

Wellington Airport

Noise Compliance Reporting

June, July, August 2025

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
8 September 2025

Noise Enquiries Summary *

Date	Time	Suburb	Query	Source / Action	Category
12/06/2025	1:15am	Moa Point	Beeping similar to vehicle reversing along with sound of earthwork machine engines. Loud for 3 hours and disturbed sleep.	Works associated with seawall maintenance works. Project Manager was in touch with construction contractors to see what can be done. Confirmed it was a roller operating in the site to compact the ground. From a Health and Safety perspective this can't be silenced, however they have been trying to operate this machine in the opposite direction to try direct the beeping sound west. Complainant confirmed the following night that the noise had stopped.	CON
16/06/2025	00:05am	Ngaio	Complainant thought overhead flight at 00:55 was during curfew.	Flight arrived from Sydney and therefore complied with international curfew.	OVR
17/06/2025		Karaka Bays	Small aircraft circling around Mt Crawford and Karaka Bays. Asking why they are allowed to do so and circling seems unnecessary.	Flights were associated with the aeroclub. Airways instruct Aeroclub to fly north of the Mt Crawford prison for departures and arrivals. Pilots themselves also have a certain amount of autonomy regarding where they fly i.e. they can ask the Airways Control Tower for clearance to depart from the standard route/flight path, as long as they are in compliance with the CAA rules. Additionally, under Civil Aviation Authority (CAA) rules, aircraft are allowed to fly over populous areas at a height of 1000ft above ground level or 1500ft above mean seal level (whichever is the greater). If an aircraft is flying in accordance with these rules and within the normal flying hours for Wellington Airport, the Airport itself has no control or jurisdiction.	OVR
7/07/2025	2pm	Mt Victoria	A small noisy plane cutting laps above Newtown for 5-10 minutes. Plane ZKTWR.	Aeroclub flight. The flight was a flight training session. The were instructed to hold downwind from the control tower at the airport due to two arriving emergency aircraft. They were holding at a compliant height and unfortunately there was nothing they could have done differently in this instance.	OVR
14/07/2025	9:40am	Karaka Bays	Plane flying directly over Miramar peninsula residential area from east to west.	As was mentioned in the previous response, if an aircraft is flying in accordance with CAA rules (which it was) and within the normal flying hours for Wellington Airport, the Airport itself has no control or jurisdiction. The flight was also in accordance with the agreed path with Airways (north of Mt Crawford Prison)	OVR
18/08/2025	2:38am	Broadmeadows	Aircraft noise overhead, a couple of times in Broadmeadows, early hours of morning.	Aircraft in question was a medical helicopter flight going to and from Wellington Hospital (did not use Wellington Airport). As such Airport has no jurisdiction over flight. Nevertheless, would have been exempt from curfew as it was a medical flight.	OVR
23/08/2025	2:16pm - 3:16pm	Karaka Bays	Multiple aeroclub aircraft overhead during the day. Claims aircraft are going south of the prison.	Flights were in accordance with CAA rules and Noise Abatement Procedures.	OVR

GPU - GPU/APU use

CON - WIAL construction works

ENG - Engine testing

SIN - single noisy aircraft movement

CUR - airport movemnet during curfew hours

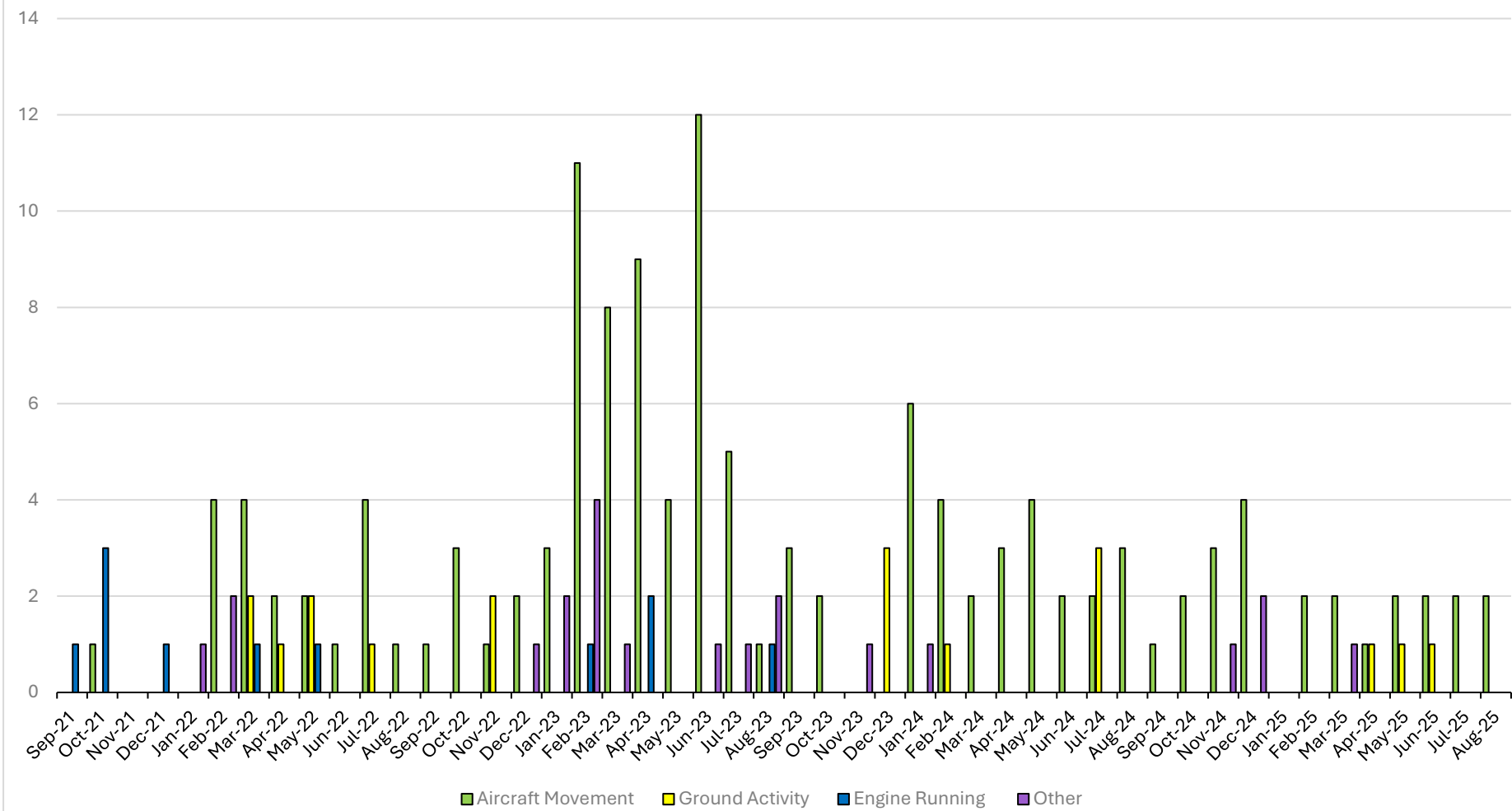
OVR - overflight/holding/circling aircraft

CAA - low flying/safety complaints

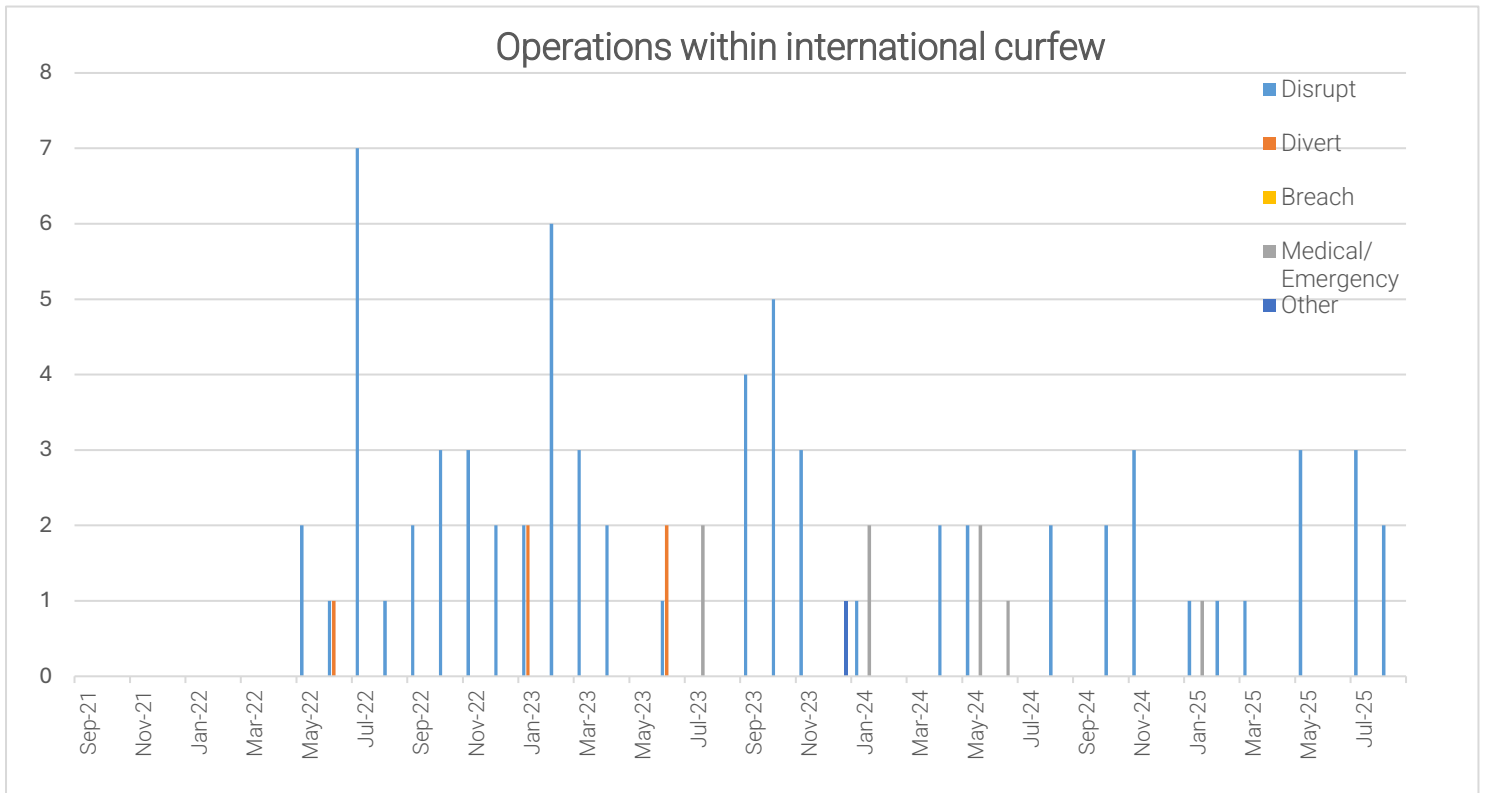
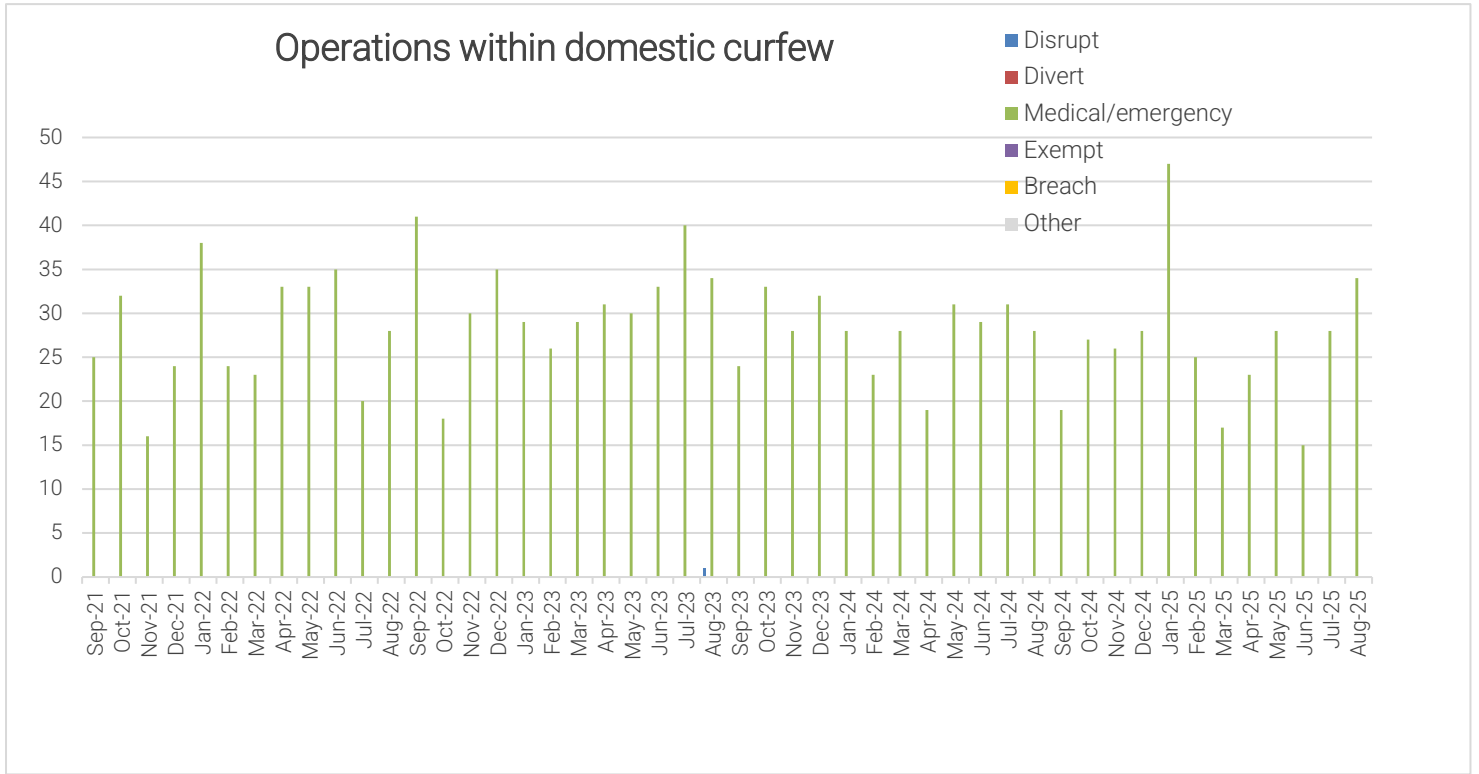
QRY - enquiries about rules etc

OTH - other feedback

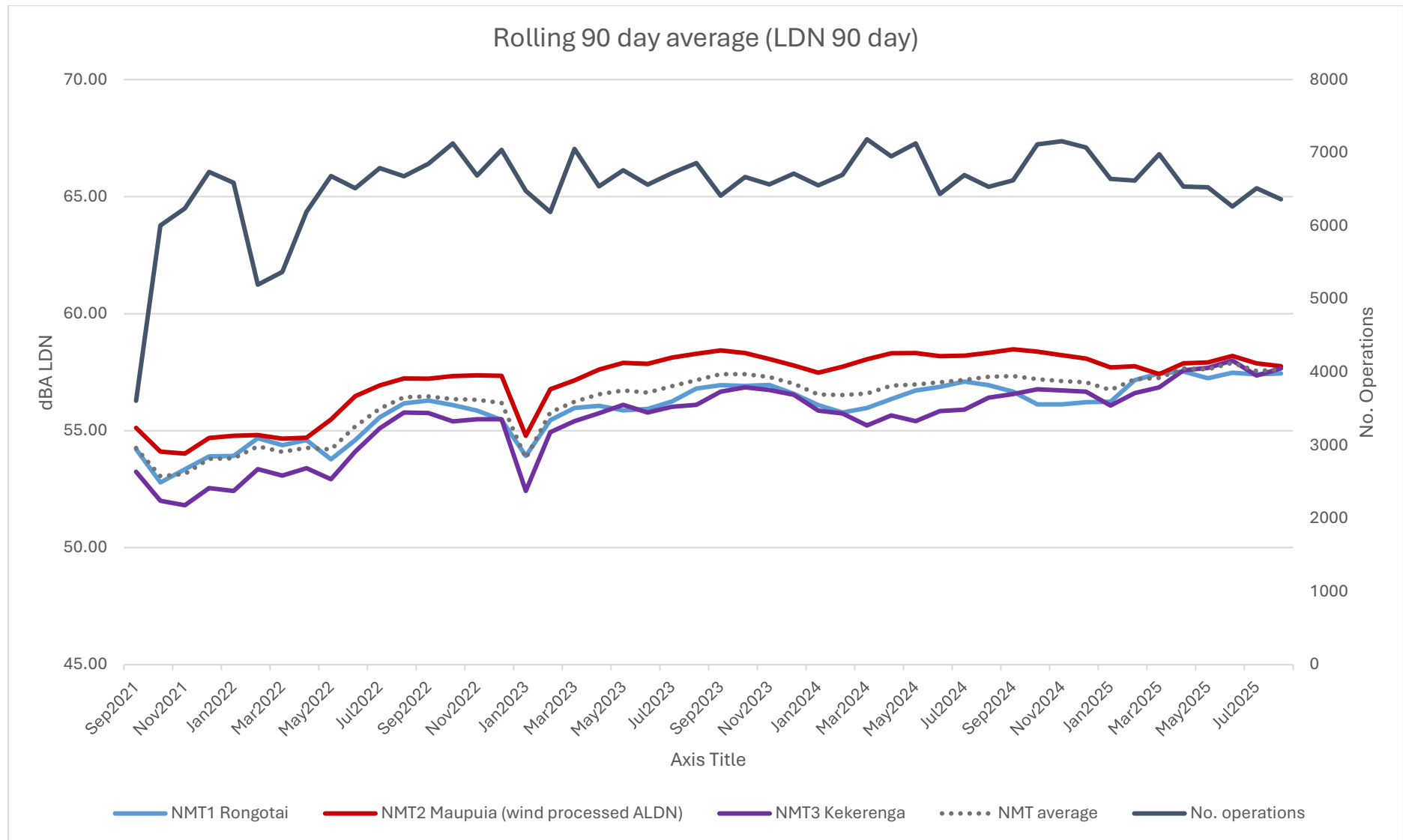
Noise Enquiries to end of August 2025



CURFEW GRAPHS



LDN COMPLIANCE GRAPH (as at August 2025)





WELLINGTON INTERNATIONAL
AIRPORT LIMITED

Managed Noise Service

Monthly Report: Jun 2025

Provided By: Envirosuite
Date: 01 July, 2025

Wellington International Airport
Managed Noise Service
Monthly Report for Jun 2025

Table of Contents

SUMMARY	3
AIRCRAFT LDN	4
AIRCRAFT OPERATIONS	5
UNCORRELATED AIRCRAFT	7
CALIBRATION REPORT	9



Summary

This report contains the information required by WIAL as part of the Envirosuite Managed Noise Service Agreement. The month of June saw data collected from all three RMTs with no exceptions.

Wellington International Airport
Managed Noise Service
Monthly Report for Jun 2025

Aircraft LDN

Daily LDN Table
Jun 1, 2025 to Jun 30, 2025

	RMT 1 Rongatai	RMT 2 Maupuia	RMT 3 Kekerenga St
01-Jun-25	57.7	57.2	55.9
02-Jun-25	54.6	59.1	55.7
03-Jun-25	58.8	56.0	59.9
04-Jun-25	60.7	59.0	61.8
05-Jun-25	60.8	54.8	61.6
06-Jun-25	58.6	59.3	57.1
07-Jun-25	59.8	60.5	58.2
08-Jun-25	51.5	54.9	55.2
09-Jun-25	58.3	56.4	55.8
10-Jun-25	56.6	55.7	55.2
11-Jun-25	56.0	59.7	58.9
12-Jun-25	56.3	55.7	56.5
13-Jun-25	59.3	56.5	56.2
14-Jun-25	56.7	54.2	54.0
15-Jun-25	55.9	58.1	55.9
16-Jun-25	59.0	55.8	53.4
17-Jun-25	58.0	55.4	54.5
18-Jun-25	56.6	59.8	59.1
19-Jun-25	57.2	60.1	60.1
20-Jun-25	55.9	60.0	57.2
21-Jun-25	57.1	55.2	54.9
22-Jun-25	57.3	57.3	56.3
23-Jun-25	57.6	54.4	56.4
24-Jun-25	55.5	59.3	58.5
25-Jun-25	56.4	60.4	59.0
26-Jun-25	62.7	60.7	62.8
27-Jun-25	57.2	60.5	59.2
28-Jun-25	57.3	58.6	57.2
29-Jun-25	55.4	55.0	55.3
30-Jun-25	57.4	59.7	57.9

Wellington International Airport
Managed Noise Service
Monthly Report for Jun 2025

Aircraft Operations

Operations Analysis
Jun 1, 2025 to Jun 30, 2025

Operation Type	Day	Night	Total
Arrival	3034	126	3160
Departure	2911	194	3105
Total	5945	320	6265

Jet	Day	Night	Total
A20N - Airbus A-320	61	57	118
A21N - Airbus A-321	52	0	52
A320 - Airbus - A320	1503	68	1571
B38M - Boeing 737 Max 8	24	0	24
B734 - Boeing - 737-400	4	0	4
B738 - Boeing - 737-800	156	78	234
B752 - Boeing - 757-200	14	0	14
C25A - Cessna Citation CJ2+	7	0	7
C25B - Cessna Citation CJ3 (twin-jet)	2	0	2
C510 - CESSNA CITIATION MUSTANG	18	0	18
CL60 - Canadair Bombardier - CL600/610 Challenger	2	0	2
E190 - Embraer E190	8	0	8
E55P - Embraer EMB-505 Phenom 300	2	0	2
FA50 - Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	2	0	2
GLF5 - Gulfstream - Gulfstream 5	2	0	2
LJ60 - Gates Learjet - Learjet 60	1	0	1
Total	1858	203	2061

Wellington International Airport
Managed Noise Service
Monthly Report for Jun 2025

Turboprop	Day	Night	Total
AT75 - Aerospatiale/Aeritalia - ATR-72-500	20	0	20
AT76 - Aerospatiale/Aeritalia - ATR-72-600	888	18	906
B350 - Beech - Super King Air 350	13	0	13
BE20 - Beech - Super King Air 200, 1300	362	28	390
BE9L - Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	17	1	18
C208 - Cessna-Caravan 1-208,(Super) Cargomaster, Grand Caravan (U27)	724	42	766
C30J - C-130J Hercules	10	1	11
DH8C - Dehavilland - Dash 8, DHC8 - 300	1483	16	1499
JS31 - British Aerospace-BAe-3100 Jetstream 31	13	0	13
JS32 - British Aerospace-BAe-3200 Jetstream Super 31	61	0	61
PC12 - Pilatus Flugzeugwerke Ag - PC-12	147	5	152
SF34 - Saab - SF-340	3	0	3
TEX2 - Beechcraft T-6A Texan II	2	0	2
Total	3743	111	3854

Others	Day	Night	Total
AS50 - Eurocopter AS350 Ecureuil	2	0	2
BK17 - MBB/Kawasaki BK 117	55	5	60
BN2P - Britten Norman - BN-2A/B Islander, Defender	6	0	6
C152 - Cessna - Cessna 152	7	0	7
C172 - Cessna - Skyhawk 172/Cutlass/Mescalero	39	0	39
C206 - Cessna - Stationair 6, Turbo Stationair 6	4	0	4
CJ6 - Nanchang CJ-6	12	0	12
GA8 - GippsAero GA8 Airvan	41	0	41
H60 - Sikorsky S-70	2	0	2
JS3A - British Aerospace (BAe) - Jetstream 3	1	0	1
M9 - Beretta M9	5	1	6
NH90 - NH90 Caiman	3	0	3
P28A - Piper - Cherokee, Archer, Warrior, Cadet, Cruiser (PA-28-140/150/151/160/161/180/181)	29	0	29
P8 - Boeing 737-800 Poseidon	1	0	1
PA28 - Piper PA-28 Cherokee	2	0	2
PA38 - Piper - Tomahawk	121	0	121
PA44 - Piper - Seminole, Turbo Seminole	3	0	3
SR22 - Cirrus - SR-22	1	0	1
Unknown	10	0	10
Total	344	6	350

Category	Day	Night	Total
Jet	1858	203	2061
Turboprop	3743	111	3854
Other	344	6	350
Total	5945	320	6265

Wellington International Airport
Managed Noise Service
Monthly Report for Jun 2025

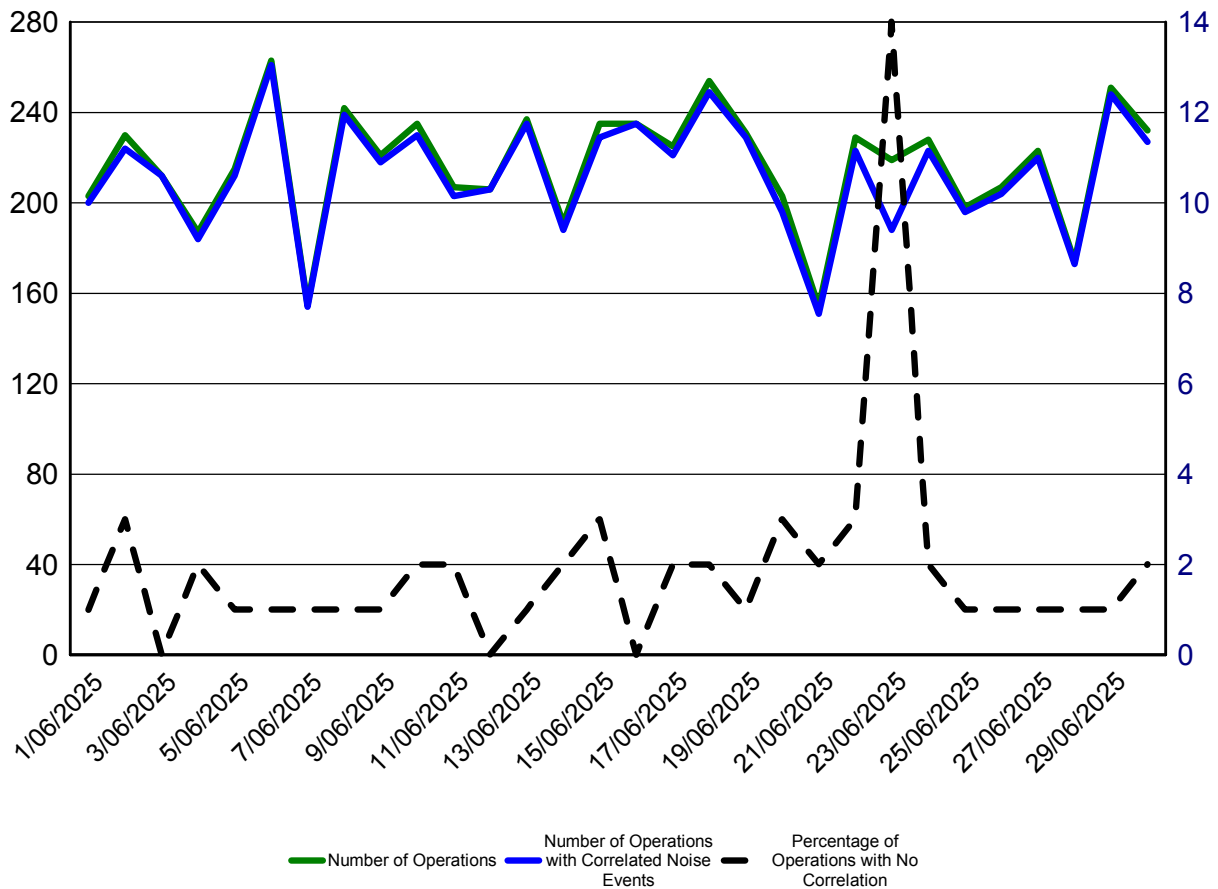
Uncorrelated Aircraft

Uncorrelated Aircraft Analysis
Jun 1, 2025 to Jun 30, 2025

Date	Number of Operations	Operations with Correlated Noise Events	Percentage of Operations With No Correlated Noise Events	Jets with No Correlated Noise Events
01-Jun-2025	203	200	1%	0
02-Jun-2025	230	224	3%	0
03-Jun-2025	212	212	0%	0
04-Jun-2025	187	184	2%	0
05-Jun-2025	215	212	1%	0
06-Jun-2025	263	261	1%	1
07-Jun-2025	155	154	1%	0
08-Jun-2025	242	239	1%	1
09-Jun-2025	221	218	1%	0
10-Jun-2025	235	230	2%	0
11-Jun-2025	207	203	2%	0
12-Jun-2025	206	206	0%	0
13-Jun-2025	237	235	1%	0
14-Jun-2025	191	188	2%	0
15-Jun-2025	235	229	3%	1
16-Jun-2025	235	235	0%	0
17-Jun-2025	225	221	2%	0
18-Jun-2025	254	249	2%	0
19-Jun-2025	231	229	1%	0
20-Jun-2025	203	196	3%	1
21-Jun-2025	154	151	2%	0
22-Jun-2025	229	223	3%	0
23-Jun-2025	219	188	14%	9
24-Jun-2025	228	223	2%	0
25-Jun-2025	198	196	1%	1
26-Jun-2025	207	204	1%	0
27-Jun-2025	223	220	1%	0
28-Jun-2025	174	173	1%	0
29-Jun-2025	251	248	1%	0
30-Jun-2025	232	227	2%	0

Wellington International Airport Managed Noise Service Monthly Report for Jun 2025

This graph shown below provides a summary of the noise correlation at Wellington Airport during June 2025



Wellington International Airport
Managed Noise Service
Monthly Report for Jun 2025

Calibration Report

	RMT 1			RMT 2			RMT 3		
	Measured	Diff.	Status	Measured	Diff.	Status	Measured	Diff.	Status
01-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
02-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
03-Jun-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	0.0	0.0	Unknown
04-Jun-2025	-36.5	-0.1	Success	-36.4	0.0	Success	0.0	0.0	Background Noise Level Hi
05-Jun-2025	-36.4	-0.1	Success	-36.2	0.2	Success	0.0	0.0	Unknown
06-Jun-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
07-Jun-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.6	0.2	Success
08-Jun-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.7	0.0	Success
09-Jun-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
10-Jun-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
11-Jun-2025	-36.5	-0.1	Success	-36.4	0.0	Success	-36.7	0.1	Success
12-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.7	0.0	Success
13-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.9	-0.2	Success
14-Jun-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
15-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
16-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
17-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
18-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
19-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	0.0	0.0	Unknown
20-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
21-Jun-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
22-Jun-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.7	0.0	Success
23-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
24-Jun-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.7	0.1	Success
25-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	0.0	0.0	Unknown
26-Jun-2025	-36.5	-0.1	Success	-36.4	0.1	Success	0.0	0.0	Background Noise Level Hi
27-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
28-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
29-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
30-Jun-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success



WELLINGTON INTERNATIONAL
AIRPORT LIMITED

Managed Noise Service

Monthly Report: Jul 2025

Provided By: Envirosuite
Date: 01 August, 2025



Table of Contents

SUMMARY	3
AIRCRAFT LDN	4
AIRCRAFT OPERATIONS	5
UNCORRELATED AIRCRAFT	7
CALIBRATION REPORT	9

Wellington International Airport
Managed Noise Service
Monthly Report for Jul 2025

Summary

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

NMT 3 intermittently incomplete hourly data between 26 July 2025 - 31 July 2025.
HUB#21692527

- *NMT 3 missed whole hourly record between 26-Jul-2025 15:00 - 26-Jul-2025 23:59.
- *NMT 3 missed whole hourly record between 27-Jul-2025 02:00 - 27-Jul-2025 23:59.
- *NMT 3 missed whole hourly record between 28-Jul-2025 07:00 - 28-Jul-2025 23:59.
- *NMT 3 missed whole hourly record between 29-Jul-2025 09:00 - 29-Jul-2025 23:59.
- *NMT 3 missed whole hourly record between 30-Jul-2025 02:00 - 31-Jul-2025 12:59.
- *NMT 3 missed whole hourly record between 31-Jul-2025 15:00 - 31-Jul-2025 23:59.

Wellington International Airport
Managed Noise Service
Monthly Report for Jul 2025

Aircraft LDN

Daily LDN Table
Jul 1, 2025 to Jul 31, 2025

	RMT 1 Rongatai	RMT 2 Maupuia	RMT 3 Kekerenga St
01-Jul-25	55.3	58.5	56.8
02-Jul-25	56.4	58.5	58.9
03-Jul-25	57.1	58.5	58.0
04-Jul-25	58.0	57.7	58.5
05-Jul-25	58.6	54.2	55.1
06-Jul-25	56.7	54.5	52.9
07-Jul-25	58.1	54.6	54.1
08-Jul-25	56.9	55.4	55.8
09-Jul-25	56.0	58.8	57.6
10-Jul-25	56.6	58.5	57.5
11-Jul-25	56.9	59.6	58.4
12-Jul-25	55.8	57.5	57.8
13-Jul-25	54.9	58.8	57.9
14-Jul-25	56.1	59.7	58.8
15-Jul-25	56.4	59.5	57.7
16-Jul-25	56.4	56.1	56.0
17-Jul-25	57.4	58.6	56.1
18-Jul-25	56.2	55.5	55.5
19-Jul-25	53.8	57.5	54.7
20-Jul-25	55.9	53.7	51.8
21-Jul-25	57.8	55.0	54.0
22-Jul-25	57.8	54.8	54.8
23-Jul-25	58.6	54.8	54.3
24-Jul-25	55.4	58.7	57.4
25-Jul-25	55.6	59.1	58.2
26-Jul-25	53.6	58.6	58.4
27-Jul-25	54.4	57.4	0.0
28-Jul-25	55.9	59.2	0.0
29-Jul-25	55.0	58.1	0.0
30-Jul-25	56.9	58.5	0.0
31-Jul-25	58.7	55.5	47.6

Wellington International Airport
Managed Noise Service
Monthly Report for Jul 2025

Aircraft Operations

Operations Analysis
Jul 1, 2025 to Jul 31, 2025

Operation Type	Day	Night	Total
Arrival	3144	140	3284
Departure	3022	209	3231
Total	6166	349	6515

Jet	Day	Night	Total
A20N - Airbus A-320	61	60	121
A21N - Airbus A-321	46	0	46
A320 - Airbus - A320	1608	75	1683
B38M - Boeing 737 Max 8	26	0	26
B738 - Boeing - 737-800	162	78	240
BE40 - Beech - Beechjet 400/T-1 Jayhawk	1	1	2
C25A - Cessna Citation CJ2+	13	0	13
C25B - Cessna Citation CJ3 (twin-jet)	6	0	6
C510 - CESSNA CITIATION MUSTANG	10	0	10
C560 - Cessna - Citation 5	2	0	2
E190 - Embraer E190	6	0	6
E50P - Embraer Phenom 100	8	0	8
FA50 - Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	2	0	2
GLEX - Bombardier GLOBAL EXPRESS/Sentinel	6	0	6
GLF5 - Gulfstream - Gulfstream 5	3	0	3
GLF6 - Gulfstream G650	2	0	2
LJ60 - Gates Learjet - Learjet 60	2	0	2
Total	1964	214	2178

Wellington International Airport
Managed Noise Service
Monthly Report for Jul 2025

Turboprop	Day	Night	Total
AT75 - Aerospatiale/Aeritalia - ATR-72-500	18	0	18
AT76 - Aerospatiale/Aeritalia - ATR-72-600	911	21	932
B350 - Beech - Super King Air 350	38	4	42
BE20 - Beech - Super King Air 200, 1300	307	32	339
BE9L - Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	38	0	38
C130 - Lockheed - Hercules, Spectre	2	0	2
C208 - Cessna-Caravan 1-208,(Super) Cargomaster, Grand Caravan (U27)	772	44	816
C30J - C-130J Hercules	2	0	2
DH8C - Dehavilland - Dash 8, DHC8 - 300	1550	21	1571
JS31 - British Aerospace-BAe-3100 Jetstream 31	12	0	12
JS32 - British Aerospace-BAe-3200 Jetstream Super 31	63	0	63
P46T - Piper - Malibu Meridian	2	0	2
PC12 - Pilatus Flugzeugwerke Ag - PC-12	212	6	218
SF34 - Saab - SF-340	6	0	6
Total	3933	128	4061

Others	Day	Night	Total
BE36 - Beech - Bonanza 36	2	0	2
BK17 - MBB/Kawasaki BK 117	58	7	65
BN2P - Britten Norman - BN-2A/B Islander, Defender	6	0	6
C152 - Cessna - Cessna 152	4	0	4
C172 - Cessna - Skyhawk 172/Cutlass/Mescalero	45	0	45
CJ6 - Nanchang CJ-6	2	0	2
GA8 - GippsAero GA8 Airvan	24	0	24
NH90 - NH90 Caiman	3	0	3
P28A - Piper - Cherokee, Archer, Warrior, Cadet, Cruiser (PA-28-140/150/151/160/161/180/181)	48	0	48
P28R - Piper - Cherokee Arrow 2/3, Turbo Arrow 3	2	0	2
P8 - Boeing 737-800 Poseidon	1	0	1
PA38 - Piper - Tomahawk	68	0	68
Unknown	6	0	6
Total	269	7	276

Category	Day	Night	Total
Jet	1964	214	2178
Turboprop	3933	128	4061
Other	269	7	276
Total	6166	349	6515

Wellington International Airport
Managed Noise Service
Monthly Report for Jul 2025

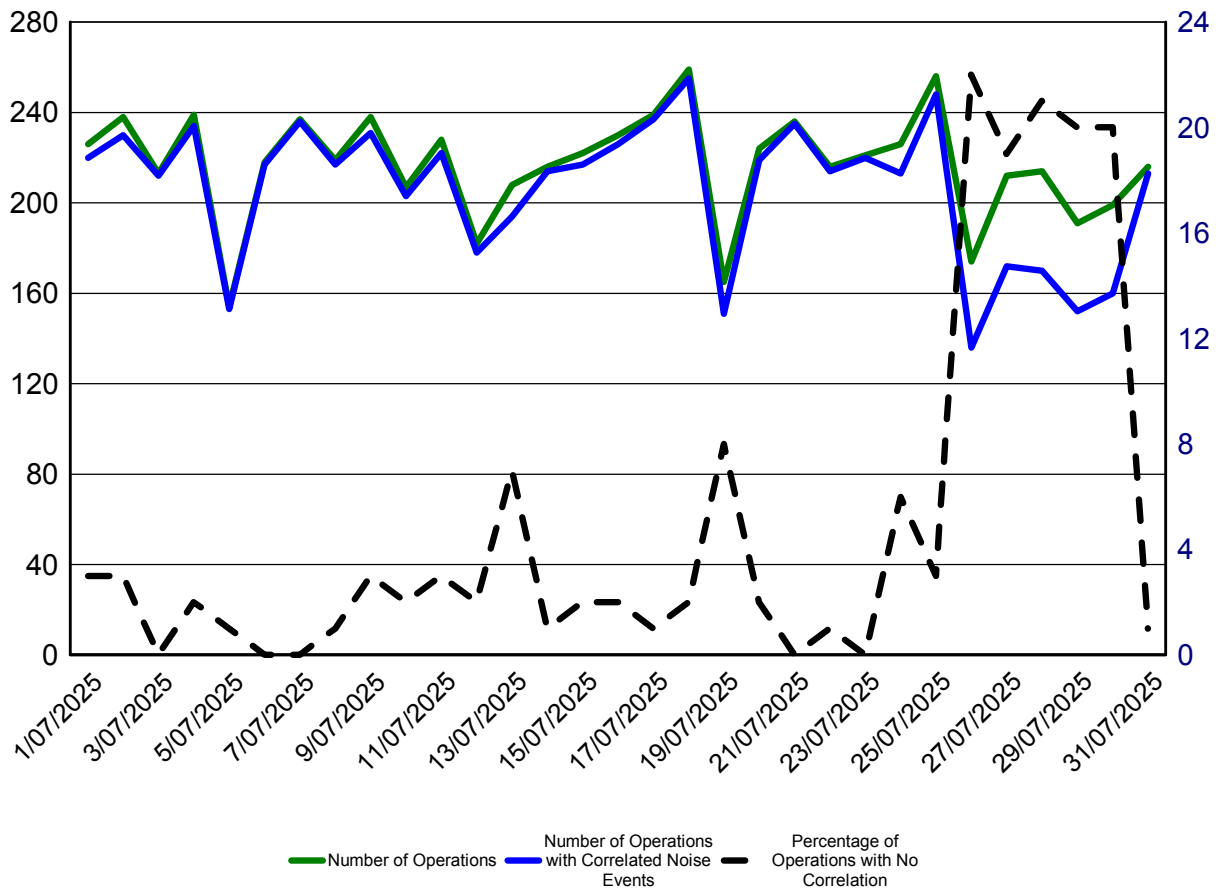
Uncorrelated Aircraft

Uncorrelated Aircraft Analysis
Jul 1, 2025 to Jul 31, 2025

Date	Number of Operations	Operations with Correlated Noise Events	Percentage of Operations With No Correlated Noise Events	Jets with No Correlated Noise Events
01-Jul-2025	226	220	3%	0
02-Jul-2025	238	230	3%	1
03-Jul-2025	213	212	0%	0
04-Jul-2025	239	234	2%	0
05-Jul-2025	154	153	1%	1
06-Jul-2025	218	217	0%	0
07-Jul-2025	237	236	0%	0
08-Jul-2025	219	217	1%	1
09-Jul-2025	238	231	3%	0
10-Jul-2025	207	203	2%	1
11-Jul-2025	228	222	3%	0
12-Jul-2025	182	178	2%	0
13-Jul-2025	208	194	7%	2
14-Jul-2025	216	214	1%	0
15-Jul-2025	222	217	2%	0
16-Jul-2025	230	226	2%	0
17-Jul-2025	239	237	1%	1
18-Jul-2025	259	255	2%	0
19-Jul-2025	165	151	8%	6
20-Jul-2025	224	219	2%	4
21-Jul-2025	236	235	0%	0
22-Jul-2025	216	214	1%	0
23-Jul-2025	221	220	0%	0
24-Jul-2025	226	213	6%	3
25-Jul-2025	256	248	3%	2
26-Jul-2025	174	136	22%	5
27-Jul-2025	212	172	19%	1
28-Jul-2025	214	170	21%	3
29-Jul-2025	191	152	20%	2
30-Jul-2025	199	160	20%	5
31-Jul-2025	216	213	1%	1

Wellington International Airport Managed Noise Service Monthly Report for Jul 2025

This graph shown below provides a summary of the noise correlation at Wellington Airport during July 2025



Wellington International Airport
Managed Noise Service
Monthly Report for Jul 2025

Calibration Report

	RMT 1			RMT 2			RMT 3		
	Measured	Diff.	Status	Measured	Diff.	Status	Measured	Diff.	Status
01-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
02-Jul-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
03-Jul-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
04-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
05-Jul-2025	-36.4	-0.1	Success	-36.3	0.2	Success	-37.1	-0.3	Success
06-Jul-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
07-Jul-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
08-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.7	0.0	Success
09-Jul-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
10-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
11-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
12-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
13-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.7	0.0	Success
14-Jul-2025	-36.5	-0.1	Success	-36.4	0.0	Success	-36.8	0.0	Success
15-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
16-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
17-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
18-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
19-Jul-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
20-Jul-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.5	0.3	Success
21-Jul-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
22-Jul-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
23-Jul-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
24-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
25-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
26-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
27-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
28-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
29-Jul-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
30-Jul-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.4	0.4	Success
31-Jul-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	0.0	0.0	Background Noise Level Hi



WELLINGTON INTERNATIONAL
AIRPORT LIMITED

Managed Noise Service

Monthly Report: Aug 2025

Provided By: Envirosuite
Date: 02 September, 2025



Table of Contents

SUMMARY	3
AIRCRAFT LDN	4
AIRCRAFT OPERATIONS	5
UNCORRELATED AIRCRAFT	7
CALIBRATION REPORT	9



Summary

This report contains the information required by WIAL as part of the Envirosuite Managed Noise Service Agreement. The month of August saw data collected from all three RMTs with no exceptions.

Wellington International Airport
Managed Noise Service
Monthly Report for Aug 2025

Aircraft LDN

Daily LDN Table
Aug 1, 2025 to Aug 31, 2025

	RMT 1 Rongatai	RMT 2 Maupuia	RMT 3 Kekerenga St
01-Aug-25	56.6	54.4	41.8
02-Aug-25	56.3	58.5	56.7
03-Aug-25	58.8	54.9	54.2
04-Aug-25	57.7	54.6	54.1
05-Aug-25	57.1	54.1	54.4
06-Aug-25	55.4	57.0	57.7
07-Aug-25	54.7	59.2	58.0
08-Aug-25	59.5	54.8	60.5
09-Aug-25	58.8	49.1	58.4
10-Aug-25	59.9	53.1	57.6
11-Aug-25	59.3	56.2	56.7
12-Aug-25	58.2	56.1	55.1
13-Aug-25	58.1	54.6	54.8
14-Aug-25	55.8	58.6	58.6
15-Aug-25	55.7	59.7	58.4
16-Aug-25	54.9	58.3	56.6
17-Aug-25	55.3	57.7	55.6
18-Aug-25	55.7	59.4	58.9
19-Aug-25	59.7	60.9	59.3
20-Aug-25	59.7	58.5	57.6
21-Aug-25	58.8	55.2	55.2
22-Aug-25	57.3	55.6	55.4
23-Aug-25	54.3	58.3	56.2
24-Aug-25	54.6	58.3	57.5
25-Aug-25	55.8	59.0	58.9
26-Aug-25	55.4	58.0	59.8
27-Aug-25	54.8	58.8	63.4
28-Aug-25	62.9	56.9	63.0
29-Aug-25	55.7	60.3	59.4
30-Aug-25	55.3	60.7	58.0
31-Aug-25	58.7	58.3	57.4

Wellington International Airport
Managed Noise Service
Monthly Report for Aug 2025

Aircraft Operations

Operations Analysis
Aug 1, 2025 to Aug 31, 2025

Operation Type	Day	Night	Total
Arrival	3088	135	3223
Departure	2943	197	3140
Total	6031	332	6363

Jet	Day	Night	Total
A20N - Airbus A-320	88	62	150
A21N - Airbus A-321	44	0	44
A319 - Airbus - A319	2	0	2
A320 - Airbus - A320	1559	72	1631
B38M - Boeing 737 Max 8	25	0	25
B738 - Boeing - 737-800	156	75	231
B752 - Boeing - 757-200	4	0	4
BE40 - Beech - Beechjet 400/T-1 Jayhawk	4	0	4
C25A - Cessna Citation CJ2+	10	0	10
C25B - Cessna Citation CJ3 (twin-jet)	3	0	3
C510 - CESSNA CITIATION MUSTANG	10	0	10
E190 - Embraer E190	8	0	8
FA50 - Dassault-Breguet - Falcon 50, Mystere 50 (T-16)	2	0	2
GLF5 - Gulfstream - Gulfstream 5	1	0	1
Total	1916	209	2125

Wellington International Airport
Managed Noise Service
Monthly Report for Aug 2025

Turboprop	Day	Night	Total
AT75 - Aerospatiale/Aeritalia - ATR-72-500	16	0	16
AT76 - Aerospatiale/Aeritalia - ATR-72-600	898	20	918
B350 - Beech - Super King Air 350	10	2	12
BE20 - Beech - Super King Air 200, 1300	345	36	381
BE9L - Beech - KingAir90, A90 to E90 (T-44, V-C6), Taurus 90	11	0	11
C130 - Lockheed - Hercules, Spectre	2	0	2
C208 - Cessna-Caravan 1-208,(Super) Cargomaster, Grand Caravan (U27)	712	40	752
C30J - C-130J Hercules	15	0	15
DH8C - Dehavilland - Dash 8, DHC8 - 300	1535	12	1547
JS31 - British Aerospace-BAe-3100 Jetstream 31	17	0	17
JS32 - British Aerospace-BAe-3200 Jetstream Super 31	42	0	42
P46T - Piper - Malibu Meridian	4	0	4
PC12 - Pilatus Flugzeugwerke Ag - PC-12	226	7	233
SF34 - Saab - SF-340	10	0	10
Total	3843	117	3960

Others	Day	Night	Total
A109 - AgustaWestland AW109	1	1	2
BK17 - MBB/Kawasaki BK 117	66	5	71
C152 - Cessna - Cessna 152	12	0	12
C172 - Cessna - Skyhawk 172/Cutlass/Mescalero	36	0	36
CJ6 - Nanchang CJ-6	8	0	8
GA8 - GippsAero GA8 Airvan	6	0	6
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)	24	0	24
P8 - Boeing 737-800 Poseidon	2	0	2
PA34 - Piper - Seneca 2/3	6	0	6
PA38 - Piper - Tomahawk	87	0	87
SIRA - Tecnam P2002 Sierra	4	0	4
SR22 - Cirrus - SR-22	1	0	1
Unknown	11	0	11
Total	272	6	278

Category	Day	Night	Total
Jet	1916	209	2125
Turboprop	3843	117	3960
Other	272	6	278
Total	6031	332	6363

Wellington International Airport
Managed Noise Service
Monthly Report for Aug 2025

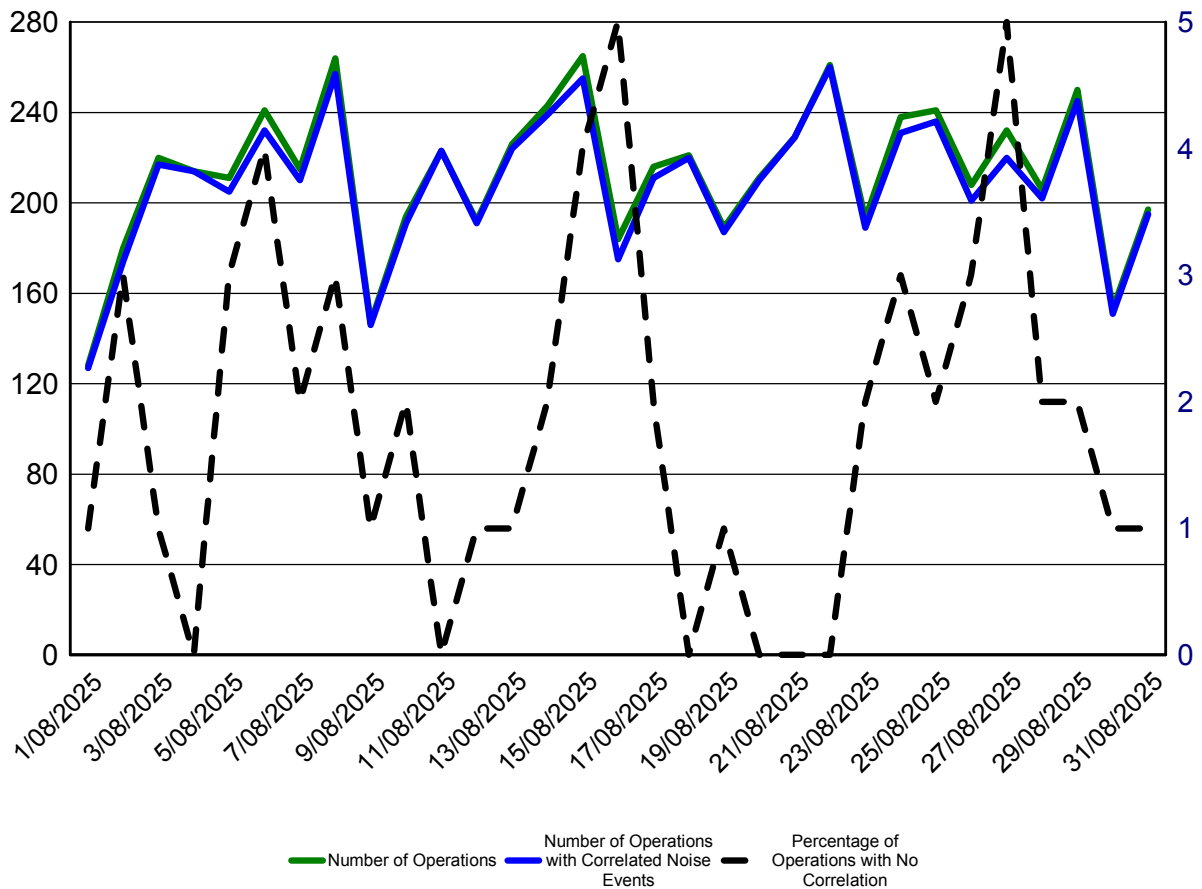
Uncorrelated Aircraft

Uncorrelated Aircraft Analysis Aug 1, 2025 to Aug 31, 2025

Date	Number of Operations	Operations with Correlated Noise Events	Percentage of Operations With No Correlated Noise Events	Jets with No Correlated Noise Events
01-Aug-2025	128	127	1%	0
02-Aug-2025	180	174	3%	0
03-Aug-2025	220	217	1%	0
04-Aug-2025	214	214	0%	0
05-Aug-2025	211	205	3%	0
06-Aug-2025	241	232	4%	0
07-Aug-2025	215	210	2%	0
08-Aug-2025	264	257	3%	2
09-Aug-2025	147	146	1%	0
10-Aug-2025	194	191	2%	0
11-Aug-2025	223	223	0%	0
12-Aug-2025	192	191	1%	0
13-Aug-2025	226	224	1%	0
14-Aug-2025	243	239	2%	1
15-Aug-2025	265	255	4%	1
16-Aug-2025	184	175	5%	4
17-Aug-2025	216	211	2%	0
18-Aug-2025	221	220	0%	0
19-Aug-2025	189	187	1%	1
20-Aug-2025	211	210	0%	0
21-Aug-2025	229	229	0%	0
22-Aug-2025	261	260	0%	0
23-Aug-2025	193	189	2%	0
24-Aug-2025	238	231	3%	0
25-Aug-2025	241	236	2%	0
26-Aug-2025	208	201	3%	2
27-Aug-2025	232	220	5%	2
28-Aug-2025	206	202	2%	0
29-Aug-2025	250	245	2%	1
30-Aug-2025	153	151	1%	1
31-Aug-2025	197	195	1%	0

Wellington International Airport Managed Noise Service Monthly Report for Aug 2025

This graph shown below provides a summary of the noise correlation at Wellington Airport during August 2025



Wellington International Airport
Managed Noise Service
Monthly Report for Aug 2025

Calibration Report

	RMT 1			RMT 2			RMT 3		
	Measured	Diff.	Status	Measured	Diff.	Status	Measured	Diff.	Status
01-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
02-Aug-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
03-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
04-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
05-Aug-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
06-Aug-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
07-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
08-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	0.0	0.0	Unknown
09-Aug-2025	-36.5	-0.1	Success	-36.5	0.0	Success	0.0	0.0	Background Noise Level Hi
10-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	0.0	0.0	Background Noise Level Hi
11-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
12-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
13-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
14-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
15-Aug-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
16-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
17-Aug-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
18-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
19-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
20-Aug-2025	-36.4	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
21-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
22-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
23-Aug-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
24-Aug-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
25-Aug-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
26-Aug-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
27-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.7	0.0	Success
28-Aug-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
29-Aug-2025	-36.5	-0.1	Success	-36.5	-0.1	Success	-36.8	0.0	Success
30-Aug-2025	-36.5	-0.1	Success	-36.5	0.0	Success	-36.8	0.0	Success
31-Aug-2025	-36.5	-0.1	Success	-36.4	0.0	Success	-36.8	0.0	Success