



## ТРИМЕСЕЧЕН ДОКЛАД ЗА ПЕРИОДА ОКТОМВРИ - ДЕКЕМВРИ 2023 ГОДИНА

### РЕЗУЛТАТИ

ОТ СОБСТВЕНИТЕ НЕПРЕКЪСНАТИ ИЗМЕРВАНИЯ НА ШУМА,  
ДАВАЩИ ПРЕДСТАВА ЗА АКУСТИЧНОТО СЪСТОЯНИЕ  
НА РАЙОНИ, РАЗПОЛОЖЕНИ В БЛИЗОСТ ДО ЛЕТИЩЕ СОФИЯ

Настоящата информация е изготвена в съответствие с чл. 32, ал. 1 от Наредба № 54 от 13.12.2010 г. за дейността на националната система за мониторинг на шума в околната среда и за изискванията за провеждане на собствен мониторинг и предоставяне на информация от промишлените източници на шум в околната среда.

#### **1. Собственик или ползвател, име и адрес на летището – източник на шум:**

Ползвател:	„СОФ Кънект” АД
Пълен адрес	Област: София (столица), Община: Столична, район „Слатина“
на седалището	гр. София, п.к. 1540
на ползвателя:	бул. „Христофор Колумб“ № 1 Летище София
e-mail:	<a href="mailto:office@sof-connect.com">office@sof-connect.com</a>
Представител:	Хесус Кабайеро Пинто, Изпълнителен директор

#### **2. Лице за контакти – телефон, факс и др.:**

Атанас Стоев, ръководител отдел „Околната среда и Интегрирана система за управление“ /ОС и ИСУ/

Тел. 02 937 2646, факс: 02 937 2010, e-mail: [a.stoev@sof-connect.com](mailto:a.stoev@sof-connect.com)

Нели Панчева, старши еколог

Тел. 02 937 2616, факс: 02 937 2010, e-mail: [panchevan@sof-connect.com](mailto:panchevan@sof-connect.com)

### 3. Типове въздухоплавателни средства, опериращи на летище София

В Таблица 1 към настоящия доклад „Справка за броя на изпълнените самолетодвижения от/до летище София по редовни и сезонни чартърни линии за периода октомври - декември 2023 год.“ са дадени типа и модификацията на въздухоплавателните средства (ВС), изпълняващи редовни полети по разписание и сезонни чартърни линии от/до летище София.

Таблица 1

#### Справка за броя на изпълнените самолетодвижения от/до летище София по редовни и сезонни чартърни линии за периода октомври - декември 2023 г.

Тип ВС	Модификация	Самолетодвижения /бр./			Общо за тримесечие
		Октомври	Ноември	Декември	
300	Airbus Industrie	0	2	8	10
319	Airbus Industrie A319	137	102	94	333
320	Airbus Industrie A320-100/200	1489	1164	1297	3950
321	Airbus Industrie A321	517	541	582	1640
32A	Airbus Industrie A320-sharkles	32	33	28	93
32N	Airbus Industrie A20N	95	57	69	221
32Q	Airbus Industrie A21N	271	94	191	556
733	Boeing 737-300 Pax	5	0	9	14
734	Boeing 737-400 Pax	17	13	17	47
737	Boeing 737-All pax models	2	10	8	20
738	Boeing 737-800 Pax	825	930	1105	2860
739	Boeing 737-900 Passenger	6	30	32	68
73Q	Boeing 737-400 Mixed Configuration	16	18	30	64
73S	Boeing 737-700 Freighter	2	0	0	2
73Y	Boeing 737-300 Freighter	5	0	0	5
744	Boeing 747-400 Pax	8	4	0	12
752	Boeing 757-200	44	42	30	116
762	Boeing 767-200 Pax	17	4	8	29
763	Boeing 767-300 Pax	64	24	20	108
772	Boeing 777-200 Pax	40	8	0	48
7M8	Boeing 737MAX-8 Passenger/BBJ MAX 8	452	198	256	906
AGH	Agusta A109	2	0	0	2
AN6	Antonov AN26	2	0	0	2
ANF	Antonov AN12	0	0	2	2
AR8	Avro RJ85	1	1	0	2
AT4	Aerospatiale/Alenia ATR 42-300	6	5	6	17
AT5	Aerospatiale/Alenia ATR 42-500	1	0	1	2

Тип ВС	Модификация	Самолетодвижения /бр./			Общо за тримесечие
		Октомври	Ноември	Декември	
AT7	Aerospatiale/Alenia ATR 72	224	240	201	665
BE4	Beech/Raytheon Beechjet 400	8	0	2	10
BET	Beechcraft twin turboprop engines	8	6	8	22
C27	Spartan Tactical Transport Aircraft C27	28	50	14	92
CCJ	Bombardier Global 7000	12	11	12	35
CCX	Bombardier BD-700 Global Express	8	4	10	22
CH4	Boeing CH-47 Chinook	2	0	0	2
CJ1	Cessna 500/521/525 Citation	10	13	9	32
CJ2	Cessna 550/551/552 Citation	6	13	11	30
CJ5	Cessna 560 Citation	0	0	10	10
CJ6	Cessna 650 Citation	8	6	0	14
CJ8	Cessna 680 Citation	11	6	8	25
CJL	Cessna Citation Excel	34	19	33	86
CL3	Bombardier Continental Challenger	6	0	4	10
CN1	Cessna 172	10	12	2	24
CNJ	Cessna Citation - all types	27	16	14	57
CR2	Canadair Regional Jet 200	2	2	2	6
DF2	Dassault Falcon 20/200/2000	46	8	5	59
DF7	Dassault Falcon Jet 7X	4	0	2	6
DF9	Dassault Falcon Jet 900	12	4	2	18
E70	Embraer ERJ-170	12	12	18	42
E75	Embraer 175	34	60	48	142
E90	Embraer ERJ-190	412	306	283	1001
E95	Embraer 195	40	8	20	68
EP3	Embraer EMB-505 Phenom 300	45	50	31	126
ER3	Embraer ERJ-135 and Legacy 600/650	2	4	8	14
GJ4	Gulfstream Aerospace G300/350/400/450	2	0	2	4
GR2	Gulfstream 200 (Galaxy) USA	6	4	11	21
GR3	Gulfstream Aerospace G-280	3	6	4	13
GRJ	Gulfstream G550	16	13	3	32
H25	Hawker 750/800/800XP/800SP	20	6	0	26
H60	Sikorsky Helicopters S-70/MH-60/AH-64	12	0	4	16
L4T	LET 410	19	30	10	59
LJ3	Learjet 35	4	0	2	6
LJ4	Learjet 45	2	4	0	6
LJ6	Learjet 60	12	16	9	37
LOH	Lockheed L-382 (L-100) Hercules	2	6	2	10
M82	McDonnell Douglas MD82	23	0	0	23
MIH	MI-8/Mi-17/Mi-171/Mi-172	2	0	8	10
P18	PIAGGIO AVANTI	34	13	19	66
PA1	P46T/P28R/P28A	12	0	4	16
PA2	PA46	12	4	0	16

Тип ВС	Модификация	Самолетодвижения /бр./			Общо за тримесечие
		Октомври	Ноември	Декември	
PL2	Pilatus PC12	10	7	15	32
S20	Saab 2000	2	0	0	2
TBM	Socata TBM700/850	0	2	2	4
<b>Общо:</b>		<b>5 260</b>	<b>4 241</b>	<b>4 645</b>	<b>14 146</b>
<b>Други:</b>		<b>232</b>	<b>338</b>	<b>244</b>	<b>814</b>
<b>Тотал:</b>		<b>5 492</b>	<b>4 579</b>	<b>4 889</b>	<b>14 960</b>

\* Самолетодвиженията включват излитания и кацания на ВС на летище София.

#### 4. Денонощни нива на шума, разпределени по дни от месеците

Системата за мониторинг на шума бе въведена в експлоатация в края на 2004 г., а в средата на 2015 г. бе осъвременена чрез цялостна подмяна на софтуерната платформа с най-актуалната в областта Noise Desk & ANOMS. От 01.01.2021 г. системата работи с изцяло обновен софтуер Noise Desk 2.

Системата се състои от осем стационарни и един мобилен терминал, чието разположение е съобразено с прогнозния шумов контур  $L_{Aeq} 60 \text{ dB (A)}$  на летище София за 2007/2008 г. и трасетата за излитане и кацане на въздухоплавателни средства от и на летище София. През 2017 г. в допълнение към съществуващите шест стационарни терминала за мониторинг на шума бяха доставени и инсталирани два нови терминала, западно от летище София.

Системата работи на принципа на разпределеното управление, като всеки един от терминалите функционира самостоятелно, измерва шумовите нива чрез микрофон и предава информация към централен компютър-сървър за последваща обработка на данните.

Терминалите на системата са инсталирани в локации за мониторинг на шума, намиращи се под трасетата за излитане и кацане на летище София. Местоположенията им са както следва:

Терминал W1 – западен край на летище София на около 920 m западно от праг 09 на пистата за излитане и кацане (ПИК);

Терминал W2 – кв. В. Левски, ул. „Гр. Цамблак“ № 18, покрив на 106 ОУ „Гр. Цамблак“;

Терминал W3 – кв. Суха река, район „Подуяне“, ул. „Плакалница“ № 51, покрив на сградата на общината;

Терминал W4 – кв. Суха река, район „Подуяне“, ул. „Хан Севар“ № 1, покрив на 74 ДГ „Дъга“;

Терминал W5 – район „Оборище“, ул. „Искър“ № 62, сградата на Народно читалище „Академик Андрей Стоянов“;

Терминал W6 – район „Възраждане“, ул. „Брегалница“ № 48, сградата на 1 ДГ;

Терминал E1 – източен край на летище София на около 960 m източно от праг 27 на пистата за излитане и кацане;



Терминал Е2 – с. Кривина-1588, ул. „Просвета“ № 1, двора на 155 ОУ „Св. св. Кирил и Методий“;

Мобилен терминал Е3 – терминалът е предвиден за краткосрочни контролни измервания.

Регистрирането на шума в западно направление, което обхваща гъсто населена градска част, се осъществява посредством терминалите W1, W2, W3, W4, W5 и W6, а в източно направление от терминали Е1 и Е2.

### **АКУСТИЧНО СЪСТОЯНИЕ НА РАЙОНИ, РАЗПОЛОЖЕНИ В БЛИЗОСТ ДО ЛЕТИЩЕ СОФИЯ**

Акустичното състояние за четвъртото тримесечие на 2023 г. за районите, където са инсталирани стационарните терминали за мониторинг на шума е представено в графичен и табличен вид.

В Приложения № № 1, 2 и 3 в табличен вид са представени денонощните еквивалентни нива на шума, дневните, вечерните и нощните еквивалентни нива, разпределени по дни от месеците на разглеждания период.

Групите графики за разглежданите три месеца, представени тук по-долу, дават разпределението на еквивалентните нива на шума, предизвикан от излитащи и кацащи самолети за 24 часов непрекъснат период на измерване. Направена е връзката между денонощните еквивалентни нива на шума, свързан с полети – Airport Leq над наблюдавания район и дневния брой на регистрираните шумови събития от прелитащи въздухоплавателни средства (ВС) от всеки един терминал за съответния период. Резултатите от мониторинга на авиационния шум в населените райони показват, че за 24 часов период няма превишения на граничните стойности за шум L24, предизвикан от излитащи и кацащи ВС.

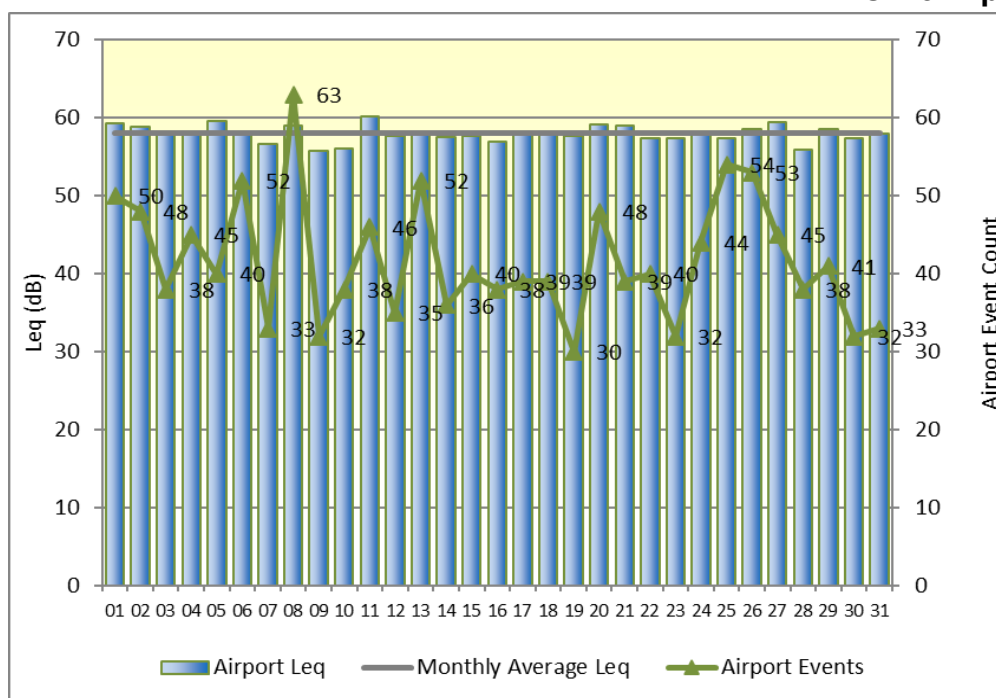
Граничните стойности на показателите за шум в околната среда за територии, подложени на въздействието на авиационен шум са дадени в Наредба № 6/26.06.2006 г. за показателите за шум в околна среда и са както следва:

- За дневен период (07:00 – 19:00 ч.) –  $L_{\text{ден}} = 65 \text{ dB(A)}$  еквивалентно ниво на шума;
- За вечерен период (19:00 - 23:00 ч.) –  $L_{\text{вечер}} = 65 \text{ dB(A)}$  еквивалентно ниво на шума;
- За нощен период (23:00 – 07:00 ч.) –  $L_{\text{нощ}} = 55 \text{ dB(A)}$  еквивалентно ниво на шума;
- За денонощен период –  $L_{24} = 66,3 \text{ dB(A)}$  еквивалентно ниво на шума.

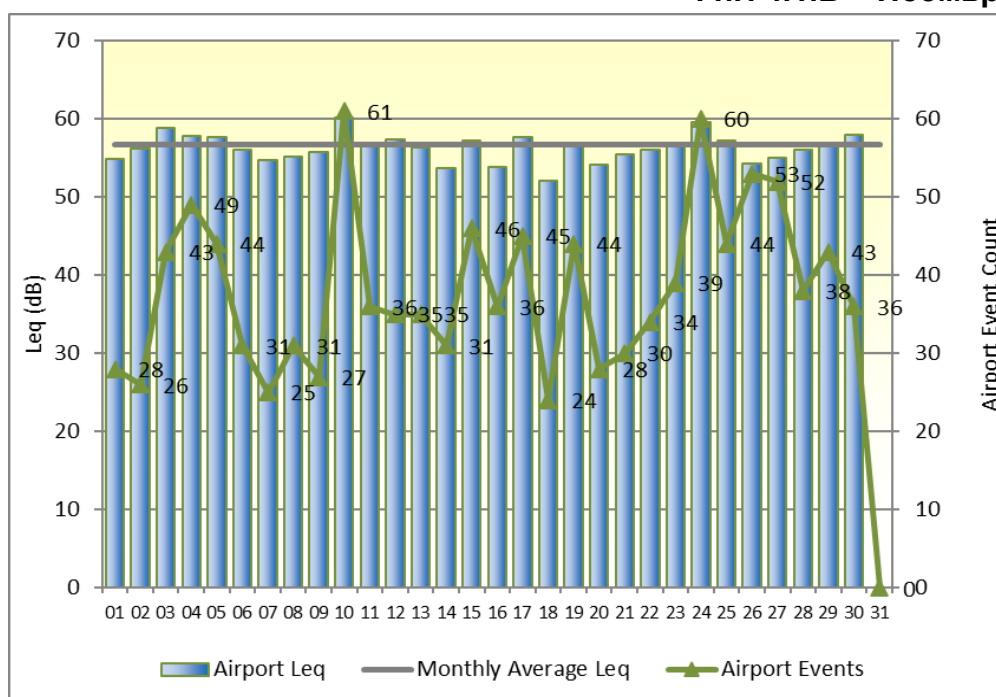
#### 4.1. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН ЛЕТИЩЕ СОФИЯ: ЗАПАДНО НАПРАВЛЕНИЕ, ТЕРМИНАЛ W1

Терминалът за мониторинг на шума, обслужващ западния район на летище София е разположен в охраняемата територия на летището, приблизително на около километър от западния край на пистата за излитане и кацане (ПИК09).

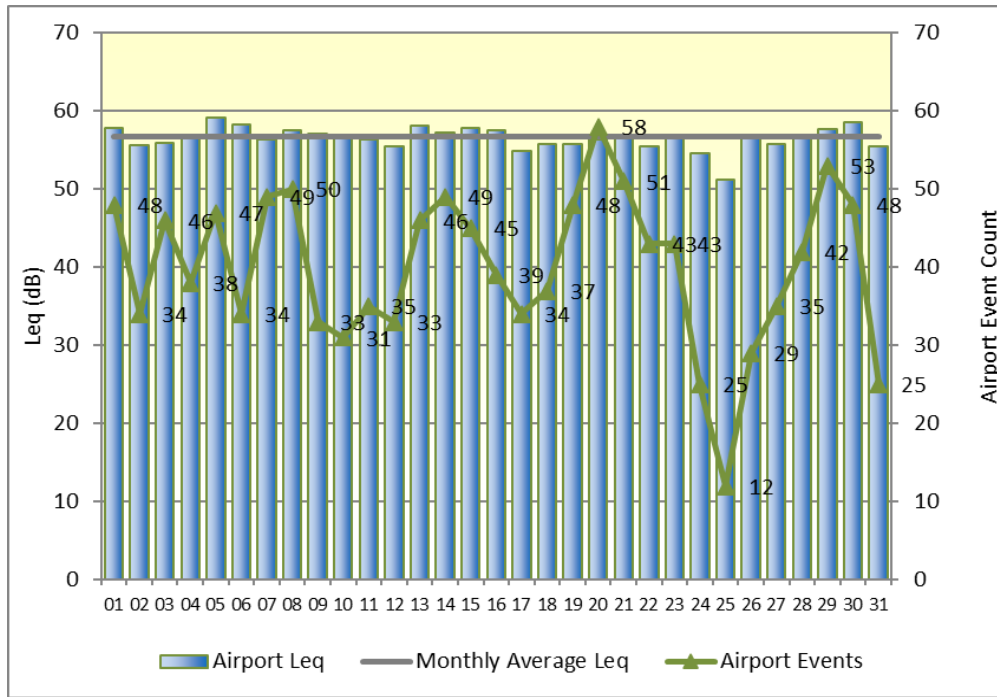
Фиг. 4.1.А – Октомври 2023 г.



Фиг. 4.1.Б – Ноември 2023 г.



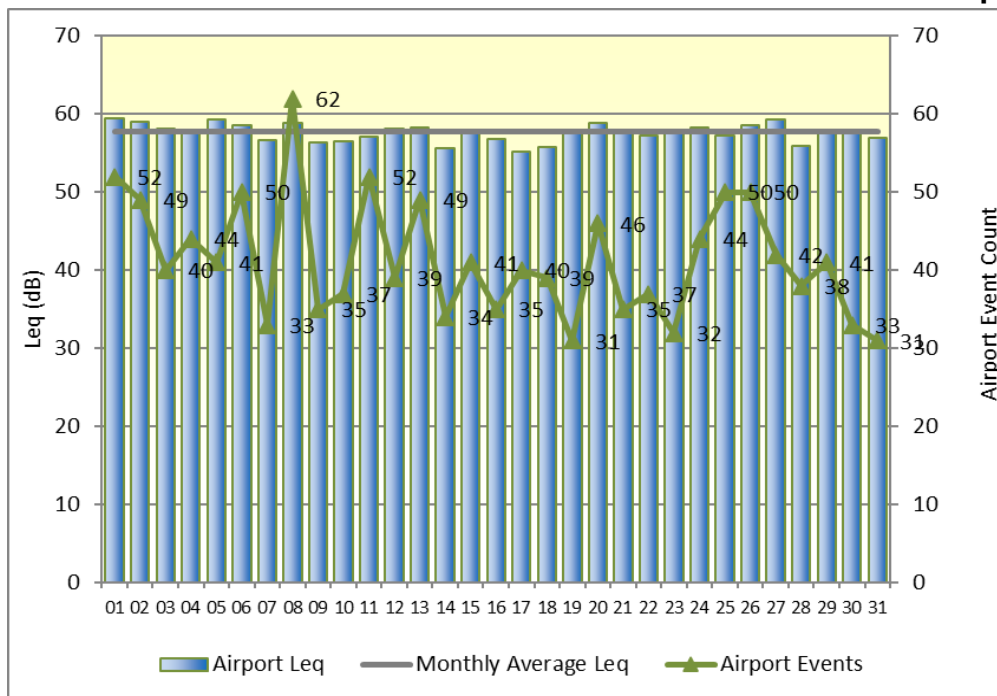
Фиг. 4.1.В – Декември 2023 г.



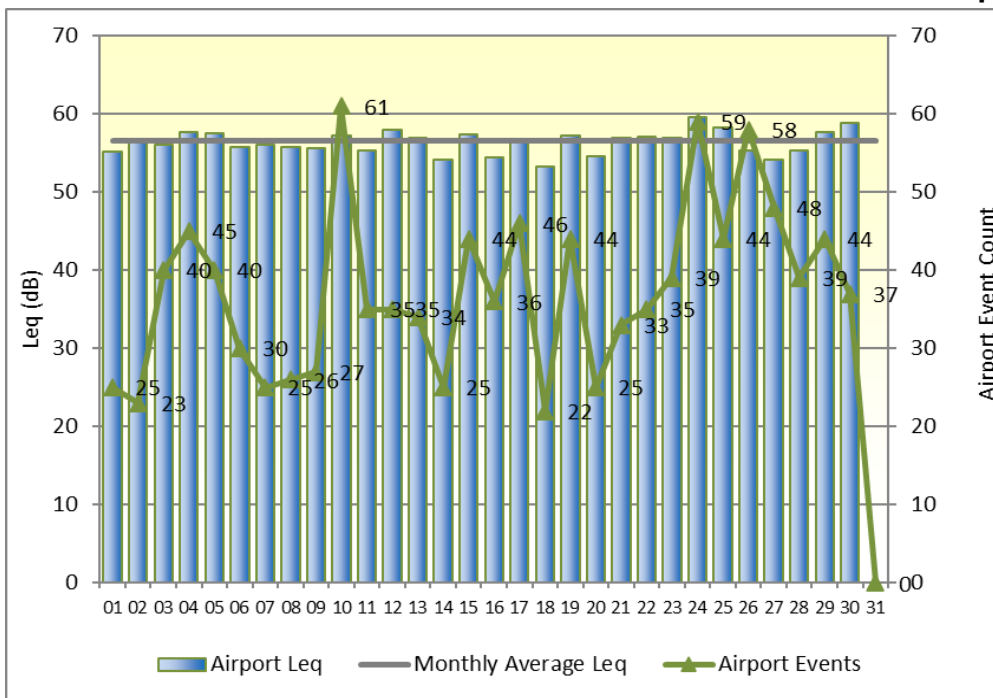
4.2. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – кв. В. ЛЕВСКИ, ТЕРМИНАЛ W2

Терминалът за мониторинг на шума, обслужващ кв. В. Левски е разположен върху покрива на 106 ОУ „Гр. Цамблак“, намиращо се на ул. „Гр. Цамблак“ № 18.

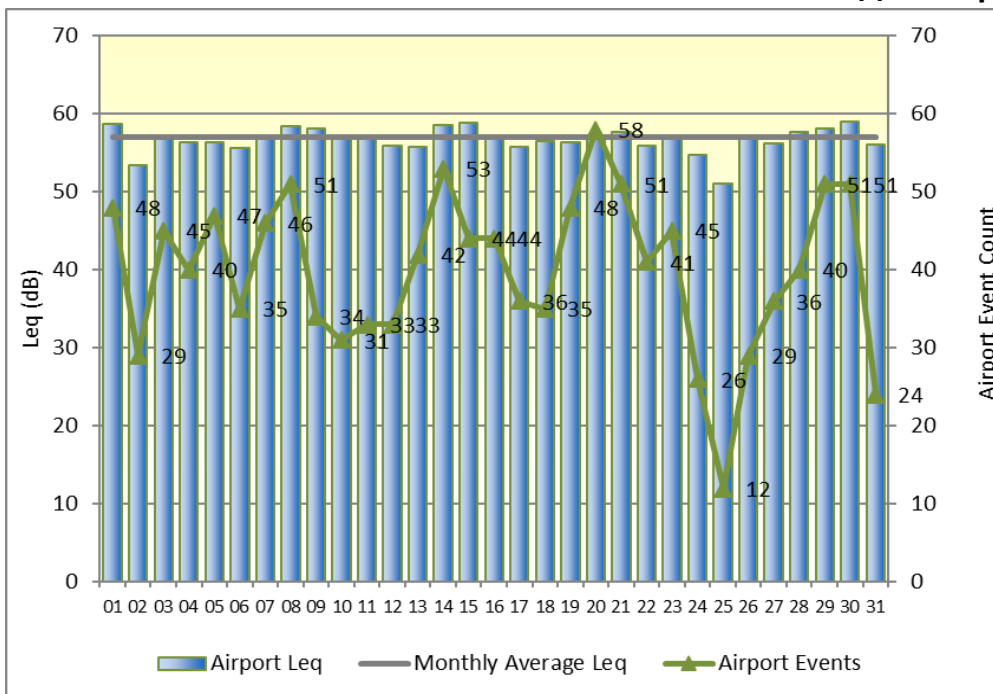
Фиг. 4.2.А – Октомври 2023 г.



Фиг. 4.2.Б – Ноември 2023 г.



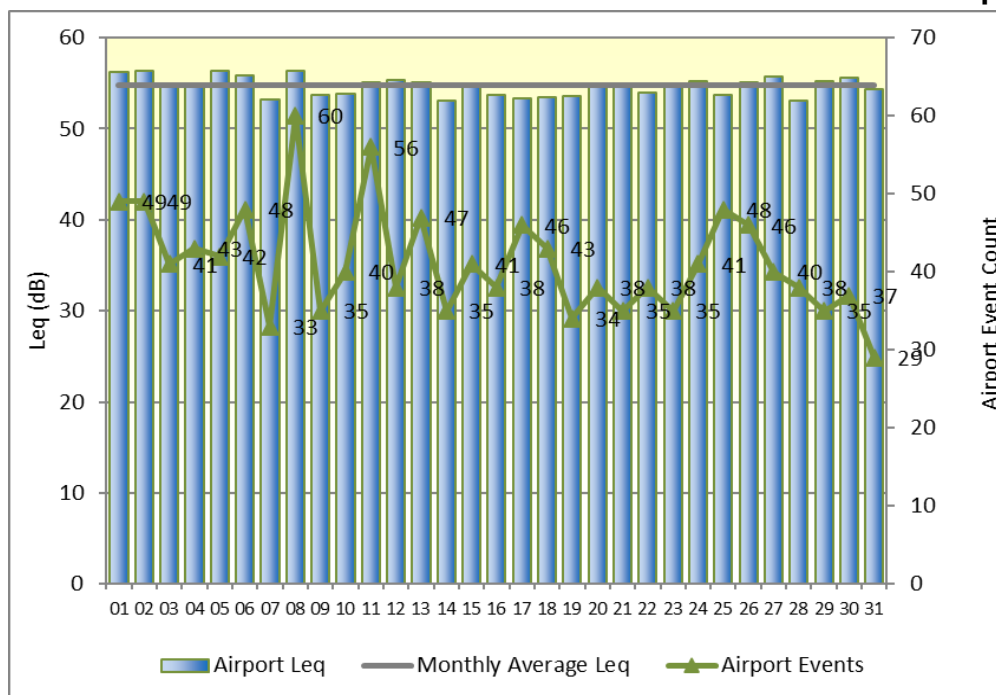
Фиг. 4.2.В – Декември 2023 г.



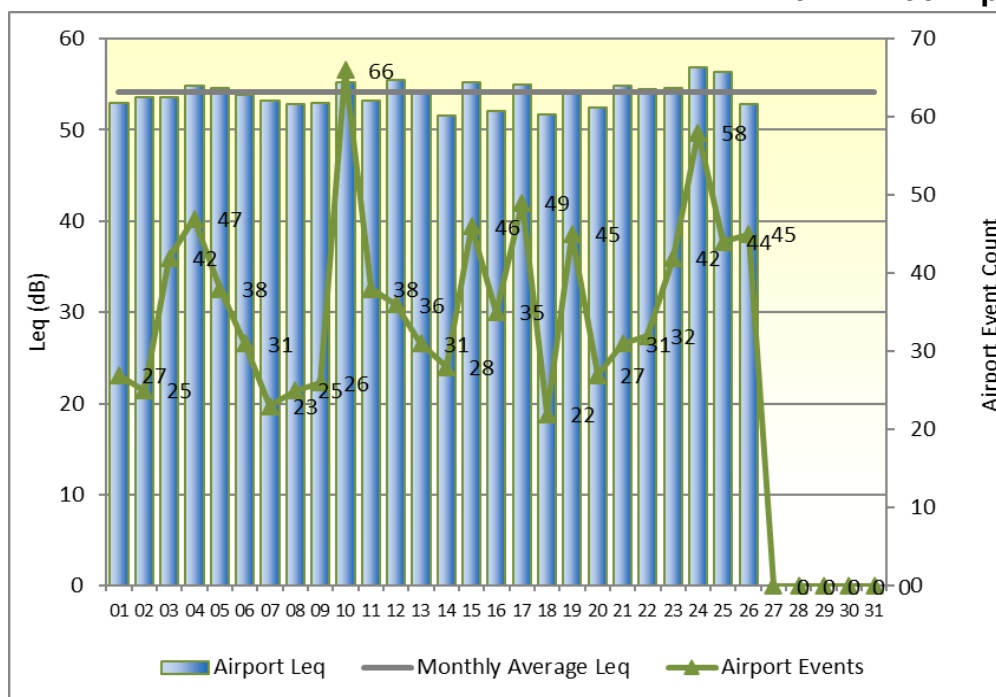
### 4.3. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН „ПОДУЯНЕ“, ТЕРМИНАЛ W3

Терминалът за мониторинг на шума, обслужващ кв. Суха река е разположен върху покрива на сградата на общината на район „Подуяне“, намираща се на ул. „Плакалница“ № 51.

Фиг. 4.3.А – Октомври 2023 г.

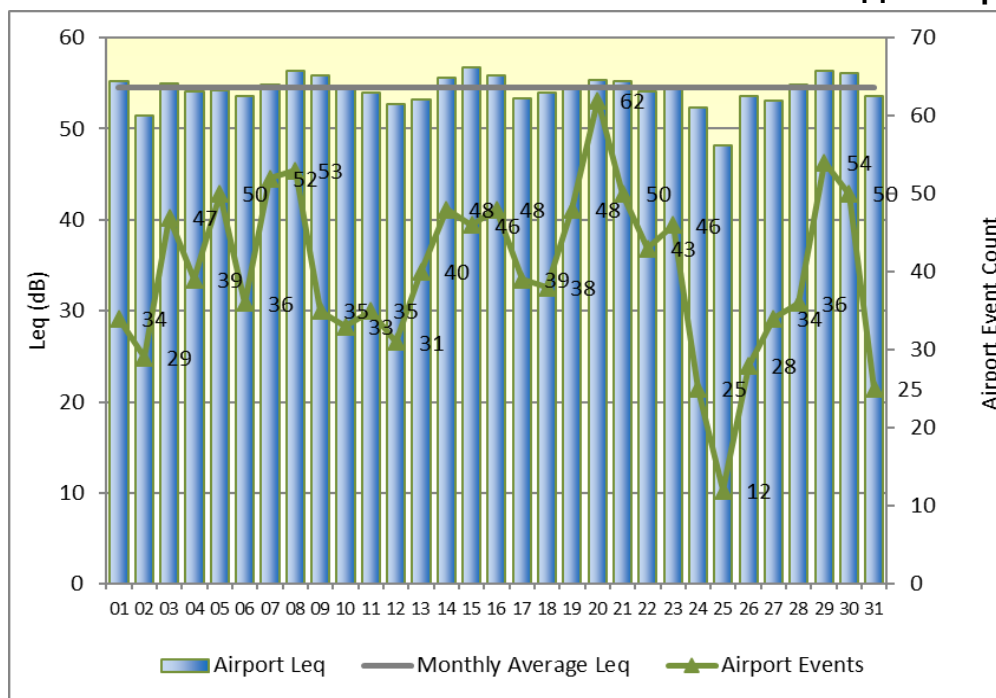


Фиг. 4.3.Б – Ноември 2023 г.



Поради технически проблем терминал W3 не е регистрирал данни в периода 27-30 Ноември 2023 г.

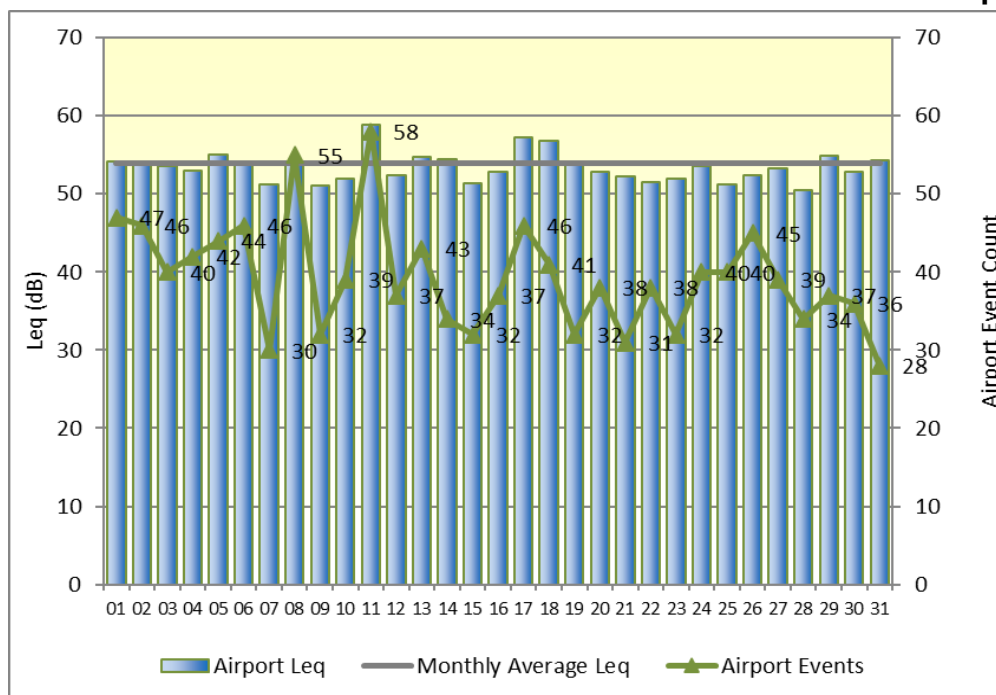
Фиг. 4.3.В – Декември 2023 г.



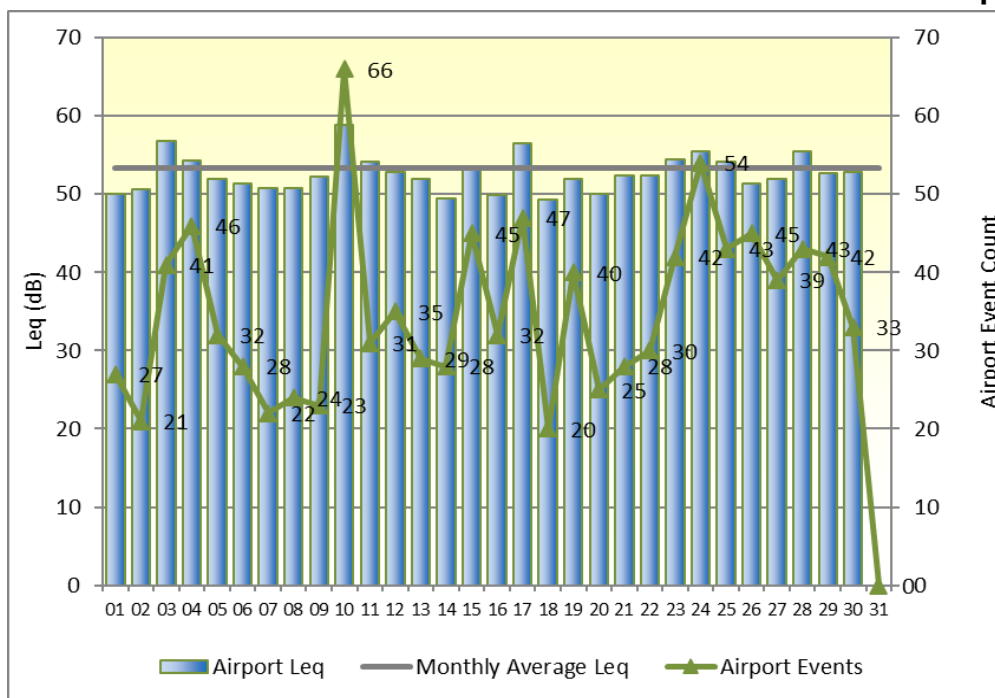
#### 4.4. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН „ПОДУЯНЕ“, ТЕРМИНАЛ W4

Терминалът за мониторинг на шума W4, обслужващ кв. Суха река, район „Подуяне“ е разположен върху покрива на 74 ДГ, намираща се на ул. „Хан Севар“ № 1.

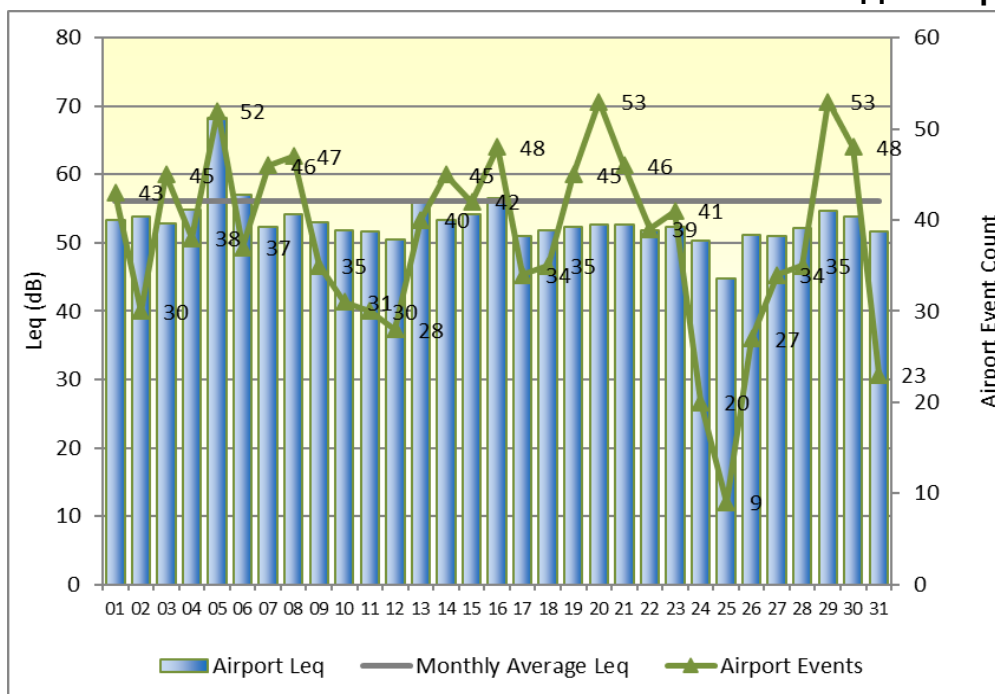
Фиг. 4.4.А – Октомври 2023 г.



Фиг. 4.4.Б – Ноември 2023 г.



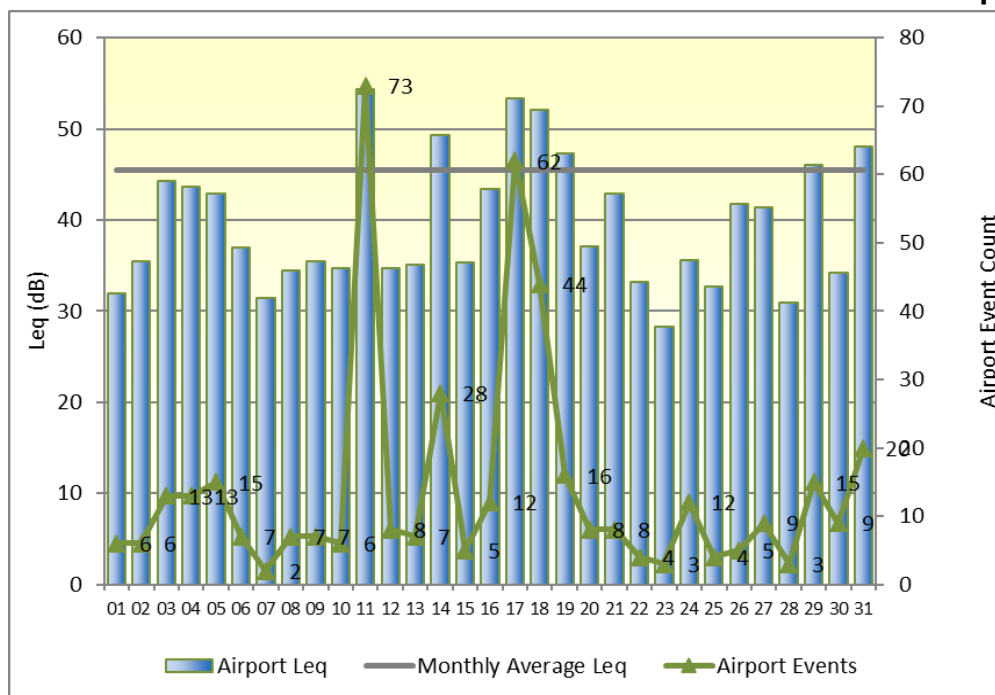
Фиг. 4.4.В – Декември 2023 г.



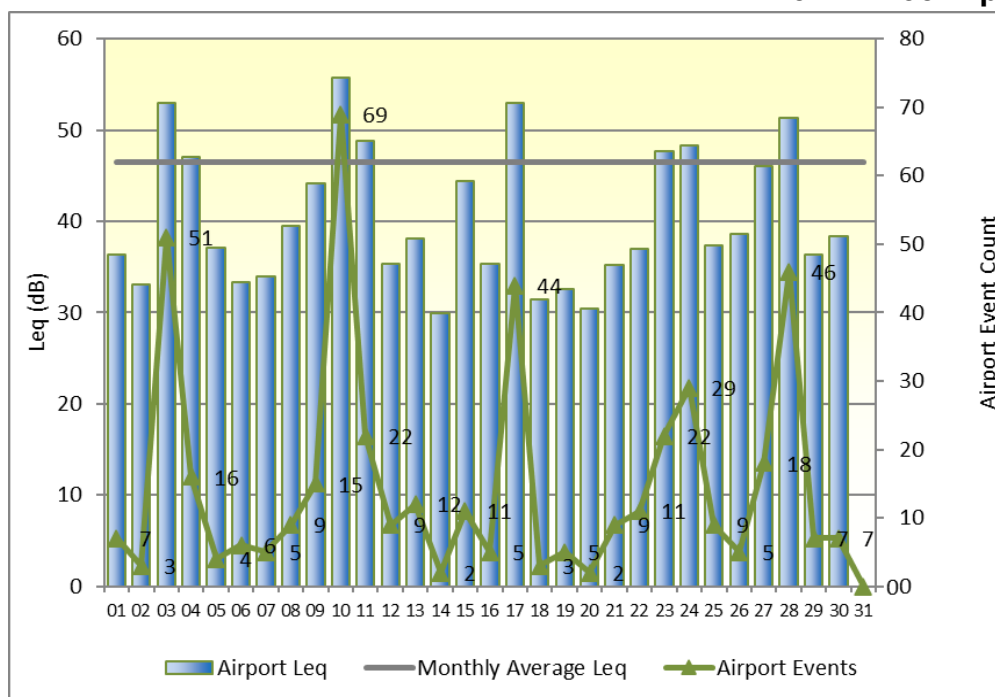
#### 4.5. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН „ОБОРИЦЕ“, ТЕРМИНАЛ W5

Терминал W5 се намира непосредствено под траекториите на самолетите, кацащи от запад и прелитащи над град София – върху сградата на НЧ „Академик Андрей Стоянов“ на ул. „Искър“ № 62.

Фиг. 4.5.А – Октомври 2023 г.

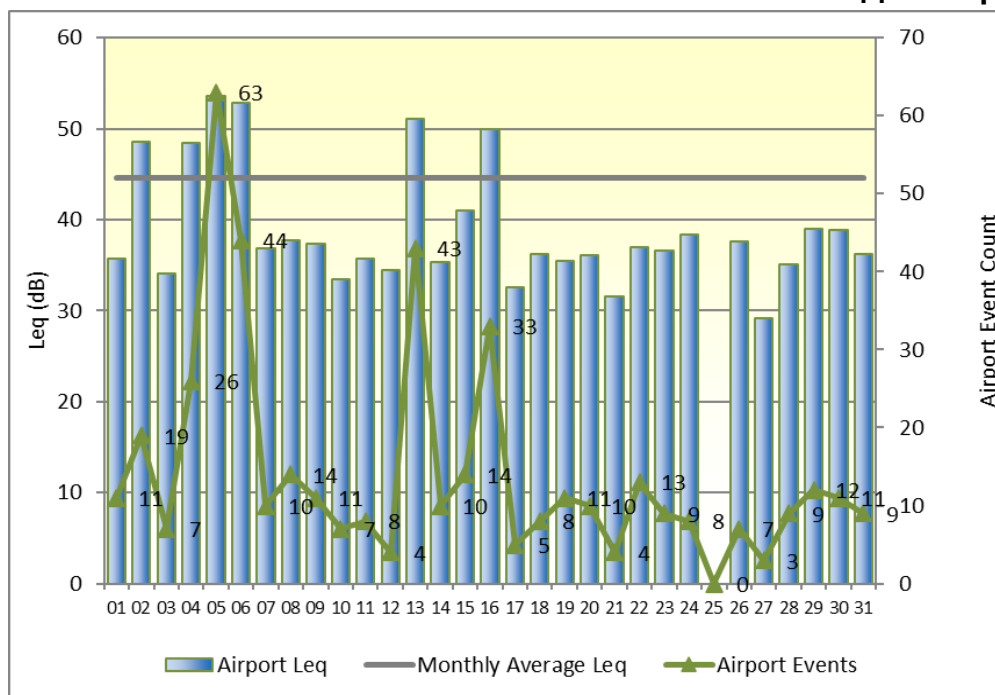


Фиг. 4.5.Б – Ноември 2023 г.





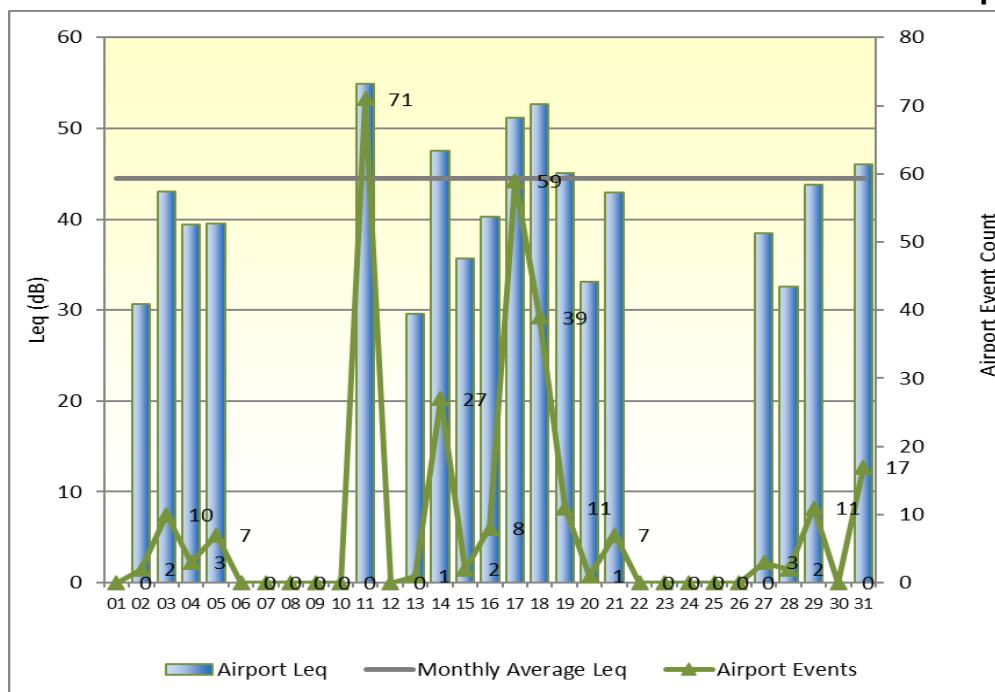
Фиг. 4.5.В – Декември 2023 г.



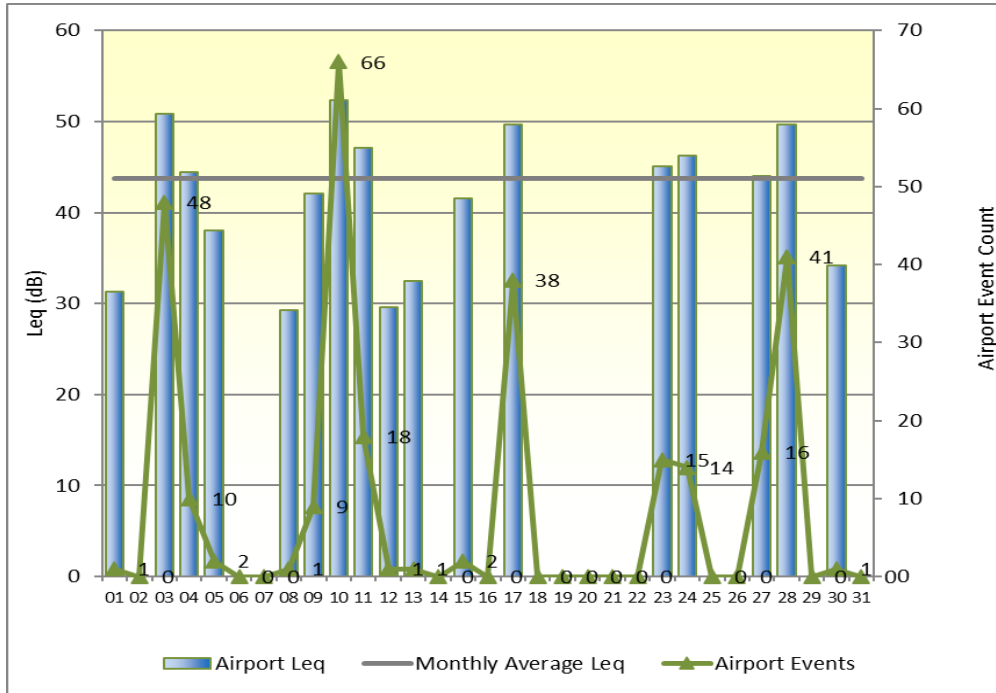
#### 4.6. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН „ВЪЗРАЖДАНЕ“, ТЕРМИНАЛ W6

Терминал W6 е разположен на територията на район „Възраждане“, на сградата на Детска градина № 1, намираща се на ул. „Брегалница“ № 48.

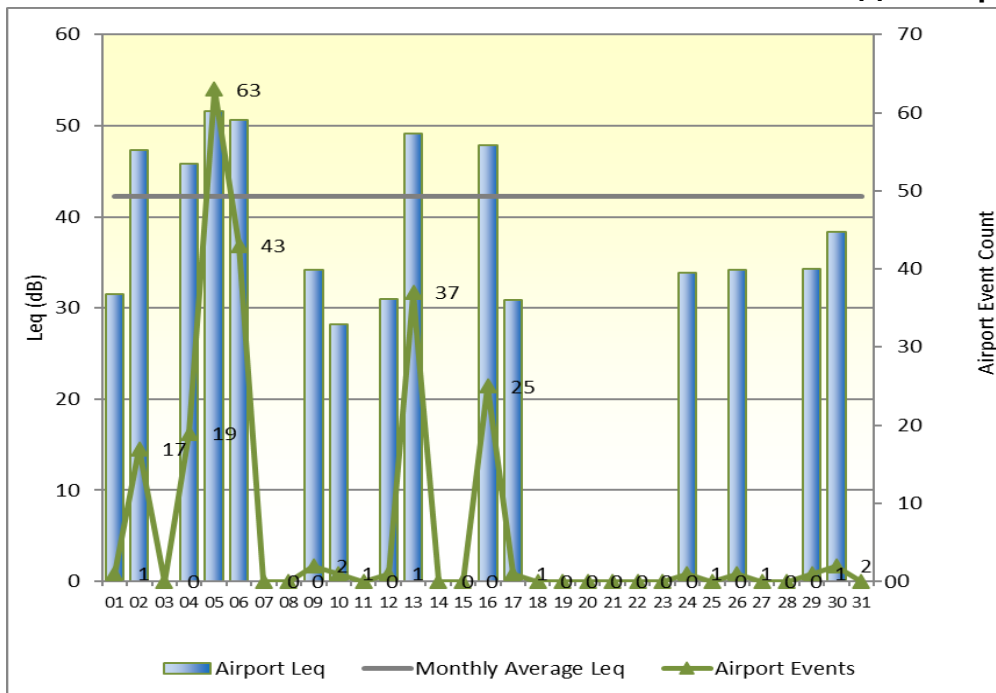
Фиг. 4.6.А – Октомври 2023 г.



Фиг. 4.6.Б – Ноември 2023 г.



Фиг. 4.6.В – Декември 2023 г.



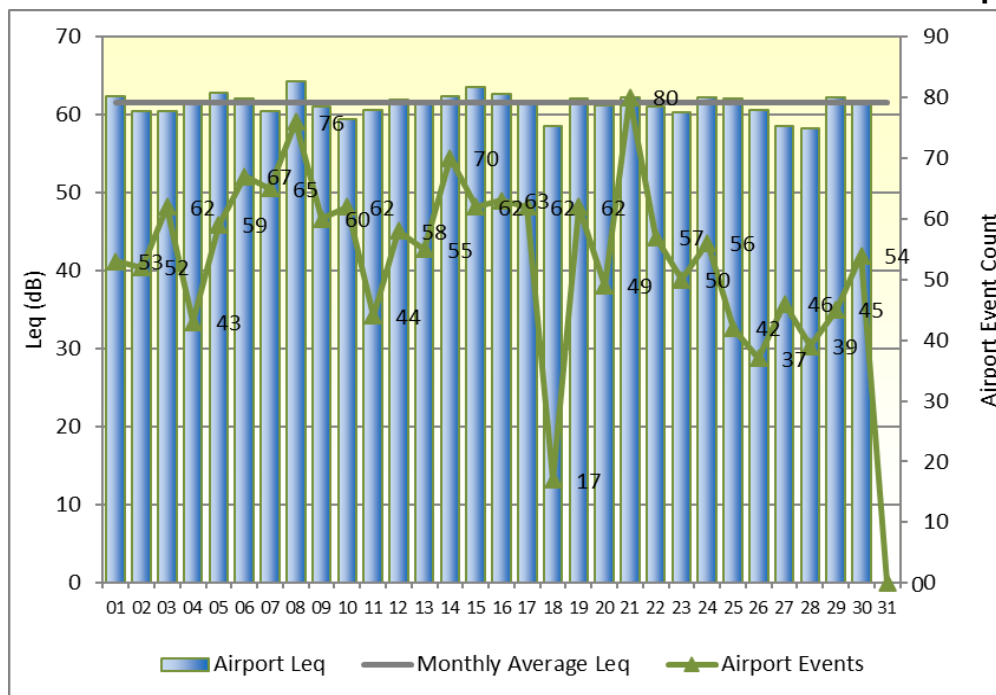
#### 4.7. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН ЛЕТИЩЕ СОФИЯ: ИЗТОЧНО НАПРАВЛЕНИЕ, ТЕРМИНАЛ Е1

Терминал Е1 е разположен в източния край на летище София на около 960 m източно от праг 27 на ПИК и е в непосредствена близост до околновръстното шосе на гр. София. Терминалът регистрира едновременно автомобилен и самолетен шум, поради което регистрираните кумулативни нива на шума са много високи, от порядъка на 70 dB, което основно се дължи на леко и тежкотоварния трафик по околновръстния път.

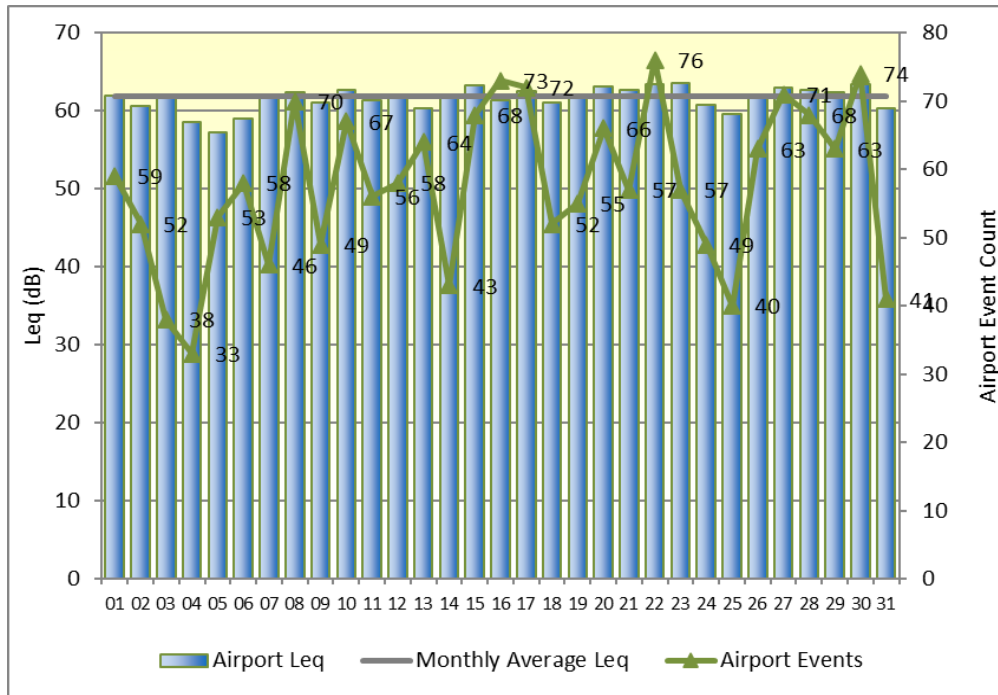
**Фиг. 4.7.А – Октомври 2023 г.**

Поради технически проблем терминал Е1 не е регистрирал коректно данни през Октомври 2023 г.

**Фиг. 4.7.Б – Ноември 2023 г.**



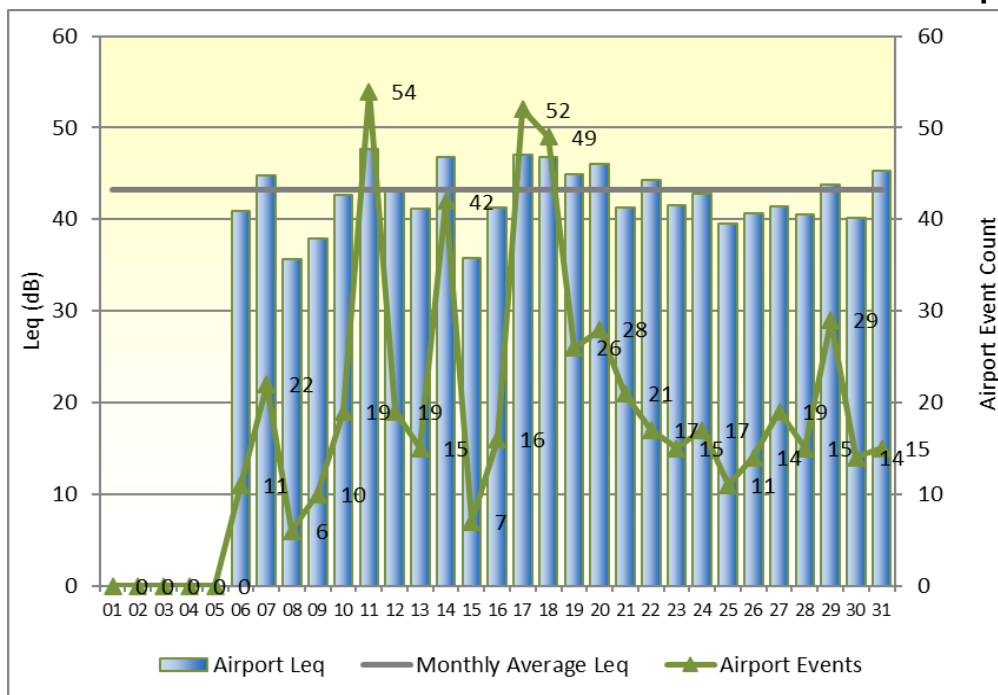
Фиг. 4.7.В – Декември 2023 г.



#### 4.8. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – С. КРИВИНА, ТЕРМИНАЛ Е2

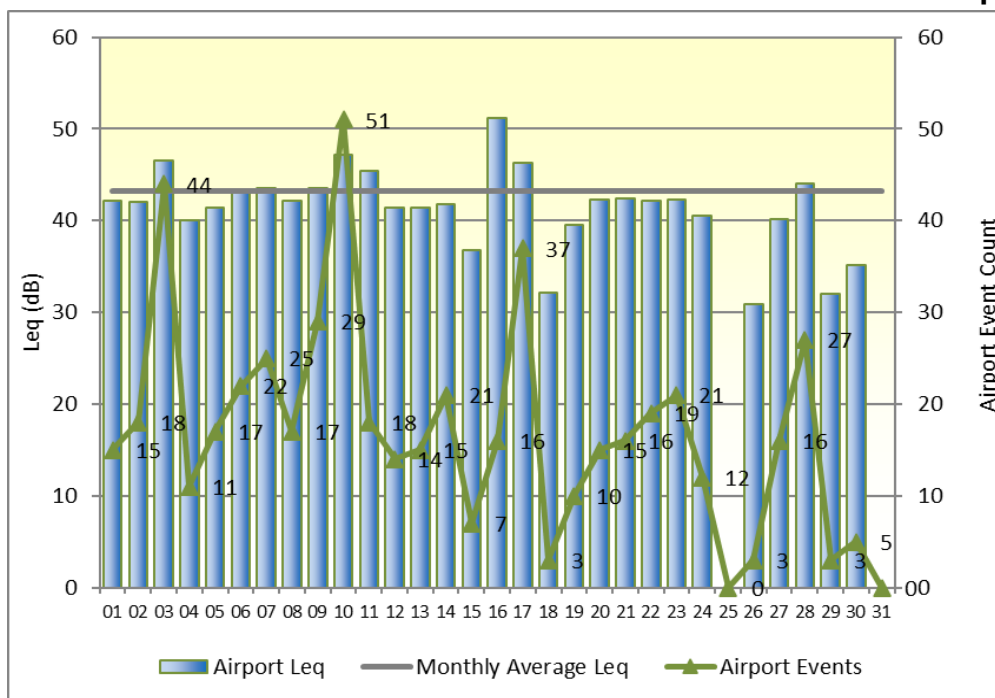
Терминалът за мониторинг на шума Е2 е разположен в двора на 155 ОУ „Св. св. Кирил и Методий“ в с. Кривина, ул. „Просвета“ № 1.

Фиг. 4.8.А – Октомври 2023 г.

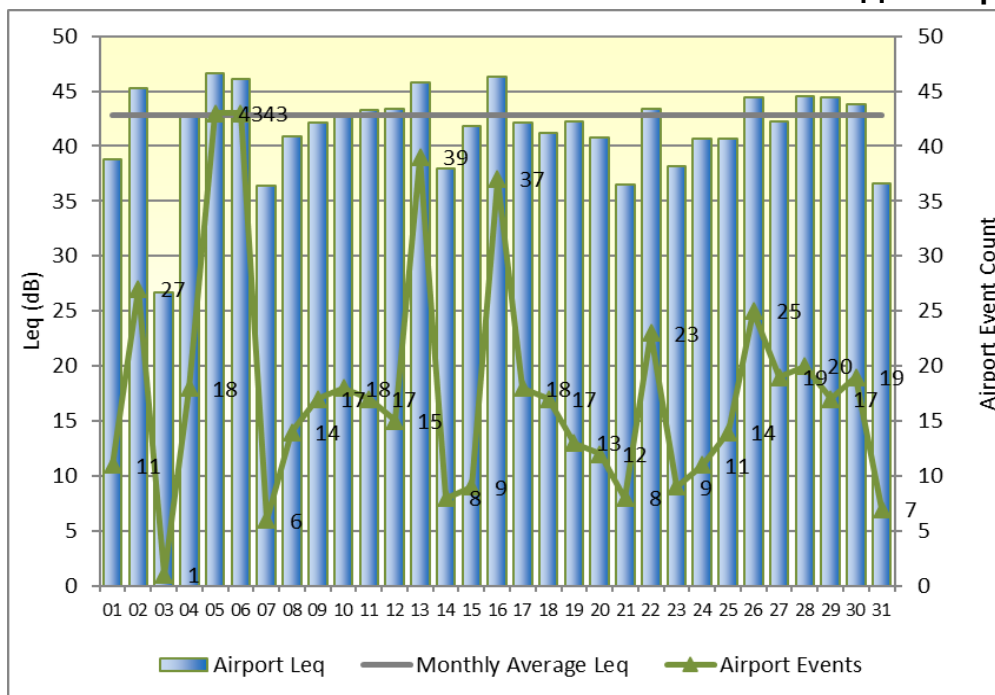


Поради технически проблем терминал Е2 не е регистрирал коректно данни в периода 01-05 октомври 2023 г.

Фиг. 4.8.Б – Ноември 2023 г.



Фиг. 4.8.В – Декември 2023 г.



В таблица 2 са дадени разпределени по терминали месечните средноденонощни еквивалентни нива на кумулативния шум ( $L_{DEN}$  общ), нива на шум, дължащи се на полетите ( $L_{DEN}$  полети) и нива на фоновия шум ( $L_{DEN}$  фон) за четвъртото тримесечие на 2023 година.

Таблица 2

Терминал за мониторинг на шума	Еквивалентно ниво на шума $L_{DEN}$ , dB(A)								
	Октомври 2023 г.			Ноември 2023 г.			Декември 2023 г.		
	$L_{DEN}$ общ	$L_{DEN}$ полети	$L_{DEN}$ фон	$L_{DEN}$ общ	$L_{DEN}$ полети	$L_{DEN}$ фон	$L_{DEN}$ общ	$L_{DEN}$ полети	$L_{DEN}$ фон
W1	64.3	61.1	61.6	63.5	59.9	61.0	64.6	59.9	62.8
W2	64.4	60.7	62.0	63.8	59.8	61.7	68.3	60.2	67.7
W3	63.0	57.9	61.4	62.5	57.4	61.1	65.2	58.0	64.5
W4	61.9	57.5	59.9	62.4	56.8	61.1	68.8	63.9	67.4
W5	59.1	49.7	58.8	59.0	49.4	58.6	60.3	48.3	60.1
W6	58.1	48.1	57.8	54.4	47.1	53.6	60.4	45.9	60.4
E1	-	-	-	72.9	67.0	71.7	72.9	67.0	71.7
E2	55.7	49.9	54.5	56.5	49.5	55.5	61.9	49.1	61.7

### 5. Брой въздухоплавателни средства по направления за отлитане и долитане над пунктовете за мониторинг

Месечният брой на всички шумови събития, основно предизвикани от отлитащи и долитащи въздухоплавателни средства, регистрирани от стационарните терминали за мониторинг на шума е даден в таблица 3.

Таблица 3

Терминал за мониторинг на шума	Брой регистрирани шумови събития		
	Октомври 2023 г.	Ноември 2023 г.	Декември 2023 г.
W1	1293	1157	1240
W2	1282	1128	1238
W3	1278	959	1246
W4	1219	1063	1179
W5	437	464	443
W6	281	284	215
E1	-	1652	1791
E2	570	530	555

### 6. Брой превишения на граничните стойности на показателите за шум и тип на въздухоплавателното средство, предизвикало превишението

В Приложения 4, 5 и 6 са показани шумови събития, с ниво на максималния шум  $L_{max}$  по-голям от 85 dB(A), регистрирани от стационарните терминали за мониторинг на шума, разположени извън територията на летище София за м. октомври, ноември и декември 2023 г., за които може да се идентифицира съответния им причинител. За всяко едно събитие са дадени датата и часа на регистрацията му, отчетеното ниво на максималния шум  $L_{max}$  в dB(A) и типа на въздухоплавателното средство, причинило този шум.

Изготвил:

Нели Панчева,  
Ст. еколог, отдел ОС и ИСУ

Съгласувал:

Атанас Стоев,  
Ръководител отдел ОС и ИСУ



Monthly Trend - October 2023

Monitor W1: 920m west of RWY 09

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Oct-01	50	65.3	62.8	61.8	63.1	60.7	59.4	61.7	60.4	55.8	56.8	53.5	54.1
2023-Oct-02	48	63.2	60.2	60.2	63.5	60.9	60	61.1	59.2	56.6	49.7	0	49.7
2023-Oct-03	38	64.2	60	62.2	61.9	59.5	58.3	62	60.1	57.6	54.7	0	54.7
2023-Oct-04	45	63.7	60.5	60.9	63.3	59.9	60.7	61.9	58.5	59.2	51.4	48.9	47.9
2023-Oct-05	40	64.6	61.5	61.7	63.7	61.9	58.9	63.1	58.3	61.4	52.8	49.4	50.2
2023-Oct-06	52	64.1	61.1	61.2	62.8	59	60.5	62	60.1	57.6	53.7	50.2	51.2
2023-Oct-07	33	62	58.8	59.2	61.5	58.7	58.3	59.3	57.7	54.3	51.3	43.8	50.4
2023-Oct-08	63	64.8	62.6	60.9	63.1	60.8	59.4	60.8	58.1	57.5	56.1	54.2	51.8
2023-Oct-09	32	61.4	57.2	59.4	61.7	58	59.4	59.3	56.1	56.6	47.7	0	47.7
2023-Oct-10	38	62.4	57.9	60.6	62.1	58.2	59.9	58.9	56	55.8	52	43.7	51.3
2023-Oct-11	46	68.1	65	65.2	64.5	60.8	62.2	65.2	62.5	61.8	59.9	56.8	57
2023-Oct-12	35	64.1	60.5	61.6	63.3	59.7	60.9	60	57.8	55.9	54.7	50.1	52.8
2023-Oct-13	52	63.4	60.6	60.3	63.2	59.7	60.7	62.1	61	55.6	49.4	31.7	49.4
2023-Oct-14	36	65.3	61.6	62.9	60.2	58.7	54.9	61.9	58.9	58.9	57.9	53.2	56.2
2023-Oct-15	40	65.4	61.8	62.9	62.1	59.2	59	62.1	57.4	60.3	57.4	53.9	54.6
2023-Oct-16	38	62.1	57.8	60.1	62.3	59.5	59.1	58.8	54.6	56.7	50.4	29.8	50.4
2023-Oct-17	39	66.3	62.9	63.8	63.3	59	61.4	62.8	57.5	61.3	58.3	55.7	54.8
2023-Oct-18	39	63.4	59	61.5	63.6	60.2	60.9	61.4	56.5	59.7	49.9	39.9	49.5
2023-Oct-19	30	65.5	61.5	63.4	62.8	59.1	60.3	63.8	58.9	62.1	56.1	52.5	53.6
2023-Oct-20	48	66.6	62.9	64.2	63.9	61	60.9	59.7	56.1	57.2	59.3	55.1	57.1
2023-Oct-21	39	65.4	61.7	62.9	62.5	60.7	57.8	61.7	60.1	56.8	57.3	49.9	56.3
2023-Oct-22	40	63.7	59.5	61.6	62.6	59.3	59.8	60.2	58.4	55.6	54.2	44.9	53.7
2023-Oct-23	32	63.1	58.7	61.1	62.9	60	59.8	60.5	56.7	58.1	51.4	0	51.4
2023-Oct-24	44	65.4	63.5	61	62.4	59.4	59.3	59.6	57.1	56.1	58.1	56.7	52.6
2023-Oct-25	54	62.8	59	60.5	62.5	59.5	59.6	60.3	58.1	56.4	51.2	30.8	51.2
2023-Oct-26	53	63.9	62.4	58.8	62.6	59.8	59.4	60.3	60	49.6	54.8	53.3	49.2
2023-Oct-27	45	63.6	61.3	59.7	63.3	61.5	58.7	61.5	60.3	55.6	51.3	44.1	50.5
2023-Oct-28	38	62.3	58.9	58.8	60.5	57.3	57.7	60.1	58.8	54.3	52.6	46	49.7
2023-Oct-29	41	64.3	60.9	61.6	62.3	60.6	57.5	62.2	57.4	60.5	54.7	50.5	52.5
2023-Oct-30	32	63	60.6	59.4	61.3	58.8	57.7	61.2	59.4	56.7	52.8	49.6	50
2023-Oct-31	33	63	59.2	60.7	62.4	59.5	59.2	61.4	56.6	59.8	46	0	46



Monthly Trend - October 2023

Monitor W2: 18, Gr. Tzambalak Str., 106 School

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Oct-01	52	66.4	63.2	63.6	63.5	60.7	60.3	62.6	60.5	58.4	58.3	54.4	56.1
2023-Oct-02	49	64	60.6	61.5	64.3	61	61.7	62.2	59.8	58.6	49.5	0	49.5
2023-Oct-03	40	64.2	60.5	61.9	62.5	59.5	59.6	62.6	60.7	58.2	53.9	41.9	53.6
2023-Oct-04	44	64.2	60.6	61.7	63.1	59	60.9	62.6	59	60.2	52.8	50	49.6
2023-Oct-05	41	64.5	61.3	61.8	63.9	61.6	60	61.8	57	60.1	53.9	50.3	51.4
2023-Oct-06	50	64.8	61.8	61.8	63.3	59.9	60.6	62.9	60.5	59.2	54.5	51.2	51.8
2023-Oct-07	33	62.5	59.1	59.8	61.6	58.5	58.6	60.7	58.3	57.2	51	44.7	49.8
2023-Oct-08	62	66	63	63	63.7	60.4	61.2	61.9	58.7	59.2	57.7	55	54.4
2023-Oct-09	35	62.2	57.9	60.2	62.3	58.4	60.1	60.4	57.2	57.8	48.2	0	48.2
2023-Oct-10	37	63	57.8	61.5	62.7	58.7	60.8	60	56.6	57.4	51.9	0	52
2023-Oct-11	52	65.7	62.2	63.2	61.7	57.1	59.8	63	60.1	60.1	57.7	54.2	55.2
2023-Oct-12	39	65.2	60.9	63.3	63.3	59.9	60.8	62.3	58.5	60.1	56	50.5	54.7
2023-Oct-13	49	63.7	60.7	60.8	63.3	59.5	60.9	62.5	61.4	56.2	50.3	0	50.3
2023-Oct-14	34	64.9	59	64	59.6	57.3	55.9	61.6	55.5	61	57.5	50.1	57
2023-Oct-15	41	67.4	62.2	66	62.3	58.8	59.7	63.1	57.8	61.7	60.3	54.6	59.1
2023-Oct-16	35	62.7	57.6	61.3	62.5	59.4	59.8	58.8	54.1	57	52.3	0	52.5
2023-Oct-17	40	64.3	60.3	62.3	61.2	56.2	59.6	60.9	55.5	59.3	56.3	53	53.7
2023-Oct-18	39	62.5	57.5	61	61.1	57.5	58.6	60.8	57.2	58.3	51.8	0	52
2023-Oct-19	31	64.8	60.8	62.7	63.2	59.4	60.9	61.2	57.1	59.1	55.9	51.7	53.9
2023-Oct-20	46	67	62.9	64.9	63.7	60.9	60.6	60.1	54.7	58.6	60.1	55.6	58.2
2023-Oct-21	35	64.1	60.3	61.9	62.4	59.6	59.1	62.3	59.9	58.8	54	44.5	53.5
2023-Oct-22	37	63.3	59.3	61.1	62.5	59	59.9	61.1	58.7	57.3	52.3	43	51.8
2023-Oct-23	32	63.3	58.7	61.5	63	59.9	60	61.9	56.7	60.4	49.8	0	49.9
2023-Oct-24	44	65.6	63.5	61.4	62.6	59.2	60	61	58.3	57.6	57.9	56.4	52.4
2023-Oct-25	50	63	59	60.8	62.5	59.3	59.7	61.1	58.5	57.6	51	0	51
2023-Oct-26	50	64.3	62.6	59.7	62.9	59.7	60.1	61.4	60.4	54.7	54.9	53.7	48.8
2023-Oct-27	42	63.6	61.1	60	63.4	61.2	59.2	61.7	60.1	56.7	51.1	44.2	50.1
2023-Oct-28	38	63.1	59.2	60	61.4	57.1	59.5	61	59	56.8	53.3	47.1	49.8
2023-Oct-29	41	63.7	60	61.4	62.8	60.3	59.3	60.8	56	59.2	53.7	48.9	52
2023-Oct-30	33	63.9	61.3	60.5	61.9	59	58.7	62.3	60.2	58.4	53.7	51	50.5
2023-Oct-31	31	62	57.8	59.9	62.1	58.8	59.4	58.8	53.9	57.2	48.1	0	48.1



Monthly Trend - October 2023

Monitor W3: 51 Plakalnica Str. City Hall

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Oct-01	49	63.5	59.9	61.2	60.7	57.4	58	60.5	57.6	57.6	55	50.6	53.1
2023-Oct-02	49	68.9	58	68.5	71.4	58.2	71.2	60	57.6	56.8	50	0	50
2023-Oct-03	41	62.5	57	61.1	61	56.3	59.3	59.9	57	56.9	52.7	38	52.6
2023-Oct-04	43	62.2	58	60.2	60.9	55.7	59.5	60.3	56.9	57.7	51.5	47.5	49.4
2023-Oct-05	42	62.8	58.8	60.7	61.5	58.5	58.6	59.9	54.6	58.4	53.1	48.6	51.2
2023-Oct-06	48	63.1	59.6	60.5	61.1	56.5	59.4	60.6	58.8	56	53.7	49.5	51.6
2023-Oct-07	33	60.8	55.8	59.2	59.5	54.9	57.7	58.1	55.1	55.2	51	42.5	50.4
2023-Oct-08	60	63.3	60.1	60.7	61.2	58.1	58.5	59.8	56.3	57.3	54.7	51.5	52
2023-Oct-09	35	60.7	55.3	59.3	60.5	55.7	58.8	58.3	54.6	55.9	49.1	0	49.1
2023-Oct-10	40	61.3	55.2	60.1	61	56.1	59.5	57.8	53.9	55.7	50.7	0	50.7
2023-Oct-11	56	63.7	60.4	61.1	60.8	55.1	59.6	60.7	58.3	57.4	55.2	52.2	52.1
2023-Oct-12	38	63.5	58.2	62.1	61.7	57.3	59.8	59.4	55.9	57.1	54.8	47.4	54
2023-Oct-13	47	62.4	57.6	60.7	61.4	56.2	59.9	60.6	58.4	56.6	51.1	0	51.1
2023-Oct-14	35	61.5	56.5	59.9	58.5	54.9	56.1	58.1	53.2	56.5	53.3	47.3	52.1
2023-Oct-15	41	66.1	59.5	65	59.6	55.9	57.3	60.9	55.1	59.6	59.7	52.1	58.7
2023-Oct-16	38	60.8	54.6	59.7	60.6	56.3	58.8	56.8	51.7	55.2	50.5	0	50.6
2023-Oct-17	46	63.1	58.5	61.4	60.8	54	60	59.5	54.6	58	54.6	51.1	52.2
2023-Oct-18	43	61.8	55.3	60.8	60.6	55.4	59.2	59.7	54.9	58	51.4	0	51.4
2023-Oct-19	34	62.9	57.9	61.4	60.8	54.9	59.7	59.2	54.8	57.3	54.4	49.6	52.8
2023-Oct-20	38	63.9	58.7	62.5	61.4	57.1	59.6	57.6	52.5	56.1	56.3	50.6	55
2023-Oct-21	35	61.4	56.9	59.6	59.6	56.1	57.1	59	56.7	55.3	51.8	41.5	51.5
2023-Oct-22	38	61.4	56.1	59.9	59.8	56	57.6	58.6	55	56.3	51.9	41.3	51.6
2023-Oct-23	35	61.7	56.2	60.3	61.4	56.8	59.6	59.3	55.2	57.3	50.1	0	50.1
2023-Oct-24	41	63.4	60.2	60.6	60.9	56.2	59.3	59	55.3	56.7	55.4	53	51.5
2023-Oct-25	48	61.4	55.7	60.1	60.4	55.3	59	59.2	55.8	56.6	50.7	0	50.8
2023-Oct-26	46	62.6	59.6	59.8	60.8	55.8	59.3	59.1	57.2	54.7	53.9	51.3	50.4
2023-Oct-27	40	61.8	57.5	59.9	61.3	57.6	58.9	59.2	56.6	55.8	50.9	38.6	50.6
2023-Oct-28	38	61.6	56.7	59.1	59.5	53.9	58.2	59.1	56.7	55.4	52.3	45.2	49.6
2023-Oct-29	35	62	57.3	60.3	60.4	57.5	57.4	58.9	53.2	57.7	52.7	46.4	51.6
2023-Oct-30	37	62.4	59.3	59.6	60.4	56.4	58.2	60.3	58.4	56.1	52.7	49	50.5
2023-Oct-31	29	61.2	55.3	60	60.9	56	59.3	57.7	52.1	56.4	50.3	0	50.3



Monthly Trend - October 2023

Monitor W4: 1, Han Sevar Str., 74 DG

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Oct-01	47	62.1	58.4	59.8	58.4	54.5	56.3	59.6	57.2	56	53.8	49.1	52.1
2023-Oct-02	46	62.3	55.4	61.3	63.9	55.8	63.1	57.6	54.8	54.8	46.8	0	46.9
2023-Oct-03	40	62.7	56.9	61.4	60.5	54.8	59.3	58.8	55.9	55.7	54.3	46.1	53.5
2023-Oct-04	42	60.5	56	58.7	60.2	54.5	59	58	54.6	55.4	49.1	45	47
2023-Oct-05	44	61.8	57.6	59.8	60.7	56.9	58.5	60.2	55.8	58.2	50.6	45.8	48.9
2023-Oct-06	46	61.4	57.4	59.3	60.4	55	59.1	58.3	56	54.7	51.6	47.4	49.5
2023-Oct-07	30	59.2	53.7	57.7	58.3	53.1	56.9	55.9	52.4	53.5	49.2	41	48.5
2023-Oct-08	55	62	57.6	60.1	59.2	55.4	57	58.2	54.2	56.2	53.8	48.9	52.2
2023-Oct-09	32	59.2	52.6	58.2	59.8	53.1	58.8	56	51.9	54	46.6	0	46.6
2023-Oct-10	39	59.8	52.9	58.9	60.5	54.3	59.5	55.8	50.8	54.2	47.5	0	47.5
2023-Oct-11	58	65.9	64	61.4	63.1	59.1	61	63.3	61.9	57.7	57.1	55.8	51.3
2023-Oct-12	37	60.6	55.4	59.1	60.6	54.1	59.5	56.7	53.3	54.1	50.1	45.1	48.5
2023-Oct-13	43	61.8	58.3	59.3	60.2	53.6	59.2	61.6	60.3	55.9	48.4	0	48.4
2023-Oct-14	34	62.8	59	60.5	57.6	55.2	53.8	59.7	56.6	56.8	55.3	50.7	53.6
2023-Oct-15	32	64.5	56.3	63.9	57	52.1	55.3	62	52.5	61.4	57.2	48.8	56.7
2023-Oct-16	37	60.9	54.6	59.7	60.2	54.6	58.9	57.4	54.4	54.3	50.9	0	50.9
2023-Oct-17	46	65.5	62.3	62.6	62.6	57.9	60.9	62	58.6	59.3	57.3	54.9	53.6
2023-Oct-18	41	62.9	57.8	61.4	63	59.4	60.6	59.5	55	57.6	51.8	0	51.8
2023-Oct-19	32	62.8	58.9	60.5	60.2	53.6	59.2	61.5	58.5	58.5	52.7	49.4	50
2023-Oct-20	38	61.7	56.3	60.3	60.3	54.8	59.1	56	52	53.8	53.3	47.6	52
2023-Oct-21	31	61.2	56.1	59.7	56.7	52.8	54.5	57.4	55.5	52.8	53.8	45.6	53.2
2023-Oct-22	38	58.6	53.7	57	57.1	53.5	54.7	56	52.6	53.6	49	39.4	48.5
2023-Oct-23	32	59.9	53.4	58.9	60.3	54	59.3	57.2	52.4	55.5	46.7	0	46.7
2023-Oct-24	40	62.7	60	59.3	60.3	53.7	59.3	57	53.1	54.8	55	53.6	49.1
2023-Oct-25	40	59.8	53.3	58.8	59.5	52.6	58.7	57.6	53.7	55.4	48	0	48
2023-Oct-26	45	60.8	57	58.6	60.2	53	59.5	57	54.8	53.1	50.9	48.5	47.2
2023-Oct-27	39	60.7	55.1	59.4	61	55.3	59.9	56.9	54.3	53.7	49.1	35.1	49
2023-Oct-28	34	59.4	54.5	56.8	57	51.2	55.8	56.5	54	53	50.5	44.1	47.4
2023-Oct-29	37	62.5	59.5	59.5	58.3	55.6	55.1	60.1	56.8	57.4	54.3	51.5	51.1
2023-Oct-30	36	60.6	56.6	58.4	58	53.8	56	57.7	55.6	53.6	51.9	46.6	50.5
2023-Oct-31	28	61.5	56.6	59.9	59.8	55	58.1	60.5	56.2	58.6	48.1	0	48.1

Monthly Trend - October 2023

Monitor W5: 2, Prof. N. RayOct Str., Art School

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Oct-01	6	56.2	38.1	56.2	54.7	32	54.8	53.5	33	53.5	46.6	31.4	46.4
2023-Oct-02	6	58.8	36.5	59.1	60	38	60.3	54.7	33.7	54.9	45.2	0	45.2
2023-Oct-03	13	59.3	48.7	59	58	45.1	58	56.7	46.5	56.3	49.4	40.1	48.9
2023-Oct-04	13	58.8	44.6	59.1	59.5	46.5	59.9	53.7	38.8	53.6	47.7	28.4	47.6
2023-Oct-05	15	60.1	47.5	60.1	58.2	38.3	58.4	56.7	49.6	55.8	51.5	28.9	51.6
2023-Oct-06	7	58.9	40.2	59.1	59.1	39.3	59.5	53.6	32.4	53.6	48.7	32	48.6
2023-Oct-07	2	59.5	32.1	59.7	58.3	34.1	58.7	52.8	28.1	52.8	51.4	0	51.4
2023-Oct-08	7	60.3	39	60.3	59	34.2	59.1	59.9	38.5	59.9	46.9	29.5	46.8
2023-Oct-09	7	59.5	35.9	59.9	60.6	38.3	61.1	53	29.7	53.1	48.2	0	48.3
2023-Oct-10	6	58.2	36.7	58.3	57.8	36.4	57.9	52.9	36.7	52.9	48.9	0	48.8
2023-Oct-11	73	62.2	58.9	59.5	60	54.7	58.7	59.3	57.1	55.4	53.2	50.3	50.1
2023-Oct-12	8	58.2	36.3	58.3	58.4	37.4	58.7	54.7	29.2	54.7	46.7	25.2	46.6
2023-Oct-13	7	59.7	36.3	59.9	58.2	37.8	58.5	55	33.8	55.1	51.2	0	51.3
2023-Oct-14	28	60.6	54.3	59.7	58.6	49.6	58.5	56	52	53.9	52.4	46.3	51.2
2023-Oct-15	5	56.8	39.1	56.8	53.6	34.1	53.6	53.1	41.2	52.9	48.9	0	48.9
2023-Oct-16	12	58.5	46.6	58.3	58.1	43.6	58.2	55	48.1	54	48.2	0	48.1
2023-Oct-17	62	61.8	58	59.6	59.9	54.4	58.7	57.9	54.8	54.9	53.3	50	50.6
2023-Oct-18	44	61.5	52.9	61	60.2	54.8	59	56.8	49.2	56.1	52.8	0	52.9
2023-Oct-19	16	60.3	52.3	59.7	58.9	45.9	59.1	57.6	53.2	55.5	50.6	40.6	50.2
2023-Oct-20	8	58.7	41	58.8	58.9	35.3	59.1	53.6	43.2	53.3	48.6	0	48.6
2023-Oct-21	8	59.8	51.4	59.3	57.2	30	57.5	52.3	46.6	50.8	52.6	45.4	51.7
2023-Oct-22	4	55.9	36.5	55.9	53.8	34.8	53.8	54.8	35.6	54.9	45	25.2	44.9
2023-Oct-23	3	57.9	30.6	58.1	58.4	29.5	58.7	53.1	31.3	53.1	46.8	0	46.7
2023-Oct-24	12	58.9	41.3	58.9	58.6	36.3	58.8	52.9	35.2	52.9	49.6	34.6	49.4
2023-Oct-25	4	58.4	33.6	58.6	58.4	35.1	58.7	53.9	31.1	54	48	0	48
2023-Oct-26	5	58.1	45.5	58	57.9	40.2	58.1	54.9	47.5	54.1	47.3	23.9	47.3
2023-Oct-27	9	58.3	43.7	58.3	58.1	42.8	58.3	55.7	44.2	55.4	46.8	0	46.7
2023-Oct-28	3	56.3	30.9	56.2	55.4	34.1	55.4	52.9	0	52.9	46.5	0	46.1
2023-Oct-29	15	58	53.3	56.1	53.9	38.6	53.8	56.4	51.3	54.7	49.2	46.3	46.1
2023-Oct-30	9	57.3	38.7	57.3	56.2	34.3	56.3	52.8	37.6	52.6	48.4	29.6	48.3
2023-Oct-31	20	58.3	51.8	57.3	57	45.4	56.8	56.5	53.2	53.8	46.8	0	46.8

Monthly Trend - October 2023

Monitor W6: 48, Bregalnitza Str., 1 DG

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Oct-01	0	49.1	0	49	47	0	47	46.6	0	46.6	39.8	0	39.8
2023-Oct-02	2	62.7	35.7	62.8	65.4	0	65.5	54.3	38.5	54.2	37.7	0	37.7
2023-Oct-03	10	57.5	46.7	57.4	58.9	44.5	59.1	49.2	43.6	47.8	46.1	37.9	45.3
2023-Oct-04	3	61.2	39.4	61.5	64.1	42.4	64.3	45.3	0	45.3	38.4	0	38.4
2023-Oct-05	7	59.4	44.2	59.4	61.7	32.6	61.9	51.6	46.8	49.8	41.3	0	41.3
2023-Oct-06	0	58	0	58.3	60.7	0	61	45.8	0	45.8	38.8	0	38.8
2023-Oct-07	0	49.1	0	49.1	48.8	0	48.8	44.2	0	44.2	39.5	0	39.5
2023-Oct-08	0	49.6	0	49.6	46.5	0	46.5	46.1	0	46.1	41.5	0	41.5
2023-Oct-09	0	59.7	0	59.8	62.5	0	62.7	44.6	0	44.6	38.5	0	38.5
2023-Oct-10	0	50.7	0	50.7	51.7	0	51.7	44.6	0	44.6	39.4	0	39.4
2023-Oct-11	71	62	57.9	60.2	63.3	56.7	62.5	56.1	54.8	50.1	49.7	48.1	44.3
2023-Oct-12	0	57.2	0	57.3	59.2	0	59.4	47.2	0	47.2	43.4	0	43.4
2023-Oct-13	1	58	29.6	58.4	60.6	32.6	61	45.9	0	45.9	40.9	0	40.9
2023-Oct-14	27	55.6	53.4	51.6	49.9	47	46.6	52.7	50	49.2	48.1	46.2	43.7
2023-Oct-15	2	50.8	40.7	50.3	46.2	0	46.2	47.6	43.5	45.4	43.1	0	43.1
2023-Oct-16	8	56.6	43.4	56.6	59	40.4	59.1	49	45	46.9	38.2	0	38.2
2023-Oct-17	59	58.2	55.8	54.5	56.4	52	54.5	54.6	52.6	50.2	49.5	47.8	44.2
2023-Oct-18	39	58.7	53.1	57.4	61.2	55.5	60	50.4	47.1	47.7	38.3	0	38.3
2023-Oct-19	11	54.4	49.3	52.8	52.5	44.7	51.8	54	49.7	51.9	42.1	37.9	40.1
2023-Oct-20	1	54.8	38.1	54.7	56.6	0	56.7	47.4	40.9	46.3	40.8	0	40.8
2023-Oct-21	7	54.1	51.7	50.5	45.7	0	45.7	48.6	46.2	44.7	47.8	45.8	43.7
2023-Oct-22	0	48.2	0	48.2	45.2	0	45.2	43.7	0	43.7	40.5	0	40.5
2023-Oct-23	0	55.2	0	55.3	57.5	0	57.6	47.1	0	47.1	39.2	0	39.2
2023-Oct-24	0	53.3	0	53.3	53.6	0	53.7	46.3	0	46.3	43.6	0	43.6
2023-Oct-25	0	57.6	0	57.8	60.2	0	60.4	48.2	0	48.2	38.7	0	38.7
2023-Oct-26	0	67.6	0	67.6	70.6	0	70.6	45.1	0	45.1	39.2	0	39.2
2023-Oct-27	3	52.2	41.3	51.9	53	39.2	52.9	48.1	42.5	46.8	39.7	0	39.7
2023-Oct-28	2	47.6	34.1	47.5	46.4	34.8	46.1	44.5	33.4	44.1	37.9	0	38.1
2023-Oct-29	11	53.6	51	50	46.9	0	46.9	52.4	49.9	48.6	45.3	43.6	40.4
2023-Oct-30	0	50	0	50	50.3	0	50.3	44.9	0	44.9	39.6	0	39.6
2023-Oct-31	17	54.1	50	51.9	53.1	43.1	52.6	52.2	51.4	44.3	41.7	0	41.7



AIRPORT

Monthly Trend - October 2023

Monitor E2: Krivina, 155 School

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Oct-01													
2023-Oct-02													
2023-Oct-03	Технически проблем												
2023-Oct-04													
2023-Oct-05													
2023-Oct-06	11	56.9	50.8	55.7	49.5	28.6	49.5	49	0	49	50	44.7	48.6
2023-Oct-07	22	56.8	52.5	54.9	50.6	44.1	49.5	48.2	37.4	47.8	50.7	46.9	48.4
2023-Oct-08	6	54.5	37.1	54.5	51.9	38.5	51.8	48.9	0	48.9	47	26.7	46.9
2023-Oct-09	10	55.1	47.4	54.4	50	27.7	50	48.7	36.1	48.6	48.5	42	47.4
2023-Oct-10	19	56.3	50.7	54.9	51.5	41.5	51.1	51.3	39.6	51	49.3	45.1	47.2
2023-Oct-11	54	56.6	52.8	54.2	53	49	51	51.1	47	49	49.3	45.8	46.7
2023-Oct-12	19	55.2	50.4	53.5	49.3	42.3	48.5	49.3	41.7	48.5	48.6	44.4	46.6
2023-Oct-13	15	55.1	48.4	54.2	49.8	41.5	49.2	46.5	0	46.5	48.8	42.7	47.7
2023-Oct-14	42	55.4	50.7	53.7	51.9	48.2	49.7	51	47.9	48.2	47.9	42	46.6
2023-Oct-15	7	57.2	36.6	57.2	51.2	39.2	50.9	50	29.3	50	50.9	0	50.9
2023-Oct-16	16	55.5	48.9	54.5	51.1	37.3	51	49.7	44.9	48.1	48.5	42.5	47.4
2023-Oct-17	52	56	51.7	54.1	53.2	48.1	51.8	51	47.5	48.5	48.4	44.2	46.4
2023-Oct-18	49	56.2	51.7	54.4	52.5	47.7	51	50.8	48.2	47.3	49	43.9	47.5
2023-Oct-19	26	56.3	52.6	54.1	50.8	41.6	50.3	51.6	47.5	49.6	49.5	46.4	46.6
2023-Oct-20	28	58.2	50.3	57.5	59.4	47.8	59.2	49.7	44.7	48.1	47.2	42.7	45.4
2023-Oct-21	21	54.5	50.1	52.6	49.6	37.5	49.3	47.8	38.2	47.3	47.9	44.6	45.3
2023-Oct-22	17	57.1	53.7	54.4	48.3	36.1	48.1	50.5	41.3	50	51	48.3	47.6
2023-Oct-23	15	55.5	48.4	54.6	50.6	42	50	49.6	33.9	49.5	48.7	42.6	47.6
2023-Oct-24	17	55.2	47.8	54.4	50.7	44.4	49.6	49.2	37.9	48.9	48.4	41.1	47.6
2023-Oct-25	11	55	46.7	54.4	51.8	39.9	51.5	49.5	0	49.5	47.7	41	46.7
2023-Oct-26	14	55.5	48.3	54.7	50.6	39.6	50.2	49	39.1	48.6	48.9	42.4	47.9
2023-Oct-27	19	54.9	48.1	54	49.7	42.2	48.8	49.3	36.6	49.2	48.2	42.1	47
2023-Oct-28	15	55	48	54.1	50.1	40.8	49.6	48.4	0	48.4	48	42	46.9
2023-Oct-29	29	56	51.2	54.4	49.7	42.3	48.9	49.9	44.7	48.5	49.5	45.1	47.7
2023-Oct-30	14	55.3	48.7	54.3	52.7	37.7	52.6	45.9	37	45.4	48.3	43.1	46.8
2023-Oct-31	15	53.8	46.7	52.9	52.4	46.6	51.2	49	44.8	47	46.3	0	46.3

Monthly Trend - November 2023

Monitor W1: 920m west of RWY 09

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Nov-01	28	60.9	56.5	59	60.5	56.9	58.1	58.1	55.9	54.3	50	0	50
2023-Nov-02	26	62.6	57.7	61.1	61.4	58.4	58.3	60.8	55.9	59.2	51.9	40	51.8
2023-Nov-03	43	64.7	61.1	61.9	64.6	60.8	61.5	61.9	58.9	59.1	53	49.1	50.8
2023-Nov-04	49	64	59.8	61.9	64	59.8	62	61.1	58.6	57.5	52.1	44.8	51.3
2023-Nov-05	44	63.2	60.2	60.2	62.1	59.6	58.6	60.5	58.5	56.2	53.2	48.4	51.5
2023-Nov-06	31	61.7	56.8	60.1	61.7	58.6	58.9	58.9	53.7	57.4	50.1	0	50.1
2023-Nov-07	25	61.2	56.3	59.5	61.6	56.8	59.8	56.8	55.3	51.7	50.1	33.8	50
2023-Nov-08	31	61.6	57	59.7	61.4	57.1	59.5	59.5	55.7	57.2	49.1	41.8	48.2
2023-Nov-09	27	61.9	57	60.2	61.8	58.4	59.1	57.9	54.2	55.6	51.5	39.2	51.3
2023-Nov-10	61	67.3	65.1	63.4	63.6	61.1	60.1	64.4	60.9	61.8	59.2	57.6	54.2
2023-Nov-11	36	62.4	58.4	60.2	62.7	59.2	60.3	60.1	57.2	56.9	49	0	49
2023-Nov-12	35	62.4	59.6	59.3	61.8	59.7	57.6	59.8	54.5	58.3	51.8	49.4	48
2023-Nov-13	35	61.8	57.9	59.6	61	58.5	57.3	59.3	56.4	56.1	51.2	39.5	51
2023-Nov-14	31	61	54	60.1	61	56.6	59.1	55.6	45.1	55.2	51.2	32.6	51.2
2023-Nov-15	46	64.1	62.3	59.6	61.8	58.3	59.3	59.2	56.9	55.2	56.2	55.2	49.7
2023-Nov-16	36	61.6	56.2	60.2	61	55.7	59.5	60.6	56.4	58.6	48.2	0	48.3
2023-Nov-17	45	64.7	61.3	61.6	62.8	58.9	60.7	61.5	59.3	57.4	55.8	52	52.4
2023-Nov-18	24	65.7	57.6	64.9	63.4	51.2	62.7	61.5	55.9	60.4	57.5	49.6	56.8
2023-Nov-19	44	61.4	58	58.9	61.5	58.8	58.3	58.8	56.8	54.5	49.4	0	49.4
2023-Nov-20	28	61.1	55.4	59.8	59.3	56.7	56	58.9	52.9	57.8	51.2	34.9	51.2
2023-Nov-21	30	61.5	56.5	59.9	62	57.9	59.9	58.9	54	57.1	48.2	33.3	48.1
2023-Nov-22	34	60.6	57.2	58	60.7	58.4	56.8	59.1	55.6	56.4	47	0	47
2023-Nov-23	39	64.2	62	60.3	60.8	57.9	57.8	58.8	57.8	51.9	56.9	54.5	53.2
2023-Nov-24	60	67.4	65.2	63.3	62.8	60.4	59.1	61.1	59.6	55.7	60.5	58.3	56.6
2023-Nov-25	44	63.2	61.2	59	61.4	59.1	57.7	58.1	56	54.2	55	53.2	50.5
2023-Nov-26	53	65.2	59.3	64	58.8	54.8	56.5	58	56.5	52.8	58.8	51.4	58.1
2023-Nov-27	52	63.1	59.7	60.5	59.8	56.7	57	58.8	50.8	58.1	55.4	52.8	52
2023-Nov-28	38	63.8	61.3	60.2	62	57.4	60.3	58.1	54.7	55.5	55.7	54.4	50.1
2023-Nov-29	43	63.2	59.4	60.9	61	58.8	57	58.8	55.5	56.2	55.3	49.5	54
2023-Nov-30	36	63.4	60	60.7	61.5	59.3	57.6	62.6	58.2	60.7	50.4	47	47.1

Monthly Trend - November 2023

Monitor W2: 18, Gr. Tzambalak Str., 106 School

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Nov-01	25	61.5	56.9	59.8	61.3	57	59.3	59.4	56.6	56.3	49.5	0	49.5
2023-Nov-02	23	63.2	57.8	61.9	62.3	58.9	59.7	61.7	56.1	60.3	51.6	24.8	51.7
2023-Nov-03	40	63.6	58.8	61.6	62	57.5	59.4	60.7	57.5	57.9	54.1	47.5	53.2
2023-Nov-04	45	64.2	59.7	62.5	63.6	59.6	61.5	61.4	58.5	58.2	53.7	44.6	53.3
2023-Nov-05	40	63.3	60.1	60.5	62.4	59.4	59.4	60.5	58.2	56.7	53.1	48.6	51.3
2023-Nov-06	30	62.3	56.7	61	62	58.2	59.7	59.8	54.2	58.4	50.8	0	50.9
2023-Nov-07	25	62.6	57.5	61.1	62.2	58.2	59.9	60	56.2	57.8	51.3	31.8	51.5
2023-Nov-08	26	62.7	57.6	61.2	62.2	57.8	60.3	60.8	56.2	58.9	51	42.5	50.4
2023-Nov-09	27	62	56.7	60.6	61.6	58	59.3	58.4	54.7	56.1	51.7	0	51.9
2023-Nov-10	61	64.5	61.8	61.2	61.7	58.3	59.2	61.6	58.3	58.9	55.9	53.8	51.8
2023-Nov-11	35	61.8	57	60.1	61.6	57.4	59.6	60.2	56.8	57.6	49.3	0	49.4
2023-Nov-12	35	63.4	60.2	60.7	62.8	60.2	59.5	61.1	55.3	59.7	52.3	50.1	48.4
2023-Nov-13	34	62.4	58.6	60.1	61.6	58.9	58.3	60.5	58	57	51	0	51.1
2023-Nov-14	25	61.5	54.3	60.7	61.4	57	59.5	58.2	45.4	58.1	50.6	29.7	50.7
2023-Nov-15	44	64.9	62.5	61.2	62.1	58.3	59.9	60.9	57.7	58.3	56.8	55.3	51.5
2023-Nov-16	36	62.3	56.7	61.1	61	55.9	59.5	61.8	57.1	60.1	49.4	0	49.5
2023-Nov-17	46	65.4	61.5	63	61.3	56.7	59.5	61.3	59.2	57.4	58	53.5	55.8
2023-Nov-18	22	65.9	59.1	64.8	64.6	52.1	63.8	61.5	57.4	59.6	57.1	51.2	56
2023-Nov-19	44	63.1	58.5	61.4	62.7	59.5	60.1	59.9	57	56.9	52.6	0	52.6
2023-Nov-20	25	61.7	55.9	60.5	60.5	56.9	58.2	60.4	54.5	59.2	50.3	0	50.3
2023-Nov-21	33	63.1	58.1	61.6	63.3	59.5	61.1	60.1	55.6	58.2	51.3	0	51.3
2023-Nov-22	35	62.4	58.4	60.2	62.2	59.3	59.1	60.6	57.1	58.1	49.5	0	49.6
2023-Nov-23	39	65.3	62.5	62.2	61.2	57	59.3	60.3	58.7	55.3	58.1	55.3	54.9
2023-Nov-24	59	67.2	64.9	63.5	63.1	60.4	59.9	61.8	60.1	57.2	60.1	57.8	56.4
2023-Nov-25	44	64.6	61.9	61.5	62.6	60.2	58.8	59.4	56.6	56.3	56.5	53.6	53.8
2023-Nov-26	58	64.4	60.1	62.5	61.4	55.8	60.2	59.5	57.4	55.4	56.7	52.2	55.1
2023-Nov-27	48	63.2	57.9	61.7	60.5	56.1	58.8	59.8	51.2	59.3	54.8	50.2	53
2023-Nov-28	39	64	61.4	60.8	61.1	56.1	59.7	57.8	52.7	56.4	56.7	55.1	51.7
2023-Nov-29	44	64.3	60.2	62.2	62.6	59.8	59.5	60.2	56.7	57.6	55.7	49.7	54.4
2023-Nov-30	37	64.9	61	62.6	63	60.3	59.8	63.8	59.1	62.2	53.1	48.1	50.6



Monthly Trend - November 2023

Monitor

W3: 51 Plakalnica Str. City Hall

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Nov-01	27	61	54.8	59.9	60.2	55.2	58.7	58.2	54.2	56.1	50.8	0	50.8
2023-Nov-02	25	61.9	55.5	60.9	61.1	55.4	59.8	59.8	55.3	58.2	50.8	0	50.8
2023-Nov-03	42	62.6	57.1	61.1	61	54.9	59.6	58.9	55.4	56.7	53.6	47.4	52.5
2023-Nov-04	47	62.3	57.4	60.8	61.8	56.4	60.6	59.6	56.7	56.6	51.4	43.7	50.7
2023-Nov-05	38	61.7	57.1	59.9	60.2	56.6	57.8	58.4	55.7	55.2	52.4	44.5	51.7
2023-Nov-06	31	61.8	55	60.9	61	56.1	59.5	58.6	53.4	57.2	51.8	20.8	51.8
2023-Nov-07	23	61.6	54.5	60.9	61.4	55.5	60.7	57.3	53.1	55.3	51.4	0	51.5
2023-Nov-08	25	62.2	54.7	61.6	61.6	54.6	61.1	59.2	54.2	57.7	51.8	36.2	51.7
2023-Nov-09	26	62.4	53.8	61.8	60.7	55.5	59.3	57.5	50.8	56.6	54	0	54.1
2023-Nov-10	66	63.5	59.7	61.3	61	56.3	59.7	60.4	56.3	58.3	54.8	51.7	52
2023-Nov-11	38	61.5	55.4	60.4	60.2	55.1	58.8	59	55.4	56.5	51.6	0	51.6
2023-Nov-12	36	62.4	57.8	60.7	60.9	57.8	58.3	59.8	53.3	58.8	52.8	47.7	51.2
2023-Nov-13	31	62.3	55.4	61.4	60.9	56.4	59.2	59	53.9	57.4	53.1	0	53.2
2023-Nov-14	28	61.3	51.9	60.8	60.6	54.6	59.5	57	44.4	56.8	51.8	29.7	51.8
2023-Nov-15	46	63.6	60.4	60.9	61.3	56.3	59.9	59	55.3	56.7	55.5	53.3	51.6
2023-Nov-16	35	62.1	54.6	61.4	60	53.8	59	60.5	55	59.1	52	0	52.1
2023-Nov-17	49	64.3	59.9	62.5	61.5	55.3	60.8	61	58.3	58.4	56	51.3	53.9
2023-Nov-18	22	63.6	57.7	62.3	62.2	50.1	61.6	60	56.3	57.8	54.5	49.8	52.8
2023-Nov-19	45	62.3	56.2	61.2	60.2	56.8	57.8	58.6	55.4	55.9	53.8	0	53.8
2023-Nov-20	27	61.8	53.8	61.1	59.9	54.7	58.5	59	52.4	58	52.5	0	52.5
2023-Nov-21	31	61.8	55.8	60.7	61.9	57.4	60.2	58.2	53	56.7	50.9	0	51
2023-Nov-22	32	61.8	55.9	60.6	61	56.7	59.1	58.7	54.6	56.6	51.6	0	51.7
2023-Nov-23	42	63.5	60.9	60.3	60.4	54.7	59.2	58	55	55.1	56.2	54.3	51.7
2023-Nov-24	58	65.1	62.2	62.2	61.8	57.7	59.9	60	57.8	56.2	57.7	55	54.6
2023-Nov-25	44	63.1	60	60.4	61.7	58.1	59.3	58.7	54.9	56.5	54.5	51.8	51.1
2023-Nov-26	45	61.6	55.6	60.5	58.9	53.2	57.6	58	55.6	54.6	54.1	40.8	54.1
2023-Nov-27													
2023-Nov-28													
2023-Nov-29													
2023-Nov-30													

Технически проблем



Monthly Trend - November 2023

Monitor W4: 1, Han Sevar Str., 74 DG

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Nov-01	27	58.4	51.7	57.4	57.9	52.1	56.7	55.4	51	53.5	47.8	0	47.8
2023-Nov-02	21	60.1	52.9	59.2	60.1	52.1	59.4	57.4	53.3	55.5	48.2	0	48.2
2023-Nov-03	41	63.9	59.9	61.5	63.7	58.5	61.6	59.8	57.4	56.3	53.8	50.1	51.4
2023-Nov-04	46	62.2	56.1	61.1	61.4	56.4	59.9	57.8	54.4	55.3	53	41.6	52.6
2023-Nov-05	32	59.6	54.1	58.2	58.6	54.5	56.6	56.1	50.8	54.7	50	42	49.3
2023-Nov-06	28	60.5	52.6	59.8	58.6	53.7	56.9	56.4	51	55	52.1	0	52.1
2023-Nov-07	22	62	52.1	61.6	60.7	53	60.1	61.5	50.7	61.1	48.9	0	48.9
2023-Nov-08	24	62.1	52.6	61.7	60.8	52.8	60.2	58.3	51.7	57.4	53.1	34.3	53.1
2023-Nov-09	23	61.7	53.6	61.1	61.2	54.3	60.4	57.8	52.5	56.4	51.7	0	51.7
2023-Nov-10	66	65.7	63.6	61.8	62.8	59.8	60.1	62.8	59.8	59.7	57.3	55.9	51.6
2023-Nov-11	31	61.3	55.5	60	60.5	56.7	58.3	57.7	53.5	55.6	51.5	0	51.5
2023-Nov-12	35	60.4	55.4	58.8	58.4	55.1	55.8	57.9	51.3	56.8	51	45.3	49.7
2023-Nov-13	29	61.1	53.3	60.6	60.8	54.3	60.2	57.2	51.7	55.8	51	0	51
2023-Nov-14	28	60.9	49.9	60.7	60.6	52.4	60.2	54.8	41.8	54.6	51.7	27.7	51.7
2023-Nov-15	45	62.6	58.6	60.5	60.1	54.7	58.7	57.1	53	55.1	54.9	51.5	52.4
2023-Nov-16	32	60.8	52.4	60.2	60.1	51.5	59.6	58.2	52.8	56.9	49.9	0	49.9
2023-Nov-17	47	65.7	59.8	64.6	62.4	58.1	60.5	61	58.3	57.9	58.1	49.1	57.8
2023-Nov-18	20	64.9	54.6	64.3	64.8	48	64.2	60.8	54.6	59.6	54.6	45	54.2
2023-Nov-19	40	59.6	53.8	58.3	58.8	54.3	57	56	53	53	49.9	0	49.9
2023-Nov-20	25	60.3	51.4	59.8	59.3	52.2	58.5	57.1	50.2	56.2	50.6	0	50.6
2023-Nov-21	28	61	53.5	60.3	61.2	55	60.3	56.6	50.9	55.4	50.3	0	50.3
2023-Nov-22	30	59.9	54.1	58.6	59.6	54.4	58.1	56.6	53.4	53.9	49.1	0	49.1
2023-Nov-23	42	62.3	58.9	59.7	61.5	56.3	60.2	55.1	51.7	52.6	53.8	51.6	49.8
2023-Nov-24	54	64.7	61.9	61.5	60.1	55.4	58.3	58.4	56.1	54.6	57.9	55.4	54.4
2023-Nov-25	43	62.3	58.3	60.3	60.6	55.8	59	57.9	53.6	56.1	53.8	50.3	51.4
2023-Nov-26	45	64.2	56.2	63.9	59.9	51.8	59.2	58.7	54.2	57.1	57.2	47.8	57.2
2023-Nov-27	39	62.2	57.8	60.4	59.5	52.4	58.6	57.9	52.2	56.7	54.3	51	51.7
2023-Nov-28	43	62.6	58.3	60.7	61.9	57.7	59.9	57.9	52.4	56.6	53.4	49.4	51.3
2023-Nov-29	42	63.5	54.8	63.7	60.5	54.8	59.3	58.1	51.8	57.1	56	43.1	57
2023-Nov-30	33	62	56.1	60.6	60.3	53.6	59.3	59.5	54.6	57.8	52.8	46.4	50.8

Monthly Trend - November 2023

Monitor W5: 2, Prof. N. Raynov Str., Art School

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Nov-01	7	56.6	37	56.6	56.6	40	56.6	53.1	0	53.1	45.6	0	45.6
2023-Nov-02	3	57.7	35	57.8	58	35.4	58.2	54.4	34.3	54.4	45.8	0	45.8
2023-Nov-03	51	62	55.2	61	60.4	55.2	58.6	57.9	52.1	56.9	53.2	44.1	52.8
2023-Nov-04	16	57.8	47.3	57.7	58.2	50.1	58	53.1	32.9	53	47	24.9	46.9
2023-Nov-05	4	59.2	44.2	59.1	58.6	47.2	58.3	52.1	0	52.1	50.7	0	50.8
2023-Nov-06	6	56.8	33.3	56.9	57.2	36.3	57.3	53.7	0	53.7	44.8	0	44.7
2023-Nov-07	5	57.1	34.5	57.2	57.5	36.8	57.7	53	28.6	53.1	45.9	0	45.9
2023-Nov-08	9	58.7	40.1	59	59.5	42.4	59.9	55	34.6	55.1	46.1	0	46.1
2023-Nov-09	15	58.3	46.2	58.2	58.3	45.7	58.3	55.4	46.4	54.9	46.7	0	46.7
2023-Nov-10	69	62.2	59.3	59.2	60.7	57.4	58.2	58.2	55.8	54.6	53.4	50.6	50.2
2023-Nov-11	22	57.6	48.9	57	58.4	51.8	57.4	52.4	36.9	52.3	46.1	0	46
2023-Nov-12	9	56	38.7	55.9	54.5	37.8	54.5	53.3	0	53.3	46.3	31.3	46.1
2023-Nov-13	12	57.5	38.7	57.7	58	41.3	58.2	54.2	31.5	54.2	45.4	0	45.4
2023-Nov-14	2	58	29.9	58.1	58.1	32.9	58.4	54.8	0	54.9	46.3	0	46.3
2023-Nov-15	11	58.3	46	58.3	58.7	46.8	58.8	54.7	42.6	54.5	46.6	32.9	46.4
2023-Nov-16	5	58	37	58.1	58.4	37.2	58.6	54.1	36.7	54.1	46.3	0	46.3
2023-Nov-17	44	61.4	54.2	60.9	61.7	55.4	61.1	58.8	52.2	58	48.5	25.8	48.5
2023-Nov-18	3	57.9	35.2	57.8	58.2	32	58.1	53.7	36.8	53.5	46.8	0	46.7
2023-Nov-19	5	55.6	34.3	55.6	54	36	53.9	53.4	31.2	53.4	45.6	0	45.6
2023-Nov-20	2	58.4	30.4	58.5	58.6	33.4	58.7	53.1	0	53.1	48.3	0	48.4
2023-Nov-21	9	57.5	35.2	57.6	57.5	38.2	57.7	54.7	0	54.8	45.6	0	45.6
2023-Nov-22	11	58.4	37.7	58.5	58.3	39.6	58.5	53.7	33.7	53.7	48.4	0	48.4
2023-Nov-23	22	59.1	48.4	59	59.6	50.7	59.4	53.3	28.4	53.4	48.8	34.8	48.6
2023-Nov-24	29	61.6	55.9	60.6	58.4	45.6	58.5	55.8	50.4	54.3	54.4	49.7	53
2023-Nov-25	9	60.2	41.3	60.4	60.3	39.2	60.7	54.6	34.8	54.6	50.2	33.7	50.1
2023-Nov-26	5	58.7	40.4	58.7	56.1	41.1	56.1	50.9	34.5	50.8	51.6	29.7	51.5
2023-Nov-27	18	58.9	53	57.7	57.9	45.3	57.9	54.9	47.4	54.1	49.5	46.6	46.4
2023-Nov-28	46	60.5	52.2	60	59.8	53.9	58.8	56.5	48.2	56	50.9	34.5	50.8
2023-Nov-29	7	60.4	38.1	60.6	61.9	38.1	62.2	54.6	37.6	54.6	46.8	0	46.7
2023-Nov-30	7	58.5	42.9	58.4	58.6	35.1	58.9	54.4	43.7	54.1	47.1	31.8	45.8

Monthly Trend - November 2023

Monitor W6: 48, Bregalnitza Str., 1 DG

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Nov-01	1	50.4	31.3	50.3	50.5	34.3	50.4	46.5	0	46.5	39.4	0	39.4
2023-Nov-02	0	50.6	0	50.6	51	0	51	44.8	0	44.8	40.3	0	40.3
2023-Nov-03	48	58.7	53.3	57	56.1	52.8	52.6	54	50.7	51.3	50.7	42.5	50.1
2023-Nov-04	10	52.8	44.4	52.2	53	47.4	51.6	45.8	0	45.8	43.4	0	43.4
2023-Nov-05	2	53.2	43.9	52.6	51.5	46.9	49.6	45.9	0	45.9	45.5	0	45.5
2023-Nov-06	0	55.3	0	55.4	57.2	0	57.5	45.4	0	45.4	42	0	42
2023-Nov-07	0	57.4	0	57.7	60	0	60.3	44.6	0	44.6	39.4	0	39.4
2023-Nov-08	1	52.3	29.3	52.3	53.1	32.3	53.1	48.2	0	48.2	39.9	0	39.9
2023-Nov-09	9	57.4	44.2	57.3	59.6	43.7	59.6	48.8	44.5	46.8	41.9	0	41.9
2023-Nov-10	66	58.8	56.8	54.4	56.7	53	54.4	55.6	54.3	49.8	50	48.6	44.2
2023-Nov-11	18	52.5	47.1	51	53.3	50.1	50.5	46.8	0	46.8	41.3	0	41.3
2023-Nov-12	1	50.6	29.6	50.6	50.9	32.6	50.9	45.8	0	45.8	40.2	0	40.2
2023-Nov-13	1	54.4	32.5	54.5	56.5	35.5	56.7	46.1	0	46.1	39.4	0	39.4
2023-Nov-14	0	55	0	55	56.9	0	57	46.7	0	46.7	41	0	41
2023-Nov-15	2	54.5	41.6	54.4	56.3	44.6	56.1	45.7	0	45.7	41.7	0	41.7
2023-Nov-16	0	50.5	0	50.5	51.3	0	51.3	45.4	0	45.4	39.1	0	39.1
2023-Nov-17	38	55.8	51.1	54.1	56.3	51.9	54.5	53	49.8	50.1	42.5	0	42.5
2023-Nov-18	0	50.9	0	50.9	50.3	0	50.3	46.8	0	46.8	41.4	0	41.4
2023-Nov-19	0	48.8	0	48.8	46.4	0	46.4	44.8	0	44.8	40.5	0	40.5
2023-Nov-20	0	50.5	0	50.5	50.3	0	50.3	45.7	0	45.7	40.8	0	40.8
2023-Nov-21	0	50.8	0	50.8	51.4	0	51.5	45.3	0	45.3	40	0	40
2023-Nov-22	0	52	0	52	52.2	0	52.2	45.8	0	45.7	42.2	0	42.2
2023-Nov-23	15	52.2	45.1	51.3	53.9	48.1	52.7	44.2	0	44.2	39.5	0	39.5
2023-Nov-24	14	58.2	54.6	55.7	54.7	42.1	54.6	50	47.7	46.2	51.3	48.7	47.9
2023-Nov-25	0	50.2	0	50.2	50.1	0	50.1	45.2	0	45.2	40.4	0	40.4
2023-Nov-26	0	54.4	0	54.6	43.1	0	43.1	40.5	0	40.5	48.9	0	49.1
2023-Nov-27	16	53.8	51.1	50.4	50.3	42.6	49.5	48.3	45.1	45.4	46.6	44.9	41.5
2023-Nov-28	41	56	50.5	54.6	55.2	52.2	52.1	51.5	47.4	49.2	46.9	0	46.9
2023-Nov-29	0	51.7	0	51.7	51.4	0	51.4	46.9	0	46.8	41.9	0	41.9
2023-Nov-30	1	55	39.2	54.8	56.2	0	56.3	47.8	41.4	46.7	42.3	0	41.4

Monthly Trend - November 2023

Monitor E1: 960m east of RWY 27

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Nov-01	53	73.1	67	72	71.1	63.9	70.3	66.8	58.5	66.1	65.4	60	63.9
2023-Nov-02	52	73	66	72.1	71.3	61.5	71	67.3	59.4	66.6	64.9	59.2	63.6
2023-Nov-03	62	73.5	67.2	72.3	70.6	58.4	70.4	68.9	63.9	67.2	65.7	60.4	64.2
2023-Nov-04	43	72.7	67	71.5	70.2	61.4	69.6	68.2	63.5	66.4	64.8	59.7	63.3
2023-Nov-05	59	74.2	68.7	72.9	69.2	62.1	68.4	69.5	65.8	67.2	67.2	61.5	65.9
2023-Nov-06	67	73.7	67.8	72.6	71.5	62.7	71.1	67.7	62.3	66.2	66.1	61	64.5
2023-Nov-07	65	72.8	66	71.9	71	61	70.6	67.5	60.9	66.4	64.8	59	63.5
2023-Nov-08	76	74.6	70.6	72.5	71.8	64.6	71.1	68.4	63.2	66.9	67.3	64.3	64.2
2023-Nov-09	60	72.7	65.7	71.8	71	62.3	70.4	67	60.6	66	64.5	58.3	63.5
2023-Nov-10	62	72.3	64.2	71.7	71	61	70.7	67.2	57.4	66.8	63.8	57.2	62.8
2023-Nov-11	44	72.2	66.9	70.7	69.6	60.1	69.1	66.9	62.7	64.8	64.6	60	62.7
2023-Nov-12	58	73.6	68.7	71.9	69.4	61.4	68.7	68.7	61.9	67.8	66.3	62.5	64.1
2023-Nov-13	55	73.2	67.3	72	71	62.4	70.5	67.1	58.1	66.5	65.6	61	63.7
2023-Nov-14	70	73.4	68.1	72	71.2	62.9	70.6	68	63.1	66.3	65.7	61.2	63.8
2023-Nov-15	62	73.4	68.6	71.8	71.6	64.2	71	67.9	64.2	65.5	65.3	61.4	63.2
2023-Nov-16	63	73.4	67.8	72.1	70.8	63.2	70	68.3	64.2	66.1	65.7	60.3	64.3
2023-Nov-17	62	73.3	66.6	72.4	71.5	62.3	71.2	69.4	62.3	68.5	64.6	59.4	63.2
2023-Nov-18	17	71.7	65.1	70.4	69.8	56.4	69.5	67.7	62.3	65.1	63.2	58	61.7
2023-Nov-19	62	73.2	68	71.8	68.9	62.3	67.9	68.4	63.4	66.8	66.1	61.1	64.5
2023-Nov-20	49	73.1	66.8	72	70.8	62	70.3	67	60.1	66	65.5	60.2	64
2023-Nov-21	80	72.8	67.2	71.5	71.3	63.5	70.6	67	60.4	65.9	64.6	60.3	62.7
2023-Nov-22	57	73.3	66	72.5	71.1	62.2	70.5	67.8	60.3	67	65.4	58.9	64.5
2023-Nov-23	50	72.6	65.5	71.8	71.4	61.3	71.3	67.6	60	66.8	64	58.4	62.6
2023-Nov-24	56	72.8	66	71.8	71.5	63.6	70.9	68.6	63.3	67.2	63.8	57.2	62.7
2023-Nov-25	42	70.7	66	69	70	63.5	69	66.8	62.7	64.7	61	57.5	58.5
2023-Nov-26	37	71.3	66.8	69.3	66.7	60.3	65.4	67.1	62.5	65.3	64	59.9	61.8
2023-Nov-27	46	71.1	63.8	70.2	69.1	59.4	68.6	65.7	57.9	65	63.1	57	61.9
2023-Nov-28	39	72.6	63.9	72.1	69.9	56.2	69.8	67.9	63.2	66.2	64.8	55.4	64.4
2023-Nov-29	45	73	67.7	71.6	71	63.1	70.3	67.2	61.9	65.8	65.2	60.8	63.3
2023-Nov-30	54	72	64.5	70.9	71	63.2	70.3	67.7	61.2	66.6	63.3	55.4	61.5

Monthly Trend - November 2023

Monitor E2: Krivina, 155 School

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Nov-01	15	56.1	50.3	54.9	51.5	41.2	51.1	49.4	0	49.4	49.4	44.8	47.8
2023-Nov-02	18	54.8	50.8	52.6	49.9	37.9	49.6	46.5	40.1	45.4	48.3	45.3	45.5
2023-Nov-03	44	58	51.7	56.8	53.3	46.9	51.6	52.4	49	50	51.2	43.9	50.3
2023-Nov-04	11	55.6	47.8	54.9	53.3	40.4	53.1	49	0	49	48.1	42.1	46.9
2023-Nov-05	17	55.1	48.1	54.2	50.2	42.2	49.5	47.2	0	47.2	48.6	42.3	47.6
2023-Nov-06	22	56.4	51.3	54.8	51.3	39.6	51	50.8	43.7	49.9	49.6	45.5	47.6
2023-Nov-07	25	56.1	50	55	52.9	43.8	52.4	49.2	43.1	48	49.1	43.7	47.7
2023-Nov-08	17	56.8	50.6	55.6	53.7	40.6	53.6	49.9	0	50	49.6	45.2	47.8
2023-Nov-09	29	55.4	50.3	53.9	51	42.7	50.4	50.6	45.4	49.2	48.2	43.7	46.4
2023-Nov-10	51	56	52	53.9	52.8	48.4	50.9	51.3	46.7	49.6	48.5	44.7	46.2
2023-Nov-11	18	55.6	48.9	54.6	52.9	47.8	51.4	50.1	0	50.1	48	41.6	46.9
2023-Nov-12	14	56.2	50.6	54.9	50.7	35.1	50.7	48.3	39.6	47.7	49.9	45.1	48.2
2023-Nov-13	15	56.1	50	54.9	51	37.6	50.8	50.8	40.7	50.3	49.3	44.4	47.7
2023-Nov-14	21	56.9	49.4	56.2	50.4	39.9	50.1	51.1	42.5	50.5	50.4	43.4	49.6
2023-Nov-15	7	56.4	39.9	56.3	52.9	37.7	52.8	54.4	40	54.3	47.6	27	47.5
2023-Nov-16	16	63.1	56.8	61.9	55.3	40.8	55.2	64.8	58.4	63.6	49.1	45.2	46.9
2023-Nov-17	37	57.5	47.6	57.1	53.7	48.9	52.1	53.4	45.4	52.7	50	0	50
2023-Nov-18	3	57.5	32.1	57.5	56.7	35.1	56.6	52.2	0	52.2	48.7	0	48.7
2023-Nov-19	10	57.3	49.1	56.7	56.1	0	56.1	50.3	39.5	49.9	49.3	43.7	48
2023-Nov-20	15	55.7	50.1	54.3	52.4	41.2	52.1	49.9	38.3	49.6	48.4	44.4	46.3
2023-Nov-21	16	55.4	50.3	54	50.4	41.4	49.9	48.1	36.3	47.8	48.9	44.6	47.1
2023-Nov-22	19	56.2	50.6	54.9	52.1	39.4	51.9	48.5	41.7	47.6	49.5	44.9	47.8
2023-Nov-23	21	53.8	46.6	52.9	50.8	44.3	49.8	47.4	35.4	47.1	46.5	39.7	45.6
2023-Nov-24	12	55.6	44.9	55.3	50.2	41.9	49.6	51.6	40.9	51.3	48.5	36.9	48.2
2023-Nov-25	0	52.5	0	52.5	52	0	52.1	46.6	0	46.6	43.4	0	43.4
2023-Nov-26	3	55.3	30.9	55.3	52.1	33.9	52	48.2	0	48.2	48.3	0	48.3
2023-Nov-27	16	53.9	47.1	53	51.3	38.5	51.1	48.8	42.7	47.7	46.2	40.6	44.9
2023-Nov-28	27	55.6	46.3	55	52.5	45.4	51.7	50.8	46.9	48.6	47.9	0	48
2023-Nov-29	3	53.7	40.7	53.5	52.2	30.8	52.2	48.2	0	48.2	45.5	35.3	45.1
2023-Nov-30	5	52.4	35.2	52	51.2	37.6	51	45.9	0	45.9	45	0	44.3

Monthly Trend - December 2023

Monitor W1: 920m west of RWY 09

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Dec-01	48	63.8	60.8	60.8	62.6	59.9	59.4	59.5	57.3	55.5	54.7	51.1	52.3
2023-Dec-02	34	63	59.5	60.3	60.9	56.1	58.9	62.8	59.5	60.1	50.4	48.3	46.3
2023-Dec-03	46	65	61.4	62.7	60.3	56.7	57.8	60.3	55.8	58.5	58	54.6	55.5
2023-Dec-04	38	65.8	63	62.6	60.9	56.7	58.8	58.8	56.9	54.3	59.2	56.5	55.9
2023-Dec-05	47	65.1	62.9	60.9	63.1	60.5	59.5	62.1	60	58	56	54.1	51.4
2023-Dec-06	34	63.2	59.2	61	63.4	60.8	60.2	61.5	56.5	59.8	48.6	0	48.6
2023-Dec-07	49	63.3	61.8	57.8	60.7	56.3	58.7	59.5	58.6	52.6	55.1	54.5	46.2
2023-Dec-08	50	62.8	60.4	59.2	62	59.1	58.9	60.1	59.1	53.1	52.3	48.7	49.9
2023-Dec-09	33	60.9	58	57.8	61.9	59.6	58.1	57.8	55.3	54.4	45.9	0	45.9
2023-Dec-10	31	61.6	58.2	59	61.8	59	58.6	56.6	54.4	52.6	51.3	45.7	50
2023-Dec-11	35	60.7	57.6	57.9	61.1	58.7	57.5	58	55.8	54	47.8	0	47.8
2023-Dec-12	33	61.6	57.2	59.7	61.2	57.5	58.9	59.1	56.2	56.2	50.1	38.3	49.9
2023-Dec-13	46	64.5	61.9	61.1	62.3	59	59.6	62.8	60.9	58.3	54.6	51.9	51.5
2023-Dec-14	49	64.2	62.2	60.1	60.9	58	58	60.8	58.6	56.9	56.2	54.6	51.3
2023-Dec-15	45	73	60.3	72.8	63.1	60	60.3	62.4	56.8	61	67.3	49.9	67.3
2023-Dec-16	39	63	59.9	60.1	62.2	58.5	59.8	63	61.5	57.8	48.9	0	48.9
2023-Dec-17	34	61.2	56.9	59.2	60	57.1	56.9	57.4	54	54.7	52.1	44.9	51.2
2023-Dec-18	37	62.9	56.9	62	60.8	58	57.6	58	55.2	54.7	54.8	0	55.4
2023-Dec-19	48	61.6	58.2	59	61	57.6	58.4	58	56.7	52.5	51.6	45.8	50.2
2023-Dec-20	58	64	61.8	60.1	59.9	56.6	57.2	59.7	58	54.7	56.7	54.5	52.6
2023-Dec-21	51	62.2	59.7	58.6	60.7	58.4	57	60.9	59.1	56.1	51.2	47.1	49
2023-Dec-22	43	63	58.8	61	61.4	56.5	59.8	61.3	58.2	58.4	52.6	47.5	51
2023-Dec-23	43	64	61.1	60.9	61.3	57.2	59.3	61.7	59	58.3	55	52.5	51.4
2023-Dec-24	25	58.6	54.6	56.4	59.5	57.6	55.3	50.5	36.9	50.4	48	0	48.1
2023-Dec-25	12	59.3	51.5	58.6	56.9	54.1	53.6	52.6	0	52.6	51.9	35.4	51.8
2023-Dec-26	29	61.6	57.5	59.5	61.4	58.9	57.7	57	51.4	55.7	51.7	43.8	50.9
2023-Dec-27	35	63.1	58.8	61.2	61.5	57.6	59.3	59.2	55.6	56.7	54.3	49.3	52.8
2023-Dec-28	42	64.5	62.2	60.8	61.5	58.2	58.7	59.6	54.7	58	57	55.4	51.7
2023-Dec-29	53	63.3	59.2	61.5	62.2	59.7	58.8	61	58.5	57.6	53	0	53.3
2023-Dec-30	48	63.9	61	60.9	62.8	59.8	59.8	62.9	61.7	56.8	51.6	0	51.7
2023-Dec-31	25	69.9	55.9	69.8	60.8	57.7	57.9	57.3	50.7	56.4	65.1	0	65.2



Monthly Trend - December 2023

Monitor W2: 18, Gr. Tzamlak Str., 106 School

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Dec-01	48	63.9	61.2	60.7	63.5	60.9	60.3	59.8	57.3	56.2	53.9	51	50.9
2023-Dec-02	29	62	56.9	60.3	60.9	54.7	59.6	61	56.4	59.2	49.5	45.6	47.3
2023-Dec-03	45	65.5	62.4	62.7	61.9	57.6	60	61.1	56.7	59.3	58	55.6	54.5
2023-Dec-04	40	64.9	61.6	62.2	61.6	57.2	59.8	59.3	56.2	56.6	57.6	54.6	54.5
2023-Dec-05	47	64.1	60.1	62	61.6	57.5	59.6	61.3	57.7	58.9	55.3	51	53.3
2023-Dec-06	35	62	56.6	60.7	61.9	58	59.8	59.8	54.4	58.5	49.7	0	49.7
2023-Dec-07	46	64.4	62.8	59.4	60.8	57.1	58.6	60.9	59.8	54.6	56.4	55.2	50.2
2023-Dec-08	51	64	61.3	60.7	63.4	59.9	61	61.4	60.2	55.4	53	49.8	50.3
2023-Dec-09	34	62.6	59	60.2	63.3	60.7	60	59.6	55.9	57.1	49.3	0	49.3
2023-Dec-10	31	63.2	59	61.1	63	59.6	60.4	58	55.3	54.8	53.5	46.9	52.4
2023-Dec-11	33	61.7	58.3	59.1	62.1	59.1	59.3	59.3	57	55.4	47.9	0	47.9
2023-Dec-12	33	62.4	57.6	60.7	62.1	57.8	60.2	60.3	57.1	57.6	50.2	26.5	50.3
2023-Dec-13	42	63.3	59.8	60.9	62	56.7	60.7	60.7	58.4	57	53.4	50.2	50.7
2023-Dec-14	53	65.4	63.2	61.4	62.1	59.3	59.1	62.1	59.9	58.4	57.3	55.4	52.6
2023-Dec-15	44	65.3	61.4	63.1	63.9	60.8	61	63.6	58.3	62.1	54.8	51.2	52.4
2023-Dec-16	44	64.7	59.5	63.1	62.8	58.2	61.1	62.5	60.2	58.7	54.9	0	54.9
2023-Dec-17	36	62.5	58.4	60.3	61.5	57.6	59.3	59	56	56	52.8	47.7	51.2
2023-Dec-18	35	63.6	58	62.3	62.3	58.8	59.8	59.7	56.9	56.5	54.3	0	54.6
2023-Dec-19	48	63.3	58.9	61.4	61.9	58.3	59.6	61	57.6	58.5	53.1	46.4	52
2023-Dec-20	58	65.4	62.9	61.9	62	57.6	60.1	60.7	58.7	56.6	57.8	55.7	53.8
2023-Dec-21	51	63.9	60.6	61.2	62.2	59	59.5	62.2	60.2	58	53.5	47.6	52.2
2023-Dec-22	41	64.1	59.3	62.5	62.2	57.1	60.8	61.9	58.3	59.5	54.5	48.5	53.3
2023-Dec-23	45	65.1	62	62.2	62.1	57.5	60.5	62.7	59.9	59.7	56.2	53.8	52.7
2023-Dec-24	26	60.1	54.7	58.7	60.6	57.7	57.6	52.6	38.7	52.5	50.1	0	50.3
2023-Dec-25	12	65.8	51.2	65.7	60.2	54.1	59.1	67.6	0	67.6	49.1	29.1	49.1
2023-Dec-26	29	62.8	58.8	60.6	63	59.5	60.6	57.6	51.6	56.3	52.5	48.6	50.2
2023-Dec-27	36	63.8	59.7	61.9	62.4	58	60.5	60.7	56.4	58.6	54.4	50.7	52.5
2023-Dec-28	40	65.3	63	61.5	62.8	58.9	60.7	60.6	55.7	59	57.5	56.3	51.1
2023-Dec-29	51	75.2	59.8	75.1	63.2	60	60.4	77.8	59.4	77.7	50.5	0	50.6
2023-Dec-30	51	64.3	61.4	61.2	63.2	60.1	60.2	63.7	62.2	58.4	51	25.9	51.1
2023-Dec-31	24	80.6	56.5	80.7	62.4	58.4	60.3	65.3	51.3	65.3	76.1	0	76.2



Monthly Trend - December 2023

Monitor W3: 51 Plakalnica Str. City Hall

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Dec-01	34	63.3	59	61.4	62.1	57.8	60.4	58.8	55	56.6	53.9	49.4	52
2023-Dec-02	29	60.9	55.7	59.3	59.5	52.5	58.4	59.3	55.8	56.8	50	43.9	48.8
2023-Dec-03	47	64.4	60.9	62.2	60.5	55.6	59	59.5	55	57.7	57.1	54	54.4
2023-Dec-04	39	63.7	59.1	62.1	60.4	55	59.1	58.9	54.7	57	56.4	51.8	54.6
2023-Dec-05	50	63.7	57.8	62.6	61	55.5	59.8	59.5	55.7	57.2	55.7	48.3	54.9
2023-Dec-06	36	62.4	54.8	61.9	61.7	55.9	61	59.8	53.2	58.9	51.6	0	51.7
2023-Dec-07	52	63.4	60.3	60.7	60.3	54.4	59.3	60.3	58.1	56.4	55.2	52.5	51.9
2023-Dec-08	53	63.8	59.5	61.9	62	57.8	60	60.5	58.4	56.4	54.9	48.2	53.9
2023-Dec-09	35	62.4	56.7	61.1	61.7	58.3	59.1	58.4	53.1	57.1	52.9	0	53
2023-Dec-10	33	61.7	56.7	60.2	61	56.5	59.2	57.5	53.9	55.2	52.2	45.3	51.3
2023-Dec-11	35	62.2	55.5	61.3	60.8	56.1	59.1	58.9	54.6	57.1	53	0	53
2023-Dec-12	31	62.3	54.4	61.7	60.9	54.6	59.9	59.3	54	57.9	52.9	0	53
2023-Dec-13	40	62.8	57.4	61.5	61	54	60.2	59.2	55.6	56.9	54	48.5	52.8
2023-Dec-14	48	64.7	60.9	62.6	60.8	55.9	59.3	61.7	57.8	59.7	56.7	53.3	54.3
2023-Dec-15	46	65	59.8	63.8	63.1	58.6	61.8	62.8	57.6	61.5	55.2	49.5	54.2
2023-Dec-16	48	63	58.5	61.3	61.3	56.8	59.7	61.3	59.5	56.9	52.7	0	52.7
2023-Dec-17	39	63.1	56.7	62	60.1	55.1	58.7	59	53.2	57.8	55.1	47.8	54.4
2023-Dec-18	38	63.2	56.4	62.4	61	55.9	59.6	59.8	55.3	58	54.7	42.9	54.5
2023-Dec-19	48	62.9	56.9	61.8	61.3	56.2	60	59.2	55.3	57.3	54	45.1	53.5
2023-Dec-20	62	63.7	60.2	61.4	61.1	56.2	59.7	59.3	56.3	56.4	55.8	52.7	53
2023-Dec-21	50	63.4	58.3	62	60.7	56.4	58.9	61	57.9	58.3	54.5	45.9	54
2023-Dec-22	43	63.7	57.6	62.6	61.5	55.2	60.6	60.2	56.1	58.3	55.1	47.7	54.2
2023-Dec-23	46	63.6	59.5	61.7	60.6	54.8	59.4	61	57.2	58.8	55.1	51.3	52.9
2023-Dec-24	25	58.8	52.4	57.8	59	55.3	56.7	53.3	31.8	53.3	48.8	23.9	48.8
2023-Dec-25	12	58.5	48.2	58.1	57	51.3	55.7	53.7	0	53.7	50	0	50
2023-Dec-26	28	61.4	56.4	59.9	59.8	55.9	57.7	58.2	49.5	57.5	52.3	47.7	50.5
2023-Dec-27	34	62.4	57.4	60.8	60.8	54.9	59.6	59.2	55.1	57.1	53.1	48.4	51.4
2023-Dec-28	36	63.7	59.8	61.5	61.1	55.9	59.7	59.5	53.9	58.3	55.6	52.8	52.4
2023-Dec-29	54	62.7	58.1	60.9	61.9	58.2	59.7	60.7	57.8	57.7	51.4	0	51.4
2023-Dec-30	50	62.5	59	60	61.1	56.6	59.2	62	60.4	57.1	49.6	0	49.6
2023-Dec-31	25	76.7	54.3	76.9	60.7	55.8	59.1	64.6	49.8	64.6	72.4	0	72.6



Monthly Trend - December 2023

Monitor W4: 1, Han Sevar Str., 74 DG

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Dec-01	43	61.4	56.3	59.9	60.6	55.4	59.2	57	52.9	55	52.1	46.7	50.7
2023-Dec-02	30	61.2	58.6	57.8	58.4	53.3	56.8	61.1	59.4	56.2	49.6	46.7	46.5
2023-Dec-03	45	63.4	58.5	61.8	59.9	53.4	59	59.1	52.9	58.1	55.8	51.8	53.8
2023-Dec-04	38	64.6	61.8	61.5	60.2	54.1	59.1	58	55.2	54.9	57.9	55.5	54.1
2023-Dec-05	52	78.1	77.9	61.3	62.8	59.3	60.4	61	58.7	57.3	72.7	72.6	52
2023-Dec-06	37	62.6	58.4	60.5	62.9	59.5	60.3	60.5	56.8	58.2	48.7	0	48.7
2023-Dec-07	46	62.3	57.9	60.4	59.7	51.9	59	59.1	55.9	56.5	53.8	50.1	51.5
2023-Dec-08	47	61.7	57.3	59.7	60.6	55.4	59.1	58	56.2	53.6	52.2	46.3	50.9
2023-Dec-09	35	61.2	53.7	60.4	59.2	55.7	56.8	55.7	49.7	54.5	53.3	0	53.3
2023-Dec-10	31	59.6	54.4	58.1	58.4	53.9	56.6	55.2	51.7	52.6	50.8	43.6	49.9
2023-Dec-11	30	60.2	53.1	59.4	60.2	53.7	59.4	56.6	52.1	54.8	49.2	0	49.2
2023-Dec-12	28	60.7	52.2	60.2	60.2	52.3	59.6	57.4	52	56	50.5	0	50.5
2023-Dec-13	40	62.9	59.7	60.3	61.5	56.5	60.1	60.6	58.7	56.4	52.8	49.8	50
2023-Dec-14	45	63.3	58.7	61.7	59.9	53.6	58.9	60.6	55.6	59.3	55	51.1	53
2023-Dec-15	42	63.7	57.4	62.7	61.9	55.8	60.9	61.3	55.1	60.3	54	47.6	53
2023-Dec-16	48	62.7	59	60.4	61.5	57.6	59.3	61.3	59.9	55.7	51.4	0	51.4
2023-Dec-17	34	60.7	54.6	59.5	57.8	52.7	56.3	56.5	50.6	55.3	52.8	46.1	51.8
2023-Dec-18	35	61.6	54.3	60.8	60.1	53.6	59.2	57.8	53.3	56	52.7	41.1	52.4
2023-Dec-19	45	62	54.9	61.2	60.5	54.4	59.6	57.1	52.8	55.2	53.6	43.2	53.1
2023-Dec-20	53	62.6	57.6	61.1	59.5	53.7	58.3	57.2	53.4	55	55.2	50	53.7
2023-Dec-21	46	61.1	55.8	59.7	58.8	54	57.2	58.7	55.3	56.1	52	43.4	51.4
2023-Dec-22	39	61.7	55.4	60.6	59.8	53	59	58.8	54.3	57	52.5	44.9	51.7
2023-Dec-23	41	62.9	57.2	61.7	59	52.7	58	62	55.4	61.1	53.3	48.7	51.5
2023-Dec-24	20	58.3	50.3	57.6	56.9	53.3	54.5	53.3	0	53.3	49.9	0	49.9
2023-Dec-25	9	58.7	44.7	58.5	54.7	47.7	53.8	54.8	0	54.8	51.1	0	51.1
2023-Dec-26	27	60.4	54.2	59.2	57.4	53.3	55.3	56.4	47.1	55.8	52.5	46	51.4
2023-Dec-27	34	60.9	55.2	59.5	58.7	52.5	57.5	57.8	52.8	56.2	52.1	46.3	50.8
2023-Dec-28	35	62	57.7	60	58.5	53.2	57	58.2	51	57.3	54.2	51	51.5
2023-Dec-29	53	62.1	56.5	60.8	60.4	56.6	58.1	60.7	56.1	59	51.5	0	51.5
2023-Dec-30	48	62	56.7	60.7	61.6	54.5	60.8	60.4	57.9	57	49.5	0	49.5
2023-Dec-31	23	81.3	52.4	81.7	60	53.9	58.9	68	48.3	68	76.8	0	77.2

Monthly Trend - December 2023

Monitor

W5: 2, Prof. N. Raynov Str., Art School

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Dec-01	11	58.3	37.6	58.4	58	37.6	58.2	54.1	37.3	54	48.4	0	48.4
2023-Dec-02	19	58.8	53.5	57.3	57.2	47.1	56.8	57.9	54.5	55.2	47.1	42	45.4
2023-Dec-03	7	57.1	39.4	57.1	56.9	35.8	57	53.6	0	53.6	46.6	33.1	46.4
2023-Dec-04	26	60.8	56.2	59.1	58.2	45.2	58.2	54.8	50.5	52.8	53.4	50.1	50.6
2023-Dec-05	63	61.2	57.2	59.2	59.9	55.2	58.3	57.4	54	54.9	52.2	48.4	49.9
2023-Dec-06	44	60.9	54.2	60.1	60.7	55.2	59.7	57.5	52.5	56.1	50.1	0	50.1
2023-Dec-07	10	59.1	42	59.2	58.7	35.5	59.1	56.7	41.5	56.7	47.6	33	47.5
2023-Dec-08	14	58.8	41.4	58.9	58.4	39.3	58.7	54.2	39.9	54.1	49.2	31.2	49.1
2023-Dec-09	11	57.9	38.5	57.9	56.5	39.6	56.6	54.2	36.8	54.2	48.7	0	48.6
2023-Dec-10	7	56.2	34.4	56.2	55.8	35.8	55.9	53	32.1	52.9	45.4	0	45.4
2023-Dec-11	8	57.4	36.2	57.5	57.5	38.5	57.7	54.5	30.7	54.5	45.5	0	45.5
2023-Dec-12	4	57.7	37.4	57.8	57.9	34.7	58.1	54.1	38.9	54	46.2	0	46.2
2023-Dec-13	43	59.5	54.8	57.8	58.9	51.8	58.1	57.2	54.3	54.2	48.3	43.9	46.4
2023-Dec-14	10	60.5	42.7	60.6	57.4	33.4	57.6	57.5	38.2	57.9	52.1	36.3	52.1
2023-Dec-15	14	61.1	43.9	61.4	60.8	42.9	61.4	56.7	40.6	56.8	51.1	34.3	51
2023-Dec-16	33	59.5	52.3	58.8	59.8	51.1	59.6	56.6	52.9	54.2	47.2	0	47.2
2023-Dec-17	5	56.9	38.5	56.9	55.1	33.9	55.1	53.2	0	53.2	48.2	32.5	48
2023-Dec-18	8	58.7	36.5	58.9	59.3	39.1	59.6	54.3	28.7	54.4	47.2	0	47.1
2023-Dec-19	11	58.5	37.4	58.7	58.4	38.2	58.6	55.6	0	55.7	47.3	28.2	47.2
2023-Dec-20	10	58.6	38.1	58.7	58.5	38.8	58.8	54.6	0	54.7	48	29.1	48
2023-Dec-21	4	58.5	34.2	58.6	58.2	32.5	58.5	55.5	35.1	55.5	47.5	0	47.5
2023-Dec-22	13	58.3	38	58.5	58.1	40.5	58.4	54.7	31.8	54.7	47.8	0	47.8
2023-Dec-23	9	57.2	40.3	57.2	56.7	37.7	56.9	53.6	38.6	53.5	47	30.7	46.9
2023-Dec-24	8	59.8	38.3	59.8	53.9	41.3	53.7	61.4	0	61.4	44.8	0	44.8
2023-Dec-25	0	59.5	0	59.5	61.7	0	61.8	50	0	50	44.2	0	44.2
2023-Dec-26	7	55.5	42.3	55.3	53.8	34.2	53.7	51.5	44	50.6	46.9	28.9	46.8
2023-Dec-27	3	58.6	37.2	58.5	53.3	31	53.3	59.7	32.2	59.7	45.7	30.6	45.6
2023-Dec-28	9	56.4	39	56.4	55.2	36.8	55.2	54.3	34	54.3	46.1	31.1	45.9
2023-Dec-29	12	56	40.1	55.9	55.6	41.4	55.5	52.2	37.9	52.1	45.8	0	45.8
2023-Dec-30	11	55.3	40.8	55.2	53.8	40.5	53.6	52.7	40.9	52.4	45.7	0	45.6
2023-Dec-31	9	70.7	36.6	70.7	55.6	38.5	55.6	60.5	30.7	60.5	66.1	0	66.1

Monthly Trend - December 2023

Monitor W6: 48, Bregalnitza Str., 1 DG

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Dec-01	1	58.5	41.5	58.6	60.9	0	61.1	46.3	0	46.3	43.1	36.3	42
2023-Dec-02	17	54.7	51.8	51.6	51.3	46.7	49.6	54.3	52.6	49.3	44.1	39.7	42.1
2023-Dec-03	0	50.9	0	50.9	49.1	0	49.1	45.1	0	45.1	42.9	0	42.9
2023-Dec-04	19	56.2	53.8	52.5	51.3	42.3	50.7	49.5	47.5	45.2	49.6	47.8	44.8
2023-Dec-05	63	57.1	55.2	52.5	55.7	53.2	52.2	53.7	51.9	49.1	47.8	46.5	41.8
2023-Dec-06	43	55.4	52.2	52.7	56	52.7	53.2	53.2	51.3	48.7	40.9	0	40.9
2023-Dec-07	0	51.8	0	51.8	51.1	0	51.1	47.6	0	47.6	42.2	0	42.2
2023-Dec-08	0	51.8	0	51.8	50.8	0	50.8	47.5	0	47.5	42.7	0	42.7
2023-Dec-09	2	49.8	38.3	49.5	47.9	31.2	47.8	46.3	40.7	44.9	40.9	0	40.9
2023-Dec-10	1	49.9	28.2	49.9	46.6	31.2	46.5	44.6	0	44.6	42.5	0	42.5
2023-Dec-11	0	52.8	0	52.9	53.9	0	54	45.4	0	45.4	41.9	0	41.9
2023-Dec-12	1	51.3	36	51.1	51	0	51	46.6	38.8	45.8	41.5	0	41.5
2023-Dec-13	37	57.3	52.7	55.5	57.7	49.6	57.1	54	52.7	48.1	45.1	41.1	42.9
2023-Dec-14	0	58.7	0	58.7	60.2	0	60.3	50.5	0	50.5	46.6	0	46.6
2023-Dec-15	0	54.3	0	54.3	53.3	0	53.3	50.2	0	50.2	45.2	0	45.2
2023-Dec-16	25	54.1	49.8	52	53.3	49.9	50.6	51.5	49.5	47.1	43.5	0	43.5
2023-Dec-17	1	50.5	30.9	50.5	47.7	33.9	47.5	45.1	0	45.1	43	0	43
2023-Dec-18	0	52	0	52	52.1	0	52.1	47	0	47	41.9	0	41.9
2023-Dec-19	0	51.2	0	51.2	50.8	0	50.8	47	0	47	41.5	0	41.5
2023-Dec-20	0	52.5	0	52.5	51.6	0	51.6	45.2	0	45.2	44.2	0	44.2
2023-Dec-21	0	51.8	0	51.8	51	0	51	46.1	0	46.1	43.1	0	43.1
2023-Dec-22	0	51.5	0	51.5	50.6	0	50.6	46.9	0	46.9	42.5	0	42.5
2023-Dec-23	0	50.5	0	50.5	48.9	0	48.9	46.1	0	46.1	41.9	0	41.9
2023-Dec-24	1	47.6	33.9	47.4	47	36.9	46.5	42.4	0	42.4	38.5	0	38.5
2023-Dec-25	0	49.5	0	49.5	48.1	0	48.1	45.4	0	45.4	40.5	0	40.5
2023-Dec-26	1	49.4	39.2	49	46.4	0	46.4	46.9	42	45.1	40.8	0	40.8
2023-Dec-27	0	49.5	0	49.5	46.3	0	46.3	45.2	0	45.2	41.7	0	41.7
2023-Dec-28	0	50	0	50	47.6	0	47.6	48	0	48	40.6	0	40.6
2023-Dec-29	1	50	34.3	49.8	48.3	37.3	47.9	47.3	0	47.3	40.4	0	40.4
2023-Dec-30	2	49.6	38.3	49.3	48.3	41.3	47.4	46.8	0	46.8	39.8	0	39.8
2023-Dec-31	0	74.8	0	74.9	48.9	0	48.9	64.4	0	64.4	70.3	0	70.4

Monthly Trend - December 2023

Monitor E1: 960m east of RWY 27

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Dec-01	59	73.2	66.8	72.2	71.6	62.9	71.1	68.2	62.5	66.8	64.9	59.4	63.5
2023-Dec-02	52	71.5	65.9	70.1	69.7	61.7	68.8	65.3	58.4	64.4	63.6	59.3	61.7
2023-Dec-03	38	72.5	66.9	71.1	68.7	62.2	67.6	67.8	62.8	66.2	65.1	59.6	63.7
2023-Dec-04	33	72.1	61.4	71.7	70.8	60.4	70.4	66.7	58.3	66.1	63.6	51.7	63.4
2023-Dec-05	53	72	60.8	71.8	70.8	59.2	70.7	66.1	55.2	65.7	63.6	52.6	63.3
2023-Dec-06	58	73.4	66.3	72.7	71.3	58.2	71.5	67.3	57.6	66.9	65.7	60.4	64.3
2023-Dec-07	46	72.9	66.5	71.9	70.9	63.7	70.2	67.6	57.3	67.2	64.9	59.6	63.5
2023-Dec-08	70	73	67.1	71.7	71.3	63.4	70.6	68.3	62.5	67.1	64.5	59.8	62.8
2023-Dec-09	49	72	66.7	70.5	69.7	61.1	69.1	67.7	63.1	66	63.8	59.4	61.9
2023-Dec-10	67	73.4	69.3	71.4	69.1	62.1	68.2	68.3	63.6	66.6	66.4	62.9	63.8
2023-Dec-11	56	72.8	66.1	71.9	71.1	62.5	70.6	67.2	61.2	66	64.8	58.8	63.6
2023-Dec-12	58	73.1	67	71.9	71.2	63	70.6	67.7	60.6	66.8	65.1	60.1	63.5
2023-Dec-13	64	72.9	66	72	71	61.6	70.6	66.7	54.6	66.5	65	59.6	63.6
2023-Dec-14	43	73.2	66.6	72.2	70.9	63.6	70.2	68	61.2	67	65.4	59.1	64.3
2023-Dec-15	68	74.6	69.6	73.2	72.1	63.7	71.8	69.6	62.6	68.7	66.9	63.2	64.6
2023-Dec-16	73	72.5	66.9	71.1	69.8	62.9	68.9	67.3	60.2	66.4	64.8	60	63.1
2023-Dec-17	72	73.3	67.8	72	69.3	63.2	68.2	68.3	62.7	67	66.1	60.8	64.7
2023-Dec-18	52	73.6	66.4	72.8	71.6	61.9	71.2	68.4	61.3	67.5	65.6	59.4	64.5
2023-Dec-19	55	73.1	66.5	72.1	71.6	63.1	71	68.2	60.7	67.4	64.6	59.3	63.2
2023-Dec-20	66	73.6	67.4	72.5	71.6	64.5	70.8	68.1	63	66.5	65.7	59.5	64.4
2023-Dec-21	57	73.6	67.5	72.5	71	64	70.1	68.6	60.8	67.8	65.9	60.4	64.5
2023-Dec-22	76	74.3	68.2	73.2	72.1	64.5	71.5	69	64.7	67.1	66.4	60.4	65.3
2023-Dec-23	57	73.3	68.1	71.8	70.2	64.8	68.8	69.1	64.2	67.5	65.5	60.2	64.1
2023-Dec-24	49	71.2	65.7	69.9	68.7	62.2	67.6	65.7	59.5	64.5	63.6	58.7	62.1
2023-Dec-25	40	71.4	66.5	69.7	67.2	59.9	66.4	65.5	54.7	65.2	64.4	60.6	62.1
2023-Dec-26	63	72.1	66.9	70.6	68.8	62.2	67.8	67.4	62.9	65.5	64.6	59.6	62.9
2023-Dec-27	71	73.1	68	71.5	69.7	64	68.5	68.6	63.6	67.1	65.5	60.7	63.7
2023-Dec-28	68	72.8	66.8	71.6	70.8	64.1	69.7	67.7	61.5	66.5	64.8	59.2	63.4
2023-Dec-29	63	73.4	68.1	72	70.2	62.5	69.5	69.7	64.3	68.3	65.5	61	63.7
2023-Dec-30	74	72.4	68.4	70.3	69.6	64	68.3	69.4	65.1	67.5	64	60.7	61.3
2023-Dec-31	41	70.2	66.3	67.9	67.3	60.7	66.3	63.8	56.7	62.9	63.5	60.9	60.1

Monthly Trend - December 2023

Monitor E2: Krivina, 155 School

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Dec-01	11	55.7	45.9	55.2	52.5	38.5	52.4	49.6	35.7	49.5	48.4	40	47.7
2023-Dec-02	27	56	50.8	54.5	52.4	43.9	51.8	53.9	50.8	51.1	47.1	41	46
2023-Dec-03	1	54.9	29.7	54.9	51.9	32.7	51.9	49.3	0	49.3	47.6	0	47.6
2023-Dec-04	18	55	50.7	53.2	50.6	38.5	50.3	49.8	45.9	47.9	48	44.5	45.6
2023-Dec-05	43	56.2	50.6	54.9	53.1	48	51.5	52.5	46.6	51.3	48.2	42.5	47
2023-Dec-06	43	56.5	52.2	54.6	51.6	46	50.3	51.1	47.2	48.9	49.7	45.5	47.6
2023-Dec-07	6	54.8	36.4	54.8	53.1	39.4	53	48.9	0	48.9	46.9	0	46.9
2023-Dec-08	14	58.8	49.3	58.3	52.3	38.3	52.2	59.1	37.7	59.1	48.7	43.8	47.1
2023-Dec-09	17	55.6	49.9	54.4	51.4	40.1	51.1	51.7	43	51.2	48.2	43.9	46.2
2023-Dec-10	18	56.6	51.2	55.2	49.1	39.8	48.7	50.4	42.1	49.8	50.3	45.5	48.6
2023-Dec-11	17	56.4	50	55.4	51.7	41.7	51.3	50.7	46.2	48.8	49.6	43.2	48.5
2023-Dec-12	15	56.2	50.4	54.9	52.7	43.9	52.1	50.1	0	50.1	49.1	44.6	47.2
2023-Dec-13	39	56.8	50.9	55.6	53	47	51.9	51.1	44.9	49.9	49.9	44	48.6
2023-Dec-14	8	58.2	38	58.2	58.3	41	58.4	51.5	0	51.5	48.7	0	48.7
2023-Dec-15	9	55.9	50.9	54.4	53.5	38.1	53.5	48.7	0	48.8	48.6	45.6	45.7
2023-Dec-16	37	55.5	51.5	53.4	52.7	47.6	51.2	49.2	43.3	48	48.2	44.8	45.6
2023-Dec-17	18	55.4	49.7	54.2	51.2	41.2	50.8	48.3	38.9	47.9	48.7	44	47.1
2023-Dec-18	17	56.3	49.3	55.4	51.9	40.2	51.6	52.5	0	52.5	48.9	43.8	47.3
2023-Dec-19	13	54.7	48	53.7	51.2	41.2	50.8	50.9	46.2	49.1	47	40.3	46
2023-Dec-20	12	55	41.1	54.9	51.2	44.1	50.3	47.1	0	47.1	48.3	0	48.3
2023-Dec-21	8	55.6	45.9	55.2	52.2	29.2	52.3	50.4	33	50.3	48.2	40.5	47.5
2023-Dec-22	23	57.5	50.3	56.7	55	43.8	54.8	50.1	35.6	49.9	50.3	44.5	49
2023-Dec-23	9	57.9	40.5	57.8	58.6	39.6	58.5	51.7	41	51.4	47.4	0	47.4
2023-Dec-24	11	59.1	48	58.7	50.5	37.5	50.3	60	43.9	59.9	48.3	41.6	47.3
2023-Dec-25	14	59.3	49.2	58.8	48	37.3	47.6	60.3	39.4	60.2	48.8	43.6	47.3
2023-Dec-26	25	56.5	50.3	55.4	53.1	45.1	52.5	48.9	42.9	47.7	49.5	43.8	48.3
2023-Dec-27	19	56.2	49.8	55.2	52.3	41.4	52	49.7	38.8	49.3	49.4	44.1	47.9
2023-Dec-28	20	56.4	48.6	55.7	53.7	46.3	52.9	49.5	43	48.5	49.2	40.8	48.6
2023-Dec-29	17	58	50.4	57.3	57.4	45.2	57.3	51.8	41.5	51.5	49.2	44.1	47.7
2023-Dec-30	19	57.8	49.1	57.2	57.8	45.4	57.6	49.6	0	49.7	48.8	42.8	47.6
2023-Dec-31	7	75.7	36.6	75.7	50.6	39.3	50.3	51.6	0	51.7	71.4	0	71.4



EVENTS Lmax - October 2023

Monitor W2

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Oct-01	12:20:42	33	85.4	A321	Commercial Jet	D	27
2023-Oct-01	12:43:23	28	85.2	E195	Commercial Jet	D	27
2023-Oct-01	13:04:46	51	89.6	73H	Commercial Jet	D	27
2023-Oct-01	13:40:03	40	89.3	A321	Commercial Jet	D	27
2023-Oct-01	14:34:07	32	88	A320	Commercial Jet	D	27
2023-Oct-01	17:35:06	52	90.5	MD82	Commercial Jet	D	27
2023-Oct-01	21:20:10	44	90	B744	Commercial Jet	D	27
2023-Oct-02	08:11:30	41	85.1	B738	Commercial Jet	D	27
2023-Oct-02	08:29:05	49	91.7	MD82	Commercial Jet	D	27
2023-Oct-02	11:57:56	63	86.1	B738	Commercial Jet	D	27
2023-Oct-02	12:35:38	26	91.2	B772	Commercial Jet	D	27
2023-Oct-02	15:00:55	35	85.7	A321	Commercial Jet	D	27
2023-Oct-02	16:27:36	27	86.8	B738	Commercial Jet	D	27
2023-Oct-02	18:59:47	57	87.4	A321	Commercial Jet	D	27
2023-Oct-02	19:25:49	32	87	A321	Commercial Jet	D	27
2023-Oct-02	19:49:14	34	85.7	B738	Commercial Jet	D	27
2023-Oct-03	07:22:35	30	87.3	E190	Regional Jet	D	27
2023-Oct-03	08:24:51	39	87.8	A21N	Commercial Jet	D	27
2023-Oct-03	09:30:48	27	86.9	B738	Commercial Jet	D	27
2023-Oct-03	10:23:58	42	85.3	B738	Commercial Jet	D	27
2023-Oct-03	11:17:55	38	85.1	B738	Commercial Jet	D	27
2023-Oct-03	12:13:19	34	85.1	A321	Commercial Jet	D	27
2023-Oct-03	12:23:38	37	86.9	A321	Commercial Jet	D	27
2023-Oct-03	18:32:28	29	85.1	A321	Commercial Jet	D	27
2023-Oct-03	19:53:09	68	87.2	A321	Commercial Jet	D	27
2023-Oct-03	21:59:43	28	86.1	B738	Commercial Jet	D	27
2023-Oct-04	11:50:18	29	90.3	B738	Commercial Jet	D	27
2023-Oct-04	13:52:03	27	86.8	A320	Commercial Jet	D	27
2023-Oct-04	14:01:16	35	85.3	A320	Commercial Jet	D	27
2023-Oct-04	15:28:07	28	86.3	A320	Commercial Jet	D	27
2023-Oct-04	23:09:02	40	86.2	B738	Commercial Jet	D	27
2023-Oct-05	08:17:45	31	88.6	B738	Commercial Jet	D	27
2023-Oct-05	09:52:51	34	89.3	B738	Commercial Jet	D	27
2023-Oct-05	12:06:25	38	86.6	A321	Commercial Jet	D	27
2023-Oct-05	12:09:48	35	85.7	A321	Commercial Jet	D	27
2023-Oct-05	14:34:07	25	85.5	A320	Commercial Jet	D	27
2023-Oct-05	14:53:25	28	85.4	A320	Commercial Jet	D	27
2023-Oct-05	15:54:49	31	89.4	B763	Commercial Jet	D	27
2023-Oct-05	16:02:16	28	86.8	E190	Regional Jet	D	27
2023-Oct-05	17:06:11	34	92.8	B744	Commercial Jet	D	27
2023-Oct-05	18:02:27	23	85.2	B38M	Commercial Jet	D	27
2023-Oct-05	18:07:08	20	86.6	P180	Turboprop	D	27
2023-Oct-05	18:44:17	34	86.2	A320	Commercial Jet	D	27
2023-Oct-05	18:49:48	37	85.6	B738	Commercial Jet	D	27
2023-Oct-05	18:52:47	32	85.8	E75S	Regional Jet	D	27

Месечни доклади за шум

Приложение 4

2023-Oct-06	00:13:14	31	85.3	B738	Commercial Jet	D	27
2023-Oct-06	08:23:25	66	90.4	MD82	Commercial Jet	D	27
2023-Oct-06	11:29:20	35	89.8	B738	Commercial Jet	D	27
2023-Oct-06	18:14:16	28	85.9	E190	Regional Jet	D	27
2023-Oct-06	19:55:37	39	85.3	B738	Commercial Jet	D	27
2023-Oct-06	22:07:31	27	89.7	B772	Commercial Jet	D	27
2023-Oct-06	23:38:18	35	85.2	B738	Commercial Jet	D	27
2023-Oct-07	11:52:06	31	92.3	B744	Commercial Jet	D	27
2023-Oct-07	16:07:11	47	85.2	B738	Commercial Jet	D	27
2023-Oct-07	16:21:21	55	85.7	A320	Commercial Jet	D	27
2023-Oct-07	18:30:16	40	87.8	B763	Commercial Jet	D	27
2023-Oct-08	07:22:57	60	89.5	MD82	Commercial Jet	D	27
2023-Oct-08	11:03:00	25	86.9	P180	Turboprop	D	27
2023-Oct-08	14:23:27	31	87.2	B772	Commercial Jet	D	27
2023-Oct-08	16:04:06	92	89.2	MD82	Commercial Jet	D	27
2023-Oct-08	16:57:29	36	89.9	B772	Commercial Jet	D	27
2023-Oct-09	08:57:25	31	88.6	B772	Commercial Jet	D	27
2023-Oct-09	09:39:09	37	85.5	B738	Commercial Jet	D	27
2023-Oct-09	16:37:29	28	87.6	B738	Commercial Jet	D	27
2023-Oct-09	21:31:50	33	85.2	B738	Commercial Jet	D	27
2023-Oct-10	15:51:31	32	85.5	A320	Commercial Jet	D	27
2023-Oct-10	18:06:08	62	88	B738	Commercial Jet	D	27
2023-Oct-11	11:26:41	22	88.9	FA20	Business Jet	A	9
2023-Oct-11	15:48:17	18	85.1	FA20	Business Jet	A	9
2023-Oct-11	22:39:21	66	88.6	P180	Turboprop	A	9
2023-Oct-12	01:43:01	32	87.9	B763	Commercial Jet	A	9
2023-Oct-12	11:52:15	33	85.1	A321	Commercial Jet	D	27
2023-Oct-12	12:38:21	34	89.3	E195	Commercial Jet	D	27
2023-Oct-12	14:37:11	53	93.3	B772	Commercial Jet	D	27
2023-Oct-12	14:40:11	19	86.1	B38M	Commercial Jet	D	27
2023-Oct-12	18:09:03	34	90.4	B738	Commercial Jet	D	27
2023-Oct-12	20:48:32	30	85.1	B738	Commercial Jet	D	27
2023-Oct-13	10:19:04	30	85.2	A320	Commercial Jet	D	27
2023-Oct-13	15:17:54	34	90.1	B738	Commercial Jet	D	27
2023-Oct-13	18:16:19	26	87.3	E190	Regional Jet	D	27
2023-Oct-13	21:32:39	48	86.4	B738	Commercial Jet	D	27
2023-Oct-13	22:39:32	29	85.4	B738	Commercial Jet	D	27
2023-Oct-14	11:33:20	30	89.7	B738	Commercial Jet	D	27
2023-Oct-14	13:45:39	14	85.2	B733	Commercial Jet	A	9
2023-Oct-14	15:05:37	28	85.4	A320	Commercial Jet	D	27
2023-Oct-15	09:44:38	48	85.8	B38M	Commercial Jet	D	27
2023-Oct-15	12:56:09	29	85.1	E195	Commercial Jet	D	27
2023-Oct-15	14:44:01	37	90.6	B738	Commercial Jet	D	27
2023-Oct-15	17:08:22	34	85.3	B738	Commercial Jet	D	27
2023-Oct-15	18:59:08	31	86	A321	Commercial Jet	D	27
2023-Oct-16	02:54:18	61	87.1	B772	Commercial Jet	D	27
2023-Oct-16	11:19:33	56	86.5	B738	Commercial Jet	D	27
2023-Oct-16	15:07:51	41	88.1	B762	Commercial Jet	D	27
2023-Oct-16	15:10:05	33	86.8	A321	Commercial Jet	D	27
2023-Oct-16	15:31:49	32	85.4	A321	Commercial Jet	D	27
2023-Oct-16	16:33:55	32	88.3	B738	Commercial Jet	D	27

Месечни доклади за шум

Приложение 4

2023-Oct-16	21:17:39	26	85.2	B738	Commercial Jet	D	27
2023-Oct-17	21:09:40	27	85.2	B738	Commercial Jet	A	9
2023-Oct-18	11:47:08	32	85.1	AT73	Turboprop	A	9
2023-Oct-18	21:46:26	41	87.1	B738	Commercial Jet	D	27
2023-Oct-19	10:01:10	40	85.9	E195	Commercial Jet	D	27
2023-Oct-19	10:03:06	37	86.2	A321	Commercial Jet	D	27
2023-Oct-19	10:05:05	27	85.6	B738	Commercial Jet	D	27
2023-Oct-19	10:34:50	28	85.6	E190	Regional Jet	D	27
2023-Oct-19	10:47:20	31	85.5	E190	Regional Jet	D	27
2023-Oct-19	10:56:01	30	92.7	AN26	Turboprop	D	27
2023-Oct-19	14:25:54	22	86.3	B38M	Commercial Jet	D	27
2023-Oct-19	16:28:25	30	86.2	A321	Commercial Jet	D	27
2023-Oct-19	22:08:07	91	87.6	P180	Turboprop	A	9
2023-Oct-20	09:50:36	39	85.9	B738	Commercial Jet	D	27
2023-Oct-20	11:49:23	41	86.5	B738	Commercial Jet	D	27
2023-Oct-20	13:43:42	28	86.7	B738	Commercial Jet	D	27
2023-Oct-20	14:26:42	21	85.3	B38M	Commercial Jet	D	27
2023-Oct-20	14:31:24	36	93.3	B763	Commercial Jet	D	27
2023-Oct-20	15:37:46	28	91.3	B738	Commercial Jet	D	27
2023-Oct-20	16:27:17	33	86.4	E190	Regional Jet	D	27
2023-Oct-20	18:34:52	26	85.4	E190	Regional Jet	D	27
2023-Oct-21	06:40:56	42	87.4	A321	Commercial Jet	D	27
2023-Oct-21	06:50:41	32	85.6	B738	Commercial Jet	D	27
2023-Oct-21	09:20:42	66	90.8	B738	Commercial Jet	D	27
2023-Oct-21	11:25:14	30	90	B738	Commercial Jet	D	27
2023-Oct-21	12:17:50	23	85.2	B38M	Commercial Jet	D	27
2023-Oct-21	12:35:12	31	87.1	E190	Regional Jet	D	27
2023-Oct-21	14:44:15	31	86.4	A320	Commercial Jet	D	27
2023-Oct-21	16:06:32	26	87.9	B738	Commercial Jet	D	27
2023-Oct-21	17:46:49	51	89.3	B738	Commercial Jet	D	27
2023-Oct-21	19:35:12	32	85.4	A321	Commercial Jet	D	27
2023-Oct-21	20:28:09	28	85.5	A321	Commercial Jet	D	27
2023-Oct-21	21:38:56	42	88.8	B738	Commercial Jet	D	27
2023-Oct-22	09:26:13	21	85.8	B38M	Commercial Jet	D	27
2023-Oct-22	10:29:04	38	86.5	B738	Commercial Jet	D	27
2023-Oct-22	13:36:52	24	86.5	E190	Regional Jet	D	27
2023-Oct-22	16:24:23	87	87.6	B738	Commercial Jet	D	27
2023-Oct-22	16:26:47	41	85.5	B38M	Commercial Jet	D	27
2023-Oct-22	19:09:23	31	85.3	A321	Commercial Jet	D	27
2023-Oct-22	21:50:37	43	85.3	B738	Commercial Jet	D	27
2023-Oct-23	09:10:39	35	90	B738	Commercial Jet	D	27
2023-Oct-23	13:22:41	35	85.9	A321	Commercial Jet	D	27
2023-Oct-23	14:52:38	31	88.9	B738	Commercial Jet	D	27
2023-Oct-23	15:07:00	29	86.9	A321	Commercial Jet	D	27
2023-Oct-24	16:20:43	18	85.5	B38M	Commercial Jet	D	27
2023-Oct-24	17:28:54	23	85.7	B38M	Commercial Jet	D	27
2023-Oct-24	18:20:27	38	91.7	B738	Commercial Jet	D	27
2023-Oct-24	18:36:57	35	85.4	A321	Commercial Jet	D	27
2023-Oct-24	23:29:02	52	93.8	B772	Commercial Jet	D	27
2023-Oct-25	01:45:43	36	85.7	B738	Commercial Jet	D	27
2023-Oct-25	11:00:34	34	87.3	B738	Commercial Jet	D	27



2023-Oct-25	11:51:36	33	85.2	C650	Business Jet	D	27
2023-Oct-25	12:22:35	26	88.5	A319	Commercial Jet	D	27
2023-Oct-25	13:02:54	63	85.4	E195	Commercial Jet	D	27
2023-Oct-25	16:50:36	29	87	B772	Commercial Jet	D	27
2023-Oct-26	09:40:38	45	91.2	B738	Commercial Jet	D	27
2023-Oct-26	09:47:52	67	85.6	B738	Commercial Jet	D	27
2023-Oct-26	12:05:04	28	87.3	A320	Commercial Jet	D	27
2023-Oct-26	15:12:14	30	87.7	A321	Commercial Jet	D	27
2023-Oct-26	17:19:22	22	86.5	B38M	Commercial Jet	D	27
2023-Oct-26	18:07:26	30	86.4	B738	Commercial Jet	D	27
2023-Oct-26	23:30:32	40	87.6	B738	Commercial Jet	D	27
2023-Oct-27	11:06:50	27	88.3	E190	Regional Jet	D	27
2023-Oct-27	11:11:15	27	90.9	B738	Commercial Jet	D	27
2023-Oct-27	11:45:27	25	86.7	B38M	Commercial Jet	D	27
2023-Oct-27	13:08:06	27	86.5	E195	Commercial Jet	D	27
2023-Oct-27	13:23:29	28	87.3	A321	Commercial Jet	D	27
2023-Oct-27	14:52:46	24	86.3	E195	Commercial Jet	D	27
2023-Oct-27	15:18:56	34	91.9	B738	Commercial Jet	D	27
2023-Oct-27	15:30:57	29	88	A320	Commercial Jet	D	27
2023-Oct-27	15:57:06	26	87.6	E190	Regional Jet	D	27
2023-Oct-27	16:35:52	33	90.8	B738	Commercial Jet	D	27
2023-Oct-27	16:42:22	38	85.2	A320	Commercial Jet	D	27
2023-Oct-27	20:30:44	35	89.4	B763	Commercial Jet	D	27
2023-Oct-27	20:47:16	60	85.9	B738	Commercial Jet	D	27
2023-Oct-28	09:27:12	26	85.8	B38M	Commercial Jet	D	27
2023-Oct-28	11:56:41	24	85.5	B38M	Commercial Jet	D	27
2023-Oct-29	09:54:07	29	93.4	B744	Commercial Jet	D	27
2023-Oct-29	15:53:43	26	85.1	E195	Commercial Jet	D	27
2023-Oct-29	17:10:38	27	91.6	B738	Commercial Jet	D	27
2023-Oct-30	08:36:58	30	87.6	B738	Commercial Jet	D	27
2023-Oct-30	09:08:13	30	87.8	P180	Turboprop	D	27
2023-Oct-30	09:44:34	41	85.5	B738	Commercial Jet	D	27
2023-Oct-30	09:53:12	28	90.4	B738	Commercial Jet	D	27
2023-Oct-30	10:02:45	32	86.2	B738	Commercial Jet	D	27
2023-Oct-30	12:47:52	32	86.2	B38M	Commercial Jet	D	27
2023-Oct-30	13:31:08	31	88.8	A321	Commercial Jet	D	27
2023-Oct-30	20:09:05	54	85.1	B738	Commercial Jet	D	27
2023-Oct-30	21:34:33	31	87.1	B752	Commercial Jet	D	27
2023-Oct-30	22:11:54	41	86.1	B738	Commercial Jet	D	27
2023-Oct-31	06:33:12	43	85.4	B738	Commercial Jet	D	27
2023-Oct-31	13:37:04	25	87.1	B738	Commercial Jet	D	27
2023-Oct-31	15:27:28	33	85.9	E190	Regional Jet	D	27
2023-Oct-31	16:20:23	38	91.3	B738	Commercial Jet	D	27
2023-Oct-31	16:54:20	22	86.1	7M8	Commercial Jet	D	27



EVENTS Lmax - October 2023

Monitor W3

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Oct-01	13:05:02	33	85.1	73H	Commercial Jet	D	27

2023-Oct-01	17:35:19	49	86.2	MD82	Commercial Jet	D	27
2023-Oct-02	08:29:19	55	89.1	MD82	Commercial Jet	D	27
2023-Oct-02	12:35:55	33	86.1	B772	Commercial Jet	D	27
2023-Oct-05	15:55:01	34	85.8	B763	Commercial Jet	D	27
2023-Oct-05	17:06:26	54	88.7	B744	Commercial Jet	D	27
2023-Oct-06	11:29:35	42	86.4	B738	Commercial Jet	D	27
2023-Oct-06	22:07:47	36	86.6	B772	Commercial Jet	D	27
2023-Oct-07	11:52:18	38	88.1	B744	Commercial Jet	D	27
2023-Oct-08	07:23:11	56	91.3	MD82	Commercial Jet	D	27
2023-Oct-08	16:04:23	51	85.4	MD82	Commercial Jet	D	27
2023-Oct-09	08:57:37	33	85.3	B772	Commercial Jet	D	27
2023-Oct-11	22:39:05	53	85.8	P180	Turboprop	A	9
2023-Oct-12	12:38:33	31	85.1	E195	Commercial Jet	D	27
2023-Oct-12	14:37:21	30	89.4	B772	Commercial Jet	D	27
2023-Oct-12	18:09:16	31	85.5	B738	Commercial Jet	D	27
2023-Oct-13	15:18:07	49	85.4	B738	Commercial Jet	D	27
2023-Oct-14	11:33:34	35	86.8	B738	Commercial Jet	D	27
2023-Oct-15	14:44:16	39	86	B738	Commercial Jet	D	27
2023-Oct-16	15:08:03	39	86.8	B762	Commercial Jet	D	27
2023-Oct-20	14:31:37	37	89.1	B763	Commercial Jet	D	27
2023-Oct-20	15:37:59	41	85.6	B738	Commercial Jet	D	27
2023-Oct-21	09:20:56	48	86.1	B738	Commercial Jet	D	27
2023-Oct-21	11:25:28	41	86.4	B738	Commercial Jet	D	27
2023-Oct-21	21:39:11	30	85.1	B738	Commercial Jet	D	27
2023-Oct-23	09:10:52	35	86.1	B738	Commercial Jet	D	27
2023-Oct-24	18:20:41	34	86.8	B738	Commercial Jet	D	27
2023-Oct-24	23:29:16	46	89	B772	Commercial Jet	D	27
2023-Oct-26	09:40:53	38	85.9	B738	Commercial Jet	D	27
2023-Oct-27	11:11:31	37	85.3	B738	Commercial Jet	D	27
2023-Oct-27	15:19:08	33	86.1	B738	Commercial Jet	D	27
2023-Oct-27	16:36:06	37	85.4	B738	Commercial Jet	D	27
2023-Oct-29	09:54:21	39	88.2	B744	Commercial Jet	D	27
2023-Oct-29	17:10:50	28	86.9	B738	Commercial Jet	D	27
2023-Oct-30	09:53:25	36	87	B738	Commercial Jet	D	27
2023-Oct-31	16:20:37	57	86.3	B738	Commercial Jet	D	27



EVENTS Lmax - October 2023

Monitor W4

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Oct-01	21:20:32	47	87.1	B744	Commercial Jet	D	27
2023-Oct-02	12:35:53	26	87.4	B772	Commercial Jet	D	27
2023-Oct-04	08:43:09	19	85.5	AT72	Turboprop	A	9
2023-Oct-05	17:06:32	32	92	B744	Commercial Jet	D	27
2023-Oct-06	14:22:27	34	85.2	MD82	Commercial Jet	D	27
2023-Oct-07	11:52:25	29	88	B744	Commercial Jet	D	27
2023-Oct-08	16:57:43	24	85.4	B772	Commercial Jet	D	27
2023-Oct-11	08:13:13	23	85.6	B752	Commercial Jet	A	9
2023-Oct-11	11:26:17	18	90.1	FA20	Business Jet	A	9
2023-Oct-11	15:47:57	13	89.2	FA20	Business Jet	A	9

2023-Oct-11	21:38:25	36	85.4	B772	Commercial Jet	A	9
2023-Oct-11	22:38:58	36	89.5	P180	Turboprop	A	9
2023-Oct-11	22:44:56	27	85.3	B738	Commercial Jet	A	9
2023-Oct-12	01:42:39	34	89.1	B763	Commercial Jet	A	9
2023-Oct-12	14:37:26	29	87.7	B772	Commercial Jet	D	27
2023-Oct-13	19:42:25	20	100.2	B38M	Commercial Jet	D	27
2023-Oct-14	11:33:36	23	85.4	B738	Commercial Jet	D	27
2023-Oct-14	13:45:16	15	85.9	B733	Commercial Jet	A	9
2023-Oct-16	19:05:37	18	85.1	A321	Commercial Jet	A	9
2023-Oct-17	10:40:49	22	85.6	B738	Commercial Jet	A	9
2023-Oct-17	16:49:49	36	85.7	B738	Commercial Jet	A	9
2023-Oct-18	09:34:28	17	85.2	B738	Commercial Jet	A	9
2023-Oct-18	11:46:42	22	86	AT73	Turboprop	A	9
2023-Oct-19	22:07:44	52	88.6	P180	Turboprop	A	9
2023-Oct-20	14:31:38	25	89.6	B763	Commercial Jet	D	27
2023-Oct-21	21:39:11	38	85.6	B738	Commercial Jet	D	27
2023-Oct-24	23:29:20	30	89.6	B772	Commercial Jet	D	27
2023-Oct-29	09:54:25	32	88.7	B744	Commercial Jet	D	27
2023-Oct-30	09:53:28	25	85.3	B738	Commercial Jet	D	27



EVENTS Lmax - October 2023

Monitor W6

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Oct-11	10:53:41	114	85.4	A321	Commercial Jet	A	9
2023-Oct-11	17:00:07	120	85.1	E190	Regional Jet	A	9
2023-Oct-18	10:50:42	120	87.3	B38M	Commercial Jet	A	9

Монитори W5 и E2 не са регистрирали авиационни шумови събития с максимално ниво на шума Lmax по-високи от 85 dB(A) през м. октомври 2023 г.



EVENTS Lmax - November 2023

Monitor W2

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Nov-01	13:13:42	71	85.2	B738	Commercial Jet	D	27
2023-Nov-01	15:30:55	34	88.3	B738	Commercial Jet	D	27
2023-Nov-02	10:43:38	30	90.3	B738	Commercial Jet	D	27
2023-Nov-02	14:51:10	25	87.4	A21N	Commercial Jet	D	27
2023-Nov-02	15:18:30	33	94.5	B763	Commercial Jet	D	27
2023-Nov-02	15:20:41	30	86.2	E190	Regional Jet	D	27
2023-Nov-03	09:51:51	38	85.6	B738	Commercial Jet	A	9
2023-Nov-03	09:55:19	20	85.7	B738	Commercial Jet	A	9
2023-Nov-03	13:23:41	23	85.2	B738	Commercial Jet	A	9
2023-Nov-03	22:28:18	41	86.3	B738	Commercial Jet	D	27
2023-Nov-04	09:00:05	24	87	B734	Commercial Jet	A	9
2023-Nov-04	09:21:15	23	85.5	B738	Commercial Jet	A	9
2023-Nov-04	10:14:52	40	86.8	A320	Commercial Jet	D	27
2023-Nov-04	12:49:20	32	87.6	E195	Commercial Jet	D	27
2023-Nov-04	13:00:05	35	86.5	A320	Commercial Jet	D	27
2023-Nov-04	15:37:38	30	86.8	B738	Commercial Jet	D	27
2023-Nov-05	09:09:35	39	87	B738	Commercial Jet	D	27
2023-Nov-05	10:12:01	37	86.1	B738	Commercial Jet	D	27
2023-Nov-05	11:27:30	40	87.9	B738	Commercial Jet	D	27
2023-Nov-05	13:33:05	34	87.1	B738	Commercial Jet	D	27
2023-Nov-05	13:56:01	35	89.9	B738	Commercial Jet	D	27
2023-Nov-05	14:46:29	19	85.1	B38M	Commercial Jet	D	27
2023-Nov-06	11:45:30	34	88.2	B739	Commercial Jet	D	27
2023-Nov-06	13:28:24	30	89.7	A321	Commercial Jet	D	27
2023-Nov-06	14:25:56	41	85.6	B738	Commercial Jet	D	27
2023-Nov-07	10:15:58	26	86	B738	Commercial Jet	D	27
2023-Nov-07	11:22:41	31	85.4	A320	Commercial Jet	D	27
2023-Nov-07	11:40:05	35	85.3	B738	Commercial Jet	D	27
2023-Nov-07	15:40:25	31	90.7	B738	Commercial Jet	D	27
2023-Nov-07	21:46:03	47	85.4	B752	Commercial Jet	D	27
2023-Nov-08	11:22:36	32	86	A320	Commercial Jet	D	27
2023-Nov-08	12:04:37	38	87.3	B739	Commercial Jet	D	27
2023-Nov-08	14:46:59	39	86.6	A320	Commercial Jet	D	27
2023-Nov-09	12:56:56	41	89.7	B738	Commercial Jet	D	27
2023-Nov-09	13:29:19	32	86.2	A320	Commercial Jet	D	27
2023-Nov-09	14:25:44	21	85.8	B38M	Commercial Jet	D	27
2023-Nov-09	17:05:02	31	91.7	B763	Commercial Jet	D	27
2023-Nov-10	13:46:10	35	87.8	P180	Turboprop	A	9
2023-Nov-11	07:44:10	18	86.7	B734	Commercial Jet	A	9
2023-Nov-11	10:38:19	25	89.3	B738	Commercial Jet	A	9
2023-Nov-11	14:03:10	51	86.2	B738	Commercial Jet	D	27
2023-Nov-12	11:07:14	36	91.8	B738	Commercial Jet	D	27
2023-Nov-12	11:38:34	32	87.2	B738	Commercial Jet	D	27
2023-Nov-12	13:54:48	45	86.6	B738	Commercial Jet	D	27
2023-Nov-12	16:19:57	42	88.8	B738	Commercial Jet	D	27
2023-Nov-12	16:28:24	42	90.2	B738	Commercial Jet	D	27

Месечни доклади за шум

Приложение 5

2023-Nov-12	18:15:24	32	85.7	B738	Commercial Jet	D	27
2023-Nov-12	23:55:12	54	85.3	B738	Commercial Jet	D	27
2023-Nov-13	09:17:17	32	85.3	E190	Regional Jet	D	27
2023-Nov-13	09:40:41	32	89.8	B738	Commercial Jet	D	27
2023-Nov-13	10:33:57	38	88.1	B739	Commercial Jet	D	27
2023-Nov-13	14:34:15	33	85.1	A321	Commercial Jet	D	27
2023-Nov-15	08:37:03	26	87.2	AT72	Turboprop	A	9
2023-Nov-15	11:34:43	78	86.6	B739	Commercial Jet	D	27
2023-Nov-15	15:32:31	33	85.1	A320	Commercial Jet	D	27
2023-Nov-15	17:02:00	53	87.5	B738	Commercial Jet	D	27
2023-Nov-17	10:45:14	55	86.7	B738	Commercial Jet	D	27
2023-Nov-19	09:08:21	48	86.1	B738	Commercial Jet	D	27
2023-Nov-19	16:26:39	50	88.8	B738	Commercial Jet	D	27
2023-Nov-20	10:17:44	30	88.9	B738	Commercial Jet	D	27
2023-Nov-20	14:31:51	31	86.5	B738	Commercial Jet	D	27
2023-Nov-21	12:39:26	42	92.6	B763	Commercial Jet	D	27
2023-Nov-21	15:39:29	34	85.4	B738	Commercial Jet	D	27
2023-Nov-21	16:14:02	31	89.8	B738	Commercial Jet	D	27
2023-Nov-21	20:11:17	33	85.1	A320	Commercial Jet	D	27
2023-Nov-22	10:24:41	36	85.5	B738	Commercial Jet	D	27
2023-Nov-22	11:36:48	37	85.1	E190	Regional Jet	D	27
2023-Nov-22	13:50:02	43	86	B738	Commercial Jet	D	27
2023-Nov-22	21:40:23	44	85.1	B752	Commercial Jet	D	27
2023-Nov-23	11:32:42	37	86.8	B738	Commercial Jet	D	27
2023-Nov-24	06:44:42	53	86.1	B738	Commercial Jet	D	27
2023-Nov-24	11:37:38	40	86	B738	Commercial Jet	D	27
2023-Nov-24	11:43:11	37	86.6	B738	Commercial Jet	D	27
2023-Nov-24	11:54:05	27	89	E190	Regional Jet	D	27
2023-Nov-24	12:01:13	23	86.6	B38M	Commercial Jet	D	27
2023-Nov-24	14:32:09	22	86.4	B38M	Commercial Jet	D	27
2023-Nov-24	14:38:59	41	91.5	B738	Commercial Jet	D	27
2023-Nov-24	14:51:28	33	88.4	E190	Regional Jet	D	27
2023-Nov-24	18:56:17	44	85.3	A321	Commercial Jet	D	27
2023-Nov-25	05:55:46	51	85.9	B738	Commercial Jet	D	27
2023-Nov-25	11:36:08	39	85.2	B738	Commercial Jet	D	27
2023-Nov-25	12:30:32	33	85.2	B738	Commercial Jet	D	27
2023-Nov-25	13:11:45	31	85.6	E195	Commercial Jet	D	27
2023-Nov-25	14:11:48	37	85.2	B738	Commercial Jet	D	27
2023-Nov-25	14:46:53	37	87.9	A321	Commercial Jet	D	27
2023-Nov-25	14:59:47	52	86.4	B738	Commercial Jet	D	27
2023-Nov-27	14:44:01	34	86.8	B738	Commercial Jet	D	27
2023-Nov-28	17:53:58	26	89.1	A319	Commercial Jet	A	9
2023-Nov-28	17:59:52	19	85.2	E190	Regional Jet	A	9
2023-Nov-29	11:32:58	42	86.2	B739	Commercial Jet	D	27
2023-Nov-29	15:33:25	57	88.8	B772	Commercial Jet	D	27
2023-Nov-29	15:37:09	38	87.1	B738	Commercial Jet	D	27
2023-Nov-30	07:16:54	52	86.18	B738	Commercial Jet	D	27
2023-Nov-30	07:20:50	63	85.45	A321	Commercial Jet	D	27
2023-Nov-30	07:32:33	49	85.63	A321	Commercial Jet	D	27
2023-Nov-30	07:35:08	52	85.32	E190	Regional Jet	D	27
2023-Nov-30	13:15:11	31	87.71	B772	Commercial Jet	D	27
2023-Nov-30	13:46:34	38	90.2	B763	Commercial Jet	D	27

2023-Nov-30	14:58:13	30	88.82	E195	Commercial Jet	D	27
2023-Nov-30	15:15:40	33	85.04	E190	Regional Jet	D	27
2023-Nov-30	16:07:33	29	85.46	B738	Commercial Jet	D	27
2023-Nov-30	19:57:53	47	85.11	A320	Commercial Jet	D	27
2023-Nov-30	20:32:29	48	85.73	A321	Commercial Jet	D	27



EVENTS Lmax - November 2023

Monitor W3

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Nov-02	10:43:50	33	85.1	B738	Commercial Jet	D	27
2023-Nov-02	15:18:42	42	90.4	B763	Commercial Jet	D	27
2023-Nov-05	11:27:41	40	85.4	B738	Commercial Jet	D	27
2023-Nov-06	11:45:43	37	85.3	B739	Commercial Jet	D	27
2023-Nov-07	15:40:38	33	86.2	B738	Commercial Jet	D	27
2023-Nov-09	17:05:14	39	87.8	B763	Commercial Jet	D	27
2023-Nov-12	11:07:26	51	86.1	B738	Commercial Jet	D	27
2023-Nov-12	16:28:38	36	86	B738	Commercial Jet	D	27
2023-Nov-21	12:39:41	39	90	B763	Commercial Jet	D	27
2023-Nov-21	16:14:16	38	86.1	B738	Commercial Jet	D	27
2023-Nov-24	11:54:23	39	85.5	E190	Regional Jet	D	27
2023-Nov-24	14:39:14	48	87.3	B738	Commercial Jet	D	27
2023-Nov-25	12:30:43	46	85.5	B738	Commercial Jet	D	27



EVENTS Lmax - November 2023

Monitor W4

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Nov-02	15:18:45	28	88.2	B763	Commercial Jet	D	27
2023-Nov-03	19:31:40	18	85.9	AT76	Turboprop	A	9
2023-Nov-04	08:59:44	22	87.3	B734	Commercial Jet	A	9
2023-Nov-09	12:57:15	54	85.3	B738	Commercial Jet	D	27
2023-Nov-10	13:45:47	35	88.5	P180	Turboprop	A	9
2023-Nov-10	13:52:00	44	85.2	E195	Commercial Jet	A	9
2023-Nov-11	07:43:53	19	85.5	B734	Commercial Jet	A	9
2023-Nov-11	08:55:30	18	85.8	B738	Commercial Jet	A	9
2023-Nov-15	08:14:19	21	85.1	B752	Commercial Jet	A	9
2023-Nov-17	21:04:34	23	86.6	B38M	Commercial Jet	A	9
2023-Nov-21	12:39:42	118	89	B763	Commercial Jet	D	27
2023-Nov-24	14:39:16	30	85.5	B738	Commercial Jet	D	27
2023-Nov-28	08:54:44	19	87.6	AT72	Turboprop	A	9
2023-Nov-28	14:33:18	22	85.5	E190	Regional Jet	A	9



EVENTS Lmax - November 2023

Monitor W5

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Nov-10	17:37:16	35	97.2	BCS3	Commercial Jet	A	9
2023-Nov-17	13:24:53	67	87.5	A321	Commercial Jet	A	9



## EVENTS Lmax - November 2023

## Monitor E2

## AIRPORT

2023-Nov-11	10:07:50	71	90.7	B738	Commercial Jet	D	9
2023-Nov-16	20:55:55	24	92.6	B738	Commercial Jet	A	27

Монитор W6 не е регистрирал авиационни шумови събития с максимално ниво на шума Lmax по-високи от 85 dB(A) през м. ноември 2023 г.





EVENTS Lmax - December 2023

Monitor W2

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Dec-01	07:05:00	33	87.45	B738	Commercial Jet	D	27
2023-Dec-01	07:12:22	50	87.02	A321	Commercial Jet	D	27
2023-Dec-01	07:47:10	52	90.33	E190	Regional Jet	D	27
2023-Dec-01	10:33:03	52	85.94	B738	Commercial Jet	D	27
2023-Dec-01	10:57:40	55	85.39	B738	Commercial Jet	D	27
2023-Dec-01	12:23:19	36	85.21	E190	Regional Jet	D	27
2023-Dec-01	13:19:40	47	86.78	B738	Commercial Jet	D	27
2023-Dec-01	13:34:07	39	86.65	B738	Commercial Jet	D	27
2023-Dec-01	13:40:56	37	86.16	B738	Commercial Jet	D	27
2023-Dec-01	15:05:32	39	87.11	A321	Commercial Jet	D	27
2023-Dec-01	18:47:32	37	87.45	E75S	Regional Jet	D	27
2023-Dec-02	09:03:34	20	86.97	B734	Commercial Jet	A	9
2023-Dec-04	09:45:07	34	86.47	B738	Commercial Jet	D	27
2023-Dec-04	10:03:16	37	85.49	B738	Commercial Jet	D	27
2023-Dec-04	13:53:32	27	86.66	A320	Commercial Jet	D	27
2023-Dec-04	20:51:13	47	87.45	B738	Commercial Jet	D	27
2023-Dec-04	23:47:56	28	85.62	B738	Commercial Jet	A	9
2023-Dec-05	05:58:25	54	87.62	B734	Commercial Jet	A	9
2023-Dec-05	14:52:41	33	90.55	AN12	Turboprop	A	9
2023-Dec-05	20:42:23	22	86.24	B738	Commercial Jet	A	9
2023-Dec-06	09:16:32	23	85.18	B738	Commercial Jet	A	9
2023-Dec-06	10:08:40	105	86.65	B738	Commercial Jet	A	9
2023-Dec-06	20:38:14	24	86.37	B738	Commercial Jet	A	9
2023-Dec-06	21:17:29	28	85.22	B738	Commercial Jet	A	9
2023-Dec-07	13:19:24	39	90.2	B763	Commercial Jet	D	27
2023-Dec-08	11:02:30	46	87.09	B738	Commercial Jet	D	27
2023-Dec-08	12:40:14	52	85.17	B738	Commercial Jet	D	27
2023-Dec-08	14:58:21	32	89.12	B738	Commercial Jet	D	27
2023-Dec-08	19:38:21	52	85.18	A321	Commercial Jet	D	27
2023-Dec-09	11:54:33	42	89.99	B738	Commercial Jet	D	27
2023-Dec-09	12:05:53	35	90.36	B738	Commercial Jet	D	27
2023-Dec-09	13:11:03	35	86.79	A320	Commercial Jet	D	27
2023-Dec-09	14:15:43	33	88.98	B738	Commercial Jet	D	27
2023-Dec-09	15:02:32	34	88.45	B738	Commercial Jet	D	27
2023-Dec-10	10:01:51	28	86.2	B738	Commercial Jet	D	27
2023-Dec-10	14:37:06	37	86.86	A321	Commercial Jet	D	27
2023-Dec-10	16:27:52	37	90.6	B738	Commercial Jet	D	27
2023-Dec-10	16:29:51	34	89.47	B738	Commercial Jet	D	27
2023-Dec-10	16:47:52	35	87.58	B738	Commercial Jet	D	27
2023-Dec-11	09:48:25	34	87.81	B738	Commercial Jet	D	27
2023-Dec-11	10:03:48	40	86.36	B738	Commercial Jet	D	27
2023-Dec-11	10:31:25	39	85.09	A320	Commercial Jet	D	27
2023-Dec-11	13:39:50	31	88.12	A320	Commercial Jet	D	27
2023-Dec-11	14:40:29	32	85.43	A321	Commercial Jet	D	27
2023-Dec-12	10:53:11	35	86.4	B738	Commercial Jet	D	27
2023-Dec-12	10:58:54	31	85.08	A320	Commercial Jet	D	27



Месечни доклади за шум

Приложение 6

2023-Dec-12	11:44:25	32	87.75	B738	Commercial Jet	D	27
2023-Dec-12	13:55:32	36	85.67	B738	Commercial Jet	D	27
2023-Dec-12	14:55:11	36	85.99	A321	Commercial Jet	D	27
2023-Dec-13	10:29:47	29	88.42	E190	Regional Jet	D	27
2023-Dec-14	10:32:46	63	87.44	E190	Regional Jet	D	27
2023-Dec-14	11:28:00	73	85.45	B738	Commercial Jet	D	27
2023-Dec-14	15:01:06	40	85.58	A320	Commercial Jet	D	27
2023-Dec-14	16:36:57	35	89.95	B763	Commercial Jet	D	27
2023-Dec-14	22:26:06	41	85.45	A321	Commercial Jet	D	27
2023-Dec-15	11:11:59	29	86.48	B738	Commercial Jet	D	27
2023-Dec-15	11:44:21	46	90.12	B738	Commercial Jet	D	27
2023-Dec-15	12:07:12	31	87.36	B738	Commercial Jet	D	27
2023-Dec-15	12:41:13	64	85.99	B738	Commercial Jet	D	27
2023-Dec-15	13:42:37	34	88.71	B738	Commercial Jet	D	27
2023-Dec-15	14:58:59	49	85.63	E195	Commercial Jet	D	27
2023-Dec-15	15:52:20	35	89.67	B738	Commercial Jet	D	27
2023-Dec-16	12:23:16	40	85.01	B738	Commercial Jet	D	27
2023-Dec-17	12:13:28	34	85.7	A321	Commercial Jet	D	27
2023-Dec-17	14:16:15	44	85.57	B738	Commercial Jet	D	27
2023-Dec-17	14:39:06	31	85.35	B738	Commercial Jet	D	27
2023-Dec-18	10:10:53	30	87.65	B738	Commercial Jet	D	27
2023-Dec-18	10:18:15	36	86.03	B738	Commercial Jet	D	27
2023-Dec-18	12:07:44	42	85.77	B739	Commercial Jet	D	27
2023-Dec-18	13:34:49	29	85.28	A21N	Commercial Jet	D	27
2023-Dec-18	14:28:47	32	85.72	A320	Commercial Jet	D	27
2023-Dec-18	14:44:17	38	86.31	B738	Commercial Jet	D	27
2023-Dec-19	16:36:04	37	86.32	B738	Commercial Jet	D	27
2023-Dec-20	16:05:02	39	86.1	B738	Commercial Jet	D	27
2023-Dec-21	13:30:31	35	90.18	B763	Commercial Jet	D	27
2023-Dec-22	11:39:02	49	86.53	B739	Commercial Jet	D	27
2023-Dec-23	09:24:20	32	86.87	E190	Regional Jet	D	27
2023-Dec-23	10:05:36	56	86.56	B738	Commercial Jet	D	27
2023-Dec-24	09:18:42	34	87.61	B738	Commercial Jet	D	27
2023-Dec-24	14:04:06	45	86.32	B738	Commercial Jet	D	27
2023-Dec-25	10:25:28	28	88.29	B738	Commercial Jet	D	27
2023-Dec-26	10:26:49	40	85.4	B738	Commercial Jet	D	27
2023-Dec-26	10:47:44	40	88.67	B738	Commercial Jet	D	27
2023-Dec-26	10:51:01	33	86.8	E190	Regional Jet	D	27
2023-Dec-26	13:00:34	38	88.98	A320	Commercial Jet	D	27
2023-Dec-26	13:50:46	37	87.37	A321	Commercial Jet	D	27
2023-Dec-26	14:49:41	18	85.66	B38M	Commercial Jet	D	27
2023-Dec-26	15:33:33	27	90.3	B738	Commercial Jet	D	27
2023-Dec-27	09:39:49	32	87.67	B738	Commercial Jet	D	27
2023-Dec-27	11:53:48	39	85.99	A321	Commercial Jet	D	27
2023-Dec-27	17:08:52	37	85.11	B738	Commercial Jet	D	27
2023-Dec-28	09:29:54	31	87.8	B733	Commercial Jet	D	27
2023-Dec-28	09:52:33	29	86.23	B738	Commercial Jet	D	27
2023-Dec-28	10:21:04	34	85.86	A320	Commercial Jet	D	27
2023-Dec-28	11:56:50	34	89.72	B738	Commercial Jet	D	27
2023-Dec-29	06:56:04	47	86.51	A321	Commercial Jet	D	27
2023-Dec-29	07:57:35	62	86.57	B738	Commercial Jet	D	27
2023-Dec-29	08:49:34	84	86.53	B738	Commercial Jet	D	27

2023-Dec-29	15:03:31	32	85.9	P180	Turboprop	D	27
2023-Dec-30	12:09:32	34	90.64	B738	Commercial Jet	D	27
2023-Dec-30	13:54:33	33	89.9	B738	Commercial Jet	D	27
2023-Dec-30	15:26:39	50	88.33	B738	Commercial Jet	D	27
2023-Dec-30	20:40:04	41	86.21	B738	Commercial Jet	D	27
2023-Dec-30	20:49:37	30	88.89	B738	Commercial Jet	D	27
2023-Dec-31	10:12:03	64	89.51	73H	Commercial Jet	D	27
2023-Dec-31	14:00:25	36	85.16	B738	Commercial Jet	D	27
2023-Dec-31	18:31:46	44	88.13		Unknown	D	27



EVENTS Lmax - December 2023

Monitor W3

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Dec-01	13:19:52	58	85.5	B738	Commercial Jet	D	27
2023-Dec-05	14:52:28	30	86.6	AN12	Turboprop	A	9
2023-Dec-08	14:58:35	41	86	B738	Commercial Jet	D	27
2023-Dec-09	11:54:49	49	87.06	B738	Commercial Jet	D	27
2023-Dec-09	12:06:08	54	86.69	B738	Commercial Jet	D	27
2023-Dec-09	15:02:47	44	85.82	B738	Commercial Jet	D	27
2023-Dec-10	16:28:07	44	86.35	B738	Commercial Jet	D	27
2023-Dec-13	10:30:01	31	85.16	E190	Regional Jet	D	27
2023-Dec-15	11:44:34	105	87.61	B738	Commercial Jet	D	27
2023-Dec-15	12:07:24	84	85.16	B738	Commercial Jet	D	27
2023-Dec-15	15:52:34	75	86.14	B738	Commercial Jet	D	27
2023-Dec-28	09:30:06	52	85.15	B733	Commercial Jet	D	27
2023-Dec-28	11:57:03	59	86.32	B738	Commercial Jet	D	27
2023-Dec-29	07:57:47	39	85.05	B738	Commercial Jet	D	27
2023-Dec-30	12:09:46	43	85.79	B738	Commercial Jet	D	27
2023-Dec-30	20:49:50	43	85.21	B738	Commercial Jet	D	27
2023-Dec-31	10:12:17	35	86.08	73H	Commercial Jet	D	27



EVENTS Lmax - December 2023

Monitor W4

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Dec-02	09:03:16	17	87.67	B734	Commercial Jet	A	9
2023-Dec-02	21:04:34	25	85.57	B738	Commercial Jet	A	9
2023-Dec-02	21:38:24	24	85.69	B738	Commercial Jet	A	9
2023-Dec-04	18:43:14	24	85.05	B738	Commercial Jet	A	9
2023-Dec-04	23:47:34	28	85.7	B738	Commercial Jet	A	9
2023-Dec-05	05:58:06	36	86.66	B734	Commercial Jet	A	9
2023-Dec-05	14:52:21	26	91.47	AN12	Turboprop	A	9
2023-Dec-06	00:02:52	76	106.54	BCS3	Commercial Jet	A	9
2023-Dec-06	08:36:00	24	85.16	B752	Commercial Jet	A	9
2023-Dec-06	09:16:14	25	85.83	B738	Commercial Jet	A	9
2023-Dec-06	10:08:19	30	88.41	B738	Commercial Jet	A	9
2023-Dec-06	22:31:06	29	85.02	B738	Commercial Jet	A	9
2023-Dec-09	11:54:49	29	86.14	B738	Commercial Jet	D	27
2023-Dec-10	16:28:08	30	85.63	B738	Commercial Jet	D	27

2023-Dec-13	21:13:16	29	85.8	B738	Commercial Jet	A	9
2023-Dec-15	11:44:38	35	85.74	B738	Commercial Jet	D	27
2023-Dec-16	15:44:01	23	85.48	B738	Commercial Jet	A	9
2023-Dec-16	17:00:49	17	85.05	B738	Commercial Jet	A	9
2023-Dec-23	19:02:57	33	85.32	A321	Commercial Jet	D	27
2023-Dec-29	10:43:49	19	85.5	B739	Commercial Jet	A	9
2023-Dec-29	15:16:41	32	93.01	B738	Commercial Jet	D	27
2023-Dec-29	20:40:48	25	85.54	A320	Commercial Jet	D	27



EVENTS Lmax - December 2023

Monitor W5

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Dec-05	14:51:48	24	86.19	AN12	Turboprop	A	9

Монитори W6 и E2 не са регистрирали авиационни шумови събития с максимално ниво на шума Lmax по-високи от 85 dB(A) през м. декември 2023 г.

# **ТРИМЕСЕЧЕН ДОКЛАД ЗА ПЕРИОДА ОКТОМВРИ-ДЕКЕМВРИ 2023 ГОДИНА**

## **РЕЗУЛТАТИ**

**ОТ СОБСТВЕНИТЕ НЕПРЕКЪСНАТИ ИЗМЕРВАНИЯ НА ШУМА, ДАВАЩИ ПРЕДСТАВА ЗА  
АКУСТИЧНОТО СЪСТОЯНИЕ НА РАЙОНИ, РАЗПОЛОЖЕНИ В БЛИЗОСТ ДО ЛЕТИЩЕ БУРГАС**

Настоящата информация е изготвена в съответствие с чл. 32 ал.1 от Наредба №54 /13.12.2010 г. за дейността на националната система за мониторинг на шума в околната среда и за изискванията за провеждане на собствен мониторинг и предоставяне на информация от промишлените източници на шум в околната среда.

### **1. Собственик или ползвател, име и адрес на летището – източник на шум:**

Ползвател: „Фрапорт Туин Стар Еърпорт Мениджмънт“ АД – концесионер на летища Варна и Бургас

Адрес: град Бургас, летище Бургас

**2. Лице за контакти** – Георги Чипилски, директор на Летище Бургас

тел. 056/870 202, факс:056/870 203

### **3. Типове въздухоплавателни средства, опериращи на летище Бургас**

В Приложение №1 към настоящия доклад „Справка за броя на изпълнените самолетодвижения от/до летище Бургас по редовни линии и сезонни чартърни линии за периода октомври-декември 2023 год.” са дадени типа и модификацията на въздухоплавателните средства (ВС), изпълняващи редовни полети по разписание и сезонни чартърни линии от/до летище Бургас.

### **4. Денонощни нива на шума, разпределени по дни от месеците**

Системата за мониторинг на шума бе въведена в експлоатация в началото на активен летен сезон на 2011 г. Тя се състои от четири стационарни терминала, чието разположение е съобразено с прогнозния шумов контур  $L_{Aeq} 60$  dB (A) на летище Бургас за 2009/2010 година. Извършени бяха предпроектни натурни измервания от екип от специалисти по „Акустика” на Института по въздушен транспорт, посредством мобилни акустични станции, по предварително определени локации, съответстващи на разположението на въздушните трасета за отлитане и долитане.

Системата за мониторинг на шума е инсталирана от един от световните лидери в тази област – „Топсоник Системхаус” ГМБХ - Германия. Инсталацията е една от най-модерните системи,

разработена по съвременни технологии за регистриране на шумови събития. Измерването става посредством специални терминални станции с вграден микрофон, конфигурирани на база разположението на въздушните коридори. Данните, получени от измерванията се актуализират на всяка половин до една секунда. Системата съхранява информация в база данни, изчислява параметрите за шум, регистрира показателите не само по отношение на кацащите и излитащите самолети, но и на прелитащите над конкретния район.

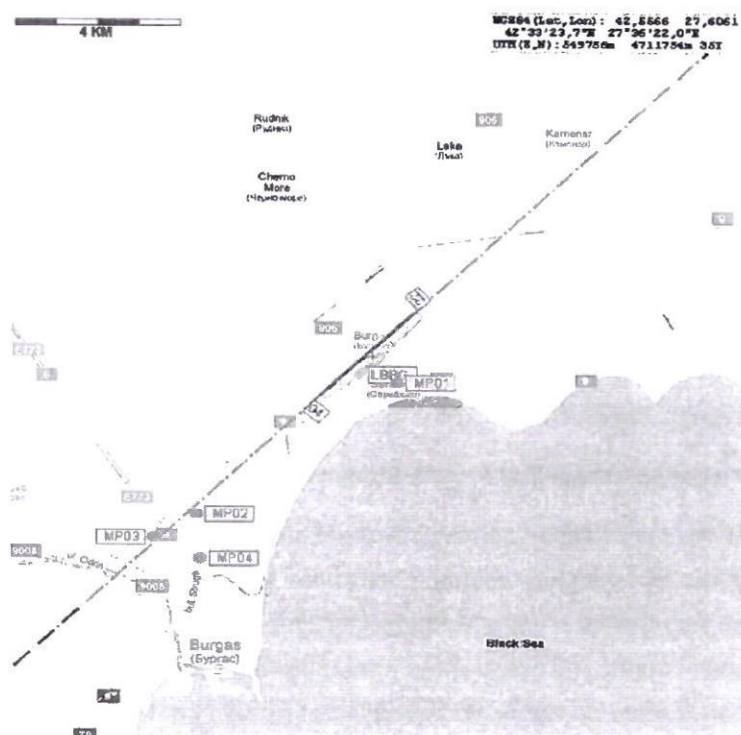
Конкретните локации за разполагане на терминалните станции са както следва:

**станция MP01** - Летище Бургас, кв. Сарафово, ОУ"Христо Ботев" - покрив на парова централа

**станция MP02** - ж.к. „Изгрев“, 6 ОДЗ „Ран Босилек“ – покрив на сградата на детска градина

**станция MP03** - ж.к. „Славейков“, 26 ЦДГ „Райна Княгиня“ - покрив на сградата на детска градина

**станция MP04** - ж.к. „Зорница“, 2 ОДЗ „Звездица-Зорница“ - покрив на сградата на детска градина



**Фиг. 1 Местоположение на терминалните станции**

#### Акустичното състояние на райони, разположени в близост до летище Бургас

Акустичното състояние за 4-то тримесечие на 2023 г. за районите, разположени в близост до летище Бургас, където са инсталирани и стационарните терминали за мониторинг на шума е представено в табличен вид - Приложение № 2 съответно за м. октомври, м. ноември, м. декември.



Табличните резултати предоставят информация за разглежданите три месеца и дават разпределението на еквивалентните денонощни нива на шума за 24 часов непрекъснат период на измерване  $L_{eq}$  (24h). Посочени са регистрираните еквивалентни нива на шум над наблюдавания район – фонен шум ( $L_{Aeq}$  Residual sound). Представен е и максималният шум, възникнал от едно шумово събитие  $L_{max}$ - от всеки един терминал за съответния период. Допълнително е представен и дневния брой на регистрираните шумови събития от всеки един терминал за съответния период.

В Приложения № 3 в табличен вид са представени денонощните еквивалентни нива на шума, дневните, вечерните и нощните еквивалентни нива, разпределени по дни от месеците на разглеждания период, както и регистрираните еквивалентни нива на шум от шумови събития, свързани с полети LDEN correlated и кумулативния шум LDEN Total.

#### **5. Брой въздухоплавателни средства по направления за отлитане и долитане над пунктовете за мониторинг**

Месечният брой на всички шумови събития, основно предизвикани от отлитащи и долитащи въздухоплавателни средства, регистрирани от стационарните терминали за мониторинг на шума е даден в таблица 1.

**Таблица 1**

Терминал за мониторинг на шума	Брой регистрирани шумови събития		
	Октомври 2023 г.	Ноември 2023 г.	Декември 2023 г.
<b>MP01</b>	465	131	142
<b>MP02</b>	190	54	58
<b>MP03</b>	190	54	58
<b>MP04</b>	190	54	58

#### **6. Брой превишения на граничните стойности на показателите за шум и тип на въздухоплавателното средство, предизвикало превишението.**

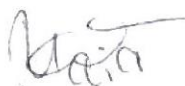
В Приложения 4, 5 и 6 са показани най-шумните корелирани шумови събития, регистрирани от терминали MP01, MP02, MP03 и MP04 за месеците октомври, ноември, декември.

За всяко едно събитие са дадени датата и часа на регистрацията му, отчетеното ниво на максималния шум  $L_{max}$  в dB(A) и типа на въздухоплавателното средство, причинило този шум.

**7. Брой отклонения на въздухоплавателните средства от регламентираните направления за отлитане и долитане на летище Бургас**

Предоставянето на информация по чл.32, ал. 1, т. 7 от „Наредба №54 от 13 декември 2010г. за дейността на националната система за мониторинг на шума в околната среда и за изискванията за провеждане на собствен мониторинг и предоставяне на информация от промишлените източници на шум в околната среда“ е от компетентността на ДП-РВД София. Тази информация ще бъде изпратена към доклада след като ни бъде предоставена от ДП-РВД София.

Изготвил:



М. Христова

Експерт Интегрирани системи за управление,  
звено „Интегрирани системи за управление и медицинско обслужване“

Traffic by Aircraft Type  
October 2023



AC-Type	AC-Type Long Name	Movements per Month			Sum
		October	November	December	
A109	AgustaWestland AW-109	6	2	8	16
A124	Antonov An-124 Ruslan	2	2	6	10
A20N	Airbus A320neo	2	0	0	2
A21N	Airbus A321neo	84	20	24	128
A319	Airbus A319	4	0	0	4
A320	Airbus A320	31	0	2	33
A321	Airbus A321	54	10	4	68
A332	Airbus A330-200	13	3	6	22
AN12	Antonov An-12	6	10	2	18
AN26	Antonov An-26	0	0	2	2
AS50	Eurocopter AS-350 Ecureuil	4	4	0	8
B350	Beech King Air 350	0	4	0	4
B38M	Boeing 737 MAX 8	70	0	0	70
B733	Boeing 737-300	9	0	0	9
B734	Boeing 737-400	0	0	4	4
B738	Boeing 737-800	117	38	32	187
B744	Boeing 747-400	0	2	1	3
B748	Boeing 747-8	0	2	4	6
B762	Boeing 767-200	4	0	6	10
B763	Boeing 767-300	0	4	4	8
BE9L	Beech King Air 90	2	0	0	2
C17	C-17 Globemaster 3	6	1	0	7
C182	Cessna 182 Skylane	0	0	2	2
C25A	Cessna 525A Citation CJ2	2	0	0	2
C30J	Lockheed Martin C-130J Hercules	2	4	4	10
C5	Lockheed L-500 Galaxy	0	2	0	2
C560	Cessna 560 Citation 5	0	1	1	2
CL30	Bombardier BD-100 Challenger 300	0	2	2	4
CL60	Bombardier CL-600 Challenger 600	0	2	2	4
E35L	Embraer EMB-135BJ Legacy	2	0	0	2
E50P	Embraer EMB-500 Phenom 100	0	4	0	4
E55P	Embraer EMB-505 Phenom 300	0	2	0	2
F2TH	Dassault Falcon 2000	0	0	2	2
FA10	Dassault Falcon 10/100	2	0	0	2
G280	Gulfstream G280	0	0	2	2
GALX	IAI 1126 Galaxy	0	0	2	2
GL7T		0	0	2	2
GLF4	Gulfstream 4	2	0	0	2
GLF6	Gulfstream G650	0	0	2	2
H60	Sikorsky HH-60	2	0	0	2
IL76	Ilyushin Il-76	0	0	6	6
KA32		8	4	0	12
L410	Let L410 Turbolet	0	0	4	4
LJ35	Bombardier Learjet 35/36	6	4	2	12
LJ45	Bombardier Learjet 45	2	0	0	2
MD82	McDonnell Douglas MD-82	1	0	0	1
MI8	Mil Mi-8/-9/-17/-19/-171/-172	4	0	0	4
P180	Piaggio P-180 Avanti	2	0	0	2
P2	Lockheed L-426/L-726/L-826 Neptune	0	0	2	2
P28A	Piper Cherokee (PA-28-140/150/160/180)	2	0	0	2
PA46	Piper PA-46-310P Malibu	0	2	0	2
PC12	Pilatus PC-12	4	2	0	6
PC24		6	0	2	8



Traffic by Aircraft Type  
October 2023



AC-Type	AC-Type Long Name	Movements per Month			Sum
		October	November	December	
T206		2	0	0	2
VL3		2	0	0	2
	Sum	465	131	142	738

Применение 2



Equivalent Continuous Sound Level

MP01 NMTBOJ001

October 2023

	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2023	56.9	58.1	56.7	57.3	64.8
10/2/2023	57.9	56.9	57.9	57.8	63.5
10/3/2023	58.9	59.8	58.7	59.4	66.0
10/4/2023	58.2	59.5	58.1	58.5	65.7
10/5/2023	56.7	58.6	56.3	57.7	64.7
10/6/2023	57.9	58.9	57.9	57.9	65.1
10/7/2023	57.1	57.7	57.0	57.1	63.9
10/8/2023	58.5	58.5	*	59.5	*
10/9/2023	61.2	63.7	61.4	60.2	68.6
10/10/2023	58.4	62.3	59.1	55.0	68.0
10/11/2023	56.6	56.5	55.1	59.4	63.2
10/12/2023	59.4	60.9	59.6	59.0	67.0
10/13/2023	57.7	58.5	57.8	57.6	64.7
10/14/2023	58.6	58.0	58.0	59.9	64.7
10/15/2023	59.3	59.5	58.6	60.9	66.0
10/16/2023	61.2	61.1	61.1	61.3	67.9
10/17/2023	61.3	61.5	61.6	60.0	67.8
10/18/2023	60.9	60.4	59.9	62.9	67.2
10/19/2023	60.9	61.4	60.2	62.4	67.8
10/20/2023	61.2	62.4	*	61.6	*
10/21/2023	*	61.3	*	60.1	*
10/22/2023	60.8	59.8	61.2	59.3	66.3
10/23/2023	60.9	61.9	60.8	60.9	68.0
10/24/2023	65.6	60.7	66.3	62.1	68.4
10/25/2023	61.6	61.2	61.9	61.0	68.3
10/26/2023	61.1	61.7	61.2	60.9	68.2
10/27/2023	61.8	61.8	61.8	61.8	68.9
10/28/2023	61.5	62.5	61.7	60.9	68.2
10/29/2023	59.4	60.9	59.6	58.5	67.1
10/30/2023	61.8	61.4	61.4	63.0	68.0
10/31/2023	60.1	62.1	60.3	59.7	68.0
Sum	60.2	60.6	60.3	60.2	67.0

Aircraft Sound [dB(A)]				
L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
			39.1	36.3
	30.8		29.5	36.5
		*		*
		38.0	40.2	39.9
	27.7			32.9
	36.5			41.7
	32.7	*		*
		*		*
			40.9	46.4
			38.9	36.5
	30.5			36.7
		38.1		35.4
Sum	24.8	35.0	31.1	35.1

\* Availability < 50%

Equivalent Continuous Sound Level  
MP02 NMTBOJ002



October 2023

	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2023	*	*	*	*	*
10/2/2023	*	*	*	*	*
10/3/2023	*	*	*	*	*
10/4/2023	*	*	*	*	*
10/5/2023	*	*	*	*	*
10/6/2023	*	*	*	*	*
10/7/2023	*	*	*	*	*
10/8/2023	*	*	*	*	*
10/9/2023	*	*	*	*	*
10/10/2023	*	*	*	*	*
10/11/2023	*	*	*	*	*
10/12/2023	*	*	*	*	*
10/13/2023	*	*	*	*	*
10/14/2023	*	*	*	*	*
10/15/2023	*	*	*	*	*
10/16/2023	*	*	*	*	*
10/17/2023	*	*	*	*	*
10/18/2023	*	*	*	*	*
10/19/2023	*	*	*	*	*
10/20/2023	*	*	*	*	*
10/21/2023	*	*	*	*	*
10/22/2023	*	*	*	*	*
10/23/2023	*	*	*	*	*
10/24/2023	*	*	*	*	*
10/25/2023	*	*	*	*	*
10/26/2023	*	*	*	*	*
10/27/2023	*	*	*	*	*
10/28/2023	*	*	*	*	*
10/29/2023	*	*	*	*	*
10/30/2023	*	*	*	*	*
10/31/2023	*	*	*	*	*
Sum	*	*	*	*	*

	Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2023	*	*	*	*	*
10/2/2023	*	*	*	*	*
10/3/2023	*	*	*	*	*
10/4/2023	*	*	*	*	*
10/5/2023	*	*	*	*	*
10/6/2023	*	*	*	*	*
10/7/2023	*	*	*	*	*
10/8/2023	*	*	*	*	*
10/9/2023	*	*	*	*	*
10/10/2023	*	*	*	*	*
10/11/2023	*	*	*	*	*
10/12/2023	*	*	*	*	*
10/13/2023	*	*	*	*	*
10/14/2023	*	*	*	*	*
10/15/2023	*	*	*	*	*
10/16/2023	*	*	*	*	*
10/17/2023	*	*	*	*	*
10/18/2023	*	*	*	*	*
10/19/2023	*	*	*	*	*
10/20/2023	*	*	*	*	*
10/21/2023	*	*	*	*	*
10/22/2023	*	*	*	*	*
10/23/2023	*	*	*	*	*
10/24/2023	*	*	*	*	*
10/25/2023	*	*	*	*	*
10/26/2023	*	*	*	*	*
10/27/2023	*	*	*	*	*
10/28/2023	*	*	*	*	*
10/29/2023	*	*	*	*	*
10/30/2023	*	*	*	*	*
10/31/2023	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%



**Equivalent Continuous Sound Level**  
**MP04 NMTBOJ004**  
**October 2023**



	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/LN	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2023	*	*	*	*	*
10/2/2023	*	*	*	*	*
10/3/2023	*	*	*	*	*
10/4/2023	*	*	*	*	*
10/5/2023	*	*	*	*	*
10/6/2023	*	*	*	*	*
10/7/2023	*	*	*	*	*
10/8/2023	*	*	*	*	*
10/9/2023	*	*	*	*	*
10/10/2023	*	*	*	*	*
10/11/2023	*	*	*	*	*
10/12/2023	*	*	*	*	*
10/13/2023	*	*	*	*	*
10/14/2023	*	*	*	*	*
10/15/2023	*	*	*	*	*
10/16/2023	*	*	*	*	*
10/17/2023	*	*	*	*	*
10/18/2023	*	*	*	*	*
10/19/2023	*	*	*	*	*
10/20/2023	*	*	*	*	*
10/21/2023	*	*	*	*	*
10/22/2023	*	*	*	*	*
10/23/2023	*	*	*	*	*
10/24/2023	*	*	*	*	*
10/25/2023	*	*	*	*	*
10/26/2023	*	*	*	*	*
10/27/2023	*	*	*	*	*
10/28/2023	*	*	*	*	*
10/29/2023	*	*	*	*	*
10/30/2023	*	*	*	*	*
10/31/2023	*	*	*	*	*
Sum	*	*	*	*	*

	Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/LN	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2023	*	*	*	*	*
10/2/2023	*	*	*	*	*
10/3/2023	*	*	*	*	*
10/4/2023	*	*	*	*	*
10/5/2023	*	*	*	*	*
10/6/2023	*	*	*	*	*
10/7/2023	*	*	*	*	*
10/8/2023	*	*	*	*	*
10/9/2023	*	*	*	*	*
10/10/2023	*	*	*	*	*
10/11/2023	*	*	*	*	*
10/12/2023	*	*	*	*	*
10/13/2023	*	*	*	*	*
10/14/2023	*	*	*	*	*
10/15/2023	*	*	*	*	*
10/16/2023	*	*	*	*	*
10/17/2023	*	*	*	*	*
10/18/2023	*	*	*	*	*
10/19/2023	*	*	*	*	*
10/20/2023	*	*	*	*	*
10/21/2023	*	*	*	*	*
10/22/2023	*	*	*	*	*
10/23/2023	*	*	*	*	*
10/24/2023	*	*	*	*	*
10/25/2023	*	*	*	*	*
10/26/2023	*	*	*	*	*
10/27/2023	*	*	*	*	*
10/28/2023	*	*	*	*	*
10/29/2023	*	*	*	*	*
10/30/2023	*	*	*	*	*
10/31/2023	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%



Equivalent Continuous Sound Level

MP01 NMTBOJ001

November 2023



	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
11/1/2023	59.0	58.8	59.0	59.1	65.3					
11/2/2023	*	*	*	*	*	*	*	*	*	*
11/3/2023	*	*	*	*	*	*	*	*	*	*
11/4/2023	*	*	*	*	*	*	*	*	*	*
11/5/2023	*	*	*	*	*	*	*	*	*	*
11/6/2023	*	*	*	*	*	*	*	*	*	*
11/7/2023	*	*	*	*	*	*	*	*	*	*
11/8/2023	*	*	*	*	*	*	*	*	*	*
11/9/2023	*	*	*	*	*	*	*	*	*	*
11/10/2023	*	*	*	*	*	*	*	*	*	*
11/11/2023	*	*	*	*	*	*	*	*	*	*
11/12/2023	*	*	*	*	*	*	*	*	*	*
11/13/2023	*	*	*	*	*	*	*	*	*	*
11/14/2023	*	*	*	*	*	*	*	*	*	*
11/15/2023	*	*	*	*	*	*	*	*	*	*
11/16/2023	*	*	*	*	*	*	*	*	*	*
11/17/2023	*	*	*	*	*	*	*	*	*	*
11/18/2023	*	*	*	*	*	*	*	*	*	*
11/19/2023	*	*	*	*	*	*	*	*	*	*
11/20/2023	*	*	*	*	*	*	*	*	*	*
11/21/2023	*	*	*	*	*	*	*	*	*	*
11/22/2023	*	*	*	*	*	*	*	*	*	*
11/23/2023	*	*	*	*	*	*	*	*	*	*
11/24/2023	*	*	*	*	*	*	*	*	*	*
11/25/2023	*	*	*	*	*	*	*	*	*	*
11/26/2023	*	*	*	*	*	*	*	*	*	*
11/27/2023	*	*	*	*	*	*	*	*	*	*
11/28/2023	*	*	*	*	*	*	*	*	*	*
11/29/2023	*	*	*	*	*	*	*	*	*	*
11/30/2023	*	*	*	*	*	*	*	*	*	*
Sum	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%

**Equivalent Continuous Sound Level**  
**MP02 NMTBOJ002**  
**November 2023**



	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
11/1/2023	*	*	*	*	*
11/2/2023	*	*	*	*	*
11/3/2023	*	*	*	*	*
11/4/2023	*	*	*	*	*
11/5/2023	*	*	*	*	*
11/6/2023	*	*	*	*	*
11/7/2023	*	*	*	*	*
11/8/2023	*	*	*	*	*
11/9/2023	*	*	*	*	*
11/10/2023	*	*	*	*	*
11/11/2023	*	*	*	*	*
11/12/2023	*	*	*	*	*
11/13/2023	*	*	*	*	*
11/14/2023	*	*	*	*	*
11/15/2023	*	*	*	*	*
11/16/2023	*	*	*	*	*
11/17/2023	*	*	*	*	*
11/18/2023	*	*	*	*	*
11/19/2023	*	*	*	*	*
11/20/2023	*	*	*	*	*
11/21/2023	*	*	*	*	*
11/22/2023	*	*	*	*	*
11/23/2023	*	*	*	*	*
11/24/2023	*	*	*	*	*
11/25/2023	*	*	*	*	*
11/26/2023	*	*	*	*	*
11/27/2023	*	*	*	*	*
11/28/2023	*	*	*	*	*
11/29/2023	*	*	*	*	*
11/30/2023	*	*	*	*	*
Sum	*	*	*	*	*

	Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
11/1/2023	*	*	*	*	*
11/2/2023	*	*	*	*	*
11/3/2023	*	*	*	*	*
11/4/2023	*	*	*	*	*
11/5/2023	*	*	*	*	*
11/6/2023	*	*	*	*	*
11/7/2023	*	*	*	*	*
11/8/2023	*	*	*	*	*
11/9/2023	*	*	*	*	*
11/10/2023	*	*	*	*	*
11/11/2023	*	*	*	*	*
11/12/2023	*	*	*	*	*
11/13/2023	*	*	*	*	*
11/14/2023	*	*	*	*	*
11/15/2023	*	*	*	*	*
11/16/2023	*	*	*	*	*
11/17/2023	*	*	*	*	*
11/18/2023	*	*	*	*	*
11/19/2023	*	*	*	*	*
11/20/2023	*	*	*	*	*
11/21/2023	*	*	*	*	*
11/22/2023	*	*	*	*	*
11/23/2023	*	*	*	*	*
11/24/2023	*	*	*	*	*
11/25/2023	*	*	*	*	*
11/26/2023	*	*	*	*	*
11/27/2023	*	*	*	*	*
11/28/2023	*	*	*	*	*
11/29/2023	*	*	*	*	*
11/30/2023	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%





**Equivalent Continuous Sound Level**

MP04 NMTBOJ004

November 2023



	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
11/1/2023	*	*	*	*	*
11/2/2023	*	*	*	*	*
11/3/2023	*	*	*	*	*
11/4/2023	*	*	*	*	*
11/5/2023	*	*	*	*	*
11/6/2023	*	*	*	*	*
11/7/2023	*	*	*	*	*
11/8/2023	*	*	*	*	*
11/9/2023	*	*	*	*	*
11/10/2023	*	*	*	*	*
11/11/2023	*	*	*	*	*
11/12/2023	*	*	*	*	*
11/13/2023	*	*	*	*	*
11/14/2023	*	*	*	*	*
11/15/2023	*	*	*	*	*
11/16/2023	*	*	*	*	*
11/17/2023	*	*	*	*	*
11/18/2023	*	*	*	*	*
11/19/2023	*	*	*	*	*
11/20/2023	*	*	*	*	*
11/21/2023	*	*	*	*	*
11/22/2023	*	*	*	*	*
11/23/2023	*	*	*	*	*
11/24/2023	*	*	*	*	*
11/25/2023	*	*	*	*	*
11/26/2023	*	*	*	*	*
11/27/2023	*	*	*	*	*
11/28/2023	*	*	*	*	*
11/29/2023	*	*	*	*	*
11/30/2023	*	*	*	*	*
Sum	*	*	*	*	*

	Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
11/1/2023	*	*	*	*	*
11/2/2023	*	*	*	*	*
11/3/2023	*	*	*	*	*
11/4/2023	*	*	*	*	*
11/5/2023	*	*	*	*	*
11/6/2023	*	*	*	*	*
11/7/2023	*	*	*	*	*
11/8/2023	*	*	*	*	*
11/9/2023	*	*	*	*	*
11/10/2023	*	*	*	*	*
11/11/2023	*	*	*	*	*
11/12/2023	*	*	*	*	*
11/13/2023	*	*	*	*	*
11/14/2023	*	*	*	*	*
11/15/2023	*	*	*	*	*
11/16/2023	*	*	*	*	*
11/17/2023	*	*	*	*	*
11/18/2023	*	*	*	*	*
11/19/2023	*	*	*	*	*
11/20/2023	*	*	*	*	*
11/21/2023	*	*	*	*	*
11/22/2023	*	*	*	*	*
11/23/2023	*	*	*	*	*
11/24/2023	*	*	*	*	*
11/25/2023	*	*	*	*	*
11/26/2023	*	*	*	*	*
11/27/2023	*	*	*	*	*
11/28/2023	*	*	*	*	*
11/29/2023	*	*	*	*	*
11/30/2023	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%

Equivalent Continuous Sound Level

MP01 NMTBOJ001

December 2023



	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
12/1/2023	*	*	*	*	*	*	*	*	*	*
12/2/2023	*	*	*	*	*	*	*	*	*	*
12/3/2023	*	*	*	*	*	*	*	*	*	*
12/4/2023	*	*	*	*	*	*	*	*	*	*
12/5/2023	*	*	*	*	*	*	*	*	*	*
12/6/2023	*	*	*	*	*	*	*	*	*	*
12/7/2023	*	*	*	*	*	*	*	*	*	*
12/8/2023	*	*	*	*	*	*	*	*	*	*
12/9/2023	*	*	*	*	*	*	*	*	*	*
12/10/2023	*	*	*	*	*	*	*	*	*	*
12/11/2023	*	*	*	*	*	*	*	*	*	*
12/12/2023	*	*	*	*	*	*	*	*	*	*
12/13/2023	*	*	*	*	*	*	*	*	*	*
12/14/2023	*	*	*	*	*	*	*	*	*	*
12/15/2023	*	*	*	*	*	*	*	*	*	*
12/16/2023	*	*	*	*	*	*	*	*	*	*
12/17/2023	*	*	*	*	*	*	*	*	*	*
12/18/2023	*	*	*	*	*	*	*	*	*	*
12/19/2023	*	*	*	*	*	*	*	*	*	*
12/20/2023	*	*	*	*	*	*	*	*	*	*
12/21/2023	*	*	*	*	*	*	*	*	*	*
12/22/2023	*	*	*	*	*	*	*	*	*	*
12/23/2023	*	*	*	*	*	*	*	*	*	*
12/24/2023	*	*	*	*	*	*	*	*	*	*
12/25/2023	*	*	*	*	*	*	*	*	*	*
12/26/2023	*	*	*	*	*	*	*	*	*	*
12/27/2023	*	*	*	*	*	*	*	*	*	*
12/28/2023	*	*	*	*	*	*	*	*	*	*
12/29/2023	*	*	*	*	*	*	*	*	*	*
12/30/2023	*	*	*	*	*	*	*	*	*	*
12/31/2023	*	*	*	*	*	*	*	*	*	*
Sum	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%

Equivalent Continuous Sound Level

MP02 NMTBOJ002

December 2023



	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
12/1/2023	*	*	*	*	*
12/2/2023	*	*	*	*	*
12/3/2023	*	*	*	*	*
12/4/2023	*	*	*	*	*
12/5/2023	*	*	*	*	*
12/6/2023	*	*	*	*	*
12/7/2023	*	*	*	*	*
12/8/2023	*	*	*	*	*
12/9/2023	*	*	*	*	*
12/10/2023	*	*	*	*	*
12/11/2023	*	*	*	*	*
12/12/2023	*	*	*	*	*
12/13/2023	*	*	*	*	*
12/14/2023	*	*	*	*	*
12/15/2023	*	*	*	*	*
12/16/2023	*	*	*	*	*
12/17/2023	*	*	*	*	*
12/18/2023	*	*	*	*	*
12/19/2023	*	*	*	*	*
12/20/2023	*	*	*	*	*
12/21/2023	*	*	*	*	*
12/22/2023	*	*	*	*	*
12/23/2023	*	*	*	*	*
12/24/2023	*	*	*	*	*
12/25/2023	*	*	*	*	*
12/26/2023	*	*	*	*	*
12/27/2023	*	*	*	*	*
12/28/2023	*	*	*	*	*
12/29/2023	*	*	*	*	*
12/30/2023	*	*	*	*	*
12/31/2023	*	*	*	*	*
Sum	*	*	*	*	*

	Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
12/1/2023	*	*	*	*	*
12/2/2023	*	*	*	*	*
12/3/2023	*	*	*	*	*
12/4/2023	*	*	*	*	*
12/5/2023	*	*	*	*	*
12/6/2023	*	*	*	*	*
12/7/2023	*	*	*	*	*
12/8/2023	*	*	*	*	*
12/9/2023	*	*	*	*	*
12/10/2023	*	*	*	*	*
12/11/2023	*	*	*	*	*
12/12/2023	*	*	*	*	*
12/13/2023	*	*	*	*	*
12/14/2023	*	*	*	*	*
12/15/2023	*	*	*	*	*
12/16/2023	*	*	*	*	*
12/17/2023	*	*	*	*	*
12/18/2023	*	*	*	*	*
12/19/2023	*	*	*	*	*
12/20/2023	*	*	*	*	*
12/21/2023	*	*	*	*	*
12/22/2023	*	*	*	*	*
12/23/2023	*	*	*	*	*
12/24/2023	*	*	*	*	*
12/25/2023	*	*	*	*	*
12/26/2023	*	*	*	*	*
12/27/2023	*	*	*	*	*
12/28/2023	*	*	*	*	*
12/29/2023	*	*	*	*	*
12/30/2023	*	*	*	*	*
12/31/2023	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%

**Equivalent Continuous Sound Level**

MP03 NMTBOJ003

December 2023



	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	Leq Day	Leq Night/LN	LD	LE	LDEN	Leq Day	Leq Night/LN	LD	LE	LDEN
12/1/2023	63.0	61.4	63.3	62.2	68.4					
12/2/2023	*	63.4	*	*	*	*		*	*	*
12/3/2023	62.3	62.7	62.4	61.7	69.4					
12/4/2023	62.9	62.8	63.0	62.5	68.9					
12/5/2023	62.1	62.9	62.4	61.0	69.0					
12/6/2023	63.6	62.5	63.4	64.1	69.2					
12/7/2023	62.7	61.9	62.6	62.8	68.5					
12/8/2023	63.4	63.5	63.4	63.7	69.9					
12/9/2023	62.1	62.7	61.9	62.4	69.8					
12/10/2023	62.1	62.1	62.1	62.1	68.5					
12/11/2023	63.4	63.5	63.0	64.4	70.0					
12/12/2023	66.5	65.1	66.1	67.5	72.0					
12/13/2023	66.5	65.7	66.6	66.3	72.3					
12/14/2023	66.6	70.0	66.8	65.9	75.8					
12/15/2023	67.2	65.9	67.1	67.7	72.7					
12/16/2023	66.1	64.2	*	65.8	*			*		*
12/17/2023	64.8	65.2	64.9	64.5	71.5					
12/18/2023	65.2	66.5	65.1	65.6	72.6					
12/19/2023	68.9	66.6	68.1	70.8	73.9					
12/20/2023	68.1	67.2	68.5	66.8	73.7					
12/21/2023	64.9	65.6	65.3	63.7	71.8					
12/22/2023	65.2	68.9	65.3	64.5	74.9					
12/23/2023	*	65.5	*	62.8	*	*		*		*
12/24/2023	62.3	61.9	62.6	61.4	68.5					
12/25/2023	62.9	61.0	63.1	62.6	68.3					
12/26/2023	63.0	63.9	63.0	63.1	70.1					
12/27/2023	64.0	63.1	64.1	63.6	69.7					
12/28/2023	64.2	65.6	64.6	62.8	71.6					
12/29/2023	63.1	62.7	62.4	64.6	69.4					
12/30/2023	64.3	65.5	64.2	64.4	71.7					
12/31/2023	61.6	63.9	61.9	60.6	69.8					
<b>Sum</b>	<b>64.7</b>	<b>64.9</b>	<b>64.7</b>	<b>64.8</b>	<b>71.4</b>					

\* Availability < 50%

**Equivalent Continuous Sound Level**

**MP04 NMTBOJ004**

**December 2023**



	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
12/1/2023	*	*	*	*	*	*	*	*	*	*
12/2/2023	*	*	*	*	*	*	*	*	*	*
12/3/2023	*	*	*	*	*	*	*	*	*	*
12/4/2023	*	*	*	*	*	*	*	*	*	*
12/5/2023	*	*	*	*	*	*	*	*	*	*
12/6/2023	*	*	*	*	*	*	*	*	*	*
12/7/2023	*	*	*	*	*	*	*	*	*	*
12/8/2023	*	*	*	*	*	*	*	*	*	*
12/9/2023	*	*	*	*	*	*	*	*	*	*
12/10/2023	*	*	*	*	*	*	*	*	*	*
12/11/2023	*	*	*	*	*	*	*	*	*	*
12/12/2023	*	*	*	*	*	*	*	*	*	*
12/13/2023	*	*	*	*	*	*	*	*	*	*
12/14/2023	*	*	*	*	*	*	*	*	*	*
12/15/2023	*	*	*	*	*	*	*	*	*	*
12/16/2023	*	*	*	*	*	*	*	*	*	*
12/17/2023	*	*	*	*	*	*	*	*	*	*
12/18/2023	*	*	*	*	*	*	*	*	*	*
12/19/2023	*	*	*	*	*	*	*	*	*	*
12/20/2023	*	*	*	*	*	*	*	*	*	*
12/21/2023	*	*	*	*	*	*	*	*	*	*
12/22/2023	*	*	*	*	*	*	*	*	*	*
12/23/2023	*	*	*	*	*	*	*	*	*	*
12/24/2023	*	*	*	*	*	*	*	*	*	*
12/25/2023	*	*	*	*	*	*	*	*	*	*
12/26/2023	*	*	*	*	*	*	*	*	*	*
12/27/2023	*	*	*	*	*	*	*	*	*	*
12/28/2023	*	*	*	*	*	*	*	*	*	*
12/29/2023	*	*	*	*	*	*	*	*	*	*
12/30/2023	*	*	*	*	*	*	*	*	*	*
12/31/2023	*	*	*	*	*	*	*	*	*	*
Sum	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%



NMT Statistics  
 MP01 NMTBOJ001  
 October 2023

	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
10/1/2023	26	0	22	22	0.0	0.0	85.3	TW	57.4	57.4		52.6	
10/2/2023	4	0	18	18	0.0	0.0	99.9		57.6	57.6		53.3	
10/3/2023	30	1	18	18	5.6	3.3	99.9		59.2	59.2	31.3	49.8	63.7
10/4/2023	20	0	11	11	0.0	0.0	97.8	TW	58.7	58.7		53.2	
10/5/2023	8	2	20	20	10.0	25.0	99.9		57.4	57.4	27.4	52.0	63.8
10/6/2023	13	0	25	25	0.0	0.0	99.9		58.3	58.3		53.8	
10/7/2023	11	0	29	29	0.0	0.0	99.9		57.3	57.3		52.4	
10/8/2023	4	0	12	12	0.0	0.0	66.6	TW	58.5	58.5		53.2	
10/9/2023	26	3	13	13	23.1	11.5	89.4	TW	61.9	61.9	37.4	55.5	68.9
10/10/2023	27	0	16	16	0.0	0.0	99.9		60.1	60.1		52.9	
10/11/2023	10	1	8	8	12.5	10.0	99.9		56.6	56.6	22.9	51.4	63.7
10/12/2023	25	0	15	15	0.0	0.0	99.9		60.0	60.0		52.4	
10/13/2023	35	0	16	16	0.0	0.0	99.9		58.0	58.0		54.0	
10/14/2023	19	0	23	23	0.0	0.0	99.9		58.4	58.4		53.9	
10/15/2023	44	1	18	18	5.6	2.3	99.9		59.4	59.3	31.7	54.8	63.2
10/16/2023	39	0	18	18	0.0	0.0	85.3	TW	61.2	61.2		56.8	
10/17/2023	23	0	13	13	0.0	0.0	99.9		61.4	61.4		56.9	
10/18/2023	59	0	9	9	0.0	0.0	99.9		60.7	60.7		55.5	
10/19/2023	89	0	17	17	0.0	0.0	99.8		61.0	61.0		54.5	
10/20/2023	9	1	16	16	6.3	11.1	68.5	TW	61.9	61.9	29.5	56.7	63.3
10/21/2023	19	0	23	23	0.0	0.0	58.2	TW	60.4	60.4		53.1	
10/22/2023	25	0	13	13	0.0	0.0	99.9		60.5	60.5		55.0	
10/23/2023	22	0	12	12	0.0	0.0	99.7		61.2	61.2		53.3	
10/24/2023	163	8	15	15	53.3	4.9	99.9		64.5	64.4	45.9	54.9	76.0
10/25/2023	79	0	9	9	0.0	0.0	81.1	TW	61.4	61.4		52.5	
10/26/2023	44	2	15	15	13.3	4.5	91.5	TW	61.3	61.3	31.5	56.1	68.9
10/27/2023	34	1	16	16	6.3	2.9	74.9	TW	61.8	61.8	26.7	57.2	64.0
10/28/2023	26	1	17	17	5.9	3.8	93.6	TW	61.8	61.8	35.4	52.2	69.5
10/29/2023	29	0	1	1	0.0	0.0	99.7		60.0	60.0		54.9	
10/30/2023	40	0	2	2	0.0	0.0	99.7		61.7	61.7		53.1	
10/31/2023	27	0	5	5	0.0	0.0	98.7	T	60.9	60.9		56.1	
<b>Sum</b>	<b>1029</b>	<b>21</b>	<b>465</b>	<b>465</b>	<b>4.5</b>	<b>2.0</b>	<b>93.2</b>	<b>TW</b>	<b>60.4</b>	<b>60.3</b>	<b>32.6</b>	<b>49.8</b>	<b>76.0</b>

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%

**NMT Statistics**  
**MP02 NMTBOJ002**  
**October 2023**



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
10/1/2023	0	0	22	9	0.0		0.0	T	*	*	*		
10/2/2023	0	0	18	9	0.0		0.0	T	*	*	*		
10/3/2023	0	0	18	8	0.0		0.0	T	*	*	*		
10/4/2023	0	0	11	6	0.0		0.0	T	*	*	*		
10/5/2023	0	0	20	7	0.0		0.0	T	*	*	*		
10/6/2023	0	0	25	9	0.0		0.0	T	*	*	*		
10/7/2023	0	0	29	4	0.0		0.0	T	*	*	*		
10/8/2023	0	0	12	6	0.0		0.0	T	*	*	*		
10/9/2023	0	0	13	7	0.0		0.0	T	*	*	*		
10/10/2023	0	0	16	8	0.0		0.0	T	*	*	*		
10/11/2023	0	0	8	5	0.0		0.0	T	*	*	*		
10/12/2023	0	0	15	7	0.0		0.0	T	*	*	*		
10/13/2023	0	0	16	5	0.0		0.0	T	*	*	*		
10/14/2023	0	0	23	9	0.0		0.0	T	*	*	*		
10/15/2023	0	0	18	5	0.0		0.0	T	*	*	*		
10/16/2023	0	0	18	10	0.0		0.0	T	*	*	*		
10/17/2023	0	0	13	4	0.0		0.0	T	*	*	*		
10/18/2023	0	0	9	4	0.0		0.0	T	*	*	*		
10/19/2023	0	0	17	6	0.0		0.0	T	*	*	*		
10/20/2023	0	0	16	6	0.0		0.0	T	*	*	*		
10/21/2023	0	0	23	13	0.0		0.0	T	*	*	*		
10/22/2023	0	0	13	5	0.0		0.0	T	*	*	*		
10/23/2023	0	0	12	6	0.0		0.0	T	*	*	*		
10/24/2023	0	0	15	4	0.0		0.0	T	*	*	*		
10/25/2023	0	0	9	5	0.0		0.0	T	*	*	*		
10/26/2023	0	0	15	8	0.0		0.0	T	*	*	*		
10/27/2023	0	0	16	8	0.0		0.0	T	*	*	*		
10/28/2023	0	0	17	5	0.0		0.0	T	*	*	*		
10/29/2023	0	0	1	0	0.0		0.0	T	*	*	*		
10/30/2023	0	0	2	0	0.0		0.0	T	*	*	*		
10/31/2023	0	0	5	2	0.0		0.0	T	*	*	*		
Sum	0	0	465	190	0.0		0.0	T	*	*	*		

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%

NMT Statistics

MP03 NMTBOJ003

October 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		Leq [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
10/1/2023	0	0	22	9	0.0		85.3	TW	64.8	64.8		60.3	
10/2/2023	0	0	18	9	0.0		99.9		65.8	65.8		60.1	
10/3/2023	0	0	18	8	0.0		99.9		65.8	65.8		60.3	
10/4/2023	0	0	11	6	0.0		97.8	TW	66.6	66.6		60.3	
10/5/2023	0	0	20	7	0.0		99.9		63.4	63.4		58.9	
10/6/2023	0	0	25	9	0.0		99.9		61.8	61.8		58.7	
10/7/2023	0	0	29	4	0.0		99.9		62.4	62.4		58.9	
10/8/2023	0	0	12	6	0.0		66.6	TW	63.5	63.5		58.9	
10/9/2023	0	0	13	7	0.0		89.4	TW	61.9	61.9		59.2	
10/10/2023	0	0	16	8	0.0		99.9		64.1	64.1		59.8	
10/11/2023	0	0	8	5	0.0		0.0	T	*	*	*		
10/12/2023	0	0	15	7	0.0		0.0	T	*	*	*		
10/13/2023	0	0	16	5	0.0		0.0	T	*	*	*		
10/14/2023	2	0	23	9	0.0	0.0	99.7		61.9	61.9		57.1	
10/15/2023	1	0	18	5	0.0	0.0	99.9		61.4	61.4		57.3	
10/16/2023	1	0	18	10	0.0	0.0	85.3	TW	62.3	62.3		57.4	
10/17/2023	0	0	13	4	0.0		99.9		62.3	62.3		58.5	
10/18/2023	0	0	9	4	0.0		99.9		63.0	63.0		57.6	
10/19/2023	0	0	17	6	0.0		99.9		63.5	63.5		57.5	
10/20/2023	0	0	16	6	0.0		68.6	TW	65.0	65.0		59.1	
10/21/2023	0	0	23	13	0.0		58.2	TW	64.6	64.6		60.7	
10/22/2023	0	0	13	5	0.0		99.9		64.7	64.7		60.0	
10/23/2023	0	0	12	6	0.0		99.9		65.7	65.7		61.8	
10/24/2023	0	0	15	4	0.0		99.9		65.0	65.0		60.3	
10/25/2023	0	0	9	5	0.0		81.1	TW	64.3	64.3		58.2	
10/26/2023	0	0	15	8	0.0		91.6	TW	64.0	64.0		58.3	
10/27/2023	0	0	16	8	0.0		75.0	TW	65.0	65.0		59.1	
10/28/2023	0	0	17	5	0.0		93.6	TW	65.3	65.3		58.0	
10/29/2023	0	0	1	0			99.9		65.2	65.2		59.3	
10/30/2023	0	0	2	0			99.9		65.1	65.1		59.3	
10/31/2023	0	0	5	2	0.0		99.9		65.0	65.0		59.5	
Sum	4	0	465	190	0.0	0.0	83.6	TW	64.3	64.3		57.1	

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%



**NMT Statistics**  
**MP04 NMTBOJ004**  
**October 2023**



	Noise Events		Flights		N1/N2	N1/N3	Availability		Leq [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
10/1/2023	0	0	22	9	0.0		0.0	T	*	*	*		
10/2/2023	0	0	18	9	0.0		0.0	T	*	*	*		
10/3/2023	0	0	18	8	0.0		0.0	T	*	*	*		
10/4/2023	0	0	11	6	0.0		0.0	T	*	*	*		
10/5/2023	0	0	20	7	0.0		0.0	T	*	*	*		
10/6/2023	0	0	25	9	0.0		0.0	T	*	*	*		
10/7/2023	0	0	29	4	0.0		0.0	T	*	*	*		
10/8/2023	0	0	12	6	0.0		0.0	T	*	*	*		
10/9/2023	0	0	13	7	0.0		0.0	T	*	*	*		
10/10/2023	0	0	16	8	0.0		0.0	T	*	*	*		
10/11/2023	0	0	8	5	0.0		0.0	T	*	*	*		
10/12/2023	0	0	15	7	0.0		0.0	T	*	*	*		
10/13/2023	0	0	16	5	0.0		0.0	T	*	*	*		
10/14/2023	0	0	23	9	0.0		0.0	T	*	*	*		
10/15/2023	0	0	18	5	0.0		0.0	T	*	*	*		
10/16/2023	0	0	18	10	0.0		0.0	T	*	*	*		
10/17/2023	0	0	13	4	0.0		0.0	T	*	*	*		
10/18/2023	0	0	9	4	0.0		0.0	T	*	*	*		
10/19/2023	0	0	17	6	0.0		0.0	T	*	*	*		
10/20/2023	0	0	16	6	0.0		0.0	T	*	*	*		
10/21/2023	0	0	23	13	0.0		0.0	T	*	*	*		
10/22/2023	0	0	13	5	0.0		0.0	T	*	*	*		
10/23/2023	0	0	12	6	0.0		0.0	T	*	*	*		
10/24/2023	0	0	15	4	0.0		0.0	T	*	*	*		
10/25/2023	0	0	9	5	0.0		0.0	T	*	*	*		
10/26/2023	0	0	15	8	0.0		0.0	T	*	*	*		
10/27/2023	0	0	16	8	0.0		0.0	T	*	*	*		
10/28/2023	0	0	17	5	0.0		0.0	T	*	*	*		
10/29/2023	0	0	1	0			0.0	T	*	*	*		
10/30/2023	0	0	2	0			0.0	T	*	*	*		
10/31/2023	0	0	5	2	0.0		0.0	T	*	*	*		
Sum	0	0	465	190	0.0		0.0	T	*	*	*		

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%

NMT Statistics

MP01 NMTBOJ001

November 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		Leq [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
11/1/2023	4	0	3	3	0.0	0.0	99.8		59.0	59.0		56.0	
11/2/2023	0	0	10	10	0.0		0.0	T	*	*	*		
11/3/2023	0	0	5	5	0.0		0.0	T	*	*	*		
11/4/2023	0	0	4	4	0.0		0.0	T	*	*	*		
11/5/2023	0	0	4	4	0.0		0.0	T	*	*	*		
11/6/2023	0	0	6	6	0.0		0.0	T	*	*	*		
11/7/2023	0	0	5	5	0.0		0.0	T	*	*	*		
11/8/2023	0	0	5	5	0.0		0.0	T	*	*	*		
11/9/2023	0	0	0	0			0.0	T	*	*	*		
11/10/2023	0	0	3	3	0.0		0.0	T	*	*	*		
11/11/2023	0	0	4	4	0.0		0.0	T	*	*	*		
11/12/2023	0	0	4	4	0.0		0.0	T	*	*	*		
11/13/2023	0	0	4	4	0.0		0.0	T	*	*	*		
11/14/2023	0	0	3	3	0.0		0.0	T	*	*	*		
11/15/2023	0	0	4	4	0.0		0.0	T	*	*	*		
11/16/2023	0	0	4	4	0.0		0.0	T	*	*	*		
11/17/2023	0	0	4	4	0.0		0.0	T	*	*	*		
11/18/2023	0	0	0	0			0.0	T	*	*	*		
11/19/2023	0	0	6	6	0.0		0.0	T	*	*	*		
11/20/2023	0	0	4	4	0.0		0.0	T	*	*	*		
11/21/2023	0	0	2	2	0.0		0.0	T	*	*	*		
11/22/2023	0	0	4	4	0.0		0.0	T	*	*	*		
11/23/2023	0	0	3	3	0.0		0.0	T	*	*	*		
11/24/2023	0	0	10	10	0.0		0.0	T	*	*	*		
11/25/2023	0	0	3	3	0.0		0.0	T	*	*	*		
11/26/2023	0	0	5	5	0.0		0.0	T	*	*	*		
11/27/2023	0	0	6	6	0.0		0.0	T	*	*	*		
11/28/2023	0	0	4	4	0.0		0.0	T	*	*	*		
11/29/2023	0	0	9	9	0.0		0.0	T	*	*	*		
11/30/2023	0	0	3	3	0.0		0.0	T	*	*	*		
Sum	4	0	131	131	0.0	0.0	3.3	T	*	*	*	56.0	

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%

**NMT Statistics**  
**MP02 NMTBOJ002**  
**November 2023**



	Noise Events		Flights		N1/N2	N1/N3	Availability		Leq [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
11/1/2023	0	0	3	1	0.0		0.0	T	*	*	*		
11/2/2023	0	0	10	4	0.0		0.0	T	*	*	*		
11/3/2023	0	0	5	2	0.0		0.0	T	*	*	*		
11/4/2023	0	0	4	1	0.0		0.0	T	*	*	*		
11/5/2023	0	0	4	1	0.0		0.0	T	*	*	*		
11/6/2023	0	0	6	3	0.0		0.0	T	*	*	*		
11/7/2023	0	0	5	1	0.0		0.0	T	*	*	*		
11/8/2023	0	0	5	2	0.0		0.0	T	*	*	*		
11/9/2023	0	0	0	0			0.0	T	*	*	*		
11/10/2023	0	0	3	0			0.0	T	*	*	*		
11/11/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/12/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/13/2023	0	0	4	1	0.0		0.0	T	*	*	*		
11/14/2023	0	0	3	2	0.0		0.0	T	*	*	*		
11/15/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/16/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/17/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/18/2023	0	0	0	0			0.0	T	*	*	*		
11/19/2023	0	0	6	4	0.0		0.0	T	*	*	*		
11/20/2023	0	0	4	1	0.0		0.0	T	*	*	*		
11/21/2023	0	0	2	1	0.0		0.0	T	*	*	*		
11/22/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/23/2023	0	0	3	1	0.0		0.0	T	*	*	*		
11/24/2023	0	0	10	4	0.0		0.0	T	*	*	*		
11/25/2023	0	0	3	1	0.0		0.0	T	*	*	*		
11/26/2023	0	0	5	3	0.0		0.0	T	*	*	*		
11/27/2023	0	0	6	3	0.0		0.0	T	*	*	*		
11/28/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/29/2023	0	0	9	3	0.0		0.0	T	*	*	*		
11/30/2023	0	0	3	1	0.0		0.0	T	*	*	*		
Sum	0	0	131	54	0.0		0.0	T	*	*	*		

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%

## NMT Statistics

MP03 NMTBOJ003

November 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		Leq [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
11/1/2023	0	0	3	1	0.0		99.9		64.9	64.9		59.2	
11/2/2023	0	0	10	4	0.0		99.9		66.0	66.0		60.0	
11/3/2023	0	0	5	2	0.0		97.8	TW	65.4	65.4		59.3	
11/4/2023	0	0	4	1	0.0		89.5	TW	66.2	66.2		59.3	
11/5/2023	0	0	4	1	0.0		87.4	TW	66.1	66.1		59.3	
11/6/2023	0	0	6	3	0.0		99.9		67.3	67.3		61.5	
11/7/2023	0	0	5	1	0.0		99.9		66.0	66.0		60.4	
11/8/2023	0	0	5	2	0.0		97.8	TW	65.1	65.1		60.0	
11/9/2023	0	0	0	0			99.9		65.5	65.5		60.6	
11/10/2023	0	0	3	0			0.0	T	*	*	*		
11/11/2023	0	0	4	2	0.0		99.7		65.0	65.0		60.0	
11/12/2023	0	0	4	2	0.0		99.9		63.9	63.9		59.6	
11/13/2023	0	0	4	1	0.0		99.9		65.6	65.6		61.4	
11/14/2023	0	0	3	2	0.0		99.9		65.5	65.5		60.5	
11/15/2023	0	0	4	2	0.0		99.9		64.3	64.3		60.2	
11/16/2023	0	0	4	2	0.0		91.6	TW	64.2	64.2		60.1	
11/17/2023	0	0	4	2	0.0		99.9		65.0	65.0		60.0	
11/18/2023	0	0	0	0			41.6	TW	*	*	*	60.8	
11/19/2023	0	0	6	4	0.0		0.0	T	*	*	*		
11/20/2023	0	0	4	1	0.0		0.0	T	*	*	*		
11/21/2023	0	0	2	1	0.0		0.0	T	*	*	*		
11/22/2023	0	0	4	2	0.0		99.7		64.4	64.4		60.9	
11/23/2023	0	0	3	1	0.0		99.9		63.7	63.7		59.9	
11/24/2023	0	0	10	4	0.0		0.0	T	*	*	*		
11/25/2023	0	0	3	1	0.0		0.0	T	*	*	*		
11/26/2023	0	0	5	3	0.0		0.0	T	*	*	*		
11/27/2023	0	0	6	3	0.0		0.0	T	*	*	*		
11/28/2023	0	0	4	2	0.0		99.9		63.7	63.7		58.9	
11/29/2023	0	0	9	3	0.0		97.6	TW	64.6	64.6		59.9	
11/30/2023	0	0	3	1	0.0		99.9		62.9	62.9		58.6	
Sum	0	0	131	54	0.0		70.0	TW	65.1	65.1		58.6	

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%



**NMT Statistics**  
**MP04 NMTBOJ004**  
**November 2023**



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
11/1/2023	0	0	3	1	0.0		0.0	T	*	*	*		
11/2/2023	0	0	10	4	0.0		0.0	T	*	*	*		
11/3/2023	0	0	5	2	0.0		0.0	T	*	*	*		
11/4/2023	0	0	4	1	0.0		0.0	T	*	*	*		
11/5/2023	0	0	4	1	0.0		0.0	T	*	*	*		
11/6/2023	0	0	6	3	0.0		0.0	T	*	*	*		
11/7/2023	0	0	5	1	0.0		0.0	T	*	*	*		
11/8/2023	0	0	5	2	0.0		0.0	T	*	*	*		
11/9/2023	0	0	0	0			0.0	T	*	*	*		
11/10/2023	0	0	3	0			0.0	T	*	*	*		
11/11/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/12/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/13/2023	0	0	4	1	0.0		0.0	T	*	*	*		
11/14/2023	0	0	3	2	0.0		0.0	T	*	*	*		
11/15/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/16/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/17/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/18/2023	0	0	0	0			0.0	T	*	*	*		
11/19/2023	0	0	6	4	0.0		0.0	T	*	*	*		
11/20/2023	0	0	4	1	0.0		0.0	T	*	*	*		
11/21/2023	0	0	2	1	0.0		0.0	T	*	*	*		
11/22/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/23/2023	0	0	3	1	0.0		0.0	T	*	*	*		
11/24/2023	0	0	10	4	0.0		0.0	T	*	*	*		
11/25/2023	0	0	3	1	0.0		0.0	T	*	*	*		
11/26/2023	0	0	5	3	0.0		0.0	T	*	*	*		
11/27/2023	0	0	6	3	0.0		0.0	T	*	*	*		
11/28/2023	0	0	4	2	0.0		0.0	T	*	*	*		
11/29/2023	0	0	9	3	0.0		0.0	T	*	*	*		
11/30/2023	0	0	3	1	0.0		0.0	T	*	*	*		
Sum	0	0	131	54	0.0		0.0	T	*	*	*		

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%

NMT Statistics  
 MP01 NMTBOJ001  
 December 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		Leq [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
12/1/2023	0	0	7	7	0.0		0.0	T	*	*	*		
12/2/2023	0	0	2	2	0.0		0.0	T	*	*	*		
12/3/2023	0	0	0	0			0.0	T	*	*	*		
12/4/2023	0	0	8	8	0.0		0.0	T	*	*	*		
12/5/2023	0	0	2	2	0.0		0.0	T	*	*	*		
12/6/2023	0	0	6	6	0.0		0.0	T	*	*	*		
12/7/2023	0	0	3	3	0.0		0.0	T	*	*	*		
12/8/2023	0	0	4	4	0.0		0.0	T	*	*	*		
12/9/2023	0	0	1	1	0.0		0.0	T	*	*	*		
12/10/2023	0	0	4	4	0.0		0.0	T	*	*	*		
12/11/2023	0	0	4	4	0.0		0.0	T	*	*	*		
12/12/2023	0	0	5	5	0.0		0.0	T	*	*	*		
12/13/2023	0	0	6	6	0.0		0.0	T	*	*	*		
12/14/2023	0	0	2	2	0.0		0.0	T	*	*	*		
12/15/2023	0	0	8	8	0.0		0.0	T	*	*	*		
12/16/2023	0	0	3	3	0.0		0.0	T	*	*	*		
12/17/2023	0	0	5	5	0.0		0.0	T	*	*	*		
12/18/2023	0	0	6	6	0.0		0.0	T	*	*	*		
12/19/2023	0	0	7	7	0.0		0.0	T	*	*	*		
12/20/2023	0	0	4	4	0.0		0.0	T	*	*	*		
12/21/2023	0	0	8	8	0.0		0.0	T	*	*	*		
12/22/2023	0	0	9	9	0.0		0.0	T	*	*	*		
12/23/2023	0	0	2	2	0.0		0.0	T	*	*	*		
12/24/2023	0	0	5	5	0.0		0.0	T	*	*	*		
12/25/2023	0	0	6	6	0.0		0.0	T	*	*	*		
12/26/2023	0	0	0	0			0.0	T	*	*	*		
12/27/2023	0	0	3	3	0.0		0.0	T	*	*	*		
12/28/2023	0	0	6	6	0.0		0.0	T	*	*	*		
12/29/2023	0	0	12	12	0.0		0.0	T	*	*	*		
12/30/2023	0	0	4	4	0.0		0.0	T	*	*	*		
12/31/2023	0	0	0	0			0.0	T	*	*	*		
Sum	0	0	142	142	0.0		0.0	T	*	*	*		

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%

NMT Statistics

MP02 NMTBOJ002

December 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
12/1/2023	0	0	7	3	0.0		0.0	T	*	*	*		
12/2/2023	0	0	2	1	0.0		0.0	T	*	*	*		
12/3/2023	0	0	0	0			0.0	T	*	*	*		
12/4/2023	0	0	8	3	0.0		0.0	T	*	*	*		
12/5/2023	0	0	2	1	0.0		0.0	T	*	*	*		
12/6/2023	0	0	6	1	0.0		0.0	T	*	*	*		
12/7/2023	0	0	3	0			0.0	T	*	*	*		
12/8/2023	0	0	4	2	0.0		0.0	T	*	*	*		
12/9/2023	0	0	1	1	0.0		0.0	T	*	*	*		
12/10/2023	0	0	4	1	0.0		0.0	T	*	*	*		
12/11/2023	0	0	4	2	0.0		0.0	T	*	*	*		
12/12/2023	0	0	5	0			0.0	T	*	*	*		
12/13/2023	0	0	6	1	0.0		0.0	T	*	*	*		
12/14/2023	0	0	2	0			0.0	T	*	*	*		
12/15/2023	0	0	8	5	0.0		0.0	T	*	*	*		
12/16/2023	0	0	3	2	0.0		0.0	T	*	*	*		
12/17/2023	0	0	5	1	0.0		0.0	T	*	*	*		
12/18/2023	0	0	6	3	0.0		0.0	T	*	*	*		
12/19/2023	0	0	7	3	0.0		0.0	T	*	*	*		
12/20/2023	0	0	4	2	0.0		0.0	T	*	*	*		
12/21/2023	0	0	8	3	0.0		0.0	T	*	*	*		
12/22/2023	0	0	9	4	0.0		0.0	T	*	*	*		
12/23/2023	0	0	2	1	0.0		0.0	T	*	*	*		
12/24/2023	0	0	5	2	0.0		0.0	T	*	*	*		
12/25/2023	0	0	6	3	0.0		0.0	T	*	*	*		
12/26/2023	0	0	0	0			0.0	T	*	*	*		
12/27/2023	0	0	3	1	0.0		0.0	T	*	*	*		
12/28/2023	0	0	6	4	0.0		0.0	T	*	*	*		
12/29/2023	0	0	12	6	0.0		0.0	T	*	*	*		
12/30/2023	0	0	4	2	0.0		0.0	T	*	*	*		
12/31/2023	0	0	0	0			0.0	T	*	*	*		
Sum	0	0	142	58	0.0		0.0	T	*	*	*		

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%

**NMT Statistics**  
**MP03 NMTBOJ003**



**December 2023**

	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
12/1/2023	0	0	7	3	0.0		91.6	TW	62.5	62.5		58.1	
12/2/2023	0	0	2	1	0.0		49.9	TW	*	*	*	59.5	
12/3/2023	0	0	0	0			85.3	TW	62.4	62.4		58.9	
12/4/2023	0	0	8	3	0.0		85.3	TW	62.9	62.9		58.5	
12/5/2023	0	0	2	1	0.0		99.9		62.4	62.4		57.8	
12/6/2023	0	0	6	1	0.0		99.9		63.3	63.3		58.7	
12/7/2023	0	0	3	0			95.7	TW	62.4	62.4		57.9	
12/8/2023	0	0	4	2	0.0		99.9		63.5	63.5		58.7	
12/9/2023	0	0	1	1	0.0		79.1	TW	62.3	62.3		58.1	
12/10/2023	0	0	4	1	0.0		99.9		62.1	62.1		57.9	
12/11/2023	0	0	4	2	0.0		99.9		63.5	63.5		58.7	
12/12/2023	0	0	5	0			99.9		66.1	66.1		59.5	
12/13/2023	0	0	6	1	0.0		99.9		66.3	66.3		60.9	
12/14/2023	0	0	2	0			99.9		68.0	68.0		61.2	
12/15/2023	0	0	8	5	0.0		99.9		66.8	66.8		60.1	
12/16/2023	0	0	3	2	0.0		70.7	TW	65.4	65.4		60.6	
12/17/2023	0	0	5	1	0.0		99.9		64.9	64.9		60.7	
12/18/2023	0	0	6	3	0.0		99.9		65.7	65.7		61.0	
12/19/2023	0	0	7	3	0.0		99.9		68.3	68.3		61.0	
12/20/2023	0	0	4	2	0.0		99.9		67.8	67.8		61.1	
12/21/2023	0	0	8	3	0.0		99.9		65.2	65.2		58.5	
12/22/2023	0	0	9	4	0.0		93.6	TW	66.9	66.9		59.8	
12/23/2023	0	0	2	1	0.0		54.1	TW	64.6	64.6		59.6	
12/24/2023	0	0	5	2	0.0		95.7	TW	62.2	62.2		58.1	
12/25/2023	0	0	6	3	0.0		87.4	TW	62.3	62.3		58.0	
12/26/2023	0	0	0	0			99.9		63.3	63.3		58.6	
12/27/2023	0	0	3	1	0.0		99.9		63.7	63.7		58.4	
12/28/2023	0	0	6	4	0.0		99.9		64.7	64.7		59.3	
12/29/2023	0	0	12	6	0.0		99.9		63.0	63.0		58.2	
12/30/2023	0	0	4	2	0.0		99.9		64.7	64.7		58.9	
12/31/2023	3	0	0	0		0.0	99.8		62.5	62.5		56.8	
Sum	3	0	142	58	0.0	0.0	93.1	TW	64.8	64.8		56.8	

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%



**NMT Statistics**  
**MP04 NMTBOJ004**  
**December 2023**



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
12/1/2023	0	0	7	3	0.0		0.0	T	*	*	*		
12/2/2023	0	0	2	1	0.0		0.0	T	*	*	*		
12/3/2023	0	0	0	0			0.0	T	*	*	*		
12/4/2023	0	0	8	3	0.0		0.0	T	*	*	*		
12/5/2023	0	0	2	1	0.0		0.0	T	*	*	*		
12/6/2023	0	0	6	1	0.0		0.0	T	*	*	*		
12/7/2023	0	0	3	0			0.0	T	*	*	*		
12/8/2023	0	0	4	2	0.0		0.0	T	*	*	*		
12/9/2023	0	0	1	1	0.0		0.0	T	*	*	*		
12/10/2023	0	0	4	1	0.0		0.0	T	*	*	*		
12/11/2023	0	0	4	2	0.0		0.0	T	*	*	*		
12/12/2023	0	0	5	0			0.0	T	*	*	*		
12/13/2023	0	0	6	1	0.0		0.0	T	*	*	*		
12/14/2023	0	0	2	0			0.0	T	*	*	*		
12/15/2023	0	0	8	5	0.0		0.0	T	*	*	*		
12/16/2023	0	0	3	2	0.0		0.0	T	*	*	*		
12/17/2023	0	0	5	1	0.0		0.0	T	*	*	*		
12/18/2023	0	0	6	3	0.0		0.0	T	*	*	*		
12/19/2023	0	0	7	3	0.0		0.0	T	*	*	*		
12/20/2023	0	0	4	2	0.0		0.0	T	*	*	*		
12/21/2023	0	0	8	3	0.0		0.0	T	*	*	*		
12/22/2023	0	0	9	4	0.0		0.0	T	*	*	*		
12/23/2023	0	0	2	1	0.0		0.0	T	*	*	*		
12/24/2023	0	0	5	2	0.0		0.0	T	*	*	*		
12/25/2023	0	0	6	3	0.0		0.0	T	*	*	*		
12/26/2023	0	0	0	0			0.0	T	*	*	*		
12/27/2023	0	0	3	1	0.0		0.0	T	*	*	*		
12/28/2023	0	0	6	4	0.0		0.0	T	*	*	*		
12/29/2023	0	0	12	6	0.0		0.0	T	*	*	*		
12/30/2023	0	0	4	2	0.0		0.0	T	*	*	*		
12/31/2023	0	0	0	0			0.0	T	*	*	*		
Sum	0	0	142	58	0.0		0.0	T	*	*	*		

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%

Примечание 4, 5, 6



**Burgas Airport**

Reference Level Exceedances  
**October 2023 - December 2023**

ATA/ATD	Flight Number	A/D	Runway	Aircraft Type	MP01	MP02	MP03	MP04
					LASmax	LASmax	LASmax	LASmax

# **ТРИМЕСЕЧЕН ДОКЛАД ЗА**

## **ПЕРИОДА ОКТОМВРИ - ДЕКЕМВРИ 2023 ГОДИНА**

### **РЕЗУЛТАТИ**

#### **ОТ СОБСТВЕНИТЕ НЕПРЕКЪСНАТИ ИЗМЕРВАНИЯ НА ШУМА, ДАВАЩИ ПРЕДСТАВА ЗА АКУСТИЧНОТО СЪСТОЯНИЕ НА РАЙОНИ, РАЗПОЛОЖЕНИ В БЛИЗОСТ ДО ЛЕТИЩЕ ВАРНА**

Настоящата информация е изготвена в съответствие с чл. 31 от Наредба № 54/13.12.2010 г. за дейността на националната система за мониторинг на шума в околната среда и за изискванията за провеждане на собствен мониторинг и предоставяне на информация от промишлените източници на шум в околната среда.

#### **1. Собственик или ползвател, име и адрес на летището - източник на шум:**

Ползвател: **“Фрапорт Туин Стар Еърпорт Мениджмънт” АД - концесионер на летища Варна и Бургас**

Адрес: град Варна, летище Варна

#### **2. Лице за контакти**

Мая Христова, Експерт “Интегрирани системи за управление”, звено “Интегрирани ситеми за управление и Медицинско осигуряване”, Централно управление, тел. 056/870 279

#### **3. Типове въздухоплавателни средства, опериращи на летище Варна.**

В Приложение № 1 към настоящия доклад “Справка за броя на изпълнените самолетодвижения от/до летище Варна по редовни линии и сезонни чартърни линии за периода октомври - декември 2023 година” са дадени типа и модификацията на въздухоплавателните средства (ВС), изпълняващи редовни полети по разписание и сезонни чартърни линии от/до летище Варна.

#### **4. Денонощни нива на шума, разпределени по дни от месеците.**

Системата за мониторинг на шума бе въведена в експлоатация в началото на активен летен сезон на 2011 г. Тя се състои от четири стационарни терминала, чието разположение е съобразено с прогнозния шумов контур  $L_{Aeq}$  60-65 dB (A) на летище Варна за 2009/2010 г. Извършени бяха предпроектни натурни измервания от екип от специалисти по “Акустика” на Института по въздушен транспорт, посредством мобилни акустични станции, по предварително определени локации, съответстващи на разположението на въздушните трасета за отлитане и долитане.



Системата за мониторинг на шума е инсталирана от един от световните лидери в тази област - "Топсоник Системхаус" ГМБХ - Германия. Инсталацията е една от най-модерните системи, разработена по съвременни технологии за регистриране на шумови събития. Измерването става посредством специални терминални станции с вграден микрофон, конфигурирани на база разположението на въздушните коридори. Данните, получени от измерванията се актуализират на всяка половин до една секунда. Системата съхранява информация в база данни, изчислява параметрите за шум, регистрира показателите не само по отношение на кацащите и излитащите самолети, но и на прелитащите над конкретния район.

Местоположенията на терминалите са както следва:

**Терминал 1** - комплекс "Младост", ул. "Мечтание"/43 ЦДГ "Синчец", покрив на сградата на детска градина;

**Терминал 2** - комплекс "Трошево", ул. "Милосърдие" № 10/45 ЦДГ "Пролет", покрив на сградата на детска градина;

**Терминал 3** - ОУ "Цар Симеон", покрив на училището;

**Терминал 4** - 7 СОУ "Найден Геров", покрив на училището;



#### Акустичното състояние на райони, разположени в близост до летище Варна

Акустичното състояние за четвърто тримесечие на 2023 г. за районите, разположени в близост до летище Варна, където са инсталирани и стационарните терминали за мониторинг на шума е представено в табличен вид (Приложение № 2).

Табличните резултати предоставят информация за разглежданите три месеца и дават разпределението на еквивалентните денонощни нива на шума за 24 часа  $L_{eq} / 24h$  непрекъснат период на измерване. В Приложение № 2 са посочени регистрираните еквивалентни нива на шум над наблюдавания район - фонов шум ( $L_{Aeq} Residual$

sound=Background). Допълнително е представен и максималния шум възникнал от едно шумово събитие  $L_{max}$ - от всеки един терминал за съответния период.

В Приложение № 3 в табличен вид са представени денонощните еквивалентните нива на шума, дневните, вечерните и нощните еквивалентни нива, разпределени по дни от месеците на разглеждания период, както и регистрираните еквивалентни нива на шум от шумови събития, свързани с полети LDEN correlated Aircraft и кумулативния шум LDEN Total.

#### **5. Брой въздухоплавателни средства по направления за отлитане и долитане над пунктовете за мониторинг.**

Месечният брой на всички шумови събития, основно предизвикани от отлитащи и долитащи въздухоплавателни средства, регистрирани от стационарните терминали за мониторинг на шума е даден в Таблица 1.

**Таблица 1**

Терминал за мониторинг на шума	Брой регистрирани шумови събития		
	Октомври 2023 г.	Ноември 2023 г.	Декември 2023 г.
T1	229	150	179
T2	229	150	179
T3	229	150	179
T4	229	150	179

#### **6. Брой превишения на граничните стойности на показателите за шум и тип на въздухоплавателното средство, предизвикало превишението.**

В Приложения № 4, 5 и 6 са показани най-шумните корелирани шумови събития и ВС, регистрирани от терминали T1, T2, T3, T4 за месеците октомври, ноември и декември. За всяко едно събитие са дадени датата и часа на регистрацията му, отчетеното ниво на максималния шум  $L_{max}$  в dB(A) и типа на въздухоплавателното средство, причинило този шум. Всяка една от месечните графики включва първите най-шумни събития, за които може да се идентифицира съответния им причинител.

#### **7. Брой отклонения на въздухоплавателните средства от регламентираните направления за отлитане и долитане на летище Варна.**

Предоставянето на информация по чл. 32, ал. 1, т. 7 от Наредба № 54 от 13 декември 2010 г. за дейността на националната система за мониторинг на шума в околната среда и за изискванията за провеждане на собствен мониторинг и предоставяне на информация от промишлените източници на шум в околната среда е от компетентността на ДП РВД - София.

Изготвил: .....

Галя Петрова, Ръководител звено "Интегрирани системи за управление и Медицинско осигуряване"



**Traffic by Aircraft Type  
October 2023**



AC-Type	AC-Type Long Name	Movements per Month			Sum
		October	November	December	
A21N	Airbus A321neo	2	5	8	15
A319	Airbus A319	23	20	4	47
A320	Airbus A320	591	318	460	1369
A321	Airbus A321	15	7	10	32
A333	Airbus A330-300	0	0	2	2
A339		0	0	8	8
AT72	ATR 72-200	4	0	0	4
AT76	ATR 72-600	22	0	0	22
ATLA		12	0	0	12
B350	Beech King Air 350	2	0	0	2
B38M	Boeing 737 MAX 8	18	0	6	24
B39M	Boeing 737 MAX 9	0	2	0	2
B733	Boeing 737-300	49	0	3	52
B734	Boeing 737-400	0	0	5	5
B738	Boeing 737-800	52	42	54	148
B739	Boeing 737-900	22	4	6	32
BCS3	Bombardier BD-500 CSeries CS300	12	70	30	112
C182	Cessna 182 Skylane	2	0	0	2
C206	Cessna 206 Stationair	2	0	0	2
C25A	Cessna 525A Citation CJ2	10	2	4	16
C25M	Cessna 525 Citation M2	2	0	0	2
C27J	Alenia C-27J Spartan	6	6	0	12
C295	CASA C-295 Persuader	6	6	12	24
C30J	Lockheed Martin C-130J Hercules	2	0	0	2
C550	Cessna 550 Citation 2	0	4	2	6
C560	Cessna 560 Citation 5	0	0	2	2
C56X	Cessna 560XL Citation Excel	2	6	6	14
C650	Cessna 650 Citation 3/6/7	2	0	0	2
C68A	Cessna 680A Citation Latitude	0	0	2	2
CL35	Bombardier BD-100 Challenger 350	2	0	0	2
CL60	Bombardier CL-600 Challenger 600	2	2	2	6
DR40	Robin DR-400 Cadet	2	0	0	2
E121	Embraer EMB-121 Xingu	2	0	0	2
E190	Embraer ERJ 190-100	34	46	44	124
E195	Embraer ERJ 190-200	26	10	4	40
E35L	Embraer EMB-135BJ Legacy	4	2	0	6
E550	Embraer EMB-550 Legacy 500	2	0	2	4
E55P	Embraer EMB-505 Phenom 300	10	6	2	18
F2TH	Dassault Falcon 2000	0	2	4	6
F900	Dassault Falcon 900	2	0	0	2
FA7X	Dassault Falcon 7X	2	0	0	2
GL5T	Bombardier BD-700 Global 5000	0	0	2	2
GLF5	Gulfstream 5	0	6	0	6
H25B	BAe 125-700/-800	0	0	2	2
L410	Let L410 Turbolet	0	2	0	2
LJ35	Bombardier Learjet 35/36	2	0	4	6
LJ45	Bombardier Learjet 45	0	2	2	4
MD82	McDonnell Douglas MD-82	24	0	0	24
NFEX		2	0	0	2
P180	Piaggio P-180 Avanti	4	3	0	7
SF34	Saab 340	2	10	4	16
SW4	Fairchild Swearingen Metroliner/Merlin 4	0	0	2	2

Traffic by Aircraft Type  
October 2023



AC-Type	AC-Type Long Name	Movements per Month			Sum
		October	November	December	
	Sum	980	583	698	2261



**Equivalent Continuous Sound Level**  
**MP01 NMTVAR001**  
**October 2023**

	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2023	54.1	43.7	54.6	51.9	54.8
10/2/2023	71.4	45.6	72.6	52.6	69.7
10/3/2023	57.7	42.9	58.7	51.5	57.1
10/4/2023	58.0	44.2	58.3	57.1	58.4
10/5/2023	58.8	42.8	59.5	55.8	58.5
10/6/2023	58.7	44.3	59.0	57.8	59.0
10/7/2023	54.3	43.0	54.9	51.8	54.8
10/8/2023	*	47.2	*	55.2	*
10/9/2023	58.8	42.9	59.7	53.5	58.1
10/10/2023	58.0	41.9	59.0	50.9	57.1
10/11/2023	57.9	43.3	58.9	51.5	57.3
10/12/2023	64.5	43.8	58.9	69.5	67.1
10/13/2023	57.5	43.8	58.5	51.7	57.1
10/14/2023	54.7	45.9	55.3	52.0	55.8
10/15/2023	54.0	42.8	54.6	51.7	54.6
10/16/2023	57.4	48.3	58.3	53.3	58.3
10/17/2023	56.4	43.8	57.0	54.0	56.6
10/18/2023	57.1	44.4	58.0	52.4	57.0
10/19/2023	57.4	43.7	58.1	54.0	57.3
10/20/2023	60.6	46.9	61.7	53.1	60.0
10/21/2023	52.2	42.8	52.2	52.3	53.7
10/22/2023	51.1	50.2	51.2	50.8	56.8
10/23/2023	59.4	43.0	59.2	59.9	60.0
10/24/2023	57.2	42.5	57.8	54.8	57.2
10/25/2023	58.5	43.2	59.2	55.8	58.3
10/26/2023	57.3	43.7	57.9	54.8	57.4
10/27/2023	58.5	42.9	59.0	56.8	58.5
10/28/2023	53.4	46.7	53.1	54.1	56.2
10/29/2023	52.5	43.2	52.5	52.5	53.9
10/30/2023	54.2	44.9	54.7	52.6	55.4
10/31/2023	52.8	42.4	53.1	51.7	53.8
<b>Sum</b>	<b>60.1</b>	<b>44.6</b>	<b>60.7</b>	<b>57.3</b>	<b>59.9</b>

	Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
	49.9		50.8	45.1	48.9
	54.8		56.0		53.0
	48.5		49.7		46.7
	50.7		50.6	51.1	51.0
	50.6		49.3	53.1	51.8
	50.7		51.1	49.5	50.5
	51.6		52.8		49.8
	*		*		*
	49.5		49.4	49.9	49.8
	45.1		45.2	44.6	45.0
	51.2		52.4		49.4
	50.1		51.3		48.3
	49.6		50.9		47.8
	51.9	42.1	52.5	49.0	52.7
	51.0		51.9	46.7	50.1
	44.5	40.0	42.8	47.1	48.5
	48.1		47.9	48.9	48.5
	45.7		46.5	41.7	44.8
	46.4		45.7	48.1	47.2
	48.1		49.2	40.5	46.7
	43.8		45.0		42.0
	39.2		34.2	44.0	41.6
	47.9		47.3	49.2	48.5
	46.3		47.6		44.6
	46.4	34.7	46.0	47.5	47.7
	41.9	37.0	42.4	39.6	44.8
	44.2		44.2	44.4	44.4
	41.9	44.1	38.5	45.3	50.7
	44.0		41.7	47.6	45.6
	49.2		48.8	50.4	49.8
	46.3		46.3	46.3	46.4
<b>Sum</b>	<b>48.9</b>	<b>32.5</b>	<b>49.4</b>	<b>46.5</b>	<b>48.6</b>

\* Availability < 50%



**Equivalent Continuous Sound Level**
**MP02 NMTVAR002**
**October 2023**

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2023	52.3	42.7	52.7	50.4	53.3	49.3		49.9	46.3	48.5
10/2/2023	57.6	47.6	58.7	47.4	57.7	40.1		41.4		38.4
10/3/2023	53.1	42.2	54.0	48.6	53.4	46.8		48.1		45.1
10/4/2023	54.5	43.4	55.3	50.8	54.8	48.7		48.9	47.7	48.5
10/5/2023	54.0	43.0	54.1	53.7	55.0	49.4		47.6	52.4	50.8
10/6/2023	53.7	43.1	54.3	51.4	54.4	48.7		49.0	47.5	48.4
10/7/2023	52.9	41.9	53.9	47.5	53.1					
10/8/2023	*	45.9	*	52.9	*	*		*		*
10/9/2023	52.6	42.0	53.1	50.4	53.3	47.8		47.6	48.3	48.1
10/10/2023	52.2	41.5	53.0	48.4	52.6	43.7		43.8	43.5	43.7
10/11/2023	53.9	42.3	54.8	47.9	53.8	49.6		50.8		47.8
10/12/2023	54.2	45.0	55.1	49.7	55.0	47.8		49.1		46.1
10/13/2023	53.3	42.8	54.2	47.8	53.6	47.8		49.1		46.1
10/14/2023	53.2	44.8	54.0	49.7	54.4	51.0	41.6	51.9	46.2	51.7
10/15/2023	52.2	41.3	52.7	50.2	52.9	49.7		50.4	46.0	48.8
10/16/2023	52.8	45.5	53.6	49.8	54.4	43.7	40.5	42.4	46.0	48.1
10/17/2023	52.4	42.9	53.1	49.0	53.2	46.5		46.7	46.0	46.4
10/18/2023	52.0	43.0	52.8	47.9	52.9	44.7		45.7	38.6	43.5
10/19/2023	52.9	43.7	53.4	51.4	54.1	45.6		43.7	48.7	47.1
10/20/2023	53.1	42.2	54.0	48.1	53.3	46.3		47.4	38.2	44.9
10/21/2023	50.4	43.3	50.9	48.3	52.3	44.1		45.3		42.3
10/22/2023	48.6	41.7	48.3	49.4	51.1	38.9		35.0	43.3	41.1
10/23/2023	53.3	42.6	53.9	50.6	53.9	46.5		46.1	47.4	47.0
10/24/2023	53.2	42.2	54.1	47.2	53.3	44.3		45.6		42.6
10/25/2023	53.3	43.4	54.0	49.9	54.0	45.3	34.5	45.3	45.2	46.4
10/26/2023	53.4	43.0	54.3	48.2	53.7	39.9	37.0	40.1	39.4	44.2
10/27/2023	53.3	43.1	53.9	50.2	53.9	42.2		41.6	43.6	42.9
10/28/2023	51.6	47.6	51.9	50.8	55.5	41.1	45.2	39.1	43.7	51.4
10/29/2023	49.3	45.6	49.2	49.6	53.3	42.4		39.5	46.4	44.2
10/30/2023	53.0	44.4	53.5	51.3	54.4	47.6		47.3	48.5	48.1
10/31/2023	56.4	41.4	57.4	49.6	55.7	45.7		45.7	45.7	45.8
Sum	53.3	43.7	54.0	49.9	54.1	46.5	32.9	46.9	45.0	46.8

\* Availability &lt; 50%

# Equivalent Continuous Sound Level

## MP03 NMTVAR003

October 2023



	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2023	*	*	*	*	*
10/2/2023	99.1	*	100.8	59.3	*
10/3/2023	56.6	58.6	56.6	56.8	64.6
10/4/2023	57.8	57.8	57.6	58.3	64.2
10/5/2023	58.8	56.7	59.6	54.1	63.3
10/6/2023	58.0	54.0	57.4	59.4	61.9
10/7/2023	58.9	59.6	59.0	58.7	65.8
10/8/2023	*	59.2	*	59.6	*
10/9/2023	58.7	59.1	58.4	59.4	65.4
10/10/2023	57.2	58.9	57.1	57.8	65.0
10/11/2023	58.0	57.2	57.5	59.1	63.9
10/12/2023	60.4	60.6	60.2	60.8	67.0
10/13/2023	58.1	61.5	57.8	58.8	67.3
10/14/2023	57.7	58.4	58.1	55.9	64.5
10/15/2023	57.1	58.6	56.1	59.3	64.9
10/16/2023	57.0	60.5	56.9	57.3	65.5
10/17/2023	57.1	57.5	56.9	57.8	63.8
10/18/2023	56.4	58.0	56.5	56.3	64.0
10/19/2023	58.1	56.3	58.1	58.1	63.2
10/20/2023	55.0	55.8	54.8	55.6	62.0
10/21/2023	54.1	55.2	53.6	55.2	61.4
10/22/2023	55.5	56.2	55.0	56.7	62.5
10/23/2023	55.5	56.3	55.4	55.6	62.5
10/24/2023	55.9	57.7	55.6	56.5	63.8
10/25/2023	56.5	57.6	56.6	56.1	63.7
10/26/2023	55.3	56.5	55.3	55.2	62.6
10/27/2023	55.6	55.5	55.4	56.2	62.0
10/28/2023	55.8	56.2	55.5	56.4	62.9
10/29/2023	55.4	56.3	54.7	57.1	62.8
10/30/2023	56.3	57.1	56.2	56.4	63.3
10/31/2023	56.8	56.9	56.6	57.4	63.3
Sum	83.3	57.9	84.6	57.7	81.6

	Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2023	*	*	*	*	*
10/2/2023	78.9	*	80.7		*
10/3/2023	30.6		31.8		28.8
10/4/2023	33.4		34.6		31.6
10/5/2023	41.0		41.8	36.8	40.1
10/6/2023	35.8		34.5	38.2	36.9
10/7/2023					
10/8/2023	*		*		*
10/9/2023	28.8		30.0		27.0
10/10/2023					
10/11/2023	29.6		30.8		27.8
10/12/2023	34.0		35.2		32.2
10/13/2023	31.4		32.7		29.7
10/14/2023	30.3		31.5		28.5
10/15/2023	31.1		32.4		29.4
10/16/2023					
10/17/2023					
10/18/2023	32.6		33.8		30.8
10/19/2023	35.2		36.5		33.4
10/20/2023	28.3		29.5		26.5
10/21/2023					
10/22/2023					
10/23/2023					
10/24/2023					
10/25/2023					
10/26/2023					
10/27/2023					
10/28/2023					
10/29/2023					
10/30/2023					
10/31/2023	24.4		25.7		22.7
Sum	63.1		64.4	25.8	61.4

\* Availability < 50%



**Equivalent Continuous Sound Level**
**MP04 NMTVAR004**
**October 2023**

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2023	56.4	52.0	57.1	53.7	59.6	43.7		44.6	38.5	42.6
10/2/2023	70.1	58.0	71.3	52.6	69.5	61.2		62.4		59.4
10/3/2023	59.0	48.6	60.0	52.0	59.2	41.5		42.8		39.8
10/4/2023	61.2	48.1	62.3	52.0	60.6	42.8		42.9	42.6	42.9
10/5/2023	63.0	47.2	64.1	52.2	61.9	42.8		41.7	45.1	43.9
10/6/2023	62.6	49.5	63.6	56.3	62.2	44.9		45.5	42.2	44.2
10/7/2023	56.8	47.7	57.2	55.3	58.0					
10/8/2023	*	50.4	*	57.6	*	*		*		*
10/9/2023	61.8	51.3	62.9	53.7	61.9	41.4		38.9	45.1	43.2
10/10/2023	61.8	46.7	62.9	53.6	61.0	43.4		44.1	40.0	42.6
10/11/2023	58.7	50.2	59.7	53.0	59.6	46.0		47.3		44.3
10/12/2023	58.3	47.5	59.3	51.8	58.4	36.4		37.7		34.7
10/13/2023	58.4	47.6	59.4	51.9	58.5	44.0		45.3		42.3
10/14/2023	56.3	48.6	57.2	50.9	57.5	46.4	40.3	47.6		48.1
10/15/2023	55.3	48.5	56.2	50.9	57.1	42.6		43.7	33.9	41.1
10/16/2023	60.1	62.9	61.4	52.1	67.7	38.0	37.4	39.4		42.8
10/17/2023	60.0	47.4	61.0	53.0	59.7	40.4		40.7	39.2	40.1
10/18/2023	58.7	51.1	59.7	52.6	60.0	42.6		43.8		40.8
10/19/2023	59.7	48.4	60.7	53.0	59.6	37.4		30.2	42.7	40.2
10/20/2023	60.4	48.0	61.5	52.3	60.0	42.4		43.7		40.7
10/21/2023	56.8	50.4	57.7	51.8	58.7	40.0		41.3		38.3
10/22/2023	55.2	47.4	55.8	52.6	56.7	33.9			39.9	37.1
10/23/2023	64.8	46.0	66.0	51.7	63.4	47.1		48.0	41.6	45.9
10/24/2023	62.1	46.6	63.3	51.2	61.1	41.2		42.5		39.5
10/25/2023	63.4	47.1	64.6	52.5	62.3	42.8		43.2	41.4	42.5
10/26/2023	64.9	47.3	66.1	52.0	63.6	38.3	32.5	38.8	36.1	40.8
10/27/2023	63.0	50.4	64.0	55.2	62.6	41.5		41.6	41.2	41.6
10/28/2023	55.7	51.9	56.7	51.9	59.3	35.2	39.7		40.3	46.1
10/29/2023	54.8	49.8	55.4	52.0	57.7	36.0			42.0	39.1
10/30/2023	62.4	48.4	63.6	51.8	61.6	37.1		38.4		35.4
10/31/2023	58.1	47.8	59.1	52.4	58.4	41.6		43.1		39.8
Sum	61.6	51.3	62.7	53.0	61.7	47.8	29.1	48.9	38.7	46.5

\* Availability &lt; 50%

**Equivalent Continuous Sound Level**
**MP01 NMTVAR001**
**November 2023**

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/LN	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/LN	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
11/1/2023	52.3	47.7	53.2	48.3	55.4	38.9		40.3		37.0
11/2/2023	*	43.5	*	*	*	*		*	*	*
11/3/2023	57.8	45.8	58.9	50.2	57.6	47.3		48.3	40.8	46.2
11/4/2023	57.2	44.1	58.3	47.2	56.5					
11/5/2023	52.8	44.4	53.3	50.5	54.1	37.9		39.1		36.1
11/6/2023	52.5	44.8	53.1	51.0	54.6	42.8		36.2	46.5	45.0
11/7/2023	57.5	44.9	58.6	49.7	57.1	45.0		46.3		43.3
11/8/2023	60.6	44.2	61.2	54.5	59.4	46.0		46.2	44.9	45.0
11/9/2023	57.0	44.4	57.9	51.9	56.9					
11/10/2023	58.5	45.2	59.5	52.3	58.1	49.0		49.4	47.3	48.6
11/11/2023	52.1	45.1	51.9	52.7	54.5	44.8	38.3		50.8	49.3
11/12/2023	50.3	45.8	51.5	46.0	53.2	41.8	37.5	43.6		44.4
11/13/2023	58.8	44.0	59.9	51.4	58.1	42.0		35.1	47.2	44.7
11/14/2023	56.1	45.2	57.1	48.5	56.1	42.1		43.4		40.4
11/15/2023	57.4	44.1	57.9	*	*	39.8		38.9	*	*
11/16/2023	57.5	47.7	58.5	50.7	57.8	37.9	37.4	39.1		43.5
11/17/2023	71.6	45.5	72.8	50.6	69.9	43.6	30.5	44.9		42.8
11/18/2023	*	45.6	*	*	*	*		*	*	*
11/19/2023	52.0	*	*	49.1	*	46.1	*	*	45.9	*
11/20/2023	54.5	45.7	55.2	51.1	55.5	44.0	37.1	41.8	47.4	47.3
11/21/2023	56.7	46.0	57.7	49.5	56.8	42.9		44.1		41.1
11/22/2023	57.4	46.1	58.3	51.9	57.5	46.6	35.3	47.2	43.6	47.0
11/23/2023	56.5	45.5	57.2	53.2	56.9	46.1		40.9	51.0	48.6
11/24/2023	*	*	*	*	*	*	*	*	*	*
11/25/2023	*	*	*	*	*	*	*	*	*	*
11/26/2023	*	*	*	*	*	*	*	*	*	*
11/27/2023	53.8	45.5	*	52.0	*	47.0	38.1	*	49.8	*
11/28/2023	54.7	43.6	55.5	50.4	55.0	44.6		45.8		42.8
11/29/2023	56.0	50.1	57.3	49.8	58.3	42.2		42.1	42.4	42.4
11/30/2023	56.6	46.8	57.4	52.1	57.2	46.1	42.6	44.8	48.6	50.6
Sum	60.2	45.8	61.4	50.9	59.3	44.2	33.4	43.9	45.0	45.6

\* Availability &lt; 50%



**Equivalent Continuous Sound Level**
**MP02 NMTVAR002**
**November 2023**

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
11/1/2023	51.6	43.7	52.6	46.5	52.9	39.3		40.7		37.4
11/2/2023	52.9	44.6	53.8	47.3	53.9	43.8		45.0		42.0
11/3/2023	55.3	44.7	55.1	55.6	56.6	46.2		47.1	41.1	45.1
11/4/2023	54.6	43.6	55.0	53.4	55.4					
11/5/2023	52.5	44.2	53.1	49.7	53.8	36.5		37.7		34.7
11/6/2023	52.5	45.8	53.1	51.3	55.1	41.1		36.8	44.4	43.0
11/7/2023	53.3	46.5	54.3	46.8	54.9	44.1		45.3		42.3
11/8/2023	54.2	46.0	54.5	52.4	55.5	46.1		46.1	45.8	45.2
11/9/2023	52.2	47.8	52.7	50.5	55.3					
11/10/2023	54.9	47.7	55.7	50.6	56.4	47.1		47.6	45.5	46.8
11/11/2023	55.5	46.8	53.7	58.5	58.1	43.3	38.3		49.3	48.3
11/12/2023	51.0	45.3	51.4	50.0	53.8	43.0	37.3	44.7		44.7
11/13/2023	54.2	43.2	55.0	49.7	54.4	41.1		36.9	45.7	43.4
11/14/2023	53.1	43.6	53.1	53.3	54.6	40.4		41.6		38.6
11/15/2023	53.0	43.0	53.3	*	*	39.7		38.2	*	*
11/16/2023	52.3	45.9	53.2	46.9	54.2	38.7	37.4	40.0		43.7
11/17/2023	57.1	44.4	58.3	47.6	56.6	42.4	30.2	43.7		41.8
11/18/2023	*	44.5	*	*	*	*		*	*	*
11/19/2023	52.6	*	*	48.7	*	45.8	*	*	45.1	*
11/20/2023	52.4	44.1	52.8	50.7	53.9	45.2	35.9	44.8	46.1	47.0
11/21/2023	54.8	44.7	55.9	46.8	55.0	41.0		42.2		39.2
11/22/2023	53.3	44.5	53.9	50.5	54.4	44.9	33.4	45.3	43.3	45.5
11/23/2023	52.9	44.7	53.3	51.4	54.4	44.6		38.6	49.8	47.3
11/24/2023	53.0	44.1	53.7	49.3	53.9	42.3	34.4	43.6		43.1
11/25/2023	53.4	45.0	54.0	51.2	54.9	44.6		42.9	47.0	45.6
11/26/2023	*	*	*	*	*	*	*	*	*	*
11/27/2023	52.6	45.2	53.4	50.9	54.8	45.8	38.7	42.7	48.2	49.3
11/28/2023	54.8	43.1	55.5	51.3	55.0	42.6		43.8		40.8
11/29/2023	53.3	49.9	54.1	50.7	57.4	43.5		42.8	44.7	44.2
11/30/2023	53.2	46.0	53.9	49.7	54.9	43.5	40.9	42.3	45.8	48.4
Sum	53.7	45.5	54.3	51.4	55.2	43.2	32.7	43.1	43.7	44.6

\* Availability &lt; 50%





**Equivalent Continuous Sound Level**
**MP04 NMTVAR004**
**November 2023**

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
11/1/2023	58.1	50.2	59.2	52.0	59.3	33.7		35.1		31.8
11/2/2023	60.2	48.0	61.3	51.5	59.8	36.8		38.0		35.0
11/3/2023	60.7	49.5	61.8	52.3	60.6	40.2		40.5	39.4	40.1
11/4/2023	63.3	48.4	64.4	53.8	62.4					
11/5/2023	56.4	49.5	57.1	53.5	58.2	37.0		38.2		35.2
11/6/2023	60.4	56.9	62.1	52.7	64.4	38.6			43.0	41.2
11/7/2023	62.0	51.1	63.2	51.0	61.9	39.4		40.7		37.7
11/8/2023	65.1	49.1	65.3	64.1	64.6	49.2		49.5	46.9	47.9
11/9/2023	61.6	55.6	62.7	53.2	63.4					
11/10/2023	66.4	49.2	67.6	53.5	65.2	39.7		41.0		38.0
11/11/2023	56.6	49.0	57.2	53.6	58.1	40.0	35.0		46.0	45.0
11/12/2023	57.5	54.5	58.9	51.3	61.1	38.8		40.5		37.3
11/13/2023	62.5	48.3	63.7	52.2	61.7	38.5		37.0	41.1	39.7
11/14/2023	60.0	50.2	61.0	51.9	60.3	39.2		40.4		37.4
11/15/2023	61.1	49.8	61.3	*	*	39.5		38.8	*	*
11/16/2023	59.3	55.6	60.3	52.4	62.7	37.1	36.4	38.4		42.5
11/17/2023	61.0	49.4	62.1	52.2	60.8	36.3	29.8	37.5		37.8
11/18/2023	*	53.6	*	*	*	*		*	*	*
11/19/2023	64.7	*	*	52.3	*	44.9	*	*	43.6	*
11/20/2023	59.8	50.0	60.8	53.7	60.2	41.1	33.7	40.7	42.1	43.5
11/21/2023	60.1	52.1	61.2	51.9	61.1	38.9		40.1		37.1
11/22/2023	60.0	50.5	60.4	58.6	61.2	39.4		40.7		37.8
11/23/2023	62.2	52.1	63.0	57.6	62.7	42.3		37.4	47.2	44.8
11/24/2023	59.3	52.4	60.1	55.6	61.1	40.3	33.3	41.5		41.5
11/25/2023	58.9	57.8	59.4	57.7	64.9	38.5		30.9	43.3	40.9
11/26/2023	*	*	*	*	*	*	*	*	*	*
11/27/2023	59.0	52.3	60.7	53.2	61.1	40.7	36.9	40.1	41.6	45.4
11/28/2023	61.7	50.2	62.4	58.3	62.0	41.5		42.8		39.8
11/29/2023	64.8	57.5	66.2	56.8	66.3	49.9		51.4	38.2	48.0
11/30/2023	64.8	53.2	65.9	53.3	64.4	39.3	38.7	36.9	42.8	45.7
Sum	61.7	52.7	62.8	55.1	62.4	41.2	29.6	41.6	39.9	41.9

\* Availability &lt; 50%



## Equivalent Continuous Sound Level

### MP01 NMTVAR001

December 2023



	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
12/1/2023	58.2	44.7	59.2	51.0	57.6	41.9		41.6	42.7	42.3
12/2/2023	52.0	46.6	52.7	48.5	54.6	38.5	37.6	39.7		44.0
12/3/2023	58.2	50.9	59.2	51.4	59.5	44.2	41.5	43.2	46.3	49.0
12/4/2023	52.8	45.4	53.1	51.5	54.7	44.7		41.8	48.6	46.6
12/5/2023	54.0	44.0	54.9	48.7	54.5	43.9		45.2		42.2
12/6/2023	56.0	45.7	56.6	53.0	56.6	47.0		46.3	48.7	47.8
12/7/2023	58.3	51.1	59.4	50.7	59.6	42.4	42.9	42.0	43.6	49.3
12/8/2023	55.5	45.5	56.4	51.0	56.1	43.7	36.2	44.5	39.4	45.1
12/9/2023	57.5	44.1	*	60.1	*	44.1		*	39.0	*
12/10/2023	63.5	45.6	52.4	69.3	66.7	46.5	42.3	45.6	48.3	50.5
12/11/2023	56.6	42.8	57.5	52.4	56.4	43.5		40.1	47.7	45.5
12/12/2023	56.3	44.9	56.6	55.4	57.1	42.9		44.1		41.1
12/13/2023	57.6	45.1	58.7	48.8	57.1	48.8		50.0		47.0
12/14/2023	56.5	44.3	57.6	49.3	56.2	42.7	35.9	42.1	44.2	45.4
12/15/2023	54.4	45.4	54.0	55.5	56.3	46.7		46.9	46.2	46.6
12/16/2023	61.1	*	54.9	66.3	*	40.2	*	41.5		*
12/17/2023	54.9	47.4	51.6	59.1	58.4	44.3	42.8	41.6	48.1	50.1
12/18/2023	56.6	44.2	57.6	49.6	56.3	41.0		42.3		39.3
12/19/2023	57.7	44.7	58.5	53.5	57.6	43.7		45.0		41.9
12/20/2023	58.4	44.9	58.3	58.6	59.2	45.6		46.9		43.9
12/21/2023	61.8	43.9	61.9	61.5	62.1	39.4		40.9		37.4
12/22/2023	58.7	45.4	58.7	*	*	51.2		51.2	*	*
12/23/2023	*	44.2	*	*	*	*		*	*	*
12/24/2023	61.6	46.5	61.8	61.0	61.9	47.3	42.9	45.4	50.4	51.5
12/25/2023	51.6	44.2	51.8	50.7	53.7	40.9	37.0	37.7	44.7	45.8
12/26/2023	63.4	42.3	63.5	62.9	63.5	37.9		39.2		36.2
12/27/2023	59.1	46.4	57.3	61.4	61.1	47.0	40.6	48.7		48.7
12/28/2023	60.5	45.4	60.3	61.2	61.3	47.3	38.2	41.9	52.3	50.8
12/29/2023	67.4	50.0	68.6	54.7	66.1	49.5	47.3	50.8		53.8
12/30/2023	67.7	44.7	59.9	73.1	70.6	42.9		38.5	47.5	45.2
12/31/2023	63.2	53.9	63.1	63.5	64.8	44.3		44.0	45.1	44.7
Sum	60.5	46.9	59.7	62.2	61.8	45.1	37.7	45.2	44.9	47.2

\* Availability < 50%

**Equivalent Continuous Sound Level**
**MP02 NMTVAR002**
**December 2023**

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
12/1/2023	54.0	43.7	54.9	48.2	54.3	41.6		41.6	41.4	41.6
12/2/2023	51.8	48.9	52.6	47.5	55.9	38.8	39.3	40.0		45.5
12/3/2023	51.9	53.5	52.1	51.2	59.5	45.1	41.2	44.3	47.0	49.2
12/4/2023	53.9	46.0	54.6	50.5	55.3	43.9		41.3	47.6	45.7
12/5/2023	53.6	43.9	54.6	47.3	54.0	42.5		43.7		40.7
12/6/2023	57.0	46.7	57.7	54.0	57.7	45.7		45.0	47.4	46.5
12/7/2023	56.1	49.4	57.0	51.1	57.9	42.2	41.7	41.5	43.8	48.4
12/8/2023	55.4	45.4	56.3	50.8	55.9	44.2	35.4	45.0	40.5	45.2
12/9/2023	52.5	46.8	*	48.4	*	44.1		*	39.3	*
12/10/2023	51.1	45.1	51.3	50.4	53.7	45.1	41.7	43.6	47.7	49.7
12/11/2023	55.0	43.0	55.9	50.2	55.0	42.2		38.9	46.3	44.2
12/12/2023	53.1	43.5	54.0	48.5	53.7	41.4		42.7		39.7
12/13/2023	54.5	44.4	55.5	48.5	54.9	47.1		48.3		45.3
12/14/2023	52.7	44.0	53.5	49.0	53.8	41.5	36.3	40.2	44.1	45.2
12/15/2023	54.5	45.6	55.2	50.9	55.4	44.6		45.1	42.4	44.0
12/16/2023	*	*	*	*	*	*	*	*	*	*
12/17/2023	*	*	*	*	*	*	*	*	*	*
12/18/2023	53.3	44.0	54.2	48.3	54.0	41.5		42.8		39.7
12/19/2023	53.5	44.2	54.4	48.2	54.2	41.8		43.1		40.1
12/20/2023	53.3	45.1	54.2	48.0	54.4	43.7		44.9		41.9
12/21/2023	52.2	43.0	53.1	48.6	53.2	39.3		40.8		37.3
12/22/2023	55.6	45.1	55.6	*	*	49.5		49.5	*	*
12/23/2023	*	43.3	*	*	*	*		*	*	*
12/24/2023	52.1	46.7	52.0	52.5	55.2	47.5	43.1	46.2	49.9	51.5
12/25/2023	49.1	53.4	49.1	49.2	60.0	41.6	36.5	37.4	45.9	46.1
12/26/2023	54.6	42.2	55.1	52.7	55.0	38.1		39.3		36.3
12/27/2023	52.7	45.5	54.0	47.3	54.3	42.3	40.9	44.0		47.4
12/28/2023	60.2	45.0	59.1	62.3	61.5	45.4	38.1	39.8	50.4	49.3
12/29/2023	59.8	48.3	58.1	62.6	61.9	48.3	46.0	49.6		52.6
12/30/2023	63.2	42.9	61.6	66.0	64.6	44.7		38.5	49.8	47.3
12/31/2023	64.6	59.6	63.5	66.9	68.3	42.6		41.6	44.6	43.5
Sum	56.7	49.0	56.4	57.4	58.9	44.2	37.0	44.1	44.3	46.4

\* Availability &lt; 50%



**Equivalent Continuous Sound Level**  
**MP03 NMTVAR003**  
**December 2023**

	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
12/1/2023	56.7	57.1	56.8	56.6	63.4
12/2/2023	58.1	57.4	58.3	57.0	64.1
12/3/2023	61.1	65.2	58.6	64.7	71.2
12/4/2023	60.3	69.5	61.0	57.4	74.8
12/5/2023	58.3	58.6	58.1	59.0	65.0
12/6/2023	67.0	63.7	66.5	68.3	71.3
12/7/2023	65.7	70.0	65.6	65.9	75.7
12/8/2023	63.1	65.9	62.4	64.7	71.8
12/9/2023	62.8	64.1	*	62.1	*
12/10/2023	59.4	60.9	58.1	61.8	67.2
12/11/2023	60.8	62.7	60.5	61.5	68.7
12/12/2023	58.9	60.6	57.6	61.4	66.8
12/13/2023	65.0	62.0	65.3	63.9	69.2
12/14/2023	65.0	65.1	64.6	66.0	71.6
12/15/2023	67.6	66.2	68.8	56.2	72.5
12/16/2023	65.5	*	66.7	54.2	*
12/17/2023	60.0	55.2	61.1	52.5	62.5
12/18/2023	61.1	51.9	62.1	54.7	61.7
12/19/2023	52.7	52.5	52.6	53.1	59.0
12/20/2023	55.9	55.2	55.5	57.0	61.9
12/21/2023	59.3	58.7	59.8	57.6	65.4
12/22/2023	61.2	58.0	61.2	*	*
12/23/2023	*	58.6	*	*	*
12/24/2023	57.3	58.5	57.0	58.2	64.8
12/25/2023	58.3	58.7	58.5	57.5	65.7
12/26/2023	56.1	57.7	55.9	56.7	63.8
12/27/2023	58.8	58.5	59.0	58.2	65.2
12/28/2023	56.6	57.7	56.5	57.0	63.9
12/29/2023	57.7	56.3	57.8	57.2	63.1
12/30/2023	57.3	57.4	57.3	57.4	63.8
12/31/2023	57.2	58.3	56.6	58.5	64.6
<b>Sum</b>	<b>61.8</b>	<b>62.6</b>	<b>61.9</b>	<b>61.2</b>	<b>68.8</b>

Aircraft Sound [dB(A)]					
L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	
	28.7			34.2	
39.9	45.8	39.9	39.7	51.3	
37.4		35.6	40.5	38.9	
25.9		27.1		24.1	
41.3		42.5		39.5	
34.3			40.2	37.6	
37.6		38.9		35.8	
45.6		*		*	
30.4			36.4	33.6	
25.8		27.1		24.1	
40.9		42.2		39.2	
42.7	36.9	43.8	34.4	44.7	
32.9		34.1		31.1	
36.8	*	38.1		*	
36.5		37.7		34.9	
38.2		39.5		36.5	
27.0		28.5		25.0	
31.6		31.6	*	*	
*		*	*	*	
32.1		26.6	36.9	34.6	
35.8		37.4		33.8	
<b>Sum</b>	<b>36.0</b>	<b>31.6</b>	<b>36.8</b>	<b>31.8</b>	<b>39.1</b>

\* Availability < 50%

**Equivalent Continuous Sound Level**
**MP04 NMTVAR004**
**December 2023**

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
12/1/2023	63.1	51.2	64.2	53.4	62.7	40.2		40.8	37.5	39.5
12/2/2023	61.3	52.3	62.3	52.9	61.9	40.4	36.9	41.6		43.8
12/3/2023	57.4	57.8	57.6	56.5	64.0	40.5	40.0	38.7	43.4	46.8
12/4/2023	64.4	54.6	65.5	52.7	64.6	40.0		39.0	41.9	40.9
12/5/2023	64.3	51.4	65.5	51.6	63.7	42.5		43.7		40.7
12/6/2023	64.4	56.6	64.5	64.0	66.3	43.2		42.1	45.5	44.3
12/7/2023	62.8	60.5	63.8	56.4	67.0	36.6	39.7	33.7	40.6	45.7
12/8/2023	63.3	54.6	64.1	58.6	64.2	46.5	33.9	47.2	42.7	46.5
12/9/2023	*	*	*	*	*	*	*	*	*	*
12/10/2023	*	*	*	*	*	*	*	*	*	*
12/11/2023	*	*	*	*	*	*	*	*	*	*
12/12/2023	*	*	*	*	*	*	*	*	*	*
12/13/2023	*	*	*	*	*	*	*	*	*	*
12/14/2023	*	*	*	*	*	*	*	*	*	*
12/15/2023	60.0	55.3	60.2	59.2	63.1	39.6		40.8		38.0
12/16/2023	65.0	*	66.2	53.4	*	*	*	*	*	*
12/17/2023	*	*	*	*	*	*	*	*	*	*
12/18/2023	*	*	*	*	*	*	*	*	*	*
12/19/2023	*	*	*	*	*	*	*	*	*	*
12/20/2023	*	*	*	*	*	*	*	*	*	*
12/21/2023	58.6	*	*	52.2	*	38.4	*	*	*	*
12/22/2023	64.4	51.2	64.3	*	*	46.8		46.8	*	*
12/23/2023	*	52.0	*	*	*	*		*	*	*
12/24/2023	55.4	53.0	55.7	54.2	60.0	43.0	40.9	40.1	46.9	48.6
12/25/2023	59.1	49.5	59.4	58.1	60.3	41.1	36.1	41.0	41.5	44.7
12/26/2023	59.2	53.7	59.7	57.0	61.8	31.8		33.0		30.0
12/27/2023	57.9	58.7	59.1	52.4	64.9	38.6	37.4	40.3		43.9
12/28/2023	63.3	50.7	64.4	55.2	62.9	40.6		34.4	45.7	43.2
12/29/2023	62.2	50.9	63.4	54.1	62.1	46.5	43.5	47.8		50.2
12/30/2023	62.2	50.0	62.2	62.4	63.1	40.5		37.3	44.5	42.5
12/31/2023	64.7	71.4	58.4	69.9	77.1	36.8		36.7	37.1	37.0
Sum	62.5	60.6	63.1	60.2	67.3	41.7	35.6	41.9	41.0	44.3

\* Availability &lt; 50%



**NMT Statistics**  
**MP01 NMTVAR001**  
**October 2023**

	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
10/1/2023	14	12	37	12	100.0	85.7	99.9		52.5	50.5	48.2	33.4	80.9
10/2/2023	64	3	34	4	75.0	4.7	99.9		69.6	69.5	53.0	34.2	90.6
10/3/2023	43	8	35	8	100.0	18.6	99.9		56.0	55.5	46.7	31.5	79.7
10/4/2023	29	8	35	8	100.0	27.6	99.8		56.4	55.5	49.0	34.2	82.8
10/5/2023	58	11	32	11	100.0	19.0	99.9		57.1	56.4	48.9	32.7	80.5
10/6/2023	75	8	39	9	88.9	10.7	99.9		57.0	56.3	49.0	33.4	84.1
10/7/2023	9	7	26	7	100.0	77.8	99.9		52.7	49.5	49.8	33.2	88.0
10/8/2023	9	0	36	16	0.0	0.0	60.3	T W	51.7	51.7		32.4	
10/9/2023	69	8	35	9	88.9	11.6	99.9		57.1	56.5	47.8	28.9	82.3
10/10/2023	59	7	31	6	116.7	11.9	99.9		56.3	56.0	43.3	27.3	79.1
10/11/2023	40	4	29	4	100.0	10.0	99.9		56.2	55.2	49.4	31.7	86.5
10/12/2023	51	8	33	8	100.0	15.7	99.9		62.7	62.6	48.3	32.4	82.5
10/13/2023	29	7	39	5	140.0	24.1	99.9		55.8	55.1	47.8	33.7	83.7
10/14/2023	10	8	29	11	72.7	80.0	99.9		53.2	50.0	50.4	34.1	87.1
10/15/2023	13	12	35	12	100.0	92.3	99.9		52.4	49.5	49.3	32.9	81.5
10/16/2023	49	7	31	10	70.0	14.3	79.1	T W	56.2	56.0	43.7	32.3	75.7
10/17/2023	16	7	31	7	100.0	43.8	99.9		54.8	54.1	46.4	34.7	78.9
10/18/2023	27	4	33	5	80.0	14.8	99.9		55.5	55.2	43.9	30.0	79.8
10/19/2023	39	4	29	4	100.0	10.3	99.9		55.7	55.4	44.7	33.9	80.2
10/20/2023	22	9	37	9	100.0	40.9	99.9		59.0	58.7	46.3	33.6	83.9
10/21/2023	9	7	26	7	100.0	77.8	99.9		50.7	50.1	42.0	33.1	75.9
10/22/2023	3	2	29	1	200.0	66.7	99.9		50.8	50.6	37.4	31.5	74.3
10/23/2023	39	8	30	7	114.3	20.5	99.9		57.7	57.4	46.1	30.4	79.3
10/24/2023	41	4	31	4	100.0	9.8	99.9		55.5	55.2	44.6	30.5	79.7
10/25/2023	71	6	31	6	100.0	8.5	99.9		56.8	56.6	44.8	31.1	81.0
10/26/2023	43	4	23	4	100.0	9.3	99.9		55.6	55.5	40.8	29.4	77.6
10/27/2023	55	7	38	7	100.0	12.7	98.9	T	56.8	56.6	42.5	31.1	75.3
10/28/2023	11	7	27	12	58.3	63.6	84.8	T W	51.9	51.4	42.8	33.2	79.4
10/29/2023	5	4	30	4	100.0	80.0	99.8		50.8	50.2	42.1	29.0	76.4
10/30/2023	13	8	26	8	100.0	61.5	99.9		52.7	51.2	47.5	33.1	80.7
10/31/2023	5	4	23	4	100.0	80.0	99.9		51.2	50.1	44.6	26.7	79.1
Sum	1020	203	980	229	88.6	19.9	97.4	T W	58.3	58.0	47.1	26.7	90.6

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%



**NMT Statistics**
**MP02 NMTVAR002**
**October 2023**

	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
10/1/2023	16	12	37	12	100.0	75.0	99.9		50.7	47.9	47.5	33.2	81.1
10/2/2023	22	3	34	4	75.0	13.6	99.9		56.0	56.0	38.4	32.7	72.6
10/3/2023	23	8	35	8	100.0	34.8	99.9		51.5	50.4	45.1	31.0	78.4
10/4/2023	29	8	35	8	100.0	27.6	99.9		52.9	51.7	46.9	34.5	81.7
10/5/2023	25	11	32	11	100.0	44.0	99.9		52.4	50.6	47.6	32.1	79.9
10/6/2023	18	8	39	9	88.9	44.4	99.9		52.1	50.6	46.9	33.4	80.7
10/7/2023	14	0	26	7	0.0	0.0	99.9		51.3	51.3		33.8	
10/8/2023	11	0	36	16	0.0	0.0	60.3	T W	49.3	49.3		32.9	
10/9/2023	12	8	35	9	88.9	66.7	99.9		51.0	49.3	46.0	28.0	80.4
10/10/2023	11	7	31	6	116.7	63.6	99.9		50.6	50.0	41.9	26.8	76.1
10/11/2023	14	4	29	4	100.0	28.6	99.9		52.3	50.3	47.8	29.1	84.6
10/12/2023	35	8	33	8	100.0	22.9	99.9		52.7	51.7	46.1	34.1	80.8
10/13/2023	15	7	39	5	140.0	46.7	99.9		51.7	50.3	46.1	33.4	81.2
10/14/2023	11	10	29	11	90.9	90.9	99.9		51.8	47.9	49.5	35.0	87.9
10/15/2023	14	12	35	12	100.0	85.7	99.9		50.6	47.3	47.9	31.9	80.0
10/16/2023	38	8	31	10	80.0	21.1	79.1	T W	51.7	51.1	43.1	33.4	75.2
10/17/2023	11	7	31	7	100.0	63.6	99.9		50.9	49.6	44.7	33.8	77.7
10/18/2023	8	5	33	5	100.0	62.5	99.9		50.5	49.7	42.9	30.5	79.0
10/19/2023	13	4	29	4	100.0	30.8	99.9		51.4	50.6	43.9	35.7	83.4
10/20/2023	21	9	37	9	100.0	42.9	99.9		51.6	50.6	44.5	33.2	80.7
10/21/2023	13	7	26	7	100.0	53.8	99.9		49.0	48.0	42.3	34.8	80.5
10/22/2023	3	2	29	1	200.0	66.7	99.9		47.3	46.8	37.1	31.4	75.7
10/23/2023	44	9	30	7	128.6	20.5	99.9		51.7	50.7	44.7	30.4	77.8
10/24/2023	41	4	31	4	100.0	9.8	99.9		51.6	51.0	42.6	30.3	78.8
10/25/2023	31	7	31	6	116.7	22.6	99.9		51.7	51.0	43.7	30.9	79.0
10/26/2023	36	4	23	4	100.0	11.1	99.9		51.8	51.6	39.2	30.1	75.5
10/27/2023	42	7	38	7	100.0	16.7	99.9		51.7	51.4	40.5	32.0	74.9
10/28/2023	21	7	27	12	58.3	33.3	85.2	T W	50.5	49.7	43.0	35.4	81.3
10/29/2023	12	4	30	4	100.0	33.3	99.9		48.3	47.5	40.5	30.9	74.8
10/30/2023	12	8	26	8	100.0	66.7	99.9		51.5	50.2	45.9	33.7	78.2
10/31/2023	18	4	23	4	100.0	22.2	99.9		54.7	54.3	44.0	25.3	78.4
Sum	634	202	980	229	88.2	31.9	97.5	T W	51.7	50.7	44.8	25.3	87.9

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%



NMT Statistics

MP03 NMTVAR003

October 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		Leq [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
10/1/2023	0	0	37	12	0.0		0.0	T	*	*	*		
10/2/2023	19	1	34	4	25.0	5.3	54.6	T	98.8	98.7	78.6	51.0	115.2
10/3/2023	77	2	35	8	25.0	2.6	99.9		57.4	57.4	28.8	50.1	66.7
10/4/2023	47	2	35	8	25.0	4.3	99.9		57.8	57.8	31.6	53.0	66.6
10/5/2023	175	7	32	11	63.6	4.0	99.9		58.2	58.1	39.2	44.5	73.8
10/6/2023	46	4	39	9	44.4	8.7	99.9		57.0	57.0	34.0	46.3	67.2
10/7/2023	102	0	26	7	0.0	0.0	99.9		59.2	59.2		53.9	
10/8/2023	38	0	36	16	0.0	0.0	60.3	T W	59.0	59.0		54.0	
10/9/2023	45	1	35	9	11.1	2.2	99.9		58.8	58.8	27.0	53.6	65.7
10/10/2023	16	0	31	6	0.0	0.0	99.9		57.9	57.9		52.5	
10/11/2023	38	1	29	4	25.0	2.6	99.9		57.7	57.7	27.8	52.7	65.2
10/12/2023	169	2	33	8	25.0	1.2	99.9		60.5	60.5	32.2	55.3	64.7
10/13/2023	90	1	39	5	20.0	1.1	99.9		59.5	59.5	29.7	53.1	73.7
10/14/2023	43	1	29	11	9.1	2.3	99.9		57.9	57.9	28.5	48.6	64.5
10/15/2023	19	2	35	12	16.7	10.5	99.9		57.7	57.7	29.4	47.7	65.5
10/16/2023	53	0	31	10	0.0	0.0	79.1	T W	58.2	58.2		49.2	
10/17/2023	43	0	31	7	0.0	0.0	99.9		57.2	57.2		53.1	
10/18/2023	47	2	33	5	40.0	4.3	99.9		57.0	57.0	30.8	47.2	67.1
10/19/2023	101	2	29	4	50.0	2.0	99.9		57.6	57.5	33.4	51.4	70.8
10/20/2023	7	1	37	9	11.1	14.3	99.9		55.3	55.3	26.5	51.3	65.0
10/21/2023	0	0	26	7	0.0		99.9		54.5	54.5		50.2	
10/22/2023	1	0	29	1	0.0	0.0	99.9		55.7	55.7		50.7	
10/23/2023	1	0	30	7	0.0	0.0	99.9		55.7	55.7		51.4	
10/24/2023	9	0	31	4	0.0	0.0	99.9		56.6	56.6		51.6	
10/25/2023	5	0	31	6	0.0	0.0	99.9		56.9	56.9		53.0	
10/26/2023	2	0	23	4	0.0	0.0	99.9		55.7	55.7		51.5	
10/27/2023	4	0	38	7	0.0	0.0	99.9		55.6	55.6		52.3	
10/28/2023	6	0	27	12	0.0	0.0	85.2	T W	55.9	55.9		51.6	
10/29/2023	1	0	30	4	0.0	0.0	99.9		55.8	55.8		51.3	
10/30/2023	3	0	26	8	0.0	0.0	99.8		56.6	56.6		51.8	
10/31/2023	49	1	23	4	25.0	2.0	99.8		56.9	56.9	22.7	52.0	63.2
Sum	1256	30	980	229	13.1	2.4	92.8	T W	81.5	81.5	61.4	44.5	115.2

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%



**NMT Statistics**  
**MP04 NMTVAR004**  
**October 2023**



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
10/1/2023	20	7	37	12	58.3	35.0	99.9		55.4	55.2	41.9	37.6	77.0
10/2/2023	185	2	34	4	50.0	1.1	99.9		68.4	67.9	59.4	37.2	97.5
10/3/2023	41	5	35	8	62.5	12.2	99.9		57.5	57.4	39.8	34.5	74.2
10/4/2023	105	7	35	8	87.5	6.7	99.9		59.5	59.5	41.1	37.5	79.4
10/5/2023	147	6	32	11	54.5	4.1	99.9		61.3	61.2	41.1	36.5	77.6
10/6/2023	120	8	39	9	88.9	6.7	99.9		60.9	60.9	43.1	36.1	80.7
10/7/2023	13	0	26	7	0.0	0.0	99.9		55.3	55.3		37.0	
10/8/2023	27	0	36	16	0.0	0.0	60.3	T W	54.8	54.8		38.3	
10/9/2023	106	3	35	9	33.3	2.8	99.9		60.3	60.2	39.7	33.2	76.3
10/10/2023	163	7	31	6	116.7	4.3	99.9		60.2	60.1	41.6	32.1	82.6
10/11/2023	24	3	29	4	75.0	12.5	99.9		57.3	57.1	44.3	35.3	80.9
10/12/2023	9	2	33	8	25.0	22.2	99.9		56.7	56.7	34.7	36.5	70.7
10/13/2023	13	6	39	5	120.0	46.2	99.9		56.9	56.7	42.3	37.1	76.4
10/14/2023	10	4	29	11	36.4	40.0	99.9		54.9	54.4	45.1	37.2	81.5
10/15/2023	11	8	35	12	66.7	72.7	99.9		54.0	53.8	40.8	36.8	73.9
10/16/2023	109	4	31	10	40.0	3.7	79.1	T W	61.0	61.0	37.8	36.5	69.8
10/17/2023	47	3	31	7	42.9	6.4	99.9		58.4	58.3	38.6	35.9	74.0
10/18/2023	28	4	33	5	80.0	14.3	99.9		57.3	57.2	40.8	34.9	75.8
10/19/2023	78	2	29	4	50.0	2.6	99.9		58.1	58.1	35.6	40.5	72.9
10/20/2023	66	5	37	9	55.6	7.6	99.9		58.8	58.7	40.7	37.4	77.0
10/21/2023	11	5	26	7	71.4	45.5	99.8		55.5	55.4	38.3	39.3	72.5
10/22/2023	7	1	29	1	100.0	14.3	99.8		53.8	53.7	32.1	37.5	69.9
10/23/2023	239	5	30	7	71.4	2.1	99.8		63.1	63.0	45.3	33.8	81.3
10/24/2023	112	3	31	4	75.0	2.7	99.7		60.4	60.4	39.5	33.3	75.7
10/25/2023	187	4	31	6	66.7	2.1	99.9		61.7	61.7	41.0	34.2	74.1
10/26/2023	231	4	23	4	100.0	1.7	99.7		63.2	63.2	37.1	34.5	74.7
10/27/2023	187	7	38	7	100.0	3.7	98.6	T	61.4	61.4	39.8	36.2	73.1
10/28/2023	14	4	27	12	33.3	28.6	85.2	T W	54.6	54.5	37.4	38.5	71.1
10/29/2023	5	2	30	4	50.0	40.0	99.0		53.6	53.5	34.1	36.1	70.1
10/30/2023	117	1	26	8	12.5	0.9	99.3		60.8	60.8	35.4	36.5	74.7
10/31/2023	17	3	23	4	75.0	17.6	91.3	T	56.4	56.3	39.8	32.7	76.0
Sum	2449	125	980	229	54.6	5.1	97.1	T W	60.0	59.9	46.0	32.1	97.5

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%



NMT Statistics

MP01 NMTVAR001

November 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
11/1/2023	8	3	22	6	50.0	37.5	93.6	T W	51.1	51.0	37.0	32.8	73.2
11/2/2023	0	0	22	3	0.0		35.1	T	*	*	*	29.9	
11/3/2023	49	5	29	5	100.0	10.2	95.3	T	56.4	56.0	45.7	32.2	81.6
11/4/2023	11	0	4	0		0.0	99.9		55.5	55.5		30.9	
11/5/2023	9	1	4	1	100.0	11.1	99.9		51.3	51.2	36.1	31.8	74.8
11/6/2023	3	2	23	6	33.3	66.7	79.0	T W	50.6	50.2	40.4	30.8	78.5
11/7/2023	46	2	17	2	100.0	4.3	99.1		55.9	55.6	43.3	32.6	81.0
11/8/2023	83	9	30	12	75.0	10.8	79.1	T W	58.5	58.3	43.8	28.5	73.5
11/9/2023	45	0	0	0		0.0	93.6	T W	55.6	55.6		32.6	
11/10/2023	61	9	34	9	100.0	14.8	99.9		56.9	56.4	47.2	34.0	80.6
11/11/2023	6	4	15	4	100.0	66.7	99.3		50.8	49.9	43.5	31.3	83.1
11/12/2023	7	6	21	8	75.0	85.7	70.8	T W	49.4	48.8	40.9	34.6	73.7
11/13/2023	36	2	20	2	100.0	5.6	99.9		57.2	57.1	40.2	29.9	79.9
11/14/2023	26	2	19	3	66.7	7.7	99.9		54.5	54.3	40.4	33.7	80.4
11/15/2023	39	3	24	8	37.5	7.7	77.0	T W	55.3	55.2	37.6	32.4	71.6
11/16/2023	53	5	21	5	100.0	9.4	99.9		55.9	55.9	37.7	34.1	72.7
11/17/2023	35	3	22	3	100.0	8.6	99.9		69.8	69.8	42.0	32.5	79.4
11/18/2023	0	0	13	6	0.0		24.9	T W	*	*	*	33.9	
11/19/2023	6	6	15	6	100.0	100.0	39.5	T W	*	*	*	35.7	74.3
11/20/2023	11	6	23	6	100.0	54.5	99.9		53.0	52.6	42.6	34.0	79.6
11/21/2023	36	1	17	1	100.0	2.8	99.9		55.1	54.9	41.1	34.4	82.0
11/22/2023	52	4	22	4	100.0	7.7	97.8	T W	55.9	55.5	45.1	31.9	82.1
11/23/2023	24	5	23	5	100.0	20.8	99.9		54.9	54.5	44.4	31.4	79.6
11/24/2023	0	0	27	9	0.0		0.0	T	*	*	*		
11/25/2023	0	0	13	4	0.0		0.0	T	*	*	*		
11/26/2023	4	3	17	8	37.5	75.0	14.5	T W	*	*	*	37.5	74.1
11/27/2023	12	6	24	9	66.7	50.0	72.5	T W	51.8	50.8	45.0	35.6	80.1
11/28/2023	7	2	16	2	100.0	28.6	99.9		53.1	52.7	42.8	33.7	80.3
11/29/2023	24	6	23	9	66.7	25.0	87.4	T W	54.6	54.4	40.1	35.6	73.9
11/30/2023	34	4	23	4	100.0	11.8	99.9		55.0	54.5	45.2	34.8	81.2
Sum	727	99	583	150	66.0	13.6	78.6	T W	58.4	58.3	42.5	28.5	83.1

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%



NMT Statistics

MP02 NMTVAR002

November 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
11/1/2023	7	3	22	6	50.0	42.9	93.7	T W	50.1	49.8	37.4	32.1	74.7
11/2/2023	11	3	22	3	100.0	27.3	99.9		51.4	50.9	42.0	30.0	76.6
11/3/2023	45	5	29	5	100.0	11.1	99.9		53.7	53.1	44.4	32.5	78.5
11/4/2023	30	0	4	0		0.0	99.9		53.0	53.0		31.7	
11/5/2023	34	1	4	1	100.0	2.9	99.9		51.1	51.0	34.7	31.2	74.2
11/6/2023	17	2	23	6	33.3	11.8	79.1	T W	50.8	50.5	38.8	31.5	75.1
11/7/2023	35	2	17	2	100.0	5.7	99.9		52.0	51.5	42.3	33.5	80.3
11/8/2023	37	9	30	12	75.0	24.3	79.1	T W	52.4	51.8	43.9	29.4	75.1
11/9/2023	3	0	0	0		0.0	93.7	T W	51.3	51.3		32.1	
11/10/2023	40	8	34	9	88.9	20.0	99.9		53.5	52.8	45.4	35.0	78.5
11/11/2023	14	4	15	4	100.0	28.6	99.9		54.0	53.7	42.2	31.0	80.7
11/12/2023	13	6	21	8	75.0	46.2	70.7	T W	49.9	49.2	41.9	33.7	76.3
11/13/2023	47	2	20	2	100.0	4.3	99.9		52.6	52.4	39.3	30.6	77.6
11/14/2023	3	2	19	3	66.7	66.7	99.9		51.6	51.4	38.6	34.1	78.2
11/15/2023	8	3	24	8	37.5	37.5	77.0	T W	51.0	50.8	37.4	33.2	71.4
11/16/2023	17	5	21	5	100.0	29.4	99.9		51.0	50.8	38.3	33.5	71.6
11/17/2023	18	3	22	3	100.0	16.7	99.9		55.5	55.4	40.8	31.4	78.4
11/18/2023	0	0	13	6	0.0		25.0	T W	*	*	*	33.8	
11/19/2023	26	6	15	6	100.0	23.1	39.5	T W	*	*	*	37.5	75.2
11/20/2023	21	6	23	6	100.0	28.6	99.9		50.9	50.0	43.7	35.3	78.3
11/21/2023	16	1	17	1	100.0	6.3	99.9		53.3	53.1	39.2	35.1	80.3
11/22/2023	16	4	22	4	100.0	25.0	97.8	T W	51.9	51.2	43.3	32.6	81.0
11/23/2023	18	5	23	5	100.0	27.8	99.9		51.4	50.8	42.9	32.5	78.3
11/24/2023	18	8	27	9	88.9	44.4	99.9		51.5	51.1	40.9	34.8	75.0
11/25/2023	25	3	13	4	75.0	12.0	83.2	T W	51.6	51.0	42.4	31.2	78.0
11/26/2023	6	3	17	8	37.5	50.0	16.7	T W	*	*	*	39.4	77.9
11/27/2023	9	6	24	9	66.7	66.7	72.8	T W	50.7	49.7	43.9	37.2	78.0
11/28/2023	49	2	16	2	100.0	4.1	99.9		53.2	52.9	40.8	35.5	78.6
11/29/2023	26	7	23	9	77.8	26.9	87.4	T W	52.3	51.9	41.4	35.9	74.4
11/30/2023	18	4	23	4	100.0	22.2	99.9		51.8	51.3	42.8	35.9	78.6
Sum	627	113	583	150	75.3	18.0	87.1	T W	52.2	51.8	41.6	29.4	81.0

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%

NMT Statistics

MP03 NMTVAR003

November 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
11/1/2023	24	0	22	6	0.0	0.0	93.5	T W	56.5	56.5		52.5	
11/2/2023	226	2	22	3	66.7	0.9	99.8		60.0	60.0	28.3	45.3	65.1
11/3/2023	88	2	29	5	40.0	2.3	99.9		62.6	62.6	33.4	51.9	66.6
11/4/2023	179	0	4	0		0.0	99.8		64.3	64.3		47.8	
11/5/2023	140	0	4	1	0.0	0.0	99.6		59.2	59.2		48.4	
11/6/2023	0	0	23	6	0.0		0.0	T	*	*	*		
11/7/2023	0	0	17	2	0.0		0.0	T	*	*	*		
11/8/2023	0	0	30	12	0.0		0.0	T	*	*	*		
11/9/2023	0	0	0	0			0.0	T	*	*	*		
11/10/2023	0	0	34	9	0.0		0.0	T	*	*	*		
11/11/2023	0	0	15	4	0.0		0.0	T	*	*	*		
11/12/2023	0	0	21	8	0.0		0.0	T	*	*	*		
11/13/2023	0	0	20	2	0.0		0.0	T	*	*	*		
11/14/2023	0	0	19	3	0.0		0.0	T	*	*	*		
11/15/2023	0	0	24	8	0.0		0.0	T	*	*	*		
11/16/2023	0	0	21	5	0.0		0.0	T	*	*	*		
11/17/2023	0	0	22	3	0.0		0.0	T	*	*	*		
11/18/2023	0	0	13	6	0.0		0.0	T	*	*	*		
11/19/2023	0	0	15	6	0.0		0.0	T	*	*	*		
11/20/2023	0	0	23	6	0.0		0.0	T	*	*	*		
11/21/2023	0	0	17	1	0.0		0.0	T	*	*	*		
11/22/2023	0	0	22	4	0.0		0.0	T	*	*	*		
11/23/2023	0	0	23	5	0.0		0.0	T	*	*	*		
11/24/2023	0	0	27	9	0.0		0.0	T	*	*	*		
11/25/2023	0	0	13	4	0.0		0.0	T	*	*	*		
11/26/2023	0	0	17	8	0.0		0.0	T	*	*	*		
11/27/2023	0	0	24	9	0.0		0.0	T	*	*	*		
11/28/2023	0	0	16	2	0.0		0.0	T	*	*	*		
11/29/2023	0	0	23	9	0.0		0.0	T	*	*	*		
11/30/2023	6	0	23	4	0.0	0.0	41.8	T	*	*	*	50.2	
Sum	663	4	583	150	2.7	0.6	17.8	T W	*	*	*	45.3	66.6

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%



**NMT Statistics**  
**MP04 NMTVAR004**  
**November 2023**



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
11/1/2023	27	1	22	6	16.7	3.7	93.7	T W	56.6	56.6	31.8	37.3	68.3
11/2/2023	102	2	22	3	66.7	2.0	99.9		58.6	58.6	35.0	33.8	73.5
11/3/2023	53	3	29	5	60.0	5.7	99.9		59.1	59.1	38.5	36.5	74.4
11/4/2023	164	0	4	0		0.0	99.9		61.6	61.6		37.5	
11/5/2023	32	1	4	1	100.0	3.1	99.9		55.1	55.0	35.2	38.3	74.3
11/6/2023	122	1	23	6	16.7	0.8	79.1	T W	59.2	59.2	36.2	38.1	72.3
11/7/2023	145	2	17	2	100.0	1.4	99.9		60.4	60.4	37.7	35.1	75.3
11/8/2023	271	8	30	12	66.7	3.0	79.1	T W	63.0	62.9	47.0	35.6	79.0
11/9/2023	155	0	0	0		0.0	93.6	T W	60.6	60.6		37.0	
11/10/2023	224	3	34	9	33.3	1.3	99.9		64.7	64.7	38.0	37.2	78.9
11/11/2023	8	4	15	4	100.0	50.0	99.9		55.2	55.1	38.9	38.0	75.3
11/12/2023	35	3	21	8	37.5	8.6	70.8	T W	56.8	56.7	37.3	39.8	70.6
11/13/2023	142	2	20	2	100.0	1.4	99.9		60.9	60.8	36.7	35.9	73.4
11/14/2023	65	2	19	3	66.7	3.1	99.9		58.4	58.4	37.4	37.9	74.5
11/15/2023	77	3	24	8	37.5	3.9	77.0	T W	59.0	59.0	37.3	39.6	68.6
11/16/2023	80	4	21	5	80.0	5.0	99.9		58.4	58.3	36.9	39.2	70.3
11/17/2023	23	2	22	3	66.7	8.7	99.9		59.4	59.4	35.0	37.0	73.6
11/18/2023	5	0	13	6	0.0	0.0	25.0	T W	*	*	*	41.8	
11/19/2023	145	6	15	6	100.0	4.1	39.5	T W	*	*	*	42.8	78.1
11/20/2023	45	5	23	6	83.3	11.1	99.9		58.3	58.2	39.7	39.9	73.0
11/21/2023	63	1	17	1	100.0	1.6	99.9		58.7	58.7	37.1	39.4	75.8
11/22/2023	53	1	22	4	25.0	1.9	97.8	T W	58.6	58.5	37.8	37.5	76.7
11/23/2023	103	5	23	5	100.0	4.9	99.9		60.6	60.6	40.6	37.7	74.6
11/24/2023	19	6	27	9	66.7	31.6	99.9		58.0	57.9	38.9	40.3	69.5
11/25/2023	81	2	13	4	50.0	2.5	83.2	T W	58.5	58.5	36.3	37.8	73.0
11/26/2023	0	0	17	8	0.0		0.0	T	*	*	*		
11/27/2023	61	4	24	9	44.4	6.6	72.8	T W	57.2	57.2	39.5	40.8	73.2
11/28/2023	122	2	16	2	100.0	1.6	99.9		60.1	60.1	39.8	40.6	76.6
11/29/2023	229	5	23	9	55.6	2.2	87.4	T W	63.2	63.1	47.8	42.2	82.5
11/30/2023	197	3	23	4	75.0	1.5	99.9		63.2	63.1	39.1	40.6	73.9
Sum	2848	81	583	150	54.0	2.8	86.6	T W	60.1	60.1	39.6	33.8	82.5

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%



NMT Statistics

MP01 NMTVAR001

December 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
12/1/2023	39	5	22	5	100.0	12.8	99.9		56.5	56.4	40.1	34.9	74.5
12/2/2023	9	4	10	4	100.0	44.4	93.4	T W	50.7	50.5	38.2	34.0	73.4
12/3/2023	28	12	25	12	100.0	42.9	99.4		56.8	56.6	43.5	35.1	74.2
12/4/2023	9	5	26	5	100.0	55.6	99.6		51.4	50.7	42.9	34.9	80.1
12/5/2023	6	2	17	2	100.0	33.3	99.9		52.5	52.1	42.2	34.9	79.6
12/6/2023	33	8	27	9	88.9	24.2	99.9		54.4	53.9	45.3	33.0	78.8
12/7/2023	37	7	20	6	116.7	18.9	99.4		57.0	56.8	42.6	36.2	75.5
12/8/2023	38	7	22	7	100.0	18.4	99.9		54.0	53.7	42.3	35.5	77.0
12/9/2023	7	4	15	5	80.0	57.1	68.7	T W	55.1	54.9	41.5	34.5	75.2
12/10/2023	15	6	27	6	100.0	40.0	99.9		61.8	61.7	45.5	32.3	79.3
12/11/2023	43	3	19	2	150.0	7.0	99.9		55.0	54.8	41.7	31.7	79.7
12/12/2023	25	1	20	1	100.0	4.0	99.9		54.7	54.5	41.1	34.3	80.8
12/13/2023	33	8	29	8	100.0	24.2	99.9		55.9	55.3	47.0	35.0	80.1
12/14/2023	43	8	25	8	100.0	18.6	99.9		54.9	54.7	41.4	34.4	77.8
12/15/2023	7	4	28	4	100.0	57.1	98.1	T	52.9	52.1	45.0	33.7	79.2
12/16/2023	14	2	21	2	100.0	14.3	83.2	T W	60.3	60.2	39.3	39.7	77.8
12/17/2023	10	8	26	8	100.0	80.0	95.2	T W	53.7	53.2	43.9	35.2	77.8
12/18/2023	49	5	25	6	83.3	10.2	99.4		54.9	54.8	39.3	34.3	73.6
12/19/2023	47	2	23	2	100.0	4.3	99.6		56.1	55.9	41.9	35.2	81.0
12/20/2023	45	2	21	2	100.0	4.4	99.9		56.7	56.5	43.9	37.2	81.8
12/21/2023	20	2	23	6	33.3	10.0	89.5	T W	59.8	59.8	37.4	33.2	73.5
12/22/2023	22	9	26	9	100.0	40.9	72.6	T W	56.4	55.6	48.8	35.0	84.2
12/23/2023	0	0	24	11	0.0		45.8	T W	*	*	*	34.6	
12/24/2023	29	16	22	9	177.8	55.2	97.8	T W	59.8	59.6	46.3	34.1	79.3
12/25/2023	6	4	17	7	57.1	66.7	79.1	T W	49.7	49.3	39.7	33.0	72.7
12/26/2023	19	3	17	3	100.0	15.8	98.8	T	61.6	61.6	36.2	31.9	72.5
12/27/2023	8	5	24	8	62.5	62.5	81.1	T W	57.3	57.0	45.6	32.6	89.0
12/28/2023	25	6	30	6	100.0	24.0	99.9		58.9	58.6	45.8	32.8	81.9
12/29/2023	37	9	34	10	90.0	24.3	97.8	T W	65.6	65.5	48.9	33.6	83.4
12/30/2023	39	3	16	3	100.0	7.7	99.9		65.9	65.9	41.1	34.2	81.7
12/31/2023	38	3	17	3	100.0	7.9	99.9		61.7	61.6	42.5	31.7	78.2
Sum	780	163	698	179	91.1	20.9	93.5	T W	58.7	58.6	43.7	31.7	89.0

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%



NMT Statistics  
 MP02 NMTVAR002  
 December 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
12/1/2023	35	5	22	5	100.0	14.3	99.9		52.4	52.2	39.8	35.7	74.0
12/2/2023	28	4	10	4	100.0	14.3	93.7	T W	51.0	50.7	39.0	34.3	74.3
12/3/2023	75	12	25	12	100.0	16.0	99.9		52.5	51.8	44.2	33.8	76.6
12/4/2023	23	5	26	5	100.0	21.7	99.9		52.5	52.1	42.1	36.1	77.2
12/5/2023	31	2	17	2	100.0	6.5	99.9		52.1	51.7	40.7	36.1	78.5
12/6/2023	55	9	27	9	100.0	16.4	99.9		55.5	55.2	44.0	34.2	78.2
12/7/2023	55	7	20	6	116.7	12.7	99.9		54.8	54.6	42.1	36.8	75.1
12/8/2023	59	7	22	7	100.0	11.9	99.9		53.9	53.5	42.7	36.2	78.5
12/9/2023	20	4	15	5	80.0	20.0	68.7	T W	50.7	50.2	41.5	37.0	76.0
12/10/2023	13	6	27	6	100.0	46.2	99.9		49.8	48.4	44.2	35.3	77.3
12/11/2023	52	3	19	2	150.0	5.8	99.9		53.4	53.2	40.4	35.3	78.8
12/12/2023	21	1	20	1	100.0	4.8	99.9		51.6	51.3	39.7	37.3	79.7
12/13/2023	33	8	29	8	100.0	24.2	99.9		53.0	52.2	45.3	36.6	79.5
12/14/2023	19	8	25	8	100.0	42.1	99.9		51.2	50.8	40.4	35.7	74.2
12/15/2023	27	4	28	4	100.0	14.8	99.9		53.0	52.5	42.8	34.5	78.9
12/16/2023	0	0	21	2	0.0		0.0	T	*	*	*		
12/17/2023	0	0	26	8	0.0		0.0	T	*	*	*		
12/18/2023	29	6	25	6	100.0	20.7	99.4		51.8	51.5	39.7	36.0	74.0
12/19/2023	25	2	23	2	100.0	8.0	99.8		52.0	51.7	40.1	36.4	79.4
12/20/2023	16	2	21	2	100.0	12.5	99.9		51.9	51.4	41.9	37.6	79.9
12/21/2023	12	2	23	6	33.3	16.7	89.5	T W	50.5	50.3	37.3	34.9	73.5
12/22/2023	28	10	26	9	111.1	35.7	72.8	T W	53.4	52.3	47.1	37.5	81.5
12/23/2023	0	0	24	11	0.0		45.8	T W	*	*	*	35.2	
12/24/2023	23	16	22	9	177.8	69.6	97.8	T W	50.9	49.0	46.4	34.8	79.7
12/25/2023	8	4	17	7	57.1	50.0	79.1	T W	51.5	51.1	40.1	34.2	74.9
12/26/2023	19	3	17	3	100.0	15.8	99.9		53.0	52.9	36.3	32.5	73.2
12/27/2023	22	5	24	8	62.5	22.7	81.2	T W	51.2	50.7	41.9	33.9	76.4
12/28/2023	36	6	30	6	100.0	16.7	99.9		58.5	58.3	44.0	34.6	79.6
12/29/2023	57	10	34	10	100.0	17.5	97.8	T W	58.1	57.7	47.7	35.2	81.9
12/30/2023	35	3	16	3	100.0	8.6	99.9		61.5	61.4	42.9	35.0	87.8
12/31/2023	80	3	17	3	100.0	3.8	99.9		63.5	63.5	40.8	32.8	75.8
Sum	936	157	698	179	87.7	16.8	87.9	T W	55.2	55.0	42.7	32.5	87.8

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%



NMT Statistics

MP03 NMTVAR003

December 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
12/1/2023	95	0	22	5	0.0	0.0	99.9		56.9	56.9		48.5	
12/2/2023	174	1	10	4	25.0	0.6	93.7	T W	57.8	57.8	24.2	50.1	63.8
12/3/2023	473	7	25	12	58.3	1.5	99.9		62.9	62.9	42.8	49.5	78.9
12/4/2023	450	3	26	5	60.0	0.7	99.9		65.7	65.7	35.7	47.2	68.2
12/5/2023	203	1	17	2	50.0	0.5	99.9		58.4	58.4	24.1	48.9	66.2
12/6/2023	281	5	27	9	55.6	1.8	98.9	T	66.2	66.2	39.5	49.7	74.8
12/7/2023	231	2	20	6	33.3	0.9	96.6	T	67.6	67.6	32.6	47.7	66.7
12/8/2023	411	4	22	7	57.1	1.0	99.7		64.2	64.2	35.8	45.8	72.2
12/9/2023	351	3	15	5	60.0	0.9	68.5	T W	63.4	63.4	43.0	51.4	81.0
12/10/2023	174	2	27	6	33.3	1.1	99.9		60.0	60.0	28.6	50.1	64.5
12/11/2023	256	1	19	2	50.0	0.4	99.9		61.5	61.5	24.1	49.4	63.4
12/12/2023	170	0	20	1	0.0	0.0	99.8		59.5	59.5		47.4	
12/13/2023	414	5	29	8	62.5	1.2	99.8		64.2	64.2	39.2	47.7	75.5
12/14/2023	508	5	25	8	62.5	1.0	99.5		65.0	65.0	41.5	49.1	77.0
12/15/2023	187	1	28	4	25.0	0.5	97.8	T	67.1	67.1	31.1	45.9	71.4
12/16/2023	183	2	21	2	100.0	1.1	82.2	T W	65.0	65.0	35.9	46.5	77.5
12/17/2023	298	3	26	8	37.5	1.0	95.8	T W	59.0	59.0	34.9	41.7	70.5
12/18/2023	341	5	25	6	83.3	1.5	99.9		59.6	59.6	36.5	44.6	70.7
12/19/2023	2	0	23	2	0.0	0.0	99.9		52.7	52.7		48.7	
12/20/2023	17	0	21	2	0.0	0.0	99.9		55.7	55.7		46.0	
12/21/2023	99	1	23	6	16.7	1.0	89.5	T W	59.1	59.1	25.0	54.4	67.8
12/22/2023	78	1	26	9	11.1	1.3	72.8	T W	60.1	60.1	29.2	54.0	69.0
12/23/2023	55	0	24	11	0.0	0.0	45.8	T W	*	*	*	54.1	
12/24/2023	46	2	22	9	22.2	4.3	97.8	T W	57.7	57.7	30.3	53.6	66.6
12/25/2023	39	0	17	7	0.0	0.0	79.1	T W	58.5	58.5		53.1	
12/26/2023	5	0	17	3	0.0	0.0	99.9		56.7	56.7		52.6	
12/27/2023	147	1	24	8	12.5	0.7	81.1	T W	58.7	58.7	33.8	54.3	69.3
12/28/2023	2	0	30	6	0.0	0.0	99.9		57.0	57.0		52.9	
12/29/2023	13	0	34	10	0.0	0.0	97.8	T W	57.3	57.3		53.5	
12/30/2023	2	0	16	3	0.0	0.0	99.9		57.4	57.4		54.0	
12/31/2023	11	0	17	3	0.0	0.0	99.9		57.6	57.6		52.9	
Sum	5716	55	698	179	30.7	1.0	93.4	T W	62.0	62.0	34.9	41.7	81.0

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%



**NMT Statistics**  
**MP04 NMTVAR004**  
**December 2023**



	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub>	L <sub>max</sub>
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
12/1/2023	145	5	22	5	100.0	3.4	99.9		61.5	61.5	38.4	39.5	69.9
12/2/2023	54	3	10	4	75.0	5.6	93.6	T W	59.7	59.6	39.4	40.4	72.6
12/3/2023	106	9	25	12	75.0	8.5	99.5		57.5	57.4	40.3	39.2	70.8
12/4/2023	173	4	26	5	80.0	2.3	99.8		62.8	62.8	38.2	40.9	73.8
12/5/2023	211	2	17	2	100.0	0.9	99.9		62.7	62.6	40.7	39.2	81.7
12/6/2023	413	8	27	9	88.9	1.9	99.7		63.0	62.9	41.5	38.4	75.1
12/7/2023	366	5	20	6	83.3	1.4	97.8	T	62.2	62.2	37.8	44.7	72.2
12/8/2023	212	6	22	7	85.7	2.8	99.8		61.8	61.7	44.8	40.4	78.1
12/9/2023	0	0	15	5	0.0		0.0	T	*	*	*		
12/10/2023	0	0	27	6	0.0		0.0	T	*	*	*		
12/11/2023	0	0	19	2	0.0		0.0	T	*	*	*		
12/12/2023	0	0	20	1	0.0		0.0	T	*	*	*		
12/13/2023	0	0	29	8	0.0		0.0	T	*	*	*		
12/14/2023	0	0	25	8	0.0		0.0	T	*	*	*		
12/15/2023	80	3	28	4	75.0	3.8	95.2	T	59.0	59.0	38.0	40.1	77.9
12/16/2023	398	0	21	2	0.0	0.0	83.2	T W	65.6	65.6		45.8	
12/17/2023	0	0	26	8	0.0		0.0	T	*	*	*		
12/18/2023	0	0	25	6	0.0		0.0	T	*	*	*		
12/19/2023	0	0	23	2	0.0		0.0	T	*	*	*		
12/20/2023	0	0	21	2	0.0		0.0	T	*	*	*		
12/21/2023	17	1	23	6	16.7	5.9	38.6	T W	*	*	*	45.0	72.7
12/22/2023	96	5	26	9	55.6	5.2	72.8	T W	62.1	62.0	44.4	41.7	78.0
12/23/2023	31	0	24	11	0.0	0.0	45.8	T W	*	*	*	41.7	
12/24/2023	28	6	22	9	66.7	21.4	97.8	T W	54.7	54.4	42.4	38.4	77.0
12/25/2023	28	4	17	7	57.1	14.3	79.1	T W	57.0	57.0	39.6	39.2	75.6
12/26/2023	7	1	17	3	33.3	14.3	99.9		58.0	58.0	30.0	38.7	69.8
12/27/2023	85	3	24	8	37.5	3.5	81.2	T W	58.2	58.1	38.2	40.4	71.1
12/28/2023	146	4	30	6	66.7	2.7	99.9		61.7	61.7	38.8	39.1	72.9
12/29/2023	141	9	34	10	90.0	6.4	97.8	T W	60.6	60.5	45.7	39.7	79.7
12/30/2023	74	3	16	3	100.0	4.1	99.9		60.6	60.6	38.7	40.7	77.4
12/31/2023	27	2	17	3	66.7	7.4	99.9		68.2	68.2	35.0	38.3	71.2
Sum	2838	83	698	179	46.4	2.9	60.7	T W	61.9	61.9	40.4	38.3	81.7

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%

Reference Level Exceedances  
October 2023



ATA/ATD	Flight Number	A/D	Runway	Aircraft Type	MP01	MP02	MP03	MP04
					LASmax	LASmax	LASmax	LASmax
10/2/2023 11:12:00 AM	W64548	A	27	A320	90.6 (+5.6)	72.6	115.2 (+30.2)	97.5 (+12.5)
10/7/2023 10:25:00 AM	BUC601	D	09	MD82	88.0 (+3.0)			
10/11/2023 9:56:00 AM	BUC845	D	09	MD82	86.5 (+1.5)	84.6	65.2	80.9
10/14/2023 8:44:00 AM	BUC605	D	09	MD82	87.1 (+2.1)	87.9 (+2.9)	64.5	81.5



Reference Level Exceedances  
November 2023

ATA/ATD	Flight Number	A/D	Runway	Aircraft Type	MP01	MP02	MP03	MP04
					LASmax	LASmax	LASmax	LASmax

Reference Level Exceedances  
 December 2023

ATA/ATD	Flight Number	A/D	Runway	Aircraft Type	MP01	MP02	MP03	MP04
					LASmax	LASmax	LASmax	LASmax
12/27/2023 11:57:00 AM	W64510	A	27	A320	89.0 (+4.0)	70.6	69.3	
12/30/2023 9:31:00 PM	TK1070	D	09	B738	81.7	87.8 (+2.8)		77.4