



## ТРИМЕСЕЧЕН ДОКЛАД ЗА ПЕРИОДА ЯНУАРИ – МАРТ 2024 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: [office@sof-connect.com](mailto:office@sof-connect.com)  
Представител: Хесус Кабайеро Пинто, Изпълнителен директор

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

Елена Лакова, ръководител отдел Околната среда и Интегрирана система за управление /ОС и ИСУ/

Тел. 02 937 2651, факс: 02 937 2010, e-mail: [lakovae@sof-connect.com](mailto:lakovae@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 Януари - Март 2024 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 Януари - Март 2024 г.

Тип ВС	Модификация	Самолетодвижения /бр./			Общо за тримесечие
		Януари	Февруари	Март	
300	Airbus Industrie	2	4	2	8
319	Airbus Industrie A319	69	86	122	277
320	Airbus Industrie A320-100/200	1078	1073	1462	3613
321	Airbus Industrie A321	603	408	398	1409
32A	Airbus Industrie A320-sharkles	22	18	30	70
32N	Airbus Industrie A20N	94	111	113	318
32Q	Airbus Industrie A21N	105	85	73	263
332	Airbus Industrie A330-200	0	0	2	2
733	Boeing 737-300 Pax	9	4	4	17
734	Boeing 737-400 Pax	9	11	16	36
737	Boeing 737-All pax models	4	5	2	11
738	Boeing 737-800 Pax	1192	1046	1199	3437
739	Boeing 737-900 Passenger	48	44	54	146
73G	Boeing 737-700 Pax	2	2	4	8
73H	Boeing 737-800 Passenger Winglets	2	2	2	6
73Q	Boeing 737-400 Mixed Configuration	22	14	24	60
73Y	Boeing 737-300 Freighter	0	1	0	1
744	Boeing 747-400 Pax	12	2	20	34
752	Boeing 757-200	40	32	38	110
762	Boeing 767-200 Pax	2	4	8	14
763	Boeing 767-300 Pax	24	30	30	84
772	Boeing 777-200 Pax	6	0	12	18
7M8	Boeing 737MAX-8 Passenger/BBJ MAX 8	251	232	276	759
AGH	Agusta A109	2	8	29	39
ANF	Antonov AN12	0	0	2	2
AT4	Aerospatiale/Alenia ATR 42-300	8	5	5	18
AT5	Aerospatiale/Alenia ATR 42-500	1	2	0	3
AT7	Aerospatiale/Alenia ATR 72	186	191	180	557

Тип ВС	Модификация	Самолетодвижения /бр./			Общо за тримесечие
		Януари	Февруари	Март	
BE4	Beech/Raytheon Beechjet 400	4	2	3	9
BET	Beechcraft twin turboprop engines	6	7	5	18
C27	Spartan Tactical Transport Aircraft C27	22	34	34	90
CCJ	Bombardier Global 7000	8	13	17	38
CCX	Bombardier BD-700 Global Express	6	2	8	16
CJ1	Cessna 500/521/525 Citation	16	12	12	40
CJ2	Cessna 550/551/552 Citation	2	25	5	32
CJ5	Cessna 560 Citation	0	2	4	6
CJ6	Cessna 650 Citation	0	2	12	14
CJ8	Cessna 680 Citation	6	2	8	16
CJL	Cessna Citation Excel	23	44	24	91
CL3	Bombardier Continental Challenger	6	2	6	14
CN1	Cessna 172	2	0	4	6
CNJ	Cessna Citation - all types	19	21	7	47
CR2	Canadair Regional Jet 200	4	8	4	16
DF2	Dassault Falcon 20/200/2000	16	19	8	43
DF7	Dassault Falcon Jet 7X	2	0	2	4
DF9	Dassault Falcon Jet 900	0	6	6	12
E70	Embraer ERJ-170	22	16	16	54
E75	Embraer 175	30	38	62	130
E90	Embraer ERJ-190	327	282	247	856
E95	Embraer 195	16	14	6	36
EP3	Embraer EMB-505 Phenom 300	42	21	49	112
ER3	Embraer ERJ-135 and Legacy 600/650	2	4	6	12
GR2	Gulfstream 200 (Galaxy) USA	10	4	15	29
GR3	Gulfstream Aerospace G-280	8	0	9	17
GRJ	Gulfstream G550	4	12	6	22
H25	Hawker 750/800/800XP/800SP	0	4	6	10
L4T	LET 410	12	18	6	36
LJ3	Learjet 35	0	4	2	6
LJ4	Learjet 45	2	0	2	4
LJ6	Learjet 60	15	12	8	35
LOH	Lockheed L-382 (L-100) Hercules	2	2	4	8
MIH	MI-8/Mi-17/Mi-171/Mi-172	8	8	8	24
P18	PIAGGIO AVANTI	11	15	18	44
PA1	P46T/P28R/P28A	0	6	0	6
PA2	PA46	4	0	2	6
PL2	Pilatus PC12	4	9	5	18
<b>Общо:</b>		<b>4 454</b>	<b>4 090</b>	<b>4 753</b>	<b>13 297</b>
<b>Други:</b>		<b>398</b>	<b>348</b>	<b>504</b>	<b>1 250</b>
<b>Тотал:</b>		<b>4 852</b>	<b>4 438</b>	<b>5 257</b>	<b>14 547</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 E2 – с. Кривина-1588, ул. „Просвета“ № 1, двора на 155 ОУ „Св. св. Кирил и Методий“;

Мобилен терминал E3 – 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 E1 и E2.

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

Акустичното състояние за първото тримесечие на 2024 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:

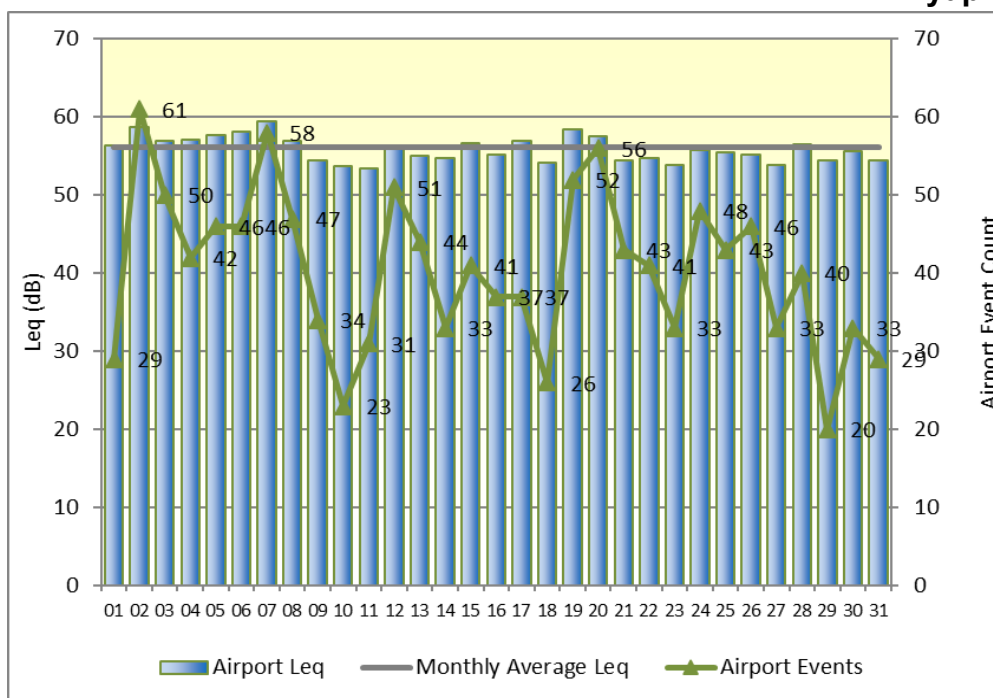
- За дневен период (07:00 – 19:00 ч.) –  $L_{ден} = 65 \text{ dB(A)}$  еквивалентно ниво на шума;
- За вечерен период (19:00 - 23:00 ч.) –  $L_{вечер} = 65 \text{ dB(A)}$  еквивалентно ниво на шума;
- За нощен период (23:00 – 07:00 ч.) –  $L_{нощ} = 55 \text{ dB(A)}$  еквивалентно ниво на шума;
- За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

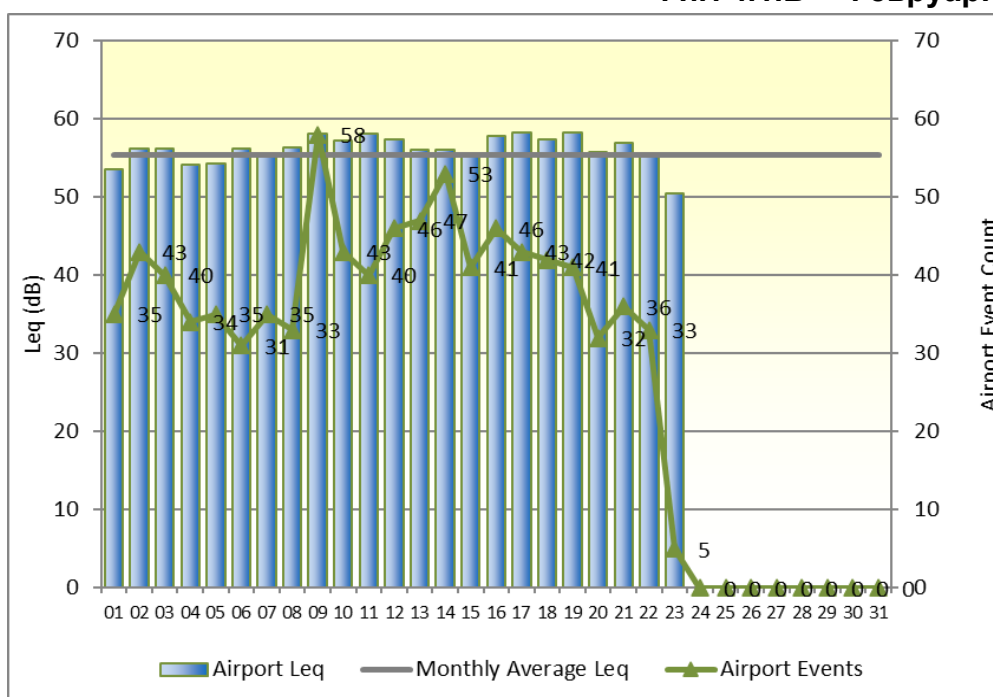
Терминалът за мониторинг на шума, обслужващ западния район на летище София е разположен в охраняемата територия на летището, приблизително на около километър от западния край на пистата за излитане и кацане (ПИК09).

**Забележка\*: Поради възникнал софтуерен проблем в периода 24.02 – 11.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития**

Фиг. 4.1.A – Януари 2024 г.

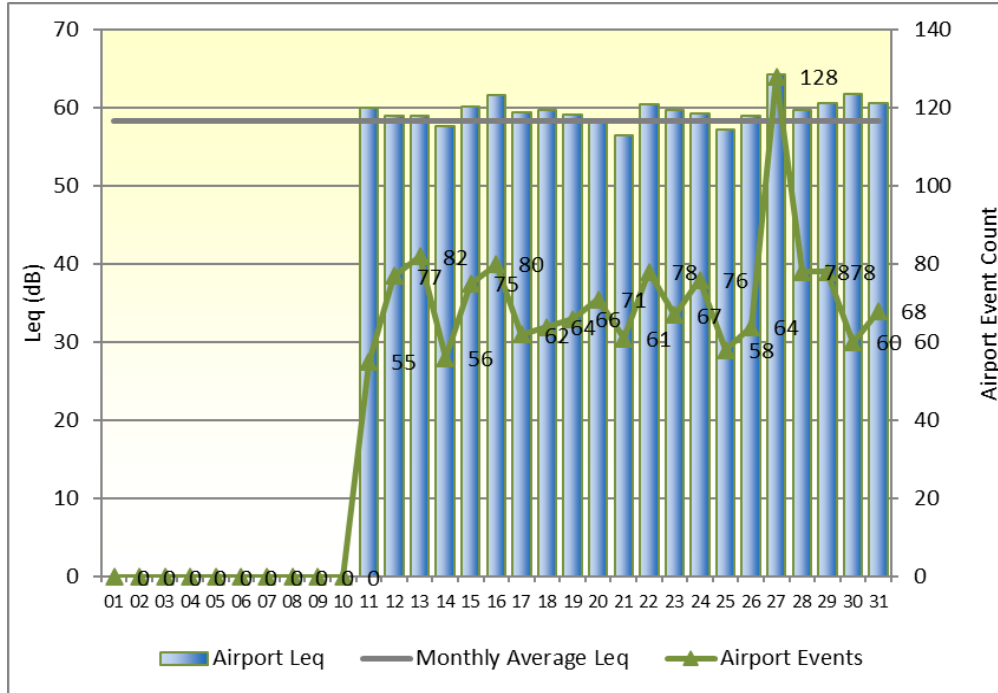


Фиг. 4.1.B – Февруари 2024 г.



Забележка\*

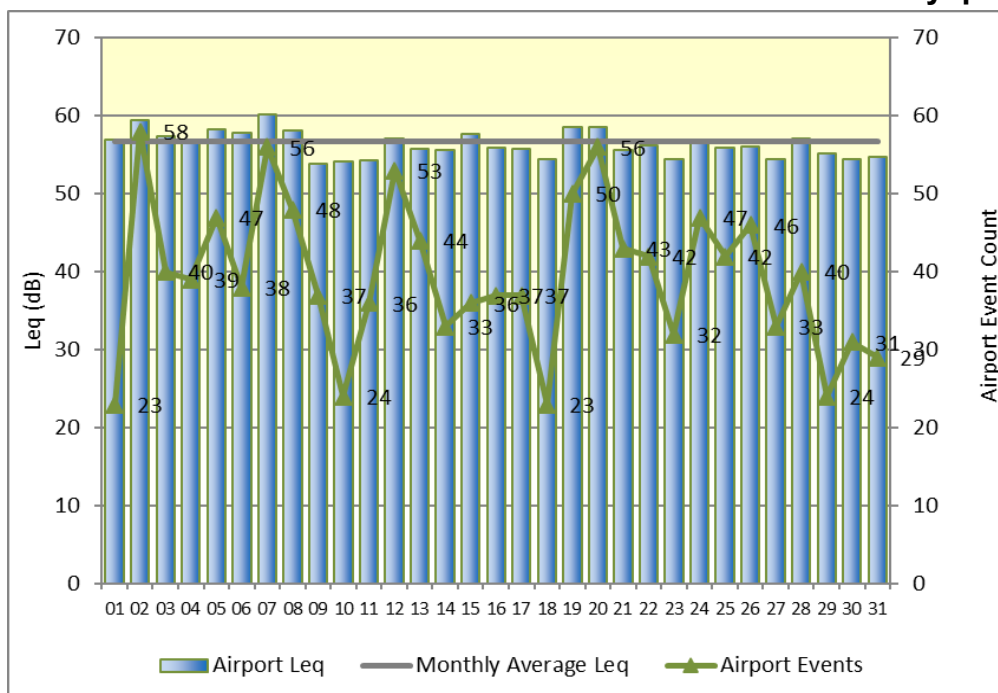
Фиг. 4.1.В – Март 2024 г.



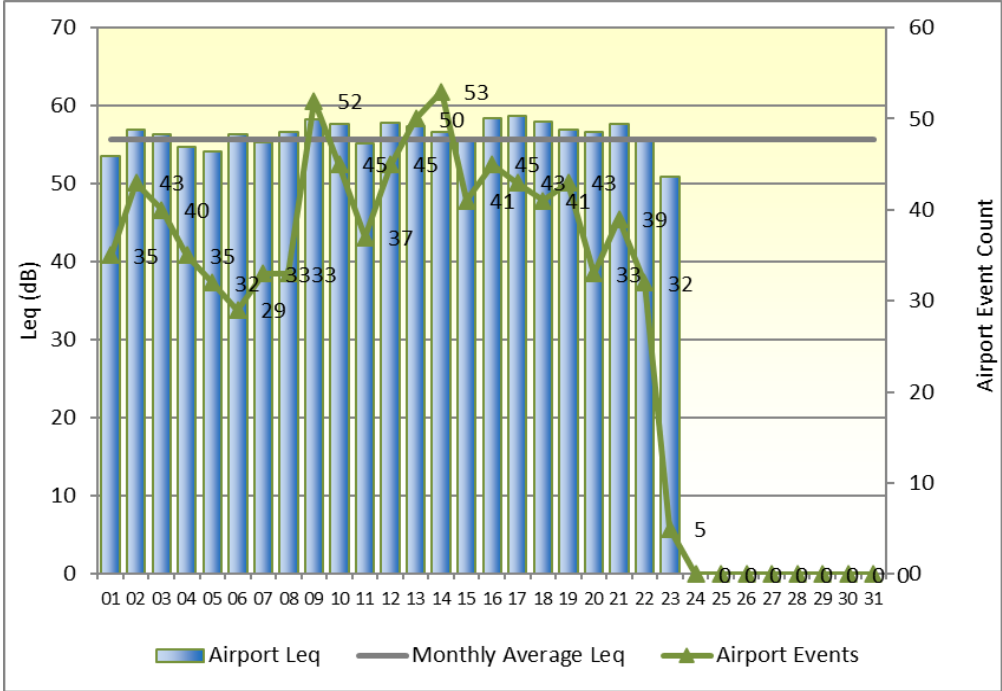
#### 4.2. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – кв. В. ЛЕВСКИ, ТЕРМИНАЛ W2

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.

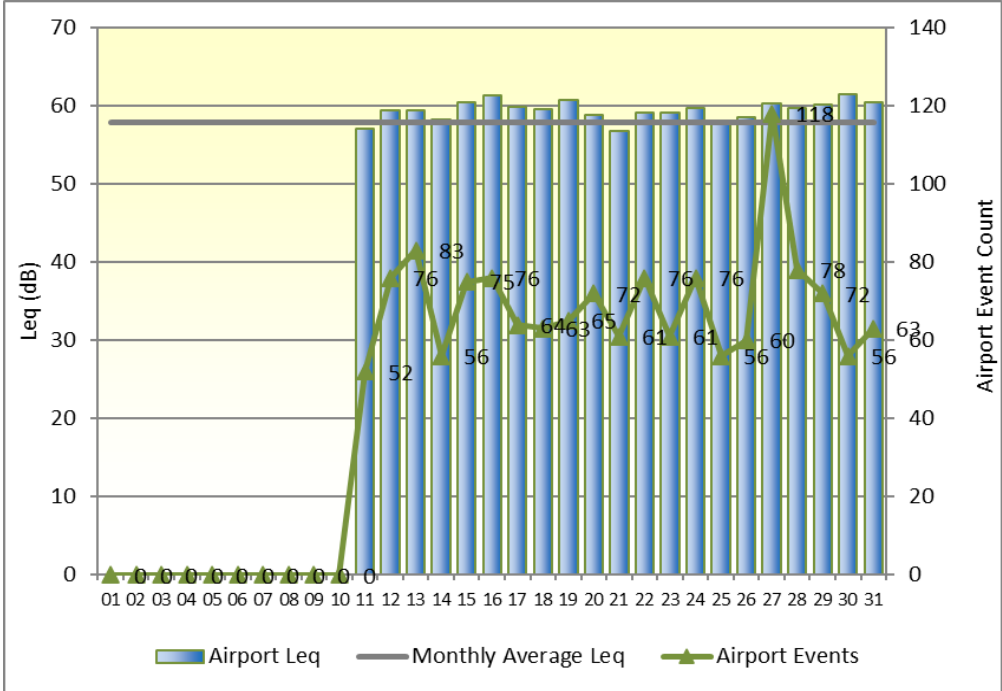
Фиг. 4.2.А – Януари 2024 г.



Фиг. 4.2.Б – Февруари 2024 г.



Фиг. 4.2.В – Март 2024 г.

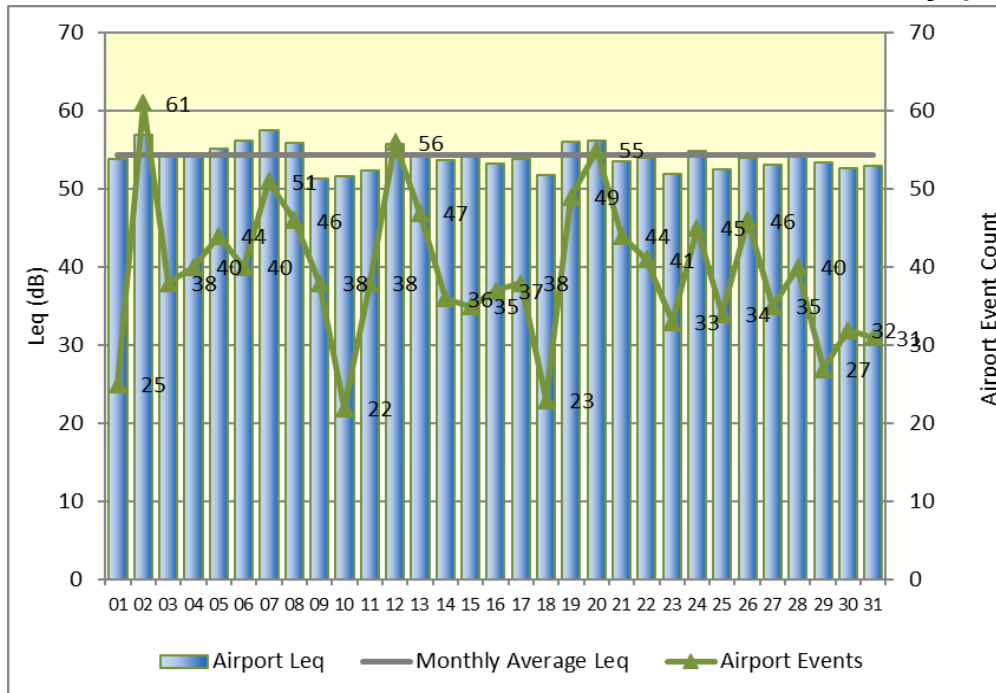




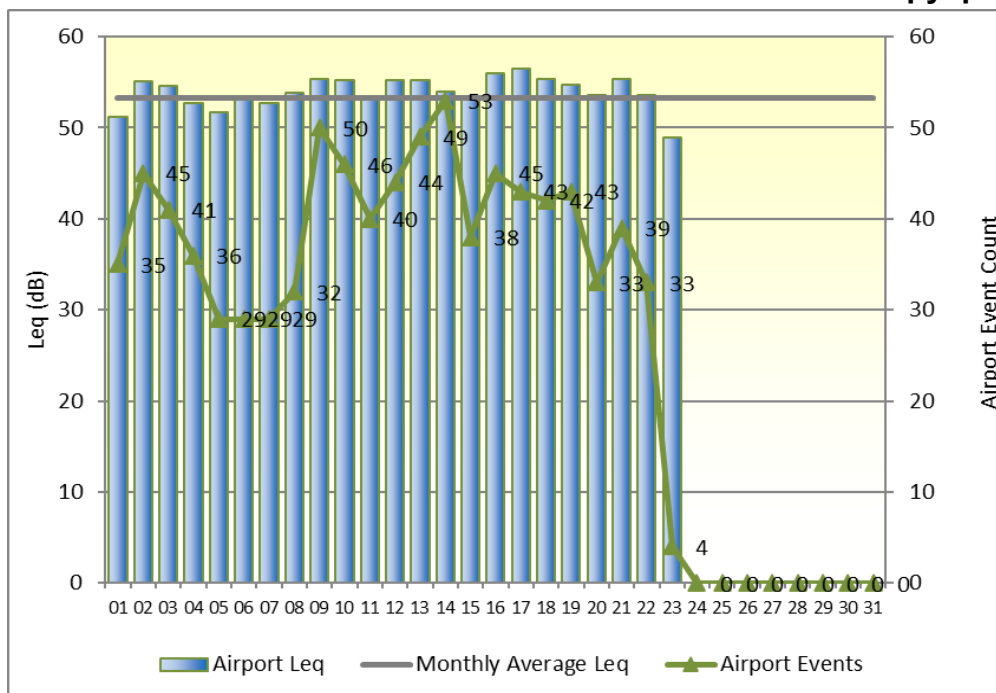
### 4.3. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН „ПОДУЯНЕ“, ТЕРМИНАЛ W3

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.

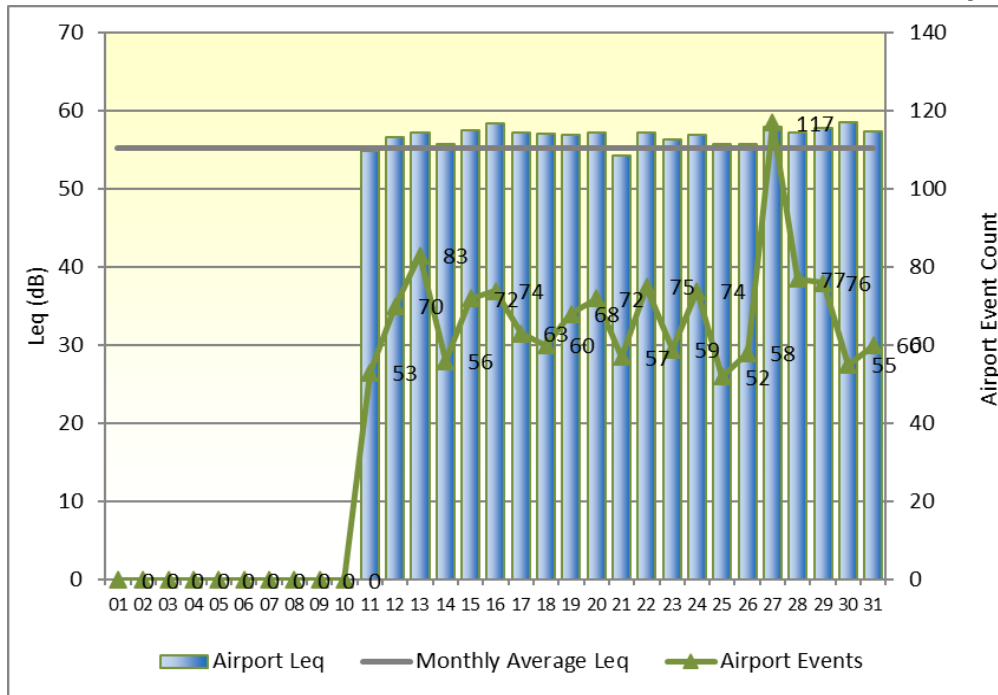
Фиг. 4.3.A – Януари 2024 г.



Фиг. 4.3.B – Февруари 2024 г.



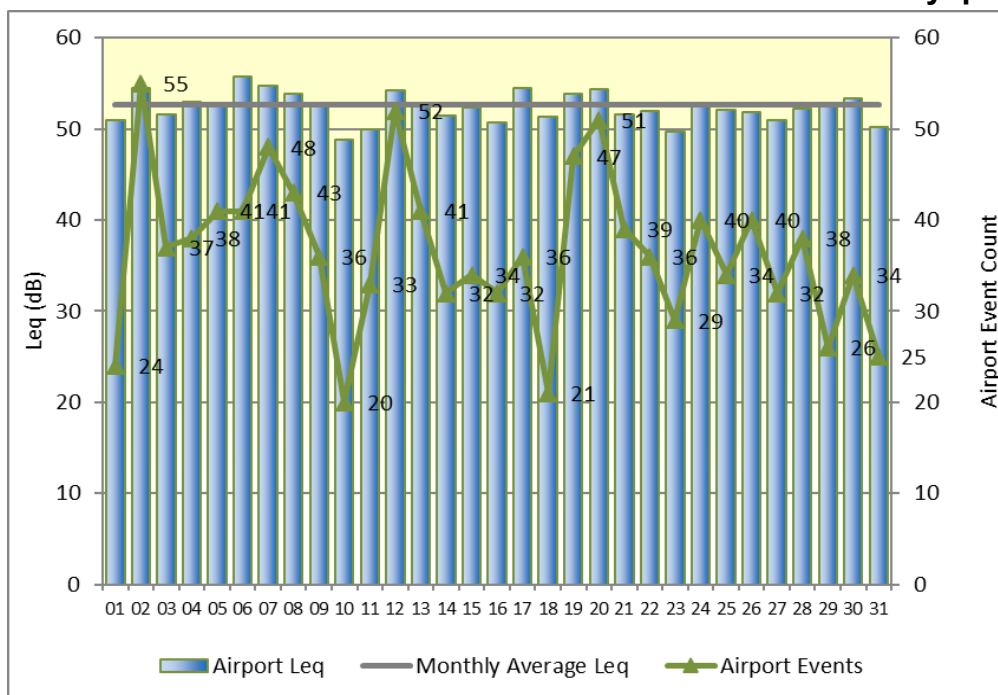
Фиг. 4.3.В – Март 2024 г.



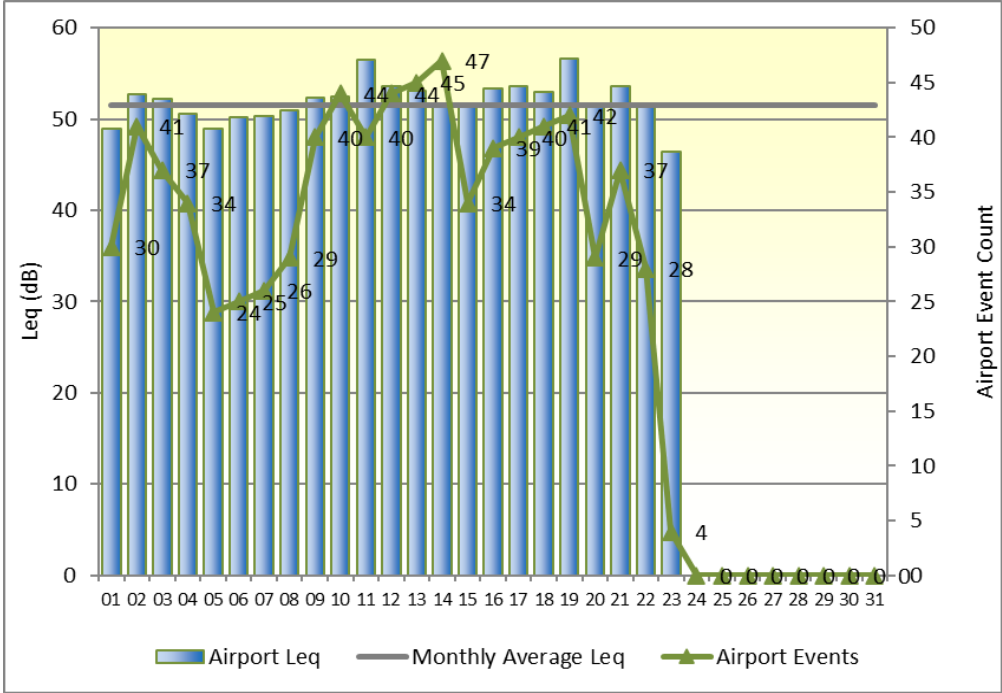
4.4. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН „ПОДУЯНЕ“, ТЕРМИНАЛ W4

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.

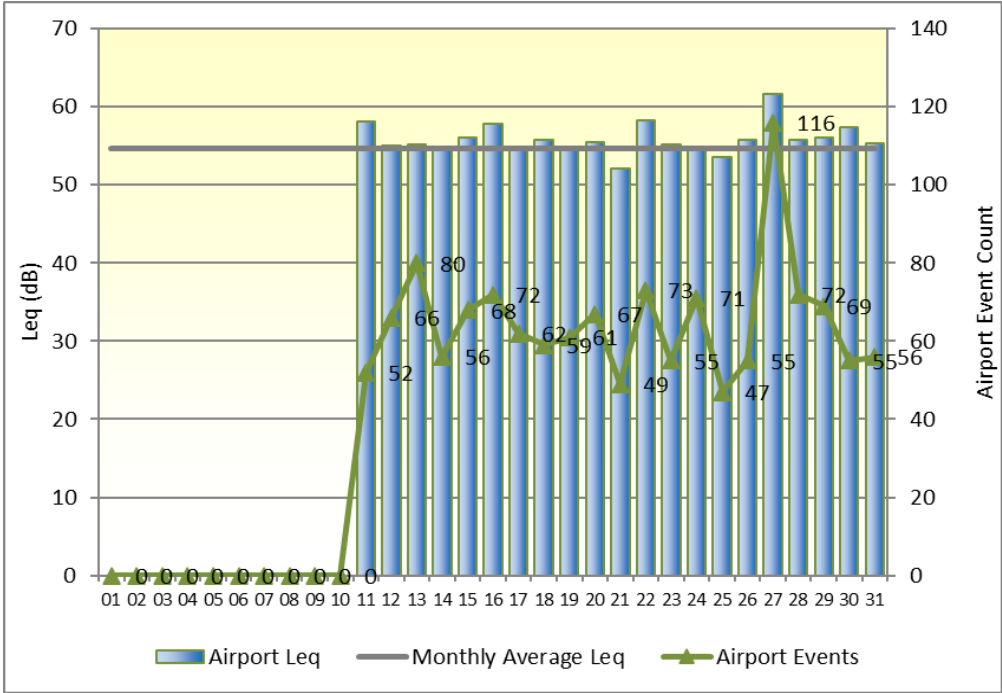
Фиг. 4.4.А – Януари 2024 г.



Фиг. 4.4.Б – Февруари 2024 г.



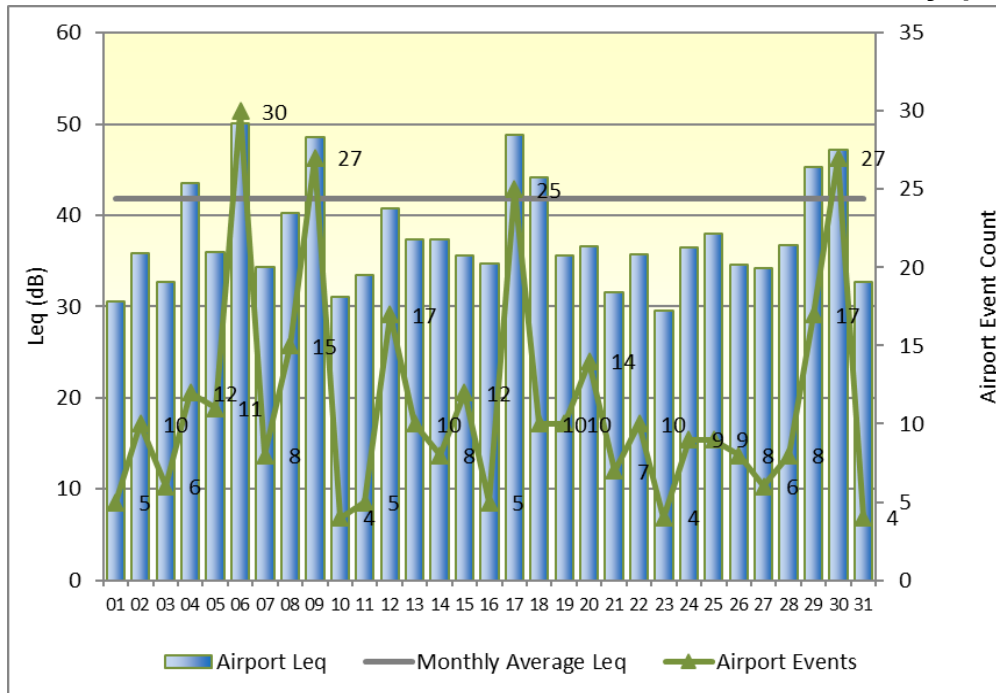
Фиг. 4.4.В – Март 2024 г.



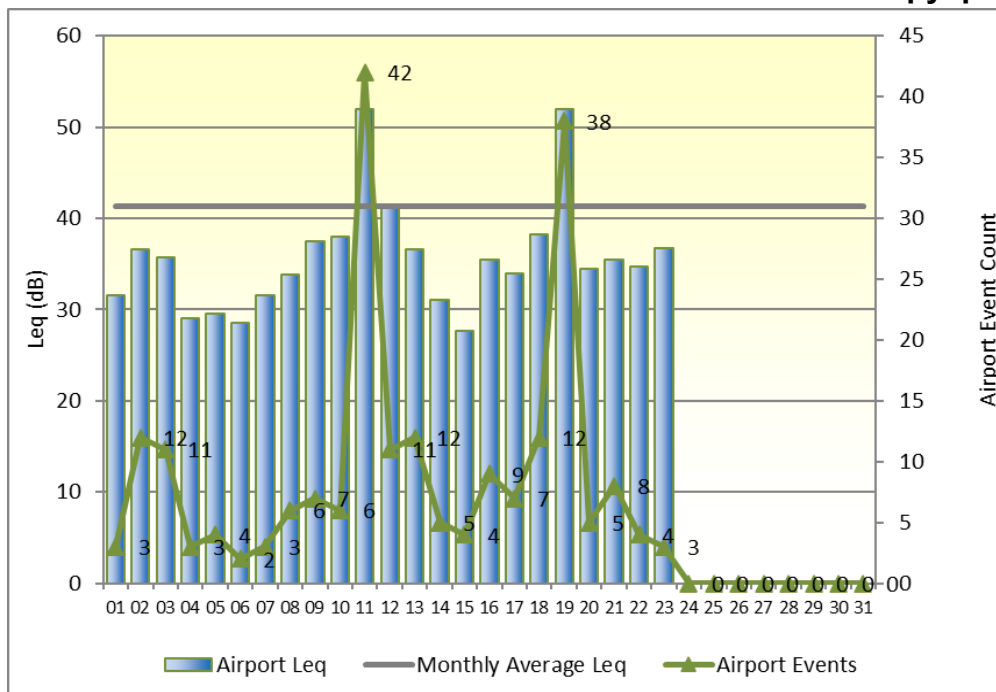
#### 4.5. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН „ОБОРИЩЕ“, ТЕРМИНАЛ W5

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.

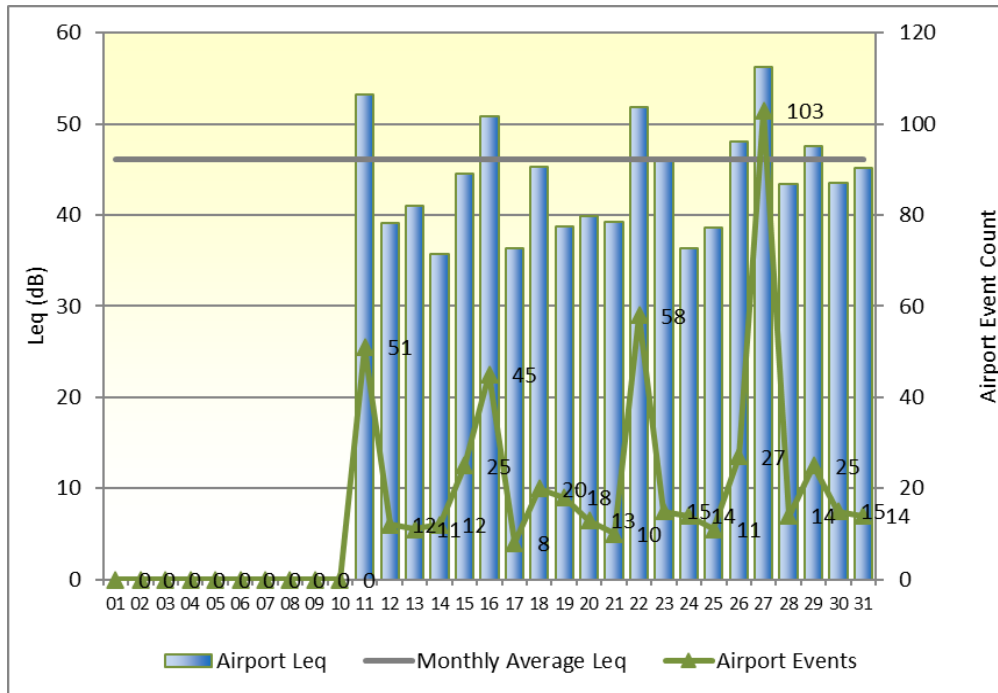
Фиг. 4.5.А – Януари 2024 г.



Фиг. 4.5.Б – Февруари 2024 г.



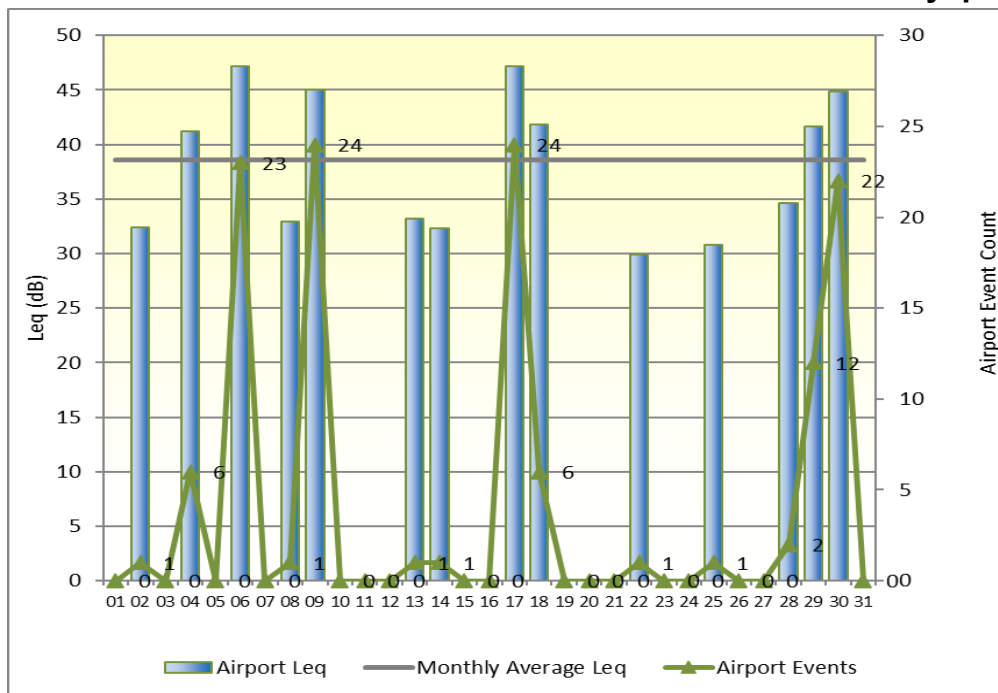
Фиг. 4.5.В – Март 2024 г.



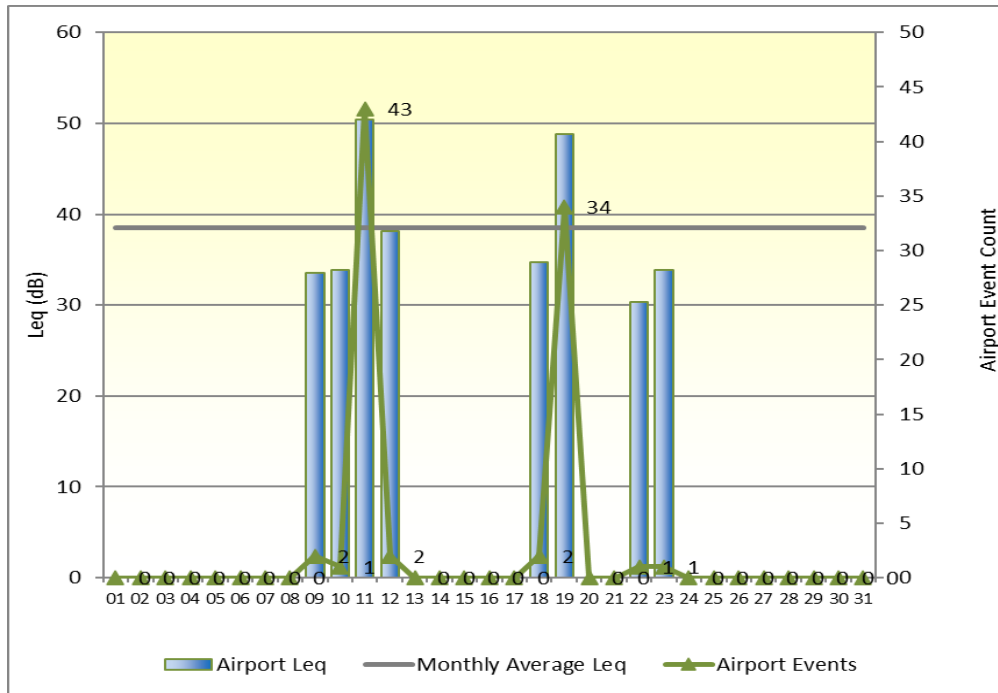
4.6. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН „ВЪЗРАЖДАНЕ“, ТЕРМИНАЛ W6

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

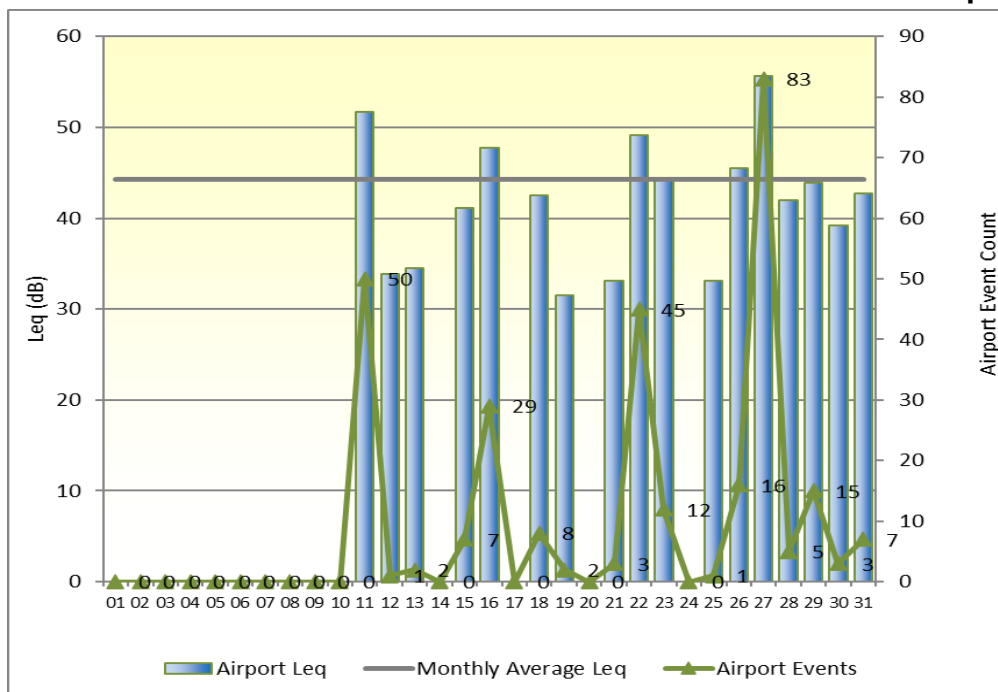
Фиг. 4.6.А – Януари 2024 г.



Фиг. 4.6.Б – Февруари 2024 г.



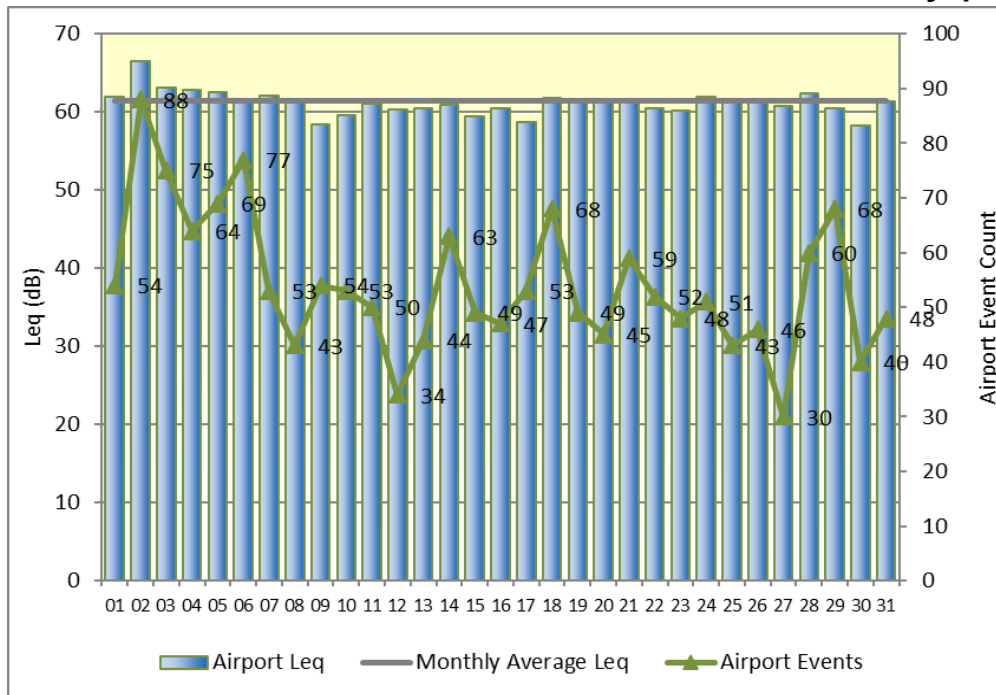
Фиг. 4.6.В – Март 2024 г.



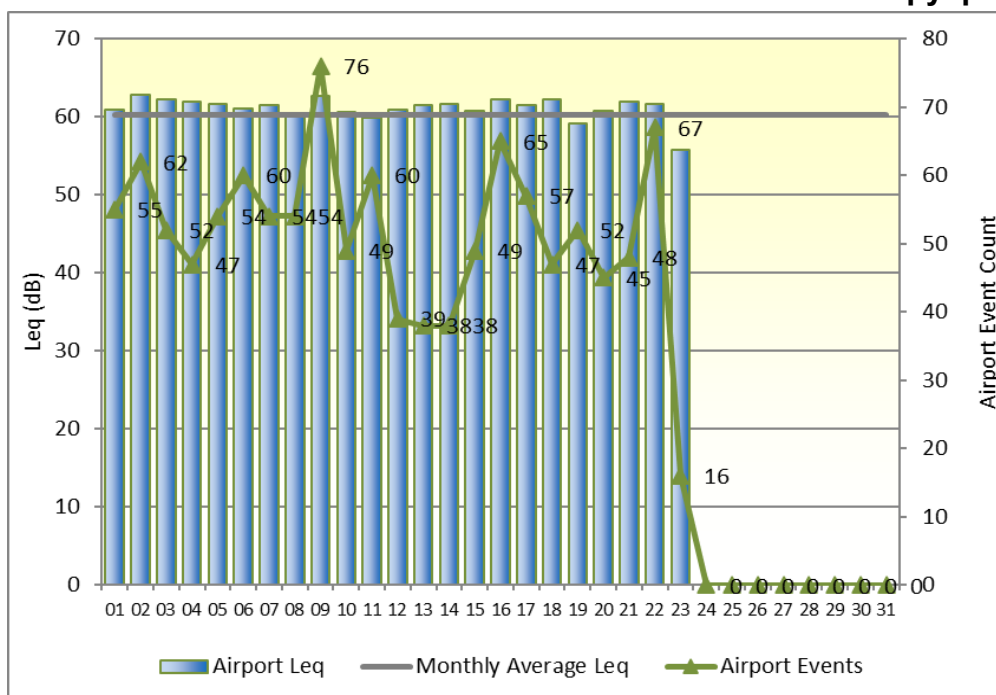
#### 4.7. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН ЛЕТИЩЕ СОФИЯ: ИЗТОЧНО НАПРАВЛЕНИЕ, ТЕРМИНАЛ Е1

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.

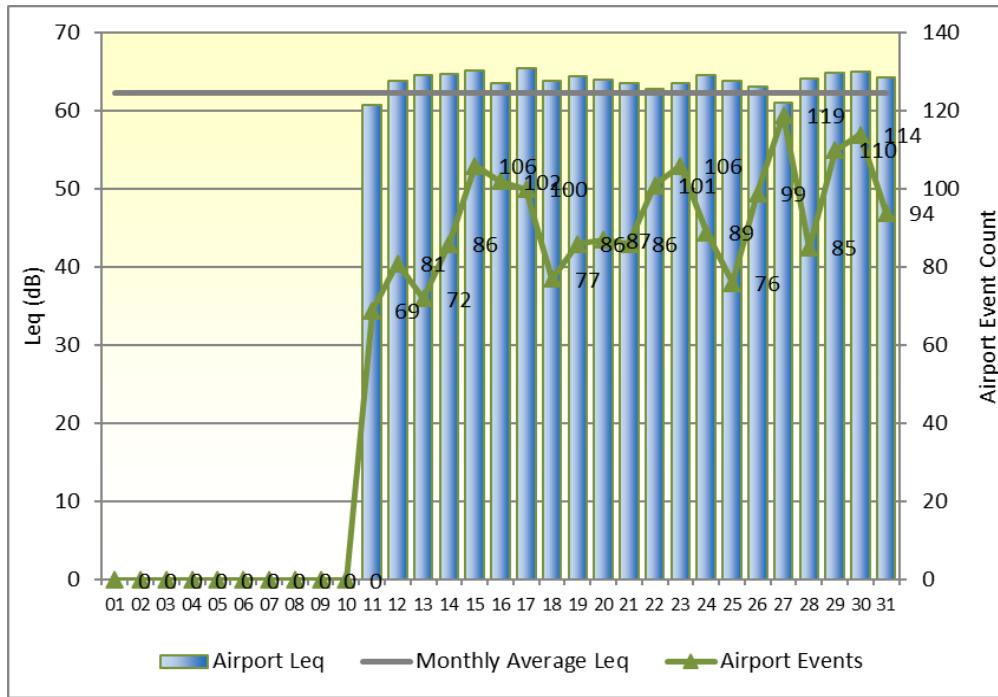
Фиг. 4.7.А – Януари 2024 г.



Фиг. 4.7.Б – Февруари 2024 г.



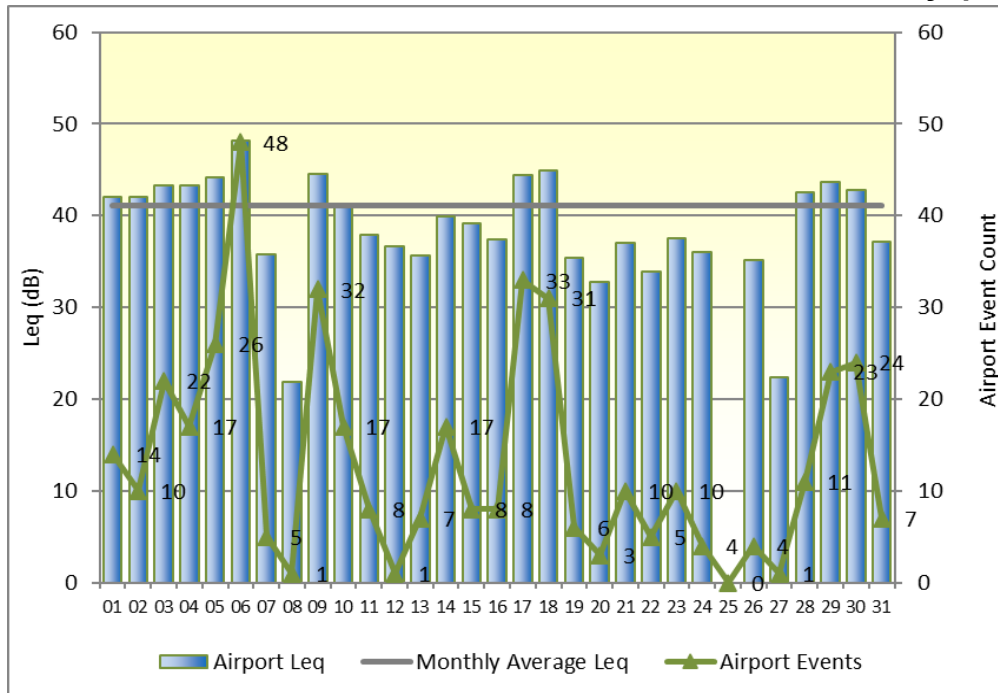
Фиг. 4.7.В – Март 2024 г.



4.8. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – с. КРИВИНА, ТЕРМИНАЛ Е2

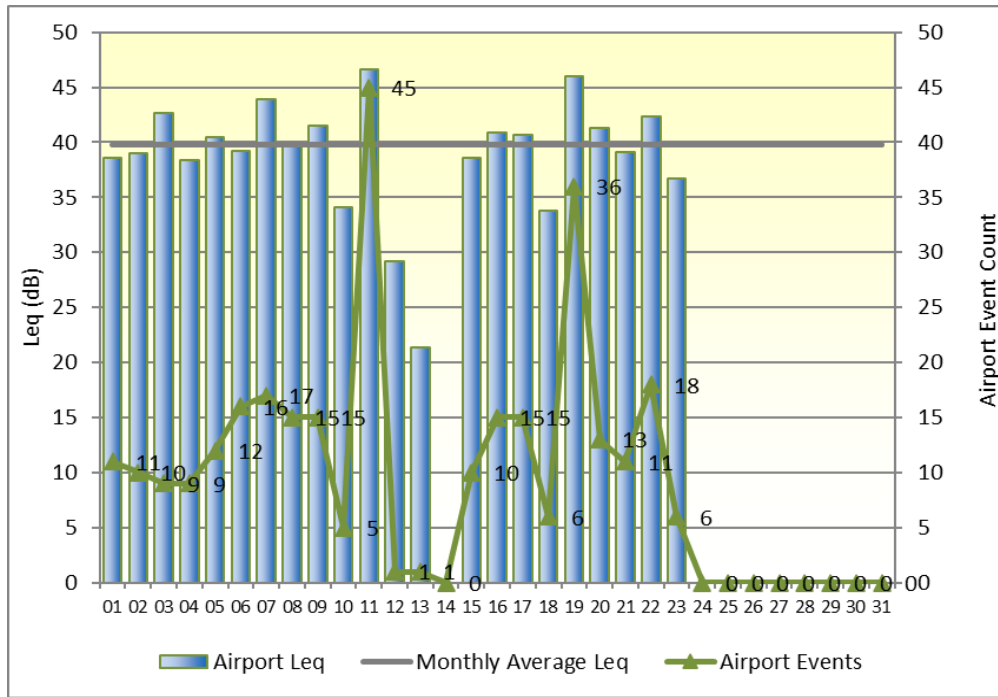
Терминалът за мониторинг на шума Е2 е разположен в двора на 155 ОУ „Св. св. Кирил и Методий“ в с. Кривина, ул. „Просвета“ № 1.

Фиг. 4.8.А – Януари 2024 г.

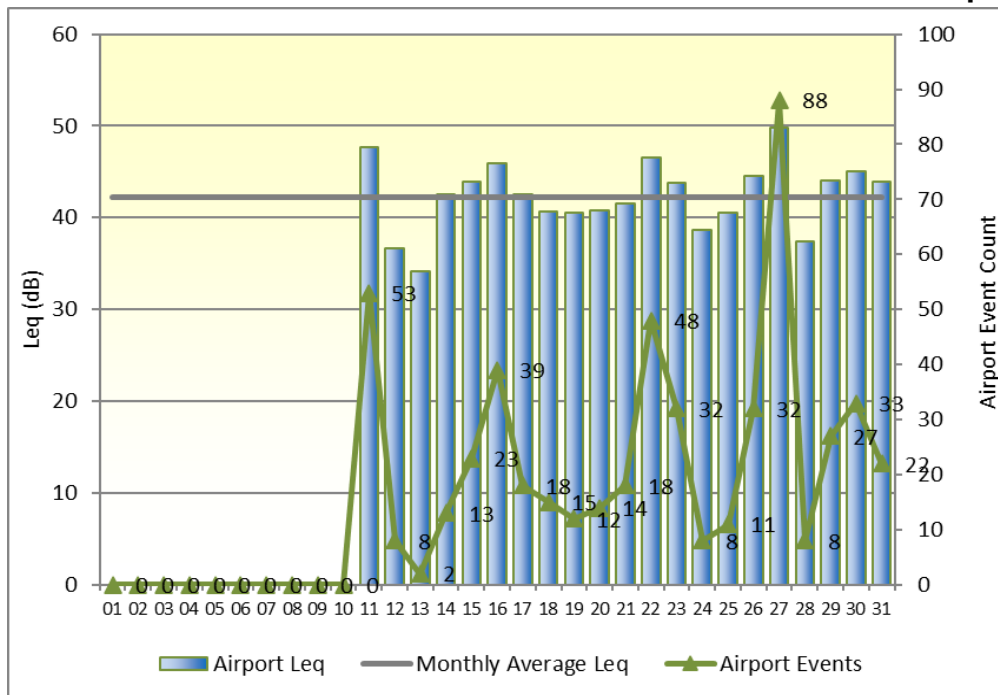




Фиг. 4.8.Б – Февруари 2024 г.



Фиг. 4.8.В – Март 2024 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 първото тримесечие на 2024 година.

Таблица 2

Терминал за мониторинг на шума	Еквивалентно ниво на шума $L_{DEN}$ , dB(A)								
	Януари 2024 г.			Февруари 2024 г.			Март 2024 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	62.8	59.5	60.1	63.1	58.4	61.2	64.8	61.2	62.4
W2	63.6	60.1	61.0	64.3	58.7	62.9	64.1	60.7	61.6
W3	62.5	57.9	60.7	62.4	56.5	61.2	63.2	58.1	61.7
W4	61.7	56.1	60.3	61.7	55.2	60.7	63.4	57.8	62.1
W5	57.6	44.3	57.4	58.2	44.7	58.1	59.5	49.7	59.1
W6	52.6	40.6	52.3	54.0	41.8	53.8	56.6	47.7	56.0
E1	72.3	66.5	71.0	72.7	65.3	71.9	73.1	67.2	71.8
E2	55.2	47.9	54.3	55.8	46.6	55.2	55.8	48.8	54.9

### 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		
	Януари 2024 г.	Февруари 2024 г.	Март 2024 г.
W1	1 253	892	1 504
W2	1 224	884	1 459
W3	1 227	878	1 431
W4	1 135	800	1 361
W5	353	217	521
W6	125	86	289
E1	1 685	1 184	1 945
E2	421	296	524

### 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. Януари, Февруари и Март 2024 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:

Н. Панчева,  
Ст. еколог, отдел ОС и ИСУ

Съгласувал:

Атанас Стоев,  
Ръководител отдел ОС и ИСУ

Monthly Trend - January 2024

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
2024-Jan-01	29	61.6	58.3	58.8	60.5	58	57	61.2	58.3	58.2	47.1	0	47.1
2024-Jan-02	61	65.2	62.7	61.8	62.7	60.1	59.3	62.2	60.4	57.7	56.3	53.4	53.6
2024-Jan-03	50	64.3	58.9	63	63.4	59.2	61.5	60.6	57.1	58	54.8	44.4	54.5
2024-Jan-04	42	63	59.1	60.9	62.9	58.8	60.9	60.6	59.1	55.1	51.1	0	51.2
2024-Jan-05	46	64.6	60	62.9	62.2	59.5	58.8	62	58.4	59.5	55.7	47.7	55.1
2024-Jan-06	46	65.3	61	63.3	62.9	59.8	60.1	64.6	59.3	63.1	54.1	49.8	52
2024-Jan-07	58	65.3	63.9	59.6	62.3	60.8	57	60.5	58.8	56	57.6	56.4	51.3
2024-Jan-08	47	63.4	60.9	60	60.4	58.1	56.9	60.1	58.6	55	55.2	51.9	52.4
2024-Jan-09	34	59.8	54.8	58.1	61.2	57.5	58.9	53.1	47.8	51.6	47.7	0	47.7
2024-Jan-10	23	60.4	55.1	59.1	59.1	56	56.2	56.4	53.7	53.2	51.4	0	51.7
2024-Jan-11	31	61.9	58.4	59.3	59.6	54.4	58.1	56.7	53.2	54.1	54	51.3	50.7
2024-Jan-12	51	63	60.6	59.4	59.7	56.4	57.1	60.1	58.8	54.3	54.8	52.1	51.5
2024-Jan-13	44	61.2	57.6	58.7	59.4	56.3	56.6	60.3	57.7	56.9	49.5	41.7	48.8
2024-Jan-14	33	62	57.2	60.6	60.4	57.1	57.6	56.9	52	55.2	53.8	47.5	53.1
2024-Jan-15	41	63.8	61.2	60.4	60.9	57.6	58.3	60.6	58.3	56.6	55.5	53.1	51.8
2024-Jan-16	37	60.2	56	58.1	60.6	57.7	57.6	56.2	53	53.3	48.6	0	48.6
2024-Jan-17	37	63.7	59.4	61.8	61.9	58.4	59.4	61.2	59	57.3	54.3	45.4	53.9
2024-Jan-18	26	62	58.2	59.7	61.1	56.6	59.3	60.8	59.1	55.8	49.5	0	49.6
2024-Jan-19	52	63.7	61.1	60.1	63.1	60.6	59.7	60	57.6	56.5	53.6	51.1	50
2024-Jan-20	56	63.5	61.8	58.8	60.8	58.3	57.2	61.1	59.7	55.9	54.6	53	49.3
2024-Jan-21	43	61.8	59.2	58.4	59	56.1	55.8	56.3	51.1	54.7	54.3	52.2	50.2
2024-Jan-22	41	59.9	57.5	56.2	58.6	56.2	54.9	58.5	57.1	53.1	48.6	44.1	46.8
2024-Jan-23	33	60.6	58.6	56.3	58.7	55.3	55.9	56.1	53.4	52.8	52.4	51.2	46
2024-Jan-24	48	62.2	60	58.3	59.9	57.2	56.6	57.5	55.6	53.2	54.3	52.2	50.1
2024-Jan-25	43	63.4	60.3	60.5	60.9	56.9	58.7	58.5	54.9	56	55.5	53	52.1
2024-Jan-26	46	63.1	60.6	59.1	61.2	55.7	58.8	59.8	56.6	57	54.2	53.2	47
2024-Jan-27	33	64.1	59.5	62.1	62.4	53	61.6	61.4	57	59.5	54.5	52.1	50.8
2024-Jan-28	40	61.7	58.8	58.6	61.4	58.9	57.8	58.8	54.5	56.7	50.8	48.3	47.1
2024-Jan-29	20	61.3	57	59.4	59.8	55.8	57.7	59.9	57.3	56.5	50.2	37.2	50
2024-Jan-30	33	60.7	56.1	58.9	61.2	58.4	58.1	56	51	54.4	49.5	0	49.5
2024-Jan-31	29	61.8	56.3	60.3	61.4	55.7	60	57.2	55.9	51.2	52.2	0	52.2

Monthly Trend - January 2024

Monitor W2: 18, Gr. Tzamblak 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
2024-Jan-01	23	62.6	59	60.1	61.4	58.7	58	62.6	59	60.2	46.7	0	46.7
2024-Jan-02	58	65.5	63.4	61.5	63.2	60.8	59.6	62.7	60.7	58.4	56.5	54.6	52.5
2024-Jan-03	40	63.7	59.1	62	63.6	59.5	61.5	60.5	57.3	57.9	52.8	44.4	52.2
2024-Jan-04	39	63.1	59.3	60.9	63.1	58.4	61.5	61.2	59.8	56	49.7	0	49.8
2024-Jan-05	47	64.2	60.7	61.7	62.8	59.9	59.6	62.7	59.3	60	53.2	48.7	51.5
2024-Jan-06	38	64.4	60.9	61.9	62.7	59.5	60	63	58.3	61.3	53.6	51.1	50
2024-Jan-07	56	66	64.6	60.6	63.2	61.5	58.5	61.4	59.2	57.5	58.2	57.2	51.7
2024-Jan-08	48	64.7	62.1	61.3	62.1	59.1	59.3	61.6	59.8	57.1	56.1	53.3	52.8
2024-Jan-09	37	60.1	54.4	58.8	61.1	56.7	59.3	54.2	48.8	52.8	48.5	0	48.5
2024-Jan-10	24	60.8	55.7	59.2	60.6	56.3	58.6	57.6	54.6	54.5	49.9	26.8	49.9
2024-Jan-11	36	63.6	59.6	61.6	61.4	55.2	60.4	58.1	54	56	55.8	52.7	53.1
2024-Jan-12	53	64.4	61.6	61.3	61.6	57.7	59.5	61.2	59.9	55.4	56.1	52.8	53.3
2024-Jan-13	44	63.3	58.5	61.7	61	57.1	58.9	61.8	58.7	59.1	53.4	43	53
2024-Jan-14	33	62.4	57.8	60.9	61.5	57.8	59.2	57.1	53.6	54.5	53.8	47.3	53.3
2024-Jan-15	36	64.8	62	61.7	62.1	58.7	59.5	61.6	59.1	58.1	56.3	53.6	53
2024-Jan-16	37	62.1	56.8	60.7	61.9	58.4	59.5	57.6	53.8	55.3	52.2	0	52.2
2024-Jan-17	37	62.9	57.5	61.5	61.9	58.1	59.8	59.1	55.5	56.6	53.4	42.1	53.2
2024-Jan-18	23	62	58.2	59.8	60.8	55.5	59.4	61.1	59.6	55.8	49.6	0	49.7
2024-Jan-19	50	65.1	61.7	62.6	63.1	60.4	59.9	61.5	58.7	58.5	56.4	52.1	54.6
2024-Jan-20	56	64.4	62.6	59.8	62.4	59.5	59.3	61.6	60.3	55.7	55.4	53.8	50
2024-Jan-21	43	63.2	60.2	60.2	60.7	57.2	58.2	57.6	52.9	55.9	55.5	53.1	51.9
2024-Jan-22	42	61.7	59.1	58.4	60.6	57.4	57.9	60	58.8	54.1	50.6	46.1	48.8
2024-Jan-23	32	61.8	59.1	58.5	59.7	55.8	57.6	57.3	54.4	54.1	53.6	51.6	49.4
2024-Jan-24	47	63.6	60.9	60.3	61.3	58	58.7	58.4	56.1	54.7	55.7	53.1	52.2
2024-Jan-25	42	64.8	60.7	62.9	61.8	57.2	60.2	59.8	55.8	57.8	57.2	53.3	55.2
2024-Jan-26	46	64.4	61.4	61.4	62.5	56.9	60.6	60.9	57.7	58.2	55.6	53.7	51.2
2024-Jan-27	33	65.2	60.2	63.5	63.6	53.8	63	62.1	57.4	60.4	55.8	52.8	52.9
2024-Jan-28	40	63.4	59.6	61.2	62.8	59.2	60.4	60.6	55.8	58.9	52.8	49.4	50.2
2024-Jan-29	24	61.6	56.6	59.9	60.7	57.2	58.3	59	55.8	56.3	50.9	0	50.9
2024-Jan-30	31	61.2	55.4	59.9	60.9	57.1	58.6	58	52.2	56.9	50.3	0	50.4
2024-Jan-31	29	61.6	56.6	60	60.4	56.1	58.6	57.9	56.2	53	52.7	0	52.7



Monthly Trend - January 2024

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
2024-Jan-01	25	60.9	55.6	59.5	59	55.7	56.5	59.7	55.4	57.9	50.1	0	50.1
2024-Jan-02	61	63.8	61	60.6	61.6	58.2	59.2	60.8	58.3	57.5	54.8	52.3	51.3
2024-Jan-03	38	62.8	56.3	61.8	61.9	56.2	60.9	59	54.7	57.2	53.1	42.6	52.8
2024-Jan-04	40	62.4	57.1	61.1	61.8	55.4	61.1	60.1	58.2	56	51.1	0	51.2
2024-Jan-05	44	62.9	58.1	61.3	61.6	56.9	60.1	60.9	56.4	59	52.3	46.9	50.9
2024-Jan-06	40	63.1	59.2	60.9	61.5	58.1	59.1	61.1	56.2	59.6	52.9	49.5	50.2
2024-Jan-07	51	64.3	61.8	60.7	61.5	59.1	57.9	59.4	56	56.8	56.6	54.4	52.7
2024-Jan-08	46	63.9	60	61.7	61.3	57.1	59.4	60.1	57.6	56.4	55.7	51.3	53.9
2024-Jan-09	38	60.2	52.1	59.6	59.8	54.1	58.6	55.2	47.8	54.4	50.8	0	50.8
2024-Jan-10	22	61	53.2	60.2	59.6	53.8	58.4	57.5	52.1	56.1	51.7	0	51.7
2024-Jan-11	38	63	57.4	61.8	59.9	53.3	58.9	57.9	52.6	56.6	55.7	50.4	54.4
2024-Jan-12	56	63.9	59.8	61.9	60.8	56.3	59.1	60.8	59	56.3	55.7	50	54.4
2024-Jan-13	47	62.4	57.5	60.8	59.9	55.7	57.9	60.7	57.5	57.9	52.7	43.4	52.2
2024-Jan-14	36	61.3	55.8	59.9	59.5	56	57.1	56.9	51.8	55.4	52.7	44.9	52
2024-Jan-15	35	63.2	59.4	61	60.6	55.2	59.4	59.5	56.1	57.1	54.8	51.6	52.1
2024-Jan-16	37	60.8	53.8	59.9	60.6	55.9	59.1	56.3	49.5	55.3	50.8	0	50.8
2024-Jan-17	38	61.7	55.3	60.7	61	56.1	59.6	57.8	52.9	56.2	51.8	39.7	51.6
2024-Jan-18	23	61.7	55	60.8	60.1	53	59.4	58.9	56.1	55.9	52.1	0	52.2
2024-Jan-19	49	63.6	59.8	61.4	61.6	57.3	59.7	60.3	57.7	57.1	54.8	50.6	52.9
2024-Jan-20	55	62.9	60.5	59.4	60.9	56.9	59	60.4	58.7	55.9	53.6	51.6	49.1
2024-Jan-21	44	62.3	58.2	60.2	58.6	55	56.2	57.5	52.2	56	54.9	51	52.7
2024-Jan-22	41	62	57	60.4	60.1	55.4	58.5	59.2	56.4	56.1	52.9	44.9	52.1
2024-Jan-23	33	60.9	56.6	59.1	59.2	53.4	58	57.1	53.3	54.9	52.2	48.4	50
2024-Jan-24	45	62	58.6	59.4	60.4	56.6	58.2	57.5	54.6	54.6	53.4	50.2	50.7
2024-Jan-25	34	63.5	58	62.3	60.1	53.1	59.3	59.3	53.5	58.2	55.7	50.7	54.3
2024-Jan-26	46	63.1	59.3	60.4	60.9	54.1	59.6	59.9	56.6	57.6	54.3	51.7	50.1
2024-Jan-27	35	63.4	58.6	61.7	61.5	51.8	60.7	61.3	57.4	59	53.8	50.2	51.4
2024-Jan-28	40	61.9	57.4	59.9	60.6	56.5	58.5	58.7	53.4	57.2	52.3	48.1	50.2
2024-Jan-29	27	60.8	55	59.5	60.3	55.4	58.8	57.7	54.4	55.1	50.1	0	50.1
2024-Jan-30	32	61.6	53.4	61	60.2	55.3	58.7	57.5	49.5	56.8	52.8	0	52.8
2024-Jan-31	31	61	54.7	59.9	59.9	54.6	58.6	57.6	53.8	55.4	51.6	0	51.6

Monthly Trend - January 2024

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
2024-Jan-01	24	58.6	52.9	57.3	56.7	52.7	54.6	56.6	53	54.3	48.8	0	48.8
2024-Jan-02	55	62.3	58.6	60	59.8	55.7	57.7	59	56.1	56	53.8	49.9	51.6
2024-Jan-03	37	60.9	53.7	60	59.5	53.6	58.2	56.7	52.1	55	52.1	40.1	51.8
2024-Jan-04	38	62.1	55.4	61.1	62	54.1	61.4	58.8	56.2	55.5	51.1	0	51.1
2024-Jan-05	41	61.9	55.9	60.8	60.9	54.3	60	58.8	54.4	56.9	52.1	45.1	51.2
2024-Jan-06	41	62.7	58.9	60.5	60.1	56.8	57.5	62.3	58.9	59.7	51.6	46.1	50.2
2024-Jan-07	48	62.2	59.2	59.3	58.9	56.2	55.6	57.5	53.6	55.3	54.6	51.7	51.7
2024-Jan-08	43	64.1	57.8	63	60.7	55	59.5	59.9	55.8	58	56.4	48.8	55.6
2024-Jan-09	36	62.5	53.1	62	61	55.6	59.6	55	46.2	54.5	54.7	0	54.7
2024-Jan-10	20	61.8	50.8	61.5	58.7	50.6	58	58.7	50.8	58	53.6	0	53.6
2024-Jan-11	33	61.6	55	60.6	59.1	50.9	58.5	56.6	49.7	55.8	53.9	47.9	52.6
2024-Jan-12	52	62.8	58.3	61	60.1	54.3	58.9	59.8	58.2	55	54.2	47.7	53.2
2024-Jan-13	41	60.2	55.6	58.5	58.3	53.5	56.7	58.9	55.9	56	49.7	41.3	49
2024-Jan-14	32	59.7	53.9	58.5	58.7	53.4	57.2	55.7	51.3	53.8	50.5	42.8	49.7
2024-Jan-15	34	61.4	57.1	59.4	59.2	53.3	58	57.2	53.3	54.8	53.1	49.5	50.7
2024-Jan-16	32	59.8	51.3	59.2	59.7	53.4	58.7	54.7	47.1	53.9	50.1	0	50.1
2024-Jan-17	36	61.7	57.2	59.8	60.4	56	58.6	59.7	56.7	56.9	51	43.7	50.1
2024-Jan-18	21	60.4	53.9	59.4	60.2	53.5	59.1	56.9	54	54	49.8	0	49.8
2024-Jan-19	47	64.1	57.8	63.2	61	54.9	60	59.6	55.9	57.8	56.4	48.6	55.8
2024-Jan-20	51	62.4	58.8	60	60.4	54.9	59.1	59.1	56.9	55.3	53.6	50.2	51
2024-Jan-21	39	60.5	56.3	58.5	57.1	53.1	55.1	56	49.7	55	52.9	49.2	50.6
2024-Jan-22	36	59.8	54.9	58.1	59.2	53.3	58	56.5	54.2	52.7	49.5	43	48.5
2024-Jan-23	29	60.3	54	59.2	57.6	51.2	56.6	56.1	51.5	54.4	52.3	45.2	51.3
2024-Jan-24	40	60.6	56.5	58.5	59.1	54.4	57.3	55.8	52.3	53.2	52.1	48.2	49.8
2024-Jan-25	34	63.5	56.3	62.8	60.5	53.7	59.6	58.2	51	57.4	56	48.6	55.4
2024-Jan-26	40	62.4	57.5	60.8	60.7	51.7	59.9	58.9	54.7	56.9	53.5	50	51.3
2024-Jan-27	32	63.5	56.9	62.4	62.6	49.5	62.2	60	55.4	58.3	53.8	48.9	52.1
2024-Jan-28	38	60.5	55.3	58.9	58.6	53.9	56.9	57.4	52.2	55.9	51.4	45.8	50
2024-Jan-29	26	60.6	55	59.2	59.8	53.6	58.7	58.4	55.9	55	49.5	0	49.5
2024-Jan-30	34	60.5	53.7	59.5	61	56.1	59.4	55.9	47.2	55.3	49.2	0	49.2
2024-Jan-31	25	59.7	51.5	59.1	59.1	52	58.3	55.6	49.8	54.4	50.2	0	50.2

Monthly Trend - January 2024

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
2024-Jan-01	5	53	33.6	53	50.6	30.6	50.6	48.9	35.2	48.6	44.9	0	44.9
2024-Jan-02	10	57.1	41.1	57	55.5	38.3	55.5	52.6	33	52.5	48.6	34	48.5
2024-Jan-03	6	57	34.7	57.1	57.3	34.9	57.5	53.3	34.3	53.3	45.5	0	45.5
2024-Jan-04	12	58.4	44.1	58.4	58.7	46.2	58.7	53.3	39.8	53.1	48	0	48
2024-Jan-05	11	57.5	38.1	57.6	57.6	38.2	57.8	54.1	35	54.1	46.1	26.8	46.1
2024-Jan-06	30	58.7	53.2	57.3	57.9	50.4	57.2	57.3	54.6	54	46.5	30	46.4
2024-Jan-07	8	57.3	34.3	57.3	54.6	37.3	54.5	54.5	0	54.5	48.7	0	48.7
2024-Jan-08	15	58.7	41.7	58.8	58.8	42.5	59	55.7	39.3	55.8	46.9	25.9	46.9
2024-Jan-09	27	58.5	48.5	58.2	59.2	51.5	58.6	54.4	0	54.5	46.4	0	46.4
2024-Jan-10	4	57.4	32.5	57.6	57.4	33.2	57.6	54.7	31.5	54.8	45.7	0	45.7
2024-Jan-11	5	58	37.1	58.1	57.8	35.8	57.9	55.2	0	55.3	46.9	29.9	46.8
2024-Jan-12	17	58.4	44.8	58.3	58.5	39.9	58.6	54.6	46	54	47.3	31	47.2
2024-Jan-13	10	57.8	39.3	57.9	57.6	39.5	57.8	54.1	36.6	54.1	47.3	27.1	47.3
2024-Jan-14	8	55.7	41.5	55.6	53.3	35.6	53.3	54	43.2	53.6	46	25.9	45.9
2024-Jan-15	12	58.1	41	58.1	58.5	36.3	58.6	53.9	36.3	53.8	46.9	33.8	46.7
2024-Jan-16	5	57.3	34.7	57.4	57.1	37.8	57.2	54.7	0	54.8	45.9	0	45.9
2024-Jan-17	25	59.5	51.8	58.8	58.5	49.8	58.1	56.8	51.8	55.2	49.3	38.3	48.9
2024-Jan-18	10	58.8	46.4	58.6	58.5	47.1	58.3	54.3	45.1	53.8	48.9	24.8	48.9
2024-Jan-19	10	57.5	41.7	57.5	57.2	33.6	57.3	53.5	39.8	53.3	47.4	34.2	47.2
2024-Jan-20	14	57.9	42	57.9	57.6	34.3	57.9	52.1	41.8	51.7	48.6	33	48.5
2024-Jan-21	7	54.4	35.4	54.3	51.7	33.9	51.6	49.5	0	49.5	46.7	28.3	46.6
2024-Jan-22	10	56.7	36.2	56.7	56.9	38.5	56.9	52.1	30.6	52.1	46	0	46
2024-Jan-23	4	56.7	32.4	56.7	56.3	30	56.4	52.4	33.7	52.4	46.8	0	46.8
2024-Jan-24	9	57.3	39.5	57.3	57.3	38.7	57.4	54.4	34.1	54.4	45.6	30.6	45.5
2024-Jan-25	9	57.1	40.6	57.1	56.8	40.6	56.9	52.6	0	52.6	47.2	32.3	47.1
2024-Jan-26	8	57.6	41	57.5	57.2	33.3	57.1	52.8	37.5	52.7	48	34.1	47.8
2024-Jan-27	6	57.6	40.7	57.6	57.7	31.9	57.7	52.3	38.7	52.2	47.7	33.3	47.6
2024-Jan-28	8	56.1	39.4	56.1	54.1	39.1	54	50.7	31.6	50.7	48.2	30.8	48.1
2024-Jan-29	17	57.9	49	57.4	58.3	44.2	58.3	54.5	51	51.9	46	0	46
2024-Jan-30	27	57.4	47.2	57.1	58	50.2	57.3	52.4	0	52.5	46.5	0	46.5
2024-Jan-31	4	58	33.1	58.1	58.1	35.1	58.3	53.5	26.5	53.6	47.3	0	47.3

Monthly Trend - January 2024

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
2024-Jan-01	0	49.1	0	49.1	45.1	0	45.1	45.6	0	45.6	41.4	0	41.4
2024-Jan-02	1	50.7	32.4	50.6	49.2	35.4	49	46.5	0	46.5	42	0	42
2024-Jan-03	0	50.4	0	50.4	49.3	0	49.3	46.6	0	46.6	41.1	0	41.1
2024-Jan-04	6	53.2	41.2	52.9	53.2	44.2	52.6	47.1	0	47.1	43.6	0	43.6
2024-Jan-05	0	56.2	0	56.7	58.5	0	59.1	46.1	0	46.1	41.2	0	41.2
2024-Jan-06	23	54.6	50.4	52.5	51.6	47.1	49.7	54.4	52	50.7	43.3	0	43.3
2024-Jan-07	0	51.1	0	51.1	46.3	0	46.3	46.5	0	46.5	44	0	44
2024-Jan-08	1	52.6	32.9	52.6	51.7	35.9	51.6	46.7	0	46.7	44.1	0	44.1
2024-Jan-09	24	52	45	51	53.1	48	51.5	43.3	0	43.3	41.4	0	41.3
2024-Jan-10	0	51.4	0	51.3	51.9	0	51.9	45.2	0	45.2	41	0	41
2024-Jan-11	0	55.5	0	55.5	53.5	0	53.6	45.2	0	45.2	48.2	0	48.2
2024-Jan-12	0	51.1	0	51.1	50.2	0	50.2	46.5	0	46.5	41.9	0	41.9
2024-Jan-13	1	51.1	33.2	51	49.1	36.2	48.9	47.9	0	47.9	42.1	0	42.1
2024-Jan-14	1	54.3	37.3	54.2	46.7	0	46.7	47	40.1	46	48.2	0	48.2
2024-Jan-15	0	52	0	52	49.2	0	49.2	46.5	0	46.5	44.4	0	44.4
2024-Jan-16	0	52.3	0	52.3	50.4	0	50.4	45.7	0	45.7	44.5	0	44.5
2024-Jan-17	24	56.7	50	55.7	56.2	48.5	55.4	53.1	49.8	50.2	46.8	36.5	46.3
2024-Jan-18	6	53.6	44.1	53.1	53	44.7	52.3	48	43.1	46.4	44.5	0	44.5
2024-Jan-19	0	55.4	0	55.6	56.9	0	57.2	48	0	48	43.2	0	43.2
2024-Jan-20	0	48.1	0	48.1	46.3	0	46.3	44.9	0	44.9	39	0	39
2024-Jan-21	0	48.4	0	48.4	45.4	0	45.4	43	0	43	40.9	0	40.9
2024-Jan-22	1	48.8	29.9	48.7	48	32.9	47.9	42.7	0	42.7	40.1	0	40.1
2024-Jan-23	0	49.6	0	49.6	48.4	0	48.4	43.5	0	43.5	41.3	0	41.3
2024-Jan-24	0	50.9	0	50.9	50.4	0	50.4	44.7	0	44.7	42	0	42
2024-Jan-25	1	54	30.8	54	54.9	33.8	55	46.3	0	46.3	43.3	0	43.3
2024-Jan-26	0	51.6	0	51.6	51.5	0	51.5	45.8	0	45.8	42	0	42
2024-Jan-27	0	50.5	0	50.5	48.3	0	48.3	46.5	0	46.5	42.3	0	42.3
2024-Jan-28	2	49.4	34.6	49.2	46.8	37.6	46.2	44.8	0	44.8	41.4	0	41.4
2024-Jan-29	12	52.8	45	52	51.2	41.5	50.7	51.5	46.6	49.6	41.9	0	41.9
2024-Jan-30	22	52.2	44.9	51.3	52.4	47.9	50.4	45.7	0	45.7	42.5	0	42.5
2024-Jan-31	0	50.6	0	50.6	49.9	0	49.9	45.2	0	45.2	41.7	0	41.7



Monthly Trend - January 2024

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
2024-Jan-01	54	71.4	67	69.5	67.2	63	65.1	65.7	61.7	63.5	64.5	59.9	62.6
2024-Jan-02	88	74.3	70.9	71.7	70.9	66.9	68.8	71.6	69.5	67.3	65.9	61.8	63.8
2024-Jan-03	75	73.7	69	72	71.5	63.8	70.8	68.2	61.3	67.2	65.9	62.6	63.3
2024-Jan-04	64	73.3	68.1	71.9	71.4	63.8	70.7	68	62.5	66.6	65.3	61.1	63.3
2024-Jan-05	69	73.3	67.3	72.1	71.2	63.4	70.5	69.1	63.9	67.6	65	59.5	63.7
2024-Jan-06	77	72.5	68	70.7	69.7	60.8	69.2	67.3	62.4	65.8	64.9	61.5	62.4
2024-Jan-07	53	72.6	67.4	71	69	62.7	67.9	68.1	63.1	66.5	65.1	60.2	63.4
2024-Jan-08	43	72	64.9	71.1	70.5	63.6	69.5	67	60.5	65.9	63.7	56.2	62.8
2024-Jan-09	54	71.1	63.7	70.3	69.6	58.7	69.3	65.1	60.3	63.5	62.9	56.2	61.9
2024-Jan-10	53	71.8	66	70.6	69.7	59.7	69.4	66.6	59.2	65.8	63.9	59.6	62
2024-Jan-11	50	71.4	64.9	70.4	70.3	62.5	69.6	66	61.3	64.2	62.8	56.4	61.7
2024-Jan-12	34	71.5	64.8	70.5	69.8	60.8	69.2	67.8	63.2	66	62.7	56	61.7
2024-Jan-13	44	71.3	66	69.8	68.6	61.4	67.7	67.6	59.5	66.9	63.1	59.3	60.8
2024-Jan-14	63	72.3	66.7	71	68.3	61.6	67.4	67.5	60.2	66.6	65.1	60.1	63.5
2024-Jan-15	49	72.1	62.8	71.6	70.7	61.6	70.3	66.6	58.2	66	63.7	54	63.2
2024-Jan-16	47	71.7	64.1	70.8	70.1	62.3	69.3	67	59.9	66	63.2	55.6	62.4
2024-Jan-17	53	72.6	64.2	72	70.8	59.8	70.5	66.6	57.1	66.1	64.7	57.5	63.9
2024-Jan-18	68	73.7	68.1	72.4	70.9	62.1	70.4	67.7	61.9	66.4	66.2	61.6	64.6
2024-Jan-19	49	72.8	66.7	71.3	71.3	61.7	70.9	68.5	63.8	66.8	64	59	61.5
2024-Jan-20	45	70.6	65.3	69.2	68.5	62.6	67.3	67.6	63.3	65.7	61.7	56	60.3
2024-Jan-21	59	71.3	65.2	70.2	68.5	63	67.1	67	62.1	65.3	63.5	56.4	62.6
2024-Jan-22	52	71	65.2	69.7	70.1	61.3	69.5	66.3	61.9	64.3	62	57.4	60.2
2024-Jan-23	48	71.7	64.7	70.7	69.8	61.5	69.1	66.9	59	66.1	63.5	57.4	62.2
2024-Jan-24	51	73.1	68	71.5	70.4	62.5	69.7	67.6	60.8	66.6	65.5	61.5	63.3
2024-Jan-25	43	71.8	65.6	70.6	70.4	63.6	69.4	66.5	55.3	66.3	63.3	58.4	61.7
2024-Jan-26	46	72.6	66.6	71.4	70	62.4	69.1	68.1	59.6	67.5	64.7	59.8	63.1
2024-Jan-27	30	71.8	65.4	70.6	70	60.4	69.3	68.4	64.8	65.9	62.9	56	61.9
2024-Jan-28	60	72.7	68.1	70.9	68.3	62.4	67	68.1	64	66	65.5	61.1	63.6
2024-Jan-29	68	72.2	65.7	71.2	70.8	61.3	70.4	66.5	60	65.4	64	58.8	62.5
2024-Jan-30	40	71.6	63.8	70.9	70.1	59.1	69.9	66.5	58.5	65.8	63.3	56.9	62.1
2024-Jan-31	48	72.4	67.4	70.8	70.5	60.8	70.1	67.3	62.4	65.6	64.8	61.5	62.1



Monthly Trend - January 2024

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
2024-Jan-01	14	57.3	48.9	56.6	56.9	42.4	56.8	46.7	0	46.8	48.9	43.2	47.7
2024-Jan-02	10	56.8	49.3	56	51.9	34	51.8	52	47.1	50.4	49.6	42.1	48.8
2024-Jan-03	22	56.7	50.6	55.6	52.6	40.7	52.3	51.5	45.9	50.1	49.6	44.3	48.2
2024-Jan-04	17	56.7	49.1	56	54.5	44.7	54.2	49.8	0	49.9	49.2	43	48.2
2024-Jan-05	26	56.1	51	54.6	52.4	44.3	51.7	49.4	40.9	48.7	49.2	45.1	47.1
2024-Jan-06	48	57.8	54.9	54.8	53.4	47.3	52.2	52.8	50.5	49.2	50.6	48.2	47.2
2024-Jan-07	5	54.6	39.4	54.5	50.4	34.9	50.3	49.6	41.3	48.9	47.5	0	47.5
2024-Jan-08	1	53.5	21.9	53.5	51.9	24.9	51.9	47.9	0	47.9	45.4	0	45.4
2024-Jan-09	32	54.2	49.3	52.6	52	45.8	50.9	48.7	44.7	46.5	46.4	41.8	44.7
2024-Jan-10	17	54.2	49.5	52.4	49.6	38.4	49.3	47.4	41.4	46.2	47.5	43.7	45.1
2024-Jan-11	8	53.6	37.9	53.5	51.6	40.9	51.3	48.4	0	48.4	45.6	0	45.6
2024-Jan-12	1	53.6	36.6	53.5	52.3	39.6	52.1	48.5	0	48.5	45	0	45
2024-Jan-13	7	54.1	45.3	53.6	51.3	0	51.3	48.9	33.8	48.8	46.6	39.9	45.5
2024-Jan-14	17	54.5	48.1	53.5	49.8	36.4	49.6	49.4	42	48.5	47.5	42.1	46.2
2024-Jan-15	8	53.8	41.1	53.6	52	40.9	51.8	46.9	40.9	45.7	46	0	46
2024-Jan-16	8	53.1	45.7	52.3	51.2	24	51.2	48.7	41.8	47.8	44.8	39.4	43.3
2024-Jan-17	33	55.8	50	54.5	51.8	44.7	50.9	50.6	46.1	48.8	48.6	42.9	47.4
2024-Jan-18	31	56.3	51.9	54.5	52	45	51.1	50.2	45.3	48.5	49.5	45.7	47.4
2024-Jan-19	6	56.7	35.4	56.7	51.4	38.4	51.2	51	0	51.1	50	0	50
2024-Jan-20	3	53	42.8	52.6	49.6	0	49.6	45	0	45	46.1	37.6	45.5
2024-Jan-21	10	54.2	39.2	54.1	50.4	39	50.1	48.5	37	48.2	47.1	27.1	47.1
2024-Jan-22	5	53	42.6	52.7	50.4	31.7	50.4	47.7	0	47.7	45.4	37.2	44.7
2024-Jan-23	10	54.9	40.3	54.8	51	40	50.7	51.2	0	51.2	47.3	32.4	47.1
2024-Jan-24	4	55.5	45.4	55.1	52.5	32.6	52.5	49.5	0	49.5	48.2	40.1	47.6
2024-Jan-25	0	55.1	0	55.2	53.1	0	53.2	49.6	0	49.6	47.2	0	47.2
2024-Jan-26	4	55.2	45.1	54.8	53.3	0	53.3	48.6	0	48.6	47.5	39.9	46.7
2024-Jan-27	1	55.2	27.4	55.2	55.9	0	55.9	48.6	30.2	48.6	44.6	0	44.6
2024-Jan-28	11	55.6	52.6	52.6	49.2	0	49.2	47.7	0	47.7	49.4	47.4	45.2
2024-Jan-29	23	54.9	50.5	53	49.9	41.1	49.4	51	47.5	48.5	47.7	43.6	45.6
2024-Jan-30	24	54	47.6	53	50.5	44.4	49.4	47.9	42.7	46.3	46.9	40	46
2024-Jan-31	7	52.3	39.5	52.1	49.9	38.3	49.7	48.8	38.4	48.4	44.3	26.6	44.2

Monthly Trend - February 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-Feb-01	35	62.3	58.9	59.9	58.4	54.5	56.2	55.7	52.1	53.2	55.5	52.2	52.9
2023-Feb-02	43	61.4	58.3	58.5	60.8	58.1	57.6	60.5	57.5	57.4	47.7	42.6	46.1
2023-Feb-03	40	63.6	60.3	60.8	61.5	57.4	59.4	61.9	59	58.8	53.5	50.4	50.5
2023-Feb-04	34	62.2	57.9	59.9	60.6	54.8	58.4	60	57.2	56.8	52.2	47.4	50.5
2023-Feb-05	35	61.4	56.8	59.6	60.1	55.4	58.4	58.8	57.3	53.5	51.5	39.1	51.3
2023-Feb-06	31	60.7	56.8	58.5	61.2	58.9	57.5	55.3	52.4	52.2	50	0	50
2023-Feb-07	35	60.5	56.6	58.3	60.6	57.9	57.3	56.8	54.4	53.2	49.3	0	49.4
2023-Feb-08	33	61.3	56.8	59.5	61.5	59.2	57.8	56.9	51	55.7	50.6	29.4	50.7
2023-Feb-09	58	63.1	60.3	60	62.3	59.9	58.4	61.2	59.2	56.8	51.9	45.8	50.8
2023-Feb-10	43	64.1	61.1	61	61.3	58.3	58.2	62.2	59.8	58.6	54.6	51.3	52
2023-Feb-11	40	65.5	61.2	63.5	63.1	60.2	60	61.5	56	60	57.3	52.5	55.5
2023-Feb-12	46	63.5	61.3	59.4	60.6	58.9	56	60.7	57.4	57.9	54.9	53.2	50.1
2023-Feb-13	47	62.2	59.8	58.4	61.1	58.1	58.2	56.5	54.2	52.8	53.6	51.7	48.9
2023-Feb-14	53	63.7	61.4	60	60	56.9	57.2	59	55.8	56.2	56.3	54.4	52
2023-Feb-15	41	60.4	57.3	57.5	59.9	57	56.9	58.8	57.5	53.1	48	0	48
2023-Feb-16	46	62.8	60.7	58.8	62.2	58.9	59.5	61.4	60.8	52.7	50.4	46.8	47.9
2023-Feb-17	43	64	60.7	61.3	62	59.6	58.3	64.7	61.4	62	47.2	0	47.2
2023-Feb-18	42	64.3	62.7	59.2	61.7	58.5	58.9	58.9	56.3	55.5	56.6	55.8	48.9
2023-Feb-19	41	63.6	61	60.1	62.5	60.2	58.8	60.5	58.1	56.7	53.8	50.9	50.8
2023-Feb-20	32	60.3	57.5	57	60.4	57.8	57	58.1	57.1	51.3	47.3	0	47.3
2023-Feb-21	36	61.1	58.2	57.9	61.3	59.4	57.1	57.8	54.5	55.1	49.7	44.6	48
2023-Feb-22	33	61.2	56.8	59.3	60.2	57.3	57.2	59.8	56	57.6	49.2	26.5	49.2
2023-Feb-23	5	63.3	50.4	63.1	61.5	53.4	60.8	60.9	0	61	53.7	0	53.7
2023-Feb-24	0	<i>Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития</i>											
2023-Feb-25	0												
2023-Feb-26	0												
2023-Feb-27	0												
2023-Feb-28	0												
2023-Feb-29	0												

Monthly Trend - February 2023

Monitor W2: 18, Gr. Tzamblak 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-Feb-01	35	63	59.1	60.9	59.6	54.5	58.1	56.8	52.5	54.9	55.9	52.5	53.5
2023-Feb-02	43	62.4	59	59.8	61.8	58.7	59.1	61.3	58.2	58.5	49	43.6	47.5
2023-Feb-03	40	63.8	59.9	61.7	62.2	57.1	60.6	62.4	59.4	59.5	53	48.8	51
2023-Feb-04	35	62.9	58.1	60.8	61.9	55.6	59.9	60.8	57.7	58.1	52	46.9	50.5
2023-Feb-05	32	61.6	56.7	59.9	60.2	55.3	58.6	59.9	57.5	56.3	50.7	0	50.7
2023-Feb-06	29	61.2	56.9	59.3	61.9	58.9	58.9	57.3	52.8	55.5	49.2	0	49.2
2023-Feb-07	33	60.7	56.5	58.7	60.9	57.7	58.2	57.5	54.7	54.3	49.1	0	49.2
2023-Feb-08	33	61.7	57.1	59.9	62.1	59.3	59	58.4	52.3	57.3	49.5	0	49.5
2023-Feb-09	52	63.3	60.6	60	62.6	60	59.2	62	59.9	57.9	50.6	46.1	48.7
2023-Feb-10	45	63.7	60.7	60.7	62.1	59	59.2	62.1	59.8	58.2	53	49	51
2023-Feb-11	37	64.2	58.9	62.7	60.6	57	58.2	60.7	54.5	59.6	56.4	50.5	55.1
2023-Feb-12	45	64.2	62	60.2	61.4	59.2	57.4	61.1	57.8	58.4	55.7	54.1	50.8
2023-Feb-13	50	73.2	60.6	72.9	62.2	59.4	59.1	58	54.7	55.4	67.7	52.1	67.6
2023-Feb-14	53	64.7	62	61.4	61.1	57.6	58.6	59.7	56.2	57.3	57.4	55.1	53.5
2023-Feb-15	41	61.4	58.1	58.7	60.6	57.2	58.1	60.2	58.6	55.1	48.8	0	48.8
2023-Feb-16	45	63.7	61.6	59.6	62.5	59.2	59.9	62.5	61.7	54.7	51.9	48.9	49
2023-Feb-17	43	64.5	61.2	61.8	62.5	60.1	58.9	65.5	62.1	62.8	47.3	30.3	47.3
2023-Feb-18	41	65.1	63.4	60	62.4	58.7	59.9	60.2	57.3	57.1	57.3	56.7	48.4
2023-Feb-19	43	62.5	59.6	59.4	61.5	59.2	57.8	58.7	55.3	56.1	53.2	49.9	50.4
2023-Feb-20	33	61.2	58.4	58.1	61.4	58.4	58.5	59.3	58.2	52.7	47.6	0	47.6
2023-Feb-21	39	62.1	59.4	58.9	62.1	59.8	58.3	59.5	57	56	50.4	46.2	48.4
2023-Feb-22	32	61.9	57.6	59.9	61.3	57.9	58.7	60.5	57.1	57.9	49.3	27.6	49.3
2023-Feb-23	5	63.6	50.9	63.4	61.7	54	61	61.4	0	61.5	53.8	0	53.8
2023-Feb-24	0	Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития											
2023-Feb-25	0												
2023-Feb-26	0												
2023-Feb-27	0												
2023-Feb-28	0												
2023-Feb-29	0												



Monthly Trend - February 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-Feb-01	35	62.1	58.5	59.7	58.7	51.3	57.9	56.8	51.8	55.3	54.8	52.3	51.3
2023-Feb-02	45	62.2	57.6	60.4	60.8	56.6	58.9	60.5	57.4	57.6	51.4	42.1	50.9
2023-Feb-03	41	62.9	59.2	60.6	60.5	55.1	59.1	61.2	57.4	59.1	53.2	50.5	49.9
2023-Feb-04	36	61.6	56.3	59.9	60	53.8	58.1	58.5	55.3	55.9	52.4	46	51.3
2023-Feb-05	29	60.8	54.2	59.8	59.4	52.8	58.4	57.8	55	54.7	51.4	0	51.4
2023-Feb-06	29	60.5	54.1	59.5	60.3	55.7	58.6	56.4	51.5	54.9	50.4	0	50.4
2023-Feb-07	29	60.8	53.9	59.9	60.5	55.1	59.2	56.9	52.1	55.3	50.5	0	50.5
2023-Feb-08	32	61.2	54.4	60.3	60.4	56.5	58.3	57.6	50.1	56.8	51.4	0	51.5
2023-Feb-09	50	62.6	57.7	61	61.2	56.9	59.3	60.6	57.3	57.9	52.3	43	51.8
2023-Feb-10	46	61.9	58.5	59.4	60.2	56.1	58.2	60.6	58.7	56.4	51	45.5	49.6
2023-Feb-11	40	63.2	56.6	62.2	59.1	55	57	59	52	58.1	55.8	48.1	55
2023-Feb-12	44	62.9	59.6	60.2	60.6	56.5	58.6	59.3	55.7	56.9	54.4	51.8	51.1
2023-Feb-13	49	62.5	59	60.1	61.2	57	59.3	57.1	52.6	55.3	54	51.2	50.8
2023-Feb-14	53	63.8	59.4	61.9	60.3	54.8	59.1	58.9	54.2	57.2	56.3	52.5	54.1
2023-Feb-15	38	62.4	55.6	61.5	60.1	54.8	58.7	58.9	56	56	53.8	0	53.9
2023-Feb-16	45	63.6	59.2	61.9	61.6	57	60	61	59.2	56.3	54.4	46	53.9
2023-Feb-17	43	63.9	59	62.3	61	57.8	58.3	63.5	59.7	61.1	53.1	0	53.2
2023-Feb-18	42	64	61	61.1	60.5	55.8	58.8	58.8	55.6	56.2	56.6	54.2	53.2
2023-Feb-19	43	62.5	57.7	60.9	61.3	56.8	59.6	58.5	52.7	57.3	53.4	48.6	51.6
2023-Feb-20	33	61.4	55.9	60	60.3	54.9	59	58.7	56.5	54.7	51.3	0	51.4
2023-Feb-21	39	62.6	57.3	61.1	61.1	57.6	58.7	58.4	55	55.9	53.8	43.9	53.3
2023-Feb-22	33	61.9	55.3	60.9	60.7	55.4	59.3	59.2	54.9	57.3	51.9	24.4	51.9
2023-Feb-23	4	63.2	48.9	63.1	60.6	51.9	60.1	61.8	0	61.9	53.3	0	53.3
2023-Feb-24	0	<i>Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития</i>											
2023-Feb-25	0												
2023-Feb-26	0												
2023-Feb-27	0												
2023-Feb-28	0												
2023-Feb-30	0												

Monthly Trend - February 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-Feb-01	30	61.4	56.5	59.8	58.4	48.7	58	55.6	49.8	54.3	54	50.3	51.7
2023-Feb-02	41	61.1	55.4	59.8	59.6	53.9	58.4	58.9	55.7	56.3	51.1	39.8	50.8
2023-Feb-03	37	61.8	56.9	60.2	58.8	52.5	57.7	59.4	55.1	57.5	53	48.4	51.3
2023-Feb-04	34	60.6	54.1	59.3	59	51.6	57.7	56.8	53.1	54.5	51.7	43.7	51
2023-Feb-05	24	59.2	51.4	58.4	57.3	50.1	56.5	55.6	52.2	53	50.5	0	50.5
2023-Feb-06	25	59.5	51.2	58.9	60	52.8	59.2	53.7	48.4	52.3	49.2	0	49.2
2023-Feb-07	26	59.9	51.5	59.3	60	52.6	59.2	54.8	49.8	53.2	49.8	0	49.8
2023-Feb-08	29	60	51.5	59.5	59.9	53.7	58.9	55.2	46.5	54.6	50.2	0	50.2
2023-Feb-09	40	60.8	55.1	59.4	59.3	53.8	58	58.1	54.9	55.3	51	41	50.5
2023-Feb-10	44	60.3	56.5	58	58.8	53.2	57.5	57.9	55.7	54.1	50.3	46.5	48
2023-Feb-11	40	63.7	59.3	61.8	61.2	58.8	57.5	59.2	53.4	57.9	55.7	50.2	54.4
2023-Feb-12	44	62	57.7	60.2	60.8	55.1	59.7	56.7	53.5	54	53.5	49.8	51.3
2023-Feb-13	45	62.2	57.2	60.7	60.7	54.9	59.6	56.8	50.8	55.7	53.8	49.6	51.9
2023-Feb-14	47	62.8	57.3	61.5	59.6	52.4	58.8	58.1	51.5	57.1	55.2	50.5	53.6
2023-Feb-15	34	60.4	53.5	59.6	60	53.1	59.3	56.7	53.5	53.8	50.3	0	50.3
2023-Feb-16	39	61.4	56.1	60	60.8	54.4	59.9	58.8	56.4	55.1	50.5	41.1	50
2023-Feb-17	40	61.1	55.9	59.6	58.3	55.2	55.5	60.7	56.2	58.8	49.9	0	49.9
2023-Feb-18	41	61.6	58.5	58.7	58.4	53.5	56.8	57	53.6	54.4	54	51.6	50.3
2023-Feb-19	42	63	60.5	59.4	62.1	58.4	59.8	59.2	57	55.1	53.5	52	48.2
2023-Feb-20	29	60.3	54.1	59.2	59.8	52.7	59.1	57.6	54.9	54.2	49.3	0	49.3
2023-Feb-21	37	61.5	55.4	60.5	62.1	55.8	61.5	56.6	53.1	54.2	50.1	41.8	49.4
2023-Feb-22	28	62.1	53.7	61.7	62.6	52.9	62.6	58	54.1	55.9	50.3	0	50.3
2023-Feb-23	4	61.9	46.4	61.9	61.5	49.4	61.3	57.4	0	57.4	52.3	0	52.4
2023-Feb-24	0	Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития											
2023-Feb-25	0												
2023-Feb-26	0												
2023-Feb-27	0												
2023-Feb-28	0												
2023-Feb-29	0												

Monthly Trend - February 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-Feb-01	3	57.2	34.8	57.3	57.1	34	57.3	52.2	0	52.2	47.3	27.3	47.3
2023-Feb-02	12	57.2	38.6	57.2	57.2	38.2	57.4	53.9	38.6	53.8	45.9	0	45.9
2023-Feb-03	11	56.5	41.3	56.4	56	33.7	56.1	53	40.6	52.9	46.3	32.8	46
2023-Feb-04	3	55	30	54.9	53.3	31.5	53	51.8	27.6	51.8	45.8	0	45.8
2023-Feb-05	4	56.3	31.4	56.3	55.9	31.3	55.9	54.2	31.3	54.2	44.6	0	44.6
2023-Feb-06	2	56.8	28.6	56.9	56.7	31.8	56.8	54.3	0	54.4	44.8	0	44.8
2023-Feb-07	3	57.3	34	57.3	56.7	32.4	56.7	53.4	34.8	53.4	47.6	0	47.6
2023-Feb-08	6	58	35	58.1	56.9	36.1	57	54.9	33.4	55	48.3	0	48.2
2023-Feb-09	7	57.6	38.4	57.7	57.6	40.4	57.8	54.1	34.6	54.1	46.6	0	46.7
2023-Feb-10	6	57	47.4	56.5	55.4	31.5	55.5	51.1	35	51	48.8	42	47.8
2023-Feb-11	42	59.9	54.8	58.3	57.6	54.3	54.8	55.2	48.7	54.1	51.9	45.9	50.6
2023-Feb-12	11	58.9	43.6	58.9	58.3	43.9	58.4	53.9	37.9	53.9	49.6	33.4	49.6
2023-Feb-13	12	58.1	40.4	58.2	58.1	39.4	58.3	53.4	0	53.6	48	32.9	47.8
2023-Feb-14	5	58.5	38.9	58.6	57.8	0	58	54.7	36.3	54.7	48.8	32.2	48.7
2023-Feb-15	4	58.1	31.8	58.2	58	25.5	58.2	53.3	34	53.3	48.3	0	48.3
2023-Feb-16	9	57.8	38.3	57.9	57.8	36.1	58.1	54.7	39.6	54.6	46.5	0	46.5
2023-Feb-17	7	59	35.8	59.1	60.1	35.7	60.3	52.4	35.6	52.3	47.6	0	47.6
2023-Feb-18	12	55.7	42.4	55.5	53.7	39.9	53.6	51.7	37.6	51.6	47.3	34.6	47
2023-Feb-19	38	61	55.8	59.6	61.3	53.7	60.8	56.5	52.2	54.7	50.1	47.3	46.7
2023-Feb-20	5	57.2	37.6	57.3	56.8	34.8	56.9	53.1	39	53	47.4	0	47.4
2023-Feb-21	8	57.5	36.9	57.5	57.4	37.6	57.5	53.6	35.7	53.5	46.9	0	46.8
2023-Feb-22	4	57.7	38.8	57.8	57.6	32.2	57.8	54.1	41.1	53.9	47.1	0	47.1
2023-Feb-23	3	58.7	36.7	58.8	58.6	39.7	58.8	53.9	0	54	48.7	0	48.7
2023-Feb-24	0	Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития											
2023-Feb-25	0												
2023-Feb-26	0												
2023-Feb-27	0												
2023-Feb-28	0												
2023-Feb-29	0												



Monthly Trend - February 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-Feb-01	0	50.8	0	50.8	50.2	0	50.2	45.1	0	45.1	41.8	0	41.8
2023-Feb-02	0	50.8	0	50.8	50.2	0	50.2	47.3	0	47.3	40.7	0	40.7
2023-Feb-03	0	50	0	50	47.6	0	47.6	45.9	0	45.9	41.8	0	41.8
2023-Feb-04	0	49.4	0	49.4	47	0	47	44.2	0	44.2	41.5	0	41.5
2023-Feb-05	0	52.8	0	52.9	53.7	0	53.9	46.4	0	46.4	41.8	0	41.8
2023-Feb-06	0	54.8	0	55.1	57	0	57.3	45.2	0	45.2	40.2	0	40.2
2023-Feb-07	0	50.7	0	50.7	51.3	0	51.3	44.9	0	44.9	39.8	0	39.8
2023-Feb-08	0	52.1	0	52.1	52	0	52.1	45	0	45	42.9	0	42.9
2023-Feb-09	2	51.3	33.5	51.2	51.5	36.5	51.4	45.2	0	45.2	41.4	0	41.4
2023-Feb-10	1	50.4	43.9	49.4	47.2	0	47.2	45.2	0	45.2	43	38.7	41.1
2023-Feb-11	43	56.6	53.6	53.6	54.4	52.6	49.8	51.7	46.6	50	48.7	45.5	45.8
2023-Feb-12	2	54.1	38.1	54	56.1	41.1	56	45.5	0	45.5	40.3	0	40.3
2023-Feb-13	0	52.6	0	52.6	53.5	0	53.6	46.6	0	46.6	41.3	0	41.3
2023-Feb-14	0	51.7	0	51.8	52.4	0	52.4	45.9	0	45.9	41	0	41
2023-Feb-15	0	50.7	0	50.7	51.2	0	51.2	45.6	0	45.6	39.8	0	39.8
2023-Feb-16	0	52	0	52	53.1	0	53.2	46.1	0	46.1	40	0	40
2023-Feb-17	0	48.8	0	48.8	46.9	0	46.9	45.9	0	45.9	39.7	0	39.7
2023-Feb-18	2	49.1	36.8	48.8	46.6	36.2	46.2	45	37.1	44.2	40.9	0	40.9
2023-Feb-19	34	55.1	52.4	51.6	54.1	50.6	51.4	51.7	49.3	48.2	45.6	43.3	40.8
2023-Feb-20	0	57.8	0	57.9	60.4	0	60.5	45.5	0	45.5	40.3	0	40.3
2023-Feb-21	0	56.1	0	56.3	58.5	0	58.7	45.8	0	45.8	40.2	0	40.2
2023-Feb-22	1	51	35.3	50.9	50.8	0	50.8	46.3	38.1	45.6	41.2	0	41.2
2023-Feb-23	1	53.3	33.9	53.2	53.7	36.9	53.6	47	0	47	43.2	0	43.2
2023-Feb-24	0	<i>Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития</i>											
2023-Feb-25	0												
2023-Feb-26	0												
2023-Feb-27	0												
2023-Feb-28	0												
2023-Feb-29	0												



Monthly Trend - February 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-Feb-01	55	72.2	65.2	71.3	70.5	62.4	69.8	66.7	61	65.3	64.1	57.3	63.2
2023-Feb-02	62	72.9	67.8	71.3	70.3	63.5	69.3	68.9	63.9	67.3	64.7	60.3	62.8
2023-Feb-03	52	71.8	66.4	70.4	69.1	63.1	67.9	68.4	64.5	66.2	63.5	57.4	62.3
2023-Feb-04	47	73.2	68.2	71.6	68.6	61.5	67.2	69	63.8	67.6	66	61.5	64.2
2023-Feb-05	54	72.5	66.5	71.4	70.5	62.9	69.8	66.8	61	65.5	64.7	59.2	63.3
2023-Feb-06	60	72.7	66.5	71.6	70.5	62	70	67.3	60.9	66.2	64.9	59.5	63.5
2023-Feb-07	54	72.8	66.8	71.7	70.6	62.7	69.9	67	60.3	66	65.1	60	63.6
2023-Feb-08	54	72.9	66	72	70.7	61.2	70.2	67.5	61.1	66.5	65.1	59	64
2023-Feb-09	76	73.3	67.2	72.1	71.2	63.8	70.4	68.9	62.4	67.9	65	59.8	63.5
2023-Feb-10	49	71.5	64.9	70.5	69.8	62.1	69	67.8	61.1	66.8	62.7	56.8	61.5
2023-Feb-11	60	73.2	66.3	72.3	67.6	58.3	67.1	68.5	63.4	67	66.3	59.2	65.5
2023-Feb-12	39	72.6	65.5	71.7	71.2	62.3	70.7	67.1	59.9	66.3	64.2	58.2	63
2023-Feb-13	38	72.4	66.2	71.2	70.7	62.6	70	67.8	62.5	66.3	64	58.4	62.6
2023-Feb-14	38	72	66.2	70.8	70.6	63.1	69.8	67.1	60.7	66	63.6	58.8	61.8
2023-Feb-15	49	72.9	66.4	71.9	70.4	61.7	69.8	66.9	59.3	66	65.4	59.8	64.1
2023-Feb-16	65	72.9	67.3	71.6	71.3	63.1	70.8	68.3	63.3	66.7	64.4	59.9	62.6
2023-Feb-17	57	72.1	66.9	70.7	70	61.8	69.3	68.3	63.2	66.8	63.7	59.6	61.7
2023-Feb-18	47	73	67.9	71.4	69.6	62.9	68.6	68.2	61.5	67.2	65.5	61.3	63.6
2023-Feb-19	52	72.4	63.8	71.9	71	60.6	70.8	66.5	57.9	65.9	64.2	56.6	63.5
2023-Feb-20	45	72.6	66.3	71.5	70.5	61.7	70	66.5	59.2	65.6	64.8	59.6	63.3
2023-Feb-21	48	73.1	67.6	71.7	70.9	62.4	70.3	67.7	63	65.9	65.3	60.6	63.5
2023-Feb-22	67	73.3	65.5	72.6	71.2	63.5	70.5	67.9	58.9	67.3	65.3	57.9	64.6
2023-Feb-23	16	73	55.8	73	70.9	58.9	70.7	68	0	68	65	0	65
2023-Feb-24	0	Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития											
2023-Feb-25	0												
2023-Feb-26	0												
2023-Feb-27	0												
2023-Feb-28	0												
2023-Feb-29	0												

Monthly Trend - February 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-Feb-01	11	54.4	41.5	54.2	50.4	39.8	50	50.3	41.1	49.8	46.9	28.5	46.9
2023-Feb-02	10	55.7	48.4	54.9	52.7	33.3	52.6	49.3	0	49.3	48.5	43.1	47.1
2023-Feb-03	9	55.1	46.7	54.4	51.9	44.9	50.9	49.8	0	49.9	47.6	39.8	46.9
2023-Feb-04	9	55.7	47.8	54.9	51.8	0	51.8	49.9	38.7	49.6	48.6	42.3	47.5
2023-Feb-05	12	56	47	55.5	53.2	41.2	53	49.3	35.5	49.1	48.7	41	48
2023-Feb-06	16	59.4	45.7	59.2	52.2	39.3	52.1	59.4	38.2	59.4	49.9	39.4	49.5
2023-Feb-07	17	57.9	52.9	56.4	52.9	39.2	52.7	50.4	40.3	50	51.5	47.4	49.4
2023-Feb-08	15	56.4	48.3	55.8	50.2	34.2	50.1	50.7	42.2	50.1	49.9	42.3	49.1
2023-Feb-09	15	56.6	48.6	55.9	51	41.4	50.5	50.3	37.1	50.2	50.1	42.7	49.3
2023-Feb-10	5	53.5	41.1	53.2	50.5	36.4	50.3	48	41.1	47	46	30.9	45.9
2023-Feb-11	45	56.4	51.5	54.8	52.2	48.1	50.1	50.8	44.3	49.7	49.4	44.5	47.9
2023-Feb-12	1	54.2	29.2	54.2	50	32.2	49.9	48.6	0	48.6	47.3	0	47.3
2023-Feb-13	1	54.2	21.4	54.2	52.1	24.4	52.1	48.5	0	48.6	46.4	0	46.4
2023-Feb-14	0	54.6	0	54.6	52.7	0	52.8	48.7	0	48.7	46.6	0	46.6
2023-Feb-15	10	55.3	47.9	54.6	50.4	0	50.4	49.1	39.9	48.6	48.7	42.3	47.6
2023-Feb-16	15	54.9	47.3	54.1	51.1	41.1	50.7	48.8	39.1	48.3	47.8	41.1	46.9
2023-Feb-17	15	54.5	48.1	53.4	50.7	40.4	50.3	47.8	36.5	47.4	47.6	42.3	46.1
2023-Feb-18	6	54.4	39	54.3	52.2	35.2	52.1	48.7	29.8	48.6	46.6	32.4	46.4
2023-Feb-19	36	56	50.9	54.4	52.3	46.5	51.1	51.3	48.3	48.5	48.5	42.9	47.2
2023-Feb-20	13	56	50.4	54.6	50.9	37.3	50.7	48.1	0	48.1	49.5	45.1	47.7
2023-Feb-21	11	55	47.5	54.1	52.1	37.4	52	48.7	0	48.7	47.6	42	46.3
2023-Feb-22	18	54.8	49.5	53.4	49.5	42.4	48.6	48.4	35.6	48.2	48.2	43.7	46.4
2023-Feb-23	6	54.9	36.7	54.9	51.5	39.7	51.3	48.4	0	48.4	47.9	0	47.9
2023-Feb-24	0	<i>Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития</i>											
2023-Feb-25	0												
2023-Feb-26	0												
2023-Feb-27	0												
2023-Feb-28	0												
2023-Feb-29	0												

Monthly Trend - March 2024

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
2024-Mar-01	0	<i>Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития</i>											
2024-Mar-02	0												
2024-Mar-03	0												
2024-Mar-04	0												
2024-Mar-05	0												
2024-Mar-06	0												
2024-Mar-07	0												
2024-Mar-08	0												
2024-Mar-09	0												
2024-Mar-10	0												
2024-Mar-11	55	64.3	62.2	60.2	64.5	62.1	60.9	60.8	59.6	54.6	52.9	50.6	49.1
2024-Mar-12	77	63.2	62.3	55.6	62	61	55	58	57.3	49.7	54.6	53.7	46.7
2024-Mar-13	82	64.6	63.9	56.9	61.1	59.8	55.5	60.7	60.1	51.8	56.9	56.3	48.4
2024-Mar-14	56	60.9	59.4	55.6	60.9	59.6	55.3	59.4	59	49.1	46.6	0	46.6
2024-Mar-15	75	64.1	61.9	60.1	63.2	62.5	55.3	62.2	61	56.3	52.5	32.1	52.6
2024-Mar-16	80	66	65.1	58.6	63.5	63.1	53	64.1	62.5	59	56.6	55.9	47.8
2024-Mar-17	62	62.2	60.9	56.7	62.1	61.7	50.8	59.2	58	53.2	51.2	46.4	49.6
2024-Mar-18	64	62.5	61.7	54.8	62	61.4	53.8	62	61.8	49.9	46	0	46
2024-Mar-19	66	63.1	62.1	56.2	62.2	61.3	55.4	57.6	56.5	51.4	54.2	53.3	47.1
2024-Mar-20	71	61.6	59.6	57.5	62.2	61	56.3	57.3	56.3	50.3	50	42.1	49.3
2024-Mar-21	61	61.4	58	58.8	60.1	58.5	55.1	58.1	57.1	51.3	52	35.1	51.9
2024-Mar-22	78	63.9	62.9	57.1	62.9	62.1	55.6	63.4	62.8	54.6	49.4	45.5	47.3
2024-Mar-23	67	63.5	62.2	57.8	61.7	61.2	52.6	62.6	61.7	55.6	52.1	48.2	49.8
2024-Mar-24	76	65.1	64.5	56	60.9	60.2	52.6	59.7	59.3	49.6	58.1	57.5	48.9
2024-Mar-25	58	62.1	59.1	58.8	60.9	59	54.5	59.5	58.8	51.3	52.1	37.4	52.1
2024-Mar-26	64	64.2	62.7	58.8	61.1	60.2	53.8	61.1	60.6	52	55.9	53.4	52.2
2024-Mar-27	128	68.6	67.8	60	67.2	66.2	58.1	63.6	62.5	57.1	60.1	59.6	50.9
2024-Mar-28	78	65.2	63.7	59.9	62.7	62	54.8	58.4	57.6	50.8	57.9	55.8	53.6
2024-Mar-29	78	64.6	63.1	59.2	62.8	62.2	54.4	63.3	62.7	55.2	53.6	48.8	51.9
2024-Mar-30	60	65	63	60.8	64.7	64.2	55	60.7	59.1	55.8	55.2	48	54.3
2024-Mar-31	68	63.7	62.9	55.7	62.2	61.6	53.1	61.3	60.9	50.9	53.8	52	49.3

Monthly Trend - March 2024

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
2024-Mar-01	0	<i>Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития</i>											
2024-Mar-02	0												
2024-Mar-03	0												
2024-Mar-04	0												
2024-Mar-05	0												
2024-Mar-06	0												
2024-Mar-07	0												
2024-Mar-08	0												
2024-Mar-09	0												
2024-Mar-10	0												
2024-Mar-11	52	63	60.3	59.6	61.9	58.9	59.1	58.4	56.5	54	54	51.4	50.6
2024-Mar-12	76	63.8	62.8	57.3	62.5	61.4	56	58.5	57.4	52.1	55.4	54.4	48.9
2024-Mar-13	83	65.3	64.3	58.7	62.2	60.3	58	61.7	61	53.1	57.3	56.5	49.7
2024-Mar-14	56	62.3	60.2	58.4	61.8	59.9	57.5	61.2	60.1	54.8	48.8	0	48.8
2024-Mar-15	75	64.1	62.1	59.8	63.4	62.4	56.5	63.4	61.6	58.8	50	25.7	50.1
2024-Mar-16	76	64.8	63.6	58.5	64.3	63.4	57.4	61.9	60.4	56.6	54.1	52.9	47.7
2024-Mar-17	64	63.1	61.5	58.2	63.2	62.2	56.5	60.5	58.9	55.6	50.9	47	48.6
2024-Mar-18	63	63.2	61.7	58	62.5	61.2	56.6	62.5	62	53.5	49.2	0	49.2
2024-Mar-19	65	64.7	63.4	58.8	64	63	57.6	58.7	57.1	53.7	55.9	54.4	50.3
2024-Mar-20	72	62.2	60.2	58	62.7	61.3	57.2	59	57.5	53.6	49.8	43.4	48.7
2024-Mar-21	61	61.3	58.3	58.4	61.2	58.8	57.7	58.6	57.4	52.4	49.7	32.4	49.7
2024-Mar-22	76	63.5	62.1	58.2	61.7	59.9	57.3	63.3	62.7	55	50.5	46.4	48.4
2024-Mar-23	61	62.6	60.9	57.7	62.4	61.4	55.6	60.7	59.2	55.3	49.8	44.4	48.3
2024-Mar-24	76	66.6	65.4	60.6	61.7	60.3	56	61.7	60.3	56.5	59.7	58.5	53.3
2024-Mar-25	56	63.1	59.5	60.5	62	59.6	57.4	60.4	59.1	54.5	53	0	53.3
2024-Mar-26	60	63.1	61.1	58.7	61.9	60.5	56.4	59.8	58.6	53.7	53.5	50.2	50.9
2024-Mar-27	118	65.5	64.1	59.4	64.1	62.2	58.1	60.6	58.8	56	57	56	50.1
2024-Mar-28	78	65.7	63.8	61	62.7	61.5	56.5	60.1	58	56.1	58.2	56.1	54
2024-Mar-29	72	63.9	62.3	58.8	63	61.9	56.5	62.1	61.3	54.6	52.5	48.4	50.5
2024-Mar-30	56	64	62.7	58.2	64.6	63.9	56.6	59.7	58	54.9	51.9	48.6	49
2024-Mar-31	63	63.9	62.6	58	62.6	61.7	55.4	61.3	59.5	56.6	54	52.7	48.1

Monthly Trend - March 2024

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
2024-Mar-01	0	<i>Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития</i>											
2024-Mar-02	0												
2024-Mar-03	0												
2024-Mar-04	0												
2024-Mar-05	0												
2024-Mar-06	0												
2024-Mar-07	0												
2024-Mar-08	0												
2024-Mar-09	0												
2024-Mar-10	0												
2024-Mar-11	53	62.8	57.4	61.6	61.9	56.9	60.7	57.9	54.5	55.3	53.8	46.9	53.1
2024-Mar-12	70	63	60.1	60.1	61.3	58.6	58.4	57.6	54.9	54.6	54.8	51.7	52
2024-Mar-13	83	64.1	61.7	60.6	61.1	58.3	58	60.3	58.5	55.9	56.1	53.6	52.8
2024-Mar-14	56	61.9	57.8	59.9	60.7	57.3	58.2	59.6	58	54.8	51.7	0	51.7
2024-Mar-15	72	63.5	59.3	61.6	61.8	59.3	58.6	61.4	59.2	57.4	53.7	0	53.8
2024-Mar-16	74	63.2	61	59.4	62.1	60.4	57.3	59.8	58.2	55	53.7	50.3	51.1
2024-Mar-17	63	62.2	58.9	59.6	60.9	59.4	55.7	58.5	56.8	53.9	53.1	44.1	52.6
2024-Mar-18	60	62.1	59.3	59	61.1	58.6	57.9	60.7	59.6	54.4	50.2	0	50.2
2024-Mar-19	68	64	61	61.1	61.4	58.7	58.5	57.6	55.1	54.2	56.6	53.3	53.8
2024-Mar-20	72	62.1	58.4	59.7	61.8	59.7	57.7	57.6	55.3	54	52.3	41.8	51.9
2024-Mar-21	57	61.3	55.9	59.9	59.8	56.3	57.5	57.7	55.3	54.2	52.2	0	52.3
2024-Mar-22	75	63.1	60.2	60.2	60.9	57.7	58.2	62.3	61.2	56.2	52.2	42.4	51.8
2024-Mar-23	59	61.4	58.1	58.8	60.6	58.6	56.4	59	56.1	55.9	50.7	42.5	50
2024-Mar-24	74	65.1	62.5	62	59.6	57.5	55.7	59	57.2	54.6	58.5	55.7	55.7
2024-Mar-25	52	62.6	57.4	61.1	61	57.7	57.7	58.9	56.9	54.8	53.7	0	53.8
2024-Mar-26	58	62.9	58.8	60.9	60.6	57.6	57.9	59	56.2	56	54.5	48.7	53.3
2024-Mar-27	117	64.1	61.6	60.5	62.3	59.7	58.9	59.5	56.6	56.4	55.7	53.4	51.8
2024-Mar-28	77	63.9	61.5	60.4	61.4	59.2	57.6	58	55.8	54.2	56.4	53.7	53.1
2024-Mar-29	76	64.3	60	62.4	64.6	59.6	63.1	60.8	58.8	56.5	52.6	46.2	51.6
2024-Mar-30	55	62.3	59.9	58.6	62.2	61	56.3	57.8	54.4	55.2	52.1	47.3	50.3
2024-Mar-31	60	61.8	59.6	57.9	60.3	58.7	55.4	58.8	56.2	55.4	52.7	49.8	49.6

Monthly Trend - March 2024

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
2024-Mar-01	0	<i>Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития</i>											
2024-Mar-02	0												
2024-Mar-03	0												
2024-Mar-04	0												
2024-Mar-05	0												
2024-Mar-06	0												
2024-Mar-07	0												
2024-Mar-08	0												
2024-Mar-09	0												
2024-Mar-10	0												
2024-Mar-11	52	63.3	59.8	61	63.8	60.2	61.7	59.3	58.3	52.5	51.8	43.6	51.2
2024-Mar-12	66	62.9	58.1	61.4	63.2	57.3	62.4	56.1	52.5	53.8	53	49.3	50.7
2024-Mar-13	80	63.3	59.4	61.2	61.4	56.4	60.1	58.5	56.4	54.5	55	51	52.9
2024-Mar-14	56	61.9	56.3	60.7	62.4	56.1	61.5	58.1	56.3	53.5	50.2	0	50.2
2024-Mar-15	68	62.5	57.7	61.1	62.7	58.2	61.4	59.1	57	55.1	51.1	0	51.1
2024-Mar-16	72	64.5	62.5	60.2	62.3	57.6	60.6	62	61.5	52.1	55.2	53.4	50.6
2024-Mar-17	62	60.1	56.5	57.6	58.3	56.6	53.5	56.8	55	52.3	51	41.9	50.5
2024-Mar-18	59	61.1	57.3	59	61.8	57.7	60	57.9	56.8	51.9	48	0	48.1
2024-Mar-19	61	62.2	58.6	59.7	59.8	56	57.5	56.3	52.9	53.7	54.6	51	52.1
2024-Mar-20	67	61.3	56.7	59.6	61.3	58	58.7	55.9	53	53	51.6	41.6	51.1
2024-Mar-21	49	60.1	53.7	59.1	59.9	54.1	58.8	55.6	53.1	52.1	50.2	0	50.2
2024-Mar-22	73	63.8	60.6	61.5	63.8	59.8	62.3	61.7	60.9	54	51.3	39.5	51
2024-Mar-23	55	61.3	58.5	58.2	58	55.9	54	59.8	58.7	53.3	52	45.6	50.9
2024-Mar-24	71	63.1	60.3	60.1	57.6	54.9	54.3	57.7	55.1	54.4	56.4	53.4	53.4
2024-Mar-25	47	61.2	55.2	59.9	61	55.5	59.4	57.3	54.7	54.1	50.9	0	50.9
2024-Mar-26	55	64.7	60.6	62.8	64.7	56.3	64.3	59.6	58.2	53.9	54.7	52.3	51.1
2024-Mar-27	116	66.9	65.4	61.7	66.3	63.6	63	61.5	60.1	55.9	57.9	57.3	49.5
2024-Mar-28	72	62.9	59.6	60.4	62.2	58.3	60.3	56.1	53.3	53	54.3	51.4	51.3
2024-Mar-29	69	62.1	59.2	59	60.5	56.6	58.5	60.9	60	53.9	50.8	44.1	49.8
2024-Mar-30	55	60.9	58.8	56.9	60.6	59.7	53.7	57.3	54.7	53.7	50.4	45	48.9
2024-Mar-31	56	59.8	58	55.1	57.7	55.9	53.1	58.1	56.7	52.7	49.7	47	46.3

Monthly Trend - March 2024

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
2024-Mar-01	0	<i>Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития</i>											
2024-Mar-02	0												
2024-Mar-03	0												
2024-Mar-04	0												
2024-Mar-05	0												
2024-Mar-06	0												
2024-Mar-07	0												
2024-Mar-08	0												
2024-Mar-09	0												
2024-Mar-10	0												
2024-Mar-11	51	60.6	54.6	59.8	59.5	55.3	57.7	56.1	53.5	52.7	51.6	0	52.3
2024-Mar-12	12	57.8	39.3	57.8	56.9	42	56.9	52.2	29.9	52.2	49.1	0	49
2024-Mar-13	11	58.7	42.9	58.7	57.1	43.6	57.1	55.2	36.4	55.2	49.8	32.5	49.7
2024-Mar-14	12	57.4	37	57.5	57.5	37.9	57.6	53.4	35.6	53.4	46.7	0	46.6
2024-Mar-15	25	58.9	44.9	58.9	57.4	47.3	57.2	52.4	38.8	52.3	50.9	0	51
2024-Mar-16	45	60	56.7	57.3	57.7	46.9	57.5	58	56.5	52.7	50.4	47.9	46.6
2024-Mar-17	8	55.3	38.9	55.2	54	37.5	54	53	39.7	52.7	45	0	45
2024-Mar-18	20	57.3	45.7	57.1	57.5	48.1	57.1	53.8	39.4	53.7	45.8	0	45.9
2024-Mar-19	18	58.3	41.8	58.4	57.8	40.9	58	54.8	36	54.9	48.2	33.2	48.1
2024-Mar-20	13	57.7	39.9	57.7	57.8	42.9	57.9	54.7	0	54.8	45.9	0	45.8
2024-Mar-21	10	57.2	39.6	57.2	57.3	41.9	57.3	52.6	34.3	52.6	46.7	0	46.7
2024-Mar-22	58	59.1	53.1	58	59.1	54.1	57.8	56.6	51.4	55.2	46.9	0	46.9
2024-Mar-23	15	58.8	51.8	57.8	57.9	36.1	58	55.4	53.4	50.8	49	39.8	48.4
2024-Mar-24	14	58.1	42.2	58	54.6	36.9	54.5	52.6	36.2	52.5	50.9	35.6	50.8
2024-Mar-25	11	58.3	39	58.3	57.7	41.3	57.6	54.4	33.7	54.5	48.5	0	48.5
2024-Mar-26	27	60.4	54.7	59.1	57.5	44.1	57.5	56.6	52.8	54.5	52.3	47.4	50.7
2024-Mar-27	103	62.4	60.1	58.6	60.9	57.9	57.9	58	55.6	54.5	53.7	51.9	49
2024-Mar-28	14	58.5	45.9	58.3	58.1	47.4	58	56.1	26.4	56.2	46.8	35.3	46.5
2024-Mar-29	25	59.6	52	59.1	58.8	43.5	59.1	58.6	54.4	56.5	46.9	28	46.9
2024-Mar-30	15	56.1	46.9	55.5	53.9	42.9	53.6	53.8	48.3	52.3	46.9	26.8	46.8
2024-Mar-31	14	57.7	48.9	57.1	53.6	42.9	53.2	55.4	50.1	54	50.6	28.8	50.5

Monthly Trend - March 2024

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
2024-Mar-01	0	Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития											
2024-Mar-02	0												
2024-Mar-03	0												
2024-Mar-04	0												
2024-Mar-05	0												
2024-Mar-06	0												
2024-Mar-07	0												
2024-Mar-08	0												
2024-Mar-09	0												
2024-Mar-10	0												
2024-Mar-11	50	59	53.1	57.8	60.2	53.9	59.3	52.7	51.8	45	46.9	0	46.9
2024-Mar-12	1	55.8	33.9	55.9	58.2	36.9	58.2	44.9	0	44.9	40.9	0	40.9
2024-Mar-13	2	51.9	34.5	51.8	51.1	37.5	50.9	45.6	0	45.6	43.2	0	43.2
2024-Mar-14	0	52.1	0	52.1	51	0	51	45.1	0	45.1	43.9	0	43.9
2024-Mar-15	7	55.5	41.1	55.4	57.1	44.1	57.1	46.7	0	46.7	43.3	0	43.3
2024-Mar-16	29	55.6	54.1	50.1	49.2	41.7	48.3	54.9	54.2	46.3	46.8	45.2	41.3
2024-Mar-17	0	50.1	0	50.1	46.7	0	46.7	45.3	0	45.3	42.7	0	42.7
2024-Mar-18	8	52.8	42.5	52.4	53.7	45.5	53	44.6	0	44.6	42.4	0	42.4
2024-Mar-19	2	51.7	31.5	51.7	51.9	34.5	51.9	45.2	0	45.2	42.1	0	42.1
2024-Mar-20	0	55.3	0	55.3	57.1	0	57.2	44.7	0	44.7	42.7	0	42.7
2024-Mar-21	3	59.6	33.1	59.8	62.1	36.1	62.4	44.4	0	44.4	43.2	0	43.1
2024-Mar-22	45	58	50.3	57.3	60.2	51.5	59.8	50.4	48.4	46.2	41.2	0	41.2
2024-Mar-23	12	52.8	49.7	49.9	48.2	32.8	48.1	52.4	51.4	45.6	43	37.8	41.3
2024-Mar-24	0	52.3	0	52.3	46.6	0	46.6	44.5	0	44.5	45.9	0	45.9
2024-Mar-25	1	57.9	33.1	57.9	60.2	36.1	60.2	45.7	0	45.7	43.5	0	43.5
2024-Mar-26	16	55.9	52.5	53.1	51	39.8	50.7	52.3	50.8	46.8	48.5	45.1	45.7
2024-Mar-27	83	62.3	58.9	59.6	63.2	57.4	61.9	55.6	54.9	47.6	51.3	50.1	44.9
2024-Mar-28	5	57.9	43.2	57.8	60.2	46	60.2	46.4	32.7	46.1	42.8	0	42.8
2024-Mar-29	15	58.3	48.6	58	60	36.5	60.3	52.8	51.3	47.5	43.1	0	43.1
2024-Mar-30	3	50.9	44.2	49.8	46.9	0	46.9	50.2	46.8	47.6	41.2	0	41.2
2024-Mar-31	7	50.3	46.5	47.9	47.1	40.4	46	49.6	47.8	45	39.5	0	39.5



Monthly Trend - March 2024

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
2024-Mar-01	0	<i>Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития</i>											
2024-Mar-02	0												
2024-Mar-03	0												
2024-Mar-04	0												
2024-Mar-05	0												
2024-Mar-06	0												
2024-Mar-07	0												
2024-Mar-08	0												
2024-Mar-09	0												
2024-Mar-10	0												
2024-Mar-11	69	73.6	68.1	72.4	70.8	59.3	70.7	67	60.9	65.9	66.4	62	64.6
2024-Mar-12	81	72.9	67	71.6	71.5	65.6	70.3	68.5	64.7	66.2	64.1	57	63.2
2024-Mar-13	72	73.4	68.6	71.7	70.7	66.2	68.9	68.1	64.4	65.9	65.7	60.5	64.2
2024-Mar-14	86	73.7	69.1	71.9	71.3	66.1	69.8	68	64.4	65.5	66	61.4	64.3
2024-Mar-15	106	74	70.7	71.4	71.5	65.5	70.4	69.4	66	66.8	66	63.7	62.3
2024-Mar-16	102	72.1	67.1	70.5	70.4	65.5	68.7	67.2	62.3	65.7	63.8	58.8	62.2
2024-Mar-17	100	74.2	72.2	70.1	69	65.3	66.6	68.2	64.8	65.5	67.6	66	62.5
2024-Mar-18	77	73.2	68.9	71.3	70.8	64.8	69.7	67.6	63.4	65.7	65.5	61.9	63.1
2024-Mar-19	86	73	68.5	71.2	71.7	66	70.6	67.4	64.5	64.3	64.6	60.4	62.5
2024-Mar-20	87	73.2	68.7	71.4	70.5	65.3	69	67.4	63.4	65.3	65.8	61.4	63.9
2024-Mar-21	86	73.6	68.6	72	70.4	64.7	69.2	66.9	62.4	65	66.5	61.7	64.8
2024-Mar-22	101	73	68.5	71.2	70.7	63.1	70	68.4	64	66.5	65	61.6	62.4
2024-Mar-23	106	72.6	68.5	70.6	70.2	64.5	69	67.7	63.6	65.7	64.8	61.3	62.2
2024-Mar-24	89	73.7	69.7	70.4	68.9	65.3	66.5	68.4	65.9	64.9	66.9	62.3	63.3
2024-Mar-25	76	73.1	68.1	71.5	70.2	65.1	68.7	68	64.2	65.8	65.5	60.1	64.1
2024-Mar-26	99	73.3	67.1	72.3	71.3	64.8	70.3	67.3	62	65.9	65.5	59.1	64.6
2024-Mar-27	119	72.7	65.1	72.1	71.3	62.6	71	66.8	59.7	65.9	64.6	57.3	63.7
2024-Mar-28	85	73.3	68.9	71.4	71	67	68.8	68	64.4	65.6	65.5	60.5	63.8
2024-Mar-29	110	74.1	70.7	71.6	71.1	65.6	69.8	68.1	62.4	66.8	66.8	64.4	63.2
2024-Mar-30	114	73.5	70.4	70.7	70.3	65.7	68.5	68.9	64.3	67.1	66.2	63.9	62.4
2024-Mar-31	94	72.7	69.4	70.1	69.5	65.1	67.6	68.4	62.6	67.1	66.6	64.5	62.4

Monthly Trend - March 2024

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
2024-Mar-01	0	<i>Поради възникнал софтуерен проблем в периода 24.02 – 10.03.2024 г. системата за мониторинг не е извършвала корелации на шумовите събития</i>											
2024-Mar-02	0												
2024-Mar-03	0												
2024-Mar-04	0												
2024-Mar-05	0												
2024-Mar-06	0												
2024-Mar-07	0												
2024-Mar-08	0												
2024-Mar-09	0												
2024-Mar-10	0												
2024-Mar-11	53	57.5	52.8	55.8	52.9	48.3	51.3	51.4	49	47.8	50.7	45.3	49.3
2024-Mar-12	8	54.5	38.6	54.4	51.6	38.4	51.4	49.3	38.6	48.9	47	0	47
2024-Mar-13	2	55	34.1	54.9	52.8	37.2	52.8	49	0	49	47.2	0	47.2
2024-Mar-14	13	56.4	52.5	54.3	51.9	26.8	51.9	48.8	0	48.8	49.9	47.2	46.7
2024-Mar-15	23	55.7	51.9	53.4	51.6	41.2	51.2	49.9	44.4	48.5	48.7	46	45.4
2024-Mar-16	39	56	53.1	53	49.5	40.3	49	52.3	50.8	47.3	49	46	46
2024-Mar-17	18	56.2	51	54.8	50.2	40.7	49.7	48.7	33.3	48.6	49.9	45.5	48.1
2024-Mar-18	15	56	49.2	55	50.6	38.9	50.4	50.3	0	50.3	49.2	43.8	47.8
2024-Mar-19	12	54.7	44.6	54.2	51.8	42.8	51.3	48.3	0	48.3	47.4	37.6	46.9
2024-Mar-20	14	56.2	50.5	54.9	51.1	32.5	51	48.1	0	48.1	49.8	45.2	48
2024-Mar-21	18	56.5	50.8	55.2	52.7	35.6	52.6	48.7	38.9	48.2	49.8	45.3	47.9
2024-Mar-22	48	55.1	51.5	52.6	51.6	48.1	49.1	48.6	42.2	47.5	48	44.9	45.3
2024-Mar-23	32	55.6	51.2	53.8	50	40	49.6	51.1	47.6	48.7	48.7	44.6	46.8
2024-Mar-24	8	56	38.6	55.9	50.9	41.6	50.4	47.9	0	47.9	49.6	0	49.6
2024-Mar-25	11	56.2	50.5	54.9	52.5	27.5	52.5	49.1	0	49.1	49.2	45.2	47.2
2024-Mar-26	32	55	51.7	52.3	50	43.1	49.1	49.4	45.8	46.9	48.2	45.5	45
2024-Mar-27	88	56.6	53.9	53.3	54	51.2	50.9	51.7	50	47.2	48.7	45.9	45.6
2024-Mar-28	8	55.2	43.6	55	51.2	42.1	50.6	48.9	32.5	48.8	48.3	36.3	48.1
2024-Mar-29	27	56	52.3	53.8	49.6	38.4	49.3	50.2	46.9	47.6	49.6	46.3	47
2024-Mar-30	33	55.3	51.3	53.2	49.5	44.4	47.9	50.8	47.7	48	48.7	44.6	46.7
2024-Mar-31	22	52.8	46.4	51.7	49.9	45.6	47.9	48.8	40	48.2	46.3	39.1	45.4



EVENTS Lmax - January 2024

Monitor W2

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2024-Jan-01	11:01:56	44	86.41	B738	Commercial Jet	D	27
2024-Jan-01	11:28:03	45	88.93	B738	Commercial Jet	D	27
2024-Jan-01	13:46:41	34	86.72	A321	Commercial Jet	D	27
2024-Jan-01	14:27:39	29	85.65	B738	Commercial Jet	D	27
2024-Jan-01	14:32:02	35	86.4	A321	Commercial Jet	D	27
2024-Jan-01	16:06:59	29	86.58	B738	Commercial Jet	D	27
2024-Jan-01	16:39:11	32	87.23	A320	Commercial Jet	D	27
2024-Jan-01	21:25:33	48	85.08	A321	Commercial Jet	D	27
2024-Jan-01	21:43:47	32	85.93	B739	Commercial Jet	D	27
2024-Jan-02	10:48:28	35	88.27	E190	Regional Jet	D	27
2024-Jan-02	11:48:31	33	88.19	B738	Commercial Jet	D	27
2024-Jan-02	21:14:18	36	86.33	A320	Commercial Jet	D	27
2024-Jan-03	00:29:33	43	85.03	B738	Commercial Jet	D	27
2024-Jan-03	09:29:01	54	85.17	A320	Commercial Jet	D	27
2024-Jan-03	11:50:06	61	87.84	B739	Commercial Jet	D	27
2024-Jan-03	13:06:59	34	89.58	A320	Commercial Jet	D	27
2024-Jan-03	15:18:12	30	86.81	A320	Commercial Jet	D	27
2024-Jan-04	10:02:04	60	87.09	B763	Commercial Jet	D	27
2024-Jan-04	10:48:15	72	90.2	B738	Commercial Jet	D	27
2024-Jan-04	11:51:15	65	92.31	B738	Commercial Jet	D	27
2024-Jan-05	10:53:37	44	90.86	B738	Commercial Jet	D	27
2024-Jan-05	11:36:07	35	86.48	B738	Commercial Jet	D	27
2024-Jan-05	14:35:32	37	85.79	A321	Commercial Jet	D	27
2024-Jan-05	14:57:38	36	86.74	E190	Regional Jet	D	27
2024-Jan-05	17:15:29	30	85.3	B738	Commercial Jet	D	27
2024-Jan-05	21:25:01	41	85.94	B752	Commercial Jet	D	27
2024-Jan-06	09:38:30	41	86.94	A320	Commercial Jet	D	27
2024-Jan-06	12:06:01	51	91.19	B738	Commercial Jet	D	27
2024-Jan-06	12:40:39	23	85.18	B38M	Commercial Jet	D	27
2024-Jan-06	12:43:07	35	91.47	B738	Commercial Jet	D	27
2024-Jan-06	13:01:03	33	85.38	A320	Commercial Jet	D	27
2024-Jan-06	22:08:15	40	85.79	B738	Commercial Jet	D	27
2024-Jan-06	23:01:06	46	88.19	B738	Commercial Jet	D	27
2024-Jan-07	09:14:52	35	86.12	B738	Commercial Jet	D	27
2024-Jan-07	10:18:40	35	85.94	B738	Commercial Jet	D	27
2024-Jan-07	11:15:57	23	87.17	B738	Commercial Jet	D	27
2024-Jan-07	11:31:09	35	87.35	B738	Commercial Jet	D	27
2024-Jan-07	11:48:10	50	86	B738	Commercial Jet	D	27
2024-Jan-07	12:14:25	35	89.09	A320	Commercial Jet	D	27
2024-Jan-07	13:37:01	43	86.35	B738	Commercial Jet	D	27
2024-Jan-07	14:41:56	37	87.06	A321	Commercial Jet	D	27
2024-Jan-07	16:15:23	32	88.46	B738	Commercial Jet	D	27
2024-Jan-07	16:22:47	50	85.87	B738	Commercial Jet	D	27
2024-Jan-07	18:27:14	33	85.39	B738	Commercial Jet	D	27
2024-Jan-07	20:13:30	32	86.85	A321	Commercial Jet	D	27
2024-Jan-08	10:16:54	41	86.01	B738	Commercial Jet	D	27

Месечни доклади за шум

Приложение 4

2024-Jan-08	22:22:24	53	85.12	B738	Commercial Jet	D	27
2024-Jan-08	23:31:43	36	85.03	B738	Commercial Jet	D	27
2024-Jan-09	06:48:16	28	85.07	E195	Commercial Jet	D	27
2024-Jan-09	07:34:56	42	85.81	A321	Commercial Jet	D	27
2024-Jan-10	13:51:44	38	89.52	B738	Commercial Jet	D	27
2024-Jan-10	15:52:42	34	88.31	B738	Commercial Jet	D	27
2024-Jan-11	13:42:33	41	87.34	B763	Commercial Jet	D	27
2024-Jan-12	10:54:25	68	85.24	B738	Commercial Jet	D	27
2024-Jan-12	20:39:45	35	88.98	B744	Commercial Jet	D	27
2024-Jan-14	16:32:28	35	86.02	B738	Commercial Jet	D	27
2024-Jan-15	09:29:12	28	86.58	B738	Commercial Jet	D	27
2024-Jan-15	10:11:55	37	87.61	B738	Commercial Jet	D	27
2024-Jan-15	10:46:01	30	86.27	E190	Regional Jet	D	27
2024-Jan-15	12:22:50	44	86.19	B738	Commercial Jet	D	27
2024-Jan-15	14:24:04	38	86.35	A321	Commercial Jet	D	27
2024-Jan-15	15:09:41	44	86.08	A321	Commercial Jet	D	27
2024-Jan-15	22:15:51	58	87.9	B738	Commercial Jet	D	27
2024-Jan-16	15:42:00	29	88.37	B738	Commercial Jet	D	27
2024-Jan-17	10:07:43	50	85.29	B739	Commercial Jet	D	27
2024-Jan-17	11:42:57	36	85.81	E190	Regional Jet	D	27
2024-Jan-17	12:42:24	34	86.07	E195	Commercial Jet	D	27
2024-Jan-17	13:35:44	65	88.18	B738	Commercial Jet	D	27
2024-Jan-18	19:13:09	41	91.62	B763	Commercial Jet	D	27
2024-Jan-19	10:34:58	46	86.07	B738	Commercial Jet	D	27
2024-Jan-19	11:30:51	40	85.3	B738	Commercial Jet	D	27
2024-Jan-19	12:16:29	37	85.37	B738	Commercial Jet	D	27
2024-Jan-19	12:38:28	27	90.21	A320	Commercial Jet	D	27
2024-Jan-19	14:11:35	24	89.44	A21N	Commercial Jet	D	27
2024-Jan-19	16:00:37	35	86.37	B738	Commercial Jet	D	27
2024-Jan-20	13:49:44	31	85.36	B738	Commercial Jet	D	27
2024-Jan-20	14:59:04	42	85.32	B738	Commercial Jet	D	27
2024-Jan-20	17:40:36	53	89.08	B763	Commercial Jet	D	27
2024-Jan-20	18:35:00	35	85.16	B738	Commercial Jet	D	27
2024-Jan-21	16:20:22	36	87.84	B738	Commercial Jet	D	27
2024-Jan-22	15:36:21	31	86.87	B738	Commercial Jet	D	27
2024-Jan-22	15:58:13	27	85.93	P180	Turboprop	D	27
2024-Jan-22	22:40:12	52	85.88	B738	Commercial Jet	D	27
2024-Jan-23	15:56:41	40	87.43	B738	Commercial Jet	D	27
2024-Jan-24	15:18:10	28	86.63	B738	Commercial Jet	D	27
2024-Jan-24	15:46:18	53	87.6	B738	Commercial Jet	D	27
2024-Jan-25	10:34:20	55	88.14	B744	Commercial Jet	D	27
2024-Jan-26	13:08:10	48	86	E190	Regional Jet	D	27
2024-Jan-28	08:27:40	30	86.16	B738	Commercial Jet	D	27
2024-Jan-28	12:08:27	34	86.48	A320	Commercial Jet	D	27
2024-Jan-28	12:48:18	32	85.44	A320	Commercial Jet	D	27
2024-Jan-28	13:52:57	31	85.77	B738	Commercial Jet	D	27
2024-Jan-29	09:31:47	35	87.54	B738	Commercial Jet	D	27
2024-Jan-29	11:36:37	33	85.48	B739	Commercial Jet	D	27
2024-Jan-29	19:54:51	29	85.4	B738	Commercial Jet	A	9
2024-Jan-30	11:06:50	36	85.4	B762	Commercial Jet	D	27
2024-Jan-30	11:32:00	62	85.56	B739	Commercial Jet	D	27
2024-Jan-30	11:38:51	35	88.44	B738	Commercial Jet	D	27

2024-Jan-31	11:08:22	34	88.48	E190	Regional Jet	D	27
2024-Jan-31	11:34:02	39	85.45	B739	Commercial Jet	D	27



EVENTS Lmax - January 2024

Monitor W3

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2024-Jan-04	10:48:30	34	85.93	B738	Commercial Jet	D	27
2024-Jan-04	11:51:31	51	87.16	B738	Commercial Jet	D	27
2024-Jan-05	10:53:53	35	86.12	B738	Commercial Jet	D	27
2024-Jan-06	12:06:15	50	87.3	B738	Commercial Jet	D	27
2024-Jan-06	12:12:00	112	88	B738	Commercial Jet	D	27
2024-Jan-06	12:43:18	43	88.21	B738	Commercial Jet	D	27
2024-Jan-06	23:01:19	52	85.78	B738	Commercial Jet	D	27
2024-Jan-07	11:16:11	27	85.33	B738	Commercial Jet	D	27
2024-Jan-10	13:51:57	35	85.65	B738	Commercial Jet	D	27
2024-Jan-12	20:40:03	39	85.49	B744	Commercial Jet	D	27
2024-Jan-17	13:35:56	113	86.23	B738	Commercial Jet	D	27
2024-Jan-18	19:13:22	44	87.95	B763	Commercial Jet	D	27
2024-Jan-25	17:04:12	80	85.23	B738	Commercial Jet	D	27
2024-Jan-31	17:51:19	53	85.07	B738	Commercial Jet	D	27



EVENTS Lmax - January 2024

Monitor W4

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2024-Jan-04	10:48:34	26	85.13	B738	Commercial Jet	D	27
2024-Jan-06	12:06:20	28	85.8	B738	Commercial Jet	D	27
2024-Jan-06	12:12:05	29	86.12	B738	Commercial Jet	D	27
2024-Jan-06	15:10:20	20	85.53	B738	Commercial Jet	A	9
2024-Jan-09	12:08:27	26	85.12	B190	Turboprop	A	9
2024-Jan-12	20:40:06	36	88.17	B744	Commercial Jet	D	27
2024-Jan-17	13:36:01	27	85.09	B738	Commercial Jet	D	27
2024-Jan-17	15:07:03	18	85.52	E190	Regional Jet	A	9
2024-Jan-18	13:05:48	26	85.43	B38M	Commercial Jet	A	9
2024-Jan-18	20:48:10	17	85.35	B738	Commercial Jet	A	9
2024-Jan-25	10:34:40	52	87.15	B744	Commercial Jet	D	27
2024-Jan-30	12:48:46	25	85.42	B738	Commercial Jet	A	9

Монитори W5, W6 и E2 не са регистрирали авиационни шумови събития с максимално ниво на шума Lmax по-високи от 85 dB(A) през м. януари 2024 г.



EVENTS Lmax - February 2024

Monitor W2

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2024-Feb-02	11:49:46	73	86.86	B738	Commercial Jet	D	27
2024-Feb-02	11:59:20	46	87.89	B738	Commercial Jet	D	27
2024-Feb-03	14:08:01	30	88.42	B738	Commercial Jet	D	27
2024-Feb-04	10:13:44	52	86.01	B738	Commercial Jet	D	27
2024-Feb-05	12:14:53	42	85.24	B738	Commercial Jet	D	27
2024-Feb-06	10:39:03	32	86.15	B738	Commercial Jet	D	27
2024-Feb-06	11:34:14	26	85.09	B38M	Commercial Jet	D	27
2024-Feb-06	11:39:07	38	85.4	B739	Commercial Jet	D	27
2024-Feb-06	13:18:14	45	86.6	A321	Commercial Jet	D	27
2024-Feb-06	14:06:22	31	89.5	B738	Commercial Jet	D	27
2024-Feb-06	15:43:32	30	89.93	B738	Commercial Jet	D	27
2024-Feb-06	16:14:19	34	89.97	B738	Commercial Jet	D	27
2024-Feb-07	11:28:07	31	85.18	A320	Commercial Jet	D	27
2024-Feb-07	15:50:52	29	88.67	B738	Commercial Jet	D	27
2024-Feb-08	10:27:56	27	86.07	B738	Commercial Jet	D	27
2024-Feb-08	13:15:34	32	85.64	B738	Commercial Jet	D	27
2024-Feb-08	13:26:02	31	89.7	B763	Commercial Jet	D	27
2024-Feb-08	14:14:00	30	87.06	A321	Commercial Jet	D	27
2024-Feb-08	16:02:38	32	88.37	A320	Commercial Jet	D	27
2024-Feb-08	17:08:40	40	90.67	B738	Commercial Jet	D	27
2024-Feb-09	11:26:02	33	90.16	B738	Commercial Jet	D	27
2024-Feb-09	11:29:54	31	85.8	E190	Regional Jet	D	27
2024-Feb-09	11:36:29	37	91.6	B738	Commercial Jet	D	27
2024-Feb-09	13:28:08	36	87.93	A321	Commercial Jet	D	27
2024-Feb-09	14:44:09	37	90.65	B738	Commercial Jet	D	27
2024-Feb-09	16:10:25	26	85.89	B738	Commercial Jet	D	27
2024-Feb-09	22:46:25	43	86.25	B738	Commercial Jet	D	27
2024-Feb-09	22:50:55	39	85.06	B738	Commercial Jet	D	27
2024-Feb-10	09:22:28	30	85.39	E190	Regional Jet	D	27
2024-Feb-10	10:06:17	27	85.66	B38M	Commercial Jet	D	27
2024-Feb-10	12:06:17	25	86.64	B38M	Commercial Jet	D	27
2024-Feb-10	12:41:33	30	86.86	B738	Commercial Jet	D	27
2024-Feb-10	14:56:57	42	87.73	B738	Commercial Jet	D	27
2024-Feb-11	09:15:08	24	85.3	B738	Commercial Jet	A	9
2024-Feb-11	09:52:53	38	85.75	B739	Commercial Jet	A	9
2024-Feb-11	12:39:56	44	85.76	B738	Commercial Jet	A	9
2024-Feb-11	23:59:16	24	85.41	A320	Commercial Jet	A	9
2024-Feb-12	07:02:31	25	87.38	B762	Commercial Jet	A	9
2024-Feb-12	11:02:50	42	85.19	A320	Commercial Jet	D	27
2024-Feb-12	11:33:46	46	87.9	B739	Commercial Jet	D	27
2024-Feb-12	12:27:10	34	86.32	B738	Commercial Jet	D	27
2024-Feb-12	19:27:40	29	85.54	B738	Commercial Jet	D	27
2024-Feb-13	11:31:12	65	87.82	B738	Commercial Jet	D	27
2024-Feb-13	11:35:43	57	87.49	B738	Commercial Jet	D	27
2024-Feb-13	11:39:31	56	85.7	B739	Commercial Jet	D	27
2024-Feb-13	16:03:50	35	87.88	B738	Commercial Jet	D	27

Месечни доклади за шум

Приложение 5

2024-Feb-13	16:06:07	53	87.14	B738	Commercial Jet	D	27
2024-Feb-15	13:33:33	60	87.38	B763	Commercial Jet	D	27
2024-Feb-15	22:04:48	29	85.4	B738	Commercial Jet	D	27
2024-Feb-16	11:06:34	34	89.35	B738	Commercial Jet	D	27
2024-Feb-16	11:52:38	42	85.87	B738	Commercial Jet	D	27
2024-Feb-16	14:09:30	38	86.56	A321	Commercial Jet	D	27
2024-Feb-16	15:40:14	36	89.81	73H	Commercial Jet	D	27
2024-Feb-16	17:08:11	43	89.55	73H	Commercial Jet	D	27
2024-Feb-16	19:11:20	33	85.84	A321	Commercial Jet	D	27
2024-Feb-16	21:53:19	36	85.11	B738	Commercial Jet	D	27
2024-Feb-16	22:14:41	50	85.48	B738	Commercial Jet	D	27
2024-Feb-16	22:18:58	43	85.83	B738	Commercial Jet	D	27
2024-Feb-17	01:32:50	18	87.07	B38M	Commercial Jet	D	27
2024-Feb-17	08:30:29	38	88.3	B738	Commercial Jet	D	27
2024-Feb-17	11:56:12	30	90.13	B738	Commercial Jet	D	27
2024-Feb-17	16:24:22	22	85.79	B38M	Commercial Jet	D	27
2024-Feb-17	20:02:39	29	88.56	B738	Commercial Jet	D	27
2024-Feb-17	20:10:39	32	89.58	B738	Commercial Jet	D	27
2024-Feb-17	20:49:48	35	88.51	B738	Commercial Jet	D	27
2024-Feb-17	21:44:01	23	85.78	B738	Commercial Jet	D	27
2024-Feb-17	22:58:59	52	85.36	B738	Commercial Jet	D	27
2024-Feb-18	09:16:28	48	88.12	B738	Commercial Jet	D	27
2024-Feb-18	09:39:50	39	86	B738	Commercial Jet	D	27
2024-Feb-18	13:54:01	31	86.6	B738	Commercial Jet	D	27
2024-Feb-18	14:29:58	33	85.31	E170	Regional Jet	D	27
2024-Feb-19	06:00:51	41	85.47	E195	Commercial Jet	D	27
2024-Feb-19	06:39:54	51	85.43	A321	Commercial Jet	D	27
2024-Feb-19	06:42:54	72	85.49	B738	Commercial Jet	D	27
2024-Feb-19	07:28:25	57	86.67	B763	Commercial Jet	D	27
2024-Feb-19	10:10:38	32	91.24	B738	Commercial Jet	D	27
2024-Feb-19	10:20:02	36	85.71	B738	Commercial Jet	D	27
2024-Feb-19	11:36:37	38	86.03	B739	Commercial Jet	D	27
2024-Feb-20	10:34:10	32	86.31	B738	Commercial Jet	D	27
2024-Feb-20	11:29:03	59	85.87	B739	Commercial Jet	D	27
2024-Feb-20	13:10:25	32	85.37	A320	Commercial Jet	D	27
2024-Feb-20	13:21:50	31	87.13	A320	Commercial Jet	D	27
2024-Feb-20	19:11:56	39	85.46	B738	Commercial Jet	D	27
2024-Feb-21	10:40:48	27	88.14	E190	Regional Jet	D	27
2024-Feb-21	12:46:40	29	87.78	E195	Commercial Jet	D	27
2024-Feb-21	13:58:06	38	87.7	B738	Commercial Jet	D	27
2024-Feb-21	15:35:11	37	88.02	B738	Commercial Jet	D	27
2024-Feb-21	15:51:34	30	88.06	B738	Commercial Jet	D	27
2024-Feb-22	13:28:21	40	92.4	B763	Commercial Jet	D	27
2024-Feb-22	14:46:47	31	86.33	E195	Commercial Jet	D	27
2024-Feb-22	17:07:05	42	86.11	B738	Commercial Jet	D	27
2024-Feb-23	11:26:31	38	87.03	B738	Commercial Jet	D	27
2024-Feb-23	11:43:05	29	86.8	E190	Regional Jet	D	27
2024-Feb-23	12:01:44	27	88.78	E190	Regional Jet	D	27



EVENTS Lmax - February 2024

Monitor W3

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2024-Feb-02	11:50:05	61	85.77	B738	Commercial Jet	D	27
2024-Feb-08	13:26:14	38	86.5	B763	Commercial Jet	D	27
2024-Feb-08	17:08:55	37	85.77	B738	Commercial Jet	D	27
2024-Feb-09	11:26:14	38	86.04	B738	Commercial Jet	D	27
2024-Feb-09	11:36:42	41	86.29	B738	Commercial Jet	D	27
2024-Feb-16	15:40:28	28	86.32	73H	Commercial Jet	D	27
2024-Feb-16	17:08:26	50	85.66	73H	Commercial Jet	D	27
2024-Feb-17	11:56:27	36	86.42	B738	Commercial Jet	D	27
2024-Feb-17	20:10:51	35	87.15	B738	Commercial Jet	D	27
2024-Feb-17	20:49:59	29	86.38	B738	Commercial Jet	D	27
2024-Feb-19	10:10:51	48	86.89	B738	Commercial Jet	D	27
2024-Feb-22	13:28:35	57	89.06	B763	Commercial Jet	D	27



EVENTS Lmax - February 2024

Monitor W4

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2024-Feb-11	08:39:47	17	85.79	B738	Commercial Jet	A	9
2024-Feb-11	09:52:34	20	85.71	B739	Commercial Jet	A	9
2024-Feb-11	10:22:25	20	85.24	B38M	Commercial Jet	A	9
2024-Feb-12	07:02:09	23	86.49	B762	Commercial Jet	A	9
2024-Feb-19	10:10:54	24	85.09	B738	Commercial Jet	D	27
2024-Feb-21	15:51:55	35	85.2	B738	Commercial Jet	D	27
2024-Feb-22	13:28:37	28	85.5	B763	Commercial Jet	D	27



EVENTS Lmax - February 2024

Monitor W5

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
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Монитори E1, E2 и W6 не са регистрирали авиационни шумови събития с максимално ниво на шума Lmax по-високи от 85 dB(A) през м. февруари 2024 г.





EVENTS Lmax - March 2024

Monitor W2

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2024-Mar-11	11:35:53	25	85.57	B738	Commercial Jet	A	9
2024-Mar-11	13:29:22	37	87.62	P180	Turboprop	A	9
2024-Mar-11	16:48:49	21	87.99	B734	Commercial Jet	A	9
2024-Mar-12	00:00:36	27	88.05	B738	Commercial Jet	D	27
2024-Mar-12	10:22:48	35	87.41	E190	Regional Jet	D	27
2024-Mar-12	11:35:10	48	85.85	B739	Commercial Jet	D	27
2024-Mar-12	15:40:58	42	88.37	B738	Commercial Jet	D	27
2024-Mar-12	16:38:00	42	89.91	B738	Commercial Jet	D	27
2024-Mar-12	16:46:14	51	85.83	B738	Commercial Jet	D	27
2024-Mar-13	06:36:19	54	85.64	B738	Commercial Jet	D	27
2024-Mar-13	15:27:47	53	87.58	B738	Commercial Jet	D	27
2024-Mar-13	21:29:01	36	88.29	B772	Commercial Jet	D	27
2024-Mar-14	13:26:04	38	86.98	B763	Commercial Jet	D	27
2024-Mar-14	14:13:08	41	86.23	B738	Commercial Jet	D	27
2024-Mar-15	12:14:11	23	85.15	B789	Commercial Jet	D	27
2024-Mar-15	13:04:33	30	89.33	A320	Commercial Jet	D	27
2024-Mar-15	13:10:51	35	88.21	B738	Commercial Jet	D	27
2024-Mar-15	13:42:49	31	89.83	B738	Commercial Jet	D	27
2024-Mar-15	13:54:57	31	86.15	GLEX	Business Jet	D	27
2024-Mar-15	14:10:04	33	86.12	A320	Commercial Jet	D	27
2024-Mar-15	14:38:48	36	85.22	B738	Commercial Jet	D	27
2024-Mar-15	14:44:17	28	87.37	E195	Commercial Jet	D	27
2024-Mar-15	14:48:21	35	86.45	A321	Commercial Jet	D	27
2024-Mar-15	15:40:44	31	92.08	B738	Commercial Jet	D	27
2024-Mar-15	16:03:28	33	87.8	B738	Commercial Jet	D	27
2024-Mar-15	17:16:37	34	88.98	B738	Commercial Jet	D	27
2024-Mar-15	22:43:55	28	86.86	B738	Commercial Jet	D	27
2024-Mar-16	11:07:08	35	91.4	B738	Commercial Jet	D	27
2024-Mar-16	11:32:39	42	89.5	B763	Commercial Jet	D	27
2024-Mar-16	12:14:00	86	85.46	B738	Commercial Jet	D	27
2024-Mar-16	12:45:41	28	89.93	A320	Commercial Jet	D	27
2024-Mar-16	13:14:57	28	86.36	A320	Commercial Jet	D	27
2024-Mar-16	13:45:46	38	90.48	B763	Commercial Jet	D	27
2024-Mar-16	13:48:28	45	85.02	B738	Commercial Jet	D	27
2024-Mar-16	14:08:04	36	90.07	B738	Commercial Jet	D	27
2024-Mar-16	14:25:13	31	89.48	B738	Commercial Jet	D	27
2024-Mar-16	16:23:28	51	88.59	B763	Commercial Jet	D	27
2024-Mar-16	16:52:35	35	88.41	B738	Commercial Jet	D	27
2024-Mar-16	17:51:58	36	88.04	B738	Commercial Jet	D	27
2024-Mar-16	18:17:19	33	85.9	A321	Commercial Jet	D	27
2024-Mar-16	18:37:24	40	89.54	B738	Commercial Jet	D	27
2024-Mar-17	00:33:27	29	87.2	B738	Commercial Jet	A	9
2024-Mar-17	09:17:17	32	90.79	B738	Commercial Jet	D	27
2024-Mar-17	10:13:35	34	88.77	B738	Commercial Jet	D	27
2024-Mar-17	12:55:37	58	85.99	A319	Commercial Jet	D	27
2024-Mar-17	13:59:33	44	87.12	B738	Commercial Jet	D	27

Месечни доклади за шум

Приложение 6

2024-Mar-17	15:30:13	51	85.75	B738	Commercial Jet	D	27
2024-Mar-17	15:59:24	25	85.73	B738	Commercial Jet	D	27
2024-Mar-17	16:01:38	33	86.38	A320	Commercial Jet	D	27
2024-Mar-17	16:17:47	33	86.94	B738	Commercial Jet	D	27
2024-Mar-17	18:36:46	60	86.4	A321	Commercial Jet	D	27
2024-Mar-17	18:49:14	32	85.26	A319	Commercial Jet	D	27
2024-Mar-18	09:42:19	30	88.47	B738	Commercial Jet	D	27
2024-Mar-18	10:10:42	26	86.12	B738	Commercial Jet	D	27
2024-Mar-18	10:16:49	37	90.06	B738	Commercial Jet	D	27
2024-Mar-18	11:38:43	37	86.68	B739	Commercial Jet	D	27
2024-Mar-18	14:25:55	31	90.45	B738	Commercial Jet	D	27
2024-Mar-18	14:56:53	38	86.08	A320	Commercial Jet	D	27
2024-Mar-18	15:48:44	28	87.47	B738	Commercial Jet	D	27
2024-Mar-18	15:50:32	25	86.47	B738	Commercial Jet	D	27
2024-Mar-18	19:19:01	32	90.98	B744	Commercial Jet	D	27
2024-Mar-19	07:59:31	31	87.88	A320	Commercial Jet	D	27
2024-Mar-19	08:04:25	80	94.38	C56X	Business Jet	D	27
2024-Mar-19	09:50:07	53	85.04	B739	Commercial Jet	D	27
2024-Mar-19	11:03:30	31	86.91	B738	Commercial Jet	D	27
2024-Mar-19	13:08:18	36	87.91	A320	Commercial Jet	D	27
2024-Mar-19	13:30:49	31	87.78	A319	Commercial Jet	D	27
2024-Mar-19	14:51:30	33	85.55	E190	Regional Jet	D	27
2024-Mar-19	15:00:42	31	85.33	E75S	Regional Jet	D	27
2024-Mar-19	15:39:48	33	90	B738	Commercial Jet	D	27
2024-Mar-19	16:34:18	33	86.72	A320	Commercial Jet	D	27
2024-Mar-20	07:12:44	36	86.3	B738	Commercial Jet	D	27
2024-Mar-20	10:28:22	35	85.12	E190	Regional Jet	D	27
2024-Mar-20	13:51:06	30	88.31	B738	Commercial Jet	D	27
2024-Mar-20	14:19:53	41	89.07	B744	Commercial Jet	D	27
2024-Mar-20	15:20:11	35	87.5	B738	Commercial Jet	D	27
2024-Mar-20	16:00:28	30	87.88	B738	Commercial Jet	D	27
2024-Mar-20	18:25:11	33	86.6	E75S	Regional Jet	D	27
2024-Mar-21	13:30:28	42	87.16	B763	Commercial Jet	D	27
2024-Mar-21	14:31:17	23	88.36	C130	Turboprop	D	27
2024-Mar-21	17:04:18	50	86	B738	Commercial Jet	D	27
2024-Mar-22	10:39:24	39	88.64	B738	Commercial Jet	D	27
2024-Mar-22	10:56:56	32	89.17	B738	Commercial Jet	D	27
2024-Mar-22	11:30:46	26	85.11	B38M	Commercial Jet	D	27
2024-Mar-22	11:36:08	36	85.4	E190	Regional Jet	D	27
2024-Mar-22	12:19:42	34	85.41	B738	Commercial Jet	D	27
2024-Mar-22	17:50:11	28	86.95	B744	Commercial Jet	A	9
2024-Mar-22	21:52:14	43	86.89	B739	Commercial Jet	D	27
2024-Mar-22	22:54:06	44	91.69	B744	Commercial Jet	D	27
2024-Mar-23	09:20:57	29	85.78	E190	Regional Jet	D	27
2024-Mar-23	09:38:18	32	86.26	A320	Commercial Jet	D	27
2024-Mar-23	10:00:33	35	87.14	B739	Commercial Jet	D	27
2024-Mar-23	10:07:56	21	85.24	B38M	Commercial Jet	D	27
2024-Mar-23	10:16:01	29	88.81	B738	Commercial Jet	D	27
2024-Mar-23	12:17:06	44	86.06	B738	Commercial Jet	D	27
2024-Mar-23	14:35:49	31	92.12	B738	Commercial Jet	D	27
2024-Mar-23	16:26:23	35	85.45	B738	Commercial Jet	D	27
2024-Mar-24	09:46:58	48	85.55	C650	Business Jet	D	27

Месечни доклади за шум

Приложение 6

2024-Mar-24	13:54:32	34	87.17	B738	Commercial Jet	D	27
2024-Mar-24	16:32:04	40	85.48	B738	Commercial Jet	D	27
2024-Mar-25	03:59:41	36	91.78	B77W	Commercial Jet	D	27
2024-Mar-25	09:47:03	70	87.49	B738	Commercial Jet	D	27
2024-Mar-25	12:16:59	36	89.06	B738	Commercial Jet	D	27
2024-Mar-25	18:32:27	34	85.67	E170	Regional Jet	D	27
2024-Mar-26	10:05:00	31	85.2	B738	Commercial Jet	D	27
2024-Mar-26	10:22:35	32	86.81	E190	Regional Jet	D	27
2024-Mar-26	13:18:48	33	88.48	A320	Commercial Jet	D	27
2024-Mar-26	13:40:36	31	85.85	A321	Commercial Jet	D	27
2024-Mar-26	14:56:02	31	85.76	A321	Commercial Jet	D	27
2024-Mar-26	20:36:01	26	85.84	B738	Commercial Jet	A	9
2024-Mar-27	08:13:49	27	85.95	A306	Commercial Jet	A	9
2024-Mar-27	09:06:05	27	85.68	B739	Commercial Jet	A	9
2024-Mar-27	11:36:37	24	85.16	B738	Commercial Jet	A	9
2024-Mar-27	12:24:05	36	85.96	A320	Commercial Jet	A	9
2024-Mar-27	14:37:03	33	91.32	A320	Commercial Jet	T	9
2024-Mar-27	17:02:23	24	85.66	B738	Commercial Jet	A	9
2024-Mar-28	00:57:08	38	87.64	B763	Commercial Jet	A	9
2024-Mar-28	09:28:51	24	85.74	B763	Commercial Jet	A	9
2024-Mar-28	12:46:50	35	86.02	A321	Commercial Jet	D	27
2024-Mar-28	13:16:41	37	90.1	B763	Commercial Jet	D	27
2024-Mar-28	17:13:02	29	89.38	B738	Commercial Jet	D	27
2024-Mar-28	17:21:46	28	85.94	B738	Commercial Jet	D	27
2024-Mar-28	18:50:24	40	92.54	B744	Commercial Jet	D	27
2024-Mar-29	10:49:55	43	89.78	B738	Commercial Jet	D	27
2024-Mar-29	12:25:21	38	90.89	B738	Commercial Jet	D	27
2024-Mar-29	13:10:46	27	87.79	A320	Commercial Jet	D	27
2024-Mar-29	13:42:52	34	89	B738	Commercial Jet	D	27
2024-Mar-29	14:42:52	36	87.51	E190	Regional Jet	D	27
2024-Mar-29	14:46:16	26	89.4	E195	Commercial Jet	D	27
2024-Mar-29	15:39:40	31	89.36	B738	Commercial Jet	D	27
2024-Mar-29	17:15:32	33	91.63	B738	Commercial Jet	D	27
2024-Mar-29	19:32:18	30	85.71	A321	Commercial Jet	D	27
2024-Mar-30	09:41:45	42	87.99	C17	Military	D	27
2024-Mar-30	10:04:10	35	90.51	B738	Commercial Jet	D	27
2024-Mar-30	10:29:43	22	85.51	B38M	Commercial Jet	D	27
2024-Mar-30	11:51:22	56	91.66	B738	Commercial Jet	D	27
2024-Mar-30	11:55:03	39	95.84	B744	Commercial Jet	D	27
2024-Mar-30	12:25:34	35	91.58	B738	Commercial Jet	D	27
2024-Mar-30	12:28:51	28	85.72	B38M	Commercial Jet	D	27
2024-Mar-30	12:34:09	70	94.73	B744	Commercial Jet	D	27
2024-Mar-30	12:55:11	35	85.62	B738	Commercial Jet	D	27
2024-Mar-30	13:00:55	41	89.51	A320	Commercial Jet	D	27
2024-Mar-30	13:52:41	28	85.18	B738	Commercial Jet	D	27
2024-Mar-30	14:13:07	36	86.07	A321	Commercial Jet	D	27
2024-Mar-30	14:26:54	15	85.9	B38M	Commercial Jet	D	27
2024-Mar-30	14:40:52	29	85.47	B738	Commercial Jet	D	27
2024-Mar-30	15:19:39	37	89.33	B738	Commercial Jet	D	27
2024-Mar-30	16:46:03	27	86.7	B738	Commercial Jet	D	27
2024-Mar-30	18:19:53	30	87.72	A321	Commercial Jet	D	27
2024-Mar-30	20:34:02	25	88.03	A321	Commercial Jet	D	27

2024-Mar-31	12:21:27	37	89.12	B738	Commercial Jet	D	27
2024-Mar-31	12:26:23	50	86.05	A320	Commercial Jet	D	27
2024-Mar-31	12:50:13	31	90.49	B738	Commercial Jet	D	27
2024-Mar-31	13:50:28	30	85.81	E190	Regional Jet	D	27
2024-Mar-31	14:05:44	48	89	B738	Commercial Jet	D	27
2024-Mar-31	16:28:54	49	85.62	E195	Commercial Jet	D	27
2024-Mar-31	17:01:59	33	90.69	B738	Commercial Jet	D	27
2024-Mar-31	17:31:33	32	89.7	B738	Commercial Jet	D	27
2024-Mar-31	18:30:45	27	85.09	B738	Commercial Jet	D	27
2024-Mar-31	23:36:56	39	85.02	B738	Commercial Jet	D	27



EVENTS Lmax - March 2024

Monitor W3

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2024-Mar-11	13:29:10	47	85.54	P180	Turboprop	A	9
2024-Mar-15	15:40:56	46	87.1	B738	Commercial Jet	D	27
2024-Mar-16	11:07:21	59	87.44	B738	Commercial Jet	D	27
2024-Mar-16	11:32:52	34	86.39	B763	Commercial Jet	D	27
2024-Mar-16	14:08:19	68	85.97	B738	Commercial Jet	D	27
2024-Mar-16	14:25:28	43	85.58	B738	Commercial Jet	D	27
2024-Mar-16	18:37:40	48	86.47	B738	Commercial Jet	D	27
2024-Mar-17	09:17:32	35	87.34	B738	Commercial Jet	D	27
2024-Mar-17	10:13:50	42	85.6	B738	Commercial Jet	D	27
2024-Mar-18	12:14:33	41	85.16	B738	Commercial Jet	D	27
2024-Mar-18	14:26:11	44	85.56	B738	Commercial Jet	D	27
2024-Mar-18	19:19:17	34	87.5	B744	Commercial Jet	D	27
2024-Mar-19	15:40:01	40	86.52	B738	Commercial Jet	D	27
2024-Mar-20	14:20:08	67	86.91	B744	Commercial Jet	D	27
2024-Mar-20	18:32:48	72	89.01	B744	Commercial Jet	D	27
2024-Mar-22	10:39:38	47	85.96	B738	Commercial Jet	D	27
2024-Mar-22	10:57:07	43	85.32	B738	Commercial Jet	D	27
2024-Mar-22	12:19:54	55	85.06	B738	Commercial Jet	D	27
2024-Mar-22	22:54:19	99	90.68	B744	Commercial Jet	D	27
2024-Mar-23	10:16:17	35	85.05	B738	Commercial Jet	D	27
2024-Mar-23	14:36:01	34	86.94	B738	Commercial Jet	D	27
2024-Mar-25	03:59:54	44	86.54	B77W	Commercial Jet	D	27
2024-Mar-25	12:17:16	42	86.83	B738	Commercial Jet	D	27
2024-Mar-28	13:16:55	48	87.5	B763	Commercial Jet	D	27
2024-Mar-28	18:50:36	67	90.75	B744	Commercial Jet	D	27
2024-Mar-29	10:50:11	34	85.76	B738	Commercial Jet	D	27
2024-Mar-29	12:25:36	43	86.83	B738	Commercial Jet	D	27
2024-Mar-29	14:46:33	27	85.33	E195	Commercial Jet	D	27
2024-Mar-29	15:39:55	43	85.06	B738	Commercial Jet	D	27
2024-Mar-29	17:15:45	34	86.53	B738	Commercial Jet	D	27
2024-Mar-30	10:04:22	44	86.02	B738	Commercial Jet	D	27
2024-Mar-30	11:18:55	37	85.9	FA7X	Business Jet	D	27
2024-Mar-30	11:51:36	36	88.07	B738	Commercial Jet	D	27
2024-Mar-30	11:55:16	35	90.95	B744	Commercial Jet	D	27
2024-Mar-30	12:25:46	48	87.51	B738	Commercial Jet	D	27
2024-Mar-30	12:34:21	65	89.23	B744	Commercial Jet	D	27

2024-Mar-31	12:21:40	30	85.06	B738	Commercial Jet	D	27
2024-Mar-31	12:50:26	29	85.31	B738	Commercial Jet	D	27
2024-Mar-31	14:05:59	33	85.09	B738	Commercial Jet	D	27
2024-Mar-31	17:02:13	39	85.48	B738	Commercial Jet	D	27



EVENTS Lmax - March 2024

Monitor W4

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2024-Mar-11	10:33:37	31	85.35	B738	Commercial Jet	A	9
2024-Mar-11	13:28:57	46	88.56	P180	Turboprop	A	9
2024-Mar-11	15:10:38	27	85.38	B738	Commercial Jet	A	9
2024-Mar-11	16:48:27	19	85.72	B734	Commercial Jet	A	9
2024-Mar-11	18:52:42	19	85.33	B738	Commercial Jet	A	9
2024-Mar-11	20:42:17	19	86.38	B738	Commercial Jet	A	9
2024-Mar-16	14:08:22	34	86.15	B738	Commercial Jet	D	27
2024-Mar-16	19:14:38	19	85.09	B738	Commercial Jet	A	9
2024-Mar-18	07:51:22	25	85.45	AT72	Turboprop	A	9
2024-Mar-20	14:20:15	43	86.17	B744	Commercial Jet	D	27
2024-Mar-20	18:32:56	35	88.07	B744	Commercial Jet	D	27
2024-Mar-22	17:49:52	28	87.9	B744	Commercial Jet	A	9
2024-Mar-22	22:54:22	60	90.79	B744	Commercial Jet	D	27
2024-Mar-26	20:35:40	21	85.52	B738	Commercial Jet	A	9
2024-Mar-27	08:13:25	30	85.39	A306	Commercial Jet	A	9
2024-Mar-27	09:40:55	24	85.07	A320	Commercial Jet	T	9
2024-Mar-27	10:02:34	118	85.38	B738	Commercial Jet	A	9
2024-Mar-27	14:59:31	19	86.06	A320	Commercial Jet	T	9
2024-Mar-27	21:35:53	29	85.16	B738	Commercial Jet	A	9
2024-Mar-28	00:56:46	35	88.72	B763	Commercial Jet	A	9
2024-Mar-28	02:59:38	37	86.06	AT76	Turboprop	A	9
2024-Mar-28	09:28:36	27	87.58	B763	Commercial Jet	A	9
2024-Mar-28	18:50:43	45	90.45	B744	Commercial Jet	D	27
2024-Mar-30	11:51:37	24	85.5	B738	Commercial Jet	D	27
2024-Mar-30	11:55:20	25	93.41	B744	Commercial Jet	D	27
2024-Mar-30	12:25:49	30	85.76	B738	Commercial Jet	D	27
2024-Mar-30	12:34:25	29	94.08	B744	Commercial Jet	D	27
2024-Mar-31	08:20:53	19	85.24	B739	Commercial Jet	A	9



EVENTS Lmax - March 2024

Monitor W5

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2024-Mar-27	17:10:04	33	85.94	A320	Commercial Jet	T	9



EVENTS Lmax - March 2024

Monitor W6

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2024-Mar-27	11:29:25	120	85.37	B738	Commercial Jet	A	9

Монитор Е2 не е регистрирал авиационни шумови събития с максимално ниво на шума  $L_{max}$  по-високи от 85 dB(A) през м. март 2024 г.

Монитор Е2 не е регистрирал авиационни шумови събития с максимално ниво на шума  $L_{max}$  по-високи от 85 dB(A) през м. март 2024 г.

# **ТРИМЕСЕЧЕН ДОКЛАД ЗА ПЕРИОДА ЯНУАРИ-МАРТ 2024 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 януари-март 2024 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.

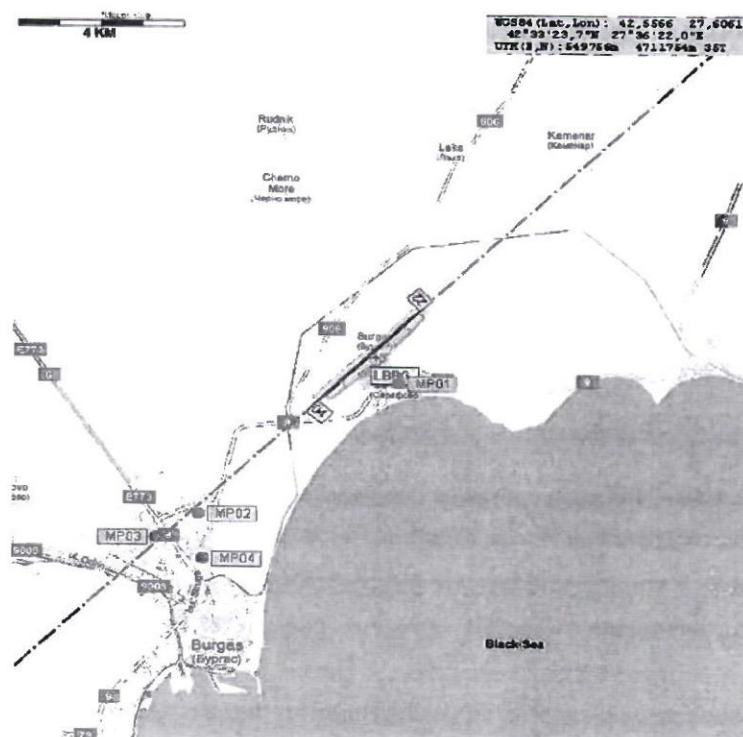
Конкретните локации за разполагане на терминалните станции са както следва:

**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 1-во тримесечие на 2024 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. януари, м. февруари, м. март.

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 – фонов шум ( $L_{eq}$  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 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  $L_{DEN}$  correlated и кумулативния шум  $L_{DEN}$  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		
	Януари 2024 г.	Февруари 2024 г.	Март 2024 г.
MP01	155	147	50
MP02	56	60	15
MP03	56	60	15
MP04	56	60	15

**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 януари, февруари и март 2024.

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.

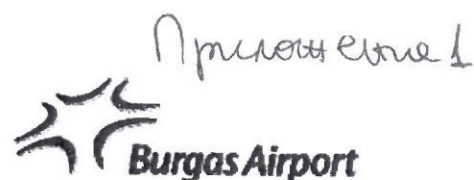
Изготвил:



**М. Христова**

Експерт ИСУ, звено „Интегрирани системи за управление и медицинско обслужване”

**Traffic by Aircraft Type**  
**January 2024**



AC-Type	AC-Type Long Name	Movements per Month			Sum
		January	February	March	
A109	AgustaWestland AW-109	2	0	0	2
A124	Antonov An-124 Ruslan	10	0	4	14
A139	AgustaWestland AW-139	2	0	0	2
A21N	Airbus A321neo	22	22	8	52
A30B	Airbus A300-B2/-B4/-C4	0	2	0	2
A319	Airbus A319	0	4	0	4
A320	Airbus A320	2	0	0	2
A321	Airbus A321	6	2	2	10
A332	Airbus A330-200	5	0	0	5
A400	Airbus A-400M	0	2	0	2
AN12	Antonov An-12	2	0	0	2
AS50	Eurocopter AS-350 Ecureuil	2	0	0	2
B38M	Boeing 737 MAX 8	2	4	2	8
B734	Boeing 737-400	2	0	0	2
B737	Boeing 737-700	2	0	0	2
B738	Boeing 737-800	70	54	24	148
B744	Boeing 747-400	2	1	0	3
B762	Boeing 767-200	4	4	2	10
B772	Boeing 777-200	0	0	2	2
B789	Boeing 787-9 Dreamliner	0	0	2	2
BE40	Hawker 400	0	2	0	2
C17	C-17 Globemaster 3	2	2	0	4
C25B	Cessna 525B Citation CJ3	2	2	0	4
C30J	Lockheed Martin C-130J Hercules	2	0	0	2
C550	Cessna 550 Citation 2	0	4	0	4
C56X	Cessna 560XL Citation Excel	2	0	0	2
CL30	Bombardier BD-100 Challenger 300	2	0	0	2
CL60	Bombardier CL-600 Challenger 600	0	2	0	2
E35L	Embraer EMB-135BJ Legacy	2	0	2	4
F2TH	Dassault Falcon 2000	0	2	0	2
GALX	IAI 1126 Galaxy	0	6	0	6
GL5T	Bombardier BD-700 Global 5000	0	2	0	2
GLF6	Gulfstream G650	0	6	0	6
H25B	BAe 125-700/-800	0	2	0	2
H60	Sikorsky HH-60	0	2	0	2
IL76	Ilyushin Il-76	0	6	2	8
LJ35	Bombardier Learjet 35/36	2	2	0	4
M20P	Aerostar (1) 200	0	2	0	2
PA46	Piper PA-46-310P Malibu	2	0	0	2
PAY2	Piper PA-31T-620 Cheyenne 2	0	2	0	2
PC12	Pilatus PC-12	0	4	0	4
PC24		4	0	0	4
ULAC		0	2	0	2
VL3		0	2	0	2
Sum		155	147	50	352

**Equivalent Continuous Sound Level**  
**MP01 NMTBOJ001**  
**January 2024**

	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>
1/1/2024	*	*	*	*	*
1/2/2024	*	*	*	*	*
1/3/2024	*	*	*	*	*
1/4/2024	*	*	*	*	*
1/5/2024	*	*	*	*	*
1/6/2024	*	*	*	*	*
1/7/2024	*	*	*	*	*
1/8/2024	*	*	*	*	*
1/9/2024	*	*	*	*	*
1/10/2024	*	*	*	*	*
1/11/2024	*	*	*	*	*
1/12/2024	*	*	*	*	*
1/13/2024	*	*	*	*	*
1/14/2024	*	*	*	*	*
1/15/2024	*	*	*	*	*
1/16/2024	*	*	*	*	*
1/17/2024	*	*	*	*	*
1/18/2024	*	*	*	*	*
1/19/2024	*	*	*	*	*
1/20/2024	*	*	*	*	*
1/21/2024	*	*	*	*	*
1/22/2024	*	*	*	*	*
1/23/2024	*	*	*	*	*
1/24/2024	*	*	*	*	*
1/25/2024	*	*	*	*	*
1/26/2024	*	*	*	*	*
1/27/2024	*	*	*	*	*
1/28/2024	*	*	*	*	*
1/29/2024	*	*	*	*	*
1/30/2024	*	*	*	*	*
1/31/2024	*	*	*	*	*
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>
1/1/2024	*	*	*	*	*
1/2/2024	*	*	*	*	*
1/3/2024	*	*	*	*	*
1/4/2024	*	*	*	*	*
1/5/2024	*	*	*	*	*
1/6/2024	*	*	*	*	*
1/7/2024	*	*	*	*	*
1/8/2024	*	*	*	*	*
1/9/2024	*	*	*	*	*
1/10/2024	*	*	*	*	*
1/11/2024	*	*	*	*	*
1/12/2024	*	*	*	*	*
1/13/2024	*	*	*	*	*
1/14/2024	*	*	*	*	*
1/15/2024	*	*	*	*	*
1/16/2024	*	*	*	*	*
1/17/2024	*	*	*	*	*
1/18/2024	*	*	*	*	*
1/19/2024	*	*	*	*	*
1/20/2024	*	*	*	*	*
1/21/2024	*	*	*	*	*
1/22/2024	*	*	*	*	*
1/23/2024	*	*	*	*	*
1/24/2024	*	*	*	*	*
1/25/2024	*	*	*	*	*
1/26/2024	*	*	*	*	*
1/27/2024	*	*	*	*	*
1/28/2024	*	*	*	*	*
1/29/2024	*	*	*	*	*
1/30/2024	*	*	*	*	*
1/31/2024	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%

Equivalent Continuous Sound Level

MP02 NMTBOJ002

January 2024



	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>
1/1/2024	*	*	*	*	*	*	*	*	*	*
1/2/2024	*	*	*	*	*	*	*	*	*	*
1/3/2024	*	*	*	*	*	*	*	*	*	*
1/4/2024	*	*	*	*	*	*	*	*	*	*
1/5/2024	*	*	*	*	*	*	*	*	*	*
1/6/2024	*	*	*	*	*	*	*	*	*	*
1/7/2024	*	*	*	*	*	*	*	*	*	*
1/8/2024	*	*	*	*	*	*	*	*	*	*
1/9/2024	*	*	*	*	*	*	*	*	*	*
1/10/2024	*	*	*	*	*	*	*	*	*	*
1/11/2024	*	*	*	*	*	*	*	*	*	*
1/12/2024	*	*	*	*	*	*	*	*	*	*
1/13/2024	*	*	*	*	*	*	*	*	*	*
1/14/2024	*	*	*	*	*	*	*	*	*	*
1/15/2024	*	*	*	*	*	*	*	*	*	*
1/16/2024	*	*	*	*	*	*	*	*	*	*
1/17/2024	*	*	*	*	*	*	*	*	*	*
1/18/2024	*	*	*	*	*	*	*	*	*	*
1/19/2024	*	*	*	*	*	*	*	*	*	*
1/20/2024	*	*	*	*	*	*	*	*	*	*
1/21/2024	*	*	*	*	*	*	*	*	*	*
1/22/2024	*	*	*	*	*	*	*	*	*	*
1/23/2024	*	*	*	*	*	*	*	*	*	*
1/24/2024	*	*	*	*	*	*	*	*	*	*
1/25/2024	*	*	*	*	*	*	*	*	*	*
1/26/2024	*	*	*	*	*	*	*	*	*	*
1/27/2024	*	*	*	*	*	*	*	*	*	*
1/28/2024	*	*	*	*	*	*	*	*	*	*
1/29/2024	*	*	*	*	*	*	*	*	*	*
1/30/2024	*	*	*	*	*	*	*	*	*	*
1/31/2024	*	*	*	*	*	*	*	*	*	*
Sum	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%



## Equivalent Continuous Sound Level

### MP03 NMTBOJ003

January 2024

	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>
1/1/2024	63.9	62.7	63.8	64.3	69.5
1/2/2024	64.0	64.1	63.8	64.8	70.6
1/3/2024	62.0	67.8	61.3	63.5	73.4
1/4/2024	62.8	62.2	62.6	63.2	68.8
1/5/2024	63.2	62.3	63.5	62.5	68.8
1/6/2024	62.5	62.1	62.8	61.9	68.7
1/7/2024	61.5	62.1	61.7	60.8	68.3
1/8/2024	61.0	60.2	61.0	61.1	66.8
1/9/2024	*	62.9	*	*	*
1/10/2024	62.6	63.1	62.3	63.4	69.3
1/11/2024	63.1	62.9	63.1	63.1	69.3
1/12/2024	63.5	63.1	63.6	63.4	69.6
1/13/2024	62.0	63.3	61.9	62.2	69.4
1/14/2024	62.7	63.4	62.9	62.2	69.8
1/15/2024	63.3	62.4	63.2	63.8	69.1
1/16/2024	64.0	63.3	63.9	64.3	70.2
1/17/2024	63.0	63.4	63.1	62.6	69.7
1/18/2024	64.2	63.2	64.0	65.0	69.9
1/19/2024	62.2	62.5	62.6	60.9	68.8
1/20/2024	63.8	62.1	63.7	64.1	68.8
1/21/2024	62.8	63.2	62.8	63.0	69.5
1/22/2024	62.8	63.0	62.8	62.8	69.3
1/23/2024	63.2	62.9	63.3	62.9	69.4
1/24/2024	63.3	63.5	63.5	62.8	69.8
1/25/2024	63.0	63.0	63.0	62.7	69.4
1/26/2024	62.6	63.0	62.8	62.0	69.2
1/27/2024	63.2	62.3	63.2	63.0	68.9
1/28/2024	63.3	63.3	63.3	63.3	69.7
1/29/2024	64.5	63.5	64.5	64.1	70.4
1/30/2024	*	63.9	*	61.8	*
1/31/2024	62.0	62.3	61.9	62.4	67.7
Sum	63.0	63.2	63.0	63.0	69.6

	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>
1/1/2024					
1/2/2024					
1/3/2024					
1/4/2024					
1/5/2024					
1/6/2024					
1/7/2024					
1/8/2024					
1/9/2024	*		*	*	*
1/10/2024					
1/11/2024					
1/12/2024					
1/13/2024					
1/14/2024					
1/15/2024					
1/16/2024					
1/17/2024					
1/18/2024					
1/19/2024					
1/20/2024					
1/21/2024					
1/22/2024					
1/23/2024					
1/24/2024					
1/25/2024					
1/26/2024					
1/27/2024					
1/28/2024					
1/29/2024					
1/30/2024	*		*	*	*
1/31/2024					
Sum					

\* Availability < 50%

**Equivalent Continuous Sound Level  
MP04 NMTBOJ004**



**January 2024**

	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>
1/1/2024	*	*	*	*	*
1/2/2024	*	*	*	*	*
1/3/2024	*	*	*	*	*
1/4/2024	*	*	*	*	*
1/5/2024	*	*	*	*	*
1/6/2024	*	*	*	*	*
1/7/2024	*	*	*	*	*
1/8/2024	*	*	*	*	*
1/9/2024	*	*	*	*	*
1/10/2024	*	*	*	*	*
1/11/2024	*	*	*	*	*
1/12/2024	*	*	*	*	*
1/13/2024	*	*	*	*	*
1/14/2024	*	*	*	*	*
1/15/2024	*	*	*	*	*
1/16/2024	*	*	*	*	*
1/17/2024	*	*	*	*	*
1/18/2024	*	*	*	*	*
1/19/2024	*	*	*	*	*
1/20/2024	*	*	*	*	*
1/21/2024	*	*	*	*	*
1/22/2024	*	*	*	*	*
1/23/2024	*	*	*	*	*
1/24/2024	*	*	*	*	*
1/25/2024	*	*	*	*	*
1/26/2024	*	*	*	*	*
1/27/2024	*	*	*	*	*
1/28/2024	*	*	*	*	*
1/29/2024	*	*	*	*	*
1/30/2024	*	*	*	*	*
1/31/2024	*	*	*	*	*
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>
1/1/2024	*	*	*	*	*
1/2/2024	*	*	*	*	*
1/3/2024	*	*	*	*	*
1/4/2024	*	*	*	*	*
1/5/2024	*	*	*	*	*
1/6/2024	*	*	*	*	*
1/7/2024	*	*	*	*	*
1/8/2024	*	*	*	*	*
1/9/2024	*	*	*	*	*
1/10/2024	*	*	*	*	*
1/11/2024	*	*	*	*	*
1/12/2024	*	*	*	*	*
1/13/2024	*	*	*	*	*
1/14/2024	*	*	*	*	*
1/15/2024	*	*	*	*	*
1/16/2024	*	*	*	*	*
1/17/2024	*	*	*	*	*
1/18/2024	*	*	*	*	*
1/19/2024	*	*	*	*	*
1/20/2024	*	*	*	*	*
1/21/2024	*	*	*	*	*
1/22/2024	*	*	*	*	*
1/23/2024	*	*	*	*	*
1/24/2024	*	*	*	*	*
1/25/2024	*	*	*	*	*
1/26/2024	*	*	*	*	*
1/27/2024	*	*	*	*	*
1/28/2024	*	*	*	*	*
1/29/2024	*	*	*	*	*
1/30/2024	*	*	*	*	*
1/31/2024	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%



Equivalent Continuous Sound Level

MP01 NMTBOJ001

February 2024



	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>
2/1/2024	*	*	*	*	*
2/2/2024	*	*	*	*	*
2/3/2024	*	*	*	*	*
2/4/2024	*	*	*	*	*
2/5/2024	*	*	*	*	*
2/6/2024	*	*	*	*	*
2/7/2024	*	*	*	*	*
2/8/2024	*	*	*	*	*
2/9/2024	*	*	*	*	*
2/10/2024	*	*	*	*	*
2/11/2024	*	*	*	*	*
2/12/2024	*	*	*	*	*
2/13/2024	*	*	*	*	*
2/14/2024	*	*	*	*	*
2/15/2024	*	*	*	*	*
2/16/2024	*	*	*	*	*
2/17/2024	*	*	*	*	*
2/18/2024	*	*	*	*	*
2/19/2024	*	*	*	*	*
2/20/2024	*	*	*	*	*
2/21/2024	*	*	*	*	*
2/22/2024	*	*	*	*	*
2/23/2024	*	*	*	*	*
2/24/2024	*	*	*	*	*
2/25/2024	*	*	*	*	*
2/26/2024	*	*	*	*	*
2/27/2024	*	*	*	*	*
2/28/2024	*	*	*	*	*
2/29/2024	*	*	*	*	*
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>
2/1/2024	*	*	*	*	*
2/2/2024	*	*	*	*	*
2/3/2024	*	*	*	*	*
2/4/2024	*	*	*	*	*
2/5/2024	*	*	*	*	*
2/6/2024	*	*	*	*	*
2/7/2024	*	*	*	*	*
2/8/2024	*	*	*	*	*
2/9/2024	*	*	*	*	*
2/10/2024	*	*	*	*	*
2/11/2024	*	*	*	*	*
2/12/2024	*	*	*	*	*
2/13/2024	*	*	*	*	*
2/14/2024	*	*	*	*	*
2/15/2024	*	*	*	*	*
2/16/2024	*	*	*	*	*
2/17/2024	*	*	*	*	*
2/18/2024	*	*	*	*	*
2/19/2024	*	*	*	*	*
2/20/2024	*	*	*	*	*
2/21/2024	*	*	*	*	*
2/22/2024	*	*	*	*	*
2/23/2024	*	*	*	*	*
2/24/2024	*	*	*	*	*
2/25/2024	*	*	*	*	*
2/26/2024	*	*	*	*	*
2/27/2024	*	*	*	*	*
2/28/2024	*	*	*	*	*
2/29/2024	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%

Equivalent Continuous Sound Level

MP02 NMTBOJ002

February 2024



	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>
2/1/2024	*	*	*	*	*
2/2/2024	*	*	*	*	*
2/3/2024	*	*	*	*	*
2/4/2024	*	*	*	*	*
2/5/2024	*	*	*	*	*
2/6/2024	*	*	*	*	*
2/7/2024	*	*	*	*	*
2/8/2024	*	*	*	*	*
2/9/2024	*	*	*	*	*
2/10/2024	*	*	*	*	*
2/11/2024	*	*	*	*	*
2/12/2024	*	*	*	*	*
2/13/2024	*	*	*	*	*
2/14/2024	*	*	*	*	*
2/15/2024	*	*	*	*	*
2/16/2024	*	*	*	*	*
2/17/2024	*	*	*	*	*
2/18/2024	*	*	*	*	*
2/19/2024	*	*	*	*	*
2/20/2024	*	*	*	*	*
2/21/2024	*	*	*	*	*
2/22/2024	*	*	*	*	*
2/23/2024	*	*	*	*	*
2/24/2024	*	*	*	*	*
2/25/2024	*	*	*	*	*
2/26/2024	*	*	*	*	*
2/27/2024	*	*	*	*	*
2/28/2024	*	*	*	*	*
2/29/2024	*	*	*	*	*
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>
2/1/2024	*	*	*	*	*
2/2/2024	*	*	*	*	*
2/3/2024	*	*	*	*	*
2/4/2024	*	*	*	*	*
2/5/2024	*	*	*	*	*
2/6/2024	*	*	*	*	*
2/7/2024	*	*	*	*	*
2/8/2024	*	*	*	*	*
2/9/2024	*	*	*	*	*
2/10/2024	*	*	*	*	*
2/11/2024	*	*	*	*	*
2/12/2024	*	*	*	*	*
2/13/2024	*	*	*	*	*
2/14/2024	*	*	*	*	*
2/15/2024	*	*	*	*	*
2/16/2024	*	*	*	*	*
2/17/2024	*	*	*	*	*
2/18/2024	*	*	*	*	*
2/19/2024	*	*	*	*	*
2/20/2024	*	*	*	*	*
2/21/2024	*	*	*	*	*
2/22/2024	*	*	*	*	*
2/23/2024	*	*	*	*	*
2/24/2024	*	*	*	*	*
2/25/2024	*	*	*	*	*
2/26/2024	*	*	*	*	*
2/27/2024	*	*	*	*	*
2/28/2024	*	*	*	*	*
2/29/2024	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%

Equivalent Continuous Sound Level

MP03 NMTBOJ003

February 2024



	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>
2/1/2024	61.8	61.4	61.7	62.2	67.9
2/2/2024	62.7	63.1	62.9	62.3	69.4
2/3/2024	63.2	62.1	62.7	64.2	69.2
2/4/2024	63.5	63.3	63.4	63.7	69.9
2/5/2024	64.2	63.8	64.3	64.2	71.0
2/6/2024	62.1	63.8	62.1	61.9	69.7
2/7/2024	62.9	61.9	63.3	61.6	68.4
2/8/2024	62.1	62.7	62.4	61.0	68.8
2/9/2024	62.4	62.2	62.2	62.9	68.7
2/10/2024	*	62.3	*	*	*
2/11/2024	*	*	*	62.3	*
2/12/2024	62.8	62.5	62.8	62.9	69.9
2/13/2024	63.2	62.8	63.4	62.6	69.3
2/14/2024	61.7	62.5	61.8	61.6	68.9
2/15/2024	62.3	61.7	62.4	62.0	68.6
2/16/2024	*	*	*	*	*
2/17/2024	*	*	*	*	*
2/18/2024	*	*	*	*	*
2/19/2024	*	*	*	*	*
2/20/2024	*	*	*	*	*
2/21/2024	*	*	*	*	*
2/22/2024	*	*	*	*	*
2/23/2024	*	*	*	*	*
2/24/2024	*	*	*	*	*
2/25/2024	*	*	*	*	*
2/26/2024	*	*	*	*	*
2/27/2024	*	*	*	*	*
2/28/2024	*	*	*	*	*
2/29/2024	*	*	*	*	*
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>
2/1/2024	*	*	*	*	*
2/2/2024	*	*	*	*	*
2/3/2024	*	*	*	*	*
2/4/2024	*	*	*	*	*
2/5/2024	*	*	*	*	*
2/6/2024	*	*	*	*	*
2/7/2024	*	*	*	*	*
2/8/2024	*	*	*	*	*
2/9/2024	*	*	*	*	*
2/10/2024	*	*	*	*	*
2/11/2024	*	*	*	*	*
2/12/2024	*	*	*	*	*
2/13/2024	*	*	*	*	*
2/14/2024	*	*	*	*	*
2/15/2024	*	*	*	*	*
2/16/2024	*	*	*	*	*
2/17/2024	*	*	*	*	*
2/18/2024	*	*	*	*	*
2/19/2024	*	*	*	*	*
2/20/2024	*	*	*	*	*
2/21/2024	*	*	*	*	*
2/22/2024	*	*	*	*	*
2/23/2024	*	*	*	*	*
2/24/2024	*	*	*	*	*
2/25/2024	*	*	*	*	*
2/26/2024	*	*	*	*	*
2/27/2024	*	*	*	*	*
2/28/2024	*	*	*	*	*
2/29/2024	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%

Equivalent Continuous Sound Level

MP04 NMTBOJ004

February 2024



	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>
2/1/2024	*	*	*	*	*
2/2/2024	*	*	*	*	*
2/3/2024	*	*	*	*	*
2/4/2024	*	*	*	*	*
2/5/2024	*	*	*	*	*
2/6/2024	*	*	*	*	*
2/7/2024	*	*	*	*	*
2/8/2024	*	*	*	*	*
2/9/2024	*	*	*	*	*
2/10/2024	*	*	*	*	*
2/11/2024	*	*	*	*	*
2/12/2024	*	*	*	*	*
2/13/2024	*	*	*	*	*
2/14/2024	*	*	*	*	*
2/15/2024	*	*	*	*	*
2/16/2024	*	*	*	*	*
2/17/2024	*	*	*	*	*
2/18/2024	*	*	*	*	*
2/19/2024	*	*	*	*	*
2/20/2024	*	*	*	*	*
2/21/2024	*	*	*	*	*
2/22/2024	*	*	*	*	*
2/23/2024	*	*	*	*	*
2/24/2024	*	*	*	*	*
2/25/2024	*	*	*	*	*
2/26/2024	*	*	*	*	*
2/27/2024	*	*	*	*	*
2/28/2024	*	*	*	*	*
2/29/2024	*	*	*	*	*
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>
2/1/2024	*	*	*	*	*
2/2/2024	*	*	*	*	*
2/3/2024	*	*	*	*	*
2/4/2024	*	*	*	*	*
2/5/2024	*	*	*	*	*
2/6/2024	*	*	*	*	*
2/7/2024	*	*	*	*	*
2/8/2024	*	*	*	*	*
2/9/2024	*	*	*	*	*
2/10/2024	*	*	*	*	*
2/11/2024	*	*	*	*	*
2/12/2024	*	*	*	*	*
2/13/2024	*	*	*	*	*
2/14/2024	*	*	*	*	*
2/15/2024	*	*	*	*	*
2/16/2024	*	*	*	*	*
2/17/2024	*	*	*	*	*
2/18/2024	*	*	*	*	*
2/19/2024	*	*	*	*	*
2/20/2024	*	*	*	*	*
2/21/2024	*	*	*	*	*
2/22/2024	*	*	*	*	*
2/23/2024	*	*	*	*	*
2/24/2024	*	*	*	*	*
2/25/2024	*	*	*	*	*
2/26/2024	*	*	*	*	*
2/27/2024	*	*	*	*	*
2/28/2024	*	*	*	*	*
2/29/2024	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%

Equivalent Continuous Sound Level

MP01 NMTBOJ001

March 2024



	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>
3/1/2024	*	*	*	*	*	*	*	*	*	*
3/2/2024	*	*	*	*	*	*	*	*	*	*
3/3/2024	*	*	*	*	*	*	*	*	*	*
3/4/2024	*	*	*	*	*	*	*	*	*	*
3/5/2024	*	*	*	*	*	*	*	*	*	*
3/6/2024	*	*	*	*	*	*	*	*	*	*
3/7/2024	*	*	*	*	*	*	*	*	*	*
3/8/2024	*	*	*	*	*	*	*	*	*	*
3/9/2024	*	*	*	*	*	*	*	*	*	*
3/10/2024	*	*	*	*	*	*	*	*	*	*
3/11/2024	*	*	*	*	*	*	*	*	*	*
3/12/2024	*	*	*	*	*	*	*	*	*	*
3/13/2024	*	*	*	*	*	*	*	*	*	*
3/14/2024	*	*	*	*	*	*	*	*	*	*
3/15/2024	*	*	*	*	*	*	*	*	*	*
3/16/2024	*	*	*	*	*	*	*	*	*	*
3/17/2024	*	*	*	*	*	*	*	*	*	*
3/18/2024	59.1	*	*	59.5	*	*	*	*	*	*
3/19/2024	60.0	58.7	60.0	60.0	65.5					
3/20/2024	61.4	58.5	61.6	60.7	65.8					
3/21/2024	59.8	60.0	59.7	60.0	66.4					
3/22/2024	57.8	60.4	57.5	58.6	66.3					
3/23/2024	58.4	59.3	58.6	57.9	65.4					
3/24/2024	59.5	60.7	59.8	58.6	66.9					
3/25/2024	59.3	59.6	59.5	58.8	66.2					
3/26/2024	*	*	*	*	*	*	*	*	*	*
3/27/2024	*	*	*	*	*	*	*	*	*	*
3/28/2024	56.9	58.4	57.1	56.0	64.5					
3/29/2024	57.1	55.4	56.4	58.5	62.4					
3/30/2024	56.1	54.6	55.5	57.5	61.6					
3/31/2024	59.1	56.3	59.7	56.6	63.1					
Sum	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%



**Equivalent Continuous Sound Level  
MP02 NMTBOJ002  
March 2024**

	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>
3/1/2024	*	*	*	*	*	*	*	*	*	*
3/2/2024	*	*	*	*	*	*	*	*	*	*
3/3/2024	*	*	*	*	*	*	*	*	*	*
3/4/2024	*	*	*	*	*	*	*	*	*	*
3/5/2024	*	*	*	*	*	*	*	*	*	*
3/6/2024	*	*	*	*	*	*	*	*	*	*
3/7/2024	*	*	*	*	*	*	*	*	*	*
3/8/2024	*	*	*	*	*	*	*	*	*	*
3/9/2024	*	*	*	*	*	*	*	*	*	*
3/10/2024	*	*	*	*	*	*	*	*	*	*
3/11/2024	*	*	*	*	*	*	*	*	*	*
3/12/2024	*	*	*	*	*	*	*	*	*	*
3/13/2024	*	*	*	*	*	*	*	*	*	*
3/14/2024	*	*	*	*	*	*	*	*	*	*
3/15/2024	*	*	*	*	*	*	*	*	*	*
3/16/2024	*	*	*	*	*	*	*	*	*	*
3/17/2024	*	*	*	*	*	*	*	*	*	*
3/18/2024	*	*	*	*	*	*	*	*	*	*
3/19/2024	*	*	*	*	*	*	*	*	*	*
3/20/2024	*	*	*	*	*	*	*	*	*	*
3/21/2024	*	*	*	*	*	*	*	*	*	*
3/22/2024	*	*	*	*	*	*	*	*	*	*
3/23/2024	*	*	*	*	*	*	*	*	*	*
3/24/2024	*	*	*	*	*	*	*	*	*	*
3/25/2024	*	*	*	*	*	*	*	*	*	*
3/26/2024	*	*	*	*	*	*	*	*	*	*
3/27/2024	*	*	*	*	*	*	*	*	*	*
3/28/2024	*	*	*	*	*	*	*	*	*	*
3/29/2024	*	*	*	*	*	*	*	*	*	*
3/30/2024	*	*	*	*	*	*	*	*	*	*
3/31/2024	*	*	*	*	*	*	*	*	*	*
<b>Sum</b>	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%



Equivalent Continuous Sound Level

MP03 NMTBOJ003

March 2024

	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>
3/1/2024	*	*	*	*	*	*	*	*	*	*
3/2/2024	*	*	*	*	*	*	*	*	*	*
3/3/2024	*	*	*	*	*	*	*	*	*	*
3/4/2024	*	*	*	*	*	*	*	*	*	*
3/5/2024	*	*	*	*	*	*	*	*	*	*
3/6/2024	*	*	*	*	*	*	*	*	*	*
3/7/2024	*	*	*	*	*	*	*	*	*	*
3/8/2024	*	*	*	*	*	*	*	*	*	*
3/9/2024	*	*	*	*	*	*	*	*	*	*
3/10/2024	*	*	*	*	*	*	*	*	*	*
3/11/2024	*	*	*	*	*	*	*	*	*	*
3/12/2024	*	*	*	*	*	*	*	*	*	*
3/13/2024	*	*	*	*	*	*	*	*	*	*
3/14/2024	*	*	*	*	*	*	*	*	*	*
3/15/2024	*	*	*	*	*	*	*	*	*	*
3/16/2024	*	*	*	*	*	*	*	*	*	*
3/17/2024	*	*	*	*	*	*	*	*	*	*
3/18/2024	*	*	*	*	*	*	*	*	*	*
3/19/2024	*	*	*	*	*	*	*	*	*	*
3/20/2024	*	*	*	*	*	*	*	*	*	*
3/21/2024	*	*	*	*	*	*	*	*	*	*
3/22/2024	*	*	*	*	*	*	*	*	*	*
3/23/2024	*	*	*	*	*	*	*	*	*	*
3/24/2024	*	*	*	*	*	*	*	*	*	*
3/25/2024	*	*	*	*	*	*	*	*	*	*
3/26/2024	*	*	*	*	*	*	*	*	*	*
3/27/2024	*	*	*	*	*	*	*	*	*	*
3/28/2024	*	*	*	*	*	*	*	*	*	*
3/29/2024	*	*	*	*	*	*	*	*	*	*
3/30/2024	*	*	*	*	*	*	*	*	*	*
3/31/2024	*	*	*	*	*	*	*	*	*	*
Sum	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%

Equivalent Continuous Sound Level  
 MP04 NMTBOJ004  
 March 2024



	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>
3/1/2024	*	*	*	*	*
3/2/2024	*	*	*	*	*
3/3/2024	*	*	*	*	*
3/4/2024	*	*	*	*	*
3/5/2024	*	*	*	*	*
3/6/2024	*	*	*	*	*
3/7/2024	*	*	*	*	*
3/8/2024	*	*	*	*	*
3/9/2024	*	*	*	*	*
3/10/2024	*	*	*	*	*
3/11/2024	*	*	*	*	*
3/12/2024	*	*	*	*	*
3/13/2024	*	*	*	*	*
3/14/2024	*	*	*	*	*
3/15/2024	*	*	*	*	*
3/16/2024	*	*	*	*	*
3/17/2024	*	*	*	*	*
3/18/2024	*	*	*	*	*
3/19/2024	*	*	*	*	*
3/20/2024	*	*	*	*	*
3/21/2024	*	*	*	*	*
3/22/2024	*	*	*	*	*
3/23/2024	*	*	*	*	*
3/24/2024	*	*	*	*	*
3/25/2024	*	*	*	*	*
3/26/2024	*	*	*	*	*
3/27/2024	*	*	*	*	*
3/28/2024	*	*	*	*	*
3/29/2024	*	*	*	*	*
3/30/2024	*	*	*	*	*
3/31/2024	*	*	*	*	*
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>
3/1/2024	*	*	*	*	*
3/2/2024	*	*	*	*	*
3/3/2024	*	*	*	*	*
3/4/2024	*	*	*	*	*
3/5/2024	*	*	*	*	*
3/6/2024	*	*	*	*	*
3/7/2024	*	*	*	*	*
3/8/2024	*	*	*	*	*
3/9/2024	*	*	*	*	*
3/10/2024	*	*	*	*	*
3/11/2024	*	*	*	*	*
3/12/2024	*	*	*	*	*
3/13/2024	*	*	*	*	*
3/14/2024	*	*	*	*	*
3/15/2024	*	*	*	*	*
3/16/2024	*	*	*	*	*
3/17/2024	*	*	*	*	*
3/18/2024	*	*	*	*	*
3/19/2024	*	*	*	*	*
3/20/2024	*	*	*	*	*
3/21/2024	*	*	*	*	*
3/22/2024	*	*	*	*	*
3/23/2024	*	*	*	*	*
3/24/2024	*	*	*	*	*
3/25/2024	*	*	*	*	*
3/26/2024	*	*	*	*	*
3/27/2024	*	*	*	*	*
3/28/2024	*	*	*	*	*
3/29/2024	*	*	*	*	*
3/30/2024	*	*	*	*	*
3/31/2024	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%



**NMT Statistics**  
**MP01 NMTBOJ001**  
**January 2024**

	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)]
1/1/2024	0	0	5	5	0.0		0.0	T	*	*	*		
1/2/2024	0	0	9	9	0.0		0.0	T	*	*	*		
1/3/2024	0	0	8	8	0.0		0.0	T	*	*	*		
1/4/2024	0	0	4	4	0.0		0.0	T	*	*	*		
1/5/2024	0	0	10	10	0.0		0.0	T	*	*	*		
1/6/2024	0	0	4	4	0.0		0.0	T	*	*	*		
1/7/2024	0	0	3	3	0.0		0.0	T	*	*	*		
1/8/2024	0	0	8	8	0.0		0.0	T	*	*	*		
1/9/2024	0	0	5	5	0.0		0.0	T	*	*	*		
1/10/2024	0	0	3	3	0.0		0.0	T	*	*	*		
1/11/2024	0	0	10	10	0.0		0.0	T	*	*	*		
1/12/2024	0	0	8	8	0.0		0.0	T	*	*	*		
1/13/2024	0	0	5	5	0.0		0.0	T	*	*	*		
1/14/2024	0	0	2	2	0.0		0.0	T	*	*	*		
1/15/2024	0	0	6	6	0.0		0.0	T	*	*	*		
1/16/2024	0	0	2	2	0.0		0.0	T	*	*	*		
1/17/2024	0	0	5	5	0.0		0.0	T	*	*	*		
1/18/2024	0	0	2	2	0.0		0.0	T	*	*	*		
1/19/2024	0	0	0	0			0.0	T	*	*	*		
1/20/2024	0	0	0	0			0.0	T	*	*	*		
1/21/2024	0	0	3	3	0.0		0.0	T	*	*	*		
1/22/2024	0	0	7	7	0.0		0.0	T	*	*	*		
1/23/2024	0	0	2	2	0.0		0.0	T	*	*	*		
1/24/2024	0	0	6	6	0.0		0.0	T	*	*	*		
1/25/2024	0	0	6	6	0.0		0.0	T	*	*	*		
1/26/2024	0	0	10	10	0.0		0.0	T	*	*	*		
1/27/2024	0	0	2	2	0.0		0.0	T	*	*	*		
1/28/2024	0	0	4	4	0.0		0.0	T	*	*	*		
1/29/2024	0	0	5	5	0.0		0.0	T	*	*	*		
1/30/2024	0	0	6	6	0.0		0.0	T	*	*	*		
1/31/2024	0	0	5	5	0.0		0.0	T	*	*	*		
Sum	0	0	155	155	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  
 January 2024



	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)]
1/1/2024	0	0	5	2	0.0		0.0	T	*	*	*		
1/2/2024	0	0	9	3	0.0		0.0	T	*	*	*		
1/3/2024	0	0	8	3	0.0		0.0	T	*	*	*		
1/4/2024	0	0	4	1	0.0		0.0	T	*	*	*		
1/5/2024	0	0	10	1	0.0		0.0	T	*	*	*		
1/6/2024	0	0	4	3	0.0		0.0	T	*	*	*		
1/7/2024	0	0	3	2	0.0		0.0	T	*	*	*		
1/8/2024	0	0	8	4	0.0		0.0	T	*	*	*		
1/9/2024	0	0	5	2	0.0		0.0	T	*	*	*		
1/10/2024	0	0	3	2	0.0		0.0	T	*	*	*		
1/11/2024	0	0	10	4	0.0		0.0	T	*	*	*		
1/12/2024	0	0	8	3	0.0		0.0	T	*	*	*		
1/13/2024	0	0	5	2	0.0		0.0	T	*	*	*		
1/14/2024	0	0	2	1	0.0		0.0	T	*	*	*		
1/15/2024	0	0	6	2	0.0		0.0	T	*	*	*		
1/16/2024	0	0	2	0			0.0	T	*	*	*		
1/17/2024	0	0	5	0			0.0	T	*	*	*		
1/18/2024	0	0	2	2	0.0		0.0	T	*	*	*		
1/19/2024	0	0	0	0			0.0	T	*	*	*		
1/20/2024	0	0	0	0			0.0	T	*	*	*		
1/21/2024	0	0	3	1	0.0		0.0	T	*	*	*		
1/22/2024	0	0	7	3	0.0		0.0	T	*	*	*		
1/23/2024	0	0	2	0			0.0	T	*	*	*		
1/24/2024	0	0	6	2	0.0		0.0	T	*	*	*		
1/25/2024	0	0	6	3	0.0		0.0	T	*	*	*		
1/26/2024	0	0	10	2	0.0		0.0	T	*	*	*		
1/27/2024	0	0	2	0			0.0	T	*	*	*		
1/28/2024	0	0	4	1	0.0		0.0	T	*	*	*		
1/29/2024	0	0	5	2	0.0		0.0	T	*	*	*		
1/30/2024	0	0	6	3	0.0		0.0	T	*	*	*		
1/31/2024	0	0	5	2	0.0		0.0	T	*	*	*		
Sum	0	0	155	56	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  
 January 2024



	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)]
1/1/2024	0	0	5	2	0.0		99.9		63.6	63.6		58.5	
1/2/2024	0	0	9	3	0.0		99.9		64.1	64.1		58.5	
1/3/2024	1	0	8	3	0.0	0.0	99.8		64.9	64.9		57.6	
1/4/2024	0	0	4	1	0.0		99.9		62.6	62.6		58.4	
1/5/2024	0	0	10	1	0.0		99.9		62.9	62.9		58.0	
1/6/2024	0	0	4	3	0.0		95.6	TW	62.4	62.4		58.8	
1/7/2024	0	0	3	2	0.0		97.7	TW	61.7	61.7		58.0	
1/8/2024	0	0	8	4	0.0		99.7		60.8	60.8		57.5	
1/9/2024	0	0	5	2	0.0		52.0	TW	62.7	62.7		59.2	
1/10/2024	0	0	3	2	0.0		91.4	TW	62.8	62.8		58.8	
1/11/2024	0	0	10	4	0.0		99.7		63.0	63.0		59.3	
1/12/2024	0	0	8	3	0.0		99.8		63.4	63.4		59.6	
1/13/2024	0	0	5	2	0.0		99.9		62.5	62.5		58.2	
1/14/2024	0	0	2	1	0.0		95.5	TW	63.0	63.0		58.6	
1/15/2024	0	0	6	2	0.0		99.8		63.0	63.0		59.4	
1/16/2024	0	0	2	0			89.3	TW	63.8	63.8		58.6	
1/17/2024	0	0	5	0			99.9		63.1	63.1		59.1	
1/18/2024	0	0	2	2	0.0		99.9		63.9	63.9		58.6	
1/19/2024	0	0	0	0			99.9		62.3	62.3		57.7	
1/20/2024	0	0	0	0			95.7	TW	63.3	63.3		57.8	
1/21/2024	0	0	3	1	0.0		99.9		63.0	63.0		58.8	
1/22/2024	0	0	7	3	0.0		99.7		62.8	62.8		58.6	
1/23/2024	0	0	2	0			99.7		63.1	63.1		58.6	
1/24/2024	0	0	6	2	0.0		99.6		63.4	63.4		58.7	
1/25/2024	0	0	6	3	0.0		97.5	TW	63.0	63.0		58.0	
1/26/2024	0	0	10	2	0.0		95.3	TW	62.7	62.7		58.1	
1/27/2024	0	0	2	0			99.8		62.9	62.9		58.1	
1/28/2024	0	0	4	1	0.0		99.5		63.3	63.3		58.8	
1/29/2024	0	0	5	2	0.0		84.4	TW	64.1	64.1		59.7	
1/30/2024	1	0	6	3	0.0	0.0	53.6	TW	63.1	63.1		56.9	
1/31/2024	0	0	5	2	0.0		80.9	TW	62.1	62.1		57.1	
Sum	2	0	155	56	0.0	0.0	94.4	TW	63.1	63.1		56.9	

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

**NMT Statistics**  
**MP04 NMTBOJ004**  
**January 2024**



	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)]
1/1/2024	0	0	5	2	0.0		0.0	T	*	*	*		
1/2/2024	0	0	9	3	0.0		0.0	T	*	*	*		
1/3/2024	0	0	8	3	0.0		0.0	T	*	*	*		
1/4/2024	0	0	4	1	0.0		0.0	T	*	*	*		
1/5/2024	0	0	10	1	0.0		0.0	T	*	*	*		
1/6/2024	0	0	4	3	0.0		0.0	T	*	*	*		
1/7/2024	0	0	3	2	0.0		0.0	T	*	*	*		
1/8/2024	0	0	8	4	0.0		0.0	T	*	*	*		
1/9/2024	0	0	5	2	0.0		0.0	T	*	*	*		
1/10/2024	0	0	3	2	0.0		0.0	T	*	*	*		
1/11/2024	0	0	10	4	0.0		0.0	T	*	*	*		
1/12/2024	0	0	8	3	0.0		0.0	T	*	*	*		
1/13/2024	0	0	5	2	0.0		0.0	T	*	*	*		
1/14/2024	0	0	2	1	0.0		0.0	T	*	*	*		
1/15/2024	0	0	6	2	0.0		0.0	T	*	*	*		
1/16/2024	0	0	2	0			0.0	T	*	*	*		
1/17/2024	0	0	5	0			0.0	T	*	*	*		
1/18/2024	0	0	2	2	0.0		0.0	T	*	*	*		
1/19/2024	0	0	0	0			0.0	T	*	*	*		
1/20/2024	0	0	0	0			0.0	T	*	*	*		
1/21/2024	0	0	3	1	0.0		0.0	T	*	*	*		
1/22/2024	0	0	7	3	0.0		0.0	T	*	*	*		
1/23/2024	0	0	2	0			0.0	T	*	*	*		
1/24/2024	0	0	6	2	0.0		0.0	T	*	*	*		
1/25/2024	0	0	6	3	0.0		0.0	T	*	*	*		
1/26/2024	0	0	10	2	0.0		0.0	T	*	*	*		
1/27/2024	0	0	2	0			0.0	T	*	*	*		
1/28/2024	0	0	4	1	0.0		0.0	T	*	*	*		
1/29/2024	0	0	5	2	0.0		0.0	T	*	*	*		
1/30/2024	0	0	6	3	0.0		0.0	T	*	*	*		
1/31/2024	0	0	5	2	0.0		0.0	T	*	*	*		
Sum	0	0	155	56	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  
 February 2024



	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)]
2/1/2024	0	0	4	4	0.0		0.0	T	*	*	*		
2/2/2024	0	0	5	5	0.0		0.0	T	*	*	*		
2/3/2024	0	0	4	4	0.0		0.0	T	*	*	*		
2/4/2024	0	0	6	6	0.0		0.0	T	*	*	*		
2/5/2024	0	0	12	12	0.0		0.0	T	*	*	*		
2/6/2024	0	0	4	4	0.0		0.0	T	*	*	*		
2/7/2024	0	0	6	6	0.0		0.0	T	*	*	*		
2/8/2024	0	0	4	4	0.0		0.0	T	*	*	*		
2/9/2024	0	0	12	12	0.0		0.0	T	*	*	*		
2/10/2024	0	0	2	2	0.0		0.0	T	*	*	*		
2/11/2024	0	0	2	2	0.0		0.0	T	*	*	*		
2/12/2024	0	0	4	4	0.0		0.0	T	*	*	*		
2/13/2024	0	0	6	6	0.0		0.0	T	*	*	*		
2/14/2024	0	0	5	5	0.0		0.0	T	*	*	*		
2/15/2024	0	0	2	2	0.0		0.0	T	*	*	*		
2/16/2024	0	0	3	3	0.0		0.0	T	*	*	*		
2/17/2024	0	0	2	2	0.0		0.0	T	*	*	*		
2/18/2024	0	0	4	4	0.0		0.0	T	*	*	*		
2/19/2024	0	0	8	8	0.0		0.0	T	*	*	*		
2/20/2024	0	0	2	2	0.0		0.0	T	*	*	*		
2/21/2024	0	0	9	9	0.0		0.0	T	*	*	*		
2/22/2024	0	0	5	5	0.0		0.0	T	*	*	*		
2/23/2024	0	0	4	4	0.0		0.0	T	*	*	*		
2/24/2024	0	0	4	4	0.0		0.0	T	*	*	*		
2/25/2024	0	0	3	3	0.0		0.0	T	*	*	*		
2/26/2024	0	0	7	7	0.0		0.0	T	*	*	*		
2/27/2024	0	0	4	4	0.0		0.0	T	*	*	*		
2/28/2024	0	0	10	10	0.0		0.0	T	*	*	*		
2/29/2024	0	0	4	4	0.0		0.0	T	*	*	*		
Sum	0	0	147	147	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  
 February 2024



	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)]
2/1/2024	0	0	4	2	0.0		0.0	T	*	*	*		
2/2/2024	0	0	5	2	0.0		0.0	T	*	*	*		
2/3/2024	0	0	4	1	0.0		0.0	T	*	*	*		
2/4/2024	0	0	6	3	0.0		0.0	T	*	*	*		
2/5/2024	0	0	12	6	0.0		0.0	T	*	*	*		
2/6/2024	0	0	4	2	0.0		0.0	T	*	*	*		
2/7/2024	0	0	6	4	0.0		0.0	T	*	*	*		
2/8/2024	0	0	4	1	0.0		0.0	T	*	*	*		
2/9/2024	0	0	12	7	0.0		0.0	T	*	*	*		
2/10/2024	0	0	2	1	0.0		0.0	T	*	*	*		
2/11/2024	0	0	2	1	0.0		0.0	T	*	*	*		
2/12/2024	0	0	4	2	0.0		0.0	T	*	*	*		
2/13/2024	0	0	6	3	0.0		0.0	T	*	*	*		
2/14/2024	0	0	5	4	0.0		0.0	T	*	*	*		
2/15/2024	0	0	2	1	0.0		0.0	T	*	*	*		
2/16/2024	0	0	3	2	0.0		0.0	T	*	*	*		
2/17/2024	0	0	2	0	0.0		0.0	T	*	*	*		
2/18/2024	0	0	4	1	0.0		0.0	T	*	*	*		
2/19/2024	0	0	8	3	0.0		0.0	T	*	*	*		
2/20/2024	0	0	2	0	0.0		0.0	T	*	*	*		
2/21/2024	0	0	9	4	0.0		0.0	T	*	*	*		
2/22/2024	0	0	5	0	0.0		0.0	T	*	*	*		
2/23/2024	0	0	4	1	0.0		0.0	T	*	*	*		
2/24/2024	0	0	4	2	0.0		0.0	T	*	*	*		
2/25/2024	0	0	3	1	0.0		0.0	T	*	*	*		
2/26/2024	0	0	7	3	0.0		0.0	T	*	*	*		
2/27/2024	0	0	4	0	0.0		0.0	T	*	*	*		
2/28/2024	0	0	10	3	0.0		0.0	T	*	*	*		
2/29/2024	0	0	4	0	0.0		0.0	T	*	*	*		
Sum	0	0	147	60	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  
 February 2024



	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)]
2/1/2024	0	0	4	2	0.0		99.6		61.7	61.7		57.6	
2/2/2024	0	0	5	2	0.0		99.8		62.8	62.8		58.6	
2/3/2024	0	0	4	1	0.0		91.1	TW	62.8	62.8		57.8	
2/4/2024	0	0	6	3	0.0		95.5	TW	63.4	63.4		58.0	
2/5/2024	0	0	12	6	0.0		72.7	TW	64.1	64.1		58.0	
2/6/2024	0	0	4	2	0.0		66.5	TW	62.7	62.7		58.5	
2/7/2024	0	0	6	4	0.0		99.0		62.6	62.6		58.4	
2/8/2024	0	0	4	1	0.0		99.4		62.3	62.3		58.2	
2/9/2024	0	0	12	7	0.0		97.5	TW	62.3	62.3		57.9	
2/10/2024	0	0	2	1	0.0		65.8	TW	61.9	61.9		58.5	
2/11/2024	0	0	2	1	0.0		48.7	TW	*	*	*	58.5	
2/12/2024	0	0	4	2	0.0		74.8	TW	62.7	62.7		58.2	
2/13/2024	0	0	6	3	0.0		99.0		63.1	63.1		59.2	
2/14/2024	0	0	5	4	0.0		93.3	TW	62.0	62.0		58.4	
2/15/2024	0	0	2	1	0.0		87.6	TW	62.1	62.1		58.5	
2/16/2024	0	0	3	2	0.0		0.0	T	*	*	*		
2/17/2024	0	0	2	0	0.0		0.0	T	*	*	*		
2/18/2024	0	0	4	1	0.0		0.0	T	*	*	*		
2/19/2024	0	0	8	3	0.0		0.0	T	*	*	*		
2/20/2024	0	0	2	0	0.0		0.0	T	*	*	*		
2/21/2024	0	0	9	4	0.0		0.0	T	*	*	*		
2/22/2024	0	0	5	0	0.0		0.0	T	*	*	*		
2/23/2024	0	0	4	1	0.0		0.0	T	*	*	*		
2/24/2024	0	0	4	2	0.0		0.0	T	*	*	*		
2/25/2024	0	0	3	1	0.0		0.0	T	*	*	*		
2/26/2024	0	0	7	3	0.0		0.0	T	*	*	*		
2/27/2024	0	0	4	0	0.0		0.0	T	*	*	*		
2/28/2024	0	0	10	3	0.0		0.0	T	*	*	*		
2/29/2024	0	0	4	0	0.0		0.0	T	*	*	*		
Sum	0	0	147	60	0.0		44.5	TW	*	*	*	57.6	

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

NMT Statistics  
 MP04 NMTBOJ004  
 February 2024



	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)]
2/1/2024	0	0	4	2	0.0		0.0	T	*	*	*		
2/2/2024	0	0	5	2	0.0		0.0	T	*	*	*		
2/3/2024	0	0	4	1	0.0		0.0	T	*	*	*		
2/4/2024	0	0	6	3	0.0		0.0	T	*	*	*		
2/5/2024	0	0	12	6	0.0		0.0	T	*	*	*		
2/6/2024	0	0	4	2	0.0		0.0	T	*	*	*		
2/7/2024	0	0	6	4	0.0		0.0	T	*	*	*		
2/8/2024	0	0	4	1	0.0		0.0	T	*	*	*		
2/9/2024	0	0	12	7	0.0		0.0	T	*	*	*		
2/10/2024	0	0	2	1	0.0		0.0	T	*	*	*		
2/11/2024	0	0	2	1	0.0		0.0	T	*	*	*		
2/12/2024	0	0	4	2	0.0		0.0	T	*	*	*		
2/13/2024	0	0	6	3	0.0		0.0	T	*	*	*		
2/14/2024	0	0	5	4	0.0		0.0	T	*	*	*		
2/15/2024	0	0	2	1	0.0		0.0	T	*	*	*		
2/16/2024	0	0	3	2	0.0		0.0	T	*	*	*		
2/17/2024	0	0	2	0			0.0	T	*	*	*		
2/18/2024	0	0	4	1	0.0		0.0	T	*	*	*		
2/19/2024	0	0	8	3	0.0		0.0	T	*	*	*		
2/20/2024	0	0	2	0			0.0	T	*	*	*		
2/21/2024	0	0	9	4	0.0		0.0	T	*	*	*		
2/22/2024	0	0	5	0			0.0	T	*	*	*		
2/23/2024	0	0	4	1	0.0		0.0	T	*	*	*		
2/24/2024	0	0	4	2	0.0		0.0	T	*	*	*		
2/25/2024	0	0	3	1	0.0		0.0	T	*	*	*		
2/26/2024	0	0	7	3	0.0		0.0	T	*	*	*		
2/27/2024	0	0	4	0			0.0	T	*	*	*		
2/28/2024	0	0	10	3	0.0		0.0	T	*	*	*		
2/29/2024	0	0	4	0			0.0	T	*	*	*		
Sum	0	0	147	60	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  
 March 2024



	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)]
3/1/2024	0	0	7	7	0.0		0.0	T	*	*	*		
3/2/2024	0	0	3	3	0.0		0.0	T	*	*	*		
3/3/2024	0	0	6	6	0.0		0.0	T	*	*	*		
3/4/2024	0	0	7	7	0.0		0.0	T	*	*	*		
3/5/2024	0	0	5	5	0.0		0.0	T	*	*	*		
3/6/2024	0	0	11	11	0.0		0.0	T	*	*	*		
3/7/2024	0	0	1	1	0.0		0.0	T	*	*	*		
3/8/2024	0	0	0	0			0.0	T	*	*	*		
3/9/2024	0	0	0	0			0.0	T	*	*	*		
3/10/2024	0	0	0	0			0.0	T	*	*	*		
3/11/2024	0	0	0	0			0.0	T	*	*	*		
3/12/2024	0	0	0	0			0.0	T	*	*	*		
3/13/2024	0	0	0	0			0.0	T	*	*	*		
3/14/2024	0	0	0	0			0.0	T	*	*	*		
3/15/2024	0	0	0	0			0.0	T	*	*	*		
3/16/2024	0	0	0	0			0.0	T	*	*	*		
3/17/2024	0	0	0	0			0.0	T	*	*	*		
3/18/2024	8	0	0	0		0.0	39.1	T	*	*	*	52.4	
3/19/2024	24	0	0	0		0.0	99.9		59.6	59.6		54.7	
3/20/2024	37	0	0	0		0.0	95.7	TW	60.6	60.6		55.3	
3/21/2024	25	0	0	0		0.0	97.8	TW	59.8	59.8		53.5	
3/22/2024	31	0	0	0		0.0	99.9		58.8	58.8		52.8	
3/23/2024	5	0	0	0		0.0	99.9		58.7	58.7		54.0	
3/24/2024	42	0	0	0		0.0	95.7	TW	60.0	60.0		53.1	
3/25/2024	59	0	0	0		0.0	89.5	TW	59.4	59.4		54.7	
3/26/2024	0	0	0	0			0.0	T	*	*	*		
3/27/2024	0	0	0	0			0.0	T	*	*	*		
3/28/2024	41	0	0	0		0.0	97.8	TW	57.4	57.4		50.2	
3/29/2024	1	0	0	0		0.0	99.9		56.6	56.6		51.1	
3/30/2024	0	0	0	0			99.9		55.6	55.6		50.7	
3/31/2024	3	0	10	10	0.0	0.0	99.9		58.4	58.4		53.1	
Sum	276	0	50	50	0.0	0.0	35.9	TW	*	*	*	50.2	

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

NMT Statistics  
 MP02 NMTBOJ002  
 March 2024



	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)]
3/1/2024	0	0	7	3	0.0		0.0	T	*	*	*		
3/2/2024	0	0	3	0			0.0	T	*	*	*		
3/3/2024	0	0	6	2	0.0		0.0	T	*	*	*		
3/4/2024	0	0	7	0			0.0	T	*	*	*		
3/5/2024	0	0	5	2	0.0		0.0	T	*	*	*		
3/6/2024	0	0	11	3	0.0		0.0	T	*	*	*		
3/7/2024	0	0	1	0			0.0	T	*	*	*		
3/8/2024	0	0	0	0			0.0	T	*	*	*		
3/9/2024	0	0	0	0			0.0	T	*	*	*		
3/10/2024	0	0	0	0			0.0	T	*	*	*		
3/11/2024	0	0	0	0			0.0	T	*	*	*		
3/12/2024	0	0	0	0			0.0	T	*	*	*		
3/13/2024	0	0	0	0			0.0	T	*	*	*		
3/14/2024	0	0	0	0			0.0	T	*	*	*		
3/15/2024	0	0	0	0			0.0	T	*	*	*		
3/16/2024	0	0	0	0			0.0	T	*	*	*		
3/17/2024	0	0	0	0			0.0	T	*	*	*		
3/18/2024	0	0	0	0			0.0	T	*	*	*		
3/19/2024	0	0	0	0			0.0	T	*	*	*		
3/20/2024	0	0	0	0			0.0	T	*	*	*		
3/21/2024	0	0	0	0			0.0	T	*	*	*		
3/22/2024	0	0	0	0			0.0	T	*	*	*		
3/23/2024	0	0	0	0			0.0	T	*	*	*		
3/24/2024	0	0	0	0			0.0	T	*	*	*		
3/25/2024	0	0	0	0			0.0	T	*	*	*		
3/26/2024	0	0	0	0			0.0	T	*	*	*		
3/27/2024	0	0	0	0			0.0	T	*	*	*		
3/28/2024	0	0	0	0			0.0	T	*	*	*		
3/29/2024	0	0	0	0			0.0	T	*	*	*		
3/30/2024	0	0	0	0			0.0	T	*	*	*		
3/31/2024	0	0	10	5	0.0		0.0	T	*	*	*		
Sum	0	0	50	15	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  
 March 2024



	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)]
3/1/2024	0	0	7	3	0.0		0.0	T	*	*	*		
3/2/2024	0	0	3	0			0.0	T	*	*	*		
3/3/2024	0	0	6	2	0.0		0.0	T	*	*	*		
3/4/2024	0	0	7	0			0.0	T	*	*	*		
3/5/2024	0	0	5	2	0.0		0.0	T	*	*	*		
3/6/2024	0	0	11	3	0.0		0.0	T	*	*	*		
3/7/2024	0	0	1	0			0.0	T	*	*	*		
3/8/2024	0	0	0	0			0.0	T	*	*	*		
3/9/2024	0	0	0	0			0.0	T	*	*	*		
3/10/2024	0	0	0	0			0.0	T	*	*	*		
3/11/2024	0	0	0	0			0.0	T	*	*	*		
3/12/2024	0	0	0	0			0.0	T	*	*	*		
3/13/2024	0	0	0	0			0.0	T	*	*	*		
3/14/2024	0	0	0	0			0.0	T	*	*	*		
3/15/2024	0	0	0	0			0.0	T	*	*	*		
3/16/2024	0	0	0	0			0.0	T	*	*	*		
3/17/2024	0	0	0	0			0.0	T	*	*	*		
3/18/2024	0	0	0	0			0.0	T	*	*	*		
3/19/2024	0	0	0	0			0.0	T	*	*	*		
3/20/2024	0	0	0	0			0.0	T	*	*	*		
3/21/2024	0	0	0	0			0.0	T	*	*	*		
3/22/2024	0	0	0	0			0.0	T	*	*	*		
3/23/2024	0	0	0	0			0.0	T	*	*	*		
3/24/2024	0	0	0	0			0.0	T	*	*	*		
3/25/2024	0	0	0	0			0.0	T	*	*	*		
3/26/2024	0	0	0	0			0.0	T	*	*	*		
3/27/2024	0	0	0	0			0.0	T	*	*	*		
3/28/2024	0	0	0	0			0.0	T	*	*	*		
3/29/2024	0	0	0	0			0.0	T	*	*	*		
3/30/2024	0	0	0	0			0.0	T	*	*	*		
3/31/2024	0	0	10	5	0.0		0.0	T	*	*	*		
Sum	0	0	50	15	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  
 MP04 NMTBOJ004  
 March 2024



	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)]
3/1/2024	0	0	7	3	0.0		0.0	T	*	*	*		
3/2/2024	0	0	3	0			0.0	T	*	*	*		
3/3/2024	0	0	6	2	0.0		0.0	T	*	*	*		
3/4/2024	0	0	7	0			0.0	T	*	*	*		
3/5/2024	0	0	5	2	0.0		0.0	T	*	*	*		
3/6/2024	0	0	11	3	0.0		0.0	T	*	*	*		
3/7/2024	0	0	1	0			0.0	T	*	*	*		
3/8/2024	0	0	0	0			0.0	T	*	*	*		
3/9/2024	0	0	0	0			0.0	T	*	*	*		
3/10/2024	0	0	0	0			0.0	T	*	*	*		
3/11/2024	0	0	0	0			0.0	T	*	*	*		
3/12/2024	0	0	0	0			0.0	T	*	*	*		
3/13/2024	0	0	0	0			0.0	T	*	*	*		
3/14/2024	0	0	0	0			0.0	T	*	*	*		
3/15/2024	0	0	0	0			0.0	T	*	*	*		
3/16/2024	0	0	0	0			0.0	T	*	*	*		
3/17/2024	0	0	0	0			0.0	T	*	*	*		
3/18/2024	0	0	0	0			0.0	T	*	*	*		
3/19/2024	0	0	0	0			0.0	T	*	*	*		
3/20/2024	0	0	0	0			0.0	T	*	*	*		
3/21/2024	0	0	0	0			0.0	T	*	*	*		
3/22/2024	0	0	0	0			0.0	T	*	*	*		
3/23/2024	0	0	0	0			0.0	T	*	*	*		
3/24/2024	0	0	0	0			0.0	T	*	*	*		
3/25/2024	0	0	0	0			0.0	T	*	*	*		
3/26/2024	0	0	0	0			0.0	T	*	*	*		
3/27/2024	0	0	0	0			0.0	T	*	*	*		
3/28/2024	0	0	0	0			0.0	T	*	*	*		
3/29/2024	0	0	0	0			0.0	T	*	*	*		
3/30/2024	0	0	0	0			0.0	T	*	*	*		
3/31/2024	0	0	10	5	0.0		0.0	T	*	*	*		
Sum	0	0	50	15	0.0		0.0	T	*	*	*		

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

**Reference Level Exceedances**  
**January 2024 - March 2024**

Нормативне 4, 5, 6



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

**ТРИМЕСЕЧЕН ДОКЛАД  
ЗА ПЕРИОДА ЯНУАРИ - МАРТ 2024 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 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.

**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 системи 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 януари - март 2024 г." 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.

## Фрапорт Туин Стар Еърпорт Мениджмънт АД

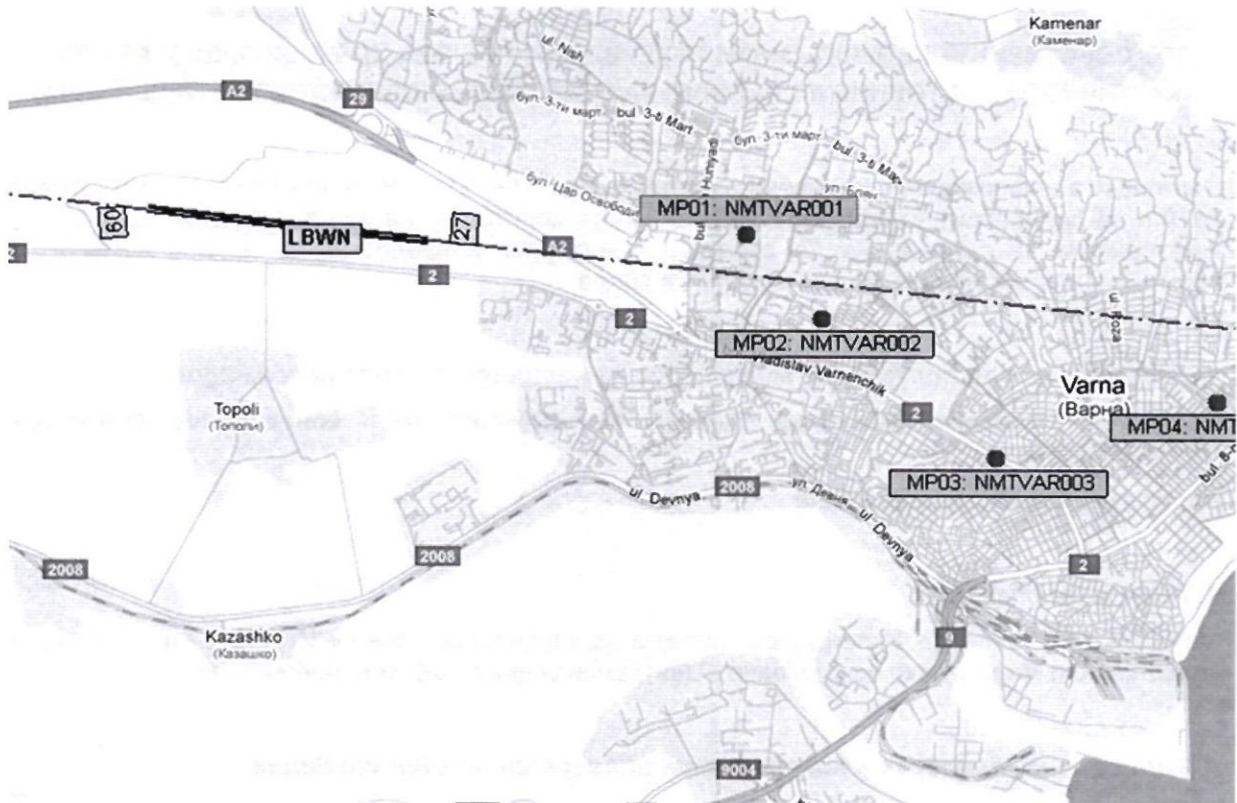
Местоположенията на терминалите са както следва:

**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 първо тримесечие на 2024 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 - фонен шум ( $L_{Aeq} \text{ Residual sound} = \text{Background}$ ). 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  $L_{DEN} \text{ correlated Aircraft}$  и комутативния шум  $L_{DEN} \text{ Total}$ .

### 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		
	януари 2024 г.	февруари 2024 г.	март 2024 г.
T1	156	141	153
T2	156	141	153
T3	156	141	153
T4	156	141	153

**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 януари, февруари и март. 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:



Г. Петрова, Ръководител звено "Интегрирани системи за управление и Медицинско осигуряване", Централно управление



**Traffic by Aircraft Type  
January 2024**



AC-Type	AC-Type Long Name	Movements per Month			Sum
		January	February	March	
A21N	Airbus A321neo	0	2	6	8
A319	Airbus A319	2	5	5	12
A320	Airbus A320	306	272	276	854
A321	Airbus A321	8	10	7	25
A332	Airbus A330-200	0	0	4	4
A333	Airbus A330-300	2	0	0	2
A339		31	28	18	77
AN26	Antonov An-26	2	0	0	2
AS50	Eurocopter AS-350 Ecureuil	0	0	2	2
B38M	Boeing 737 MAX 8	4	0	2	6
B39M	Boeing 737 MAX 9	0	0	2	2
B733	Boeing 737-300	3	3	7	13
B737	Boeing 737-700	2	0	0	2
B738	Boeing 737-800	60	34	46	140
B739	Boeing 737-900	8	8	14	30
BCS3	Bombardier BD-500 CSeries CS300	124	88	118	330
BE33	Beech 33 Bonanza	0	0	2	2
BE40	Hawker 400	0	0	2	2
C172	Cessna 172 Skyhawk	0	0	2	2
C25A	Cessna 525A Citation CJ2	4	2	0	6
C27J	Alenia C-27J Spartan	4	0	0	4
C295	CASA C-295 Persuader	0	10	6	16
C30J	Lockheed Martin C-130J Hercules	2	0	0	2
C56X	Cessna 560XL Citation Excel	2	8	0	10
C650	Cessna 650 Citation 3/6/7	8	2	0	10
C680	Cessna 680 Citation Sovereign	0	0	2	2
CL35	Bombardier BD-100 Challenger 350	0	4	0	4
CL60	Bombardier CL-600 Challenger 600	4	2	2	8
E135	Embraer ERJ-135/-140	2	0	0	2
E190	Embraer ERJ 190-100	26	10	6	42
E195	Embraer ERJ 190-200	2	0	10	12
E35L	Embraer EMB-135BJ Legacy	6	0	0	6
E550	Embraer EMB-550 Legacy 500	0	0	2	2
E55P	Embraer EMB-505 Phenom 300	10	2	12	24
EC45	Eurocopter EC-145	0	0	2	2
FA7X	Dassault Falcon 7X	0	0	2	2
G280	Gulfstream G280	0	0	2	2
GLF5	Gulfstream 5	0	6	2	8
GLF6	Gulfstream G650	0	0	6	6
H25B	BAe 125-700/-800	2	0	0	2
IL76	Ilyushin Il-76	0	0	2	2
LJ45	Bombardier Learjet 45	0	8	0	8
M20P	Aerostar (1) 200	0	2	0	2
MD83	McDonnell Douglas MD-83	0	1	1	2
P180	Piaggio P-180 Avanti	0	2	2	4
PA46	Piper PA-46-310P Malibu	0	2	0	2
PC12	Pilatus PC-12	0	0	2	2
R66	Robinson R-66	0	0	2	2
SF34	Saab 340	22	32	34	88
SR22	Cirrus SR-22	0	0	4	4
VL3		0	2	2	4
Sum		646	545	616	1807

**Equivalent Continuous Sound Level**  
**MP01 NMTVAR001**  
**January 2024**

	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>
1/1/2024	58.5	67.7	56.0	62.1	73.2
1/2/2024	56.7	43.3	53.8	60.7	59.1
1/3/2024	56.6	45.0	57.5	50.2	56.5
1/4/2024	56.3	45.3	56.8	52.8	56.5
1/5/2024	57.1	45.5	58.1	50.6	57.0
1/6/2024	58.8	43.6	52.7	63.9	61.7
1/7/2024	52.8	48.0	53.3	51.0	55.8
1/8/2024	54.5	45.3	55.6	49.5	55.3
1/9/2024	55.8	47.0	57.0	52.3	57.1
1/10/2024	52.0	43.7	52.9	47.7	53.2
1/11/2024	54.7	43.2	55.6	48.5	54.6
1/12/2024	52.9	44.6	53.7	48.4	54.0
1/13/2024	54.0	41.0	*	48.4	*
1/14/2024	51.4	42.4	51.9	49.6	52.6
1/15/2024	55.6	44.0	56.7	47.5	55.4
1/16/2024	55.8	45.0	*	47.2	*
1/17/2024	56.2	45.3	57.3	48.1	56.2
1/18/2024	54.6	43.3	55.5	49.0	54.6
1/19/2024	56.5	43.9	57.6	49.1	56.1
1/20/2024	50.7	49.5	51.2	49.1	56.0
1/21/2024	52.4	43.4	53.4	47.1	53.2
1/22/2024	55.6	44.2	56.6	50.3	55.7
1/23/2024	54.9	43.9	56.0	46.6	54.9
1/24/2024	55.7	45.2	56.7	48.1	55.8
1/25/2024	54.7	43.7	55.9	47.7	54.7
1/26/2024	53.2	45.7	54.1	47.4	54.5
1/27/2024	50.6	44.2	51.1	48.9	52.9
1/28/2024	53.9	47.2	54.5	51.0	55.9
1/29/2024	55.8	47.9	56.2	*	*
1/30/2024	53.0	46.4	53.9	47.9	54.7
1/31/2024	52.0	44.1	52.8	48.2	53.3
Sum	55.1	53.5	55.4	54.0	60.3

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>
46.0		37.7	51.5	48.9
51.1		46.1	56.0	53.6
45.2		45.1	45.6	45.5
48.9	38.5	49.0	48.8	49.8
42.9	35.8	43.4	40.7	44.7
44.5		35.4	50.1	47.4
48.2	46.4	48.0	49.0	53.4
44.7	36.0	45.0	43.6	46.2
46.9	41.2	49.0		49.3
40.5	31.1	40.9	39.5	41.8
41.7		40.6	43.9	42.7
39.1	39.9	40.3		45.8
39.2		*	42.7	*
45.7		45.5	46.3	46.1
41.7	40.7	*		*
46.6	39.6	47.9		47.9
40.7		40.6	41.2	41.0
38.3		34.3	42.7	40.6
40.9		42.2		39.0
48.7		49.2	47.0	48.3
48.9		50.2		47.2
44.1	41.0	45.3		47.7
42.3		43.0	39.5	41.6
37.4	40.3	38.7		46.0
36.5			42.3	39.7
40.5	40.5	39.1	43.0	47.4
			*	*
35.3		36.5		33.5
35.5		36.8		33.8
44.6	36.5	44.2	45.5	46.7

\* Availability < 50%

**Equivalent Continuous Sound Level**  
**MP02 NMTVAR002**  
**January 2024**



	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>
1/1/2024	63.2	68.5	63.9	60.1	74.0
1/2/2024	55.6	43.4	55.5	55.8	56.5
1/3/2024	54.6	44.4	55.4	50.4	55.1
1/4/2024	54.2	45.7	54.4	52.5	55.4
1/5/2024	54.3	46.3	55.2	49.9	55.5
1/6/2024	55.9	44.0	56.7	51.4	55.9
1/7/2024	53.9	46.5	54.5	50.8	55.5
1/8/2024	56.0	48.8	56.7	53.7	57.9
1/9/2024	57.9	50.4	59.3	53.8	59.7
1/10/2024	52.5	46.1	53.3	49.1	54.5
1/11/2024	52.1	44.1	52.8	48.4	53.4
1/12/2024	52.5	45.3	53.5	46.4	54.0
1/13/2024	63.8	41.5	*	48.4	*
1/14/2024	50.9	42.7	51.4	48.7	52.3
1/15/2024	53.5	44.4	54.4	47.7	54.2
1/16/2024	54.7	45.3	*	47.4	*
1/17/2024	54.6	45.5	55.7	47.4	55.2
1/18/2024	52.5	46.2	53.3	48.3	54.5
1/19/2024	53.5	43.8	54.4	48.5	54.0
1/20/2024	52.4	52.8	53.2	48.3	58.7
1/21/2024	53.6	43.5	54.7	47.6	54.0
1/22/2024	54.6	48.4	55.5	49.7	56.6
1/23/2024	54.3	44.1	55.3	47.0	54.5
1/24/2024	55.0	45.8	56.0	47.6	55.5
1/25/2024	53.6	44.1	54.7	48.0	54.2
1/26/2024	54.7	46.8	55.8	47.1	55.7
1/27/2024	52.3	44.0	53.2	48.1	53.5
1/28/2024	58.8	52.2	59.8	52.4	60.6
1/29/2024	58.0	49.7	58.3	*	*
1/30/2024	54.2	48.9	55.2	46.9	56.6
1/31/2024	51.9	43.9	52.7	47.2	53.1
Sum	55.9	54.4	56.8	51.2	61.0

	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>
	45.1		38.5	50.4	47.8
	50.2		46.0	54.7	52.5
	44.2		43.2	46.2	45.1
	47.0	38.5	46.3	49.3	48.9
	42.7	36.2	43.4	39.0	44.6
	42.7		31.4	48.5	45.8
	47.6	43.7	46.9	49.2	51.7
	44.9	36.8	45.3	43.9	46.7
	46.2	39.8	48.3		48.1
	41.6		41.6	41.6	41.7
	40.0		38.2	43.0	41.4
	39.4	40.4	40.6		46.2
	39.7		*	43.3	*
	44.5		44.2	45.4	45.0
	42.9	40.1	*		*
	44.8	40.4	46.0		47.5
	41.3		41.4	40.9	41.3
	37.7		34.6	41.8	39.8
	43.0		44.3		41.1
	47.9		48.4	45.7	47.4
	46.7		48.0		45.0
	44.1	41.4	45.3		48.0
	43.5		44.4	40.0	42.6
	38.8	41.4	40.0		47.1
	37.1		27.4	42.6	40.1
	41.0	41.2	39.3	43.9	48.1
	38.3		38.8	*	*
	37.2		38.5		35.5
	36.0		37.2		34.2
Sum	43.8	36.0	43.4	44.8	46.1

\* Availability < 50%



**Equivalent Continuous Sound Level**  
**MP03 NMTVAR003**  
**January 2024**

	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>
1/1/2024	56.5	60.8	56.3	57.0	66.5
1/2/2024	60.6	56.1	61.8	50.9	63.3
1/3/2024	58.9	51.3	59.4	57.1	60.6
1/4/2024	64.7	59.9	64.5	65.5	67.8
1/5/2024	*	*	*	*	*
1/6/2024	*	*	*	*	*
1/7/2024	*	*	*	*	*
1/8/2024	*	*	*	*	*
1/9/2024	*	*	*	*	*
1/10/2024	*	*	*	*	*
1/11/2024	*	*	*	*	*
1/12/2024	*	*	*	*	*
1/13/2024	*	*	*	*	*
1/14/2024	*	*	*	*	*
1/15/2024	*	*	*	*	*
1/16/2024	*	*	*	*	*
1/17/2024	*	*	*	*	*
1/18/2024	*	*	*	*	*
1/19/2024	*	*	*	*	*
1/20/2024	*	*	*	*	*
1/21/2024	*	*	*	*	*
1/22/2024	*	*	*	*	*
1/23/2024	*	*	*	*	*
1/24/2024	*	*	*	*	*
1/25/2024	*	*	*	*	*
1/26/2024	65.4	*	64.2	67.2	*
1/27/2024	66.3	67.2	67.1	62.4	73.2
1/28/2024	64.8	62.6	65.3	62.6	69.6
1/29/2024	61.5	61.9	61.5	*	*
1/30/2024	61.7	63.2	61.8	61.4	69.3
1/31/2024	63.1	61.6	62.9	63.6	68.4
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>
34.6		33.0	37.5	36.1
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
34.5	*	36.2		*
			*	*
*	*	*	*	*

\* Availability < 50%

**Equivalent Continuous Sound Level**  
**MP04 NMTVAR004**  
**January 2024**



	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>
1/1/2024	54.1	71.3	54.0	54.7	76.6
1/2/2024	59.3	49.2	60.1	55.6	59.9
1/3/2024	59.7	50.0	60.6	54.6	60.3
1/4/2024	61.1	52.4	61.7	56.1	61.9
1/5/2024	61.0	56.7	62.0	53.5	63.9
1/6/2024	58.0	49.2	58.9	52.9	58.9
1/7/2024	57.8	50.0	58.7	53.0	59.1
1/8/2024	64.7	53.6	66.0	55.4	64.6
1/9/2024	66.3	57.7	64.7	68.1	69.0
1/10/2024	59.4	56.5	60.3	55.2	63.5
1/11/2024	64.7	54.0	65.9	53.3	64.6
1/12/2024	61.9	53.1	63.0	53.1	62.5
1/13/2024	56.8	52.1	*	57.5	*
1/14/2024	56.9	49.8	57.8	52.6	58.5
1/15/2024	63.1	49.7	64.3	52.2	62.4
1/16/2024	58.4	49.1	*	54.2	*
1/17/2024	59.7	49.7	60.8	51.6	59.9
1/18/2024	61.5	50.4	62.6	54.0	61.5
1/19/2024	59.6	51.1	60.6	52.4	60.4
1/20/2024	57.0	58.8	57.8	53.3	64.5
1/21/2024	55.5	51.5	56.1	53.3	59.1
1/22/2024	57.3	51.0	58.2	52.6	59.3
1/23/2024	58.8	50.3	59.7	53.6	59.7
1/24/2024	58.6	51.1	59.5	53.9	60.0
1/25/2024	59.4	51.0	60.4	54.2	60.4
1/26/2024	61.3	54.8	62.4	52.9	62.9
1/27/2024	60.3	50.0	61.4	52.9	60.5
1/28/2024	*	*	*	*	*
1/29/2024	*	*	*	*	*
1/30/2024	*	*	*	*	*
1/31/2024	*	*	*	*	*
<b>Sum</b>	<b>60.6</b>	<b>58.4</b>	<b>61.4</b>	<b>56.8</b>	<b>65.2</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>
	41.1		35.2	46.2	43.8
	44.7		42.0	48.5	46.5
	41.3		39.9	43.8	42.4
	42.1	37.4	41.6	43.6	45.5
	40.9	30.6	42.2		40.8
	39.1			45.2	42.4
	42.9	35.7	41.7	45.2	45.7
	40.9	32.3	41.6	38.5	42.3
	45.8	36.4	47.9		46.1
	36.0		37.3		34.2
	38.3		38.2	38.5	38.5
	36.0	38.6	37.3		44.2
	37.2		*	40.7	*
	46.2		47.1	41.6	45.2
	35.9	37.5	*		*
	35.9	36.7	37.1		42.6
	39.1		40.3		37.3
	32.2			38.2	35.5
	29.1		30.4		27.2
	37.9		35.0	41.8	39.8
	39.2		40.4		37.4
	40.3	36.8	41.5		43.6
	38.2		39.6		36.3
	39.3	38.5	40.5		44.6
	32.7			38.6	35.9
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
<b>Sum</b>	<b>40.2</b>	<b>32.3</b>	<b>40.1</b>	<b>40.3</b>	<b>42.2</b>

\* Availability < 50%

**Equivalent Continuous Sound Level  
MP01 NMTVAR001  
February 2024**



	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>
2/1/2024	51.8	44.5	52.2	50.3	53.6
2/2/2024	51.1	43.8	51.9	47.1	52.7
2/3/2024	52.4	44.3	53.3	49.5	54.0
2/4/2024	52.3	44.5	52.8	49.8	53.8
2/5/2024	55.0	43.7	*	49.1	*
2/6/2024	53.7	46.8	*	48.0	*
2/7/2024	56.6	45.8	57.7	50.7	56.8
2/8/2024	*	*	*	*	*
2/9/2024	*	*	*	*	*
2/10/2024	*	*	*	*	*
2/11/2024	*	*	*	*	*
2/12/2024	*	*	*	*	*
2/13/2024	*	*	*	*	*
2/14/2024	*	*	*	*	*
2/15/2024	*	*	*	*	*
2/16/2024	*	*	*	*	*
2/17/2024	*	*	*	*	*
2/18/2024	*	*	*	*	*
2/19/2024	*	*	*	*	*
2/20/2024	*	*	*	*	*
2/21/2024	*	*	*	*	*
2/22/2024	*	*	*	*	*
2/23/2024	*	*	*	*	*
2/24/2024	*	*	*	*	*
2/25/2024	*	*	*	*	*
2/26/2024	*	*	*	*	*
2/27/2024	*	*	*	*	*
2/28/2024	*	*	*	*	*
2/29/2024	*	*	*	*	*
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>
	35.4		36.6		33.6
	38.6		39.8		36.8
	35.5			40.3	38.3
	41.6	38.1	41.9	40.2	45.5
	41.3		*	43.5	*
	41.9	37.0	*		*
	42.7	40.8	44.1		47.2
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%

**Equivalent Continuous Sound Level**  
**MP02 NMTVAR002**  
**February 2024**



	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>
2/1/2024	52.6	44.4	53.5	48.2	53.8
2/2/2024	52.8	44.8	53.7	46.8	53.9
2/3/2024	52.2	44.5	53.5	47.4	53.7
2/4/2024	51.9	44.6	52.8	47.2	53.4
2/5/2024	59.6	43.9	*	49.8	*
2/6/2024	52.5	49.3	*	46.0	*
2/7/2024	54.6	45.2	55.8	47.9	55.2
2/8/2024	53.6	43.3	54.4	50.3	54.2
2/9/2024	53.7	44.9	54.7	47.7	54.5
2/10/2024	50.4	42.7	51.1	47.0	51.8
2/11/2024	54.3	47.7	54.9	51.9	56.4
2/12/2024	52.9	47.4	54.0	49.2	55.6
2/13/2024	53.8	44.4	54.9	48.0	54.4
2/14/2024	55.2	48.0	55.9	53.1	57.2
2/15/2024	54.0	55.6	54.9	50.6	61.6
2/16/2024	53.0	46.0	54.0	46.5	54.5
2/17/2024	52.7	45.9	53.2	50.6	54.7
2/18/2024	51.9	45.2	52.7	47.6	53.7
2/19/2024	53.5	42.7	54.3	49.8	53.9
2/20/2024	53.5	43.8	54.3	49.3	54.1
2/21/2024	53.0	44.2	54.0	46.2	53.7
2/22/2024	52.6	45.5	53.5	47.2	54.1
2/23/2024	53.3	44.5	54.2	48.4	54.2
2/24/2024	51.0	44.8	51.0	50.9	53.6
2/25/2024	52.1	45.1	53.0	46.7	53.7
2/26/2024	52.9	45.3	53.6	50.0	54.5
2/27/2024	52.4	42.8	53.3	47.6	53.0
2/28/2024	53.2	47.0	54.2	47.6	55.2
2/29/2024	54.4	45.0	55.0	51.5	55.3
Sum	53.4	46.5	54.3	49.1	55.2

	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>
	36.2		37.5		34.5
	38.2		39.4		36.4
	35.7			40.5	38.5
	42.0	38.9	42.3	41.0	46.2
	43.8		*	46.4	*
	42.7	38.4	*		*
	42.2	40.0	43.7		46.5
	43.7		40.7	47.6	45.6
	38.0		39.3		36.3
	35.1		36.4		33.4
	42.5		42.4	42.7	42.7
	41.7		38.8	44.8	43.4
	45.0		46.0	39.2	43.7
	42.0	31.3	43.5		41.7
	45.8		46.1	45.2	45.9
	42.7		43.9		40.9
	43.7		37.4	48.9	46.4
	46.4		47.1	43.2	45.6
	44.0		43.1	46.0	44.9
	43.1		42.1	45.2	44.1
	40.5		41.7		38.7
	43.4	28.7	44.6		42.3
	44.2		45.5		42.5
	42.7		33.4	48.4	45.7
	46.3		47.6		44.6
	43.7		42.0	46.7	45.1
	40.8		42.0		39.0
	44.4	40.8	45.7		47.7
	45.1		44.9	45.5	45.3
Sum	43.1	31.1	43.2	42.7	43.9

\* Availability < 50%



**Equivalent Continuous Sound Level  
MP03 NMTVAR003  
February 2024**

	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>
2/1/2024	63.4	63.4	63.2	63.9	69.9
2/2/2024	63.0	63.7	62.0	65.2	70.1
2/3/2024	65.1	68.1	65.0	65.2	74.6
2/4/2024	65.6	65.4	65.6	65.4	71.9
2/5/2024	65.2	64.6	*	63.4	*
2/6/2024	62.9	63.0	*	62.9	*
2/7/2024	62.9	63.2	63.3	61.7	69.5
2/8/2024	63.8	62.6	63.9	63.8	69.3
2/9/2024	62.6	62.0	62.2	63.6	68.6
2/10/2024	64.0	63.4	63.4	65.5	70.1
2/11/2024	65.5	69.4	65.3	66.2	75.2
2/12/2024	67.1	65.5	66.0	68.9	73.1
2/13/2024	64.3	64.7	64.4	64.1	71.1
2/14/2024	63.9	63.9	63.8	64.0	70.7
2/15/2024	64.1	64.1	63.8	64.8	70.7
2/16/2024	65.1	64.3	65.3	64.5	70.8
2/17/2024	62.9	63.5	62.7	63.6	69.8
2/18/2024	63.5	62.6	62.8	65.2	69.4
2/19/2024	65.6	65.4	65.4	66.2	71.9
2/20/2024	65.1	64.2	64.6	66.5	71.0
2/21/2024	65.2	63.8	64.8	66.1	70.7
2/22/2024	65.7	65.2	65.9	65.0	71.7
2/23/2024	66.9	66.1	66.7	67.6	72.7
2/24/2024	64.7	67.4	65.0	63.9	73.3
2/25/2024	65.8	65.1	66.0	65.0	71.6
2/26/2024	66.5	65.9	66.7	65.9	72.4
2/27/2024	67.5	66.1	67.8	66.4	72.8
2/28/2024	*	*	*	*	*
2/29/2024	*	*	*	*	*
Sum	65.0	65.1	64.9	65.2	71.6

	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>
			*		*
			*		*
	*	*	*	*	*
	*	*	*	*	*

\* Availability < 50%



**Equivalent Continuous Sound Level**  
**MP04 NMTVAR004**  
**February 2024**



	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>
2/1/2024	*	*	*	*	*
2/2/2024	*	*	*	*	*
2/3/2024	*	*	*	*	*
2/4/2024	*	*	*	*	*
2/5/2024	*	*	*	*	*
2/6/2024	*	*	*	*	*
2/7/2024	*	*	*	*	*
2/8/2024	*	*	*	*	*
2/9/2024	*	*	*	*	*
2/10/2024	*	*	*	*	*
2/11/2024	*	*	*	*	*
2/12/2024	*	*	*	*	*
2/13/2024	*	*	*	*	*
2/14/2024	*	*	*	*	*
2/15/2024	*	*	*	*	*
2/16/2024	*	*	*	*	*
2/17/2024	*	*	*	*	*
2/18/2024	*	*	*	*	*
2/19/2024	*	*	*	*	*
2/20/2024	*	*	*	*	*
2/21/2024	*	*	*	*	*
2/22/2024	*	*	*	*	*
2/23/2024	*	*	*	*	*
2/24/2024	*	*	*	*	*
2/25/2024	*	*	*	*	*
2/26/2024	*	*	*	*	*
2/27/2024	*	*	*	*	*
2/28/2024	*	*	*	*	*
2/29/2024	*	*	*	*	*
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>
2/1/2024	*	*	*	*	*
2/2/2024	*	*	*	*	*
2/3/2024	*	*	*	*	*
2/4/2024	*	*	*	*	*
2/5/2024	*	*	*	*	*
2/6/2024	*	*	*	*	*
2/7/2024	*	*	*	*	*
2/8/2024	*	*	*	*	*
2/9/2024	*	*	*	*	*
2/10/2024	*	*	*	*	*
2/11/2024	*	*	*	*	*
2/12/2024	*	*	*	*	*
2/13/2024	*	*	*	*	*
2/14/2024	*	*	*	*	*
2/15/2024	*	*	*	*	*
2/16/2024	*	*	*	*	*
2/17/2024	*	*	*	*	*
2/18/2024	*	*	*	*	*
2/19/2024	*	*	*	*	*
2/20/2024	*	*	*	*	*
2/21/2024	*	*	*	*	*
2/22/2024	*	*	*	*	*
2/23/2024	*	*	*	*	*
2/24/2024	*	*	*	*	*
2/25/2024	*	*	*	*	*
2/26/2024	*	*	*	*	*
2/27/2024	*	*	*	*	*
2/28/2024	*	*	*	*	*
2/29/2024	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%

**Equivalent Continuous Sound Level**
**MP01 NMTVAR001**
**March 2024**

	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>
3/1/2024	*	*	*	*	*
3/2/2024	*	*	*	*	*
3/3/2024	*	*	*	*	*
3/4/2024	*	*	*	*	*
3/5/2024	53.1	*	*	47.4	*
3/6/2024	56.0	43.0	57.2	46.8	55.5
3/7/2024	57.8	43.8	58.8	51.7	57.3
3/8/2024	52.4	44.5	53.3	47.8	53.7
3/9/2024	51.3	44.7	51.3	51.4	53.8
3/10/2024	53.2	44.3	53.9	50.8	54.4
3/11/2024	57.1	44.3	57.8	53.6	57.1
3/12/2024	54.1	47.8	54.8	51.2	56.2
3/13/2024	53.9	45.2	54.9	46.9	54.7
3/14/2024	52.7	46.6	52.8	52.5	55.3
3/15/2024	56.9	44.6	58.0	48.1	56.5
3/16/2024	53.5	44.1	54.0	51.5	54.6
3/17/2024	53.3	44.3	54.0	50.0	54.3
3/18/2024	57.1	44.7	58.1	50.3	56.8
3/19/2024	55.3	44.7	56.3	48.9	55.5
3/20/2024	*	*	*	*	*
3/21/2024	*	*	*	*	*
3/22/2024	*	*	*	*	*
3/23/2024	*	*	*	*	*
3/24/2024	*	*	*	*	*
3/25/2024	*	*	*	*	*
3/26/2024	*	*	*	*	*
3/27/2024	*	*	*	*	*
3/28/2024	*	*	*	*	*
3/29/2024	*	*	*	*	*
3/30/2024	*	*	*	*	*
3/31/2024	*	*	*	*	*
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>
3/1/2024	*	*	*	*	*
3/2/2024	*	*	*	*	*
3/3/2024	*	*	*	*	*
3/4/2024	*	*	*	*	*
3/5/2024	34.2	*	*	*	*
3/6/2024	45.2		46.4		43.4
3/7/2024	47.6		47.0	49.0	48.3
3/8/2024	41.0		42.2		39.2
3/9/2024	42.4		32.5	48.1	45.4
3/10/2024	47.4		47.5	47.2	47.4
3/11/2024	47.5		45.1	51.1	49.3
3/12/2024	47.5	45.2	47.4	47.8	52.3
3/13/2024	43.8	35.7	45.0		44.5
3/14/2024	44.2			50.2	47.5
3/15/2024		36.4			41.6
3/16/2024	50.0		50.6	47.4	49.4
3/17/2024	48.7		49.4	45.8	48.0
3/18/2024	45.2		44.4	47.0	46.0
3/19/2024	46.9		48.2		45.2
3/20/2024	*	*	*	*	*
3/21/2024	*	*	*	*	*
3/22/2024	*	*	*	*	*
3/23/2024	*	*	*	*	*
3/24/2024	*	*	*	*	*
3/25/2024	*	*	*	*	*
3/26/2024	*	*	*	*	*
3/27/2024	*	*	*	*	*
3/28/2024	*	*	*	*	*
3/29/2024	*	*	*	*	*
3/30/2024	*	*	*	*	*
3/31/2024	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability &lt; 50%

**Equivalent Continuous Sound Level**  
**MP02 NMTVAR002**  
**March 2024**

	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>
3/1/2024	54.3	45.7	55.1	49.9	55.3
3/2/2024	52.3	46.2	53.1	48.2	54.4
3/3/2024	53.2	45.6	54.0	49.1	54.6
3/4/2024	52.3	44.9	52.9	50.1	54.1
3/5/2024	54.1	45.3	55.2	46.2	54.7
3/6/2024	53.4	44.9	54.3	47.4	54.3
3/7/2024	53.6	46.3	54.2	51.1	55.4
3/8/2024	53.3	46.0	54.2	48.1	54.7
3/9/2024	51.7	47.8	52.1	50.2	55.3
3/10/2024	52.5	46.6	53.3	49.6	55.0
3/11/2024	54.8	46.6	55.2	53.5	56.4
3/12/2024	54.0	45.7	54.8	49.4	55.1
3/13/2024	53.2	47.5	54.0	48.2	55.4
3/14/2024	53.1	46.1	53.2	52.8	55.3
3/15/2024	52.8	45.8	53.8	46.6	54.3
3/16/2024	53.6	45.4	54.4	50.0	54.9
3/17/2024	53.1	45.9	53.8	49.5	54.7
3/18/2024	53.4	45.3	53.7	52.4	55.1
3/19/2024	53.1	46.2	54.1	47.3	54.7
3/20/2024	*	*	*	*	*
3/21/2024	*	*	*	*	*
3/22/2024	*	*	*	*	*
3/23/2024	*	*	*	*	*
3/24/2024	*	*	*	*	*
3/25/2024	*	*	*	*	*
3/26/2024	*	*	*	*	*
3/27/2024	*	*	*	*	*
3/28/2024	*	*	*	*	*
3/29/2024	*	*	*	*	*
3/30/2024	*	*	*	*	*
3/31/2024	*	*	*	*	*
<b>Sum</b>	<b>53.3</b>	<b>46.0</b>	<b>54.1</b>	<b>49.9</b>	<b>55.0</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>
	41.5	37.3	40.2	44.0	45.6
	41.9		40.7	44.2	43.0
	46.4		46.7	45.4	46.2
	44.6		44.1	45.6	45.1
	43.1		44.4		41.4
	44.4		45.7		42.7
	46.5		45.6	48.4	47.4
	41.1		42.3		39.3
	41.3		35.2	46.5	44.0
	46.2		46.4	45.5	46.1
	46.2		44.1	49.6	47.8
	45.9	38.2	46.3	44.3	47.6
	42.7	34.6	44.0		43.5
	43.8			49.8	47.0
		34.5			39.7
	48.7		49.3	46.7	48.2
	47.0		47.4	45.3	46.6
	43.8		43.1	45.4	44.6
	44.4		45.6		42.6
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
<b>Sum</b>	<b>44.7</b>	<b>29.7</b>	<b>44.6</b>	<b>45.0</b>	<b>45.3</b>

\* Availability < 50%



**Equivalent Continuous Sound Level**  
**MP03 NMTVAR003**  
**March 2024**

	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>
3/1/2024	*	*	*	*	*
3/2/2024	*	*	*	*	*
3/3/2024	*	*	*	*	*
3/4/2024	*	*	*	*	*
3/5/2024	67.3	*	*	66.3	*
3/6/2024	68.7	66.6	68.4	69.7	73.8
3/7/2024	68.8	68.1	68.9	68.6	74.7
3/8/2024	67.8	68.9	67.9	67.8	75.1
3/9/2024	67.3	67.1	67.1	68.0	73.6
3/10/2024	67.4	66.6	68.1	64.8	73.3
3/11/2024	67.7	67.3	67.6	67.9	73.8
3/12/2024	66.2	67.4	66.4	65.4	73.6
3/13/2024	64.6	66.3	63.6	66.6	72.5
3/14/2024	66.6	66.8	66.6	66.6	73.1
3/15/2024	65.7	65.8	65.5	66.3	72.2
3/16/2024	68.7	67.0	68.1	70.0	74.0
3/17/2024	67.5	67.4	67.8	66.7	73.8
3/18/2024	68.3	67.5	68.6	67.2	74.1
3/19/2024	67.4	68.0	67.8	65.6	74.2
3/20/2024	66.7	65.8	67.2	64.7	72.3
3/21/2024	66.1	66.6	65.6	67.2	73.0
3/22/2024	65.3	67.4	65.1	65.6	73.4
3/23/2024	64.4	66.2	64.5	64.1	72.2
3/24/2024	65.4	64.2	65.3	65.7	71.0
3/25/2024	69.1	66.2	68.2	70.3	74.5
3/26/2024	67.2	69.3	67.4	66.7	75.3
3/27/2024	65.8	65.7	66.0	65.1	72.1
3/28/2024	65.0	65.6	65.2	64.0	71.8
3/29/2024	65.4	64.7	65.8	64.5	71.8
3/30/2024	63.4	63.5	63.4	63.2	70.0
3/31/2024	65.4	63.6	65.0	66.2	70.4
Sum	66.8	66.8	66.8	66.9	73.2

	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>
3/1/2024	*	*	*	*	*
3/2/2024	*	*	*	*	*
3/3/2024	*	*	*	*	*
3/4/2024	*	*	*	*	*
3/5/2024		*	*		*
3/6/2024					
3/7/2024					
3/8/2024					
3/9/2024					
3/10/2024					
3/11/2024					
3/12/2024					
3/13/2024					
3/14/2024					
3/15/2024					
3/16/2024					
3/17/2024					
3/18/2024					
3/19/2024					
3/20/2024					
3/21/2024					
3/22/2024					
3/23/2024					
3/24/2024					
3/25/2024					
3/26/2024					
3/27/2024					
3/28/2024					
3/29/2024					
3/30/2024					
3/31/2024					
Sum					

\* Availability < 50%

**Equivalent Continuous Sound Level**  
**MP04 NMTVAR004**  
**March 2024**



	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>
3/1/2024	*	*	*	*	*
3/2/2024	*	*	*	*	*
3/3/2024	*	*	*	*	*
3/4/2024	*	*	*	*	*
3/5/2024	*	*	*	*	*
3/6/2024	*	*	*	*	*
3/7/2024	*	*	*	*	*
3/8/2024	*	*	*	*	*
3/9/2024	*	*	*	*	*
3/10/2024	*	*	*	*	*
3/11/2024	59.6	*	60.9	53.9	*
3/12/2024	58.8	51.1	59.8	52.9	60.1
3/13/2024	58.9	50.3	59.8	52.5	59.7
3/14/2024	58.3	50.7	59.0	54.9	59.8
3/15/2024	60.5	50.4	61.5	53.4	60.8
3/16/2024	57.6	49.6	58.5	52.9	58.8
3/17/2024	56.3	50.2	57.1	51.9	58.4
3/18/2024	59.8	50.8	60.9	52.6	60.4
3/19/2024	59.9	51.4	60.9	53.3	60.8
3/20/2024	60.2	51.9	61.3	52.0	61.1
3/21/2024	58.7	51.0	59.2	56.6	60.3
3/22/2024	59.1	52.1	60.0	52.7	60.6
3/23/2024	58.9	51.0	59.9	52.9	60.0
3/24/2024	55.0	50.2	55.8	51.7	57.9
3/25/2024	59.4	53.3	*	52.2	*
3/26/2024	60.3	54.9	61.3	53.8	62.6
3/27/2024	58.7	50.4	59.7	52.4	59.7
3/28/2024	59.5	50.6	60.5	53.1	60.2
3/29/2024	60.4	51.3	62.0	53.1	61.1
3/30/2024	61.5	50.1	62.8	51.7	61.3
3/31/2024	57.2	50.1	58.0	53.1	58.8
Sum	59.2	51.3	60.2	53.2	60.3

	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>
3/1/2024	*	*	*	*	*
3/2/2024	*	*	*	*	*
3/3/2024	*	*	*	*	*
3/4/2024	*	*	*	*	*
3/5/2024	*	*	*	*	*
3/6/2024	*	*	*	*	*
3/7/2024	*	*	*	*	*
3/8/2024	*	*	*	*	*
3/9/2024	*	*	*	*	*
3/10/2024	*	*	*	*	*
3/11/2024	39.8	*	37.9	42.2	*
3/12/2024	41.9		43.2		40.1
3/13/2024	39.1		40.4		37.3
3/14/2024	39.6			45.6	42.8
3/15/2024					
3/16/2024	39.7		36.8	43.6	41.6
3/17/2024	41.8		41.7	42.0	42.0
3/18/2024	36.7		33.7	40.6	38.7
3/19/2024	37.9		39.1		36.1
3/20/2024	42.5		43.4	38.1	41.5
3/21/2024	42.3		43.2	37.6	41.3
3/22/2024	42.1		43.4		40.3
3/23/2024	41.5		41.2	42.2	41.9
3/24/2024	39.3		40.5		37.5
3/25/2024	38.7	33.6	*	38.4	*
3/26/2024	43.5		44.8		41.8
3/27/2024	36.9		38.1		35.1
3/28/2024	40.0		33.1	45.2	42.7
3/29/2024	37.5		39.4		35.2
3/30/2024	41.3		41.2	41.8	41.6
3/31/2024	40.5		41.8		39.0
Sum	40.4	20.5	40.7	39.5	40.4

\* Availability < 50%

Типовой отчет №3



**NMT Statistics**  
**MP01 NMTVAR001**  
**January 2024**

	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)]
1/1/2024	39	6	21	6	100.0	15.4	99.9		63.9	63.8	44.2	32.8	79.7
1/2/2024	22	18	37	18	100.0	81.8	99.9		55.1	53.7	49.4	31.7	88.6
1/3/2024	56	4	30	4	100.0	7.1	99.2		55.0	54.7	43.5	35.7	81.7
1/4/2024	30	13	29	8	162.5	43.3	91.6	T W	54.7	53.8	47.3	33.5	83.1
1/5/2024	42	7	23	6	116.7	16.7	99.9		55.5	55.4	41.5	33.0	75.4
1/6/2024	7	3	18	3	100.0	42.9	99.9		57.1	57.0	42.7	34.0	80.9
1/7/2024	10	8	23	8	100.0	80.0	99.9		51.7	49.5	47.7	32.4	80.7
1/8/2024	23	9	20	9	100.0	39.1	89.1	T W	52.9	52.5	43.1	31.7	75.2
1/9/2024	23	6	24	9	66.7	26.1	77.0	T W	53.7	53.1	45.2	34.2	82.0
1/10/2024	14	7	24	9	77.8	50.0	97.8	T W	50.5	50.2	39.0	34.4	71.2
1/11/2024	12	3	25	3	100.0	25.0	99.9		53.1	52.8	39.9	35.0	74.6
1/12/2024	10	6	23	6	100.0	60.0	99.9		51.5	51.2	39.3	33.7	73.8
1/13/2024	3	2	15	5	40.0	66.7	70.7	T W	51.5	51.3	36.4	31.3	71.1
1/14/2024	6	6	23	6	100.0	100.0	99.9		50.0	48.7	44.0	34.8	81.1
1/15/2024	21	0	20	0		0.0	99.9		54.0	54.0		34.4	
1/16/2024	31	6	20	7	85.7	19.4	66.5	T W	53.1	52.8	41.2	33.2	73.5
1/17/2024	30	7	22	7	100.0	23.3	99.9		54.6	54.1	45.3	33.8	79.6
1/18/2024	11	4	17	4	100.0	36.4	99.9		53.0	52.8	39.0	33.0	75.2
1/19/2024	23	0	0	0		0.0	99.9		54.9	54.9		32.6	
1/20/2024	15	2	9	2	100.0	13.3	97.7	T W	50.4	50.2	36.6	34.6	75.5
1/21/2024	13	4	17	5	80.0	30.8	95.7	T W	50.8	50.5	39.0	34.1	74.6
1/22/2024	32	14	20	4	350.0	43.8	99.9		54.0	53.1	47.0	34.4	82.1
1/23/2024	15	9	35	3	300.0	60.0	99.9		53.4	52.2	47.2	36.0	82.1
1/24/2024	26	6	24	6	100.0	23.1	99.0		54.1	53.7	43.2	34.1	79.8
1/25/2024	17	5	19	5	100.0	29.4	93.6	T W	53.0	52.8	40.4	33.9	74.1
1/26/2024	10	3	22	3	100.0	30.0	99.9		51.8	51.6	38.6	33.7	74.5
1/27/2024	1	1	10	2	50.0	100.0	97.8	T W	49.3	49.1	34.7	34.1	73.7
1/28/2024	19	3	19	3	100.0	15.8	91.5	T W	52.4	52.1	40.5	34.1	75.2
1/29/2024	24	0	18	3	0.0	0.0	70.7	T W	53.7	53.7		35.7	
1/30/2024	8	1	20	1	100.0	12.5	99.9		51.7	51.6	33.5	35.6	73.1
1/31/2024	10	1	19	1	100.0	10.0	99.9		50.6	50.5	33.8	35.0	73.0
Sum	603	164	646	156	105.1	27.2	94.7	T W	54.6	54.3	43.1	31.3	88.6

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

\* Availability < 50%

**NMT Statistics**  
**MP02 NMTVAR002**  
**January 2024**



	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)]
1/1/2024	51	6	21	6	100.0	11.8	99.9		65.7	65.7	43.4	34.6	78.2
1/2/2024	39	18	37	18	100.0	46.2	99.9		54.0	52.6	48.4	33.9	80.6
1/3/2024	27	4	30	4	100.0	14.8	99.9		53.0	52.7	42.4	36.5	79.4
1/4/2024	22	13	29	8	162.5	59.1	91.6	T W	52.7	51.8	45.5	34.7	78.0
1/5/2024	25	7	23	6	116.7	28.0	99.9		52.9	52.6	41.4	34.3	75.7
1/6/2024	38	3	18	3	100.0	7.9	99.9		54.3	54.1	41.0	36.1	78.2
1/7/2024	35	8	23	8	100.0	22.9	99.9		52.5	51.2	46.7	33.8	84.0
1/8/2024	129	9	20	9	100.0	7.0	89.5	T W	54.6	54.2	43.4	32.5	77.1
1/9/2024	161	6	24	9	66.7	3.7	77.0	T W	56.0	55.7	44.4	36.5	80.9
1/10/2024	33	7	24	9	77.8	21.2	97.8	T W	51.2	50.9	39.8	37.0	74.7
1/11/2024	19	3	25	3	100.0	15.8	99.9		50.6	50.4	38.2	37.1	75.4
1/12/2024	26	6	23	6	100.0	23.1	99.9		51.2	50.9	39.7	36.3	76.3
1/13/2024	3	2	15	5	40.0	66.7	70.7	T W	61.1	61.1	37.0	34.8	72.3
1/14/2024	12	6	23	6	100.0	50.0	99.9		49.5	48.4	42.8	37.0	78.8
1/15/2024	25	0	20	0		0.0	99.9		52.0	52.0		37.1	
1/16/2024	29	4	20	7	57.1	13.8	66.6	T W	52.2	51.8	41.7	34.8	74.9
1/17/2024	49	6	22	7	85.7	12.2	99.9		53.1	52.6	43.8	36.3	76.9
1/18/2024	15	4	17	4	100.0	26.7	99.9		51.2	50.9	39.5	35.4	75.2
1/19/2024	22	0	0	0		0.0	99.9		51.9	51.9		34.4	
1/20/2024	50	2	9	2	100.0	4.0	97.7	T W	52.5	52.4	36.1	35.0	75.0
1/21/2024	54	5	17	5	100.0	9.3	95.7	T W	52.0	51.6	41.1	36.4	80.1
1/22/2024	52	14	20	4	350.0	26.9	99.9		53.3	52.4	46.1	37.1	82.1
1/23/2024	42	9	35	3	300.0	21.4	99.9		52.7	51.9	45.0	38.2	79.2
1/24/2024	59	6	24	6	100.0	10.2	99.9		53.5	53.0	43.4	36.5	80.7
1/25/2024	26	5	19	5	100.0	19.2	93.7	T W	52.0	51.5	41.6	35.9	79.4
1/26/2024	68	3	22	3	100.0	4.4	99.9		53.3	53.1	39.9	35.8	76.1
1/27/2024	33	2	10	2	100.0	6.1	97.8	T W	50.9	50.7	35.3	37.0	75.1
1/28/2024	296	3	19	3	100.0	1.0	91.6	T W	57.4	57.3	41.1	35.5	76.2
1/29/2024	92	1	18	3	33.3	1.1	70.7	T W	55.8	55.7	35.5	37.0	74.3
1/30/2024	48	1	20	1	100.0	2.1	99.9		53.0	53.0	35.5	37.6	76.2
1/31/2024	25	1	19	1	100.0	4.0	99.9		50.4	50.3	34.2	36.6	74.2
Sum	1605	164	646	156	105.1	10.2	94.8	T W	55.4	55.2	42.3	32.5	84.0

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

\* Availability < 50%



**NMT Statistics**  
**MP03 NMTVAR003**  
**January 2024**

	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)]
1/1/2024	16	0	21	6	0.0	0.0	99.7		58.4	58.4		52.9	
1/2/2024	150	4	37	18	22.2	2.7	97.7	T	59.6	59.6	32.9	47.6	67.6
1/3/2024	147	0	30	4	0.0	0.0	99.9		57.5	57.5		44.6	
1/4/2024	8	0	29	8	0.0	0.0	89.8	T W	63.6	63.6		48.6	
1/5/2024	0	0	23	6	0.0		0.0	T	*	*	*		
1/6/2024	0	0	18	3	0.0		0.0	T	*	*	*		
1/7/2024	0	0	23	8	0.0		0.0	T	*	*	*		
1/8/2024	0	0	20	9	0.0		0.0	T	*	*	*		
1/9/2024	0	0	24	9	0.0		0.0	T	*	*	*		
1/10/2024	0	0	24	9	0.0		0.0	T	*	*	*		
1/11/2024	0	0	25	3	0.0		0.0	T	*	*	*		
1/12/2024	0	0	23	6	0.0		0.0	T	*	*	*		
1/13/2024	0	0	15	5	0.0		0.0	T	*	*	*		
1/14/2024	0	0	23	6	0.0		0.0	T	*	*	*		
1/15/2024	0	0	20	0			0.0	T	*	*	*		
1/16/2024	0	0	20	7	0.0		0.0	T	*	*	*		
1/17/2024	0	0	22	7	0.0		0.0	T	*	*	*		
1/18/2024	0	0	17	4	0.0		0.0	T	*	*	*		
1/19/2024	0	0	0	0			0.0	T	*	*	*		
1/20/2024	0	0	9	2	0.0		0.0	T	*	*	*		
1/21/2024	0	0	17	5	0.0		0.0	T	*	*	*		
1/22/2024	0	0	20	4	0.0		0.0	T	*	*	*		
1/23/2024	0	0	35	3	0.0		0.0	T	*	*	*		
1/24/2024	0	0	24	6	0.0		0.0	T	*	*	*		
1/25/2024	0	0	19	5	0.0		0.0	T	*	*	*		
1/26/2024	7	1	22	3	33.3	14.3	55.2	T	65.4	65.3	34.2	57.5	64.4
1/27/2024	40	0	10	2	0.0	0.0	97.8	T W	66.6	66.6		57.6	
1/28/2024	81	0	19	3	0.0	0.0	91.6	T W	64.1	64.1		57.2	
1/29/2024	114	0	18	3	0.0	0.0	70.7	T W	61.7	61.7		56.9	
1/30/2024	121	0	20	1	0.0	0.0	99.9		62.3	62.3		56.8	
1/31/2024	73	0	19	1	0.0	0.0	99.9		62.6	62.6		57.3	
Sum	757	5	646	156	3.2	0.7	29.1	T W	*	*	*	44.6	67.6

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

\* Availability < 50%



**NMT Statistics**  
**MP04 NMTVAR004**



**January 2024**

	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)]
1/1/2024	22	4	21	6	66.7	18.2	99.9		66.7	66.7	39.4	39.3	75.0
1/2/2024	34	14	37	18	77.8	41.2	99.9		57.8	57.6	42.9	38.1	74.2
1/3/2024	45	3	30	4	75.0	6.7	99.9		58.2	58.1	39.5	39.3	76.3
1/4/2024	119	8	29	8	100.0	6.7	91.6	T W	59.6	59.5	41.0	39.0	72.8
1/5/2024	163	5	23	6	83.3	3.1	99.9		59.9	59.9	39.4	39.4	71.3
1/6/2024	19	2	18	3	66.7	10.5	99.9		56.5	56.4	37.4	39.1	75.8
1/7/2024	44	6	23	8	75.0	13.6	99.9		56.4	56.3	41.5	39.8	76.6
1/8/2024	194	7	20	9	77.8	3.6	89.5	T W	63.0	63.0	39.4	39.5	72.7
1/9/2024	331	5	24	9	55.6	1.5	77.0	T W	64.3	64.3	43.7	40.2	77.9
1/10/2024	130	3	24	9	33.3	2.3	97.8	T W	58.6	58.6	34.2	41.4	71.1
1/11/2024	184	2	25	3	66.7	1.1	99.9		63.1	63.1	36.5	41.3	75.2
1/12/2024	141	6	23	6	100.0	4.3	99.9		60.4	60.4	37.0	41.0	68.9
1/13/2024	8	2	15	5	40.0	25.0	70.7	T W	55.2	55.2	34.4	39.8	69.5
1/14/2024	11	4	23	6	66.7	36.4	99.9		55.6	55.2	44.5	42.4	88.8
1/15/2024	163	0	20	0		0.0	99.9		61.5	61.5		40.4	
1/16/2024	35	3	20	7	42.9	8.6	66.6	T W	55.8	55.8	36.8	39.7	71.2
1/17/2024	45	3	22	7	42.9	6.7	99.9		58.2	58.2	36.2	40.5	72.2
1/18/2024	82	2	17	4	50.0	2.4	99.9		59.9	59.9	37.3	40.8	72.5
1/19/2024	44	0	0	0		0.0	99.9		58.1	58.1		39.8	
1/20/2024	64	1	9	2	50.0	1.6	97.7	T W	57.7	57.7	30.5	40.0	69.5
1/21/2024	14	1	17	5	20.0	7.1	95.7	T W	54.5	54.5	27.2	41.2	67.4
1/22/2024	8	2	20	4	50.0	25.0	99.8		56.1	56.0	36.1	41.3	73.1
1/23/2024	16	2	35	3	66.7	12.5	99.8		57.3	57.3	37.4	41.7	73.4
1/24/2024	23	6	24	6	100.0	26.1	99.8		57.2	57.2	39.4	40.7	74.3
1/25/2024	40	3	19	5	60.0	7.5	93.6	T W	57.8	57.8	36.3	40.7	70.7
1/26/2024	146	3	22	3	100.0	2.1	98.6	T	60.1	60.0	39.1	40.9	72.1
1/27/2024	125	1	10	2	50.0	0.8	97.7	T W	58.7	58.7	30.9	41.8	68.5
1/28/2024	0	0	19	3	0.0		0.0	T	*	*	*		
1/29/2024	0	0	18	3	0.0		0.0	T	*	*	*		
1/30/2024	0	0	20	1	0.0		0.0	T	*	*	*		
1/31/2024	0	0	19	1	0.0		0.0	T	*	*	*		
Sum	2250	98	646	156	62.8	4.4	83.1	T W	60.0	59.9	38.7	38.1	88.8

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

\* Availability < 50%

**NMT Statistics**  
**MP01 NMTVAR001**  
**February 2024**



	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)]
2/1/2024	6	1	19	1	100.0	16.7	99.9		50.4	50.3	33.6	36.0	73.6
2/2/2024	4	2	17	2	100.0	50.0	99.9		49.8	49.6	36.8	35.2	73.9
2/3/2024	6	1	10	3	33.3	16.7	83.2	T W	50.6	50.5	33.3	34.9	72.3
2/4/2024	8	6	13	6	100.0	75.0	97.2	T W	50.8	50.4	40.7	33.8	73.9
2/5/2024	7	4	21	10	40.0	57.1	68.6	T W	52.6	52.5	38.7	33.6	71.7
2/6/2024	5	4	20	8	50.0	80.0	70.6	T W	51.8	51.5	40.4	34.1	75.6
2/7/2024	40	6	21	8	75.0	15.0	87.5	T W	55.0	54.8	42.1	32.9	74.9
2/8/2024	0	0	25	7	0.0		0.0	T	*	*	*		
2/9/2024	0	0	27	6	0.0		0.0	T	*	*	*		
2/10/2024	0	0	11	1	0.0		0.0	T	*	*	*		
2/11/2024	0	0	15	4	0.0		0.0	T	*	*	*		
2/12/2024	0	0	17	3	0.0		0.0	T	*	*	*		
2/13/2024	0	0	19	4	0.0		0.0	T	*	*	*		
2/14/2024	0	0	24	8	0.0		0.0	T	*	*	*		
2/15/2024	0	0	21	8	0.0		0.0	T	*	*	*		
2/16/2024	0	0	19	3	0.0		0.0	T	*	*	*		
2/17/2024	0	0	12	3	0.0		0.0	T	*	*	*		
2/18/2024	0	0	21	6	0.0		0.0	T	*	*	*		
2/19/2024	0	0	15	3	0.0		0.0	T	*	*	*		
2/20/2024	0	0	18	2	0.0		0.0	T	*	*	*		
2/21/2024	0	0	20	1	0.0		0.0	T	*	*	*		
2/22/2024	0	0	24	6	0.0		0.0	T	*	*	*		
2/23/2024	0	0	20	5	0.0		0.0	T	*	*	*		
2/24/2024	0	0	12	4	0.0		0.0	T	*	*	*		
2/25/2024	0	0	18	4	0.0		0.0	T	*	*	*		
2/26/2024	0	0	18	7	0.0		0.0	T	*	*	*		
2/27/2024	0	0	17	1	0.0		0.0	T	*	*	*		
2/28/2024	0	0	25	8	0.0		0.0	T	*	*	*		
2/29/2024	0	0	26	9	0.0		0.0	T	*	*	*		
Sum	76	24	545	141	17.0	31.6	20.9	T W	*	*	*	32.9	75.6

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

\* Availability < 50%

**NMT Statistics**  
**MP02 NMTVAR002**  
**February 2024**



	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)]
2/1/2024	24	1	19	1	100.0	4.2	99.9		51.2	51.1	34.5	37.9	74.6
2/2/2024	27	2	17	2	100.0	7.4	99.9		51.3	51.2	36.4	37.2	73.3
2/3/2024	35	1	10	3	33.3	2.9	83.2	T W	50.5	50.4	33.5	37.6	71.8
2/4/2024	26	6	13	6	100.0	23.1	97.8	T W	50.5	50.0	41.2	35.7	73.8
2/5/2024	26	5	21	10	50.0	19.2	68.7	T W	57.1	57.0	41.1	35.0	75.1
2/6/2024	16	4	20	8	50.0	25.0	70.7	T W	51.4	50.9	41.3	35.3	74.3
2/7/2024	47	6	21	8	75.0	12.8	87.5	T W	53.1	52.7	41.6	33.7	75.0
2/8/2024	32	7	25	7	100.0	21.9	99.9		52.1	51.6	41.9	33.3	77.7
2/9/2024	36	5	27	6	83.3	13.9	99.9		52.3	52.1	36.3	35.9	71.6
2/10/2024	9	1	11	1	100.0	11.1	99.9		49.0	48.8	33.4	32.7	73.3
2/11/2024	80	4	15	4	100.0	5.0	99.9		53.0	52.8	40.7	32.1	76.8
2/12/2024	21	2	17	3	66.7	9.5	85.3	T W	51.5	51.2	39.5	32.3	76.2
2/13/2024	18	4	19	4	100.0	22.2	95.7	T W	52.2	51.7	43.1	32.6	82.2
2/14/2024	92	5	24	8	62.5	5.4	89.5	T W	53.7	53.5	40.2	32.7	75.0
2/15/2024	126	8	21	8	100.0	6.3	85.3	T W	54.6	54.2	44.0	37.0	79.1
2/16/2024	27	3	19	3	100.0	11.1	99.9		51.6	51.2	40.9	33.5	77.9
2/17/2024	26	3	12	3	100.0	11.5	99.9		51.3	50.8	42.0	33.9	79.5
2/18/2024	21	6	21	6	100.0	28.6	99.9		50.6	49.3	44.6	34.2	79.7
2/19/2024	40	3	15	3	100.0	7.5	99.9		52.0	51.5	42.3	33.4	78.5
2/20/2024	36	2	18	2	100.0	5.6	99.9		51.9	51.5	41.4	34.0	78.0
2/21/2024	28	1	20	1	100.0	3.6	99.9		51.5	51.3	38.7	34.7	78.5
2/22/2024	17	6	24	6	100.0	35.3	99.9		51.2	50.7	41.7	34.3	77.3
2/23/2024	29	5	20	5	100.0	17.2	99.9		51.8	51.3	42.5	34.7	78.6
2/24/2024	12	4	12	4	100.0	33.3	99.9		49.7	49.1	41.0	35.5	78.2
2/25/2024	23	4	18	4	100.0	17.4	99.9		50.8	49.6	44.6	33.8	78.8
2/26/2024	17	7	18	7	100.0	41.2	99.9		51.5	51.0	42.0	34.1	76.3
2/27/2024	18	1	17	1	100.0	5.6	99.9		50.9	50.6	39.0	31.2	79.2
2/28/2024	20	8	25	8	100.0	40.0	99.9		52.0	51.3	43.5	33.0	79.3
2/29/2024	50	8	26	9	88.9	16.0	99.9		52.9	52.4	43.3	32.5	78.4
Sum	979	122	545	141	86.5	12.5	95.2	T W	52.0	51.6	41.4	31.2	82.2

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

\* Availability < 50%

**NMT Statistics**  
**MP03 NMTVAR003**  
**February 2024**

	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)]
2/1/2024	21	0	19	1	0.0	0.0	99.9		63.4	63.4		57.6	
2/2/2024	51	0	17	2	0.0	0.0	99.9		63.3	63.3		56.4	
2/3/2024	1	0	10	3	0.0	0.0	83.2	T W	66.5	66.5		58.4	
2/4/2024	14	0	13	6	0.0	0.0	97.8	T W	65.5	65.5		58.8	
2/5/2024	3	0	21	10	0.0	0.0	68.7	T W	65.0	65.0		58.2	
2/6/2024	0	0	20	8	0.0		70.7	T W	62.9	62.9		59.0	
2/7/2024	3	0	21	8	0.0	0.0	87.5	T W	63.0	63.0		58.3	
2/8/2024	3	0	25	7	0.0	0.0	99.9		63.5	63.5		58.9	
2/9/2024	14	0	27	6	0.0	0.0	99.9		62.4	62.4		57.9	
2/10/2024	0	0	11	1	0.0		99.9		63.8	63.8		59.3	
2/11/2024	0	0	15	4	0.0		99.9		67.2	67.2		60.8	
2/12/2024	0	0	17	3	0.0		85.3	T W	66.6	66.6		61.4	
2/13/2024	0	0	19	4	0.0		95.7	T W	64.5	64.5		61.2	
2/14/2024	0	0	24	8	0.0		89.5	T W	63.9	63.9		60.3	
2/15/2024	0	0	21	8	0.0		85.3	T W	64.1	64.1		60.1	
2/16/2024	2	0	19	3	0.0	0.0	99.9		64.8	64.8		58.8	
2/17/2024	1	0	12	3	0.0	0.0	99.9		63.1	63.1		58.8	
2/18/2024	0	0	21	6	0.0		99.9		63.2	63.2		59.7	
2/19/2024	0	0	15	3	0.0		99.9		65.6	65.6		60.7	
2/20/2024	0	0	18	2	0.0		99.9		64.9	64.9		60.9	
2/21/2024	0	0	20	1	0.0		99.9		64.8	64.8		59.6	
2/22/2024	0	0	24	6	0.0		99.9		65.6	65.6		60.6	
2/23/2024	0	0	20	5	0.0		99.9		66.7	66.7		61.9	
2/24/2024	0	0	12	4	0.0		99.9		65.8	65.8		59.8	
2/25/2024	0	0	18	4	0.0		99.8		65.6	65.6		60.6	
2/26/2024	0	0	18	7	0.0		99.7		66.3	66.3		60.5	
2/27/2024	0	0	17	1	0.0		99.5		67.1	67.1		61.4	
2/28/2024	0	0	25	8	0.0		0.0	T	*	*	*		
2/29/2024	0	0	26	9	0.0		0.0	T	*	*	*		
Sum	113	0	545	141	0.0	0.0	88.3	T W	65.0	65.0		56.4	

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

\* Availability < 50%

**NMT Statistics**  
**MP04 NMTVAR004**  
**February 2024**



	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)]
2/1/2024	0	0	19	1	0.0		0.0	T	*	*	*		
2/2/2024	0	0	17	2	0.0		0.0	T	*	*	*		
2/3/2024	0	0	10	3	0.0		0.0	T	*	*	*		
2/4/2024	0	0	13	6	0.0		0.0	T	*	*	*		
2/5/2024	0	0	21	10	0.0		0.0	T	*	*	*		
2/6/2024	0	0	20	8	0.0		0.0	T	*	*	*		
2/7/2024	0	0	21	8	0.0		0.0	T	*	*	*		
2/8/2024	0	0	25	7	0.0		0.0	T	*	*	*		
2/9/2024	0	0	27	6	0.0		0.0	T	*	*	*		
2/10/2024	0	0	11	1	0.0		0.0	T	*	*	*		
2/11/2024	0	0	15	4	0.0		0.0	T	*	*	*		
2/12/2024	0	0	17	3	0.0		0.0	T	*	*	*		
2/13/2024	0	0	19	4	0.0		0.0	T	*	*	*		
2/14/2024	0	0	24	8	0.0		0.0	T	*	*	*		
2/15/2024	0	0	21	8	0.0		0.0	T	*	*	*		
2/16/2024	0	0	19	3	0.0		0.0	T	*	*	*		
2/17/2024	0	0	12	3	0.0		0.0	T	*	*	*		
2/18/2024	0	0	21	6	0.0		0.0	T	*	*	*		
2/19/2024	0	0	15	3	0.0		0.0	T	*	*	*		
2/20/2024	0	0	18	2	0.0		0.0	T	*	*	*		
2/21/2024	0	0	20	1	0.0		0.0	T	*	*	*		
2/22/2024	0	0	24	6	0.0		0.0	T	*	*	*		
2/23/2024	0	0	20	5	0.0		0.0	T	*	*	*		
2/24/2024	0	0	12	4	0.0		0.0	T	*	*	*		
2/25/2024	0	0	18	4	0.0		0.0	T	*	*	*		
2/26/2024	0	0	18	7	0.0		0.0	T	*	*	*		
2/27/2024	0	0	17	1	0.0		0.0	T	*	*	*		
2/28/2024	0	0	25	8	0.0		0.0	T	*	*	*		
2/29/2024	0	0	26	9	0.0		0.0	T	*	*	*		
Sum	0	0	545	141	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 NMTVAR001**  
**March 2024**

	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)]
3/1/2024	0	0	18	4	0.0		0.0	T	*	*	*		
3/2/2024	0	0	9	3	0.0		0.0	T	*	*	*		
3/3/2024	0	0	17	6	0.0		0.0	T	*	*	*		
3/4/2024	0	0	17	4	0.0		0.0	T	*	*	*		
3/5/2024	7	1	18	4	25.0	14.3	41.6	T	*	*	*	34.0	69.9
3/6/2024	20	3	21	3	100.0	15.0	99.9		54.4	54.0	43.4	30.7	81.4
3/7/2024	72	6	20	6	100.0	8.3	99.7		56.2	55.8	45.9	32.9	79.8
3/8/2024	4	1	17	1	100.0	25.0	99.9		51.0	50.7	39.2	33.1	78.9
3/9/2024	3	2	11	2	100.0	66.7	99.9		50.0	49.5	40.7	32.6	80.1
3/10/2024	6	3	21	8	37.5	50.0	91.6	T W	51.6	50.3	45.4	34.4	81.5
3/11/2024	42	6	17	7	85.7	14.3	99.9		55.5	55.0	45.8	32.8	79.2
3/12/2024	14	7	22	7	100.0	50.0	97.2	T W	52.8	51.5	46.8	34.2	81.4
3/13/2024	15	5	25	5	100.0	33.3	99.9		52.4	52.0	42.4	32.6	80.1
3/14/2024	11	2	23	2	100.0	18.2	99.3		51.5	50.9	42.5	31.5	79.4
3/15/2024	68	1	22	1	100.0	1.5	99.9		55.2	55.2	31.6	30.6	73.5
3/16/2024	14	13	14	2	650.0	92.9	99.3		52.0	49.6	48.3	31.2	82.2
3/17/2024	9	6	20	6	100.0	66.7	99.9		51.8	50.1	46.9	34.7	81.2
3/18/2024	53	5	17	5	100.0	9.4	97.1	T W	55.4	55.2	43.4	32.6	78.5
3/19/2024	20	5	22	5	100.0	25.0	99.2		53.7	53.1	45.2	29.7	79.2
3/20/2024	0	0	25	8	0.0		0.0	T	*	*	*		
3/21/2024	0	0	32	9	0.0		0.0	T	*	*	*		
3/22/2024	0	0	22	7	0.0		0.0	T	*	*	*		
3/23/2024	0	0	12	6	0.0		0.0	T	*	*	*		
3/24/2024	0	0	25	4	0.0		0.0	T	*	*	*		
3/25/2024	0	0	23	6	0.0		0.0	T	*	*	*		
3/26/2024	0	0	26	6	0.0		0.0	T	*	*	*		
3/27/2024	0	0	21	5	0.0		0.0	T	*	*	*		
3/28/2024	0	0	20	5	0.0		0.0	T	*	*	*		
3/29/2024	0	0	20	5	0.0		0.0	T	*	*	*		
3/30/2024	0	0	16	6	0.0		0.0	T	*	*	*		
3/31/2024	0	0	23	5	0.0		0.0	T	*	*	*		
Sum	358	66	616	153	43.1	18.4	46.0	T W	*	*	*	29.7	82.2

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

\* Availability < 50%

**NMT Statistics**  
**MP02 NMTVAR002**  
**March 2024**



	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)]
3/1/2024	31	4	18	4	100.0	12.9	99.9		52.8	52.5	40.5	33.2	75.2
3/2/2024	37	3	9	3	100.0	8.1	99.9		51.0	50.7	40.1	34.6	75.9
3/3/2024	52	6	17	6	100.0	11.5	99.9		51.8	50.9	44.7	33.2	79.8
3/4/2024	26	4	17	4	100.0	15.4	93.7	T W	50.8	50.1	42.6	32.7	77.2
3/5/2024	30	4	18	4	100.0	13.3	99.7		52.6	52.3	41.4	33.8	79.1
3/6/2024	35	3	21	3	100.0	8.6	99.9		51.9	51.3	42.7	32.6	80.3
3/7/2024	27	6	20	6	100.0	22.2	99.9		52.2	51.4	44.7	33.3	78.8
3/8/2024	23	1	17	1	100.0	4.3	99.9		51.9	51.7	39.3	33.8	78.7
3/9/2024	32	2	11	2	100.0	6.3	99.9		50.8	50.4	39.6	33.9	78.6
3/10/2024	22	3	21	8	37.5	13.6	91.6	T W	51.1	50.1	44.2	36.1	80.1
3/11/2024	39	6	17	7	85.7	15.4	99.9		53.4	52.8	44.5	35.1	79.3
3/12/2024	22	6	22	7	85.7	27.3	97.8	T W	52.5	51.7	44.4	36.1	80.4
3/13/2024	22	5	25	5	100.0	22.7	99.9		52.0	51.6	41.3	34.0	79.0
3/14/2024	14	2	23	2	100.0	14.3	99.9		51.8	51.3	42.0	32.8	80.3
3/15/2024	20	1	22	1	100.0	5.0	99.9		51.5	51.4	29.7	32.7	69.5
3/16/2024	41	13	14	2	650.0	31.7	99.9		52.2	50.6	47.0	33.7	77.9
3/17/2024	28	6	20	6	100.0	21.4	99.9		51.7	50.6	45.2	36.6	79.1
3/18/2024	24	5	17	5	100.0	20.8	97.8	T W	52.0	51.5	42.0	33.8	76.8
3/19/2024	30	5	22	5	100.0	16.7	99.9		51.8	51.2	42.6	31.7	78.6
3/20/2024	0	0	25	8	0.0		0.0	T	*	*	*		
3/21/2024	0	0	32	9	0.0		0.0	T	*	*	*		
3/22/2024	0	0	22	7	0.0		0.0	T	*	*	*		
3/23/2024	0	0	12	6	0.0		0.0	T	*	*	*		
3/24/2024	0	0	25	4	0.0		0.0	T	*	*	*		
3/25/2024	0	0	23	6	0.0		0.0	T	*	*	*		
3/26/2024	0	0	26	6	0.0		0.0	T	*	*	*		
3/27/2024	0	0	21	5	0.0		0.0	T	*	*	*		
3/28/2024	0	0	20	5	0.0		0.0	T	*	*	*		
3/29/2024	0	0	20	5	0.0		0.0	T	*	*	*		
3/30/2024	0	0	16	6	0.0		0.0	T	*	*	*		
3/31/2024	0	0	23	5	0.0		0.0	T	*	*	*		
Sum	555	85	616	153	55.6	15.3	60.7	T W	51.9	51.3	43.0	31.7	80.4

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

\* Availability < 50%

**NMT Statistics**
**MP03 NMTVAR003**
**March 2024**

	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)]
3/1/2024	0	0	18	4	0.0		0.0	T	*	*	*		
3/2/2024	0	0	9	3	0.0		0.0	T	*	*	*		
3/3/2024	0	0	17	6	0.0		0.0	T	*	*	*		
3/4/2024	0	0	17	4	0.0		0.0	T	*	*	*		
3/5/2024	0	0	18	4	0.0		38.7	T	*	*	*	63.4	
3/6/2024	0	0	21	3	0.0		99.9		68.2	68.2		61.0	
3/7/2024	0	0	20	6	0.0		99.9		68.6	68.6		63.9	
3/8/2024	0	0	17	1	0.0		99.9		68.2	68.2		62.1	
3/9/2024	0	0	11	2	0.0		99.9		67.3	67.3		62.3	
3/10/2024	0	0	21	8	0.0		91.6	T W	67.1	67.1		61.8	
3/11/2024	0	0	17	7	0.0		99.9		67.6	67.6		62.2	
3/12/2024	0	0	22	7	0.0		97.8	T W	66.6	66.6		61.8	
3/13/2024	0	0	25	5	0.0		99.9		65.2	65.2		60.1	
3/14/2024	0	0	23	2	0.0		99.9		66.6	66.6		61.6	
3/15/2024	0	0	22	1	0.0		99.9		65.7	65.7		60.9	
3/16/2024	0	0	14	2	0.0		99.9		68.2	68.2		62.3	
3/17/2024	0	0	20	6	0.0		99.9		67.5	67.5		62.1	
3/18/2024	0	0	17	5	0.0		97.8	T W	68.1	68.1		63.1	
3/19/2024	0	0	22	5	0.0		99.9		67.6	67.6		61.4	
3/20/2024	0	0	25	8	0.0		97.8	T W	66.4	66.4		61.0	
3/21/2024	0	0	32	9	0.0		99.9		66.3	66.3		61.5	
3/22/2024	0	0	22	7	0.0		99.9		66.1	66.1		61.0	
3/23/2024	0	0	12	6	0.0		99.9		65.1	65.1		61.0	
3/24/2024	0	0	25	4	0.0		99.9		65.0	65.0		60.6	
3/25/2024	0	0	23	6	0.0		74.9	T W	68.1	68.1		61.0	
3/26/2024	0	0	26	6	0.0		99.9		68.0	68.0		60.0	
3/27/2024	1	0	21	5	0.0	0.0	99.9		65.8	65.8		59.3	
3/28/2024	0	0	20	5	0.0		97.8	T W	65.2	65.2		60.0	
3/29/2024	0	0	20	5	0.0		81.1	T W	65.1	65.1		59.6	
3/30/2024	15	0	16	6	0.0	0.0	95.7	T W	63.4	63.4		57.8	
3/31/2024	0	0	23	5	0.0		99.9		64.9	64.9		60.3	
Sum	16	0	616	153	0.0	0.0	82.9	T W	66.8	66.8		57.8	

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

\* Availability &lt; 50%



**NMT Statistics**  
**MP04 NMTVAR004**  
**March 2024**



	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)]
3/1/2024	0	0	18	4	0.0		0.0	T	*	*	*		
3/2/2024	0	0	9	3	0.0		0.0	T	*	*	*		
3/3/2024	0	0	17	6	0.0		0.0	T	*	*	*		
3/4/2024	0	0	17	4	0.0		0.0	T	*	*	*		
3/5/2024	0	0	18	4	0.0		0.0	T	*	*	*		
3/6/2024	0	0	21	3	0.0		0.0	T	*	*	*		
3/7/2024	0	0	20	6	0.0		0.0	T	*	*	*		
3/8/2024	0	0	17	1	0.0		0.0	T	*	*	*		
3/9/2024	0	0	11	2	0.0		0.0	T	*	*	*		
3/10/2024	0	0	21	8	0.0		0.0	T	*	*	*		
3/11/2024	49	2	17	7	28.6	4.1	55.9	T	59.3	59.2	39.4	43.7	73.1
3/12/2024	53	2	22	7	28.6	3.8	97.8	T W	57.4	57.3	40.1	40.3	78.2
3/13/2024	58	2	25	5	40.0	3.4	99.9		57.4	57.3	37.3	39.3	75.8
3/14/2024	10	2	23	2	100.0	20.0	99.9		56.9	56.8	37.8	38.0	74.7
3/15/2024	90	0	22	1	0.0	0.0	99.9		58.9	58.9		37.6	
3/16/2024	29	4	14	2	200.0	13.8	99.9		56.2	56.1	37.9	39.5	74.1
3/17/2024	12	5	20	6	83.3	41.7	99.9		55.0	54.9	40.0	39.8	74.6
3/18/2024	102	2	17	5	40.0	2.0	97.8	T W	58.3	58.3	34.9	38.5	71.7
3/19/2024	82	3	22	5	60.0	3.7	99.9		58.4	58.4	36.1	37.0	71.6
3/20/2024	91	6	25	8	75.0	6.6	97.8	T W	58.7	58.7	40.7	38.0	75.7
3/21/2024	28	7	32	9	77.8	25.0	99.9		57.3	57.2	40.6	38.5	71.7
3/22/2024	26	5	22	7	71.4	19.2	99.9		57.7	57.6	40.3	39.0	77.4
3/23/2024	61	6	12	6	100.0	9.8	99.9		57.5	57.4	39.7	40.2	74.3
3/24/2024	6	3	25	4	75.0	50.0	99.9		54.0	53.9	37.5	40.3	74.5
3/25/2024	61	3	23	6	50.0	4.9	74.7	T W	57.6	57.6	37.1	38.0	70.4
3/26/2024	115	3	26	6	50.0	2.6	99.9		59.1	59.0	41.8	40.7	78.7
3/27/2024	33	1	21	5	20.0	3.0	99.9		57.3	57.3	35.1	38.5	73.4
3/28/2024	27	3	20	5	60.0	11.1	97.8	T W	58.0	57.9	38.2	39.9	73.6
3/29/2024	40	3	20	5	60.0	7.5	81.2	T W	58.5	58.4	35.2	39.6	71.9
3/30/2024	51	3	16	6	50.0	5.9	95.7	T W	59.8	59.8	39.5	39.6	74.7
3/31/2024	17	2	23	5	40.0	11.8	99.9		56.0	55.9	39.0	41.4	74.7
Sum	1041	67	616	153	43.8	6.4	64.4	T W	57.7	57.7	38.6	37.0	78.7

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

Reference Level Exceedances  
 January 2024



ATA/ATD	Flight Number	A/D	Runway	Aircraft Type	MP01	MP02	MP03	MP04
					LASmax	LASmax	LASmax	LASmax
1/2/2024 8:21:00 PM	XQ5904	A	27	B738	<b>88.6 (+3.6)</b>	74.0		70.1
1/14/2024 2:12:00 PM	BRO881B	A	27	B737	74.7	69.1		<b>88.8 (+3.8)</b>



**Reference Level Exceedances**  
**March 2024**

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