



# Wellington Airport

## Noise Compliance Reporting

March/April/May 2023

1. Noise Enquiries Received and Response
2. Noise Enquiries Graph
3. Curfew Movements Graph
4. Noise (LdN) Compliance Graph
5. Monthly Monitoring Reports from Envirosuite Pty Limited

As reported to the  
**Air Noise Management Committee**

12 June 2023

## Noise Enquiries Summary \*

Date	Time	Suburb	Query	Source / Action	Category
6/03/2023		Miramar	Noise starts at 4am and doesn't stop until after 6am.	No construction works or aircraft operations were being undertaken at this time. CCTV footage reviewed. International flights turn on GPU or APUs at approx. 5:30am. Explained to complainant that it could Potentially could be the Waka Kotahi road resurfacing night works along Cobham Drive. No further correspondence received.	CUR
6/03/2023		Porirua	Asked about flight path change which has meant that aircraft coming from south seem to be turning sharp right over house and head back over city.	Not related to DMAPs as query is arrivals (DMAPS relates to departures only). Referred complainant to Airways.	OTH
7/03/2023		Melrose	4:10am until 5am could hear loud consistent APU noise. Asked if this was allowed.	Duty Managers reviewed all CCTV. Qantas didn't hook up their GPU until 5:30am. ANZ didn't turn their first aircraft lights on until 5:30am. Nothing else happening at 4-5am. Potentially could be the Waka Kotahi road resurfacing night works along Cobham Drive. Complaint emailed on 09/03 to let us know that the source of the noise was a neighbour with a radio tower near his house which whirs in the wind sounding like a turbine.	CUR
15/03/2023	8:40am	Karaka Bays	Noted that after take off JQ287 made a sharp turn right and flew above Karaka Bays, Miramar, Strathmore which is unusual. Very loud. Asked why and whether will happen again.	Reviewed webtrækker. Unusal flight path however as it was above 5700 ft is allowable under CAA rules. Explained to complainant.	SIN
15/03/2023		Churton Park	Low flying plane circling Churton Park for previous 2 hours, scaring dog.	Reviewed webtrækker. Aircraft appears to have departed Paraparaumu and did a number of circuits in the vicinity of Churton Park and then returned. Explained to complainant that this aircraft had nothing to do with Wellington Airport. Then complained about DMAPS.	SIN
16/03/2023	6:23pm	Ngaio	Two aircraft were excessively noisy. A small plane at 5:56pm and a larger plan at 6:23pm	Reviewed webtrækker. The smaller plane was a Sounds Air flight to Westport and the larger plane was an Air NZ flight to Christchurch. Explained to complainant that these were flying at a height that complies with CAA rules. Confirmed with Airways NZ that the flight path of these flights is not related to DMAPs. The ability for aircraft to take a left visual departure off a northern take-off flight path has not changed with DMAPS.	SIN
23/03/2023	5pm	Karaka Bays	Aircraft flying over Miramar Peninsula at 5pm at low altitude. Not respecting agreement to fly north of prison. Selfish attitude of pilot. Complained again at 1pm on 24/03/2023 when it flew over again.	Airways NZ aircraft. Discussed with Airways who said that this is an Airways Corporation calibration flight doing flightpath inspection of glidepath replacement. This will be continuing over next few days. It is necessary to ensure safe operation of the airport. Pilot compliant with CAA rules (ie aircraft flying at 1500 ft or above over the peninsula). Notified complainant and explained that the agreement re: flying to the north of prison was between Airways and the Aeroclub.	OVR
28/03/2023		Khandallah	Aircraft at 6:34 am on 25/03/2023 was very loud and woke up family.	Reviewed webtrækker. This was an A320 destined for Melbourne. Explained to complainant that these were flying at a height (it was above 4000 ft) that complies with CAA rules.	OVR

30/03/2023	4:13pm	Khandallah	Loud aircraft at 4:13pm. Complained again on 4/04/2023 regarding flight at 7:30pm	Reviewed webtrækker. This was a Beechcraft plane descending on arrival. Complied with CAA height requirements. Informed complainant, and explained that the airport have no control over the noise from overflying aircraft. 2nd complaint also complied with all CAA rules.	OVR
3/04/2023	12:40am	Khandallah	Woken by noisy flight at 12:40am. This is unreasonable when there have been flights from 6am. Complained again about a flight at 7:13am on 5/04/2023	This was a flight arriving from Sydney in normal flying hours. Noted that this flight path has not altered as a result of DMAPS (as it is an arrival)). Also explained curfew.	OVR
3/04/2023		Owhiro Bay	Request change of flight paths to avoid Owhiro Bay giving a number of examples of flights overflying this area.	Explained to complainant that the Airport has no control over the setting or implementation of flight paths. Suggested that he contact Airways NZ	OVR
5/04/2/23	8:08AM	Johnsonville	Aircraft overflying Johnsonville excessively loud.	Explained that (as noted in previous complaints) that if aircraft are flying in accordance with CAA rules and within normal flying hours (ie complies with our curfew), then airport has no control or jurisdiction. Will not add each and every complaint to register from now on.	OVR
7/04/2023		Khandallah	Aircraft at 6:37 am on 25/03/2023 was very loud and woke up family on Good Friday. Thought that curfew was extended by an hour on public holidays.	Reviewed webtrækker. This was a Sounds Air flight from Westport. Explained to complainant that curfew is not extended on public holidays, however operational hours are extended so flights can arrive an hour later than usual (ie domestic flights can arrive by 1am and international, 2am).	OVR/QRY
16/04/2/23	6:11am and 8:08am	Broadmeadows	2 loud and low planes in quick succession at 6:10am and then another loud and low aircraft at 8:08am.	Reviewed webtrækker. The first aircraft was an Air NZ flight to Auckland and the 2nd a Qantas flight to Sydney . Explained that if aircraft are flying in accordance with CAA rules and within normal flying hours (ie complies with our curfew), then airport has no control or jurisdiction. The 8:08am flight was a helicopter that departed from Queens Wharf (ie not airport related).	OVR
16/04/2023	6:11am	Khandallah	2 loud and low planes in quick succession at 6:10am and then another loud and low aircraft at 7:15 am. Also complained on 18/04/2023 regarding an aircraft at 7:04am	Explained that (as noted in previous complaints) that if aircraft are flying in accordance with CAA rules and within normal flying hours (ie complies with our curfew), then airport has no control or jurisdiction. Repeat complainant.	OVR
18/04/2023	12:11am	Miramar	Loud construction work at northern end of runway - flashing lights. Not notified of works	This was part of Taxiway Bravo works - trucks from pugmill on western apron, drivign along public roads, and entering site from Station Road. Very busy night due to previous weather delays that week. Asked complainant whether they would like to be on notification email regarding night works.	MNT
18/04/2023		Kilbirnie	Loud truck movements after midnight through to 3am. Truck brakes are very loud. Very intrusive.	This was part of Taxiway Bravo works - trucks from pugmill on western apron, drivign along public roads, and entering site from Station Road. Very busy night due to previous weather delays that week. Asked complainant whether they would like to be on notification email regarding night works.	MNT
19/04/2023	3:20am		Asked about aircraft that arrived or departed at approx 3:20am on nights of 17th and 18th April	Both aircraft were Life Flight Trust aircraft (one plane and one helicopter). Explained emergency flight curfew exemption to complainant	CUR
24/04/2023	4:20am	Wilton	Woken at 4:20am by aircraft MDK01. Very loud. Totally unacceptable.	Explained to complainant that this was an emergency medical flight to which there are curfew exemptions for. Complainant happy with response.	CUR
29/04/2023	9:32pm	Johnsonville	Aircraft at 9:32pm unusually loud	Explained that if aircraft are flying within CAA rules and normal airport flying hours, then airport has no control or jurisdiction.	OVR

1/05/2023	2:05pm	Northland	Very loud plane over Northland. Asked whether it was because they were running late so cut corners.	Reviewed webtrækker. Aircraft arriving and descending from Christchurch. Have asked Airways NZ for explanation as irregular arrival path. On 9/05/2023 Airways responded to say they were still looking into it. WIAL chased up Airways again on 1/06/2023. No response received as at 7/06/2023.	OVR
7/05/2023	7:54pm	Crofton Downs	Very loud plane noise throughout entire house even with all windows and doors closed	Reviewed webtrækker. Sounds Air flight to Blenheim. Explained that if aircraft are flying within CAA rules and normal airport flying hours, the airport has not control or jurisdiction.	OVR
22/05/2023	12:01	Khandallah	Why are planes flying over houses after midnight? Plane at 12:01 am was so loud it woke family.	Reviewed webtrækker. Flight was Air Whanganui flight (medical), however it departed the airport just prior to 12 midnight so complied with curfew requirements. Explained curfew exemptions to complainant.	CUR
22/05/2023	3:30am	Broadmeadows	Aircraft causing noise pollution at 3:30am during curfew.	Reviewed webtrækker. This was a helicopter that departed the hospital (not the airport). Explained this to complainant and also the airports curfew exemption for medical flights.	CUR

\* Complaints relating to the new Divergent Missed Approach Flight Path (DMAPS) are recorded in a separate complaints register

GPU - GPU/APU use

MNT - WIAL Maintenance works

ENG - Engine testing

SIN - single noisy aircraft movement

CUR - airport movement during curfew hours

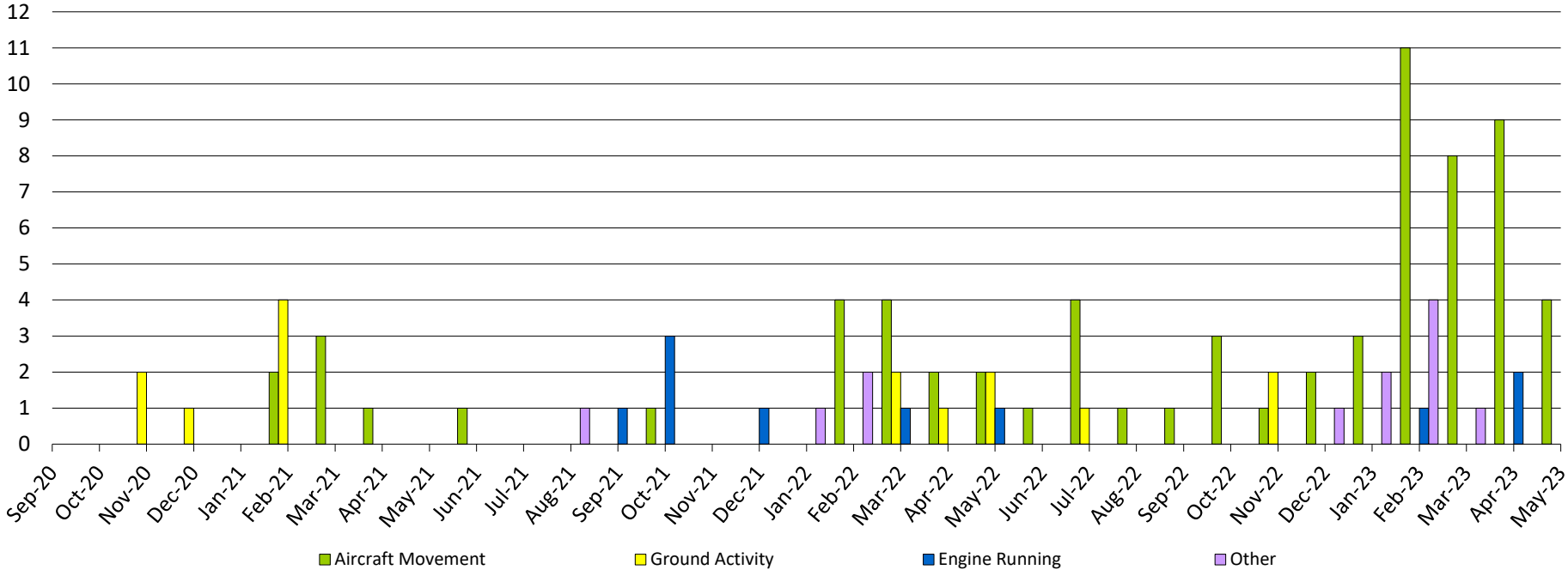
OVR - overflight/holding/circling aircraft

CAA - low flying/safety complaints

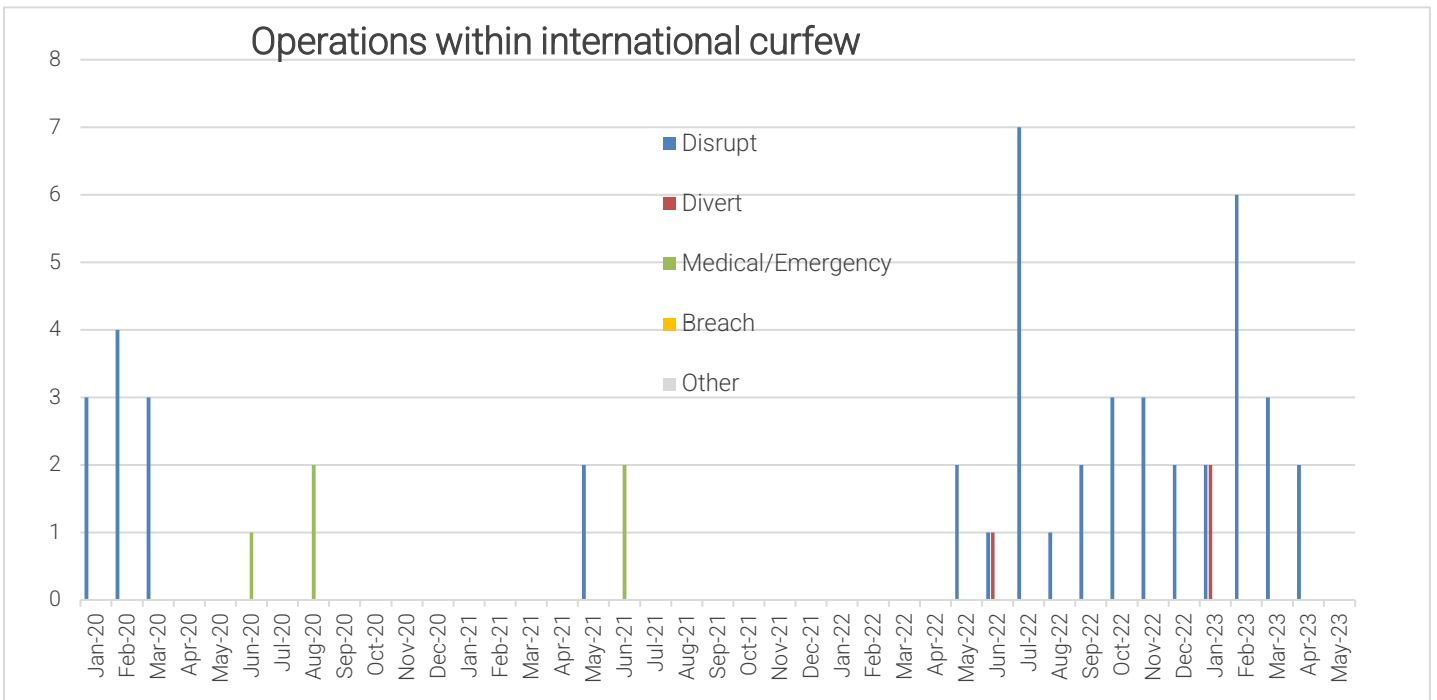
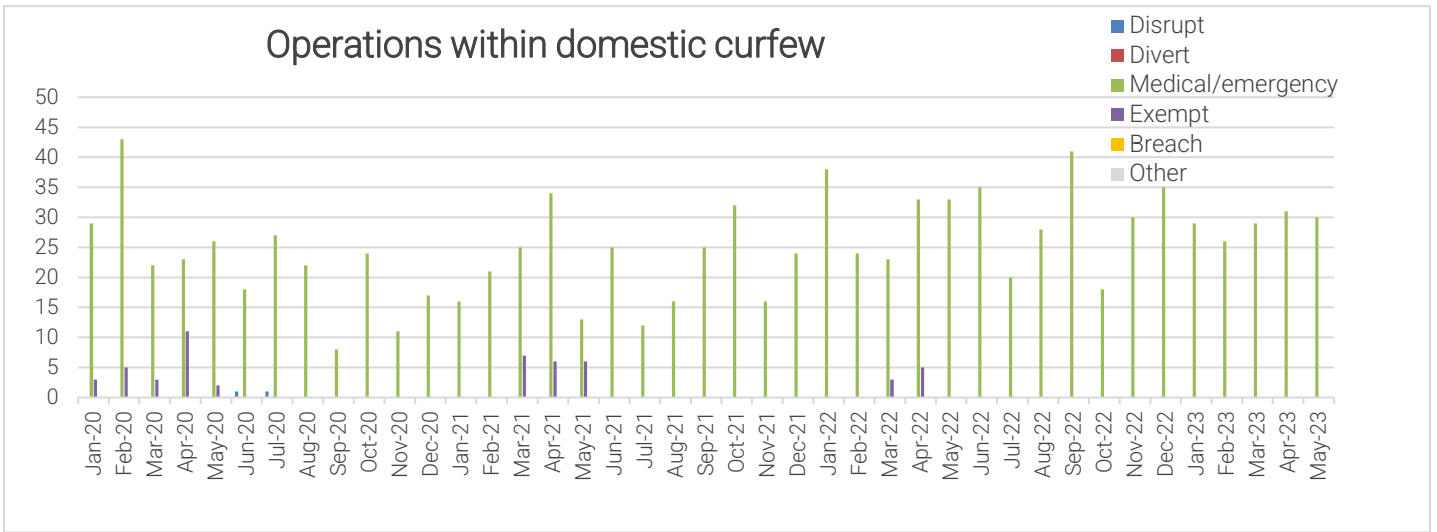
QRY - enquiries about rules etc

OTH - other feedback

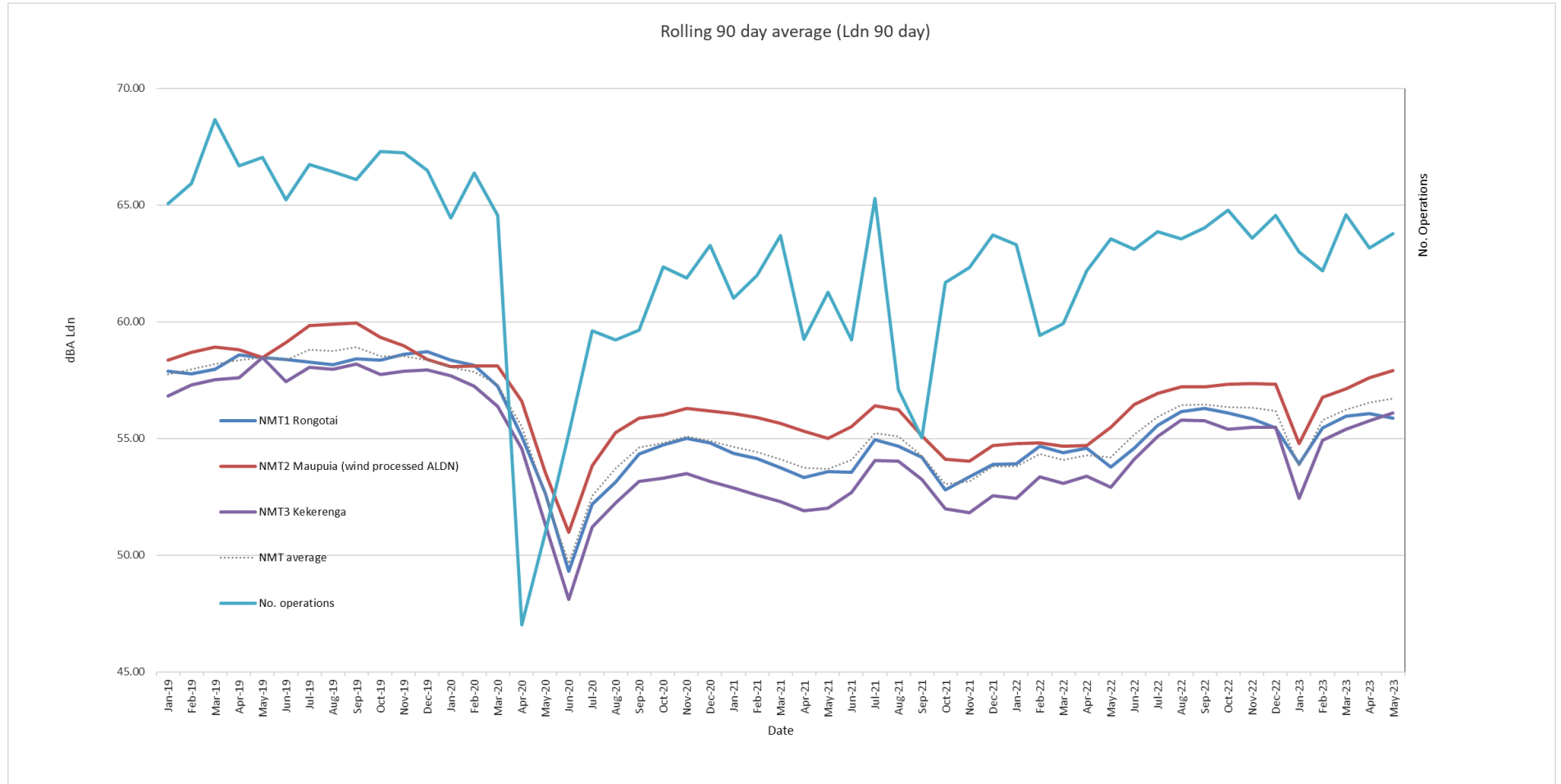
# Noise Enquiries to May 2023



# CURFEW GRAPHS



## LDN COMPLIANCE GRAPH (as at May 2023)





Wellington International Airport  
Managed Noise Service  
Monthly Report for Mar 2023

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**WELLINGTON INTERNATIONAL**  
**AIRPORT LIMITED**

Managed Noise Service

Monthly Report: Mar 2023

Provided By: Envirosuite

Date: 03 April, 2023





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## Summary

This report contains the information required by WIAL as part of the Envirosuite Managed Noise Service Agreement. The month of March saw data collected from all three RMTs with exceptions as follows:

RMT 3 incomplete data between 25-Mar-2023 and 31-Mar-2023. HUB# 2965612

\* 12 hours on 25-Mar

\* 4 hours on 26-Mar-2023

\* 3 hours on 27-Mar-2023

\* 27-Mar-2023 07:00 - 31-Mar-2023 23:59

NOTE: Due to the data gap, NMT3 daily TLEQ reading is 0.0dB on 30th and 31st March.

Wellington International Airport  
Managed Noise Service  
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## Aircraft LDN

**Daily LDN Table**  
**Mar 1, 2023 to Mar 31, 2023**

	<b>RMT 1 Rongotai</b>	<b>RMT 2 Maupuia</b>	<b>RMT 3 Kekerenga</b>
01-Mar-23	55.5	58.6	54.9
02-Mar-23	55.3	59.3	56.7
03-Mar-23	54.5	59.3	56.7
04-Mar-23	56.0	54.4	52.5
05-Mar-23	57.6	54.8	53.8
06-Mar-23	58.3	54.1	53.2
07-Mar-23	52.7	58.1	55.1
08-Mar-23	57.2	59.3	57.3
09-Mar-23	55.5	52.8	55.4
10-Mar-23	56.1	59.5	57.0
11-Mar-23	51.3	52.7	53.7
12-Mar-23	55.5	59.0	55.7
13-Mar-23	57.2	54.9	57.0
14-Mar-23	56.0	57.5	54.5
15-Mar-23	53.7	58.8	56.6
16-Mar-23	55.1	57.5	56.2
17-Mar-23	59.0	58.1	58.9
18-Mar-23	55.7	53.1	54.3
19-Mar-23	53.4	58.2	55.7
20-Mar-23	57.4	58.7	57.5
21-Mar-23	56.8	54.7	56.0
22-Mar-23	58.3	59.1	57.2
23-Mar-23	55.5	54.2	53.1
24-Mar-23	54.7	59.1	56.7
25-Mar-23	55.4	58.8	58.3
26-Mar-23	53.3	57.9	56.0
27-Mar-23	55.5	59.4	58.0
28-Mar-23	57.0	60.8	57.1
29-Mar-23	60.6	60.8	60.2
30-Mar-23	59.4	60.2	0.0
31-Mar-23	56.3	57.8	0.0

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## Aircraft Operations

**Operations Analysis**  
**Mar 1, 2023 to Mar 31, 2023**

Operation Type	Day	Night	Total
Arrival	3441	110	3551
Departure	3318	184	3502
<b>Total</b>	<b>6759</b>	<b>294</b>	<b>7053</b>

Jet	Day	Night	Total
A20N - Airbus A-320	145	53	198
A21N - Airbus A-321	186	6	192
A320 - Airbus - A320	1864	31	1895
B38M - Boeing 737 Max 8	18	0	18
B738 - Boeing - 737-800	124	61	185
B752 - Boeing - 757-200	9	1	10
C25A - Cessna Citation CJ2+	27	0	27
C25B - Cessna Citation CJ3 (twin-jet)	4	0	4
C510 - CESSNA CITIATION MUSTANG	13	0	13
C560 - Cessna - Citation 5	1	1	2
C680 - CESSNA - 680 Citation Sovereign L2J/M	4	0	4
CL60 - Canadair Bombardier - CL600/610 Challenger	7	1	8
E50P - Embraer Phenom 100	2	0	2
E55P - Embraer EMB-505 Phenom 300	2	0	2
FA50 - Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	28	3	31
FA8X - Dassault Falcon 8X	4	0	4
GLEX - Bombardier GLOBAL EXPRESS/Sentinel	2	0	2
GLF5 - Gulfstream - Gulfstream 5	2	0	2
<b>Total</b>	<b>2442</b>	<b>157</b>	<b>2599</b>

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<b>Turboprop</b>	<b>Day</b>	<b>Night</b>	<b>Total</b>
AT75 - Aerospatiale/Aeritalia - ATR-72-500	42	0	42
AT76 - Aerospatiale/Aeritalia - ATR-72-600	578	39	617
B350 - Beech - Super King Air 350	13	1	14
BE20 - Beech - Super King Air 200, 1300	185	12	197
BE9L - Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	36	0	36
C130 - Lockheed - Hercules, Spectre	7	0	7
C208 - Cessna-Caravan 1-208,(Super) Cargomaster, Grand Caravan (U27)	635	47	682
C27J - Alenia C-27J Spartan	4	0	4
C425 - Cessna - Corsair/Conquest I-425	4	0	4
C441 - Cessna - Conquest/Conquest 2 - 441	22	0	22
DH8C - Dehavilland - Dash 8, DHC8 - 300	1944	0	1944
JS31 - British Aerospace-BAe-3100 Jetstream 31	48	0	48
JS32 - British Aerospace-BAe-3200 Jetstream Super 31	122	19	141
MU2 - Mitsubishi - MU-2, Marquise, Solitaire	2	0	2
P46T - Piper - Malibu Meridian	2	0	2
PAY4 - Piper - Cheyenne 400	4	0	4
PC12 - Pilatus Flugzeugwerke Ag - PC-12	249	14	263
SF34 - Saab - SF-340	8	0	8
TEX2 - Beechcraft T-6A Texan II	1	0	1
<b>Total</b>	<b>3906</b>	<b>132</b>	<b>4038</b>

<b>Others</b>	<b>Day</b>	<b>Night</b>	<b>Total</b>
A109 - AgustaWestland AW109	1	0	1
AS50 - Eurocopter AS350 Ecureuil	4	0	4
B06 - BELL B-206 JetRanger	2	0	2
BK17 - MBB/Kawasaki BK 117	15	0	15
BN2P - Britten Norman - BN-2A/B Islander, Defender	19	0	19
C152 - Cessna - Cessna 152	2	0	2
C172 - Cessna - Skyhawk 172/Cutlass/Mescalero	32	0	32
C185 - Cessna - Skywagon 185 (U-17A/B)	1	0	1
C206 - Cessna - Stationair 6, Turbo Stationair 6	3	0	3
C421 - Cessna - Golden Eagle 421	2	0	2
C77R - Cessna - Cardinal RG, 177RG	2	0	2
DA40 - Diamond DA40	6	0	6
DA42 - DA-42 Diamond Twin Star	4	0	4
EC30 - Airbus Eurocopter EC130	2	0	2
GA8 - GippsAero GA8 Airvan	72	0	72
H500 - MD Helicopters MD 500	2	0	2
JS3A - British Aerospace (BAe) - Jetstream 3	1	0	1
M9 - Beretta M9	2	0	2
NH90 - NH90 Caiman	1	0	1
P28A - Piper - Cherokee, Archer, Warrior, Cadet, Cruiser (PA-28-140/150/151/160/161/180/181)	28	2	30
P68 - Partenavia Construzioni Aeronautiche SpA - P68/B/C/-TC,Victor, Observer/P68R	4	0	4
PA34 - Piper - Seneca 2/3	10	0	10
PA38 - Piper - Tomahawk	74	0	74
PA44 - Piper - Seminole, Turbo Seminole	3	0	3
RV6 - Vans RV-6	2	0	2
SPIT	2	0	2
SR22 - Cirrus - SR-22	2	0	2
T206 - Cessna T206 Turbo Stationair	1	0	1
T6C - Beechcraft T-6 Texan II	1	0	1
Unknown	111	3	114

Wellington International Airport  
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<b>Total</b>	<b>411</b>	<b>5</b>	<b>416</b>
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<b>Category</b>	<b>Day</b>	<b>Night</b>	<b>Total</b>
Jet	2442	157	2599
Turboprop	3906	132	4038
Other	411	5	416
<b>Total</b>	<b>6759</b>	<b>294</b>	<b>7053</b>

Wellington International Airport  
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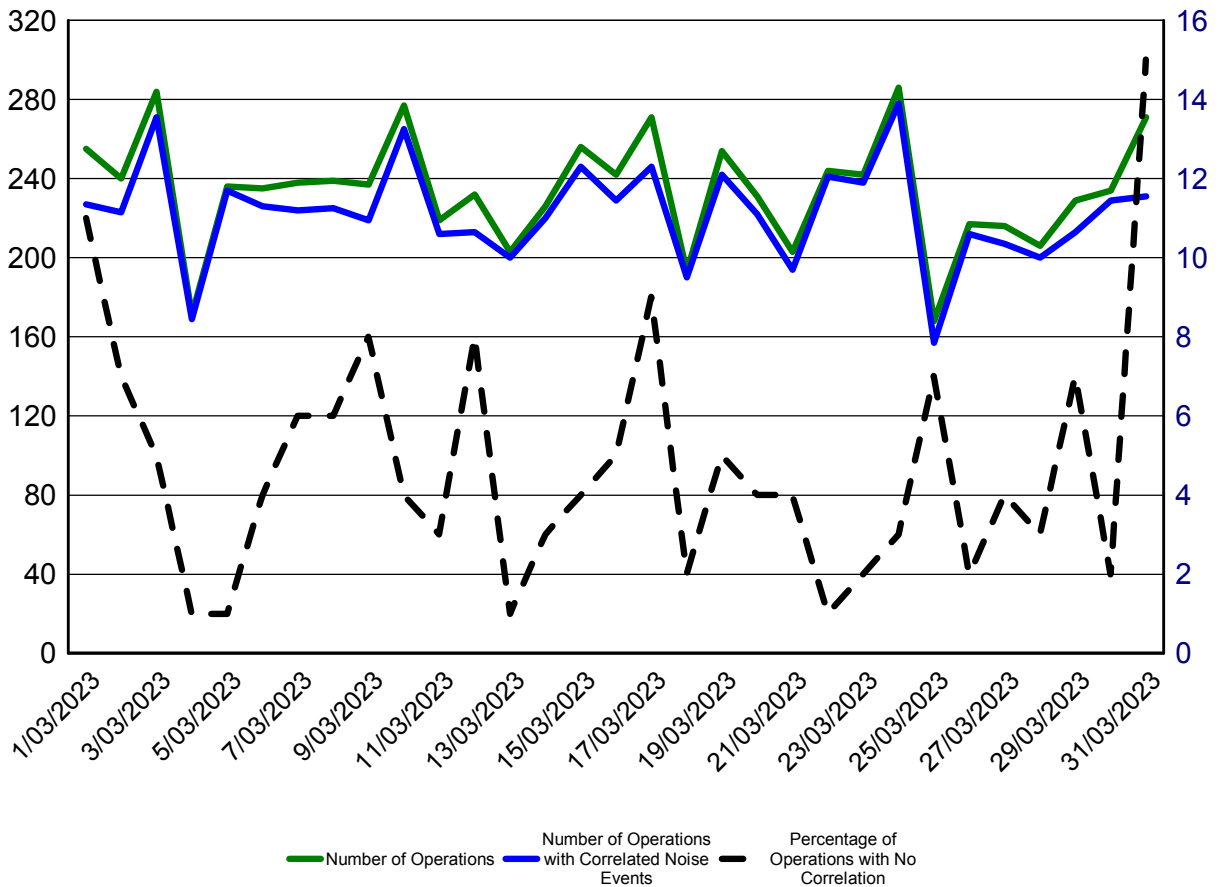
## Uncorrelated Aircraft

**Uncorrelated Aircraft Analysis**  
**Mar 1, 2023 to Mar 31, 2023**

Date	Number of Operations	Operations with Correlated Noise Events	Percentage of Operations With No Correlated Noise Events	Jets with No Correlated Noise Events
01-Mar-2023	255	227	11%	3
02-Mar-2023	240	223	7%	2
03-Mar-2023	284	271	5%	2
04-Mar-2023	171	169	1%	0
05-Mar-2023	236	234	1%	0
06-Mar-2023	235	226	4%	1
07-Mar-2023	238	224	6%	2
08-Mar-2023	239	225	6%	1
09-Mar-2023	237	219	8%	1
10-Mar-2023	277	265	4%	0
11-Mar-2023	219	212	3%	1
12-Mar-2023	232	213	8%	6
13-Mar-2023	203	200	1%	0
14-Mar-2023	226	220	3%	1
15-Mar-2023	256	246	4%	0
16-Mar-2023	242	229	5%	2
17-Mar-2023	271	246	9%	0
18-Mar-2023	193	190	2%	0
19-Mar-2023	254	242	5%	1
20-Mar-2023	231	222	4%	0
21-Mar-2023	203	194	4%	1
22-Mar-2023	244	241	1%	0
23-Mar-2023	242	238	2%	0
24-Mar-2023	286	278	3%	1
25-Mar-2023	168	157	7%	0
26-Mar-2023	217	212	2%	0
27-Mar-2023	216	207	4%	1
28-Mar-2023	206	200	3%	0
29-Mar-2023	229	213	7%	1
30-Mar-2023	234	229	2%	0
31-Mar-2023	271	231	15%	5

Wellington International Airport  
 Managed Noise Service  
 Monthly Report for Mar 2023

This graph shown below provides a summary of the noise correlation at Wellington Airport during March 2023





Wellington International Airport  
Managed Noise Service  
Monthly Report for Mar 2023

**Calibration Report**

	RMT 1			RMT 2			RMT 3		
	Measured	Diff.	Status	Measured	Diff.	Status	Measured	Diff.	Status
01-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
02-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
03-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
04-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
05-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
06-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
07-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
08-Mar-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
09-Mar-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
10-Mar-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
11-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
12-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
13-Mar-2023	88.2	0.1	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
14-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
15-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
16-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
17-Mar-2023	88.1	0.0	SUCCESS	87.8	0.3	SUCCESS	88.1	0.1	SUCCESS
18-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
19-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
20-Mar-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.1	0.1	SUCCESS
21-Mar-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.1	0.1	SUCCESS
22-Mar-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
23-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
24-Mar-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
25-Mar-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
26-Mar-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
27-Mar-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
28-Mar-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.1	0.1	SUCCESS
29-Mar-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.1	0.1	SUCCESS
30-Mar-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.1	0.1	SUCCESS
31-Mar-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS



Wellington International Airport  
Managed Noise Service  
Monthly Report for Apr 2023

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**WELLINGTON INTERNATIONAL**  
**AIRPORT LIMITED**

Managed Noise Service

Monthly Report: Apr 2023

Provided By: Envirosuite  
Date: 08 May, 2023



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Wellington International Airport  
Managed Noise Service  
Monthly Report for Apr 2023

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## Summary

This report contains the information required by WIAL as part of the Envirosuite Managed Noise Service Agreement. The month of April saw data collected from all three RMTs with exceptions as follows:

RMT 1 missed the Hourly record on 02-Apr-2023 01:00 – 03:00. HUB# 3157623  
RMT 1 missed the Hourly record on 06-Apr-2023 01:00  
RMT 1 missed the Hourly record on 06-Apr-2023 10:00

RMT 2 missed the Hourly record on 02-Apr-2023 03:00. HUB# 3157623  
RMT 2 missed the Hourly record on 06-Apr-2023 10:00

RMT 3 incomplete data between 01-Apr-2023 and 13-Apr-2023. HUB# 2965606  
\* 01-Apr-2023 00:00 - 02-Apr-2023 23:59  
\* 11 hours on 03-Apr-2023  
\* 1 hour on 12-Apr-2023  
\* 1 hour 13-Apr-2023

NOTE: Due to the data gap, NMT3 daily TLEQ reading is 0.0dB on 30<sup>th</sup> March, 31<sup>st</sup> March, 1<sup>st</sup> April and 2<sup>nd</sup> April 2023.

Wellington International Airport  
Managed Noise Service  
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## Aircraft LDN

**Daily LDN Table**  
**Apr 1, 2023 to Apr 30, 2023**

	<b>RMT 1 Rongotai</b>	<b>RMT 2 Maupuia</b>	<b>RMT 3 Kekerenga</b>
01-Apr-23	53.9	57.5	0.0
02-Apr-23	54.1	58.9	0.0
03-Apr-23	57.3	54.9	52.4
04-Apr-23	56.2	58.8	56.9
05-Apr-23	54.2	58.9	56.2
06-Apr-23	56.8	57.1	57.0
07-Apr-23	56.4	54.2	52.1
08-Apr-23	55.3	52.4	52.1
09-Apr-23	55.2	58.1	55.9
10-Apr-23	55.4	58.8	58.0
11-Apr-23	55.5	57.4	57.9
12-Apr-23	55.2	58.9	53.6
13-Apr-23	57.0	54.3	51.7
14-Apr-23	58.2	55.7	53.1
15-Apr-23	56.2	54.7	51.2
16-Apr-23	54.6	57.5	56.4
17-Apr-23	53.8	58.5	56.3
18-Apr-23	54.2	58.4	56.5
19-Apr-23	57.6	59.3	56.7
20-Apr-23	54.5	59.6	56.9
21-Apr-23	54.9	59.1	57.8
22-Apr-23	56.8	57.0	55.1
23-Apr-23	55.2	59.5	55.8
24-Apr-23	57.0	58.3	55.8
25-Apr-23	54.3	57.2	54.6
26-Apr-23	57.3	55.7	54.6
27-Apr-23	56.3	58.0	54.6
28-Apr-23	55.9	58.5	58.4
29-Apr-23	53.0	58.2	56.6
30-Apr-23	55.5	57.1	57.0

Wellington International Airport  
Managed Noise Service  
Monthly Report for Apr 2023

## Aircraft Operations

**Operations Analysis**  
**Apr 1, 2023 to Apr 30, 2023**

Operation Type	Day	Night	Total
Arrival	3179	116	3295
Departure	3072	172	3244
<b>Total</b>	<b>6251</b>	<b>288</b>	<b>6539</b>

Jet	Day	Night	Total
A20N - Airbus A-320	129	57	186
A21N - Airbus A-321	38	0	38
A320 - Airbus - A320	1795	35	1830
B38M - Boeing 737 Max 8	18	0	18
B738 - Boeing - 737-800	124	58	182
B752 - Boeing - 757-200	13	0	13
BE40 - Beech - Beechjet 400/T-1 Jayhawk	2	0	2
C25A - Cessna Citation CJ2+	20	0	20
C25B - Cessna Citation CJ3 (twin-jet)	4	0	4
C510 - CESSNA CITIATION MUSTANG	38	0	38
C680 - CESSNA - 680 Citation Sovereign L2J/M	1	0	1
CL60 - Canadair Bombardier - CL600/610 Challenger	4	0	4
E50P - Embraer Phenom 100	2	0	2
FA50 - Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	19	0	19
FA7X - Dassault Falcon 7X	2	0	2
<b>Total</b>	<b>2209</b>	<b>150</b>	<b>2359</b>

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<b>Turboprop</b>	<b>Day</b>	<b>Night</b>	<b>Total</b>
AT75 - Aerospatiale/Aeritalia - ATR-72-500	20	0	20
AT76 - Aerospatiale/Aeritalia - ATR-72-600	538	39	577
B350 - Beech - Super King Air 350	23	2	25
BE20 - Beech - Super King Air 200, 1300	195	23	218
BE9L - Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	14	2	16
C130 - Lockheed - Hercules, Spectre	8	0	8
C208 - Cessna-Caravan 1-208,(Super) Cargomaster, Grand Caravan (U27)	568	40	608
C27J - Alenia C-27J Spartan	2	0	2
C441 - Cessna - Conquest/Conquest 2 - 441	10	0	10
DH8C - Dehavilland - Dash 8, DHC8 - 300	1833	1	1834
JS31 - British Aerospace-BAe-3100 Jetstream 31	38	0	38
JS32 - British Aerospace-BAe-3200 Jetstream Super 31	126	11	137
PAY4 - Piper - Cheyenne 400	5	0	5
PC12 - Pilatus Flugzeugwerke Ag - PC-12	239	15	254
SF34 - Saab - SF-340	26	0	26
TEX2 - Beechcraft T-6A Texan II	1	0	1
<b>Total</b>	<b>3646</b>	<b>133</b>	<b>3779</b>

<b>Others</b>	<b>Day</b>	<b>Night</b>	<b>Total</b>
BE36 - Beech - Bonanza 36	3	0	3
BK17 - MBB/Kawasaki BK 117	11	0	11
BN2P - Britten Norman - BN-2A/B Islander, Defender	33	0	33
C172 - Cessna - Skyhawk 172/Cutlass/Mescalero	17	0	17
C182 - Cessna - Skylane 182	2	0	2
C185 - Cessna - Skywagon 185 (U-17A/B)	2	0	2
C205 - Cessna - Super Skywagon/Super Skylane	1	0	1
C206 - Cessna - Stationair 6, Turbo Stationair 6	1	0	1
C421 - Cessna - Golden Eagle 421	2	0	2
C82T - Cessna TR182 Turbo Skylane RG	2	0	2
DA40 - Diamond DA40	3	0	3
DA42 - DA-42 Diamond Twin Star	2	0	2
EC20 - Eurocopter EC120 Colibri	2	0	2
EC45 - Eurocopter EC145	2	0	2
GA8 - GippsAero GA8 Airvan	31	0	31
H500 - MD Helicopters MD 500	2	0	2
M9 - Beretta M9	4	0	4
NH90 - NH90 Caiman	6	0	6
P28A - Piper - Cherokee, Archer, Warrior, Cadet, Cruiser (PA-28-140/150/151/160/161/180/181)	45	0	45
P28R - Piper - Cherokee Arrow 2/3, Turbo Arrow 3	4	0	4
PA34 - Piper - Seneca 2/3	2	0	2
PA38 - Piper - Tomahawk	100	0	100
T206 - Cessna T206 Turbo Stationair	5	0	5
	114	5	119
<b>Total</b>	<b>396</b>	<b>5</b>	<b>401</b>

<b>Category</b>	<b>Day</b>	<b>Night</b>	<b>Total</b>
Jet	2209	150	2359
Turboprop	3646	133	3779
Other	396	5	401
<b>Total</b>	<b>6251</b>	<b>288</b>	<b>6539</b>

Wellington International Airport  
Managed Noise Service  
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## Uncorrelated Aircraft

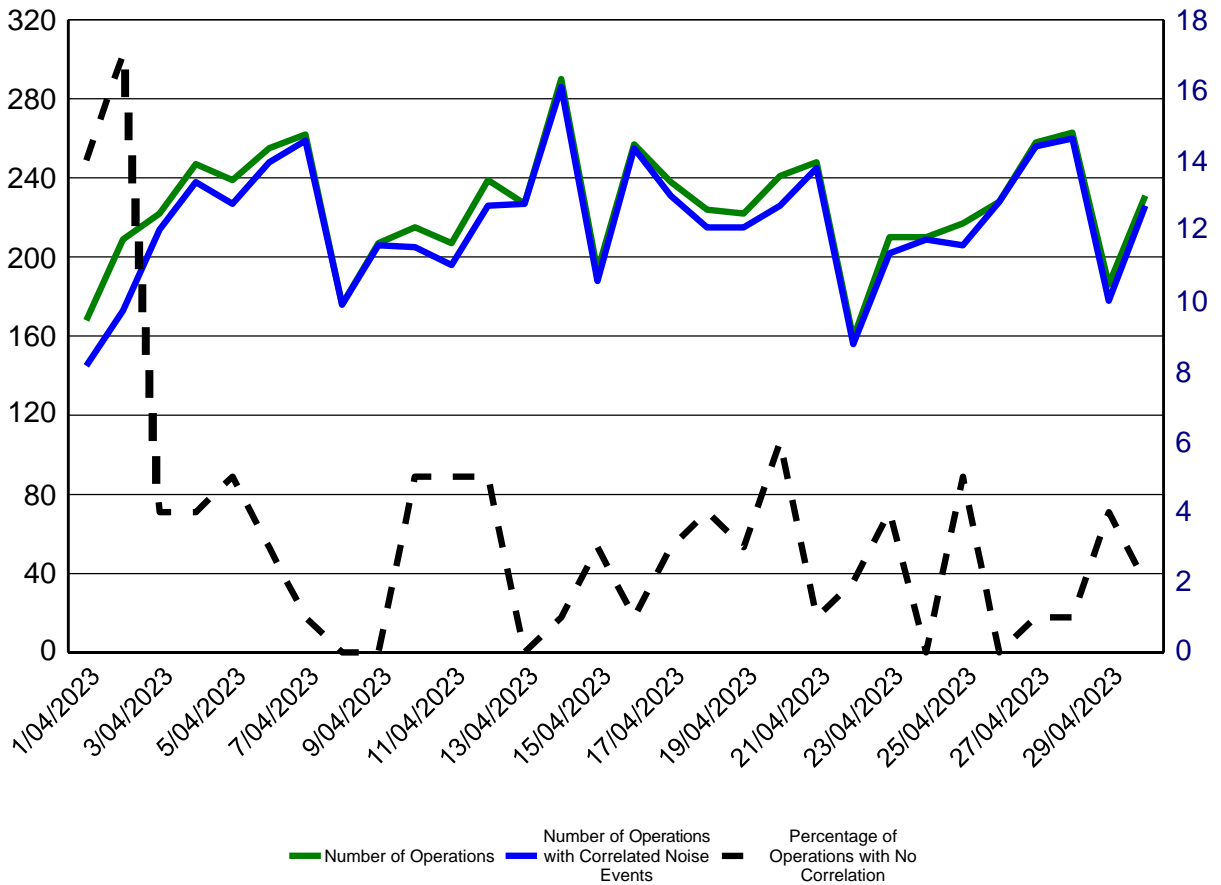
**Uncorrelated Aircraft Analysis**  
**Apr 1, 2023 to Apr 30, 2023**

Date	Number of Operations	Operations with Correlated Noise Events	Percentage of Operations With No Correlated Noise Events	Jets with No Correlated Noise Events
01-Apr-2023	168	145	14%	1
02-Apr-2023	209	173	17%	2
03-Apr-2023	222	214	4%	1
04-Apr-2023	247	238	4%	0
05-Apr-2023	239	227	5%	3
06-Apr-2023	255	248	3%	0
07-Apr-2023	262	259	1%	0
08-Apr-2023	176	176	0%	0
09-Apr-2023	207	206	0%	0
10-Apr-2023	215	205	5%	3
11-Apr-2023	207	196	5%	1
12-Apr-2023	239	226	5%	4
13-Apr-2023	227	227	0%	0
14-Apr-2023	290	286	1%	0
15-Apr-2023	193	188	3%	1
16-Apr-2023	257	255	1%	0
17-Apr-2023	238	231	3%	0
18-Apr-2023	224	215	4%	0
19-Apr-2023	222	215	3%	0
20-Apr-2023	241	226	6%	2
21-Apr-2023	248	245	1%	1
22-Apr-2023	159	156	2%	0
23-Apr-2023	210	202	4%	0
24-Apr-2023	210	209	0%	0
25-Apr-2023	217	206	5%	0
26-Apr-2023	228	228	0%	0
27-Apr-2023	258	256	1%	1
28-Apr-2023	263	260	1%	0
29-Apr-2023	186	178	4%	0
30-Apr-2023	231	226	2%	1



Wellington International Airport  
 Managed Noise Service  
 Monthly Report for Apr 2023

This graph shown below provides a summary of the noise correlation at Wellington Airport during April 2023



Wellington International Airport  
Managed Noise Service  
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### Calibration Report

	RMT 1			RMT 2			RMT 3		
	Measured	Diff.	Status	Measured	Diff.	Status	Measured	Diff.	Status
01-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
02-Apr-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
03-Apr-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
04-Apr-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
05-Apr-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
06-Apr-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
07-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
08-Apr-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
09-Apr-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
10-Apr-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
11-Apr-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
12-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
13-Apr-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
14-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
15-Apr-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
16-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
17-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
18-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
19-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
20-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
21-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
22-Apr-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
23-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
24-Apr-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
25-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
26-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
27-Apr-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
28-Apr-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
29-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
30-Apr-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS



Wellington International Airport  
Managed Noise Service  
Monthly Report for May 2023

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**WELLINGTON INTERNATIONAL**  
**AIRPORT LIMITED**

Managed Noise Service

Monthly Report: May 2023

Provided By: Envirosuite  
Date: 06 June, 2023



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## Summary

This report contains the information required by WIAL as part of the Envirosuite Managed Noise Service Agreement. The month of May saw data collected from all three RMTs with exceptions as follows:

RMT 2 missed the hourly record of 19-May-2023 10:00 . HUB# 3881058

RMT 2 missed the hourly record of 22-May-2023 01:00, 04:00, 05:00. HUB# 3710368

RMT 2 missed the hourly record of 23-May-2023 04:00 – 09:00, 22:00. HUB# 3882226

RMT 2 missed the hourly record of 26-May-2023 11:00. HUB# 3791135

Wellington International Airport  
Managed Noise Service  
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## Aircraft LDN

**Daily LDN Table**  
**May 1, 2023 to May 31, 2023**

	<b>RMT 1 Rongotai</b>	<b>RMT 2 Maupuia</b>	<b>RMT 3 Kekerenga</b>
01-May-23	51.8	53.7	55.6
02-May-23	54.9	58.0	54.9
03-May-23	54.3	58.6	57.1
04-May-23	55.9	58.7	55.8
05-May-23	55.6	58.9	57.5
06-May-23	54.0	56.8	56.1
07-May-23	52.5	57.2	54.3
08-May-23	54.8	58.1	56.1
09-May-23	57.5	58.4	56.5
10-May-23	53.5	60.5	57.8
11-May-23	57.9	59.1	56.3
12-May-23	57.2	56.4	54.6
13-May-23	54.0	57.0	55.0
14-May-23	53.2	57.9	55.6
15-May-23	56.9	55.5	54.1
16-May-23	53.6	54.4	53.4
17-May-23	54.4	57.9	55.3
18-May-23	54.6	57.9	55.7
19-May-23	55.5	58.9	56.3
20-May-23	57.8	58.4	56.2
21-May-23	54.7	56.2	55.3
22-May-23	53.4	60.5	56.2
23-May-23	55.8	55.9	56.3
24-May-23	57.1	55.6	54.6
25-May-23	55.5	58.8	56.0
26-May-23	56.2	58.0	57.4
27-May-23	54.0	59.2	56.7
28-May-23	53.8	58.3	55.6
29-May-23	55.8	58.5	57.3
30-May-23	55.1	57.5	56.4
31-May-23	52.7	58.9	57.0

Wellington International Airport  
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## Aircraft Operations

**Operations Analysis**  
**May 1, 2023 to May 31, 2023**

Operation Type	Day	Night	Total
Arrival	3296	106	3402
Departure	3185	172	3357
<b>Total</b>	<b>6481</b>	<b>278</b>	<b>6759</b>

Jet	Day	Night	Total
A20N - Airbus A-320	123	52	175
A21N - Airbus A-321	65	0	65
A320 - Airbus - A320	1895	35	1930
B38M - Boeing 737 Max 8	22	0	22
B738 - Boeing - 737-800	124	59	183
B752 - Boeing - 757-200	9	0	9
BE40 - Beech - Beechjet 400/T-1 Jayhawk	3	1	4
C25A - Cessna Citation CJ2+	8	0	8
C25B - Cessna Citation CJ3 (twin-jet)	2	0	2
C510 - CESSNA CITIATION MUSTANG	29	2	31
CL60 - Canadair Bombardier - CL600/610 Challenger	4	0	4
F900 - Dassault-Breguet - Falcon 900, Mystere 900 (T-18)	2	0	2
FA50 - Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	14	0	14
GLEX - Bombardier GLOBAL EXPRESS/Sentinel	2	0	2
GLF5 - Gulfstream - Gulfstream 5	8	0	8
PC24 - Pilatus PC-24	1	0	1
<b>Total</b>	<b>2311</b>	<b>149</b>	<b>2460</b>

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<b>Turboprop</b>	<b>Day</b>	<b>Night</b>	<b>Total</b>
AT75 - Aerospatiale/Aeritalia - ATR-72-500	22	0	22
AT76 - Aerospatiale/Aeritalia - ATR-72-600	553	33	586
B350 - Beech - Super King Air 350	21	2	23
BE20 - Beech - Super King Air 200, 1300	190	10	200
BE9L - Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	63	1	64
C130 - Lockheed - Hercules, Spectre	15	0	15
C208 - Cessna-Caravan 1-208,(Super) Cargomaster, Grand Caravan (U27)	476	36	512
C441 - Cessna - Conquest/Conquest 2 - 441	12	0	12
DH8C - Dehavilland - Dash 8, DHC8 - 300	1879	0	1879
JS31 - British Aerospace-BAe-3100 Jetstream 31	45	0	45
JS32 - British Aerospace-BAe-3200 Jetstream Super 31	143	22	165
MU2 - Mitsubishi - MU-2, Marquise, Solitaire	2	0	2
PAY4 - Piper - Cheyenne 400	3	0	3
PC12 - Pilatus Flugzeugwerke Ag - PC-12	333	20	353
SF34 - Saab - SF-340	7	0	7
<b>Total</b>	<b>3764</b>	<b>124</b>	<b>3888</b>

<b>Others</b>	<b>Day</b>	<b>Night</b>	<b>Total</b>
B06 - BELL B-206 JetRanger	2	0	2
BK17 - MBB/Kawasaki BK 117	21	0	21
BN2P - Britten Norman - BN-2A/B Islander, Defender	18	0	18
C152 - Cessna - Cessna 152	2	0	2
C172 - Cessna - Skyhawk 172/Cutlass/Mescalero	32	0	32
C177 - Cessna - Cardinal 177	2	0	2
C206 - Cessna - Stationair 6, Turbo Stationair 6	12	0	12
C421 - Cessna - Golden Eagle 421	1	0	1
DA40 - Diamond DA40	10	0	10
GA8 - GippsAero GA8 Airvan	43	0	43
H500 - MD Helicopters MD 500	2	0	2
M9 - Beretta M9	6	0	6
NH90 - NH90 Caiman	2	0	2
P28A - Piper - Cherokee, Archer, Warrior, Cadet, Cruiser (PA-28-140/150/151/160/161/180/181)	33	0	33
PA34 - Piper - Seneca 2/3	12	0	12
PA38 - Piper - Tomahawk	83	0	83
PA44 - Piper - Seminole, Turbo Seminole	2	0	2
RV12 - Vans RV-12	2	0	2
SR22 - Cirrus - SR-22	7	0	7
Unknown	114	5	119
<b>Total</b>	<b>406</b>	<b>5</b>	<b>411</b>

<b>Category</b>	<b>Day</b>	<b>Night</b>	<b>Total</b>
Jet	2311	149	2460
Turboprop	3764	124	3888
Other	406	5	411
<b>Total</b>	<b>6481</b>	<b>278</b>	<b>6759</b>



Wellington International Airport  
Managed Noise Service  
Monthly Report for May 2023

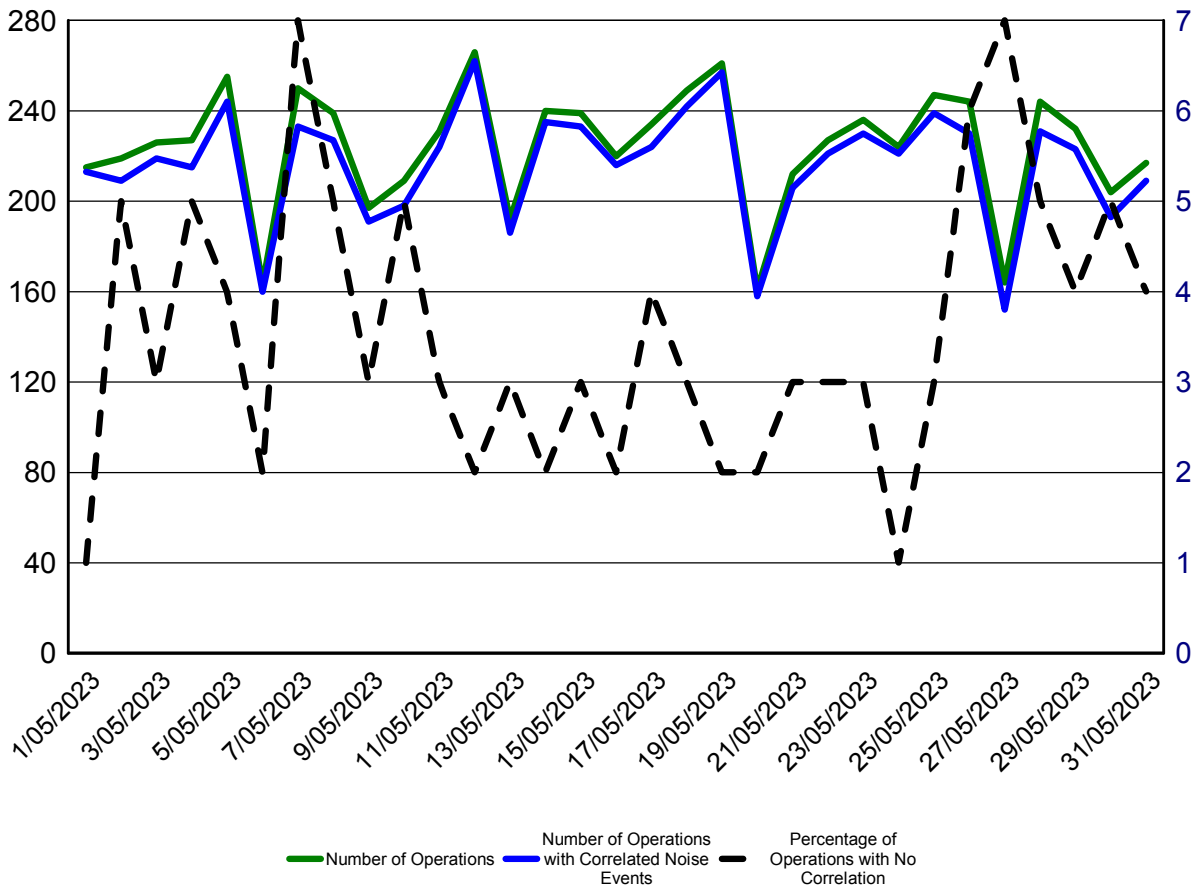
## Uncorrelated Aircraft

**Uncorrelated Aircraft Analysis**  
**May 1, 2023 to May 31, 2023**

Date	Number of Operations	Operations with Correlated Noise Events	Percentage of Operations With No Correlated Noise Events	Jets with No Correlated Noise Events
01-May-2023	215	213	1%	0
02-May-2023	219	209	5%	1
03-May-2023	226	219	3%	1
04-May-2023	227	215	5%	0
05-May-2023	255	244	4%	2
06-May-2023	163	160	2%	0
07-May-2023	250	233	7%	0
08-May-2023	239	227	5%	1
09-May-2023	197	191	3%	0
10-May-2023	209	198	5%	1
11-May-2023	231	224	3%	1
12-May-2023	266	262	2%	1
13-May-2023	192	186	3%	0
14-May-2023	240	235	2%	0
15-May-2023	239	233	3%	0
16-May-2023	220	216	2%	1
17-May-2023	234	224	4%	1
18-May-2023	249	242	3%	3
19-May-2023	261	257	2%	1
20-May-2023	161	158	2%	1
21-May-2023	212	206	3%	1
22-May-2023	227	221	3%	1
23-May-2023	236	230	3%	2
24-May-2023	224	221	1%	0
25-May-2023	247	239	3%	0
26-May-2023	244	230	6%	1
27-May-2023	164	152	7%	0
28-May-2023	244	231	5%	0
29-May-2023	232	223	4%	1
30-May-2023	204	193	5%	1
31-May-2023	217	209	4%	0

Wellington International Airport  
 Managed Noise Service  
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This graph shown below provides a summary of the noise correlation at Wellington Airport during May 2023



Wellington International Airport  
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**Calibration Report**

	RMT 1			RMT 2			RMT 3		
	Measured	Diff.	Status	Measured	Diff.	Status	Measured	Diff.	Status
01-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
02-May-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
03-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
04-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
05-May-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
06-May-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
07-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
08-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
09-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
10-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
11-May-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
12-May-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
13-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
14-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
15-May-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
16-May-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
17-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
18-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
19-May-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
20-May-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
21-May-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
22-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
23-May-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
24-May-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
25-May-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
26-May-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
27-May-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
28-May-2023	88.0	-0.1	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
29-May-2023	88.1	0.0	SUCCESS	87.6	0.1	SUCCESS	88.0	0.0	SUCCESS
30-May-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS
31-May-2023	88.1	0.0	SUCCESS	87.7	0.2	SUCCESS	88.0	0.0	SUCCESS