	SWA3825	11/8/2022 9:51 PM
B737	95.4	DEN	SWA1761	12/24/2022 1:04 PM
B763	95.4	SDF	UPS2636	12/29/2022 5:04 PM
B753	95.3	ATL	DAL868	10/4/2022 11:08 AM
B763	95.3	MEM	FDX1422	10/12/2022 5:39 AM
B763	95.3	MEM	FDX906	10/16/2022 5:30 PM
B763	95.3	SDF	UPS922	11/1/2022 5:00 AM
B737	95.3	LAS	SWA1460	11/8/2022 8:47 PM
B763	95.3	SDF	UPS922	11/29/2022 5:31 AM
B763	95.2	MEM	FDX1456	10/29/2022 5:19 AM
B739	95.2	DEN	UAL416	12/12/2022 9:31 AM
B763	95.2	JFK	DAL338	12/28/2022 7:56 PM
B763	95.1	MEM	FDX906	10/13/2022 5:22 PM
B763	95.1	SDF	UPS922	10/20/2022 4:47 AM
B763	95.1	SDF	UPS922	10/26/2022 5:19 AM
B763	95.1	MEM	FDX906	11/2/2022 5:17 PM
B763	95.1	MEM	FDX1422	11/9/2022 5:49 AM
B763	95.1	MEM	FDX906	11/9/2022 4:57 PM
MD83	95.1	ELP	WAL201	11/28/2022 1:46 PM
E170	95.1	LAX	SKW4176	12/5/2022 12:17 PM
B763	95.1	MEM	FDX979	12/6/2022 5:51 PM

Table 6

Quarterly SENEL Survey – Departures (RMT #7) – October – December, 2022

Aircraft Type	SENEL (dB)	Destination	Flight Number	Date and Time
A332	102.9	HNL	HAL15	12/11/2022 8:08 AM
A332	102.9	HNL	HAL15	12/16/2022 8:00 AM
A332	102.5	HNL	HAL15	10/28/2022 10:17 AM
A332	102.4	HNL	HAL15	11/28/2022 8:28 AM
A332	102.2	HNL	HAL15	10/26/2022 9:47 AM
A321	102.0	CLT	AAL1651	12/22/2022 6:45 AM
A332	102.0	HNL	HAL15	12/21/2022 8:54 AM
B739	102.0	EWR	UAL2234	12/23/2022 11:28 PM
A321	102.0	MSP	DAL914	11/14/2022 6:34 AM
A332	101.8	HNL	HAL15	10/21/2022 8:19 AM
B739	101.8	ORD	UAL2325	11/12/2022 10:48 AM
A332	101.7	HNL	HAL15	11/16/2022 7:59 AM
A332	101.6	HNL	HAL15	11/29/2022 8:53 AM
A321	101.6	MIA	AAL2578	10/29/2022 11:00 PM
B739	101.6	SEA	ASA1133	12/22/2022 6:32 AM
B739	101.6	EWR	UAL1496	11/12/2022 7:35 AM
B738	101.6	IAD	UAL1920	10/1/2022 8:17 AM
A332	101.6	HNL	HAL15	12/22/2022 8:24 AM
A332	101.6	HNL	HAL15	10/15/2022 8:16 AM
B737	101.5	SJC	SWA3660	11/10/2022 2:22 PM
A332	101.5	HNL	HAL15	10/5/2022 11:21 AM
A332	101.5	HNL	HAL15	11/18/2022 8:37 AM
B738	101.5	IAD	UAL1920	10/4/2022 8:32 AM
A332	101.5	HNL	HAL15	10/27/2022 10:56 AM
A321	101.5	CLT	AAL544	12/10/2022 10:03 AM
A321	101.4	CLT	AAL1651	10/3/2022 7:42 AM
A332	101.4	HNL	HAL15	12/30/2022 8:28 AM
A332	101.4	HNL	HAL15	11/14/2022 8:15 AM
A332	101.4	HNL	HAL15	10/10/2022 8:26 AM
A332	101.4	HNL	HAL15	12/31/2022 8:14 AM
B738	101.4	EWR	UAL517	11/3/2022 9:45 PM
A332	101.4	HNL	HAL15	10/1/2022 8:10 AM
A321	101.4	DTW	DAL744	12/15/2022 10:50 PM
A321	101.3	DTW	DAL977	11/12/2022 7:59 AM
A332	101.3	HNL	HAL15	10/30/2022 8:12 AM
A332	101.3	HNL	HAL15	11/30/2022 8:32 AM
B738	101.3	EWR	UAL1041	10/21/2022 12:10 PM
B739	101.3	EWR	UAL2061	10/24/2022 7:50 AM
B739	101.2	EWR	UAL2061	10/27/2022 8:07 AM

Table 6 – Continued

Quarterly SENEL Survey – Departures (RMT #7) – October – December, 2022

Aircraft Type	SENEL (dB)	Destination	Flight Number	Date and Time
A321	101.2	ATL	DAL1198	10/12/2022 10:39 PM
B739	101.2	IAD	UAL2129	10/6/2022 9:48 PM
A332	101.2	HNL	HAL15	11/19/2022 9:25 AM
B739	101.2	JFK	ASA180	10/12/2022 7:36 AM
B738	101.2	HNL	ASA895	10/31/2022 9:39 AM
A332	101.2	HNL	HAL15	10/18/2022 8:28 AM
A321	101.1	CLT	AAL2935	10/6/2022 2:42 PM
B739	101.1	EWR	UAL2061	10/26/2022 7:48 AM
A321	101.1	ATL	DAL820	10/17/2022 6:37 AM
B739	101.1	KOA	ASA899	12/13/2022 7:19 AM
B739	101.1	EWR	UAL598	12/31/2022 6:33 AM
A332	101.1	HNL	HAL15	10/16/2022 8:23 AM
B738	101.0	IAD	UAL1920	10/13/2022 8:26 AM
B739	101.0	EWR	UAL2061	10/9/2022 8:32 AM
B739	101.0	EWR	UAL1496	10/31/2022 7:31 AM
A332	101.0	HNL	HAL15	12/20/2022 8:45 AM
A332	101.0	HNL	HAL15	11/7/2022 8:03 AM
A321	101.0	CLT	AAL797	10/25/2022 10:32 PM
A332	101.0	HNL	HAL15	10/12/2022 8:33 AM
A332	101.0	HNL	HAL15	10/4/2022 8:25 AM
A332	101.0	HNL	HAL15	10/13/2022 8:55 AM
A332	100.9	HNL	HAL15	10/19/2022 8:18 AM
A35K	100.9	LHR	BAW72A	12/29/2022 7:02 PM
A321	100.9	CLT	AAL1651	11/7/2022 6:50 AM
A332	100.9	HNL	HAL15	12/24/2022 8:13 AM

Table 7

Average Daily Operations by Runway, Operation Type, Time of Day and Aircraft Type
October – December, 2022

Aircraft Type	Runway 27						Runway 9						Total
	Arrivals			Departures			Arrivals			Departures			
	7:00	19:00	22:00	7:00	19:00	22:00	7:00	19:00	22:00	7:00	19:00	22:00	
	18:59	21:59	6:59	18:59	21:59	6:59	18:59	21:59	6:59	18:59	21:59	6:59	
A223	0	0	0	1	0	0	0	0	0	0	0	0	1
A20N	3	2	2	4	0	2	0	0	0	0	0	0	13
A21N	3	3	1	4	0	3	0	0	0	0	0	0	14
A306	1	0	0	0	0	1	0	0	0	0	0	0	2
A319	2	0	0	2	0	0	0	0	0	0	0	0	4
A320	9	1	1	8	1	2	0	0	0	0	0	0	22
A321	20	5	5	20	2	8	1	0	0	1	0	0	62
A332	0	1	0	1	0	0	0	0	0	0	0	0	2
A359	1	0	0	1	0	0	0	0	0	0	0	0	2
A35K	1	0	0	0	1	0	0	0	0	0	0	0	2
B38M	11	3	1	12	2	1	1	0	0	0	0	0	31
B39M	5	2	1	7	1	1	0	0	0	0	0	0	17
B737	45	11	7	45	13	5	2	0	0	0	0	0	128
B738	28	7	5	31	5	4	1	0	0	2	0	0	83
B739	14	5	4	18	2	3	1	0	0	1	0	0	48
B752	2	1	1	3	0	1	0	0	0	0	0	0	8
B763	2	0	2	1	2	1	0	0	0	0	0	0	8
B788	1	0	0	1	0	0	0	0	0	0	0	0	2
BE99	1	0	0	1	0	0	0	0	0	0	0	0	2
C208	2	0	0	2	0	0	0	0	0	0	0	0	4
CRJ9	0	0	0	1	0	0	0	0	0	0	0	0	1
E170	19	4	2	19	3	2	1	0	0	1	0	0	51
E75L	1	0	0	1	0	0	0	0	0	0	0	0	2
Total	171	45	32	183	32	34	7	0	0	5	0	0	509

Airport Noise & Operations Monitoring System (ANOMS)

The following tables capture the Remote Monitoring Terminal (RMT) data associated with this report. Table 8 provides the RMT thresholds, Tables 9 through 11 capture the Daily and Monthly CNEL levels for each month in the Quarter and Table 12 captures the Air Carrier Operations by Aircraft Type.

There are variances in Table 12 between the ANOMS data and the FAA ATADS data reported in the summary and Quarterly Airport Operations due to the way aircraft operating at the Airport are categorized between Air Carrier and Air Taxi Operations. The prop/turboprop operations are typically captured in the FAA's Air Taxi category due to their capacity and/or weight classification. The Air Taxi data captured by the FAA ATADS system also includes fractional ownership operations (Business Jets) and small Regional Jets operated by the Air Carrier's Regional Airline partners. If a Regional Jet meets the payload weight limitation of 18,000 pounds or less, then the seating configuration (60 seat boundary) can alter the category that the operation falls into.

The FAA operator categories are defined as follows:

- **Air Carrier (AC):** Aircraft with seating capacity of more than 60 seats or a maximum payload capacity of more than 18,000 pounds, carrying passengers or cargo for hire or compensation. This includes US and foreign-flagged carriers.
- **Air Taxi (AT):** Aircraft designed to have a maximum seating capacity of 60 seats or less or a maximum payload capacity of 18,000 pounds or less, carrying passengers or cargo for hire or compensation.
- **General Aviation (GA):** Takeoffs and landings of all civil aircraft, except those classified as air carriers or air taxis.
- **Military:** All classes of military takeoffs and landings.

Table 8

Remote Monitoring Terminals (RMTs) Thresholds

RMT #	SENEL Day Threshold (dB)	Duration (sec)	SENEL Evening Threshold (dB)	Duration (sec)	SENEL Night Threshold (dB)	Duration (sec)
1	73*	9	73	9	72*	10
2	63	10	60	12	58	14
3	74*	9	73	10	72*	10
4	64*	10	63	12	60*	12
6	68*	8	67	9	65*	10
7	65	12	63	12	62	15
9	68*	8	67	9	65*	10
10	65*	8	62	12	60*	13
11	65*	12	63	13	60*	15
12	64*	10	62	12	60*	14
13	65*	8	62	12	60*	13
14	65*	10	62	12	60*	13
16	67*	8	66	9	65*	10
17	64	9	62	12	58	15
18	65	8	65	8	62	12
19	64*	8	64	8	63*	8
20	62	11	62	11	60	13
21	60	10	58	12	55	18
22	65	8	63	10	60	12
23	65*	8	63	10	60*	12
24	65*	8	65	8	63*	10
25	65*	10	62	10	60*	12
26	65*	10	64	12	62*	14

Day: From 7:00 a.m. to 6:59 p.m. (* = change occurs at 0500L)

Evening: From 7:00 p.m. to 9:59 p.m.

Night: From 10:00 p.m. to 6:59 a.m. (* = change occurs at 0500L)

Note 1: RMTs #1 and #3 high threshold levels are due to high freeway and/or construction noise.

Note 2: Noise monitors comply with all applicable settings as specified in the California Noise Standards (Title 21). Noise events must meet both threshold criteria to be considered for further review.

Table 9

Daily/Monthly CNEL Levels – October, 2022

Day	RMT 1	RMT 2	RMT 3	RMT 4	RMT 6	RMT 7	RMT 9	RMT 10	RMT 11	RMT 12	RMT 13	RMT 14	RMT 16	RMT 17	RMT 18	RMT 19	RMT 20	RMT 21	RMT 22	RMT 23	RMT 24	RMT 25	RMT 26
1	68.4	64.9	64.9	63.6	67.6	73.0	65.2	61.9	69.6	59.5	64.2	63.6	62.4	63.4	55.6	61.7	59.9	57.0	62.7	60.8	62.8	60.4	61.6
2	69.2	65.5	64.4	64.4	68.5	73.3	65.4	62.8	69.9	60.9	64.8	63.6	62.8	64.2	56.4	59.2	60.2	56.6	63.0	61.2	63.5	60.7	62.2
3	69.2	65.7	64.0	64.4	68.6	73.4	65.3	63.8	69.9	60.4	64.5	62.6	63.2	64.2	54.9	59.9	59.9	55.0	62.3	60.0	63.4	59.2	62.6
4	69.4	65.6	63.3	66.9	68.1	73.2	65.3	61.8	69.3	59.1	63.6	62.4	63.4	64.2	55.6	60.5	58.4	55.4	61.7	59.8	62.3	59.0	62.2
5	66.9	62.3	65.6	67.4	68.2	75.2	65.7	60.1	71.9	55.6	62.2	66.5	60.4	61.6	63.2	61.9	55.7	52.5	60.3	57.5	60.4	56.3	58.9
6	69.3	65.6	65.4	65.5	68.6	74.9	65.8	62.6	71.5	60.2	64.6	65.8	63.5	64.0	58.4	61.6	59.5	55.1	62.6	60.9	63.3	59.7	62.7
7	69.9	66.4	67.3	64.9	68.7	74.0	66.5	62.7	70.6	60.5	65.2	63.6	64.4	64.9	55.0	60.3	60.5	56.3	63.5	61.9	64.0	60.2	63.3
8	68.3	64.2	64.5	63.7	66.9	73.2	64.7	60.9	69.5	57.9	63.7	62.6	62.1	62.7	55.5	58.2	58.8	55.3	62.2	60.4	62.5	59.3	61.0
9	69.4	65.6	64.8	66.4	68.0	74.1	66.3	61.4	70.1	58.7	64.1	63.5	62.8	64.1	58.3	59.7	58.7	54.5	62.3	60.9	62.6	58.3	61.6
10	69.0	65.6	61.9	64.0	68.8	74.3	66.1	64.7	71.0	60.9	65.5	63.5	63.1	64.1	55.0	61.7	60.6	57.6	63.8	62.1	64.5	60.3	62.2
11	69.5	65.7	62.7	64.4	68.7	74.1	65.7	63.2	70.8	60.5	65.0	64.3	63.4	64.2	53.7	60.7	61.2	57.5	63.1	61.2	64.6	61.1	62.8
12	69.7	65.9	64.3	64.5	68.4	73.8	66.1	63.0	70.6	60.5	64.7	63.2	63.6	64.5	69.2	60.0	60.3	56.1	62.9	60.6	63.6	61.0	63.0
13	70.2	66.6	65.0	65.6	68.8	74.1	66.4	63.1	70.7	63.6	64.5	63.1	63.9	65.3	57.9	60.8	60.0	55.4	62.4	60.1	63.5	59.9	62.9
14	70.5	66.6	65.4	65.2	68.8	74.5	66.4	63.1	70.9	61.0	65.5	63.7	65.0	65.0	57.2	63.5	60.6	56.2	63.6	62.6	64.7	63.2	63.2
15	68.9	65.1	65.9	63.3	67.2	73.4	64.2	61.8	69.9	59.4	64.2	63.1	63.1	63.6	51.1	60.9	59.6	56.3	62.5	60.6	62.8	60.0	61.8
16	69.7	66.1	66.6	64.5	68.6	74.3	66.4	62.9	70.6	60.4	65.3	64.2	63.6	64.6	58.3	62.2	60.9	57.2	63.6	61.5	64.0	62.2	62.8
17	69.9	65.8	65.5	65.6	69.4	74.1	64.4	63.9	71.0	60.8	65.5	63.8	63.6	64.4	56.4	58.0	60.9	56.9	63.7	61.7	64.7	60.4	62.7
18	69.3	64.9	64.5	66.7	68.0	73.7	66.4	62.1	70.0	63.6	64.3	63.2	63.2	63.3	60.2	62.8	59.6	56.3	62.6	60.7	63.4	60.3	61.9
19	68.7	64.6	66.1	64.1	68.8	74.0	66.7	62.1	70.8	60.2	64.4	63.3	63.2	63.1	61.7	63.9	59.6	55.6	62.8	60.8	63.6	59.6	61.8
20	68.7	63.9	66.4	69.3	69.4	75.6	67.0	60.9	72.4	58.5	63.6	66.8	62.4	63.4	65.4	63.6	58.2	55.1	61.9	59.1	61.5	59.3	60.7
21	69.7	65.8	64.9	64.5	68.5	74.5	66.2	62.7	70.8	60.3	64.8	63.6	63.9	64.3	56.4	63.3	59.8	55.4	62.8	61.3	65.9	59.4	62.7
22	69.2	65.4	62.4	63.9	67.5	73.3	65.7	62.2	69.5	59.6	64.3	63.3	63.7	63.7	58.1	62.8	59.5	56.0	62.3	61.2	63.1	59.8	62.0
23	69.5	65.9	66.4	63.9	68.5	74.5	66.2	63.2	70.9	60.6	65.6	64.2	64.3	64.3	59.2	63.0	60.8	57.7	63.9	62.3	64.1	61.4	63.0
24	69.6	65.1	66.8	64.4	69.0	74.3	62.6	63.1	70.3	60.7	64.9	63.6	63.4	64.1	54.8	55.7	60.4	57.1	63.1	61.5	63.6	60.4	62.0
25	69.0	65.0	63.8	63.6	68.9	73.6	66.6	62.2	69.7	60.2	64.1	62.5	63.7	63.6	61.0	63.3	59.7	55.9	62.3	60.5	63.1	59.8	62.0
26	69.6	65.8	63.9	64.4	68.6	73.8	64.5	63.1	70.3	60.8	65.0	63.6	64.1	65.4	54.6	61.6	60.3	56.8	63.1	61.2	63.9	60.5	62.8
27	70.0	66.1	67.1	64.6	69.4	74.8	68.1	63.5	71.5	61.2	65.9	64.4	64.8	64.6	62.2	65.9	61.0	57.4	64.1	62.2	64.6	61.0	63.7
28	70.0	65.9	68.2	64.9	70.4	74.3	67.3	63.1	70.8	60.8	65.5	64.3	64.5	64.6	62.0	63.2	60.6	57.0	63.9	62.0	64.2	60.9	63.0
29	68.4	64.2	66.7	62.7	67.5	73.8	65.7	62.4	70.0	59.4	64.1	63.3	62.7	62.8	56.3	60.2	59.9	56.4	62.4	60.0	62.6	60.2	61.0
30	69.2	65.1	65.8	64.0	68.0	74.3	68.3	62.0	70.4	59.7	64.7	63.5	63.5	63.8	62.2	64.3	60.1	56.3	63.2	61.0	63.4	60.1	61.8
31	68.1	64.4	63.8	63.0	68.0	73.7	64.6	63.3	70.2	60.1	64.6	62.4	63.0	62.9	55.0	61.6	59.8	55.5	62.5	61.1	63.4	59.7	61.3
Month	69.3	65.4	65.3	65.0	68.5	74.1	66.0	62.7	70.6	60.4	64.7	63.9	63.5	64.0	60.2	61.9	59.9	56.2	62.9	61.0	63.6	60.3	62.3

Table 10

Daily/Monthly CNEL Levels – November, 2022

Day	RMT 1	RMT 2	RMT 3	RMT 4	RMT 6	RMT 7	RMT 9	RMT 10	RMT 11	RMT 12	RMT 13	RMT 14	RMT 16	RMT 17	RMT 18	RMT 19	RMT 20	RMT 21	RMT 22	RMT 23	RMT 24	RMT 25	RMT 26
1	69.5	65.9	62.8	64.5	68.9	73.7	66.3	63.4	70.0	61.2	65.1	63.6	64.2	64.6	55.3	63.9	60.1	56.6	63.2	62.2	64.1	60.3	63.1
2	70.4	66.6	65.4	65.8	69.5	72.9	66.8	63.9	69.5	61.6	64.6	63.7	64.7	65.2	61.3	62.7	60.4	57.5	63.0	61.1	63.5	60.9	64.1
3	70.4	66.5	68.1	64.7	70.8	72.9	64.9	64.1	69.5	61.7	65.0	63.6	65.0	65.2	62.4	60.6	62.2	58.4	63.7	63.2	64.1	61.6	64.3
4	70.3	66.0	69.5	64.3	69.0	74.4	64.9	63.6	70.5	60.9	64.9	63.3	65.0	64.8	58.1	60.1	60.8	56.9	63.4	61.5	63.7	60.7	63.5
5	69.0	64.9	67.3	63.0	68.0	73.5	67.0	62.0	69.4	63.0	63.7	65.7	63.8	63.2	62.0	65.5	59.4	55.8	62.1	60.9	62.3	59.6	62.3
6	69.8	66.1	64.9	64.6	68.6	73.8	66.4	62.3	70.1	60.3	65.1	62.9	64.3	64.5	54.9	66.4	59.8	55.9	63.2	62.3	64.0	60.3	63.2
7	69.6	66.1	62.9	64.3	69.7	74.6	67.0	64.4	70.9	62.0	65.9	63.8	64.2	64.5	53.5	64.5	60.6	57.0	63.9	62.8	64.9	61.6	62.9
8	72.4	67.6	68.7	72.0	70.8	73.2	67.5	62.9	70.4	61.0	62.9	64.8	66.6	66.8	68.4	64.5	57.8	54.6	60.9	60.8	61.8	57.6	65.0
9	70.7	66.8	69.6	64.9	69.5	74.0	67.5	64.6	69.9	61.6	65.1	63.9	65.1	65.4	63.2	63.4	61.2	58.2	63.8	61.7	64.0	61.8	64.0
10	70.7	66.2	69.7	64.7	69.6	74.8	68.0	63.9	71.1	61.5	65.3	64.2	64.9	65.0	59.9	65.1	61.4	57.8	63.9	61.8	64.2	61.8	63.3
11	70.2	65.5	69.6	64.2	70.3	74.3	65.4	63.4	70.3	61.0	64.4	62.7	65.2	64.2	59.8	64.3	59.8	55.7	62.6	60.6	63.4	59.7	62.6
12	69.2	65.1	67.6	63.2	68.4	73.9	66.1	62.2	70.2	59.7	64.4	63.5	64.3	63.4	57.0	64.1	60.1	56.6	62.7	61.8	63.0	63.1	61.8
13	70.3	66.4	67.6	64.7	69.2	74.6	64.1	63.6	70.8	61.3	65.6	63.9	64.7	65.1	51.1	62.6	61.0	57.5	64.1	61.8	64.2	61.4	63.9
14	69.6	65.2	66.7	63.9	70.0	74.4	68.1	64.4	70.4	61.3	65.2	63.5	63.6	63.9	62.0	65.3	61.0	57.0	63.4	61.2	64.0	60.5	62.2
15	70.0	65.3	67.5	63.9	69.7	74.4	67.4	63.6	70.3	60.8	65.2	64.0	64.2	63.8	61.0	66.2	60.3	57.0	63.4	61.9	64.0	62.2	62.6
16	70.7	65.5	68.5	64.2	70.2	74.1	68.4	62.5	69.7	59.8	63.7	62.5	64.6	63.6	65.6	66.2	59.3	55.2	61.9	59.7	62.8	59.0	61.2
17	69.9	65.2	69.7	63.9	70.6	74.0	67.9	62.5	69.7	60.2	63.7	61.7	64.2	63.9	64.5	64.9	59.2	55.6	61.9	61.1	62.9	58.4	62.1
18	70.6	66.1	69.8	64.4	70.1	75.1	67.5	63.8	71.3	61.3	66.1	64.3	65.4	64.7	59.7	65.1	61.4	57.3	64.5	64.1	64.8	62.0	63.3
19	69.4	64.7	68.7	63.2	69.4	74.6	68.9	62.7	69.8	59.7	63.9	62.8	64.2	63.4	64.5	65.9	59.2	55.4	62.2	60.3	62.6	59.1	61.6
20	68.3	64.4	67.7	62.9	69.5	73.2	63.1	61.6	69.1	59.2	63.6	62.3	62.9	63.2	57.4	59.3	58.5	54.6	62.0	59.7	62.5	58.6	61.2
21	69.0	64.5	66.1	65.2	69.6	73.6	65.7	62.9	69.4	60.4	64.1	62.3	63.1	63.2	62.4	61.5	59.3	56.3	62.5	60.1	63.1	58.7	61.4
22	70.2	65.3	68.2	63.7	70.1	74.3	64.8	63.2	69.9	65.5	64.1	62.8	64.4	64.0	57.9	61.8	59.5	55.5	62.4	60.0	63.0	59.4	62.5
23	70.6	65.4	68.8	64.9	70.7	74.2	67.1	62.5	69.9	60.2	63.8	62.5	65.4	64.3	62.3	65.4	59.9	55.6	62.3	60.0	62.7	59.4	62.9
24	61.2	59.4	59.1	61.3	66.1	71.2	64.8	58.0	68.1	55.2	60.7	61.5	57.9	58.7	61.8	61.7	56.0	51.9	59.0	56.5	59.3	55.6	55.6
25	69.2	64.5	67.6	63.4	69.6	72.6	66.7	61.1	67.7	59.4	62.2	61.1	63.4	63.5	61.7	63.2	57.9	53.7	60.9	59.5	61.0	57.9	61.2
26	69.2	65.3	66.9	63.4	69.1	74.1	67.7	62.3	70.1	59.7	64.3	62.8	64.3	63.6	58.2	64.8	59.5	55.4	62.5	61.4	63.0	59.3	61.9
27	70.1	66.5	65.2	64.4	69.6	74.7	68.6	63.5	71.1	61.4	65.9	64.2	64.8	64.7	62.7	65.8	60.8	57.0	64.0	63.9	64.7	60.9	63.4
28	70.3	66.6	63.9	64.9	70.0	74.4	67.6	64.6	70.9	62.2	66.5	64.9	64.9	65.1	57.8	64.7	61.5	59.1	64.7	63.0	65.1	62.1	64.0
29	70.2	66.3	66.8	64.7	69.4	74.5	70.3	64.1	71.0	63.3	66.0	64.7	65.0	65.0	59.0	68.7	61.1	58.2	64.4	62.7	64.9	62.0	63.6
30	69.6	66.0	66.1	64.1	68.3	73.6	64.8	63.2	70.0	61.2	65.2	63.9	64.4	64.5	55.7	59.7	60.3	57.4	63.6	61.6	63.9	60.7	63.1
Month	69.9	65.7	67.6	64.9	69.6	74.0	67.0	63.2	70.1	61.2	64.7	63.5	64.5	64.3	61.5	64.4	60.1	56.6	63.0	61.5	63.5	60.5	62.8

Table 11

Daily/Monthly CNEL Levels – December, 2022

Day	RMT 1	RMT 2	RMT 3	RMT 4	RMT 6	RMT 7	RMT 9	RMT 10	RMT 11	RMT 12	RMT 13	RMT 14	RMT 16	RMT 17	RMT 18	RMT 19	RMT 20	RMT 21	RMT 22	RMT 23	RMT 24	RMT 25	RMT 26
1	70.0	66.3	66.1	64.7	69.4	73.6	66.7	64.0	70.2	61.8	65.5	64.1	64.9	64.8	58.2	64.7	61.0	58.0	63.8	61.9	64.3	61.3	63.4
2	70.1	66.1	69.5	64.6	69.2	73.9	63.5	63.6	70.8	61.4	65.8	64.2	64.7	64.7	53.9	60.9	61.4	57.6	64.1	61.9	64.6	62.0	63.3
3	69.3	65.0	67.7	64.0	67.2	72.5	67.4	61.4	69.0	60.2	64.2	63.9	63.9	65.3	62.8	63.9	59.4	56.3	62.6	60.3	62.9	60.1	62.1
4	69.7	66.4	64.7	64.5	68.4	73.8	66.9	63.2	70.2	61.0	65.4	64.2	64.3	65.0	60.4	62.8	61.0	57.7	63.9	61.9	64.1	61.7	63.4
5	70.1	66.1	65.8	66.6	69.4	73.2	68.6	63.8	69.7	61.2	65.3	64.0	64.5	64.7	60.4	65.0	60.7	57.5	64.5	61.6	64.0	60.8	63.0
6	69.6	65.6	65.8	64.0	68.5	73.5	66.0	63.7	70.3	61.5	65.3	64.4	64.4	64.2	60.9	64.3	60.9	58.0	63.7	61.6	64.0	61.6	62.8
7	70.1	66.2	68.8	64.1	69.2	74.4	64.4	63.9	70.9	61.8	65.3	64.3	64.9	64.7	53.7	62.1	61.1	58.1	63.8	61.5	64.0	61.4	63.5
8	70.5	66.6	69.5	64.4	69.1	74.3	63.1	64.5	70.3	62.9	65.6	64.1	65.2	65.0	54.1	58.5	60.9	57.6	63.9	61.9	64.4	61.3	63.8
9	71.1	66.8	70.7	65.3	70.5	74.6	64.4	64.9	70.7	61.3	65.1	64.0	66.0	65.2	58.5	59.5	61.3	57.7	63.6	61.5	63.9	61.3	63.7
10	69.1	65.3	68.5	63.4	68.7	73.9	68.6	62.8	70.0	61.5	65.1	64.2	64.4	63.9	61.1	65.5	60.6	57.3	63.4	61.2	63.5	61.2	62.4
11	70.7	66.6	67.3	67.2	69.7	74.4	67.9	64.0	71.3	61.6	65.6	65.1	65.4	65.5	64.5	66.1	60.9	57.5	64.1	62.5	64.3	61.1	63.4
12	70.4	66.6	67.6	64.8	70.0	74.1	69.4	64.8	70.1	61.9	65.4	63.9	65.6	65.1	61.0	68.8	61.0	57.9	63.9	62.3	64.0	61.5	64.2
13	70.0	65.7	69.1	64.0	70.2	74.5	63.3	64.9	70.7	62.2	65.8	64.8	64.7	64.2	56.4	65.0	61.1	58.3	64.2	62.5	64.6	62.1	63.5
14	71.0	66.7	69.6	64.9	69.4	74.7	63.5	64.0	71.1	62.2	65.5	64.4	65.8	65.2	62.3	57.5	61.4	57.8	64.3	61.8	64.4	61.6	64.1
15	70.8	66.3	69.2	64.7	69.3	74.7	67.6	63.8	70.9	61.5	65.7	64.4	64.8	64.9	61.2	64.1	61.2	57.7	63.9	62.3	64.7	61.6	63.9
16	70.6	65.8	70.6	64.3	70.6	74.7	67.6	63.5	70.6	61.5	65.2	63.9	65.4	64.3	57.2	66.0	60.9	56.9	63.4	61.4	64.1	61.0	63.1
17	68.2	64.2	66.9	62.6	68.2	73.5	66.5	61.6	69.5	59.1	63.2	62.7	62.9	62.6	59.5	63.0	58.7	54.5	61.4	59.5	62.2	58.7	61.5
18	69.9	66.0	68.1	64.5	69.8	74.4	66.5	64.2	69.8	60.6	64.7	63.4	64.8	64.6	59.4	63.4	60.2	56.5	62.9	60.4	63.4	60.1	64.0
19	70.7	66.0	68.1	64.5	69.4	74.6	65.3	64.7	70.5	61.8	65.7	65.2	64.8	64.8	61.9	62.0	60.7	57.5	65.1	62.2	64.7	60.8	63.2
20	70.4	65.9	68.8	64.1	70.9	74.8	66.0	63.5	70.2	61.2	64.6	63.5	64.7	64.7	61.5	63.6	60.3	56.3	63.2	60.6	63.5	61.1	62.8
21	71.2	66.5	69.4	65.2	70.6	75.2	68.4	63.5	70.9	61.3	65.1	64.2	65.7	65.1	65.2	65.0	60.7	57.0	63.7	61.0	63.8	61.9	63.4
22	67.8	63.4	64.3	62.0	69.7	74.8	67.7	63.2	70.8	61.1	64.9	64.1	62.8	61.7	60.0	66.0	60.2	57.1	63.2	61.1	63.7	61.1	61.0
23	65.5	61.4	65.6	65.3	65.4	73.4	64.5	59.4	70.1	56.2	61.6	65.0	59.9	60.6	61.3	60.0	56.6	53.4	60.1	57.2	59.2	57.2	58.2
24	66.5	62.2	63.5	62.0	66.5	71.7	62.5	60.4	67.9	57.0	61.8	62.0	61.2	60.9	57.8	58.4	58.8	53.7	59.7	57.5	59.8	57.5	59.2
25	66.9	63.0	63.8	61.3	67.7	72.1	63.6	60.0	68.2	56.5	61.5	60.4	61.6	61.4	58.1	60.4	57.3	52.8	59.9	58.3	60.2	57.0	59.8
26	68.1	64.0	64.7	62.7	68.1	73.6	68.2	63.3	69.4	59.0	63.1	61.6	63.1	62.4	64.7	67.1	58.6	54.5	61.2	60.8	62.1	58.2	60.7
27	69.3	63.8	64.2	66.5	69.2	74.9	68.0	63.7	70.9	62.6	65.2	65.1	62.3	62.2	63.1	65.3	59.8	56.6	63.1	63.5	63.8	60.4	60.6
28	68.7	65.1	64.2	63.2	68.7	74.6	66.6	63.2	71.2	60.2	65.3	65.8	63.4	63.5	62.1	63.2	60.9	57.7	63.7	63.1	63.7	61.5	62.3
29	70.0	66.2	64.5	64.2	68.5	74.6	68.7	63.0	71.0	60.4	65.5	64.2	64.5	64.3	54.9	66.8	60.6	57.6	63.9	62.7	64.0	61.1	63.5
30	70.6	66.8	68.0	64.9	69.4	75.2	67.6	64.1	71.7	61.8	66.5	65.2	65.2	65.3	56.0	64.4	61.7	58.2	64.7	63.1	65.2	62.1	63.8
31	69.3	65.1	63.6	65.3	68.2	73.8	66.1	62.4	70.3	59.3	64.3	64.6	63.9	63.6	57.7	64.7	57.0	57.3	62.8	61.0	62.6	60.8	62.2
Month	69.7	65.6	67.6	64.5	69.2	74.1	66.7	63.4	70.4	61.0	65.0	64.1	64.4	64.2	60.7	64.2	60.4	57.1	63.4	61.5	63.7	60.9	62.8

Table 12

Air Carrier Operations by Aircraft Type captured by the Airport Noise & Operations Monitoring System – October – December, 2022

	ACA	ASA	AAY	AAL	BAW	DAL	FDX	FFT	GXA	HAL	QXE	SWQ	JAL	JZA	JBU	DLH	SKW	SWA	NKS	SCX	UAL	UPS	WJA	
Aircraft Type	Air Canada	Alaska Airlines	Allegiant Air	American Airlines	British Airways	Delta Air Lines	FedEx Express	Frontier Airlines	Global Crossing Airlines	Hawaiian Airlines	Horizon Air	iAero Airways (Swift Air)	Japan Airlines	Jaz Aviation	jetBlue Airways	Lufthansa	SkyWest Airlines	Southwest Airlines	Spirit Airlines	Sun Country Airlines	United Airlines	UPS Airlines	WestJet Airlines	Total Operations
A20N	0	0	0	0	0	0	0	874	0	0	0	0	0	0	0	0	0	0	382	0	0	0	0	1,256
A21N	0	14	0	711	0	192	0	4	0	184	0	0	0	0	154	0	0	0	0	0	0	0	0	1,259
A221	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
A223	109	0	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	147
A306	0	0	0	0	0	0	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	193
A319	0	0	64	0	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	370	0	0	480
A320	90	103	138	24	0	486	0	106	40	0	0	0	0	0	103	0	0	0	288	0	701	0	0	2,079
A321	4	0	0	2,394	0	2,349	0	78	2	0	0	0	0	0	719	0	0	0	178	0	0	0	0	5,724
A332	0	0	0	0	0	0	0	0	0	182	0	0	0	0	0	0	0	0	0	0	0	0	0	182
A359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123	0	0	0	0	0	0	0	123
A35K	0	0	0	0	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	160
B38M	196	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	2,397	0	0	212	0	14	2,829
B39M	0	930	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	736	0	0	1,666
B733	0	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	36
B734	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	30
B737	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,052	0	0	28	0	20	12,100
B738	0	1,054	0	778	0	831	0	0	0	0	0	139	0	0	0	0	0	3,961	0	162	667	0	58	7,650
B739	0	2,428	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,902	0	0	4,375
B752	0	0	0	0	0	468	92	0	0	0	0	0	0	0	0	0	0	0	0	0	118	0	0	678
B753	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	52
B763	0	0	0	0	0	36	490	0	0	0	0	0	0	0	0	0	0	0	0	0	0	236	0	762
B764	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
B788	0	0	0	0	0	0	0	0	0	0	0	0	104	0	0	0	0	0	0	0	0	0	0	104
CRJ2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
CRJ7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
CRJ9	0	0	0	0	0	0	0	0	0	0	0	0	0	168	0	0	0	0	0	0	0	0	0	168
E75L	0	0	0	0	0	0	0	0	0	0	114	0	0	0	0	0	4,718	0	0	0	0	0	0	4,832
MD11	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Jet	399	4,529	202	3,917	160	4,569	777	1,062	42	366	114	205	104	168	976	123	4,722	18,410	848	162	4,736	236	92	46,919
BE99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	153	0	153
C208	0	0	0	0	0	0	442	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	442
Prop	0	0	0	0	0	0	442	0	0	0	0	0	0	0	0	0	0	0	0	0	0	153	0	595
All Ops	399	4,529	202	3,917	160	4,569	1,219	1,062	42	366	114	205	104	168	976	123	4,722	18,410	848	162	4,736	389	92	47,514

Table 13

Air Carrier Operations by Aircraft Type captured by the Airport Noise & Operations Monitoring System – July – December, 2022

	ACA	ASA	AAY	AAL	BAW	DAL	FDX	FFT	GXA	HAL	QXE	SWQ	JAL	JZA	JBU	DLH	SKW	SWA	NKS	SCX	UAL	UPS	WJA	
Aircraft Type	Air Canada	Alaska Airlines	Allegiant Air	American Airlines	British Airways	Delta Air Lines	FedEx Express	Frontier Airlines	Global Crossing Airlines	Hawaiian Airlines	Horizon Air	iAero Airways (Swift Air)	Japan Airlines	Jaz Aviation	JetBlue Airways	Lufthansa	SkyWest Airlines	Southwest Airlines	Spirit Airlines	Sun Country Airlines	United Airlines	UPS Airlines	Westjet Airlines	Total Operations
A20N	0	0	0	0	0	0	0	1,572	0	0	0	0	0	0	0	0	0	0	997	0	0	0	0	2,569
A21N	0	24	0	1197	0	352	0	4	0	367	0	0	0	0	208	0	0	0	0	0	0	0	0	2,152
A221	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
A223	147	0	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185
A306	0	0	0	0	0	0	295	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	295
A319	0	0	168	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	651	0	867
A320	261	235	452	26	0	1,127	0	232	46	0	0	0	0	0	257	0	0	0	718	0	1,714	0	0	5,068
A321	4	0	0	5016	0	4,878	0	240	2	0	0	0	0	0	1,464	0	0	0	351	0	0	0	0	11,955
A332	0	0	0	0	0	0	0	0	0	366	0	0	0	0	0	0	0	0	0	0	0	0	0	366
A359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	246	0	0	0	0	0	0	0	246
A35K	0	0	0	0	196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	196
B38M	444	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	4,755	0	0	325	0	30	5,574
B39M	0	1,512	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,234	0	0	2,746
B733	0	0	0	0	0	0	0	0	0	0	0	78	0	0	0	0	0	0	0	0	0	0	0	78
B734	0	0	0	0	0	0	0	0	0	0	0	77	0	0	0	0	0	0	0	0	0	0	0	77
B737	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24,887	0	0	66	0	54	25,007
B738	0	1,961	0	1,550	0	1,809	0	0	0	0	0	271	0	0	0	0	0	8,711	0	297	2,418	0	135	17,152
B739	0	5,296	0	0	0	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,349	0	0	8,750
B752	0	0	0	0	0	735	220	0	0	0	0	0	0	0	0	0	0	0	0	0	122	0	0	1,077
B753	0	0	0	0	0	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	122
B763	0	0	0	0	0	62	970	0	0	0	0	0	0	0	0	0	0	0	0	0	0	438	0	1,470
B764	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
B772	0	0	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70
B77W	0	0	0	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52
B788	0	0	0	0	0	0	0	0	0	0	0	0	149	0	0	0	0	0	0	0	0	0	0	149
B789	0	0	0	0	0	0	0	0	0	0	0	0	67	0	0	0	0	0	0	0	0	0	0	67
CRJ2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	0	0	0	0	0	0	46
CRJ7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
CRJ9	0	0	0	0	0	0	0	0	0	0	0	0	0	352	0	0	0	0	0	0	0	0	0	352
E75L	0	0	0	0	0	0	0	0	0	0	466	0	0	0	0	0	10,388	0	0	0	0	0	0	10,854
MD11	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Jet	856	9,028	620	7,809	318	9,300	1,487	2,048	48	733	466	426	216	352	1,929	246	10,436	38,353	2,066	297	9,883	438	219	97,574
BE99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	307	0	307
C208	0	0	0	0	0	0	878	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	878
Prop	0	0	0	0	0	0	878	0	0	0	0	0	0	0	0	0	0	0	0	0	0	307	0	1,185
All Ops	856	9,028	620	7,809	318	9,300	2,365	2,048	48	733	466	426	216	352	1,929	246	10,436	38,353	2,066	297	9,883	745	219	98,759









Q4 2022 QNR_unsigned

Final Audit Report

2023-04-28

Created:	2023-04-25
By:	Diane Casey (dcasey@san.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAAtmTXWDYbvCK_dOwPrkv6zZOplpk1gmU

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-  Document created by Diane Casey (dcasey@san.org)
2023-04-25 - 5:57:24 PM GMT- IP address: 12.69.234.136
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