



ТРИМЕСЕЧЕН ДОКЛАД ЗА ПЕРИОДА АПРИЛ – ЮНИ 2023 ГОДИНА

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

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

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

Ползвател: СОФ Кънект АД
Пълен адрес: Област: София (столица), Община: Столична,
район „Слатина“
на седалището: гр. София, п.к. 1540
на ползвателя: бул. „Христофор Колумб“ № 1
Летище София
e-mail: 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

Нели Панчева, старши еколог

Тел. 02 937 2616, факс: 02 937 2010, e-mail: 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 април - юни 2023 год.“ са дадени типа и модификацията на въздухоплавателните средства (ВС), изпълняващи редовни полети по разписание и сезонни чартърни линии от/до летище София.

Таблица 1

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

Тип ВС	Модификация	Самолетодвижения /бр./			Общо за тримесечие
		Април	Май	Юни	
319	Airbus Industrie A319	154	169	176	499
320	Airbus Industrie A320-100/200	1474	1608	1626	4708
321	Airbus Industrie A321	420	345	310	1075
32A	Airbus Industrie A320-sharkles	27	33	27	87
32N	Airbus Industrie A20N	217	194	93	504
32Q	Airbus Industrie A21N	183	201	241	625
330	Airbus A330 all models	6	0	0	6
332	Airbus Industrie A330-200	1	0	0	1
733	Boeing 737-300 Pax	51	53	22	126
734	Boeing 737-400 Pax	30	20	13	63
737	Boeing 737-All pax models	2	28	0	30
738	Boeing 737-800 Pax	640	705	710	2055
739	Boeing 737-900 Passenger	20	10	12	42
73G	Boeing 737-700 Pax	0	4	0	4
73H	Boeing 737-800 Passenger Winglets	0	4	2	6
73Q	Boeing 737-400 Mixed Configuration	20	18	14	52
73S	Boeing 737-700 Freighter	4	4	2	10
73Y	Boeing 737-300 Freighter	0	2	2	4
744	Boeing 747-400 Pax	10	6	0	16
752	Boeing 757-200	34	38	36	108
762	Boeing 767-200 Pax	18	8	16	42
763	Boeing 767-300 Pax	34	24	42	100
772	Boeing 777-200 Pax	14	16	18	48
7M8	Boeing 737MAX-8 Passenger/BBJ MAX8	470	454	506	1430
AGH	Agusta A109	22	14	0	36
AN6	Antonov AN26	0	5	5	10
ANF	Antonov AN12	0	2	0	2
AT4	Aerospatiale/Alenia ATR 42-300	6	13	5	24

Тип ВС	Модификация	Самолетодвижения /бр./			Общо за тримесечие
		Апрел	Май	Юни	
AT5	Aerospatiale/Alenia ATR 42-500	2	2	2	6
AT7	Aerospatiale/Alenia ATR 72	167	194	174	535
BE4	Beech/Raytheon Beechjet 400	2	2	6	10
BET	Beechcraft twin turboprop engines	6	14	6	26
C27	Spartan Tactical Transport Aircraft C27	34	48	54	136
CCJ	Bombardier Global 7000	7	5	21	33
CCX	Bombardier BD-700 Global Express	0	10	10	20
CJ1	Cessna 500/521/525 Citation	11	24	24	59
CJ2	Cessna 550/551/552 Citation	0	2	8	10
CJ5	Cessna 560 Citation	0	2	10	12
CJ6	Cessna 650 Citation	0	6	8	14
CJ8	Cessna 680 Citation	6	18	2	26
CJL	Cessna Citation Excel	37	38	38	113
CL3	Bombardier Continental Challenger	5	5	9	19
CN1	Cessna 172	8	10	18	36
CNJ	Cessna Citation - all types	5	5	25	35
CR2	Canadair Regional Jet 200	0	4	6	10
CR9	Canadair Regional Jet 900	2	4	0	6
CRJ	Canadair Regional Jet	0	2	0	2
DF2	Dassault Falcon 20/200/2000	12	26	16	54
DF5	Dassault Falcon Jet 50/50EX	0	1	3	4
DF7	Dassault Falcon Jet 7X	6	6	6	18
DF9	Dassault Falcon Jet 900	2	2	6	10
E70	Embraer ERJ-170	8	16	16	40
E75	Embraer 175	28	24	32	84
E90	Embraer ERJ-190	278	291	434	1003
E95	Embraer 195	38	30	20	88
EA5	ECLIPSE 500	2	4	2	8
EP3	Embraer EMB-505 Phenom 300	47	68	40	155
ER3	Embraer ERJ-135 and Legacy 600/650	6	4	12	22
ER4	Embraer ERJ-145	4	0	2	6
GJ4	Gulfstream Aerospace G300/350/400/450	4	0	0	4
GR2	Gulfstream 200 (Galaxy) USA	3	9	15	27
GR3	Gulfstream Aerospace G-280	8	1	14	23
GRJ	Gulfstream G550	6	16	14	36
H25	Hawker 750/800/800XP/800SP	2	8	2	12
H47	Boeing CH-47 Chinook	6	6	0	12
H60	Sikorsky Helicopters S-70/MH-60/AH-64	24	10	10	44
H64	AH-64 Longbow Apache	40	10	0	50
L4T	LET 410	23	35	26	84
LJ3	Learjet 35	0	8	6	14
LJ4	Learjet 45	10	6	2	18
LJ6	Learjet 60	0	0	5	5
LOH	Lockheed L-382 (L-100) Hercules	6	2	0	8
M82	McDonnell Douglas MD82	59	39	62	160

Тип ВС	Модификация	Самолетодвижения /бр./			Общо за тримесечие
		Април	Май	Юни	
MIH	MI-8/Mi-17/Mi-171/Mi-172	0	22	2	24
P18	PIAGGIO AVANTI	22	34	22	78
PA1	P46T/P28R/P28A	2	4	10	16
PA2	PA46	4	4	12	20
PL2	Pilatus PC12	14	19	27	60
TB2	Socata TB20 Trinidad	0	0	2	2
Общо:		4 813	5 078	5 119	15 010
Други:		139	201	215	555
Тотал:		4 952	5 279	5 334	15 565

* 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 $L_{Aeq} 60$ 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 Е1 – източен край на летище София на около 960 m източно от праг 27 на пистата за излитане и кацане;

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

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

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

АКУСТИЧНО СЪСТОЯНИЕ НА РАЙОНИ, РАЗПОЛОЖЕНИ В БЛИЗОСТ ДО ЛЕТИЩЕ СОФИЯ

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

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

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

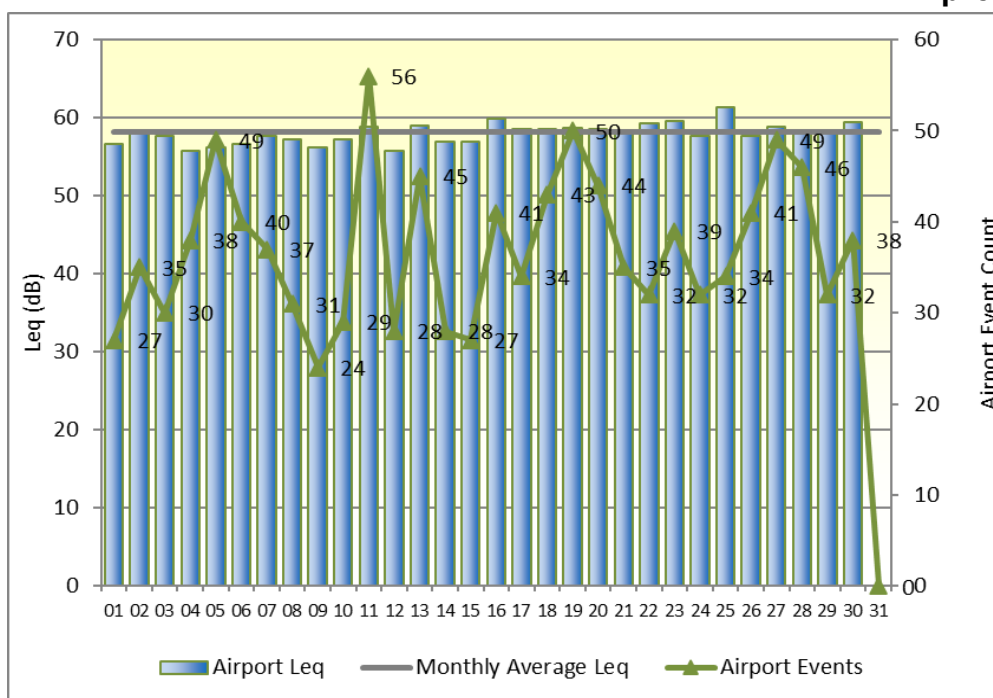
Граничните стойности на показателите за шум в околната среда за територии, подложени на въздействието на авиационен шум са дадени в Наредба № 6/26.06.2006 г. за показателите за шум в околна среда и са както следва:

- За дневен период (07:00 – 19:00 ч.) – Lден = 65 dB(A) еквивалентно ниво на шума;
- За вечерен период (19:00 - 23:00 ч.) – Lвечер = 65 dB(A) еквивалентно ниво на шума;
- За нощен период (23:00 – 07:00 ч.) – Lнощ = 55 dB(A) еквивалентно ниво на шума;
- За денонощен период – L24 = 66,3 dB(A) еквивалентно ниво на шума.

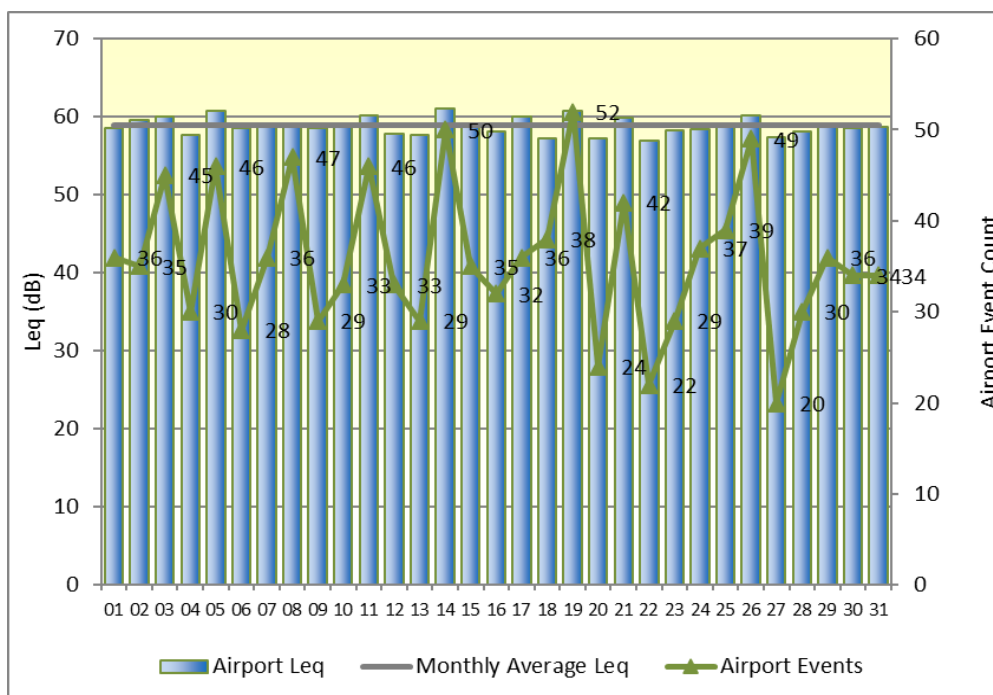
4.1. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН ЛЕТИЩЕ СОФИЯ: ЗАПАДНО НАПРАВЛЕНИЕ, ТЕРМИНАЛ W1

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

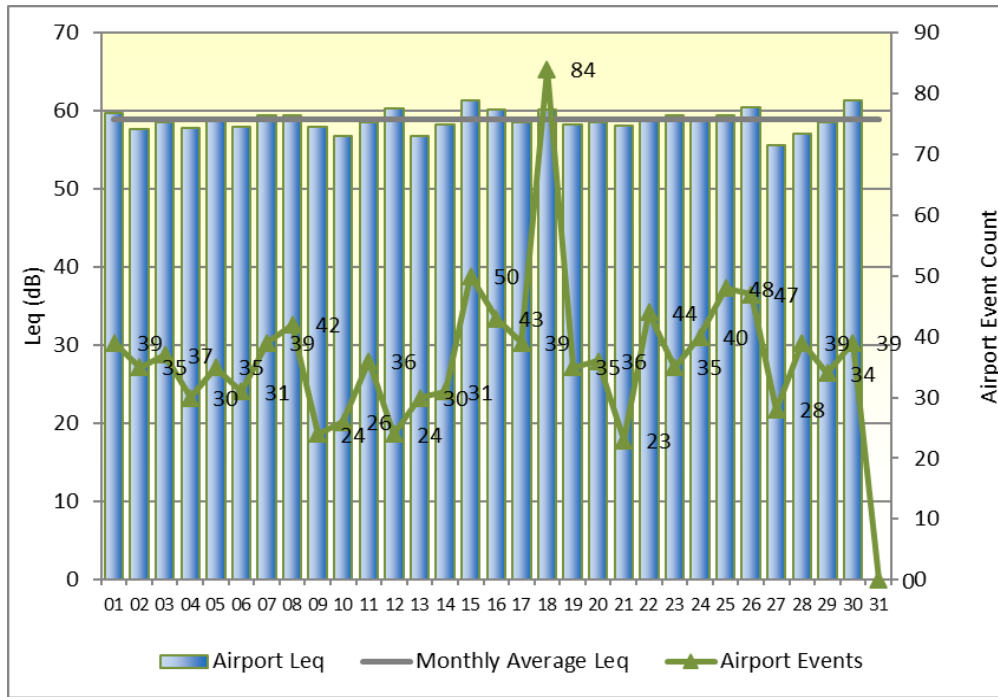
Фиг. 4.1.А – Април 2023 г.



Фиг. 4.1.Б – Май 2023 г.



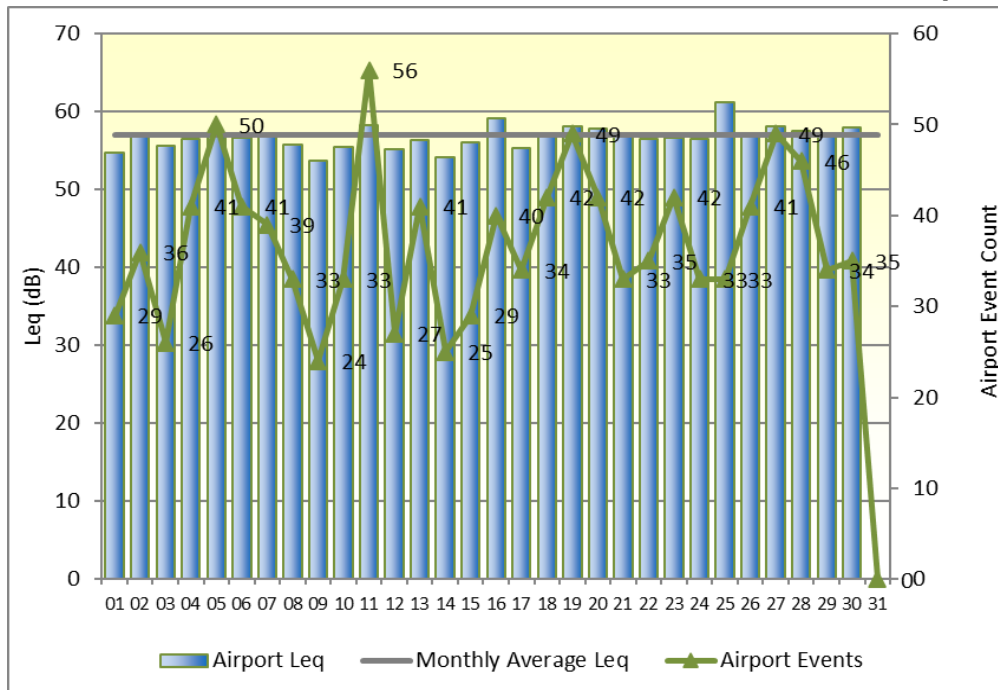
Фиг. 4.1.В – Юни 2023 г.



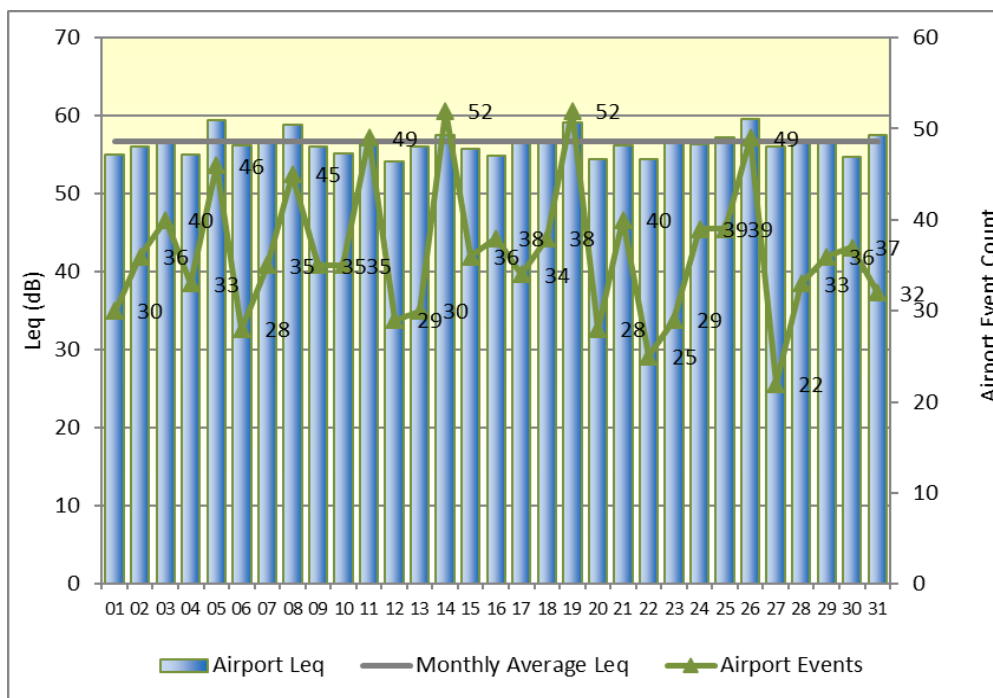
4.2. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – кв. В. ЛЕВСКИ, ТЕРМИНАЛ W2

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

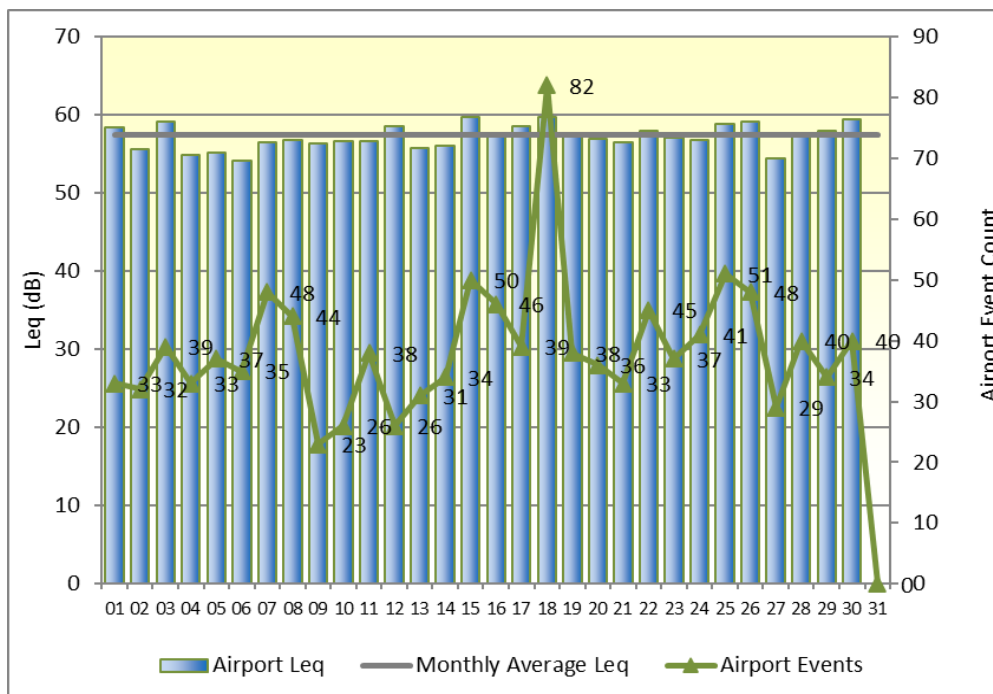
Фиг. 4.2.А – Април 2023 г.



Фиг. 4.2.Б – Май 2023 г.



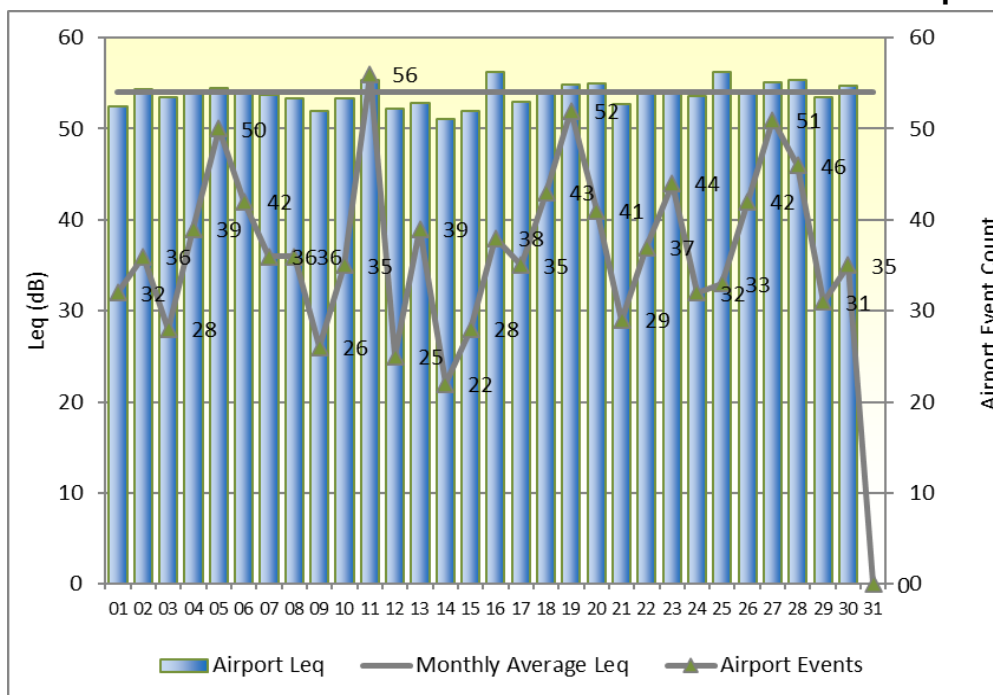
Фиг. 4.2.В – Юни 2023 г.



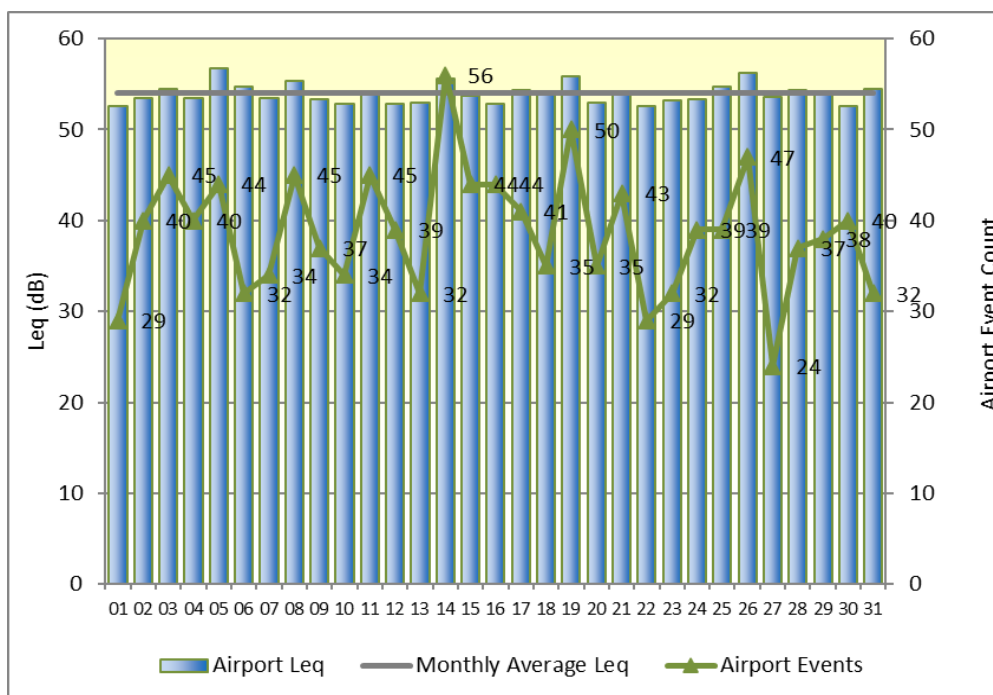
4.3. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН „ПОДУЯНЕ“, ТЕРМИНАЛ W3

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

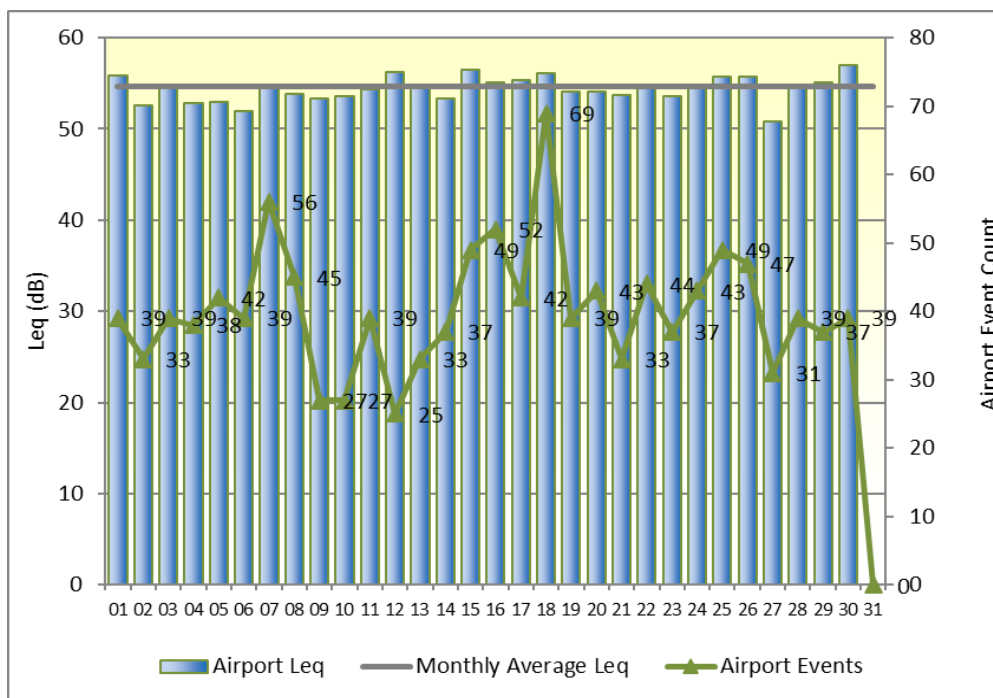
Фиг. 4.3.А – Април 2023 г.



Фиг. 4.3.Б – Май 2023 г.



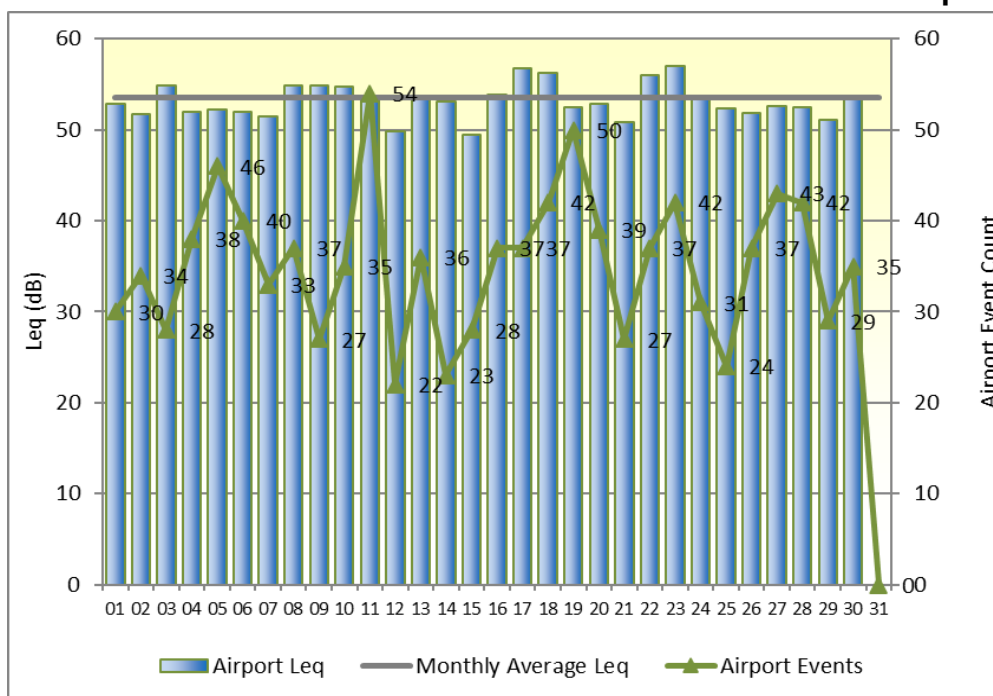
Фиг. 4.3.В – Юни 2023 г.



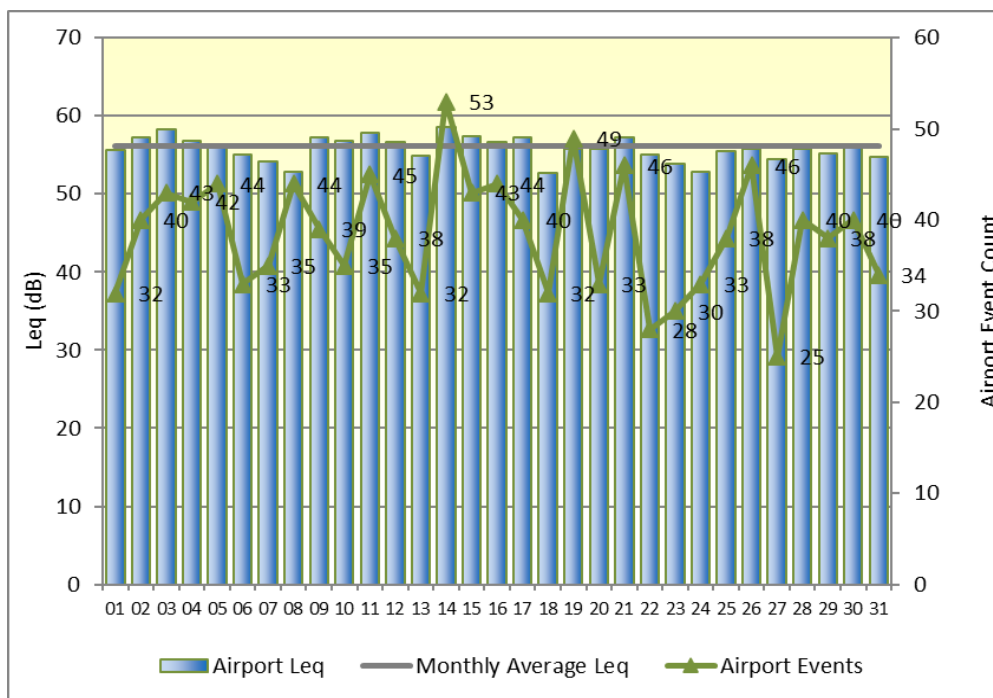
4.4. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН „ПОДУЯНЕ“, ТЕРМИНАЛ W4

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

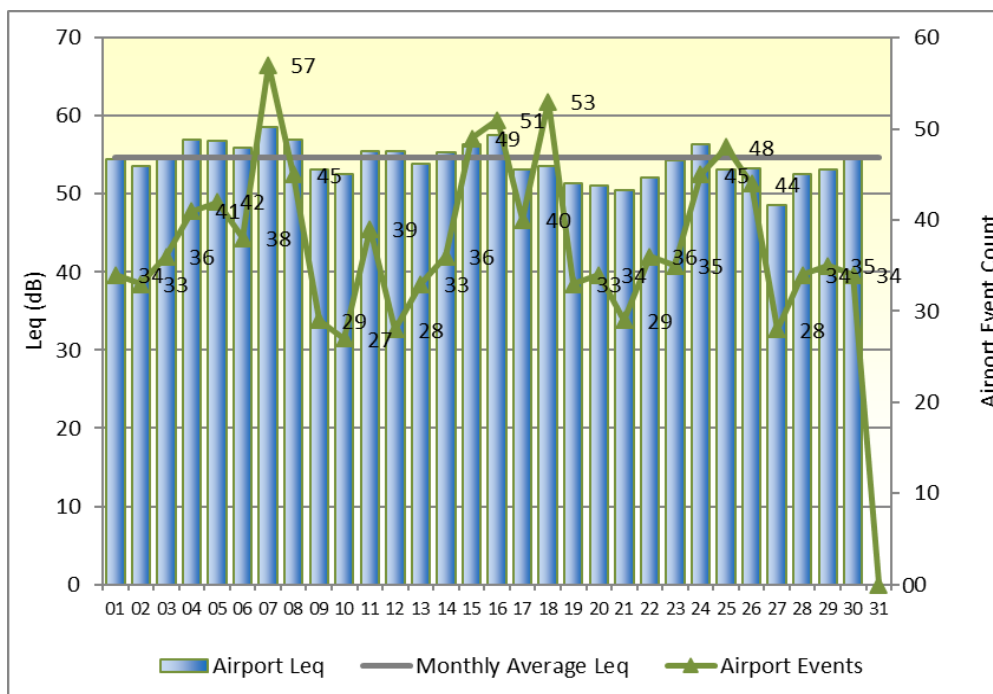
Фиг. 4.4.А – Април 2023 г.



Фиг. 4.4.Б – Май 2023 г.



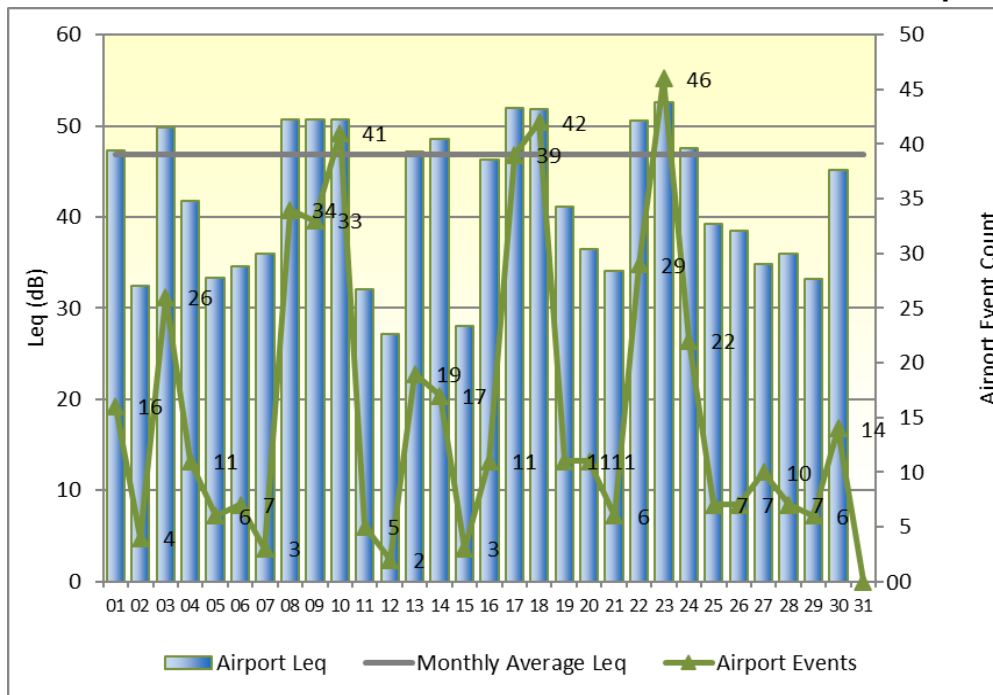
Фиг. 4.4.В – Юни 2023 г.



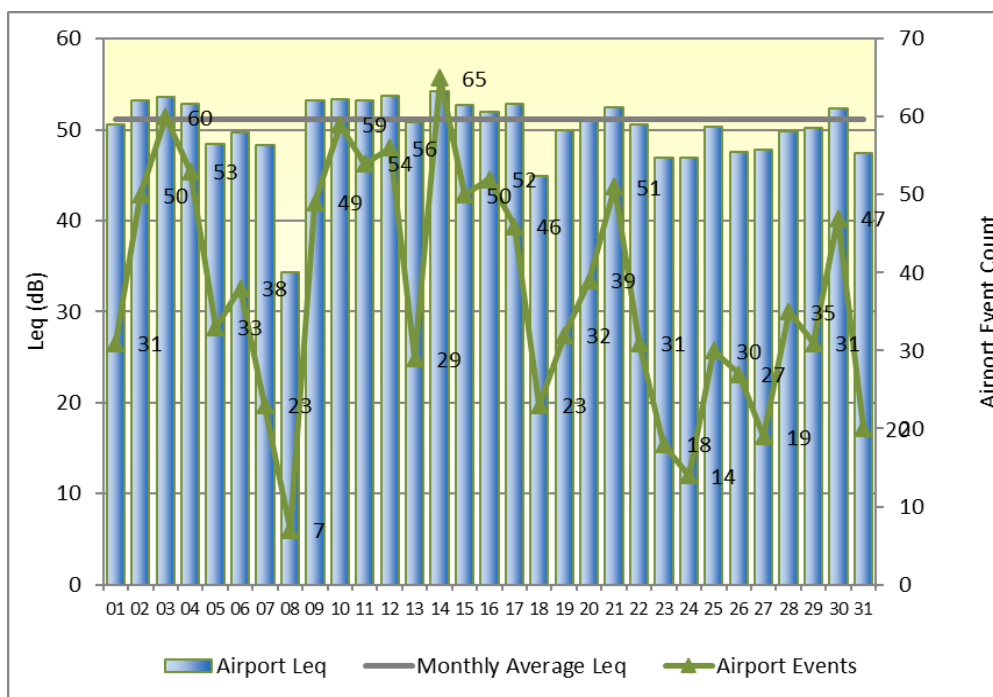
4.5. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН „ОБОРИЩЕ“, ТЕРМИНАЛ W5

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

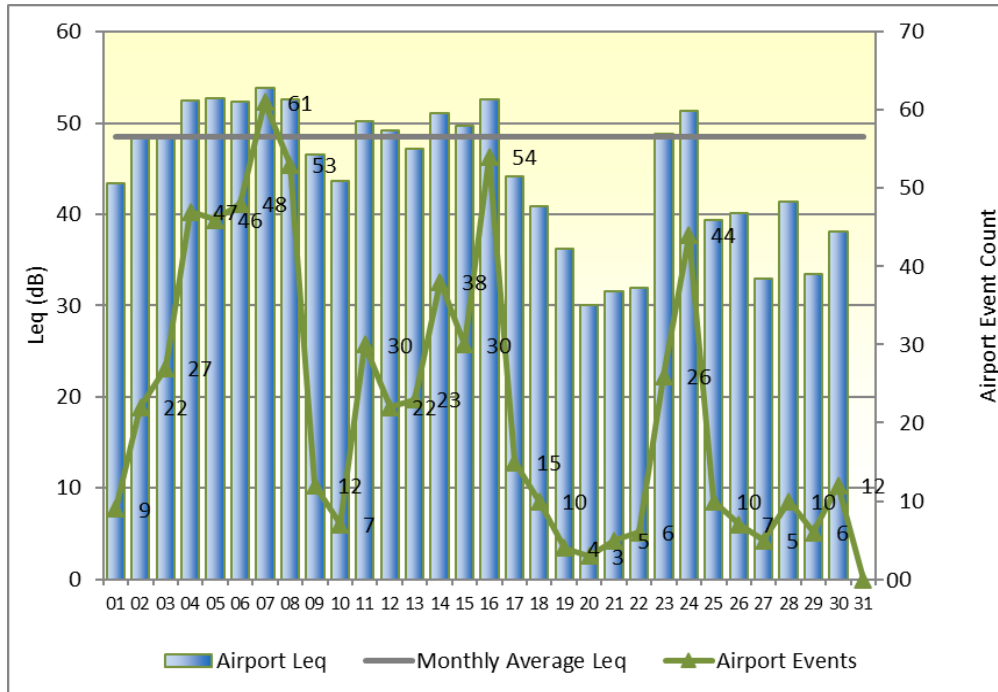
Фиг. 4.5.А – Април 2023 г.



Фиг. 4.5.Б – Май 2023 г.



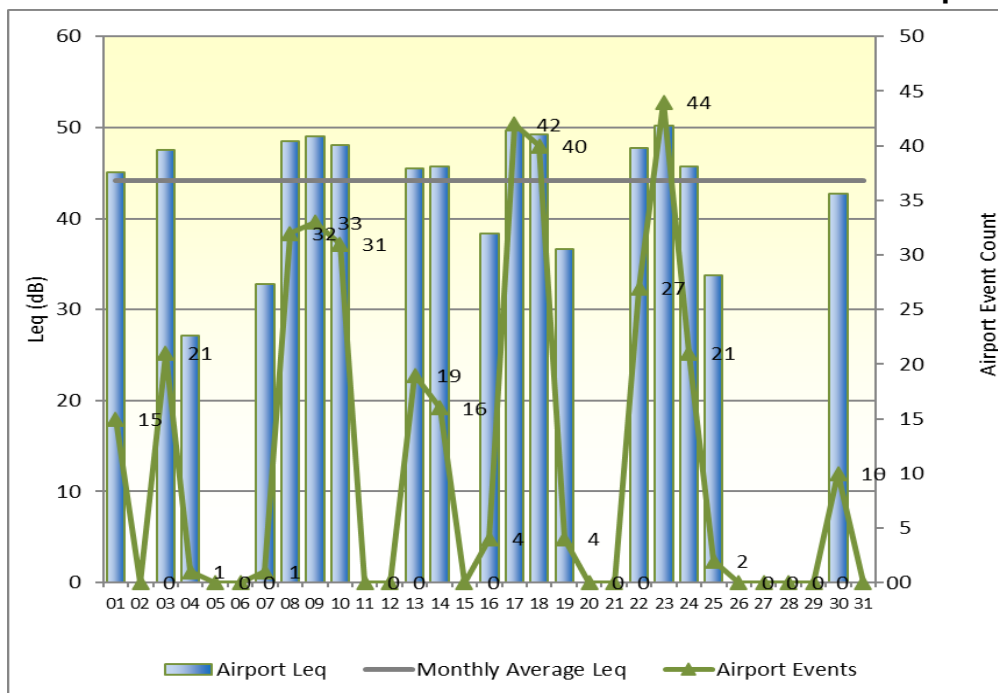
Фиг. 4.5.В – Юни 2023 г.



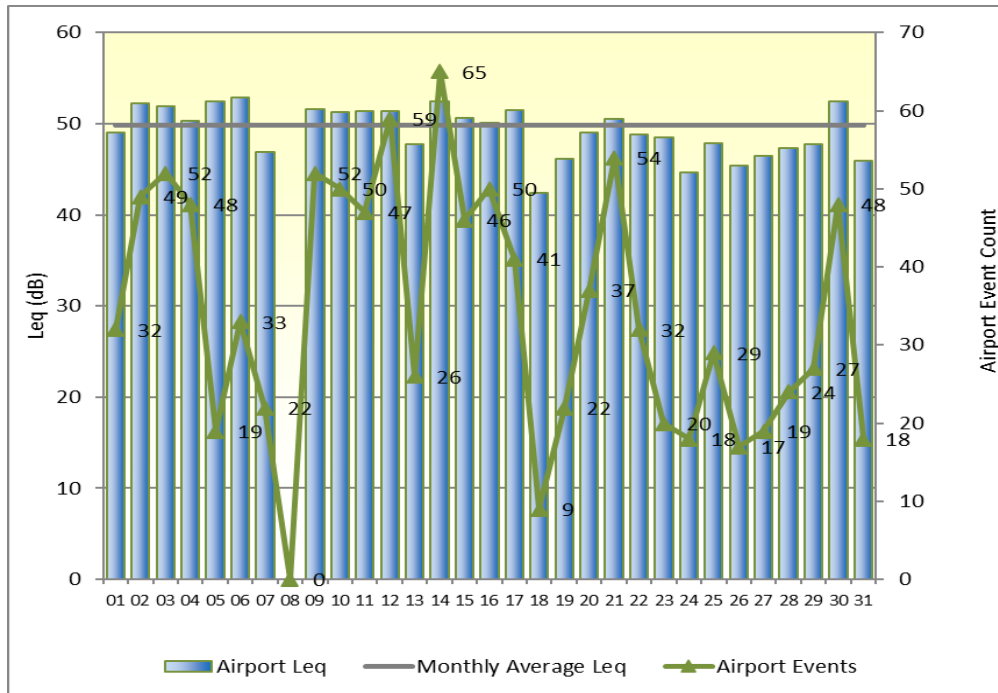
4.6. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН „ВЪЗРАЖДАНЕ“, ТЕРМИНАЛ W6

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

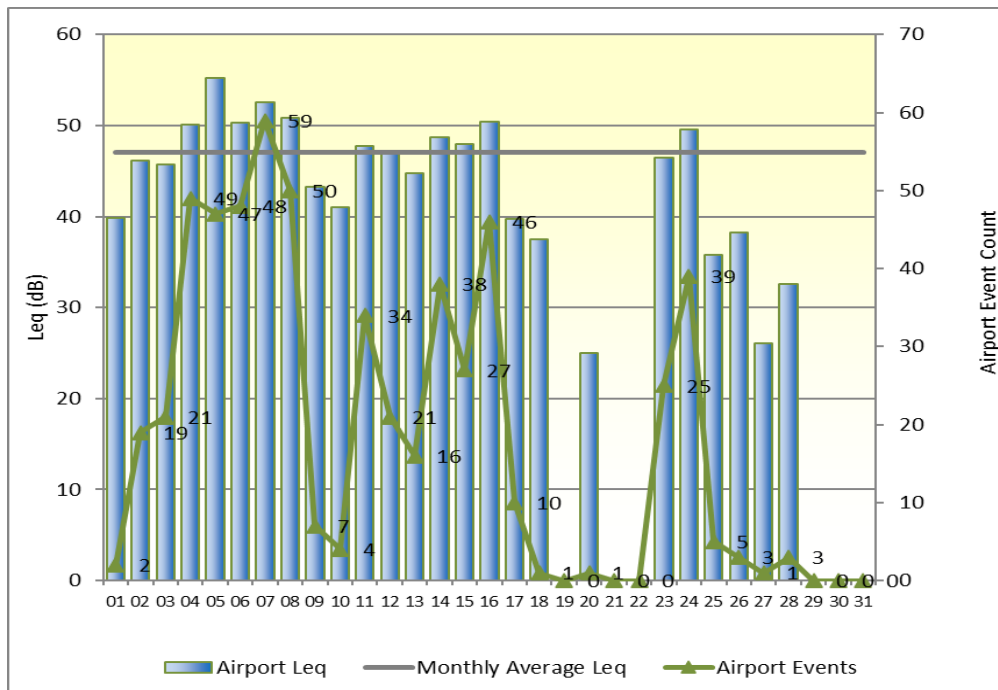
Фиг. 4.6.А – Април 2023 г.



Фиг. 4.6.Б – Май 2023 г.



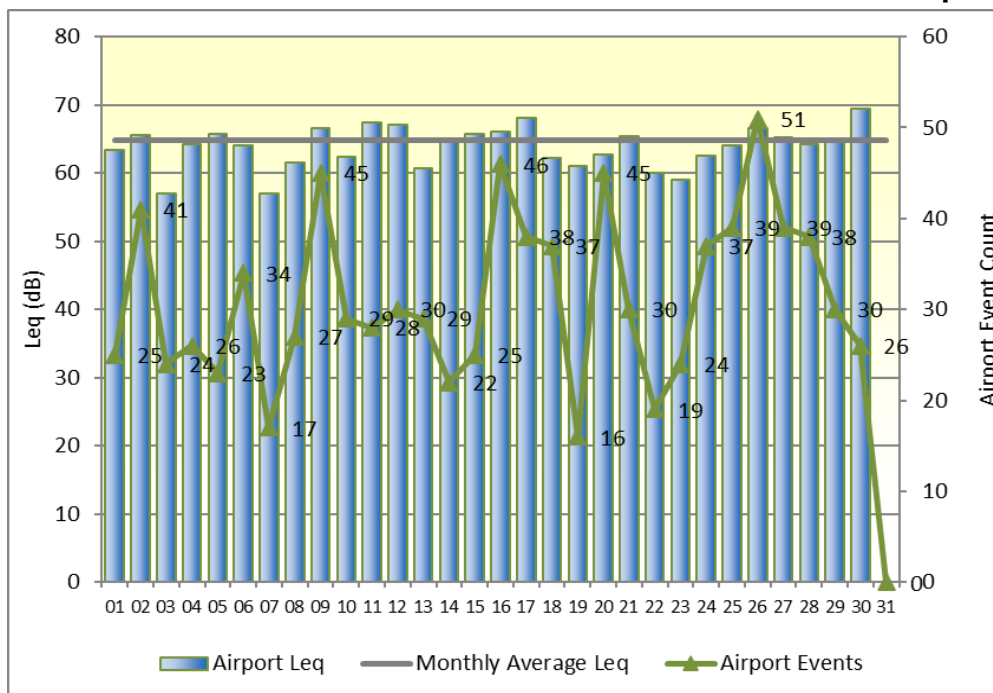
Фиг. 4.6.В – Юни 2023 г.



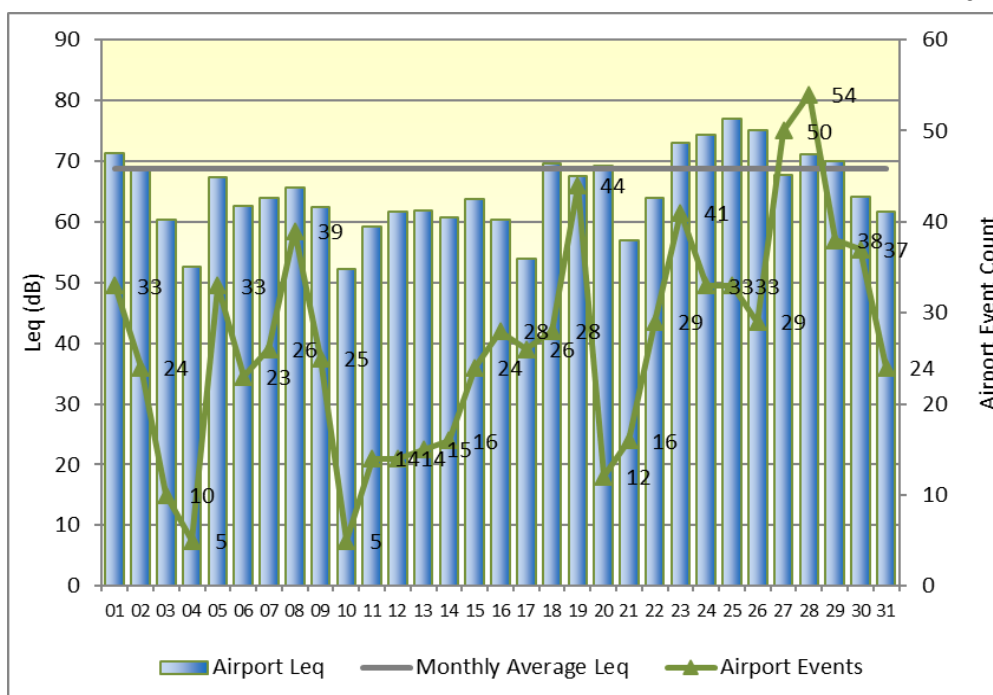
4.7. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – РАЙОН ЛЕТИЩЕ СОФИЯ: ИЗТОЧНО НАПРАВЛЕНИЕ, ТЕРМИНАЛ Е1

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

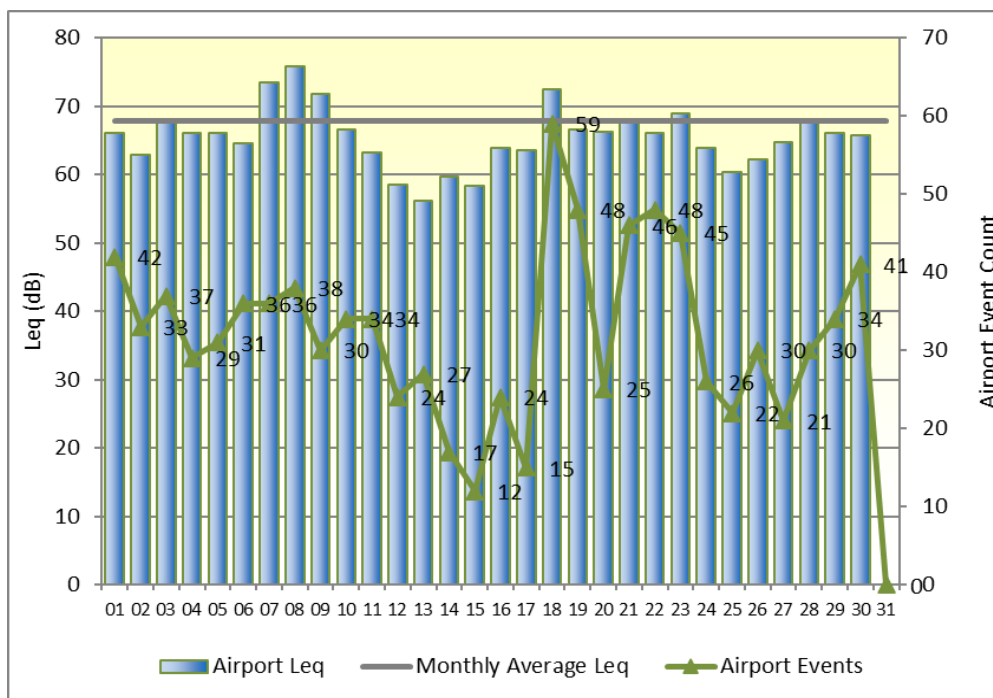
Фиг. 4.7.А – Април 2023 г.



Фиг. 4.7.Б – Май 2023 г.



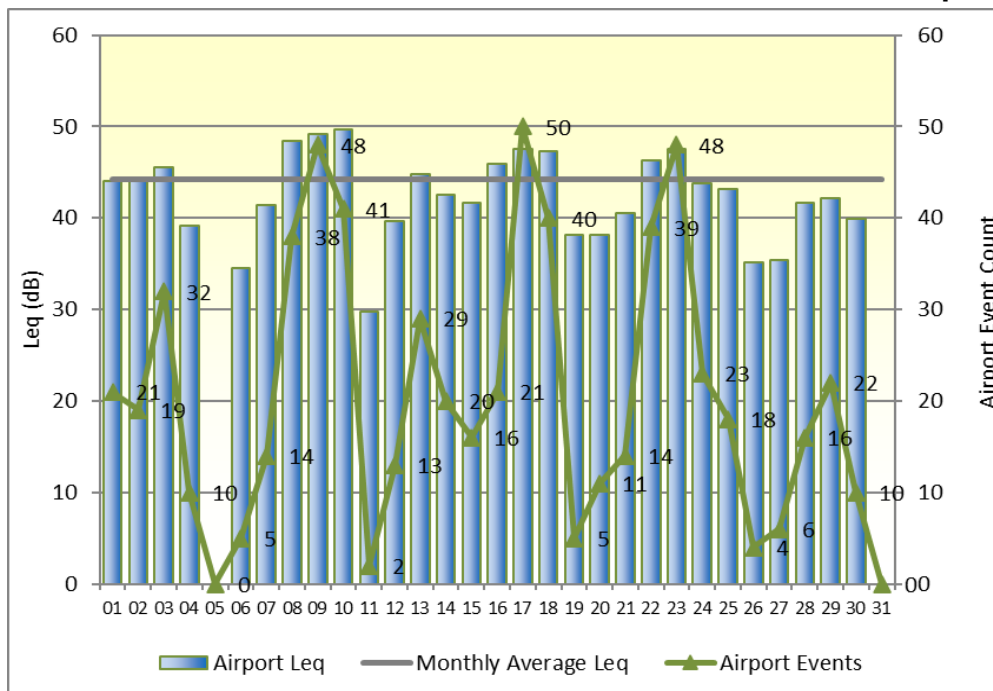
Фиг. 4.7.В – Юни 2023 г.



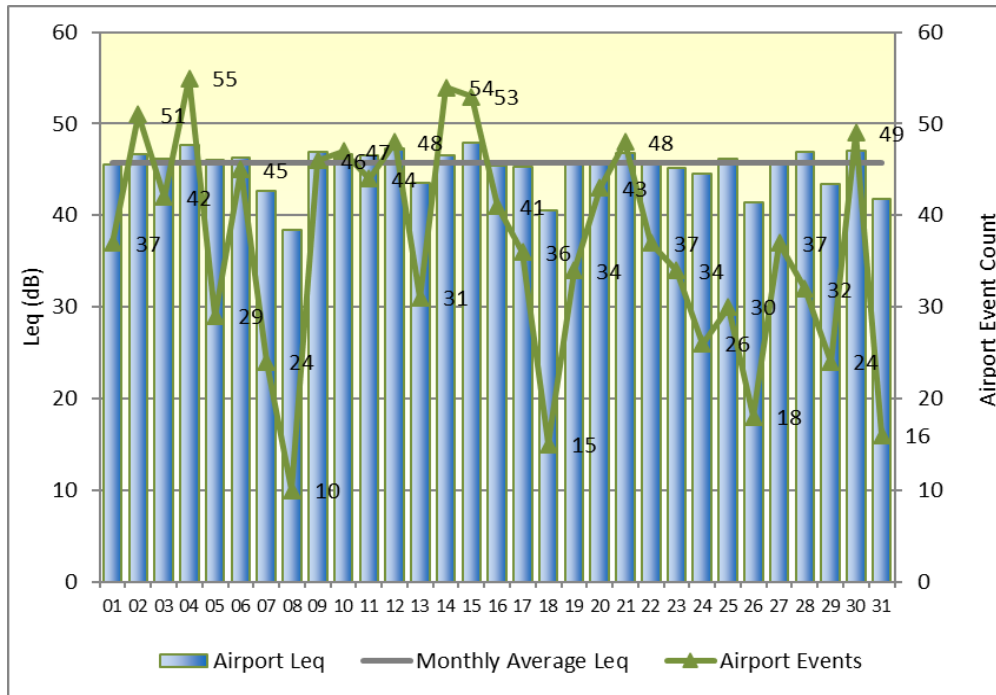
4.8. СЪСТОЯНИЕ НА ОКОЛНАТА СРЕДА – с. КРИВИНА, ТЕРМИНАЛ Е2

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

Фиг. 4.8.А – Април 2023 г.



Фиг. 4.8.Б – Май 2023 г.



Фиг. 4.8.В – Юни 2023 г.

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

Таблица 2

Терминал за мониторинг на шума	Еквивалентно ниво на шума L_{DEN} , dB(A)								
	Април 2023 г.			Май 2023 г.			Юни 2023 г.		
	L_{DEN} общ	L_{DEN} полети	L_{DEN} фон	L_{DEN} общ	L_{DEN} полети	L_{DEN} фон	L_{DEN} общ	L_{DEN} полети	L_{DEN} фон
W1	64.8	61.6	62.1	66.5	62.8	64.1	65.9	62.4	63.3
W2	64.3	60.4	61.9	64.5	60.4	62.5	64.8	61.1	62.4
W3	62.7	57.6	61.2	63.1	58.0	61.6	63.0	58.3	61.3
W4	62.1	57.2	60.4	64.1	60.5	61.8	63.0	59.0	60.9
W5	59.4	50.2	59.0	61.0	55.5	59.7	61.2	53.0	60.6
W6	54.4	47.5	53.4	58.9	53.8	56.0	59.2	51.1	58.9
E1	81.0	68.7	81.6	80.5	70.8	80.9	80.5	71.6	81.0
E2	55.8	49.3	54.7	56.7	50.2	55.6	55.8	49.0	54.8

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		
	Април 2023 г.	Май 2023 г.	Юни 2023 г.
W1	1114	1112	1123
W2	1118	1130	1168
W3	1119	1201	1212
W4	1063	1194	1146
W5	495	1172	692
W6	363	1065	576
E1	940	829	974
E2	640	1142	750

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. април, май и юни 2023 г., за които може да се идентифицира съответния им причинител. За всяко едно събитие са дадени датата и часа на регистрацията му, отчетеното ниво на максималния шум L_{max} в dB(A) и типа на въздухоплавателното средство, причинило този шум.

Изготвил:

DocuSigned by:
Neli Pancheva
F39014ECD3D24AA...

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

Съгласувал:

DocuSigned by:
Neli Pancheva
F39014ECD3D24AA...

за Ел. Лакова,
Ръководител отдел ОС и ИСУ



Monthly Trend - April 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-Apr-01	27	63.6	59.5	61.4	63.2	59.3	61	58.8	55.1	56.5	53.9	49.6	51.9
2023-Apr-02	35	62.7	60.5	58.6	62.2	60.7	57	59.3	56.7	55.9	52.3	49.6	49.2
2023-Apr-03	30	64	60.6	61.3	62.6	58.8	60.3	63.1	59.9	60.2	51.8	48.8	48.9
2023-Apr-04	38	64.8	61	62.5	60.5	55.8	58.9	61.8	58.5	59.1	56.9	53.2	54.6
2023-Apr-05	49	64.7	61.5	62	61.6	56.4	60.1	60	58.5	54.9	57.2	54	54.4
2023-Apr-06	40	63.3	59.7	60.8	61.5	58.2	58.9	60.9	58.4	57.2	53.6	48.4	52.1
2023-Apr-07	37	64.9	62.4	61.4	62.5	58.4	60.5	61.9	60.1	57.1	56.1	53.9	52
2023-Apr-08	31	64.1	61.2	61.1	63	58	61.3	61.7	60.5	55.5	54	50.9	51.1
2023-Apr-09	24	63.6	57.9	62.3	63.6	58.1	62.2	60.1	57.3	57	52.7	35.5	52.7
2023-Apr-10	29	64.6	59.7	62.9	62.8	59.3	60.3	62.6	56.4	61.4	54.5	49.3	53
2023-Apr-11	56	65.7	63.9	61.1	62.2	59.9	58.6	60.8	58	57.8	58.3	57	52.7
2023-Apr-12	28	63	57	61.4	62.5	57.9	59.6	60.6	55.6	59	51.7	30.5	51.7
2023-Apr-13	45	68.2	65	65.5	63.1	59.5	60.6	62.4	58.5	60.2	61.5	58.5	58.6
2023-Apr-14	28	65.1	59	63.8	65.8	59.2	64.3	61.5	55.4	60.3	52.8	47.5	51.4
2023-Apr-15	27	63.2	60	60.3	62	58.7	59.4	61.4	58.5	58.3	52	48.9	49
2023-Apr-16	41	64	62.5	58.7	63	61.7	57.2	61.6	60.3	55.8	53.4	51.5	49.1
2023-Apr-17	34	64	60	61.8	64	60.6	61.5	62.9	59.1	60.5	48.3	26.3	48.3
2023-Apr-18	43	65.5	62.9	62.2	64.1	60.2	61.9	59.6	57.3	55.7	57.3	55.3	53.1
2023-Apr-19	50	64.9	62.2	61.6	63.1	60.1	60	61.8	60	57.3	55.8	52.7	53.1
2023-Apr-20	44	64.2	61.2	61.4	63.1	59.8	60.5	63.8	61.2	60.4	50.3	45.9	48.3
2023-Apr-21	35	65	60	63.4	65.2	60.8	63.3	63.8	58.9	62.2	48.7	0	48.8
2023-Apr-22	32	66.7	64.3	63	61.7	58.4	59	65.7	63.7	61.6	57.7	55.2	54
2023-Apr-23	39	67.8	64.5	65	64.9	59.7	63.4	64.6	62.7	60	59.5	56.2	56.7
2023-Apr-24	32	66.2	61.1	64.6	64	59.4	62.2	63.6	58.8	61.8	57.1	51.1	55.7
2023-Apr-25	34	65	62	62	66.1	64.2	61.5	60.7	57.3	58.2	52	0	52
2023-Apr-26	41	65.4	62.4	62.4	62.7	59	60.4	61.3	58.7	58	57.2	54.4	54
2023-Apr-27	49	64.2	62.5	59.5	62.7	60.6	58.7	60.8	57.6	58.1	55	54.2	47.4
2023-Apr-28	46	64.4	61.1	61.6	62.7	60.5	58.8	62.2	58.2	60.1	54.2	50.4	51.9
2023-Apr-29	32	62.2	59.9	58.3	61.8	60.1	56.8	58.5	57.4	52.1	52	47.2	50.2
2023-Apr-30	38	63.9	61	60.8	63.8	61.3	60.1	61.4	59.4	57.1	51.4	36.9	51.3

Monthly Trend - April 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-Apr-01	29	63	58.6	61.2	62	57.3	60.4	60.2	54.9	58.9	53	49.4	50.5
2023-Apr-02	36	62.6	59.6	59.7	61.8	59.6	58	59.9	55.6	58.1	52	48.9	49.3
2023-Apr-03	26	62.8	58.8	60.6	61.1	56.4	59.3	62	59.1	58.8	51.2	45.4	49.9
2023-Apr-04	41	65.8	61.5	64	61.5	56.6	60	62.4	59.2	59.6	58.2	53.6	56.6
2023-Apr-05	50	65.5	61.7	63.3	62.8	58.6	61.1	61.1	58.4	57.9	57.7	53.6	55.5
2023-Apr-06	41	63.8	59.8	61.8	62.4	57.9	60.8	61.2	58.7	57.6	54	48.6	52.5
2023-Apr-07	39	65.2	61.9	62.7	63.3	57.6	62.1	62.6	59.6	59.8	55.9	53.6	52.1
2023-Apr-08	33	64	60.6	61.5	60.9	55.3	59.6	62.4	60.1	58.6	54.8	51.2	52.3
2023-Apr-09	24	62.5	56.1	61.4	60.4	55	59	60	56.8	57.2	53.2	0	53.3
2023-Apr-10	33	63.8	58.5	62.3	61.7	57.5	59.7	59.8	54.2	58.4	55.3	49.3	54
2023-Apr-11	56	65.3	62.9	61.8	62.3	59.4	59.4	60.7	57.1	58.4	57.8	55.9	53.4
2023-Apr-12	27	63.8	56.7	62.7	63.4	57.4	61.6	60.7	55.6	59.2	53.1	0	53.2
2023-Apr-13	41	65.6	61.4	63.5	61.6	57.5	59.6	60.7	56.1	59	58.3	54.3	56.1
2023-Apr-14	25	63.7	57.1	62.4	63.9	56.1	62.6	60.7	54.2	59.7	51.6	47	49.8
2023-Apr-15	29	62.6	59.6	59.6	60.8	56.8	58.6	61.2	58.8	57.4	52	49	49.1
2023-Apr-16	40	63.7	62	58.9	62.3	60.6	57.2	61.8	60.5	56.2	53.2	51	49.4
2023-Apr-17	34	61.6	56.7	60	61	57.6	58.4	60.4	55.3	58.9	48.8	0	48.8
2023-Apr-18	42	65	62.6	61.3	61.3	57.4	59	58.6	56.5	54.6	58	56	53.7
2023-Apr-19	49	65	61.9	62.2	63	59.3	60.7	62.1	60.1	57.7	56	52.5	53.5
2023-Apr-20	42	63.9	60.5	61.4	62.6	59.1	60.2	63.4	60.6	60.3	50.7	45.4	49.2
2023-Apr-21	33	64.3	58.7	62.9	63.2	58.7	61.4	64	58.5	62.6	49.7	0	49.7
2023-Apr-22	35	64.4	60.9	61.9	60.7	56.4	58.7	63.3	60.3	60.5	54.8	51.3	52.4
2023-Apr-23	42	65.9	61.2	64.1	61.9	57.4	60.1	64.8	58.8	63.6	56.6	53	54.2
2023-Apr-24	33	66.1	59.2	62.8	66.6	58.4	61.2	62.2	57.7	60.3	54.1	47	53.2
2023-Apr-25	33	64.9	61.7	62	65.7	63.9	60.9	60.7	56.8	58.4	52.6	0	52.6
2023-Apr-26	41	65.1	61.6	62.7	62.6	58	61	61.4	58.3	58.7	56.8	53.7	54
2023-Apr-27	49	65	62.2	61.9	62.5	59.7	59.2	61.2	57	59.2	56.7	54.4	53.1
2023-Apr-28	46	63.9	60.5	61.4	62.2	59.3	59.2	62.1	57.7	60.3	53.7	50.5	50.9
2023-Apr-29	34	62.4	59.2	59.5	61.1	59	56.9	60	57.2	56.8	52.2	46.8	50.8
2023-Apr-30	35	63.1	59.6	60.6	62.5	59.7	59.2	60.8	58.4	57.2	51.6	36.3	51.5



Monthly Trend - April 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-Apr-01	32	61.6	56.3	60.2	59.7	54.1	58.3	58	51.9	57	53	48.2	51.3
2023-Apr-02	36	61.5	57.1	59.6	59.5	56.3	56.7	57.6	53.5	55.4	53	47.3	51.7
2023-Apr-03	28	63.3	56.7	62.6	61.1	54.4	60.6	61.2	57	59.5	53.8	43.3	53.6
2023-Apr-04	39	63.9	58.9	62.5	60.7	54.4	59.8	60.4	56.7	58.2	55.9	50.8	54.6
2023-Apr-05	50	63	58.5	61.3	60.5	55.9	58.8	58.9	55.5	56.5	55	49.9	53.4
2023-Apr-06	42	62.8	58.1	61.2	60.1	55.4	58.4	59.3	56	56.8	54.4	48.7	53.1
2023-Apr-07	36	63.4	59	61.5	60.6	54	59.7	60.3	55.8	58.5	54.9	51.4	52.4
2023-Apr-08	36	62.5	58.2	60.6	59.8	53.1	58.9	59.6	57	56.3	53.9	49.6	52
2023-Apr-09	26	61.9	54.4	61.1	59.4	53.3	58.3	58.7	55	56.4	53.3	0	53.3
2023-Apr-10	35	62.9	56.1	62	60.9	55.4	59.6	58.9	51.7	58.1	54.5	46.6	53.8
2023-Apr-11	56	63.9	60.5	61.4	61.1	56.3	59.5	59.2	54.9	57.3	56.1	53.4	52.9
2023-Apr-12	25	62	53.9	61.2	61.1	54.2	59.9	58.7	53.4	57.4	52.2	0	52.2
2023-Apr-13	39	63.4	58	62.1	60.4	54	59.3	59	51.1	58.5	55.7	51.2	53.8
2023-Apr-14	22	62	54.4	61.1	61.5	52.9	60.5	58.9	51.2	58.1	51.9	45.3	50.8
2023-Apr-15	28	62.5	55.8	61.6	63.2	53	62.8	58	54.4	55.6	50.9	45.9	49.3
2023-Apr-16	38	62.7	59.1	60.3	62.6	57.9	60.9	59.1	56.8	55.3	52	48.9	49.1
2023-Apr-17	35	61.4	54.3	60.6	59.8	55.2	58.2	58.9	53	57.7	51.7	0	51.7
2023-Apr-18	43	63.1	59.1	61.1	60.7	55	59.6	56.9	51.2	55.6	55.6	52.4	52.9
2023-Apr-19	52	62.9	58.6	61.1	60.9	55.9	59.4	59.9	56.5	57.5	53.9	49.4	52.2
2023-Apr-20	41	62.6	57.8	61	60.8	56.4	59	61.3	57.4	59.1	51.9	44.4	51.1
2023-Apr-21	29	62.6	54.6	62	60.8	54.4	59.8	61.5	54.3	60.7	51.4	0	51.5
2023-Apr-22	37	62.7	58.7	60.6	59.3	54.1	57.9	60.8	57.4	58.1	53.9	49.9	51.8
2023-Apr-23	44	63.4	58.8	61.7	60.3	53.8	59.2	60.3	57.2	57.6	55.2	50.4	53.5
2023-Apr-24	32	63.2	56.2	62.4	61.6	55.5	60.6	60.5	54	59.4	53.8	45	53.3
2023-Apr-25	33	62.7	57.2	61.3	62.4	58.7	60.2	58.3	54.8	55.7	52.7	0	52.7
2023-Apr-26	42	63.2	58.8	61.3	60.8	55	59.6	60.3	55.6	58.7	54.4	50.9	51.9
2023-Apr-27	51	63	59.6	60.4	60.7	56.6	58.9	58.9	54.4	57.2	54.7	52.2	51.3
2023-Apr-28	46	62.5	57.9	60.8	61.1	57.4	58.9	59.6	54	58.3	52.9	48.1	51.3
2023-Apr-29	31	61	56.1	59.3	59.6	55.4	57.6	57.4	54.3	54.6	51.8	44.3	51
2023-Apr-30	35	61.7	56.1	60.4	60.4	56.5	58.2	58.9	54.6	57	52	31.9	52

Monthly Trend - April 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-Apr-01	30	61.5	55.6	60.3	59.8	55.3	58	57.9	50.1	57.2	52.6	46.3	51.5
2023-Apr-02	34	59.9	54.9	58.3	57.1	53.5	54.7	55.9	51.2	54.2	51.9	45.8	50.7
2023-Apr-03	28	63	58.2	61.4	60.8	55.9	59.1	61.8	57.5	59.9	52.7	47.3	51.3
2023-Apr-04	38	63.2	56.6	62.3	60.2	52.4	59.5	59.3	54.4	57.9	55.2	48.2	54.4
2023-Apr-05	46	61.8	56.3	60.5	59.6	53.5	58.4	57.6	53.4	55.7	53.6	47.8	52.3
2023-Apr-06	40	61.4	56	60	59.5	52.7	58.6	57.7	54.1	55.4	52.7	47	51.4
2023-Apr-07	33	61.6	56.7	60	59.9	51.8	59.3	57.7	53.4	55.8	52.9	49.2	50.5
2023-Apr-08	37	61.6	57.7	59.3	60.9	56.8	58.7	57.5	55	54.1	52	47.5	50.2
2023-Apr-09	27	61.4	56	60	61.3	57.2	59.2	57.5	54.2	54.8	51.1	0	51.1
2023-Apr-10	35	62.8	56.9	61.6	61	56.6	59.1	60.6	55.1	59.2	53.1	44.2	52.6
2023-Apr-11	54	62.8	58.4	61.1	59.6	54.1	58.3	58.1	53.2	56.5	55.3	51.4	53.3
2023-Apr-12	22	61	51.4	60.4	60.3	51.8	59.5	57.1	50.8	56.1	51.2	0	51.3
2023-Apr-13	36	64.5	60.9	62	57.9	52	56.7	58.4	52.9	57.1	58	55	55.1
2023-Apr-14	23	62.9	54.8	62.1	61.6	55.8	59.9	62	48.8	61.8	50.9	43.6	50
2023-Apr-15	28	57.8	53.3	55.9	56.1	50.7	54.6	55.2	51.6	52.7	48.3	43.8	46.3
2023-Apr-16	37	59.2	56.5	55.9	58	55.7	54.3	56.7	54.2	53	49	45.6	46.5
2023-Apr-17	37	62.2	58.2	60	61.7	59	58.5	60.8	56.9	58.6	48.8	0	48.8
2023-Apr-18	42	62.8	58.9	60.7	63	58.5	61.2	55.8	52.6	53	53.4	49.8	50.9
2023-Apr-19	50	61.7	56.4	60.3	60.3	53.6	59.4	58.8	54.5	56.9	52	47.1	50.4
2023-Apr-20	39	61.3	55.6	60.1	60.7	54.5	59.6	58.7	54.8	56.6	50.6	42.8	49.8
2023-Apr-21	27	60.8	52.5	60.2	60.5	52.8	59.9	58.6	51.9	57.6	48.7	0	48.7
2023-Apr-22	37	64.1	61.7	60.5	58.2	53.7	56.2	62.6	60.9	57.7	56	53.3	52.6
2023-Apr-23	42	65	62.2	61.9	61.4	56.7	59.6	62	60.4	56.9	57	53.9	54.1
2023-Apr-24	31	63.4	57.1	62.2	61.4	54.8	60.5	60.1	53.3	59.1	54.5	48.8	53.2
2023-Apr-25	24	61.4	53.9	60.6	61.2	54.9	60.1	57.8	52.4	56.4	50.8	0	50.8
2023-Apr-26	37	62.3	56.7	61	60	52.6	59.3	58.5	53.7	56.9	53.8	48.7	52.3
2023-Apr-27	43	62.1	57.5	60.3	60	53.8	58.9	57.3	52.3	55.8	53.9	50.3	51.5
2023-Apr-28	42	61.5	55.4	60.4	60.5	54.5	59.4	57.1	51.4	55.8	52.4	46.1	51.3
2023-Apr-29	29	58.6	53.6	57	57	53	54.9	54.4	51.3	51.5	49.9	42.7	49
2023-Apr-30	35	59.6	54.5	58.1	58.9	55.3	56.5	56.2	52.2	54.1	49.6	26.5	49.6

Monthly Trend - April 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-Apr-01	16	57.3	47.9	56.8	56.6	50.6	55.5	54.8	0	54.8	46.5	32	46.3
2023-Apr-02	4	56.8	36.4	56.8	55.2	34.7	55.3	54.8	0	54.8	46.5	29.4	46.4
2023-Apr-03	26	61	53	60.5	59	51.1	58.6	58.6	51.7	57.9	51.7	42.4	51.2
2023-Apr-04	11	62	42.8	62.2	63.8	44.7	64	56.1	35.6	56.2	47.1	28.2	47
2023-Apr-05	6	58.8	34.7	58.9	58.1	35.6	58.3	54.9	33.3	54.9	49.2	0	49.1
2023-Apr-06	7	59	39.7	59.1	57.8	36.1	58.1	53.6	30.5	53.6	50.5	33	50.4
2023-Apr-07	3	58.5	36.4	58.7	58.9	39	59.2	54.5	28.1	54.6	47	0	47
2023-Apr-08	34	58.8	50.9	58.1	58.9	53.6	57.6	52.9	35.7	52.9	48.9	33.2	48.8
2023-Apr-09	33	57.4	51	56.3	57.9	53.5	56.1	52.7	44.5	52	46.1	0	46.1
2023-Apr-10	41	60.1	53.2	59.1	58.6	51.9	57.8	56.6	53.7	53.5	50.9	34	50.8
2023-Apr-11	5	56.9	34.9	57	56.9	32.6	57.1	52.7	36.2	52.7	46.5	0	46.5
2023-Apr-12	2	57.6	29.9	57.6	56.3	27.7	56.2	52.6	31.2	52.6	49.1	0	49.1
2023-Apr-13	19	60.9	56	59.2	56.4	42.1	56.3	55	46.9	54.2	54	50.4	51.6
2023-Apr-14	17	57.1	49	56.2	56.9	51.4	55.2	54.4	43	54.1	45.5	0	45.4
2023-Apr-15	3	54.4	30.9	54.4	52.3	28.5	52.3	51.6	32.2	51.5	45.5	0	45.4
2023-Apr-16	11	53.7	46.6	52.7	53	49.3	50.7	50.2	32.6	50.2	43.6	28.9	43.4
2023-Apr-17	39	58.7	53.1	57.4	58.1	54.4	55.8	56.7	50.9	55.4	47.3	0	47.3
2023-Apr-18	42	60	52.4	59.3	59.8	54.6	58.5	55	46.6	54.4	50.3	30.8	50.2
2023-Apr-19	11	58.2	45.1	58.2	57.8	39.1	58	55.7	47.1	55.2	47.1	25.9	47.1
2023-Apr-20	11	58.8	39.4	58.9	58.2	38.8	58.4	54	33.2	54	49.6	30.7	49.5
2023-Apr-21	6	58.4	36.6	58.6	58.3	35.3	58.6	56.2	37.3	56.2	46.3	0	46.2
2023-Apr-22	29	61.2	56.7	59.4	58.1	47.1	58	57.9	55.9	53.5	53	48.5	51.2
2023-Apr-23	46	61.4	58.2	58.6	58.4	52.2	57.2	57.8	55.6	54	53.3	50.6	50
2023-Apr-24	22	61.9	53.6	61.4	61.6	48.2	61.9	58.3	46.6	58.4	51.5	47.1	48.4
2023-Apr-25	7	58.7	40.4	58.9	58.8	41.8	59.1	55.8	38	55.8	46.9	0	46.9
2023-Apr-26	7	58.2	42.4	58.3	58.8	37.3	59.1	54.7	44	54.5	46	26	45.9
2023-Apr-27	10	58.2	41.8	58.3	58.6	36	58.9	54.1	33.2	54.1	46.9	35.6	46.6
2023-Apr-28	7	58.5	38.7	58.7	59	38.5	59.4	53.9	0	54	47.2	30.6	47.1
2023-Apr-29	6	64.7	34.1	64.9	56.3	35.7	56.4	55.9	31.5	55.4	58.9	0	59
2023-Apr-30	14	56.1	45.1	55.8	54.6	47.7	53.7	53.8	0	53.8	46.2	0	46.2



Monthly Trend - April 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-Apr-01	15	52.2	45.4	51.2	52.4	48.4	50.2	46.6	0	46.6	42.2	0	42.2
2023-Apr-02	0	49.4	0	49.4	46.8	0	46.8	45.1	0	45.1	41.3	0	41.3
2023-Apr-03	21	57.5	50.8	56.5	55.9	48.8	55	54.5	49.3	52.9	48.3	40.4	47.5
2023-Apr-04	1	53.5	27.1	53.6	54.5	30.1	54.6	47	0	47	42.4	0	42.4
2023-Apr-05	0	52.8	0	52.8	53.6	0	53.7	46.3	0	46.3	42	0	42
2023-Apr-06	0	53.7	0	53.7	54.3	0	54.4	45.8	0	45.8	43.6	0	43.6
2023-Apr-07	1	51.6	32.8	51.5	51.9	35.8	51.9	45.6	0	45.6	41.5	0	41.5
2023-Apr-08	32	53.1	48.5	51.2	54.3	51.5	50.9	46.4	0	46.4	41.5	0	41.5
2023-Apr-09	33	53.5	49.4	51.4	54.7	51.8	51.4	47	42.7	44.9	42	0	42
2023-Apr-10	31	54.8	50.1	53	54.4	49.7	52.6	52.7	50.2	49	43.1	0	43
2023-Apr-11	0	55.3	0	55.4	56.2	0	56.3	46.8	0	46.8	45	0	45
2023-Apr-12	0	51.8	0	51.8	51	0	51	46.3	0	46.3	43.1	0	43.1
2023-Apr-13	19	57.4	54.1	54.7	53.2	40.7	53.1	50	46.1	47.8	50.7	48.4	46.8
2023-Apr-14	16	52.9	46.1	51.7	54.2	48.5	52.7	46.6	39.9	45.5	40.3	0	40.3
2023-Apr-15	0	47.3	0	47.3	44.9	0	44.9	43.7	0	43.7	38.9	0	38.9
2023-Apr-16	4	47.8	38.4	47.2	46.9	41.4	45.5	43.5	0	43.5	38.5	0	38.5
2023-Apr-17	42	55	51	52.7	54.5	52	50.8	53.7	49.5	51.5	42	0	42
2023-Apr-18	40	53.9	49.7	51.8	55.4	51.9	52.9	48.5	44.9	46	39.8	0	39.8
2023-Apr-19	4	52.5	40.9	52.2	52.6	32.9	52.6	49.5	43.3	48.3	40.6	0	40.6
2023-Apr-20	0	52.9	0	53	53.7	0	53.9	46.4	0	46.4	42.3	0	42.3
2023-Apr-21	0	57.8	0	58	60.4	0	60.6	47.2	0	47.1	39.8	0	39.8
2023-Apr-22	27	56.2	53.7	52.5	49.9	44.2	48.5	54.6	53.3	48.9	48.1	45.2	44.9
2023-Apr-23	44	58.2	55.6	54.7	54	49.9	51.8	54.8	53.5	49	50.5	47.7	47.3
2023-Apr-24	21	56.3	51	54.8	54.9	46.3	54.3	53.1	46.5	52	47.1	43.9	44.2
2023-Apr-25	2	53.1	33.8	53.1	54.3	36.8	54.3	47.4	0	47.3	40.7	0	40.7
2023-Apr-26	0	53.1	0	53.2	54.5	0	54.6	46.5	0	46.5	40.7	0	40.7
2023-Apr-27	0	53.6	0	53.6	53.8	0	53.9	45.7	0	45.7	44.1	0	44.1
2023-Apr-28	0	58.2	0	58.5	60.9	0	61.1	46.4	0	46.4	39.7	0	39.7
2023-Apr-29	0	50.3	0	50.3	50.7	0	50.7	45.2	0	45.2	39.6	0	39.6
2023-Apr-30	10	49.7	42.7	48.8	50.1	45.4	48.3	44.9	0	44.9	38.7	0	38.7

Monthly Trend - April 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-Apr-01	25	81.1	69.6	81.3	76.2	63.9	76.9	79.5	61.5	78.3	72.6	63.3	73.6
2023-Apr-02	41	80.8	69.3	82	76.4	67.1	77.1	77.3	66	77.7	73.3	60.7	74.8
2023-Apr-03	24	77	62.6	77.7	72.4	58.7	73.1	69.5	43.3	69.6	70.5	56.3	71.2
2023-Apr-04	26	86	71.3	86.2	80.2	61.8	80.2	81.3	67.8	81.4	79.1	64.6	79.5
2023-Apr-05	23	81.7	66.9	81.9	82.6	68.3	82.7	74.7	62.5	74.9	70.8	52.5	71.2
2023-Apr-06	34	80.8	68.2	81.3	78.1	66	78.3	74.7	62.5	75.4	73.4	60.4	73.9
2023-Apr-07	17	77.8	59.9	79	72.6	59.5	72.8	68.9	42.8	69.1	71.5	51.9	72.9
2023-Apr-08	27	82.2	66.3	83	76.8	64.3	77.7	71.5	55.4	71.8	76.1	59.2	76.8
2023-Apr-09	45	83.8	69	84.7	78.7	68.5	79	79.2	66.8	79.6	76.8	57.7	78
2023-Apr-10	29	79.6	66.7	81.2	78	64.1	80.3	71.9	58.5	72.5	71.8	59.6	73.1
2023-Apr-11	28	82	69.9	82.8	80.9	69.9	80.9	77.2	65.4	78	73.2	59.6	74.6
2023-Apr-12	30	87.7	69.6	88.6	90.2	69.4	91.3	75.1	62.1	75.7	71	60.7	71.2
2023-Apr-13	29	80.6	65.7	82.2	74.9	62	75.4	74.7	59.4	75.6	74	58.6	75.9
2023-Apr-14	22	83.2	67.7	83.7	84.8	66.8	85.4	76.5	66.8	77	69.7	54.5	70.3
2023-Apr-15	25	79.2	66.5	79.8	78.6	68.6	78.8	70.8	54.6	71	70.9	52.8	71.8
2023-Apr-16	46	81.2	71.6	82.3	75.5	67	75.8	72.9	64.7	72.9	74.9	65	76.3
2023-Apr-17	38	82.1	77.3	81.5	77.5	63.3	78.3	77.1	61.2	77.9	75.1	71.9	73.5
2023-Apr-18	37	78.3	66.8	78.7	75.8	63.8	76.2	70.8	59.6	71	71.1	59.7	71.4
2023-Apr-19	16	74.6	61.1	74.8	75.5	64	75.7	62.9	0	62.9	64.9	41.8	65
2023-Apr-20	45	81.4	68.6	82.3	75.5	62.8	75.8	75.4	64.1	76	74.9	61.7	75.9
2023-Apr-21	30	76	65.9	76.1	77.6	68.4	77.8	69	60	68.6	63.6	0	63.6
2023-Apr-22	19	73.8	60.3	74.1	74.4	63	74.9	69	49.6	69.2	62.6	40	62.6
2023-Apr-23	24	74.4	60	74.7	74.1	61.5	74.5	70.5	57.6	70.6	64.2	0	64.3
2023-Apr-24	37	77.4	66	77.6	73.5	64.9	73.4	69.4	54.6	69.5	70.7	58.3	71.1
2023-Apr-25	39	77.8	66.4	77.8	77.5	66.4	77.6	71	60.4	70.9	68.9	57	68.8
2023-Apr-26	51	80.7	68.9	80.9	78	68.5	78	78.2	68	78.4	71.8	54.3	72.3
2023-Apr-27	39	80.8	68.7	80.8	79.4	67.1	79.5	78	63.6	78.2	71.1	60.4	70.8
2023-Apr-28	38	76.5	65.5	76.5	77.1	66.8	77.2	71.4	61.4	71.3	65.4	51.4	65.4
2023-Apr-29	30	75.7	66.8	75.5	75.9	67.8	75.6	66.9	56.1	66.6	66.7	56.7	66.6
2023-Apr-30	26	75.9	70.2	74.8	76	71.7	74.3	72.3	66.3	71.4	64.3	0	64.5



Monthly Trend - April 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-Apr-01	21	57.1	52.3	55.3	51.3	43	50.6	53.7	0	53.8	49.9	46.8	46.7
2023-Apr-02	19	55.6	47.7	54.9	52	46	50.8	48.8	40.3	48.2	48.6	40.1	48
2023-Apr-03	32	56.4	50.7	55.2	52.8	46.3	51.8	52.7	45.4	51.9	49.1	44.1	47.5
2023-Apr-04	10	56.6	39.7	56.5	53.1	42.3	52.8	51.1	0	51.1	49.1	26.1	49.1
2023-Apr-05	0	55.4	0	55.4	53.5	0	53.5	49.7	0	49.7	47.2	0	47.3
2023-Apr-06	5	55.1	44	54.7	52.9	28.3	52.8	48.4	0	48.4	47.5	38.7	46.9
2023-Apr-07	14	54.6	47.6	53.7	52.4	42.6	52	50.1	38.2	49.8	46.5	41.3	44.9
2023-Apr-08	38	55.8	52.3	53.3	54.5	50.8	52.4	46.4	0	46.4	48.1	45.2	45
2023-Apr-09	48	54.9	51.4	52.4	53.9	51.8	50	47.9	43.6	45.9	46.6	41.7	45
2023-Apr-10	41	56.3	52.6	53.9	54.6	51.8	51.5	51.7	48	49.6	47.7	43.4	45.7
2023-Apr-11	2	55.8	40.8	55.7	53.4	24.8	53.4	50.2	0	50.2	48.1	35.5	47.9
2023-Apr-12	13	57.6	49.1	56.7	56.9	34.5	56.3	51.1	0	51.1	49	43.8	47.5
2023-Apr-13	29	55.9	52.6	53.3	51.9	44	51.2	49.2	39.2	48.8	49.1	47	45.1
2023-Apr-14	20	56.8	48.8	56.1	57.1	44.3	56.9	48.7	37.1	48.5	47.5	42.5	45.9
2023-Apr-15	16	54	48.9	52.4	50.2	41.8	49.6	47.2	39	46.5	47.1	42.9	45
2023-Apr-16	21	55.5	51.8	53.1	52.6	46.5	51.4	49.9	44.8	48.3	48.1	45.4	44.8
2023-Apr-17	50	55.9	51.4	54.1	54.8	49.3	53.5	50.2	45.2	48.6	47.4	43.6	45.2
2023-Apr-18	40	55.1	49.6	53.7	54	49.6	52.2	49.4	44.3	47.9	46.5	39.7	45.6
2023-Apr-19	5	54.9	44.6	54.5	52.4	40	52.2	48.7	36.9	48.4	47.4	38.1	46.9
2023-Apr-20	11	56.5	44.6	56.3	53.1	38	53.1	49.6	37.8	49.4	49.5	38.3	49.2
2023-Apr-21	14	55.6	48.7	54.6	53.2	37.6	53.1	48.6	42.3	47.5	48.2	42.7	46.8
2023-Apr-22	39	56.1	51.4	54.4	53.3	46.9	52.3	51.5	48.1	49	48.2	43.7	46.3
2023-Apr-23	48	56.2	50.8	54.8	55.8	49.5	54.7	50.8	46.6	48.8	46.9	41.9	45.4
2023-Apr-24	23	55.9	51.2	54.3	53.5	42.8	53.2	50.7	44.4	49.6	48.1	44.9	45.4
2023-Apr-25	18	55.7	48.2	55	53.2	44.5	52.6	50	41.6	49.4	48.2	41.3	47.3
2023-Apr-26	4	55.3	35.9	55.2	52.9	38.9	52.7	49.9	0	49.9	47.5	0	47.5
2023-Apr-27	6	55.4	44.6	55	51.5	31.2	51.4	50.2	0	50.2	48.2	39.3	47.6
2023-Apr-28	16	55.2	49.9	53.7	52	40.8	51.7	48.6	36.6	48.3	48	44.2	45.8
2023-Apr-29	22	54.8	48	53.8	51.8	42.8	51.3	49	41.8	48.2	47.4	41.3	46.2
2023-Apr-30	10	53.1	42.3	52.7	51.3	42.5	50.7	47	0	47	45.7	34.3	45.4

Monthly Trend - May 2023

Monitor W1: 920m west of RWY 09

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-May-01	36	64.9	60.2	63.1	65.2	60.6	63.4	63	59.2	60.7	50.7	40.8	50.3
2023-May-02	35	68.4	64.8	66.1	66.6	60.2	65.5	64.5	61.9	61.2	59.8	57	56.7
2023-May-03	45	67.7	63.6	65.6	64.7	60.9	62.4	66.1	63	63.2	58.4	52.6	57.1
2023-May-04	30	66.5	62.4	64.4	65.3	58.6	64.3	63.8	58.2	62.4	56.6	54.9	51.8
2023-May-05	46	66.4	62.3	64.2	67.2	63	65.1	62.8	59.1	60.4	53.4	49.2	51.4
2023-May-06	28	65.5	60.5	63.8	65.7	60.8	63.9	62.3	57.3	60.5	53.9	48.7	52.4
2023-May-07	36	67.4	63.4	65.1	63.2	59.6	60.7	64.1	60.3	61.9	59.6	55.5	57.5
2023-May-08	47	63.5	61	60	64	61.1	60.8	61.9	60.7	55.9	47.6	0	47.6
2023-May-09	29	67.5	62.5	65.9	64.4	60.4	62.2	63.8	57.5	62.7	59.5	54.4	57.9
2023-May-10	33	67.5	64.2	64.8	64.1	59.9	62.1	63.7	58.8	61.9	59.7	57.1	56.2
2023-May-11	46	68	64.7	65.3	64.4	61.3	61.6	63.1	60.3	59.8	60.7	57.2	58.2
2023-May-12	33	67.6	63.4	65.6	65.2	57.9	64.2	64.2	59.5	62.4	59.2	56.3	56.2
2023-May-13	29	66.7	62.2	64.9	61.2	58.8	57.4	64.1	59.3	62.3	59.2	54	57.7
2023-May-14	50	69.5	65.8	67	65.4	62.4	62.5	65.7	59.9	64.4	61.9	58.6	59
2023-May-15	35	67.7	64.3	65	64.7	59.3	63.3	64.6	60.3	62.6	59.4	57.2	55.3
2023-May-16	32	67.8	63.6	65.6	64	58.6	61.9	63.5	59.2	61.6	60.2	56.4	57.8
2023-May-17	36	65	61.8	62.2	65.4	62.2	62.6	62.8	59.4	60.2	51.1	48.6	47.5
2023-May-18	38	65	61.5	62.6	63	57.9	61.5	62.8	59.6	60	55.5	52.6	52.3
2023-May-19	52	65.4	62.3	62.4	66.1	63.1	63.1	63.4	60.9	59.8	48.7	40.1	48.1
2023-May-20	24	65	60.8	63	63.4	58.5	61.6	63.7	59.2	61.8	54.1	50.7	51.4
2023-May-21	42	68.8	65.8	65.9	64.9	60.8	62.8	62.8	58.1	61	61.9	59.3	58.3
2023-May-22	22	65.2	60.1	63.4	64.1	57.9	62.5	63.5	60.5	60.5	53.9	45.3	53.4
2023-May-23	29	65.7	63.2	62.1	64.9	59.6	63.3	60.4	56.9	57.9	56.8	56.2	48.1
2023-May-24	37	66	62.6	63.3	63.3	60	60.5	63.2	57	62.1	57.3	55	53.2
2023-May-25	39	65.5	62.6	62.5	63	60.2	59.7	65	60.5	63.1	54.4	53.2	48.3
2023-May-26	49	65.2	61.5	62.9	64.9	62.5	61.3	63.7	60	61.2	52.3	0	52.3
2023-May-27	20	63.7	60.3	61.1	63	59.7	60.2	61.9	55.4	60.9	52.2	50.9	46
2023-May-28	30	65.6	62.1	63.1	63	59.2	60.7	64.7	59.9	63	55	53	50.6
2023-May-29	36	64.6	61.2	61.9	64.7	60.5	62.5	63	60.6	59.2	50.4	46.7	47.9
2023-May-30	34	67.5	64.5	64.5	64.1	60.1	61.8	62.5	55.8	61.4	60.2	58	56.1
2023-May-31	34	63.8	60	61.5	63.8	60.5	61.1	62.3	58.2	60.2	46.3	0	46.3

Monthly Trend - May 2023

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

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-May-01	30	63.7	56.7	62.8	63	57	61.8	61.2	55.9	59.8	52.9	34.9	52.9
2023-May-02	36	66.1	61.2	64.6	62.6	56.8	61.5	61.8	57.4	59.9	58.5	53.8	57
2023-May-03	40	64.5	60	62.7	62.2	57.4	60.6	62.6	59.3	59.9	55	49.3	53.7
2023-May-04	33	64.4	60.6	62	62.6	55.5	61.7	60.7	55.6	59.2	55.6	53.7	51.1
2023-May-05	46	65.5	61.4	63.5	64.7	61.6	61.8	63.3	58.4	61.7	54.7	49.4	53.3
2023-May-06	28	63.7	58.9	62	62.3	58.2	60.1	60.9	55.9	59.3	54	48.4	52.6
2023-May-07	35	64.9	60.4	63.1	62.3	58.3	60	61.9	56.7	60.4	56.4	51.7	54.6
2023-May-08	45	63.2	60.7	59.9	63.3	60.6	60	62	60.5	57.1	47.7	0	47.7
2023-May-09	35	65.3	60.1	63.9	63.2	57.6	62	61	54.1	60	57.4	52.9	55.6
2023-May-10	35	65.1	60.2	63.5	61.9	56.2	60.7	60.8	55.5	59.4	57.4	53	55.6
2023-May-11	49	66.4	61.6	65	63.4	57.9	62.5	61.5	56.7	59.8	58.8	54.3	57.2
2023-May-12	29	65.1	59.9	63.7	62.2	54.4	61.5	62.1	55.7	61.1	56.7	52.8	54.6
2023-May-13	30	64.7	60.2	62.8	60.3	57.5	57.2	61.6	56.9	59.9	56.9	51.9	55.3
2023-May-14	52	66	62.2	63.7	62.2	58.8	59.5	62	56.3	60.7	58.4	54.9	55.8
2023-May-15	36	65.4	61	63.6	62.2	55.9	61.4	62.8	58.6	61	56.8	53.1	54.5
2023-May-16	38	64.5	60.6	62.4	61.9	55.6	60.8	60.2	54.9	58.9	56.6	53.8	53.3
2023-May-17	34	63.6	59.8	61.4	62.8	57.6	61.4	62.1	59	59.3	51.8	48.9	48.7
2023-May-18	38	65.3	61.5	62.9	62.7	57	61.4	63.1	59.8	60.4	56.1	53.1	53.1
2023-May-19	52	63.8	60.6	61.1	63.9	61.4	60.2	62.6	59.3	59.9	48.4	0	48.4
2023-May-20	28	62.6	58.2	60.8	60.3	55.4	58.6	61.4	58	58.8	52.4	46.7	51.1
2023-May-21	40	65.6	62.1	63.1	61.9	57	60.2	59.5	54.2	58	58.5	55.6	55.5
2023-May-22	25	62.7	57.3	61.1	61.5	55.4	60	60.7	57.7	57.6	52.1	42.3	51.6
2023-May-23	29	64.3	62.2	60.2	61.6	57	59.7	60.5	57.3	57.7	56.2	55.3	49
2023-May-24	39	63.6	59.9	61.3	61.8	58.2	59.3	61.2	55.6	59.9	54.1	51.3	51
2023-May-25	39	64	61.1	61	62.1	58.8	59.4	62.2	57.7	60.4	53.9	52.5	48.7
2023-May-26	49	64.5	60.7	62.1	64.2	62.1	60	61.9	58.3	59.5	53	0	53
2023-May-27	22	63.6	59.7	61.3	61.1	58	58.2	62.9	55	62.3	52.6	51.4	46.2
2023-May-28	33	64.3	61.5	61.2	61.5	58.1	58.8	61.8	57.9	59.7	55.6	53.6	51.3
2023-May-29	36	63.2	59.3	60.9	63.3	58.4	61.6	61.1	58.8	57.4	50.1	45.5	48.3
2023-May-30	37	64.5	60.8	62.1	61.3	56.8	59.5	60	53	59.2	56.8	54.1	53.5
2023-May-31	32	63.4	59.2	61.4	62.2	59.1	59.3	62.9	58.3	61.2	47.7	0	47.7



Monthly Trend - May 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-May-01	29	62	54.1	61.3	61.2	54.7	60.2	59	53.2	57.8	51.7	0	51.8
2023-May-02	40	64.2	59.4	62.8	61.4	53.8	60.7	59.7	55	58.1	56.5	52.4	54.6
2023-May-03	45	63.7	58	62.5	61.5	55.4	60.7	61.6	57.5	59.6	54.1	46.8	53.3
2023-May-04	40	63.7	58.9	62.1	61.4	54	60.8	60.9	54.3	59.9	54.8	51.8	51.9
2023-May-05	44	63.9	58.9	62.4	63.1	59.1	61.1	60.8	54.8	59.6	53.9	48.1	52.6
2023-May-06	32	62.5	57	61.1	61.1	56.8	59.2	59.5	54.4	58	52.9	45.4	52.1
2023-May-07	34	63.1	57.6	61.7	59.6	54.6	58	59.7	54.1	58.4	55.1	49.5	53.8
2023-May-08	45	61.8	57.2	60	61	57.3	58.8	59.8	56.9	56.9	50.3	0	50.3
2023-May-09	37	64	58.1	63	61	54.6	60.1	59.8	52.2	59	56.3	50.9	54.9
2023-May-10	34	63.7	57.7	62.6	61.3	53.7	60.8	59.8	53.3	58.8	55.5	50.4	53.9
2023-May-11	45	64.3	58.8	63.1	61.7	55.4	61	59.6	54.4	58.2	56.5	51.2	55.1
2023-May-12	39	63.8	58.4	62.4	61.4	53.2	61	59.9	53.3	58.9	55.4	51.6	53.3
2023-May-13	32	62.8	58.2	61	58.8	53.9	57.2	59.6	54.1	58.2	54.9	50.8	52.9
2023-May-14	56	64.4	60.2	62.4	61.3	57.1	59.5	60.4	53.9	59.4	56.5	52.9	54
2023-May-15	44	63.4	58.2	61.9	60.8	54.3	59.9	60.1	55.8	58.1	54.9	49.9	53.3
2023-May-16	44	63.3	58.1	61.8	60.8	53.7	60	59.1	52.4	58.1	55.2	51.2	53.1
2023-May-17	41	62.4	57.6	60.9	61.2	55.6	60.1	60.4	56.6	58.3	51.8	46.7	50.3
2023-May-18	35	63.6	59	61.9	61.1	54.1	60.2	61.1	56.4	59.3	54.7	51.1	52.2
2023-May-19	50	63	57.5	61.8	62.7	58	61.1	60.4	56.7	58.2	51.7	0	51.8
2023-May-20	35	61.9	56.8	60.5	59.2	53.2	58.1	60.1	57.3	57.1	52.6	44	51.9
2023-May-21	43	63.9	59.6	62	60.3	54.7	59	59.2	51.6	58.5	56.5	53.2	53.8
2023-May-22	29	61.5	55.5	60.3	60.5	54.2	59.3	59.1	54.5	57.4	51.1	43.3	50.4
2023-May-23	32	62.9	59.7	60.2	60.2	53.3	59.3	58.1	52.6	56.8	55.2	53.4	50.4
2023-May-24	39	62.2	57.3	60.6	60	54.9	58.5	59.2	52.7	58.1	53.3	49.3	51.3
2023-May-25	39	62.9	58.8	61	60.7	56	59.1	60.6	55	59.3	53.7	50.6	50.8
2023-May-26	47	62.9	57.6	61.5	61.9	58.5	59.4	60.3	56.2	58.3	52.7	0	52.8
2023-May-27	24	61.6	57.8	59.3	59.9	56	57.7	59	53.3	57.7	52.1	49.4	48.8
2023-May-28	37	62.2	58	60.2	59.4	55.6	57.1	60	55.9	57.9	53.4	48.8	51.6
2023-May-29	38	61.9	56.8	60.4	61.5	55.4	60.4	59.1	56	56.2	51.1	44.6	50
2023-May-30	40	63.4	58.4	61.9	60.5	54.3	59.4	59	50.5	58.5	55.6	51.8	53.4
2023-May-31	32	62.1	56.2	60.9	61.2	56.1	59.9	60.6	55.2	59.3	49.1	0	49.1

Monthly Trend - May 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-May-01	32	61.7	57.3	59.8	61.2	57.6	58.8	60.5	56.8	58.2	48.5	0	48.5
2023-May-02	40	65.7	62.9	62.6	63.6	57.8	62.3	61.7	58.6	58.8	57.4	55.8	52.1
2023-May-03	43	65.9	61.6	64.1	64.7	59.3	63.5	64	60.7	61.3	55.3	50.7	53.4
2023-May-04	42	65.1	61.2	63	63.6	57.6	62.6	63.2	59	61.2	54.9	52.7	50.9
2023-May-05	44	63	57.5	61.7	63.5	58.5	62	58.2	51.7	57.3	52.1	46.2	50.8
2023-May-06	33	62.4	57	61	61.5	57.2	59.6	59.2	55	57.1	52.5	43.1	52
2023-May-07	35	64.3	60.8	61.7	57.1	51.9	55.5	61.1	58	58.1	57.2	53.8	54.6
2023-May-08	44	59.2	54.7	57.3	58.4	54.7	56	57.6	54.4	54.8	47.3	0	47.3
2023-May-09	39	65.9	62.3	63.5	63.4	58.5	61.9	61.9	56.4	60.5	57.8	55.3	54.3
2023-May-10	35	65.3	61.6	62.9	62.9	57.9	61.3	61.3	56.7	59.4	57.1	54.3	53.9
2023-May-11	45	65.9	62.9	62.9	62.7	58.9	60.4	61.3	58	58.6	58.2	55.6	54.8
2023-May-12	38	65.6	62.3	63	63.4	57	62.3	61.6	57.2	59.7	57.3	55.4	52.9
2023-May-13	32	64.1	61.5	60.8	57.2	52.8	55.3	61.5	58.9	58.1	56.7	54.3	53.1
2023-May-14	53	67	63.7	64.2	62.9	59.6	60.1	63.6	57.9	62.3	59.3	56.7	55.7
2023-May-15	43	65.1	62	62.3	62.9	58.2	61.2	61.7	59	58.4	56.6	53.9	53.1
2023-May-16	44	65.3	62.3	62.3	62.8	57.6	61	60.5	56.1	58.6	57.5	55.5	53.2
2023-May-17	40	64	59	62.5	63.6	59.4	61.7	61.3	56.9	59.4	53	45.2	52.3
2023-May-18	32	63.3	57.1	62.2	61	53.7	60.2	58.6	54.2	56.8	55.2	49	54.2
2023-May-19	49	62.9	57.6	61.5	63.5	57.4	62.4	60.4	57.6	57.2	48.9	0	48.9
2023-May-20	33	62.6	59.1	60.1	60.7	56.8	58.5	61.1	58.6	57.6	52.3	47.8	50.5
2023-May-21	46	66.1	64	61.9	61.3	57.2	59.1	60	56	57.8	59.4	57.9	53.9
2023-May-22	28	62.9	59	60.6	62.4	55.2	61.3	61.3	59.3	57.1	50.6	47.2	48
2023-May-23	30	61.8	58.5	59.1	60.9	55.5	59.5	56	50.8	54.5	53.2	51.4	48.3
2023-May-24	33	62.7	59.3	59.9	58.1	52.6	56.8	59.9	53.3	58.8	54.8	52.9	50.1
2023-May-25	38	63.4	59.5	61.2	60.8	56.4	58.9	62.7	58.2	60.9	52.7	50	49.4
2023-May-26	46	62.3	57.5	60.7	62.1	57.7	60.3	60.3	57.1	57.6	49.9	0	49.9
2023-May-27	25	61.4	58.2	58.6	60.4	57.3	57.5	59.3	55.4	57	50.6	48	47.3
2023-May-28	40	62.5	59.5	59.4	59.3	56.4	56.3	61.7	59.2	58.2	52.2	48.6	49.8
2023-May-29	38	62.7	57.9	61.1	63	56.6	62.2	59.9	57.5	56.2	50	44.6	48.5
2023-May-30	40	65.5	61.9	63.3	63.6	58	62.6	60	54.1	58.7	57.5	55.1	53.9
2023-May-31	34	62	56	60.9	62.4	56.8	61.3	59.3	53.8	57.9	46.8	0	46.8

Monthly Trend - May 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-May-01	31	58.4	52.8	57.1	56.8	52.1	55.1	57.1	53.2	54.9	47.4	0	47.4
2023-May-02	50	61.9	58.2	59.6	60.2	54.3	59.1	57.7	53.6	55.6	53.4	50.9	49.9
2023-May-03	60	62.3	57.3	60.9	60.4	54.6	59.5	59.5	56.3	56.9	53.2	47	51.9
2023-May-04	53	61.3	56.6	59.7	60.3	53.9	59.6	59.3	54.9	57.5	50.3	47.2	47.2
2023-May-05	33	59.9	49.4	59.7	59.8	52.1	59.5	54.4	34.6	54.5	50.2	32	50.1
2023-May-06	38	59.4	55.1	57.5	59.9	57.2	56.8	57	50.7	55.9	45.7	0	45.7
2023-May-07	23	61	56.3	59.2	52.7	30.7	52.7	60.3	53.2	59.3	52.6	49.8	49.3
2023-May-08	7	56.8	37.5	56.9	56.9	34.2	57.2	53.7	39.1	53.6	45.3	0	45.3
2023-May-09	49	62.8	58	61.1	60.2	54.6	59.1	58.2	52.7	56.8	54.8	50.7	52.8
2023-May-10	59	61.9	57.9	60	61.2	54.8	60.5	57.8	53.6	55.9	52.4	50.1	48.6
2023-May-11	54	62.7	57.7	61.3	61.1	54.5	60.5	57.7	52.9	56.1	54.4	50.1	52.3
2023-May-12	56	63.1	58.5	61.6	62.3	55	61.8	58.5	52.5	57.4	54	51.4	50.6
2023-May-13	29	61.1	57.3	58.8	56.7	46.7	56.4	58.8	55.9	55.6	53	49.7	50.3
2023-May-14	65	62.9	59.1	60.6	60.2	55.3	58.8	59.1	54.3	57.4	54.7	51.8	51.5
2023-May-15	50	61.5	56.6	60	60.5	53.9	59.8	58.2	54.1	56.1	51.8	47.7	49.6
2023-May-16	52	61.8	57.5	59.8	60	53.3	59	57	49.8	56.2	53.5	50.9	49.9
2023-May-17	46	61.1	53.5	60.5	61.4	55.6	60.5	58.5	49.2	58.4	47.9	0	47.9
2023-May-18	23	59	45.8	59	58.8	47.7	58.8	56.4	34.6	56.5	47.5	33.5	47.3
2023-May-19	32	59.6	51.9	58.8	58.9	51.7	58.2	56.2	51.9	54.2	49.5	0	49.4
2023-May-20	39	59.5	54.7	57.8	58.5	52.8	57.5	57.1	51.9	55.5	48.9	45.5	46.2
2023-May-21	51	61.6	59	58.2	57.7	52.5	56.2	57.1	52.6	55.2	54.2	52.6	49.3
2023-May-22	31	60.2	54.2	59.1	60.3	51.1	59.9	58.4	54.6	56.2	46.3	41.5	44.5
2023-May-23	18	59.4	47.9	59.2	58.5	50.1	58	56.8	43	56.8	49	0	49
2023-May-24	14	61.6	54	60.9	60.2	46.1	60.3	56.9	46.9	56.6	52.9	47.8	51.2
2023-May-25	30	60.9	54.3	60.1	60.2	50	60.1	58.6	54.8	56.4	50	42.3	49.2
2023-May-26	27	59.8	49.9	59.6	59	49	59	56.7	50.5	55.7	49.8	0	49.7
2023-May-27	19	58.4	50.7	57.7	57.9	49.8	57.3	56.3	50.4	55.2	46.6	35.9	46.2
2023-May-28	35	58.1	53	56.6	55.6	49.8	54.3	57.1	54.5	53.7	47.8	30.7	47.7
2023-May-29	31	61.6	52.8	61.3	59.7	51.5	59.6	58.2	53	57.1	52.8	35.4	52.8
2023-May-30	47	63.1	58.7	61.2	59.9	53.4	59.1	60	49.3	59.6	54.8	52.5	51.1
2023-May-31	20	59.4	47.8	59.3	59.7	49.9	59.5	56.7	40.3	56.7	45.7	0	45.6

Monthly Trend - May 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-May-01	32	54.5	51	51.9	53.9	50.6	51.2	53.6	51.2	49.8	40.9	0	40.9
2023-May-02	49	60.1	56.7	57.6	60.1	54.2	59.1	54.5	52.1	50.8	50.4	48.8	45.1
2023-May-03	52	58.9	55.9	55.9	57.2	52.3	55.6	56.8	55.7	50.3	49	45.2	46.6
2023-May-04	48	57.9	54.4	55.5	58.4	53.2	56.9	53.9	51.7	49.9	46.5	44.4	42.3
2023-May-05	19	60.3	53.9	59.2	63.1	56.9	61.9	46.8	0	46.8	40.5	0	40.5
2023-May-06	33	66.9	66.8	52.2	69.8	69.8	53.3	50.6	48.1	47	40	0	40
2023-May-07	22	56.7	54.8	52	45.8	0	45.8	53.8	52.1	49	49.8	48.2	44.7
2023-May-08	0	48.8	0	48.8	47.9	0	47.9	45.1	0	45.1	39.3	0	39.3
2023-May-09	52	59.4	56.3	56.5	57	52.4	55.4	55.1	53.1	50.5	51.2	48.4	48
2023-May-10	50	58.5	56.1	54.8	56.8	52.5	54.8	54.5	51.4	51.5	49.9	48.7	43.6
2023-May-11	47	59.2	56	56.5	57.1	52.9	55.1	53.9	50.9	50.9	51.3	48.4	48.2
2023-May-12	59	59	56.4	55.4	57.3	52.4	55.7	54.9	51.7	52.1	50.3	49.2	43.6
2023-May-13	26	57	54.8	53	50.3	44.7	48.9	54	51.8	50.1	49.7	47.9	45.1
2023-May-14	65	59.9	57.7	55.8	55.9	53.6	52	55.8	51.9	53.5	52.4	50.7	47.5
2023-May-15	46	58	55	55	56.1	51.8	54.2	54.7	52	51.3	49.1	46.7	45.3
2023-May-16	50	58.2	55.4	54.8	55.8	51.3	53.6	53.8	49.3	51.9	50.1	48.4	45
2023-May-17	41	59.3	52	58.7	61.4	54.2	60.8	53.4	47.1	52.3	42	0	41.9
2023-May-18	9	52.6	42.4	52.2	53.8	45.4	53.2	45.8	0	45.8	40.9	0	40.9
2023-May-19	22	56	48.5	55.2	57.2	47.7	56.8	52.4	49	49.8	40.5	0	40.5
2023-May-20	37	54.9	52.4	51.1	53.3	50.5	50	53.2	50.9	49.2	44.3	42.2	40.1
2023-May-21	54	58.3	56.5	53.4	53.8	50.9	50.6	52.1	50.4	47.2	51.5	50	46.1
2023-May-22	32	59.5	52.9	58.5	60.3	49.4	60.1	54.3	52.3	49.8	47.9	42.7	46.4
2023-May-23	20	59.2	48.9	59	61.8	51.6	61.6	47.8	39.7	47.1	40.3	0	40.3
2023-May-24	18	55.1	52	52.1	50.3	41.8	49.6	52.3	48	50.2	47.3	45.4	42.7
2023-May-25	29	56.6	51.6	54.9	55.5	47.9	54.8	55.2	52.4	51.9	44.9	38.5	43.7
2023-May-26	17	57.1	47.8	56.9	58.9	46.8	59	51.8	48.3	49.2	41.3	0	41.3
2023-May-27	19	54.9	49.1	53.6	53	48.7	51	54.7	48.8	53.5	42	31	41.7
2023-May-28	24	54.5	50.7	52.2	52.1	47.1	50.4	54.2	52.3	49.6	42.7	0	42.7
2023-May-29	27	56.2	49.8	55.2	57.5	49.4	57.1	52	49.1	48.7	41.6	33.8	40.8
2023-May-30	48	61.9	56.4	60.6	63.4	54.7	63	53.2	48.9	51.2	50.1	48.7	44.3
2023-May-31	18	59.4	46.7	59.5	61.6	48.1	61.8	50	42.9	49.1	38.6	0	38.6

Monthly Trend - May 2023

Monitor E1: 960m east of RWY 27

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-May-01	33	78.8	71.8	78.3	80.2	74.2	79.4	69.1	52.6	69.3	67.7	57.3	67.4
2023-May-02	24	79.8	69.2	79.9	79.8	72	79.4	74.1	57.9	74.4	70.3	42.1	70.7
2023-May-03	10	74.7	64.4	74.5	75.9	62.6	76	60.6	0	60.6	64.5	57.4	63.7
2023-May-04	5	74	53.3	74.6	69.6	55.5	69.6	56.7	0	56.7	67.8	40.5	68.5
2023-May-05	33	77.5	67.4	77.6	79.3	70.3	79.4	69.3	51.7	69.7	64.5	42	64.6
2023-May-06	23	77.2	63.1	77.5	79.1	65.6	79.5	70	53.6	70.5	63.1	45.1	63
2023-May-07	26	78.2	64	78.7	79.1	66.9	79.7	68.6	51.2	68.9	68.1	0	68.5
2023-May-08	39	79.1	67.3	79.2	78.2	67.9	78.4	74.1	65.7	74	70.1	50.2	70.3
2023-May-09	25	79.5	63.1	80.1	79	65.3	79.1	69.1	50	69.3	71.3	49.7	72.4
2023-May-10	5	71.4	52.2	71.5	71	55.2	71.2	64	0	64	62.7	0	62.7
2023-May-11	14	81.6	61.1	81.8	75.9	61.9	76	67.9	51.2	68	75.6	51.2	75.9
2023-May-12	14	79.3	63.2	79.6	78.1	64	78.3	76.1	60.4	76.4	69.7	49.1	70.1
2023-May-13	15	75.5	62.7	75.5	75.2	64.6	75.2	70	59	69.9	66	0	66.2
2023-May-14	16	76.6	61.2	76.9	75	63.7	75.1	71.6	53.3	71.7	68.3	40.3	68.7
2023-May-15	24	84.6	69.4	85	79.7	61	79.9	83.8	69.3	83.9	75.4	60.3	76.2
2023-May-16	28	78	62.1	78.7	76	63.1	76.8	72.1	57.4	72.6	70.1	49.9	70.8
2023-May-17	26	76.2	59.6	76.5	73.1	54.4	73.6	70.4	54.1	70.6	68.9	52.8	69.1
2023-May-18	28	84.2	76.8	84.5	79.5	68.8	81	82.5	68.8	83.2	75.7	70.8	75
2023-May-19	44	80.1	68.8	80.5	80	70	80.3	75.3	64.2	75.6	70	55.5	70.7
2023-May-20	12	79.8	69.3	80.1	81.2	72.3	81.3	68.2	44.2	68.4	69.1	44.9	69.6
2023-May-21	16	78.1	59.4	78.7	75.2	59.2	75.3	72.1	54.2	72.5	70.7	49.7	71.6
2023-May-22	29	80.4	65.9	81.8	78.5	66	79.6	75.8	64.7	77.9	72.2	50.6	73.5
2023-May-23	41	83.9	73.8	84.3	85.4	76	85.8	77.8	66	78.4	70.8	57.9	71.4
2023-May-24	33	82.1	75.3	81.5	84.1	76.9	83.6	76.7	72.5	75	64.4	0	64.5
2023-May-25	33	81.5	77.3	80.2	81.3	79.9	76.5	75.7	62.4	76	72.2	60.8	72.7
2023-May-26	29	83.1	76.1	82.8	80.5	77.9	77.4	77.8	64	78.4	75.4	64.1	75.8
2023-May-27	50	84.3	73.8	85	79.6	66.8	80.7	78.6	71.2	79.5	77.5	66.5	78
2023-May-28	54	83.9	73.9	85.1	82.3	73.6	83.5	78.2	65.5	78.8	75.7	65.3	77.2
2023-May-29	38	81	71.1	81.4	80.7	72.8	80.9	77.5	64.8	77.9	70.6	57.1	71.3
2023-May-30	37	79.5	65.9	80.3	77.8	66.8	78.5	75.5	62.6	76.7	70.7	51.7	71.5
2023-May-31	24	79.3	63.7	80	76.3	64	76.9	74.1	52.3	74.7	72.4	55	73.1

Monthly Trend - May 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-May-01	37	56	51.2	54.4	52.7	46.5	51.6	51.7	44.1	50.9	48.4	44.6	46.2
2023-May-02	51	55.2	50.1	53.6	53.4	48.7	51.7	50.9	46.8	48.9	46.8	40.9	45.5
2023-May-03	42	56.2	51.5	54.5	53.1	46.9	51.9	52.2	48.1	50.1	48.4	43.9	46.6
2023-May-04	55	56.4	51.1	55	53.5	49.4	51.5	51.6	47.7	49.5	48.7	42	47.7
2023-May-05	29	57.1	51.4	55.8	54.3	47.4	53.4	53.1	49.2	50.8	49.1	43.1	48
2023-May-06	45	55.4	49.4	54.3	54.5	48.7	53.2	49.5	40.6	49	46.9	41.2	45.6
2023-May-07	24	55.1	49.1	53.9	50	42.3	49.2	50.5	45	49.2	48.1	42.3	46.8
2023-May-08	10	53.6	47.9	52.3	49.2	31.8	49.2	47.1	0	47.1	46.9	42.7	44.9
2023-May-09	46	56.1	50.9	54.7	54	48.3	52.9	50.7	47.8	47.8	48	42.6	46.6
2023-May-10	47	55.5	51.1	53.7	52.2	47.9	50.4	51.1	47.7	48.5	48	43.2	46.4
2023-May-11	44	56.1	50.8	54.6	53.5	47.7	52.3	51	47.8	48.2	48.2	42.4	47
2023-May-12	48	56.5	50.9	55.3	53.5	49	51.7	54.6	47.1	53.8	47.5	42.2	46.1
2023-May-13	31	54.2	48.5	53	50.7	44.3	49.6	50.2	45	48.8	46.6	40.8	45.4
2023-May-14	54	55.8	51.7	53.8	53.3	48	51.9	50.6	44	49.6	48.1	44.9	45.3
2023-May-15	53	56.4	51.9	54.7	53.2	49.4	50.9	52.9	47.7	51.5	48.4	43.7	46.7
2023-May-16	41	55.6	50.4	54.2	52.7	46.6	51.6	50.7	45.5	49.2	48	43.2	46.4
2023-May-17	36	56.3	49.2	55.5	52.3	46.8	51	53.6	45.6	53.1	48.2	40.9	47.3
2023-May-18	15	58.9	42.5	58.8	52.9	43	52.5	48.5	36.5	48.3	52.9	32.1	52.9
2023-May-19	34	55.7	51.1	54	52.5	46.2	51.5	50.5	46.4	48.4	48.3	44	46.4
2023-May-20	43	55.9	50.8	54.3	53.1	47.5	51.9	49.7	44	48.4	48.5	43.8	46.8
2023-May-21	48	56.8	51.8	55.3	53.8	48	52.6	50.7	46.7	48.6	49.6	44.6	48.1
2023-May-22	37	54.9	48.7	53.7	52.4	47.5	50.7	52.8	45.9	51.9	45.5	38.8	44.5
2023-May-23	34	54.9	49.8	53.4	51.7	46.8	50.1	48.7	41.7	47.7	47.7	42.8	46.1
2023-May-24	26	58.3	50.6	57.5	51.2	42.8	50.5	59	48.8	58.5	47.7	43	46
2023-May-25	30	56	50	54.7	52.1	46.4	50.8	54	50	51.8	47.4	38.8	46.7
2023-May-26	18	56	48.1	55.2	53.3	41.2	53.1	50.6	43.6	49.7	48.3	41.5	47.4
2023-May-27	37	63.8	50.5	63.6	53.5	46.9	52.5	51	46.1	49.3	58.3	43	58.2
2023-May-28	32	56.3	50.4	55.1	53.4	49	51.6	51.2	45.1	50.1	48.7	42.1	47.8
2023-May-29	24	55.6	49.1	54.7	50.9	43.2	50.2	51.3	45.8	50.1	48.4	41.8	47.5
2023-May-30	49	55	50.4	53.3	53	48.9	50.9	50.7	47	48.4	46.8	41.2	45.5
2023-May-31	16	54	41.8	53.7	52.3	44.6	51.5	48.9	0	48.9	46	0	46

Monthly Trend - June 2023

Monitor W1: 920m west of RWY 09

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Jun-01	39	66	63.7	62.2	63.4	59.9	60.9	65.1	63.4	60.4	55.3	53	51.4
2023-Jun-02	35	68.8	62.4	67.7	63.4	58.3	61.8	68.7	59.9	68.2	58.7	54.2	56.8
2023-Jun-03	37	66.2	62	64.2	63.2	60.1	60	62.4	58.6	60.6	58.3	53.2	56.7
2023-Jun-04	30	67.5	61.8	66	64	58.8	62.4	65.4	59.8	63.9	58.7	52.9	57.4
2023-Jun-05	35	68.1	64.1	66	65.3	59.9	63.8	62.9	57.6	61.4	60.7	57.4	58
2023-Jun-06	31	67.5	62.7	65.8	64.3	59.8	62.5	61.8	51.4	61.4	60.2	55.9	58.3
2023-Jun-07	39	67.9	65.1	64.6	64.4	60	62.4	63.8	60.2	61.4	60.2	58.2	55.9
2023-Jun-08	42	68.5	65.5	65.5	63.9	59.9	61.6	63.6	60.1	61	61.5	58.7	58.1
2023-Jun-09	24	63.7	59.7	61.5	63.3	59.9	60.7	63.2	59.2	60.9	47	0	47.1
2023-Jun-10	26	63.9	59.6	61.9	62.4	58.3	60.3	63.4	58.7	61.6	51	47.3	48.6
2023-Jun-11	36	65.6	61.4	63.4	64.9	60.6	62.7	62.8	58.1	61	55	51.5	52.4
2023-Jun-12	24	64.2	61.1	61.3	65.6	62.9	62.2	61.4	57.7	58.8	46	0	46
2023-Jun-13	30	63.1	58.9	61.1	63.1	58.6	61.2	62	58.2	59.7	47.9	43.1	46.2
2023-Jun-14	31	65.6	61.7	63.3	63.6	59.2	61.7	64.6	61.3	61.8	54.7	50.3	52.8
2023-Jun-15	50	66	63.5	62.5	64.2	62.7	58.9	66.2	63.4	63.1	49.6	41.8	48.9
2023-Jun-16	43	66.3	63.7	62.9	65.5	62.2	62.8	61.2	59.3	56.6	57.4	55.1	53.5
2023-Jun-17	39	65.9	62.4	63.3	63.2	60	60.4	61.2	58.7	57.6	58	54	55.9
2023-Jun-18	84	64.8	62.4	61.1	65.1	62.3	61.8	61.9	60.1	57.1	52.5	50.2	48.6
2023-Jun-19	35	63.5	59.9	61	63.5	60.3	60.8	62.2	58.9	59.5	48.4	39.3	47.9
2023-Jun-20	36	64.4	60.9	61.8	62.6	59.4	59.8	61.7	59	58.3	55.7	50	54.4
2023-Jun-21	23	62.2	58.1	60.1	63.8	60.3	61.2	49.9	0	49.7	47.6	0	47.6
2023-Jun-22	44	65.7	62.8	62.7	62.9	60.7	59.1	62.7	59.4	59.9	57.3	54	54.5
2023-Jun-23	35	66.8	64	63.7	63.6	60.8	60.4	64.4	58.8	63	58.2	56.6	53.4
2023-Jun-24	40	67.4	64.4	64.3	63.5	59.2	61.6	63.2	62	57.3	59.8	56.5	57.1
2023-Jun-25	48	65.6	63.4	61.6	64.3	61.2	61.3	61.5	58.6	58.4	56.6	55.3	50.8
2023-Jun-26	47	63.8	62.1	59	64	62.6	58.1	62.9	61.3	57.9	46.3	0	46.3
2023-Jun-27	28	62.4	57.7	60.6	61.7	57.6	59.7	61.2	55.7	59.7	49.5	45.1	47.6
2023-Jun-28	39	63.7	60.6	60.9	62.6	57.1	61.2	63.6	61.7	58.9	49	44.7	47
2023-Jun-29	34	64.8	62.1	61.4	63.3	60	60.6	62.7	59.2	60.1	54.5	53	49.1
2023-Jun-30	39	65.9	62.9	62.8	65.3	63.4	60.9	63.7	59.3	61.7	53.8	49.9	51.6



Monthly Trend - June 2023

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

AIRPORT

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Jun-01	33	65	62.2	61.7	63	59.3	60.7	63.6	61.7	59.2	55.1	52.4	51.8
2023-Jun-02	32	66.6	60.2	65.5	61.4	55.4	60.3	67	59.4	66.1	55.7	51	53.9
2023-Jun-03	39	66.6	62.8	64.4	62.5	59.2	59.9	66.6	63.3	63.8	56	50.1	54.6
2023-Jun-04	33	64.5	59.3	63	61.2	55.5	59.8	62	57.4	60.3	56.2	50.8	54.7
2023-Jun-05	37	65.4	60.4	63.9	62.9	55.9	62	60.1	55	58.7	57.8	53.5	55.9
2023-Jun-06	35	65	59.4	63.7	61.2	55.5	60	60.1	49.1	59.9	57.8	52.9	56.1
2023-Jun-07	48	65	62.2	61.8	60.9	56.8	58.9	61.3	57.5	59	57.5	55.3	53.4
2023-Jun-08	44	66.3	64	62.7	60.3	55.9	58.4	60.7	56.8	58.3	59.8	57.9	55.3
2023-Jun-09	23	63.4	58.9	61.5	61.6	57.8	59.3	63.7	59.6	61.6	48	0	48
2023-Jun-10	26	63.2	60.1	60.4	61.8	57.5	59.9	62.3	59.8	58.7	51.3	48.4	48.2
2023-Jun-11	38	64.3	60.1	62.3	62.2	58.6	59.6	61.1	55.9	59.6	55.6	51.4	53.5
2023-Jun-12	26	63.1	59.2	60.8	64.1	61.4	60.8	58.6	54	56.7	50.3	0	50.3
2023-Jun-13	31	62.7	58.4	60.7	61.5	57.1	59.8	61.8	58.4	59.2	50.1	43.6	49
2023-Jun-14	34	65.1	59.2	64	63	57.5	61.8	61.3	58	58.7	56.6	48.2	56.2
2023-Jun-15	50	64.8	61.9	61.8	63.5	61.4	59.8	64.8	62	61.8	49.5	39.4	49
2023-Jun-16	46	65.3	62.5	62	62.1	58.1	60	61	58.9	56.7	57.6	55	54
2023-Jun-17	39	66.1	62.5	63.7	63.3	60	60.6	61.5	58.8	58.2	58.4	54.2	56.3
2023-Jun-18	82	64.9	62	61.8	65	61.8	62.3	61.7	59.5	57.7	53.2	50.3	50
2023-Jun-19	38	63.3	59.1	61.3	63.2	59.3	61.1	62.2	58.2	59.9	48.4	40	47.8
2023-Jun-20	36	64.4	61.2	61.7	61.5	58.3	58.8	61.7	58.4	59.1	55.5	52.3	52.7
2023-Jun-21	33	64.2	59	62.7	62.1	58.1	59.9	64	58.3	62.7	51.6	45.1	50.6
2023-Jun-22	45	65.4	62.1	62.6	62	59	59.1	62.6	59.1	59.9	57.1	53.8	54.3
2023-Jun-23	37	64.2	61.2	61.2	61.2	58.8	57.5	60.8	55.5	59.4	56.1	53.6	52.5
2023-Jun-24	41	65.9	62.9	63	60.8	56.3	58.9	60.8	59.3	55.6	59	55.8	56.2
2023-Jun-25	51	65.4	63	61.7	63.4	60.3	60.6	61.6	58.6	58.6	56.7	55.1	51.8
2023-Jun-26	48	63.5	61.1	59.9	62.8	61.1	57.8	62.9	60.9	58.7	49.3	0	49.3
2023-Jun-27	29	62.5	56.9	61.1	60.7	56.4	58.7	61.3	55.1	60.1	51.6	44.6	50.7
2023-Jun-28	40	64.3	60.9	61.8	62.6	57.3	61.3	64.2	62.1	60	51	45.6	49.5
2023-Jun-29	34	64.7	61.6	61.8	63	59.4	60.5	62.7	58.9	60.4	54.6	52.5	50.4
2023-Jun-30	40	65	61.3	62.5	63.6	61.3	59.7	63	58.1	61.2	54.3	49.7	52.5

Monthly Trend - June 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-Jun-01	39	63.5	59.7	61.4	61.4	56.7	59.8	61.5	58.6	58.5	54	49.7	52
2023-Jun-02	33	66.2	57.5	65.6	66	52.1	65.9	64.1	56.6	63.1	53.9	48.5	52.5
2023-Jun-03	39	62.7	57.9	61.1	59.9	56.7	57.1	59.9	53.9	58.7	54.2	48.7	52.8
2023-Jun-04	38	62.9	56.9	61.6	59.7	53.8	58.5	60.2	54.9	58.8	54.3	47.9	53.2
2023-Jun-05	42	63.6	58.3	62.2	61.5	53.8	60.8	58.6	52.8	57.3	55.6	51.3	53.6
2023-Jun-06	39	63.3	57.1	62.3	60.6	53.4	59.8	59	49.3	58.6	55.4	50.3	54
2023-Jun-07	56	63.3	59.9	60.9	60.4	55.2	59	59.8	55.3	58	55.2	52.7	51.7
2023-Jun-08	45	64.1	60.9	61.4	59.6	53.2	58.6	59	54.3	57.4	57.1	54.7	53.5
2023-Jun-09	27	61.7	55.7	60.5	60.2	54.7	59	60.8	56.3	59.1	49.6	0	49.6
2023-Jun-10	27	61.4	56.9	59.5	59.3	54.8	57.5	59.7	55.8	57.5	51.3	46.3	49.7
2023-Jun-11	39	62.8	57.8	61.2	60.6	56.4	58.6	59.5	53.2	58.5	54.1	49.3	52.5
2023-Jun-12	25	61.5	56.7	59.8	62.2	59.1	59.3	57.8	51.8	56.6	49.2	0	49.3
2023-Jun-13	33	62	56.9	60.6	62.3	56.6	61.2	58.9	55.9	55.9	49.9	41.9	49.3
2023-Jun-14	37	64.1	56.7	63.5	60.1	54.4	58.8	59.7	55.9	57.4	56.8	45.7	56.7
2023-Jun-15	49	63.6	58.8	62.1	61.2	57.9	58.6	63.2	59.1	61.4	51.9	37.9	52
2023-Jun-16	52	63	59.6	60.5	60.8	56	59.2	59.1	57	55	54.7	51.4	52.1
2023-Jun-17	42	63.6	58.9	61.9	60.8	57	58.6	59.4	55.6	57.1	55.7	49.9	54.4
2023-Jun-18	69	61.8	58.3	59.3	61.2	58.3	58.1	58	54.4	55.5	52.1	47.6	50.2
2023-Jun-19	39	61.3	56.2	59.8	60.3	56.1	58.3	59.7	55.4	57.7	50	39	49.7
2023-Jun-20	43	62	58.2	59.8	59.8	55.3	58	59.3	55.3	57.3	53	49.7	50.3
2023-Jun-21	33	62.2	56.3	60.9	60.1	55.4	58.5	61.1	55.6	59.8	51.3	42.7	50.6
2023-Jun-22	44	63.7	59.6	61.6	60.8	55.6	59.4	59.6	56	57.2	55.7	52	53.4
2023-Jun-23	37	62.5	58.1	60.6	59.8	55.1	58	58.9	52.1	58	54.2	50.8	51.7
2023-Jun-24	43	64.6	60.8	62.4	59.3	54	57.9	58.8	56.6	54.9	57.9	54	55.7
2023-Jun-25	49	62.7	59.7	59.7	60.5	57.4	57.7	58.8	55	56.7	54.2	51.7	50.7
2023-Jun-26	47	61.4	57.7	59.1	60.4	57.5	57.5	60	57.6	56.5	49.4	0	49.5
2023-Jun-27	31	60.4	53	59.6	59	52.5	58	58.4	52.2	57.3	50.1	38.4	49.8
2023-Jun-28	39	62.7	58.3	60.8	60.1	54.6	58.8	62	59.4	58.7	51.7	42.9	51.2
2023-Jun-29	37	62.4	58.8	60	60.3	56.7	57.9	59.8	55.6	57.9	53.1	49.9	50.3
2023-Jun-30	39	63.1	58.9	61	61.5	59	58.2	60.9	55.3	59.6	52.9	47.4	51.5



Monthly Trend - June 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-Jun-01	34	62.5	58.6	60.4	61.2	54.1	60.6	61	59.1	56.5	51.3	47	49.4
2023-Jun-02	33	65.7	59.4	64.6	63.1	53.5	62.7	63.9	55.5	63.2	56.2	52.3	54
2023-Jun-03	36	64.2	60.6	61.7	58.8	55.3	56.4	59.5	54.1	58.1	57.2	54	54.4
2023-Jun-04	41	65	60.7	63	61.5	58.1	58.9	62.7	58.4	60.8	56.4	51.7	54.6
2023-Jun-05	42	65.7	62.2	63.2	63.2	57.7	61.8	60.2	56.7	57.7	58.1	55.3	54.9
2023-Jun-06	38	65.7	61.1	63.8	62.6	57.2	61.2	61.6	54.2	60.7	57.9	54.2	55.4
2023-Jun-07	57	65.6	63.8	61	62.6	59.2	60.1	61.6	59.3	57.8	57.8	56.6	51.2
2023-Jun-08	45	66.3	63.5	63.2	61.7	56.7	60	61.4	58	58.7	59.3	57	55.5
2023-Jun-09	29	60.4	55.1	59	60.4	55.1	58.9	58.4	54.8	56	47.6	0	47.6
2023-Jun-10	27	60.9	56.8	58.8	57.5	51.4	56.4	60.9	57.9	58	49.5	44.2	48
2023-Jun-11	39	62.9	58.4	61.1	61.5	57.3	59.4	60.1	56.8	57.6	53.3	47.1	52.1
2023-Jun-12	28	61.5	57	59.7	61.4	57.7	59	60	56	57.8	48	0	48
2023-Jun-13	33	60.7	55.5	59.2	61.2	56.2	59.7	57.1	53.3	54.8	48.8	40.2	48.1
2023-Jun-14	36	64.1	59.7	62.4	61.6	55.6	60.5	62	59.1	58.8	55	49.8	53.6
2023-Jun-15	49	63.7	59.2	62.1	61	57.2	58.8	63.7	60.2	61.3	51.7	33.7	51.9
2023-Jun-16	51	63.2	60.1	60.4	63	59.9	60	58	55.7	54.1	53.7	50.1	51.4
2023-Jun-17	40	62.2	56.7	60.8	59.7	54.8	58.1	57.9	53.7	56	54.2	47.6	53.1
2023-Jun-18	53	60.3	56.2	58.3	59.7	55.5	57.8	57.2	54.2	54.4	50	44.9	48.4
2023-Jun-19	33	59.2	53.6	57.8	58.4	53.2	56.9	57.3	53	55.4	47.8	37.6	47.4
2023-Jun-20	34	59.5	55.2	57.6	57.9	52.1	56.7	56.5	52.4	54.4	50.2	46.8	47.6
2023-Jun-21	29	59.8	53.5	58.7	57.9	51.8	56.8	58.5	53.2	57.1	49.1	40.7	48.5
2023-Jun-22	36	61	56.9	58.9	57.9	52.7	56.4	57.3	54.1	54.5	53.1	49	50.9
2023-Jun-23	35	63.5	60.2	60.8	59.1	53.8	57.7	61.1	56.8	59.1	55.4	53.1	51.6
2023-Jun-24	45	65.3	61.9	62.8	60.2	56.2	58.1	60.7	59.2	55.5	58.3	54.3	56.3
2023-Jun-25	48	61.1	57.5	58.7	58.6	54.6	56.5	56.8	52.8	54.6	53.1	49.8	50.4
2023-Jun-26	44	59.9	55.1	58.3	59.5	55.3	57.6	57.7	54.8	54.7	48.5	0	48.5
2023-Jun-27	28	59.4	50.5	59	59.4	50.6	59.1	55.1	48.7	54	49.1	36.1	48.8
2023-Jun-28	34	62.2	56.1	61.1	60.9	52.4	60.6	60.7	57.2	58.2	51	41.8	50.4
2023-Jun-29	35	61	56.5	59.2	60.6	54.8	59.4	57.6	52.9	55.9	50.6	47.7	47.4
2023-Jun-30	34	61.3	56.4	59.7	61.2	56.7	59.5	57.6	52.4	56.1	50.2	44.8	48.8

Monthly Trend - June 2023

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

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Jun-01	9	59.9	48.4	59.8	58.1	35.6	58.4	56.5	50.7	55.4	51	31.8	50.9
2023-Jun-02	22	62.1	54.8	61.4	59.6	48.3	59.6	56.8	49.1	56	54.4	48.3	53.3
2023-Jun-03	27	60.6	56.1	58.9	58.8	46.7	59	55.2	47.7	54.4	52.5	50.2	48.5
2023-Jun-04	47	61.8	56.2	60.5	57.8	53.9	55.6	58.2	53.5	56.5	54.1	47.2	53.2
2023-Jun-05	46	64.2	57.9	63.2	62	53.7	61.9	58.2	52.2	57.1	56.4	51	54.9
2023-Jun-06	48	62.6	57	61.6	61.5	53.8	61.4	58	49	57.5	53.8	50.1	51.4
2023-Jun-07	61	62.7	59	60.5	60.6	54.5	59.9	58.4	54.4	56.2	54.4	51.9	50.8
2023-Jun-08	53	62.3	58.6	60	59.8	52.7	59.3	58.5	53.9	56.8	54	51.7	50
2023-Jun-09	12	59.6	46.9	59.7	60.9	49.7	61.1	55.1	36	55.1	45.8	0	45.7
2023-Jun-10	7	61.1	48.5	61	58.2	34.3	58.6	57.1	51.2	55.9	53.1	0	53.2
2023-Jun-11	30	59.4	51.9	58.6	57.4	52	55.8	56.5	51.6	54.9	50.4	0	50.4
2023-Jun-12	22	59.8	51.4	59.5	60.7	51.2	60.7	57	51.4	55.7	45.2	0	45.3
2023-Jun-13	23	59	47.3	59	60.1	50.2	60.2	53.6	32.3	53.7	46.7	0	46.6
2023-Jun-14	38	60.9	55.2	59.9	60.6	51.2	60.6	58.6	54.9	56.4	49.2	44.9	47.2
2023-Jun-15	30	63.3	52.5	63.3	59.9	51.3	59.9	58.9	53.2	57.9	55.7	0	56.1
2023-Jun-16	54	60.4	53.6	59.5	60.3	55.4	58.9	55.8	47.6	55.1	50.2	38.6	50
2023-Jun-17	15	58.7	46.4	58.5	57.3	45.7	57.2	56.6	46.5	56.3	48.4	27.9	48.4
2023-Jun-18	10	58.4	41	58.6	57.5	43.8	57.7	54.1	31.2	54.1	49.3	0	49.3
2023-Jun-19	4	58.9	36.2	59.1	59.3	39.2	59.9	55.1	0	54.2	47.3	0	47.2
2023-Jun-20	3	58	34.7	58	57.3	31.9	57.5	54.1	0	54.2	48.1	28.2	48.1
2023-Jun-21	5	58.9	33.3	59.3	59.1	34.6	59.7	54.7	31.2	54.8	48.2	0	48.3
2023-Jun-22	6	62.3	36.1	62.2	57.4	33.7	57.5	55.5	30.1	55.6	55.7	28.5	55.6
2023-Jun-23	26	60.9	55.4	59.7	58.6	47.6	58.7	58.4	52.5	57.3	51.8	48.2	49.4
2023-Jun-24	44	65.8	56.7	65.3	59	51.8	58.5	56.5	52.8	54.2	59.7	49.4	59.4
2023-Jun-25	10	59.5	43.1	59.5	53.9	40.5	53.8	56	43.4	55.9	52.3	29.9	52.4
2023-Jun-26	7	60.3	40.1	60.5	60.8	43.1	61.1	54.8	0	54.9	49.7	0	49.8
2023-Jun-27	5	60.3	35.1	60.5	58.2	34.3	58.5	57.6	35.6	57.8	51.2	0	51.2
2023-Jun-28	10	60	45.9	60.2	59.7	36.2	60.3	55.2	48.5	54.2	50.4	0	50.4
2023-Jun-29	6	59.8	39.8	59.8	58.3	34.3	58.6	54.2	0	54.3	51.5	33.9	51.4
2023-Jun-30	12	61.1	40.8	61.4	60.6	39.3	61.1	55.7	39.4	55.7	52.3	29.4	52.3



Monthly Trend - June 2023

Monitor W6: 48, Bregalnitza Str., 1 DG

Date	Airport Events	LDEN (00:00-23:59), dB			LDay (07:00-18:59), dB			LEvening (19:00-22:59), dB			LNight (23:00-06:59), dB		
		Total LDEN	Aircraft LDEN	Commun. LDEN	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq	Total Leq	Aircraft Leq	Commun. Leq
2023-Jun-01	2	61.3	44.8	61.4	64	0	64.2	50.9	47.6	48.2	41.2	0	41.2
2023-Jun-02	19	62	52.4	61.8	63.9	46.1	64.2	51	46.5	49.1	49.2	45.9	46.4
2023-Jun-03	21	56.4	53.6	53.1	52.4	43.8	52	50.3	45.3	48.6	49.4	47.8	44.3
2023-Jun-04	49	57.5	54	54.9	54.2	51.3	51.1	55.4	51.5	53	48.8	45.1	46.2
2023-Jun-05	47	66.7	57.9	67.7	69.1	57.5	70.5	53.3	50.9	49.4	51.7	49.2	48
2023-Jun-06	48	60.3	55.6	58.7	60.4	51.3	60.1	54.2	49	52.5	50.7	48.8	46
2023-Jun-07	59	60.6	56.9	58.3	60.8	53.9	60.2	54.6	52.7	50	50.6	49.1	44.9
2023-Jun-08	50	59.9	56.2	57.7	59	51.6	58.5	53.6	50.8	50.2	51.4	49.3	47.2
2023-Jun-09	7	54.6	43.3	54.5	56.9	46.3	56.7	45.8	0	45.8	39.2	0	39.2
2023-Jun-10	4	51.9	46	50.6	46	0	46	52.5	48.7	50.1	40.8	0	40.8
2023-Jun-11	34	53.3	49.5	50.9	53.1	49.9	50	51.8	48.8	48.7	40.1	0	40.1
2023-Jun-12	21	56.4	49.1	55.9	57.9	48.5	57.9	52.8	49.4	49.9	39.5	0	39.5
2023-Jun-13	16	56.1	44.8	55.9	58.5	47.8	58.3	45.9	0	45.9	39.3	0	39.3
2023-Jun-14	38	57.9	52.8	56.4	56.8	49.1	56.4	53.8	52	48.8	48.6	42.9	47.2
2023-Jun-15	27	63.3	50.9	63.6	60.7	48.7	60.4	57.7	52.1	56.4	55.8	0	56.6
2023-Jun-16	46	56.3	51.5	54.6	57.2	53	55.3	52.9	46.9	51.6	42.8	36.7	41.5
2023-Jun-17	10	51.1	42.1	50.5	50.4	40.8	49.9	48.4	42.9	46.9	40.6	0	40.6
2023-Jun-18	1	48.8	37.5	48.5	47.4	40.5	46.4	45.4	0	45.4	39.7	0	39.7
2023-Jun-19	0	52.8	0	53	54.3	0	54.5	46.2	0	46.2	40.2	0	40.2
2023-Jun-20	1	54	35	54.1	56	0	56.1	46.1	0	46.1	40	29.8	39.5
2023-Jun-21	0	53.2	0	53.3	54.5	0	54.7	47.7	0	47.7	40.5	0	40.5
2023-Jun-22	0	56.6	0	56.8	57.8	0	58.1	45.7	0	45.7	46.2	0	46.2
2023-Jun-23	25	57.2	52.9	55.2	56.2	43.5	56.1	53.7	51.4	49.8	47.5	45.2	43.8
2023-Jun-24	39	66.6	55.4	66.3	53.1	49.9	50.2	52.4	49.9	48.7	61.1	48.7	61
2023-Jun-25	5	49.9	38.6	49.6	48.7	38.6	48.2	46.8	38.5	46	40.3	0	40.3
2023-Jun-26	3	54.5	38.2	54.5	56.2	41.2	56.3	48.9	0	49	39.4	0	39.4
2023-Jun-27	1	56.8	31.1	57.2	59.2	0	59.6	46.9	33.9	46.6	40.5	0	40.5
2023-Jun-28	3	56.5	37.6	56.8	57.3	0	57.9	49.3	40.3	48.6	46	0	46
2023-Jun-29	0	54.8	0	55.2	57	0	57.4	46.8	0	46.8	39.5	0	39.5
2023-Jun-30	0	53.2	0	53.3	53.6	0	53.7	46.4	0	46.4	43.3	0	43.4

Monthly Trend - June 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-Jun-01	42	78.7	67.5	79.2	77.9	68.8	77.9	72.2	60.7	72.6	70.2	55.6	71
2023-Jun-02	33	82	66.7	83.8	75.1	64.8	75.7	73.3	58.8	73.8	75.9	59.1	77.9
2023-Jun-03	37	82.2	70.2	84.4	80.9	70.4	84.6	75.2	58.9	76.5	74.2	61.4	75
2023-Jun-04	29	82	68	83.1	79.5	68.5	80.4	75.7	63	77.2	74.5	57.1	75.6
2023-Jun-05	31	84.5	69.3	85.7	80.7	66.9	82.4	80.5	69.4	81.8	76.9	56.3	78
2023-Jun-06	36	83.6	67.7	84.6	83.8	66.8	84.7	75	60.1	76.1	74.3	59.5	75.6
2023-Jun-07	36	86.4	83	85.1	78.8	66.7	80.2	78.6	66.4	79.9	80.4	77.7	78.2
2023-Jun-08	38	84.3	76.1	84.6	84	78.7	83.4	78.6	66.4	79.9	74.9	56.5	75.8
2023-Jun-09	30	81.8	72.4	82.1	83.7	74.9	84.1	73.9	62.2	74.5	67.8	54.9	68
2023-Jun-10	34	79	69.1	79.1	79.2	69.2	79.3	71.8	58.2	72.3	69.5	60.3	69.4
2023-Jun-11	34	78.8	66.1	79.3	76.8	65.4	76.9	69.3	61.7	68.7	71.6	56.7	72.3
2023-Jun-12	24	76.8	59.7	77.3	74.4	61.3	74.9	68.3	47.1	68.4	69.6	48.4	70.1
2023-Jun-13	27	78.3	63.6	79.1	71.8	55.7	72.2	72.5	52.6	73.5	71.9	57.8	72.7
2023-Jun-14	17	77.1	60.6	77.7	76.7	62.8	77.4	69.5	51.5	69.6	68.5	45.7	69
2023-Jun-15	12	76.2	60	76.2	72	61.1	71.9	68.6	41.4	68.7	69.5	50.3	69.6
2023-Jun-16	24	78.3	66.8	78.5	77.7	65.5	78	74.3	65.3	74.4	68.5	55.4	68.5
2023-Jun-17	15	77	68.2	76.8	70.5	57.3	70.4	73.5	70.7	70.4	70	48.4	70.4
2023-Jun-18	59	79.8	73.3	79.6	79.2	75.3	78.3	75.1	64.9	75.3	70.5	59.2	70.7
2023-Jun-19	48	80.2	70.3	81	79.4	68.5	81	72.5	62.7	72.6	71.8	62.8	72.1
2023-Jun-20	25	79.4	66.2	80	79.3	69.2	79.8	76.1	46.8	76.9	68.5	41.3	68.8
2023-Jun-21	46	80.4	71.5	80.7	79.3	68.3	79.9	76.5	71.3	75.9	71.2	60.3	71.5
2023-Jun-22	48	79.6	70.3	79.8	77.6	67.8	78	73.4	63.1	73.6	71.9	63	72
2023-Jun-23	45	82.2	70.4	83	81.4	71.6	82.6	76.2	65.7	76.1	73.6	57.5	74
2023-Jun-24	26	78.5	65	78.9	78.2	66.7	78.5	68.5	0	68.7	70.1	53.9	70.6
2023-Jun-25	22	75.9	64.9	76	74.1	60.8	74.5	71.7	63.3	71.9	67.4	56	67.2
2023-Jun-26	30	75.1	65.4	74.9	75.2	64.4	75.1	67.3	58.6	66.7	66.1	57.2	65.6
2023-Jun-27	21	75.6	66	75.4	72.4	67.3	71	70.3	61.4	70	68.2	52.6	68.5
2023-Jun-28	30	77.2	68.3	76.8	76.6	70.7	75.6	73.9	61.8	74.1	67	44.6	67
2023-Jun-29	34	75.5	69	74.7	74.5	68.4	73.6	71.6	61.8	71.5	66.3	60.6	65.1
2023-Jun-30	41	78.2	67.7	78.2	77.1	67.1	77	74.8	66.7	74.6	68.8	51.8	69.1

Monthly Trend - June 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-Jun-01	15	55.4	48.2	54.5	52.2	40.6	52	49.2	40	48.7	48.1	42.2	46.9
2023-Jun-02	39	56.6	52.4	54.6	52.8	48.3	51	48.8	43.1	47.4	49.9	45.9	47.7
2023-Jun-03	19	53.8	48	52.5	51.1	43.5	50.3	51.2	47.9	48.5	45.1	37.4	44.3
2023-Jun-04	45	56.3	51.6	54.7	53.1	49.3	50.8	51.7	45.7	50.5	48.4	43.7	46.7
2023-Jun-05	44	56	51.4	54.4	51.8	45.8	50.6	52	48.8	49.3	48.5	43.7	47.1
2023-Jun-06	43	56	52	53.9	52.5	47.5	50.9	51.8	48.7	48.9	48.2	44.1	46.2
2023-Jun-07	50	55.7	51.7	53.5	52.3	47.6	50.6	51.2	47.6	48.8	48.1	44.3	45.9
2023-Jun-08	50	55.5	51.4	53.5	52	48.1	49.8	51.6	46.7	50	47.8	43.8	45.6
2023-Jun-09	25	54.8	48.8	53.7	51.9	43.9	51.3	47.8	39.9	47.2	47.6	42.4	46.1
2023-Jun-10	19	55.5	49	54.5	51.4	42.8	50.8	50.8	47.2	48.4	47.7	40	46.9
2023-Jun-11	39	54.8	48.6	53.7	52.3	46.4	50.7	50	46.7	47.4	47	38.9	46.4
2023-Jun-12	37	56.1	50.7	54.7	54.2	47.1	53.4	51.7	49.7	47.4	47.6	41.1	46.7
2023-Jun-13	26	55.4	48.2	54.6	52.6	43.6	52.1	49.4	0	49.5	48	42.2	46.8
2023-Jun-14	36	59.5	50.6	59	52.5	46.1	51.4	52.3	49.1	49.6	53.3	41.9	53.1
2023-Jun-15	25	56.5	49.2	55.7	51.2	43.1	50.6	55.3	48.4	54.5	47.9	40.4	47.1
2023-Jun-16	45	55.3	47.8	54.5	52.3	47.4	50.7	51.1	47.9	48.4	47.5	0	47.5
2023-Jun-17	0	54.5	0	54.5	52.1	0	52.1	50.1	0	50.1	46.4	0	46.4
2023-Jun-18	13	56.8	45.7	56.6	53.9	38.7	53.9	53.7	0	53.8	48.7	39.9	48.1
2023-Jun-19	14	55.1	47.4	54.4	49.9	37.3	49.7	49.1	35.9	48.9	48.4	41.8	47.5
2023-Jun-20	12	54.8	48.7	53.6	48.9	36.3	48.7	47.4	36.5	47	48.2	42.9	46.8
2023-Jun-21	11	54.8	47.1	54	48.3	38.3	47.8	50.4	35.5	50.3	48	41.5	46.9
2023-Jun-22	18	55.3	47.4	54.6	52.6	42.6	52.2	49.5	36.2	49.3	47.9	41.1	46.9
2023-Jun-23	34	55	48.8	53.9	50.3	41.8	49.6	51.1	46.9	49.2	47.6	40.9	46.6
2023-Jun-24	26	58.5	46.4	58.4	50.9	44.7	49.8	49.3	44.2	47.9	52.5	36.5	52.6
2023-Jun-25	11	54.8	44.1	54.4	51	40.1	50.8	49.6	43.4	48.5	47.4	33.9	47.2
2023-Jun-26	5	54.7	45.2	54.3	50.9	0	51	46.6	0	46.6	48	40	47.4
2023-Jun-27	17	55.8	49.8	54.6	49.9	41.6	49.3	48.1	38.8	47.6	49.5	44.1	48.1
2023-Jun-28	10	56.4	49.5	55.4	51.6	0	51.7	50.2	0	50.2	49.6	44.2	48.1
2023-Jun-29	15	55.2	47.9	54.3	51.3	41.4	50.9	49.3	0	49.3	48.1	42.2	47
2023-Jun-30	7	51.8	39.7	51.6	49.4	40.5	48.8	47.6	37.4	47.2	44.2	0	44.2



EVENTS Lmax - April 2023

Monitor W2

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Apr-01	17:40:47	38	89.9	B738	Commercial Jet	D	27
2023-Apr-02	09:32:39	42	87.3	B738	Commercial Jet	D	27
2023-Apr-02	09:40:59	40	85.1	B738	Commercial Jet	D	27
2023-Apr-02	09:53:07	30	89.6	B738	Commercial Jet	D	27
2023-Apr-02	14:42:48	33	86.3	A321	Commercial Jet	D	27
2023-Apr-02	14:55:30	36	89.9	B738	Commercial Jet	D	27
2023-Apr-02	18:46:38	37	85.1	A320	Commercial Jet	D	27
2023-Apr-03	12:16:15	32	87.3	A319	Commercial Jet	D	27
2023-Apr-03	13:02:59	27	85.8	AN26	Turboprop	D	27
2023-Apr-03	15:35:21	30	85.5	B738	Commercial Jet	A	9
2023-Apr-03	21:44:26	56	86.7	B738	Commercial Jet	D	27
2023-Apr-03	21:54:20	118	87.1	B762	Commercial Jet	D	27
2023-Apr-04	10:37:41	36	85.1	B738	Commercial Jet	D	27
2023-Apr-04	21:02:51	41	87.6	B772	Commercial Jet	D	27
2023-Apr-05	13:50:20	86	92.7	MD82	Commercial Jet	D	27
2023-Apr-06	09:43:38	55	85.9	B738	Commercial Jet	D	27
2023-Apr-06	14:32:05	73	87.6	B763	Commercial Jet	D	27
2023-Apr-06	20:07:30	36	85.5	E195	Commercial Jet	D	27
2023-Apr-07	16:44:22	61	85.5	B738	Commercial Jet	D	27
2023-Apr-07	19:16:39	42	86.1	A332	Commercial Jet	D	27
2023-Apr-08	19:59:55	37	87.4	A320	Commercial Jet	D	27
2023-Apr-08	23:53:37	47	86	B738	Commercial Jet	D	27
2023-Apr-09	08:48:47	26	85.3	B738	Commercial Jet	A	9
2023-Apr-09	19:25:02	36	86.2	B738	Commercial Jet	D	27
2023-Apr-10	08:12:01	47	90.1	B738	Commercial Jet	D	27
2023-Apr-10	08:23:00	46	86.8	B38M	Commercial Jet	D	27
2023-Apr-10	09:02:38	34	87.9	B738	Commercial Jet	D	27
2023-Apr-10	10:20:21	39	86.7	B739	Commercial Jet	D	27
2023-Apr-11	12:47:14	36	86.2	A320	Commercial Jet	D	27
2023-Apr-11	14:42:24	41	85.9	A321	Commercial Jet	D	27
2023-Apr-11	14:53:57	34	87.2	E195	Commercial Jet	D	27
2023-Apr-11	18:08:49	40	85.9	B738	Commercial Jet	D	27
2023-Apr-12	07:42:02	69	91.6	MD82	Commercial Jet	D	27
2023-Apr-13	12:15:11	30	87.4	A320	Commercial Jet	D	27
2023-Apr-13	14:18:06	38	85.3	A321	Commercial Jet	D	27
2023-Apr-13	14:19:52	32	91.1	B738	Commercial Jet	D	27
2023-Apr-13	14:56:48	24	85.1	E195	Commercial Jet	D	27
2023-Apr-13	15:02:10	23	86.3	B38M	Commercial Jet	D	27
2023-Apr-14	00:05:09	37	85.2	B738	Commercial Jet	A	9
2023-Apr-14	09:53:48	26	87.9	B772	Commercial Jet	A	9
2023-Apr-14	13:44:48	40	86.9	B772	Commercial Jet	D	27
2023-Apr-15	13:37:17	54	87.9	MD82	Commercial Jet	D	27
2023-Apr-15	14:23:50	22	86.1	B38M	Commercial Jet	D	27
2023-Apr-15	19:26:40	30	85.4	A321	Commercial Jet	D	27
2023-Apr-15	19:54:35	28	87.2	A320	Commercial Jet	D	27
2023-Apr-16	09:51:42	38	90.2	B738	Commercial Jet	D	27

Месечни доклади за шум

Приложение 4

2023-Apr-16	10:28:44	21	86.8	B38M	Commercial Jet	D	27
2023-Apr-16	14:42:38	43	88	A320	Commercial Jet	D	27
2023-Apr-16	14:52:50	27	89.3	B738	Commercial Jet	D	27
2023-Apr-16	14:55:00	29	87.3	E190	Regional Jet	D	27
2023-Apr-16	15:32:13	31	90	B738	Commercial Jet	D	27
2023-Apr-16	16:27:46	36	88.9	B738	Commercial Jet	D	27
2023-Apr-16	19:26:06	34	86.6	B738	Commercial Jet	D	27
2023-Apr-16	19:43:45	30	88.2	A320	Commercial Jet	D	27
2023-Apr-16	20:59:11	35	85.3	B738	Commercial Jet	D	27
2023-Apr-16	23:47:20	43	86.7	B738	Commercial Jet	D	27
2023-Apr-17	07:38:45	31	85.4	B738	Commercial Jet	A	9
2023-Apr-17	14:47:08	25	86.6	B763	Commercial Jet	A	9
2023-Apr-17	17:54:06	23	87	MD82	Commercial Jet	A	9
2023-Apr-18	09:41:54	33	85.6	AT72	Turboprop	A	9
2023-Apr-18	15:10:25	38	85.5	A320	Commercial Jet	D	27
2023-Apr-19	18:30:50	35	85.2	B738	Commercial Jet	D	27
2023-Apr-20	09:42:06	40	89.7	B738	Commercial Jet	D	27
2023-Apr-20	16:04:33	45	90.2	B763	Commercial Jet	D	27
2023-Apr-20	19:02:56	36	87.2	A321	Commercial Jet	D	27
2023-Apr-21	09:42:20	85	87.9	B738	Commercial Jet	D	27
2023-Apr-21	14:02:34	26	86.1	P180	Turboprop	D	27
2023-Apr-21	14:09:46	56	88.6	MD82	Commercial Jet	D	27
2023-Apr-21	22:49:53	43	85.7	B738	Commercial Jet	D	27
2023-Apr-22	16:18:39	32	87.2	B738	Commercial Jet	D	27
2023-Apr-22	16:20:46	30	87.6	E190	Regional Jet	D	27
2023-Apr-22	17:37:16	62	90	B738	Commercial Jet	D	27
2023-Apr-22	22:49:40	38	88.4	B772	Commercial Jet	A	9
2023-Apr-23	09:18:26	31	87	B738	Commercial Jet	D	27
2023-Apr-23	13:36:07	21	85.3	B734	Commercial Jet	A	9
2023-Apr-23	14:33:05	35	92.8	B744	Commercial Jet	A	9
2023-Apr-23	22:26:53	41	89.1	P180	Turboprop	A	9
2023-Apr-24	00:18:06	24	86.6	B733	Commercial Jet	A	9
2023-Apr-24	00:39:37	26	85.4	B738	Commercial Jet	A	9
2023-Apr-24	08:23:58	32	89.6	B738	Commercial Jet	D	27
2023-Apr-24	10:23:21	33	87.9	E190	Regional Jet	D	27
2023-Apr-24	15:43:39	34	90.4	B738	Commercial Jet	D	27
2023-Apr-24	21:43:57	37	86.1	B762	Commercial Jet	D	27
2023-Apr-25	16:12:03	65	103	IL76	Commercial Jet	D	27
2023-Apr-25	18:11:26	29	85.1	B38M	Commercial Jet	D	27
2023-Apr-25	18:16:53	33	87.5	A320	Commercial Jet	D	27
2023-Apr-26	09:29:13	30	86.4	B738	Commercial Jet	D	27
2023-Apr-26	10:34:21	41	90.6	B738	Commercial Jet	D	27
2023-Apr-26	13:51:37	59	88.9	MD82	Commercial Jet	D	27
2023-Apr-26	16:44:26	26	85.2	B738	Commercial Jet	D	27
2023-Apr-27	12:49:53	32	90.1	B738	Commercial Jet	D	
2023-Apr-27	14:14:21	47	88.9	B763	Commercial Jet	D	27
2023-Apr-27	14:42:19	47	89.4	MD82	Commercial Jet	D	27
2023-Apr-27	17:57:07	52	85.8	B738	Commercial Jet	D	27
2023-Apr-28	09:37:53	31	88.3	B738	Commercial Jet	D	27
2023-Apr-28	10:12:17	70	89.3	MD82	Commercial Jet	D	27
2023-Apr-28	13:39:07	33	89.9	B738	Commercial Jet	D	27
2023-Apr-28	13:50:19	20	85.9	C30J	Turboprop	D	27

2023-Apr-28	21:46:26	49	85.3	B752	Commercial Jet	D	27
2023-Apr-28	23:14:39	37	85.3	B738	Commercial Jet	D	27
2023-Apr-29	14:38:22	41	86.1	A321	Commercial Jet	D	27
2023-Apr-29	15:44:42	37	90.1	B763	Commercial Jet	D	27
2023-Apr-29	16:10:18	27	87	B738	Commercial Jet	D	27
2023-Apr-29	22:41:29	32	86.5	B738	Commercial Jet	D	27
2023-Apr-30	09:20:12	31	90.4	B738	Commercial Jet	D	27
2023-Apr-30	12:42:51	37	89.1	B738	Commercial Jet	D	27
2023-Apr-30	14:58:42	36	87.7	B738	Commercial Jet	D	
2023-Apr-30	15:12:30	32	85.1	A321	Commercial Jet	D	27
2023-Apr-30	17:04:56	29	90.2	B738	Commercial Jet	D	27



EVENTS Lmax - April 2023

Monitor W3

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Apr-01	17:41:04	39	85.7	B738	Commercial Jet	D	27
2023-Apr-02	14:55:45	49	85.1	B738	Commercial Jet	D	27
2023-Apr-05	13:50:34	77	89.1	MD82	Commercial Jet	D	27
2023-Apr-10	08:12:15	60	86	B738	Commercial Jet	D	27
2023-Apr-12	07:42:17	54	87.6	MD82	Commercial Jet	D	27
2023-Apr-13	14:20:06	34	86.9	B738	Commercial Jet	D	27
2023-Apr-16	09:51:55	32	86.3	B738	Commercial Jet	D	27
2023-Apr-16	14:53:05	33	85.3	B738	Commercial Jet	D	27
2023-Apr-16	15:32:27	39	85.4	B738	Commercial Jet	D	27
2023-Apr-16	16:28:03	45	85.3	B738	Commercial Jet	D	27
2023-Apr-20	16:04:46	45	86.8	B763	Commercial Jet	D	27
2023-Apr-20	16:48:06	18	86.4	C56X	Business Jet	T	9
2023-Apr-22	17:37:29	52	86	B738	Commercial Jet	D	27
2023-Apr-23	22:26:37	53	85.9	P180	Turboprop	A	9
2023-Apr-25	16:12:16	56	95.8	IL76	Commercial Jet	D	27
2023-Apr-26	10:34:35	60	86	B738	Commercial Jet	D	27
2023-Apr-28	13:50:32	21	86.8	C30J	Turboprop	D	27
2023-Apr-29	15:44:55	34	87.1	B763	Commercial Jet	D	27
2023-Apr-30	12:43:05	41	85.7	B738	Commercial Jet	D	27



EVENTS Lmax - April 2023

Monitor W4

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Apr-03	15:35:00	21	85.3	B738	Commercial Jet	A	9
2023-Apr-03	17:41:48	25	85.1	E195	Commercial Jet	A	9
2023-Apr-03	20:32:49	24	85.8	B738	Commercial Jet	A	9
2023-Apr-10	08:12:17	33	85.2	B738	Commercial Jet	D	27
2023-Apr-12	07:42:20	39	85.2	MD82	Commercial Jet	D	27
2023-Apr-14	09:02:29	20	85.2	B752	Commercial Jet	A	9
2023-Apr-14	09:53:30	27	86.8	B772	Commercial Jet	A	9
2023-Apr-17	11:58:40	25	86.8	B738	Commercial Jet	A	9
2023-Apr-17	14:46:49	24	86.6	B763	Commercial Jet	A	9
2023-Apr-17	20:25:29	24	85.8	B738	Commercial Jet	A	9

2023-Apr-18	09:41:28	27	86.6	AT72	Turboprop	A	9
2023-Apr-20	16:04:50	29	85.8	B763	Commercial Jet	D	27
2023-Apr-20	16:31:35	14	85.7	C56X	Business Jet	T	27
2023-Apr-22	14:02:37	16	85.5	B733	Commercial Jet	A	9
2023-Apr-22	17:37:33	28	85.7	B738	Commercial Jet	D	27
2023-Apr-22	20:43:18	21	85.1	B738	Commercial Jet	A	9
2023-Apr-22	22:49:16	35	86.9	B772	Commercial Jet	A	9
2023-Apr-23	13:35:48	15	85.2	B734	Commercial Jet	A	9
2023-Apr-23	14:32:45	24	86.7	B744	Commercial Jet	A	9
2023-Apr-23	22:26:27	42	86.9	P180	Turboprop	A	9
2023-Apr-23	22:30:19	26	85.2	B738	Commercial Jet	A	9
2023-Apr-25	16:12:26	40	88.9	IL76	Commercial Jet	D	27
2023-Apr-29	15:44:57	24	85.2	B763	Commercial Jet	D	27



EVENTS Lmax - April 2023

Monitor W5

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Apr-16	18:31:57	85	86.3	B738	Commercial Jet	D	27



EVENTS Lmax - April 2023

Monitor E2

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Apr-09	14:32:56	62	85.7	MD82	Commercial Jet	D	9
2023-Apr-10	14:01:09	58	87	MD82	Commercial Jet	D	9

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



EVENTS Lmax - May 2023

Monitor W2

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-May-01	08:09:38	27	86.7	B38M	Commercial Jet	D	27
2023-May-01	18:54:54	43	87.2	P180	Turboprop	A	9
2023-May-01	20:56:28	22	85.5	B738	Commercial Jet	A	9
2023-May-02	07:53:42	36	88.6	B744	Commercial Jet	A	9
2023-May-02	08:23:34	38	85.1	B738	Commercial Jet	A	9
2023-May-02	16:15:58	55	87.3	M18	Helicopter	A	9
2023-May-02	16:58:19	22	87.3	MD82	Commercial Jet	A	9
2023-May-02	20:37:55	30	89.6	P180	Turboprop	A	9
2023-May-03	10:33:08	40	86.7	B738	Commercial Jet	A	9
2023-May-03	14:45:52	42	85.8	A320	Commercial Jet	A	9
2023-May-03	20:38:53	35	89.8	B744	Commercial Jet	A	9
2023-May-04	13:17:42	24	85.9	B738	Commercial Jet	A	9
2023-May-04	23:34:39	28	86.3	B738	Commercial Jet	A	9
2023-May-05	07:36:34	29	88.6	B738	Commercial Jet	D	27
2023-May-05	08:48:21	65	91.1	MD82	Commercial Jet	D	27
2023-May-05	09:43:38	31	90.4	B738	Commercial Jet	D	27
2023-May-05	12:32:44	26	87.2	A21N	Commercial Jet	D	27
2023-May-05	12:53:26	50	85.4	A320	Commercial Jet	D	27
2023-May-05	15:46:08	113	90	M18	Helicopter	A	9
2023-May-05	18:15:35	41	85.2	B738	Commercial Jet	D	27
2023-May-05	19:15:28	32	88	A320	Commercial Jet	D	27
2023-May-05	23:01:08	63	85.2	B738	Commercial Jet	D	27
2023-May-06	10:55:55	33	87	M18	Helicopter	A	9
2023-May-06	10:56:34	69	89.4	M18	Helicopter	A	9
2023-May-06	11:48:13	30	85.5	B738	Commercial Jet	D	27
2023-May-06	12:12:09	41	91.3	B738	Commercial Jet	D	27
2023-May-06	14:00:54	29	85.5	A319	Commercial Jet	A	9
2023-May-06	14:44:40	20	86.7	B733	Commercial Jet	A	9
2023-May-06	15:46:25	52	87.6	M28	Turboprop	A	9
2023-May-06	21:59:00	42	85.4	B738	Commercial Jet	D	27
2023-May-07	09:16:09	30	91.5	B738	Commercial Jet	D	27
2023-May-07	10:37:33	39	90.7	B738	Commercial Jet	D	27
2023-May-07	22:14:46	24	85.5	B733	Commercial Jet	A	9
2023-May-08	08:10:55	32	90.4	B738	Commercial Jet	D	27
2023-May-08	09:56:02	40	90.7	B763	Commercial Jet	D	27
2023-May-08	14:45:12	22	85.2	B38M	Commercial Jet	D	27
2023-May-08	18:40:32	37	89	B738	Commercial Jet	D	27
2023-May-08	19:18:23	43	86	A320	Commercial Jet	D	27
2023-May-08	20:14:42	43	85.7	A320	Commercial Jet	D	27
2023-May-08	20:23:01	32	86.5	B733	Commercial Jet	D	27
2023-May-08	22:38:48	47	85.1	B738	Commercial Jet	D	27
2023-May-09	08:40:03	64	87.8	AT72	Turboprop	A	9
2023-May-09	13:58:29	30	86.8	A320	Commercial Jet	A	9
2023-May-09	15:32:26	64	85.9	AT76	Turboprop	A	9
2023-May-10	08:31:22	78	85.2	B738	Commercial Jet	A	9
2023-May-10	09:16:31	26	86.3	AT72	Turboprop	A	9

Месечни доклади за шум

Приложение 5

2023-May-11	05:55:18	35	86.8	B763	Commercial Jet	A	9
2023-May-11	11:32:08	70	85.9	B738	Commercial Jet	A	9
2023-May-11	13:39:57	65	85.7	A320	Commercial Jet	A	9
2023-May-11	13:52:32	23	85.1	E195	Commercial Jet	A	9
2023-May-11	14:38:50	51	85.1	B763	Commercial Jet	A	9
2023-May-11	18:06:32	29	85.1	A320	Commercial Jet	A	9
2023-May-11	21:39:05	29	85.3	B738	Commercial Jet	A	9
2023-May-12	08:36:19	23	86.2	B738	Commercial Jet	A	9
2023-May-12	09:48:52	30	86.4	B738	Commercial Jet	A	9
2023-May-12	11:32:36	27	85.2	B738	Commercial Jet	A	9
2023-May-13	11:24:25	35	89.8	B738	Commercial Jet	D	27
2023-May-13	12:32:24	31	91.8	B738	Commercial Jet	D	27
2023-May-13	14:36:01	37	85.6	A320	Commercial Jet	D	27
2023-May-13	15:01:53	24	87.2	A21N	Commercial Jet	D	27
2023-May-13	22:03:14	25	86	B733	Commercial Jet	A	9
2023-May-14	13:44:37	27	86.2	MD82	Commercial Jet	A	9
2023-May-14	17:02:06	32	88.4	P180	Turboprop	A	9
2023-May-14	18:07:20	23	85.3	B738	Commercial Jet	A	9
2023-May-15	00:03:05	30	85.3	A320	Commercial Jet	A	9
2023-May-15	06:45:09	39	87.5	B762	Commercial Jet	A	9
2023-May-15	11:17:41	23	87.1	B734	Commercial Jet	A	9
2023-May-15	20:25:26	32	85.8	B739	Commercial Jet	A	9
2023-May-15	22:52:08	28	85.1	B738	Commercial Jet	A	9
2023-May-15	22:58:39	27	87	A320	Commercial Jet	A	9
2023-May-16	06:04:07	31	88.4	B772	Commercial Jet	A	9
2023-May-16	08:27:16	27	85.2	B738	Commercial Jet	A	9
2023-May-16	08:41:35	41	85.6	B752	Commercial Jet	A	9
2023-May-17	09:49:39	35	85.7	AT72	Turboprop	A	9
2023-May-17	11:07:23	118	85.8	B763	Commercial Jet	A	9
2023-May-17	14:10:12	26	85.3	A320	Commercial Jet	A	9
2023-May-17	16:55:58	29	87.4	P180	Turboprop	A	9
2023-May-17	20:52:25	24	85.1	B738	Commercial Jet	A	9
2023-May-17	22:05:55	46	86.4	B738	Commercial Jet	D	27
2023-May-18	18:37:42	48	85.5	B738	Commercial Jet	D	27
2023-May-18	18:52:50	29	85.2	E195	Commercial Jet	D	27
2023-May-18	20:37:16	25	87.1	B38M	Commercial Jet	D	27
2023-May-18	22:26:57	36	85.6	B738	Commercial Jet	D	27
2023-May-19	07:02:38	35	93.7	AN26	Turboprop	D	27
2023-May-19	08:36:44	118	86.6	B733	Commercial Jet	D	27
2023-May-19	12:12:22	23	86.1	B38M	Commercial Jet	D	27
2023-May-19	13:20:38	38	88.6	A320	Commercial Jet	A	9
2023-May-19	17:45:37	21	86.6	MD82	Commercial Jet	A	9
2023-May-19	21:53:22	53	86	B738	Commercial Jet	D	27
2023-May-20	18:42:23	22	85.4	B733	Commercial Jet	A	9
2023-May-20	21:35:04	35	87.7	B738	Commercial Jet	D	27
2023-May-21	10:39:20	38	89.8	B738	Commercial Jet	D	27
2023-May-22	06:52:10	31	87.8	B762	Commercial Jet	A	9
2023-May-22	10:28:06	29	86.8	A321	Commercial Jet	D	27
2023-May-22	14:23:22	49	85.2	A321	Commercial Jet	A	9
2023-May-23	11:38:27	23	86.6	B38M	Commercial Jet	D	27
2023-May-23	12:28:26	29	91	A320	Commercial Jet	D	27
2023-May-23	12:45:03	33	88.9	A320	Commercial Jet	D	27

Месечни доклади за шум

Приложение 5

2023-May-23	22:36:39	55	85.6	B738	Commercial Jet	D	27
2023-May-24	00:39:05	54	91.4	B772	Commercial Jet	D	27
2023-May-24	14:03:43	32	89.9	B738	Commercial Jet	D	27
2023-May-24	14:07:51	26	90.4	A320	Commercial Jet	D	27
2023-May-24	15:30:38	20	86.4	B38M	Commercial Jet	D	27
2023-May-24	15:55:27	27	86.7	E190	Regional Jet	D	27
2023-May-25	09:40:06	31	91.6	B772	Commercial Jet	D	27
2023-May-25	13:10:28	33	89.9	B738	Commercial Jet	D	27
2023-May-25	17:12:17	22	85.5	H25B	Business Jet	D	27
2023-May-25	18:39:36	118	87.7	B733	Commercial Jet	A	9
2023-May-25	21:42:26	31	85.4	B738	Commercial Jet	A	9
2023-May-25	22:48:15	57	85.9	B738	Commercial Jet	D	27
2023-May-26	10:50:36	25	91.2	B772	Commercial Jet	D	27
2023-May-26	11:15:39	33	92.1	A321	Commercial Jet	D	27
2023-May-26	11:58:39	26	86	B38M	Commercial Jet	D	27
2023-May-26	13:17:52	42	91.4	MD82	Commercial Jet	D	27
2023-May-26	14:25:22	32	86	A320	Commercial Jet	D	27
2023-May-26	16:23:09	26	95.6	AN12	Turboprop	D	27
2023-May-26	20:15:10	31	85.9	B738	Commercial Jet	A	9
2023-May-26	21:22:59	43	85.6	B738	Commercial Jet	D	27
2023-May-27	09:02:56	42	91.7	MD82	Commercial Jet	D	27
2023-May-27	11:36:57	39	85.1	B738	Commercial Jet	D	27
2023-May-27	12:07:25	40	85.7	B738	Commercial Jet	D	27
2023-May-27	21:37:28	27	86.6	B738	Commercial Jet	D	27
2023-May-28	09:36:45	28	90.7	B738	Commercial Jet	D	27
2023-May-28	10:48:01	32	85.9	B738	Commercial Jet	D	27
2023-May-28	18:19:39	32	86.7	B738	Commercial Jet	A	9
2023-May-28	20:30:04	35	85.6	P180	Turboprop	A	9
2023-May-28	20:33:22	28	85.7	B738	Commercial Jet	A	9
2023-May-29	08:21:51	41	86.1	B738	Commercial Jet	D	27
2023-May-29	13:39:21	47	86.5	B738	Commercial Jet	D	27
2023-May-29	15:35:56	27	86.6	P180	Turboprop	A	9
2023-May-29	21:37:43	49	89.1	B762	Commercial Jet	D	27
2023-May-31	00:20:47	35	85.5	B738	Commercial Jet	A	9
2023-May-31	09:21:44	51	91.5	MD82	Commercial Jet	D	27
2023-May-31	10:10:14	22	88.1	B738	Commercial Jet	D	27
2023-May-31	15:47:15	22	85.6		Unknown	A	9
2023-May-31	18:37:58	33	90.9	B738	Commercial Jet	D	27
2023-May-31	18:44:34	26	88	E195	Commercial Jet	D	27
2023-May-31	22:56:05	32	86.6	B738	Commercial Jet	D	27



AIRPORT

EVENTS Lmax - May 2023

Monitor W3

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-May-03	20:38:39	41	87.2	B744	Commercial Jet	A	9
2023-May-05	07:36:50	41	85.6	B738	Commercial Jet	D	27
2023-May-05	09:43:55	48	85.6	B738	Commercial Jet	D	27
2023-May-05	15:45:12	92	90.8	M18	Helicopter	A	9
2023-May-06	10:55:37	99	91.9	M18	Helicopter	A	9
2023-May-06	12:12:21	45	86.4	B738	Commercial Jet	D	27

2023-May-07	09:16:23	34	86	B738	Commercial Jet	D	27
2023-May-08	08:11:10	32	86.5	B738	Commercial Jet	D	27
2023-May-08	09:56:14	35	87.2	B763	Commercial Jet	D	27
2023-May-13	11:24:41	35	86.2	B738	Commercial Jet	D	27
2023-May-14	17:01:52	40	87.5	P180	Turboprop	A	9
2023-May-21	10:39:33	34	86.3	B738	Commercial Jet	D	27
2023-May-22	11:05:24	48	85.2	B738	Commercial Jet	D	27
2023-May-24	00:39:18	64	88.1	B772	Commercial Jet	D	27
2023-May-24	14:03:54	34	85.1	B738	Commercial Jet	D	27
2023-May-25	09:40:23	32	86	B772	Commercial Jet	D	27
2023-May-25	13:10:41	47	85.7	B738	Commercial Jet	D	27
2023-May-26	10:50:48	34	85.6	B772	Commercial Jet	D	27
2023-May-26	16:23:23	29	91.8	AN12	Turboprop	D	27
2023-May-27	09:03:09	60	88.4	MD82	Commercial Jet	D	27
2023-May-28	09:36:59	39	86	B738	Commercial Jet	D	27
2023-May-29	21:37:55	34	85.3	B762	Commercial Jet	D	27
2023-May-31	18:38:08	35	86.4	B738	Commercial Jet	D	27



EVENTS Lmax - May 2023

Monitor W4

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-May-01	13:53:25	19	85.5	A321	Commercial Jet	A	9
2023-May-01	18:54:29	31	87.8	P180	Turboprop	A	9
2023-May-02	07:53:19	30	87.6	B744	Commercial Jet	A	9
2023-May-02	20:37:31	32	88.4	P180	Turboprop	A	9
2023-May-03	08:57:10	29	86.6	AT72	Turboprop	A	9
2023-May-03	10:32:45	26	87	B738	Commercial Jet	A	9
2023-May-03	19:39:36	24	85.8	B738	Commercial Jet	A	9
2023-May-03	20:38:33	30	90.8	B744	Commercial Jet	A	9
2023-May-05	07:36:53	28	85.6	B738	Commercial Jet	D	27
2023-May-05	09:43:59	30	85.6	B738	Commercial Jet	D	27
2023-May-05	16:57:28	24	86.5	B733	Commercial Jet	A	9
2023-May-06	12:12:25	29	86.1	B738	Commercial Jet	D	27
2023-May-06	14:44:17	16	85.1	B733	Commercial Jet	A	9
2023-May-06	16:46:12	16	86.9	B733	Commercial Jet	A	9
2023-May-07	22:14:26	26	85.6	B733	Commercial Jet	A	9
2023-May-08	08:11:11	26	86	B738	Commercial Jet	D	27
2023-May-09	08:23:00	24	85.7	B739	Commercial Jet	A	9
2023-May-09	08:39:34	24	85.3	AT72	Turboprop	A	9
2023-May-09	13:46:54	30	86.5	A320	Commercial Jet	A	9
2023-May-09	22:29:56	30	85.4	A320	Commercial Jet	A	9
2023-May-10	09:16:02	33	85.9	AT72	Turboprop	A	9
2023-May-10	17:38:14	17	85.3	B738	Commercial Jet	A	9
2023-May-10	20:10:19	21	85.8	B738	Commercial Jet	A	9
2023-May-10	23:42:47	29	85.1	A320	Commercial Jet	A	9
2023-May-11	05:54:55	39	88.1	B763	Commercial Jet	A	9
2023-May-11	08:38:05	24	86.8	B752	Commercial Jet	A	9
2023-May-11	11:31:46	28	85.7	B738	Commercial Jet	A	9
2023-May-11	12:15:59	25	85.8	B738	Commercial Jet	A	9
2023-May-11	20:15:35	21	86.1	B738	Commercial Jet	A	9

2023-May-11	21:38:45	24	85.4	B738	Commercial Jet	A	9
2023-May-12	00:11:45	28	85.1	B38M	Commercial Jet	A	9
2023-May-12	00:19:32	34	85.3	B738	Commercial Jet	A	9
2023-May-12	08:35:56	28	85.6	B738	Commercial Jet	A	9
2023-May-12	09:48:28	54	86.4	B738	Commercial Jet	A	9
2023-May-12	11:32:14	28	85.8	B738	Commercial Jet	A	9
2023-May-12	18:04:44	24	85.5	A320	Commercial Jet	A	9
2023-May-13	01:33:01	30	85.1	B738	Commercial Jet	A	9
2023-May-13	22:02:53	35	85.7	B733	Commercial Jet	A	9
2023-May-14	13:44:15	21	85.7	MD82	Commercial Jet	A	9
2023-May-14	17:01:43	25	88.8	P180	Turboprop	A	9
2023-May-15	06:44:45	28	87.6	B762	Commercial Jet	A	9
2023-May-15	10:04:29	26	85.6	B738	Commercial Jet	A	9
2023-May-15	11:48:06	25	85.6	B738	Commercial Jet	A	9
2023-May-15	20:25:04	18	85.6	B739	Commercial Jet	A	9
2023-May-16	06:03:46	26	88.1	B772	Commercial Jet	A	9
2023-May-16	08:26:56	23	85.8	B738	Commercial Jet	A	9
2023-May-16	11:51:57	24	86.3	A320	Commercial Jet	A	9
2023-May-16	18:36:15	17	85.2	A320	Commercial Jet	A	9
2023-May-17	08:37:34	22	85.9	B752	Commercial Jet	A	9
2023-May-17	11:07:02	31	87	B763	Commercial Jet	A	9
2023-May-17	16:55:34	39	88.3	P180	Turboprop	A	9
2023-May-17	18:36:06	19	85.4	MD82	Commercial Jet	A	9
2023-May-20	13:50:40	29	85.4	A320	Commercial Jet	A	9
2023-May-20	14:59:19	20	85.1	A321	Commercial Jet	A	9
2023-May-20	15:13:28	26	85.7	B738	Commercial Jet	A	9
2023-May-22	00:41:18	27	88.4	B733	Commercial Jet	A	9
2023-May-22	06:51:49	26	87.5	B762	Commercial Jet	A	9
2023-May-23	08:25:42	17	85.4	B752	Commercial Jet	A	9
2023-May-24	00:39:22	36	87	B772	Commercial Jet	D	27
2023-May-24	14:03:59	25	85.6	B738	Commercial Jet	D	27
2023-May-25	13:10:45	32	85.7	B738	Commercial Jet	D	27
2023-May-25	18:39:14	22	88.9	B733	Commercial Jet	A	9
2023-May-26	10:50:50	27	85.3	B772	Commercial Jet	D	27
2023-May-26	16:23:27	24	92.8	AN12	Turboprop	D	27
2023-May-27	14:05:32	19	89.1	MD82	Commercial Jet	A	9
2023-May-28	09:37:06	27	85.7	B738	Commercial Jet	D	27
2023-May-28	20:29:42	32	88.4	P180	Turboprop	A	9
2023-May-29	14:43:44	24	85.6	B738	Commercial Jet	A	9
2023-May-29	15:35:34	29	87.9	P180	Turboprop	A	9
2023-May-31	14:45:31	118	86.2	A320	Commercial Jet	A	9
2023-May-31	15:46:49	16	85.4		Unknown	A	9

EVENTS Lmax - May 2023

Monitor W5



Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-May-19	13:35:57	8	90.9	A320	Commercial Jet	A	9
2023-May-29	15:35:03	28	85.3	P180	Turboprop	A	9



EVENTS Lmax - May 2023

Monitor W6

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-May-05	10:32:19	21	94.8	SU25	Military	D	9
2023-May-05	15:43:30	42	88.3	MI8	Helicopter	A	9
2023-May-06	10:53:42	71	91.2	MI8	Helicopter	A	9
2023-May-06	10:55:18	19	85.3	C27J	Turboprop	A	9

Военни ВС изпълняващи тренировачни (на 5 май) и демонстративни полети по случай 6 май - Ден на храбростта и празник на Българската армия.

Монитор E2 не е регистрирал авиационни шумови събития с максимално ниво на шума Lmax по-високи от 85 dB(A) през м. май 2023 г.



EVENTS Lmax - June 2023

Monitor W2

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Jun-01	09:05:26	29	87.8	E190	Regional Jet	D	27
2023-Jun-01	09:56:50	40	86.7	B738	Commercial Jet	D	27
2023-Jun-01	12:48:06	28	87.2	A320	Commercial Jet	D	27
2023-Jun-01	13:20:35	31	86.7	A321	Commercial Jet	D	27
2023-Jun-01	14:47:28	33	89.7	B763	Commercial Jet	D	27
2023-Jun-01	20:29:46	44	93.2	B772	Commercial Jet	D	27
2023-Jun-01	20:51:50	29	85.6	B38M	Commercial Jet	D	27
2023-Jun-01	22:03:16	35	87.1	P180	Turboprop	A	9
2023-Jun-01	23:14:44	40	86.1	B738	Commercial Jet	D	27
2023-Jun-02	17:33:57	22	87.8	B38M	Commercial Jet	D	27
2023-Jun-02	20:25:48	26	87.3	E190	Regional Jet	D	27
2023-Jun-02	21:44:13	34	87.4	B752	Commercial Jet	D	27
2023-Jun-03	09:05:53	43	90.8	MD82	Commercial Jet	D	27
2023-Jun-03	09:14:39	32	90.7	B738	Commercial Jet	D	27
2023-Jun-03	09:28:34	22	85.9	B38M	Commercial Jet	D	27
2023-Jun-03	10:48:44	26	88.3	E190	Regional Jet	D	27
2023-Jun-03	19:00:05	44	85.4	A321	Commercial Jet	D	27
2023-Jun-03	22:00:17	118	91.7	B38M	Commercial Jet	D	9
2023-Jun-05	09:39:48	46	86	B738	Commercial Jet	A	9
2023-Jun-05	15:51:38	21	85.7	B738	Commercial Jet	A	9
2023-Jun-07	11:51:52	32	86.7	P180	Turboprop	A	9
2023-Jun-08	02:26:41	29	86.2	B763	Commercial Jet	A	9
2023-Jun-08	21:40:13	21	85.1	B738	Commercial Jet	A	9
2023-Jun-08	23:30:58	31	85.2	B738	Commercial Jet	A	9
2023-Jun-08	23:57:32	28	86	B738	Commercial Jet	A	9
2023-Jun-09	01:36:12	40	93.8	B763	Commercial Jet	A	9
2023-Jun-09	06:28:09	29	87.2	A321	Commercial Jet	D	27
2023-Jun-09	08:23:16	33	85.9	P180	Turboprop	D	27
2023-Jun-09	12:15:10	26	87.5	A320	Commercial Jet	D	27
2023-Jun-09	14:48:10	49	85.6	A320	Commercial Jet	D	27
2023-Jun-09	16:03:24	40	85.2	B738	Commercial Jet	A	9
2023-Jun-09	18:16:14	35	85.9	B738	Commercial Jet	D	27
2023-Jun-09	18:57:53	42	89.3	P180	Turboprop	A	9
2023-Jun-09	21:29:24	40	85.5	B738	Commercial Jet	D	27
2023-Jun-09	22:07:17	38	88.3	B763	Commercial Jet	D	27
2023-Jun-09	22:32:50	43	85.2	B738	Commercial Jet	D	27
2023-Jun-10	09:06:31	47	92.3	MD82	Commercial Jet	D	27
2023-Jun-10	13:29:38	26	86.3	E195	Commercial Jet	D	27
2023-Jun-10	14:03:12	34	85.2	A320	Commercial Jet	D	27
2023-Jun-10	19:55:30	26	85.4	E195	Commercial Jet	D	27
2023-Jun-10	21:20:52	22	89.7	MD82	Commercial Jet	A	9
2023-Jun-11	09:13:07	30	91.1	B738	Commercial Jet	D	27
2023-Jun-11	09:41:02	34	90.2	B738	Commercial Jet	D	27
2023-Jun-11	10:49:45	39	90.1	B738	Commercial Jet	D	27
2023-Jun-11	16:27:42	23	87.1	MD82	Commercial Jet	A	9

Месечни доклади за шум

Приложение 6

2023-Jun-11	20:51:33	17	85.4	B739	Commercial Jet	A	9
2023-Jun-12	06:41:36	23	85.6	B38M	Commercial Jet	D	27
2023-Jun-12	08:21:56	49	90.2	MD82	Commercial Jet	D	27
2023-Jun-12	09:19:45	22	85.3	7M8	Unknown	D	27
2023-Jun-12	09:48:21	21	88	B738	Commercial Jet	D	27
2023-Jun-12	13:23:37	40	85.9	B738	Commercial Jet	D	27
2023-Jun-12	14:12:14	39	100.4	C17	Military	D	27
2023-Jun-13	16:10:15	33	85.3	E190	Regional Jet	D	27
2023-Jun-13	18:21:29	38	85.1	B738	Commercial Jet	D	27
2023-Jun-13	18:34:52	37	85.4	E75S	Regional Jet	D	27
2023-Jun-13	19:08:03	32	86.8	E190	Regional Jet	D	27
2023-Jun-14	09:19:55	46	88.3	MD82	Commercial Jet	D	27
2023-Jun-14	11:23:11	20	86.1	B38M	Commercial Jet	D	27
2023-Jun-14	19:05:45	26	85.2	B738	Commercial Jet	A	9
2023-Jun-14	19:25:34	24	86.8	MD82	Commercial Jet	A	9
2023-Jun-14	20:21:25	22	85.3	B738	Commercial Jet	A	9
2023-Jun-15	08:09:47	118	95.2	MD82	Commercial Jet	D	27
2023-Jun-15	08:20:44	118	86.2	A320	Commercial Jet	D	27
2023-Jun-15	09:52:44	45	85.8	B738	Commercial Jet	D	27
2023-Jun-15	12:20:58	17	85.5	AT76	Turboprop	A	9
2023-Jun-15	12:59:52	21	86	B738	Commercial Jet	A	9
2023-Jun-15	14:56:11	32	85.5	E190	Regional Jet	D	27
2023-Jun-15	15:01:09	34	92.7	B763	Commercial Jet	D	27
2023-Jun-15	15:28:24	29	86	A320	Commercial Jet	D	27
2023-Jun-15	20:37:50	26	85.5	A320	Commercial Jet	D	27
2023-Jun-15	21:12:48	56	85.8	B738	Commercial Jet	D	27
2023-Jun-15	21:20:03	118	86.1	B738	Commercial Jet	A	9
2023-Jun-15	22:18:31	56	85.9	B738	Commercial Jet	D	27
2023-Jun-16	09:02:27	25	85.7	AT72	Turboprop	A	9
2023-Jun-16	10:04:12	24	85.2	B739	Commercial Jet	A	9
2023-Jun-16	10:37:21	25	85.5	MD82	Commercial Jet	A	9
2023-Jun-16	11:50:15	31	86.1	B738	Commercial Jet	A	9
2023-Jun-16	18:10:47	30	85.4	B772	Commercial Jet	A	9
2023-Jun-16	21:29:57	36	85.1	B752	Commercial Jet	D	27
2023-Jun-16	21:32:43	32	88.7	B772	Commercial Jet	D	27
2023-Jun-17	08:47:21	31	85.6	A321	Commercial Jet	D	27
2023-Jun-17	09:10:17	44	89.5	MD82	Commercial Jet	D	27
2023-Jun-17	14:29:15	28	85.3	B38M	Commercial Jet	D	27
2023-Jun-17	18:01:50	54	87.4	B738	Commercial Jet	D	27
2023-Jun-17	20:05:17	38	85.4	A321	Commercial Jet	D	27
2023-Jun-18	06:50:20	36	86.2	A320	Commercial Jet	D	27
2023-Jun-18	08:11:32	95	87.6	B763	Commercial Jet	D	27
2023-Jun-18	09:36:12	32	88	B738	Commercial Jet	D	27
2023-Jun-18	10:47:36	28	87.2	B738	Commercial Jet	D	27
2023-Jun-18	14:22:12	31	85.3	A320	Commercial Jet	D	27
2023-Jun-18	17:04:02	83	86.8	B738	Commercial Jet	D	27
2023-Jun-18	20:59:32	34	86.5	B738	Commercial Jet	D	27
2023-Jun-19	08:10:27	118	90.3	B738	Commercial Jet	D	27
2023-Jun-19	08:33:37	118	89.5	MD82	Commercial Jet	D	27
2023-Jun-19	16:24:18	23	85.4	A21N	Commercial Jet	D	27
2023-Jun-19	18:34:30	30	88.3	E195	Commercial Jet	D	27

Месечни доклади за шум

Приложение 6

2023-Jun-20	10:28:37	25	86.3	E190	Regional Jet	D	27
2023-Jun-20	10:30:59	27	88.8	B738	Commercial Jet	D	27
2023-Jun-20	11:32:37	23	85.2	B738	Commercial Jet	D	27
2023-Jun-20	21:26:03	48	90.3	B738	Commercial Jet	D	27
2023-Jun-21	09:21:19	32	87.7	B738	Commercial Jet	D	27
2023-Jun-21	10:04:01	26	88.8	B738	Commercial Jet	D	27
2023-Jun-21	10:47:18	33	85.3	B738	Commercial Jet	D	27
2023-Jun-21	11:13:34	22	86.1	B38M	Commercial Jet	D	27
2023-Jun-21	11:19:28	22	86.4	B38M	Commercial Jet	D	27
2023-Jun-21	11:38:29	24	85.9	E190	Regional Jet	D	27
2023-Jun-21	16:16:22	24	85.2	B38M	Commercial Jet	D	27
2023-Jun-21	19:27:17	26	87.2	A320	Commercial Jet	D	27
2023-Jun-22	10:20:10	25	89.2	E190	Regional Jet	D	27
2023-Jun-22	12:38:01	27	86.5	E195	Commercial Jet	D	27
2023-Jun-22	14:29:02	18	85.4	B38M	Commercial Jet	D	27
2023-Jun-22	14:36:01	33	94	B763	Commercial Jet	D	27
2023-Jun-23	02:23:17	23	87.6	B738	Commercial Jet	D	27
2023-Jun-23	11:30:38	25	85.8	B738	Commercial Jet	D	27
2023-Jun-23	11:53:51	36	85.5	B738	Commercial Jet	D	27
2023-Jun-23	12:13:57	26	87.8	E190	Regional Jet	D	27
2023-Jun-23	13:34:59	29	88.4	A320	Commercial Jet	D	27
2023-Jun-23	14:13:31	27	90.2	A320	Commercial Jet	D	27
2023-Jun-23	22:48:47	35	85.1	A320	Commercial Jet	A	9
2023-Jun-24	00:26:03	43	85.3	B738	Commercial Jet	D	27
2023-Jun-24	08:53:12	22	85.4	B733	Commercial Jet	A	9
2023-Jun-24	13:21:43	21	86.6	A20N	Commercial Jet	D	27
2023-Jun-24	13:28:20	32	85.2	B738	Commercial Jet	D	27
2023-Jun-24	16:42:18	118	88.1	MD82	Commercial Jet	D	27
2023-Jun-24	20:00:40	21	86.3	B738	Commercial Jet	A	9
2023-Jun-24	21:03:04	27	86.7	B738	Commercial Jet	D	27
2023-Jun-24	21:39:22	43	86.1	MD82	Commercial Jet	A	9
2023-Jun-25	04:31:15	44	85.5	B762	Commercial Jet	D	27
2023-Jun-25	07:39:03	31	86.3	A320	Commercial Jet	D	27
2023-Jun-25	07:42:53	31	85.7	A320	Commercial Jet	D	27
2023-Jun-25	09:24:09	42	91.5	B738	Commercial Jet	D	27
2023-Jun-25	10:45:45	30	87.8	B738	Commercial Jet	D	27
2023-Jun-25	11:34:47	25	85.6	B738	Commercial Jet	D	27
2023-Jun-25	15:42:47	27	85.4	B738	Commercial Jet	D	27
2023-Jun-25	15:59:19	29	86.5	E190	Regional Jet	D	27
2023-Jun-25	21:02:33	48	88.7	B738	Commercial Jet	D	27
2023-Jun-26	07:25:25	33	86.4	A320	Commercial Jet	D	27
2023-Jun-26	08:07:32	26	88.9	B738	Commercial Jet	D	27
2023-Jun-26	08:28:00	48	89.2	MD82	Commercial Jet	D	27
2023-Jun-26	09:09:03	35	88.5	B738	Commercial Jet	D	27
2023-Jun-26	12:38:55	56	85.5	E195	Commercial Jet	D	27
2023-Jun-26	12:41:22	31	89.9	B738	Commercial Jet	D	27
2023-Jun-26	13:09:44	27	87.7	A321	Commercial Jet	D	27
2023-Jun-26	16:45:52	41	85.9	B738	Commercial Jet	D	27
2023-Jun-26	22:01:15	48	87.6	B738	Commercial Jet	D	27
2023-Jun-26	22:09:27	63	86.7	B762	Commercial Jet	D	27
2023-Jun-27	13:30:48	33	85.5	A320	Commercial Jet	D	27

2023-Jun-27	15:02:05	29	85.7	E195	Commercial Jet	D	27
2023-Jun-27	21:14:52	32	86.1	A21N	Commercial Jet	D	27
2023-Jun-28	11:49:23	24	88.8	E190	Regional Jet	D	27
2023-Jun-28	21:59:59	41	85.2	B738	Commercial Jet	D	27
2023-Jun-28	22:14:14	34	88.7	B772	Commercial Jet	D	27
2023-Jun-29	08:09:31	46	91.1	MD82	Commercial Jet	D	27
2023-Jun-29	12:42:25	23	92.3	B772	Commercial Jet	D	27
2023-Jun-29	12:55:46	30	88.8	B738	Commercial Jet	D	27
2023-Jun-29	14:12:46	37	88.8	B763	Commercial Jet	D	27
2023-Jun-29	23:06:16	44	85.1	B738	Commercial Jet	D	27
2023-Jun-30	09:50:16	29	91	B738	Commercial Jet	D	27
2023-Jun-30	11:45:26	52	99.6	C17	Military	D	27
2023-Jun-30	16:41:09	32	88.7	B738	Commercial Jet	D	27



EVENTS Lmax - June 2023

Monitor W3

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Jun-01	14:47:41	35	86.5	B763	Commercial Jet	D	27
2023-Jun-01	20:30:00	42	86.6	B772	Commercial Jet	D	27
2023-Jun-03	09:14:52	37	86.5	B738	Commercial Jet	D	27
2023-Jun-03	12:24:01	45	87.3	B738	Commercial Jet	D	27
2023-Jun-09	01:36:04	38	86.3	B763	Commercial Jet	A	9
2023-Jun-09	18:57:40	40	85.5	P180	Turboprop	A	9
2023-Jun-10	09:06:43	37	89	MD82	Commercial Jet	D	27
2023-Jun-11	09:13:19	34	86.9	B738	Commercial Jet	D	27
2023-Jun-11	09:41:16	34	85.6	B738	Commercial Jet	D	27
2023-Jun-11	10:49:59	33	85.6	B738	Commercial Jet	D	27
2023-Jun-12	08:22:09	44	89.5	MD82	Commercial Jet	D	27
2023-Jun-12	14:12:23	35	96.3	C17	Military	D	27
2023-Jun-15	08:09:57	41	90.6	MD82	Commercial Jet	D	27
2023-Jun-15	15:01:20	43	89.2	B763	Commercial Jet	D	27
2023-Jun-16	21:32:54	34	86.1	B772	Commercial Jet	D	27
2023-Jun-17	09:10:29	57	85.6	MD82	Commercial Jet	D	27
2023-Jun-18	17:12:34	36	85.2	B738	Commercial Jet	D	27
2023-Jun-20	21:26:15	31	85.6	B738	Commercial Jet	D	27
2023-Jun-22	14:36:12	28	89.3	B763	Commercial Jet	D	27
2023-Jun-25	09:24:19	40	85.9	B738	Commercial Jet	D	27
2023-Jun-26	08:07:48	48	85.6	B738	Commercial Jet	D	27
2023-Jun-28	22:14:27	35	85.6	B772	Commercial Jet	D	27
2023-Jun-29	08:09:47	78	85.3	MD82	Commercial Jet	D	27
2023-Jun-29	12:42:41	31	85.3	B772	Commercial Jet	D	27
2023-Jun-29	14:12:58	38	86.9	B763	Commercial Jet	D	27
2023-Jun-30	09:50:29	38	86.3	B738	Commercial Jet	D	27
2023-Jun-30	11:45:38	45	95.5	C17	Military	D	27



EVENTS Lmax - June 2023

Monitor W4

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Jun-01	20:29:59	25	88.2	B772	Commercial Jet	D	27
2023-Jun-01	22:02:51	37	88	P180	Turboprop	A	9
2023-Jun-01	22:11:42	27	85.5	B738	Commercial Jet	A	9
2023-Jun-03	12:24:06	27	86.1	B738	Commercial Jet	D	27
2023-Jun-03	15:34:57	18	85.1	B738	Commercial Jet	A	9
2023-Jun-03	23:15:18	25	85.7	A321	Commercial Jet	A	9
2023-Jun-04	11:38:57	18	85.2	E195	Commercial Jet	A	9
2023-Jun-05	09:39:28	34	86.7	B738	Commercial Jet	A	9
2023-Jun-05	15:51:20	19	85.1	B738	Commercial Jet	A	9
2023-Jun-06	08:50:48	21	86.2	AT72	Turboprop	A	9
2023-Jun-07	09:11:25	20	85.8	AT72	Turboprop	A	9
2023-Jun-07	11:51:28	28	88.2	P180	Turboprop	A	9
2023-Jun-07	15:07:54	18	85.5	B733	Commercial Jet	A	9
2023-Jun-07	18:49:24	18	87.1	MD82	Commercial Jet	A	9
2023-Jun-08	02:26:19	36	86.2	B763	Commercial Jet	A	9
2023-Jun-08	21:39:54	29	85.4	B738	Commercial Jet	A	9
2023-Jun-08	23:57:11	33	85.3	B738	Commercial Jet	A	9
2023-Jun-09	01:35:56	38	87.8	B763	Commercial Jet	A	9
2023-Jun-09	01:57:35	27	85.1	B738	Commercial Jet	A	9
2023-Jun-09	16:03:03	18	85.8	B738	Commercial Jet	A	9
2023-Jun-09	18:57:30	22	87.6	P180	Turboprop	A	9
2023-Jun-10	20:52:24	21	85.1	B738	Commercial Jet	A	9
2023-Jun-10	21:20:35	26	88.2	MD82	Commercial Jet	A	9
2023-Jun-11	16:27:22	18	86.3	MD82	Commercial Jet	A	9
2023-Jun-12	08:22:16	37	86	MD82	Commercial Jet	D	27
2023-Jun-12	14:12:29	29	92.3	C17	Military	D	27
2023-Jun-12	17:59:57	24	85.3	A320	Commercial Jet	A	9
2023-Jun-13	12:11:19	23	85.4	A320	Commercial Jet	A	9
2023-Jun-14	13:33:44	18	85.4	A321	Commercial Jet	A	9
2023-Jun-14	19:05:24	20	85.3	B738	Commercial Jet	A	9
2023-Jun-14	19:25:08	19	85.6	MD82	Commercial Jet	A	9
2023-Jun-14	20:21:05	24	85.4	B738	Commercial Jet	A	9
2023-Jun-14	21:12:09	23	85.4	A320	Commercial Jet	A	9
2023-Jun-15	13:18:33	21	85.6	A320	Commercial Jet	A	9
2023-Jun-15	21:19:41	31	87.6	B738	Commercial Jet	A	9
2023-Jun-16	08:50:47	22	86.2	B752	Commercial Jet	A	9
2023-Jun-16	09:02:00	20	85.1	AT72	Turboprop	A	9
2023-Jun-16	10:03:52	23	86.6	B739	Commercial Jet	A	9
2023-Jun-16	10:36:57	19	85.8	MD82	Commercial Jet	A	9
2023-Jun-16	18:10:19	30	87.2	B772	Commercial Jet	A	9
2023-Jun-22	14:36:16	25	86.4	B763	Commercial Jet	D	27
2023-Jun-23	21:52:05	30	85.5	B738	Commercial Jet	A	9
2023-Jun-24	08:52:52	18	87.1	B733	Commercial Jet	A	9
2023-Jun-24	16:42:37	43	85.5	MD82	Commercial Jet	D	27
2023-Jun-24	20:27:12	18	85.5	A320	Commercial Jet	A	9

2023-Jun-24	21:39:03	23	86.1	MD82	Commercial Jet	A	9
2023-Jun-25	09:24:25	28	85.8	B738	Commercial Jet	D	27
2023-Jun-29	12:42:38	30	86.2	B772	Commercial Jet	D	27
2023-Jun-29	12:56:04	51	85.7	B738	Commercial Jet	D	27
2023-Jun-30	11:45:40	35	93.7	C17	Military	D	27



EVENTS Lmax - June 2023

Monitor W6

AIRPORT

Date	Max Time	Duration (sec)	Max Level	Aircraft Type	Aircraft Category	Operation Type	Runway Name
2023-Jun-05	09:27:17	120	87.9	AT75	Turboprop	A	9

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

ТРИМЕСЕЧЕН ДОКЛАД ЗА ПЕРИОДА АПРИЛ-ЮНИ 2023 ГОДИНА

РЕЗУЛТАТИ

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

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

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

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

Адрес: град Бургас, летище Бургас

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

тел. 056/870 202, факс: 056/870 203

3. Типове въздухоплавателни средства, опериращи на летище Бургас

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

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

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

Системата за мониторинг на шума е инсталира 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.

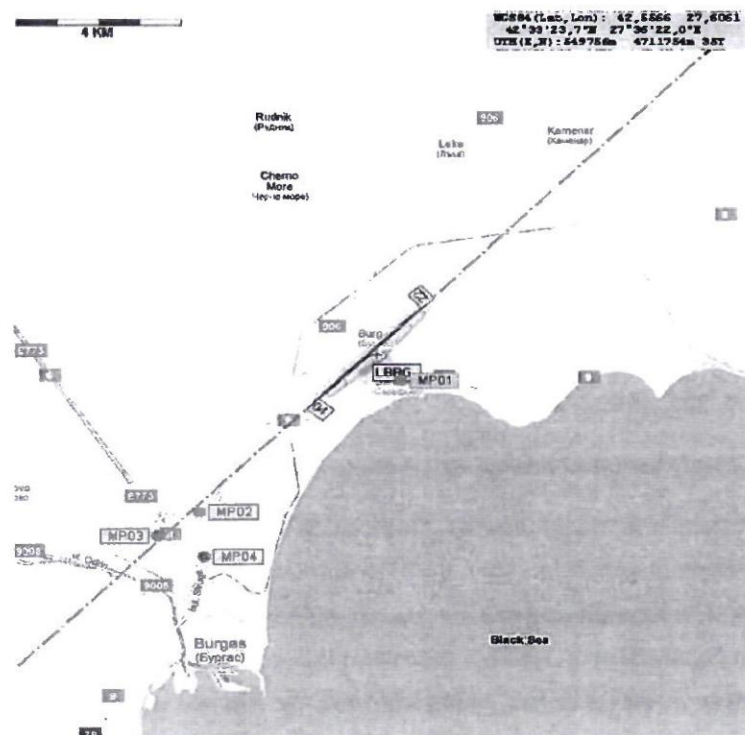
Конкретните локации за разполагане на терминалните станции са както следва:

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 „Звезда-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 2-ро тримесечие на 2023 г. за районите, разположени в близост до летище Бургас, където са инсталирани и стационарните терминали за мониторинг на шума е представено в табличен вид - Приложение № 2 съответно за м. април, м. май, м. юни.

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

В Приложения № 3 в табличен вид са представени денонощните еквивалентни нива на шума, дневните, вечерните и нощните еквивалентни нива, разпределени по дни от месеците на разглеждания период, както и регистрираните еквивалентни нива на шум от шумови събития, свързани с полети 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		
	Април 2023 г.	Май 2023 г.	Юни 2023 г.
MP01	308	652	2357
MP02	99	285	1074
MP03	99	285	1074
MP04	99	285	1074

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 април, май и юни 2023 г.

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:



Мая Христова

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

Traffic by Aircraft Type
April 2023



AC-Type	AC-Type Long Name	Movements per Month			Sum
		April	May	June	
A109	AgustaWestland AW-109	0	6	4	10
A124	Antonov An-124 Ruslan	2	6	6	14
A20N	Airbus A320neo	0	0	6	6
A21N	Airbus A321neo	0	6	72	78
A30B	Airbus A300-B2/-B4/-C4	2	0	0	2
A319	Airbus A319	0	6	32	38
A320	Airbus A320	23	136	623	782
A321	Airbus A321	7	16	86	109
A332	Airbus A330-200	6	1	0	7
AN12	Antonov An-12	4	7	4	15
AS3B	Eurocopter AS-332L2 Super Puma Mk2	0	0	4	4
AS50	Eurocopter AS-350 Ecureuil	0	4	0	4
ASTR	IAI 1125 Astra	0	0	2	2
AT72	ATR 72-200	0	2	0	2
B350	Beech King Air 350	0	0	3	3
B38M	Boeing 737 MAX 8	38	76	189	303
B429	Bell 429 GlobalRanger	1	0	0	1
B733	Boeing 737-300	0	13	120	133
B737	Boeing 737-700	2	4	47	53
B738	Boeing 737-800	108	278	862	1248
B739	Boeing 737-900	0	0	16	16
B744	Boeing 747-400	2	0	0	2
B752	Boeing 757-200	0	2	6	8
B753	Boeing 757-300	4	4	20	28
B762	Boeing 767-200	4	7	5	16
B77L	Boeing 777-200LR	0	2	0	2
B788	Boeing 787-8 Dreamliner	0	6	8	14
BCS3	Bombardier BD-500 CSeries CS300	0	6	6	12
BE20	Beech King Air 200	4	0	0	4
BE36	Beech 36 Bonanza	0	0	2	2
C17	C-17 Globemaster 3	2	0	2	4
C172	Cessna 172 Skyhawk	10	0	0	10
C27J	Alenia C-27J Spartan	2	0	6	8
C30J	Lockheed Martin C-130J Hercules	0	2	4	6
C525	Cessna 525 Citation CJ1	0	0	2	2
C560	Cessna 560 Citation 5	0	2	0	2
C56X	Cessna 560XL Citation Excel	2	2	0	4
C68A	Cessna 680A Citation Latitude	0	0	18	18
CL30	Bombardier BD-100 Challenger 300	0	2	0	2
CL60	Bombardier CL-600 Challenger 600	0	0	4	4
D228	Dornier 228	0	0	4	4
DV20	Diamond DV-20 Katana	0	0	2	2
E190	Embraer ERJ 190-100	0	0	4	4
E35L	Embraer EMB-135BJ Legacy	0	0	2	2
E50P	Embraer EMB-500 Phenom 100	0	0	2	2
F2TH	Dassault Falcon 2000	2	6	2	10
FA7X	Dassault Falcon 7X	2	0	1	3
FA8X	Dassault Falcon 8X	0	2	0	2
G2CA		0	2	0	2
GALX	IAI 1126 Galaxy	0	0	4	4
GL7T		0	0	4	4
GLEX	Bombardier BD-700 Global Express	0	0	4	4
H47	Boeing Vertol 234	6	4	0	10

Traffic by Aircraft Type
April 2023



AC-Type	AC-Type Long Name	Movements per Month			Sum
		April	May	June	
H60	Sikorsky HH-60	46	6	0	52
H64		22	0	0	22
IL76	Ilyushin Il-76	0	5	9	14
K35E	Boeing KC-135E	0	2	0	2
K35R	Boeing KC-135R	0	4	0	4
KA32		0	0	4	4
LBPD		0	2	0	2
LJ35	Bombardier Learjet 35/36	2	2	0	4
LRTR		0	0	2	2
M7		0	0	2	2
MD82	McDonnell Douglas MD-82	0	11	134	145
MI8	Mil Mi-8/-9/-17/-19/-171/-172	0	0	4	4
P180	Plagglo P-180 Avanti	0	2	0	2
P46T	Piper PA-46-500TP Malibu Meridian	0	0	2	2
PC12	Pilatus PC-12	2	6	8	16
PC6T	Pilatus PC-6A/6B/6C Turbo-Porter	2	0	0	2
R66	Robinson R-66	0	2	0	2
S208		1	1	0	2
S22T	Cirrus SR22 Turbo	0	0	2	2
SR22	Cirrus SR-22	0	0	2	2
Sum		308	653	2357	3318

**Equivalent Continuous Sound Level
MP01 NMTBOJ001**

April 2023

	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
4/1/2023	*	*	*	*	*
4/2/2023	*	*	*	*	*
4/3/2023	*	*	*	*	*
4/4/2023	*	*	*	*	*
4/5/2023	*	*	*	*	*
4/6/2023	*	*	*	*	*
4/7/2023	*	*	*	*	*
4/8/2023	*	*	*	*	*
4/9/2023	*	*	*	*	*
4/10/2023	*	*	*	*	*
4/11/2023	*	*	*	*	*
4/12/2023	*	*	*	*	*
4/13/2023	*	*	*	*	*
4/14/2023	*	*	*	*	*
4/15/2023	*	*	*	*	*
4/16/2023	*	*	*	*	*
4/17/2023	*	*	*	*	*
4/18/2023	*	*	*	*	*
4/19/2023	*	*	*	*	*
4/20/2023	*	*	*	*	*
4/21/2023	*	*	*	*	*
4/22/2023	*	*	*	*	*
4/23/2023	*	*	*	*	*
4/24/2023	*	*	*	*	*
4/25/2023	*	*	*	*	*
4/26/2023	*	*	*	*	*
4/27/2023	*	*	*	*	*
4/28/2023	*	*	*	*	*
4/29/2023	*	*	*	*	*
4/30/2023	*	*	*	*	*
Sum	*	*	*	*	*

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
4/1/2023	*	*	*	*	*
4/2/2023	*	*	*	*	*
4/3/2023	*	*	*	*	*
4/4/2023	*	*	*	*	*
4/5/2023	*	*	*	*	*
4/6/2023	*	*	*	*	*
4/7/2023	*	*	*	*	*
4/8/2023	*	*	*	*	*
4/9/2023	*	*	*	*	*
4/10/2023	*	*	*	*	*
4/11/2023	*	*	*	*	*
4/12/2023	*	*	*	*	*
4/13/2023	*	*	*	*	*
4/14/2023	*	*	*	*	*
4/15/2023	*	*	*	*	*
4/16/2023	*	*	*	*	*
4/17/2023	*	*	*	*	*
4/18/2023	*	*	*	*	*
4/19/2023	*	*	*	*	*
4/20/2023	*	*	*	*	*
4/21/2023	*	*	*	*	*
4/22/2023	*	*	*	*	*
4/23/2023	*	*	*	*	*
4/24/2023	*	*	*	*	*
4/25/2023	*	*	*	*	*
4/26/2023	*	*	*	*	*
4/27/2023	*	*	*	*	*
4/28/2023	*	*	*	*	*
4/29/2023	*	*	*	*	*
4/30/2023	*	*	*	*	*
Sum	*	*	*	*	*

* Availability < 50%

Equivalent Continuous Sound Level

MP02 NMTBOJ002

April 2023



	Total Sound [dB(A)]				
	Leq Day	Leq Night/LN	LD	LE	LDEN
4/1/2023	*	*	*	*	*
4/2/2023	*	*	*	*	*
4/3/2023	*	*	*	*	*
4/4/2023	*	*	*	*	*
4/5/2023	*	*	*	*	*
4/6/2023	*	*	*	*	*
4/7/2023	*	*	*	*	*
4/8/2023	*	*	*	*	*
4/9/2023	*	*	*	*	*
4/10/2023	*	*	*	*	*
4/11/2023	*	*	*	*	*
4/12/2023	*	*	*	*	*
4/13/2023	*	*	*	*	*
4/14/2023	*	*	*	*	*
4/15/2023	*	*	*	*	*
4/16/2023	*	*	*	*	*
4/17/2023	*	*	*	*	*
4/18/2023	*	*	*	*	*
4/19/2023	*	*	*	*	*
4/20/2023	*	*	*	*	*
4/21/2023	*	*	*	*	*
4/22/2023	*	*	*	*	*
4/23/2023	*	*	*	*	*
4/24/2023	*	*	*	*	*
4/25/2023	*	*	*	*	*
4/26/2023	*	*	*	*	*
4/27/2023	*	*	*	*	*
4/28/2023	*	*	*	*	*
4/29/2023	*	*	*	*	*
4/30/2023	*	*	*	*	*
Sum	*	*	*	*	*

	Aircraft Sound [dB(A)]				
	Leq Day	Leq Night/LN	LD	LE	LDEN
4/1/2023	*	*	*	*	*
4/2/2023	*	*	*	*	*
4/3/2023	*	*	*	*	*
4/4/2023	*	*	*	*	*
4/5/2023	*	*	*	*	*
4/6/2023	*	*	*	*	*
4/7/2023	*	*	*	*	*
4/8/2023	*	*	*	*	*
4/9/2023	*	*	*	*	*
4/10/2023	*	*	*	*	*
4/11/2023	*	*	*	*	*
4/12/2023	*	*	*	*	*
4/13/2023	*	*	*	*	*
4/14/2023	*	*	*	*	*
4/15/2023	*	*	*	*	*
4/16/2023	*	*	*	*	*
4/17/2023	*	*	*	*	*
4/18/2023	*	*	*	*	*
4/19/2023	*	*	*	*	*
4/20/2023	*	*	*	*	*
4/21/2023	*	*	*	*	*
4/22/2023	*	*	*	*	*
4/23/2023	*	*	*	*	*
4/24/2023	*	*	*	*	*
4/25/2023	*	*	*	*	*
4/26/2023	*	*	*	*	*
4/27/2023	*	*	*	*	*
4/28/2023	*	*	*	*	*
4/29/2023	*	*	*	*	*
4/30/2023	*	*	*	*	*
Sum	*	*	*	*	*

* Availability < 50%

Equivalent Continuous Sound Level

MP04 NMTBOJ004

April 2023



	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
4/1/2023	*	*	*	*	*
4/2/2023	*	*	*	*	*
4/3/2023	*	*	*	*	*
4/4/2023	*	*	*	*	*
4/5/2023	*	*	*	*	*
4/6/2023	*	*	*	*	*
4/7/2023	*	*	*	*	*
4/8/2023	*	*	*	*	*
4/9/2023	*	*	*	*	*
4/10/2023	*	*	*	*	*
4/11/2023	*	*	*	*	*
4/12/2023	*	*	*	*	*
4/13/2023	*	*	*	*	*
4/14/2023	*	*	*	*	*
4/15/2023	*	*	*	*	*
4/16/2023	*	*	*	*	*
4/17/2023	*	*	*	*	*
4/18/2023	*	*	*	*	*
4/19/2023	*	*	*	*	*
4/20/2023	*	*	*	*	*
4/21/2023	*	*	*	*	*
4/22/2023	*	*	*	*	*
4/23/2023	*	*	*	*	*
4/24/2023	*	*	*	*	*
4/25/2023	*	*	*	*	*
4/26/2023	*	*	*	*	*
4/27/2023	*	*	*	*	*
4/28/2023	*	*	*	*	*
4/29/2023	*	*	*	*	*
4/30/2023	*	*	*	*	*
Sum	*	*	*	*	*

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
4/1/2023	*	*	*	*	*
4/2/2023	*	*	*	*	*
4/3/2023	*	*	*	*	*
4/4/2023	*	*	*	*	*
4/5/2023	*	*	*	*	*
4/6/2023	*	*	*	*	*
4/7/2023	*	*	*	*	*
4/8/2023	*	*	*	*	*
4/9/2023	*	*	*	*	*
4/10/2023	*	*	*	*	*
4/11/2023	*	*	*	*	*
4/12/2023	*	*	*	*	*
4/13/2023	*	*	*	*	*
4/14/2023	*	*	*	*	*
4/15/2023	*	*	*	*	*
4/16/2023	*	*	*	*	*
4/17/2023	*	*	*	*	*
4/18/2023	*	*	*	*	*
4/19/2023	*	*	*	*	*
4/20/2023	*	*	*	*	*
4/21/2023	*	*	*	*	*
4/22/2023	*	*	*	*	*
4/23/2023	*	*	*	*	*
4/24/2023	*	*	*	*	*
4/25/2023	*	*	*	*	*
4/26/2023	*	*	*	*	*
4/27/2023	*	*	*	*	*
4/28/2023	*	*	*	*	*
4/29/2023	*	*	*	*	*
4/30/2023	*	*	*	*	*
Sum	*	*	*	*	*

* Availability < 50%

Equivalent Continuous Sound Level

MP01 NMTBOJ001

May 2023



	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
5/1/2023	*	*	*	*	*
5/2/2023	*	*	*	*	*
5/3/2023	*	*	*	*	*
5/4/2023	*	*	*	*	*
5/5/2023	*	*	*	*	*
5/6/2023	*	*	*	*	*
5/7/2023	*	*	*	*	*
5/8/2023	*	*	*	*	*
5/9/2023	*	*	*	*	*
5/10/2023	*	*	*	*	*
5/11/2023	*	*	*	*	*
5/12/2023	*	*	*	*	*
5/13/2023	*	*	*	*	*
5/14/2023	*	*	*	*	*
5/15/2023	*	*	*	*	*
5/16/2023	62.6	*	62.8	62.2	*
5/17/2023	*	*	*	*	*
5/18/2023	*	*	*	*	*
5/19/2023	*	*	*	*	*
5/20/2023	62.9	62.2	62.6	63.4	69.1
5/21/2023	63.0	64.0	63.0	63.0	70.4
5/22/2023	61.8	63.5	61.9	61.4	69.5
5/23/2023	62.3	62.4	62.5	61.8	68.7
5/24/2023	62.5	62.4	62.5	62.6	68.9
5/25/2023	61.8	61.8	61.9	61.4	68.2
5/26/2023	63.0	63.5	61.4	65.8	70.1
5/27/2023	65.7	62.8	66.0	64.9	70.0
5/28/2023	61.7	62.8	61.5	62.2	69.0
5/29/2023	61.4	62.3	60.8	62.8	68.6
5/30/2023	62.9	63.8	62.2	64.5	70.1
5/31/2023	63.6	65.2	63.1	64.7	71.4
Sum	*	*	*	*	*

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
5/1/2023	*	*	*	*	*
5/2/2023	*	*	*	*	*
5/3/2023	*	*	*	*	*
5/4/2023	*	*	*	*	*
5/5/2023	*	*	*	*	*
5/6/2023	*	*	*	*	*
5/7/2023	*	*	*	*	*
5/8/2023	*	*	*	*	*
5/9/2023	*	*	*	*	*
5/10/2023	*	*	*	*	*
5/11/2023	*	*	*	*	*
5/12/2023	*	*	*	*	*
5/13/2023	*	*	*	*	*
5/14/2023	*	*	*	*	*
5/15/2023	*	*	*	*	*
5/16/2023	*	*	*	*	*
5/17/2023	*	*	*	*	*
5/18/2023	*	*	*	*	*
5/19/2023	*	*	*	*	*
5/20/2023	40.1	*	39.9	40.6	40.5
5/21/2023	*	*	*	*	*
5/22/2023	*	*	*	*	*
5/23/2023	*	*	*	*	*
5/24/2023	*	36.8	*	*	42.0
5/25/2023	*	*	*	*	*
5/26/2023	43.2	38.3	44.4	*	45.6
5/27/2023	48.1	36.0	48.0	48.4	49.1
5/28/2023	37.3	35.6	36.1	39.7	42.8
5/29/2023	42.5	39.7	*	48.5	48.3
5/30/2023	42.5	38.5	42.8	41.6	46.1
5/31/2023	45.0	*	43.9	47.3	46.1
Sum	*	*	*	*	*

* Availability < 50%

Equivalent Continuous Sound Level
 MP02 NMTBOJ002
 May 2023



	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
5/1/2023	*	*	*	*	*
5/2/2023	*	*	*	*	*
5/3/2023	*	*	*	*	*
5/4/2023	*	*	*	*	*
5/5/2023	*	*	*	*	*
5/6/2023	*	*	*	*	*
5/7/2023	*	*	*	*	*
5/8/2023	*	*	*	*	*
5/9/2023	*	*	*	*	*
5/10/2023	*	*	*	*	*
5/11/2023	*	*	*	*	*
5/12/2023	*	*	*	*	*
5/13/2023	*	*	*	*	*
5/14/2023	*	*	*	*	*
5/15/2023	*	*	*	*	*
5/16/2023	45.3	*	45.1	45.8	*
5/17/2023	46.0	45.6	46.5	44.0	52.0
5/18/2023	46.2	44.2	46.4	45.6	51.2
5/19/2023	45.5	45.4	45.6	45.3	52.1
5/20/2023	44.9	45.6	44.9	44.8	52.1
5/21/2023	45.1	45.4	44.9	45.5	52.0
5/22/2023	45.5	45.2	45.5	45.5	51.7
5/23/2023	45.4	45.7	45.5	44.9	51.9
5/24/2023	44.6	45.1	44.5	45.0	51.4
5/25/2023	45.5	45.3	45.6	45.3	51.8
5/26/2023	45.3	45.4	45.4	45.2	51.8
5/27/2023	44.3	43.8	44.0	45.0	50.4
5/28/2023	43.5	43.3	43.7	42.8	49.7
5/29/2023	45.5	43.6	45.7	44.6	50.4
5/30/2023	44.9	44.1	44.8	45.2	50.8
5/31/2023	44.7	43.9	44.5	45.4	50.6
Sum	*	*	*	45.1	*

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

* Availability < 50%

Equivalent Continuous Sound Level

MP04 NMTBOJ004

May 2023



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

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

* Availability < 50%

**Equivalent Continuous Sound Level
MP01 NMTBOJ001**



June 2023

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
6/1/2023	64.6	65.8	64.6	64.5	72.0	45.6		45.4	46.2	45.9
6/2/2023	64.2	63.3	64.2	64.4	69.9	48.0		47.7	48.6	48.3
6/3/2023	63.5	63.2	63.7	62.9	69.6	39.7		41.0		37.9
6/4/2023	60.8	63.0	60.0	62.3	69.4					
6/5/2023	64.4	62.7	64.4	64.6	69.6	44.9		45.8	40.8	44.0
6/6/2023	64.3	65.1	64.7	63.1	71.4	38.0		39.4		36.2
6/7/2023	62.7	62.6	62.8	62.3	68.9					
6/8/2023	62.0	61.8	61.5	63.0	68.3					
6/9/2023	*	*	*	*	*	*	*	*	*	*
6/10/2023	62.8	64.5	62.9	62.5	70.5					
6/11/2023	61.9	63.3	62.0	61.7	69.4	32.0	36.7		38.0	42.7
6/12/2023	65.5	62.6	65.3	66.0	69.9	46.4		45.9	47.7	47.0
6/13/2023	63.8	63.6	63.2	65.3	70.2	43.1		40.4	46.8	44.9
6/14/2023	63.2	65.6	62.9	63.9	71.6					
6/15/2023	63.4	63.3	63.1	64.5	69.8	44.6		45.0	42.8	44.1
6/16/2023	62.5	63.0	62.4	62.9	69.3	36.3	35.7		42.4	43.3
6/17/2023	66.5	63.6	66.6	66.1	70.8	47.4	45.8	48.7		52.1
6/18/2023	65.3	66.4	64.4	67.1	71.8	44.7		45.0	43.9	45.3
6/19/2023	65.1	65.6	64.5	66.2	72.5	42.8		43.5	40.7	42.3
6/20/2023	64.0	65.1	63.9	64.1	71.2	44.0	39.1	44.4	42.5	47.0
6/21/2023	64.4	65.0	63.9	65.9	71.4	44.1	39.0	45.0	38.0	46.7
6/22/2023	64.8	64.7	64.9	64.3	71.1	45.9		47.2		44.2
6/23/2023	65.7	65.4	66.1	63.8	71.7	47.1		48.0	42.0	46.0
6/24/2023	63.8	62.8	64.0	63.2	69.4	40.8	39.4	42.0		45.7
6/25/2023	64.3	61.7	64.4	64.2	68.9	44.2	36.7	45.5		45.2
6/26/2023	63.5	63.0	62.9	64.7	69.6	37.5		38.7		35.7
6/27/2023	62.8	62.1	62.1	64.5	68.9	43.9	35.5	40.4	48.1	47.1
6/28/2023	60.5	62.6	60.3	61.1	68.6		33.0			38.2
6/29/2023	63.1	61.6	62.9	63.6	68.5	46.3		46.2	46.5	46.5
6/30/2023	62.1	62.9	61.6	63.3	69.2	45.1		43.6	47.9	46.4
Sum	63.8	63.8	63.7	64.2	70.2	43.4	34.6	43.7	42.6	44.9

* Availability < 50%

**Equivalent Continuous Sound Level
MP04 NMTBOJ004**



June 2023

	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
6/1/2023	*	*	*	*	*
6/2/2023	*	*	*	*	*
6/3/2023	*	*	*	*	*
6/4/2023	*	*	*	*	*
6/5/2023	*	*	*	*	*
6/6/2023	*	*	*	*	*
6/7/2023	*	*	*	*	*
6/8/2023	*	*	*	*	*
6/9/2023	*	*	*	*	*
6/10/2023	*	*	*	*	*
6/11/2023	*	*	*	*	*
6/12/2023	*	*	*	*	*
6/13/2023	*	*	*	*	*
6/14/2023	*	*	*	*	*
6/15/2023	*	*	*	*	*
6/16/2023	*	*	*	*	*
6/17/2023	*	*	*	*	*
6/18/2023	*	*	*	*	*
6/19/2023	*	*	*	*	*
6/20/2023	*	*	*	*	*
6/21/2023	*	*	*	*	*
6/22/2023	*	*	*	*	*
6/23/2023	*	*	*	*	*
6/24/2023	*	*	*	*	*
6/25/2023	*	*	*	*	*
6/26/2023	*	*	*	*	*
6/27/2023	*	*	*	*	*
6/28/2023	*	*	*	*	*
6/29/2023	*	*	*	*	*
6/30/2023	*	*	*	*	*
Sum	*	*	*	*	*

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
6/1/2023	*	*	*	*	*
6/2/2023	*	*	*	*	*
6/3/2023	*	*	*	*	*
6/4/2023	*	*	*	*	*
6/5/2023	*	*	*	*	*
6/6/2023	*	*	*	*	*
6/7/2023	*	*	*	*	*
6/8/2023	*	*	*	*	*
6/9/2023	*	*	*	*	*
6/10/2023	*	*	*	*	*
6/11/2023	*	*	*	*	*
6/12/2023	*	*	*	*	*
6/13/2023	*	*	*	*	*
6/14/2023	*	*	*	*	*
6/15/2023	*	*	*	*	*
6/16/2023	*	*	*	*	*
6/17/2023	*	*	*	*	*
6/18/2023	*	*	*	*	*
6/19/2023	*	*	*	*	*
6/20/2023	*	*	*	*	*
6/21/2023	*	*	*	*	*
6/22/2023	*	*	*	*	*
6/23/2023	*	*	*	*	*
6/24/2023	*	*	*	*	*
6/25/2023	*	*	*	*	*
6/26/2023	*	*	*	*	*
6/27/2023	*	*	*	*	*
6/28/2023	*	*	*	*	*
6/29/2023	*	*	*	*	*
6/30/2023	*	*	*	*	*
Sum	*	*	*	*	*

* Availability < 50%

NMT Statistics
MP01 NMTBOJ001
April 2023

	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
4/1/2023	0	0	10	10	0.0		0.0	T	*	*	*		
4/2/2023	0	0	12	12	0.0		0.0	T	*	*	*		
4/3/2023	0	0	8	8	0.0		0.0	T	*	*	*		
4/4/2023	0	0	6	6	0.0		0.0	T	*	*	*		
4/5/2023	0	0	0	0			0.0	T	*	*	*		
4/6/2023	0	0	16	16	0.0		0.0	T	*	*	*		
4/7/2023	0	0	10	10	0.0		0.0	T	*	*	*		
4/8/2023	0	0	13	13	0.0		0.0	T	*	*	*		
4/9/2023	0	0	8	8	0.0		0.0	T	*	*	*		
4/10/2023	0	0	8	8	0.0		0.0	T	*	*	*		
4/11/2023	0	0	6	6	0.0		0.0	T	*	*	*		
4/12/2023	0	0	2	2	0.0		0.0	T	*	*	*		
4/13/2023	0	0	19	19	0.0		0.0	T	*	*	*		
4/14/2023	0	0	0	0			0.0	T	*	*	*		
4/15/2023	0	0	11	11	0.0		0.0	T	*	*	*		
4/16/2023	0	0	11	11	0.0		0.0	T	*	*	*		
4/17/2023	0	0	7	7	0.0		0.0	T	*	*	*		
4/18/2023	0	0	6	6	0.0		0.0	T	*	*	*		
4/19/2023	0	0	2	2	0.0		0.0	T	*	*	*		
4/20/2023	0	0	10	10	0.0		0.0	T	*	*	*		
4/21/2023	0	0	8	8	0.0		0.0	T	*	*	*		
4/22/2023	0	0	20	20	0.0		0.0	T	*	*	*		
4/23/2023	0	0	22	22	0.0		0.0	T	*	*	*		
4/24/2023	0	0	44	44	0.0		0.0	T	*	*	*		
4/25/2023	0	0	11	11	0.0		0.0	T	*	*	*		
4/26/2023	0	0	2	2	0.0		0.0	T	*	*	*		
4/27/2023	0	0	12	12	0.0		0.0	T	*	*	*		
4/28/2023	0	0	4	4	0.0		0.0	T	*	*	*		
4/29/2023	0	0	11	11	0.0		0.0	T	*	*	*		
4/30/2023	0	0	9	9	0.0		0.0	T	*	*	*		
Sum	0	0	308	308	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
April 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
4/1/2023	0	0	10	4	0.0		0.0	T	*	*	*		
4/2/2023	0	0	12	4	0.0		0.0	T	*	*	*		
4/3/2023	0	0	8	4	0.0		0.0	T	*	*	*		
4/4/2023	0	0	6	3	0.0		0.0	T	*	*	*		
4/5/2023	0	0	0	0			0.0	T	*	*	*		
4/6/2023	0	0	16	5	0.0		0.0	T	*	*	*		
4/7/2023	0	0	10	3	0.0		0.0	T	*	*	*		
4/8/2023	0	0	13	4	0.0		0.0	T	*	*	*		
4/9/2023	0	0	8	2	0.0		0.0	T	*	*	*		
4/10/2023	0	0	8	3	0.0		0.0	T	*	*	*		
4/11/2023	0	0	6	2	0.0		0.0	T	*	*	*		
4/12/2023	0	0	2	0			0.0	T	*	*	*		
4/13/2023	0	0	19	1	0.0		0.0	T	*	*	*		
4/14/2023	0	0	0	0			0.0	T	*	*	*		
4/15/2023	0	0	11	0			0.0	T	*	*	*		
4/16/2023	0	0	11	2	0.0		0.0	T	*	*	*		
4/17/2023	0	0	7	2	0.0		0.0	T	*	*	*		
4/18/2023	0	0	6	2	0.0		0.0	T	*	*	*		
4/19/2023	0	0	2	0			0.0	T	*	*	*		
4/20/2023	0	0	10	2	0.0		0.0	T	*	*	*		
4/21/2023	0	0	8	0			0.0	T	*	*	*		
4/22/2023	0	0	20	6	0.0		0.0	T	*	*	*		
4/23/2023	0	0	22	9	0.0		0.0	T	*	*	*		
4/24/2023	0	0	44	22	0.0		0.0	T	*	*	*		
4/25/2023	0	0	11	3	0.0		0.0	T	*	*	*		
4/26/2023	0	0	2	1	0.0		0.0	T	*	*	*		
4/27/2023	0	0	12	6	0.0		0.0	T	*	*	*		
4/28/2023	0	0	4	2	0.0		0.0	T	*	*	*		
4/29/2023	0	0	11	5	0.0		0.0	T	*	*	*		
4/30/2023	0	0	9	2	0.0		0.0	T	*	*	*		
Sum	0	0	308	99	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
 April 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
4/1/2023	0	0	10	4	0.0		0.0	T	*	*	*		
4/2/2023	0	0	12	4	0.0		93.6	TW	62.3	62.3		58.7	
4/3/2023	0	0	8	4	0.0		87.3	TW	62.4	62.4		58.5	
4/4/2023	0	0	6	3	0.0	0.0	0.0	T	*	*	*		
4/5/2023	0	0	0	0			97.7	TW	65.1	65.1		60.6	
4/6/2023	0	0	16	5	0.0		99.7		63.7	63.7		59.0	
4/7/2023	0	0	10	3	0.0		99.9		63.2	63.2		59.4	
4/8/2023	0	0	13	4	0.0		99.9		62.2	62.2		59.5	
4/9/2023	0	0	8	2	0.0		99.9		63.0	63.0		58.9	
4/10/2023	0	0	8	3	0.0		91.5	TW	62.3	62.3		59.2	
4/11/2023	0	0	6	2	0.0		66.5	TW	62.0	62.0		59.6	
4/12/2023	0	0	2	0			93.6	TW	62.6	62.6		59.5	
4/13/2023	0	0	19	1	0.0	0.0	0.0	T	*	*	*		
4/14/2023	0	0	0	0			89.2	TW	63.3	63.3		59.1	
4/15/2023	0	0	11	0			99.9		64.3	64.3		59.5	
4/16/2023	0	0	11	2	0.0		99.9		64.6	64.6		62.0	
4/17/2023	0	0	7	2	0.0		89.5	TW	64.6	64.6		62.0	
4/18/2023	0	0	6	2	0.0		99.9		65.0	65.0		61.3	
4/19/2023	0	0	2	0			99.7		65.3	65.3		61.1	
4/20/2023	0	0	10	2	0.0		99.9		64.9	64.9		61.0	
4/21/2023	0	0	8	0			99.9		65.3	65.3		60.8	
4/22/2023	0	0	20	6	0.0		99.9		63.7	63.7		60.1	
4/23/2023	0	0	22	9	0.0		99.9		64.7	64.7		60.0	
4/24/2023	0	0	44	22	0.0		99.9		64.4	64.4		61.0	
4/25/2023	0	0	11	3	0.0		99.9		64.6	64.6		61.1	
4/26/2023	0	0	2	1	0.0		99.9		64.2	64.2		61.2	
4/27/2023	0	0	12	6	0.0		93.6	TW	64.0	64.0		60.4	
4/28/2023	0	0	4	2	0.0		93.6	TW	63.8	63.8		59.6	
4/29/2023	0	0	11	5	0.0		99.9		63.2	63.2		59.7	
4/30/2023	0	0	9	2	0.0		99.9		64.0	64.0		59.8	
Sum	0	0	308	99	0.0	0.0	86.5	TW	63.9	63.9		58.5	

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

NMT Statistics
MP04 NMTBOJ004
April 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
4/1/2023	0	0	10	4	0.0		0.0	T	*	*	*		
4/2/2023	0	0	12	4	0.0		0.0	T	*	*	*		
4/3/2023	0	0	8	4	0.0		0.0	T	*	*	*		
4/4/2023	0	0	6	3	0.0		0.0	T	*	*	*		
4/5/2023	0	0	0	0			0.0	T	*	*	*		
4/6/2023	0	0	16	5	0.0		0.0	T	*	*	*		
4/7/2023	0	0	10	3	0.0		0.0	T	*	*	*		
4/8/2023	0	0	13	4	0.0		0.0	T	*	*	*		
4/9/2023	0	0	8	2	0.0		0.0	T	*	*	*		
4/10/2023	0	0	8	3	0.0		0.0	T	*	*	*		
4/11/2023	0	0	6	2	0.0		0.0	T	*	*	*		
4/12/2023	0	0	2	0			0.0	T	*	*	*		
4/13/2023	0	0	19	1	0.0		0.0	T	*	*	*		
4/14/2023	0	0	0	0			0.0	T	*	*	*		
4/15/2023	0	0	11	0			0.0	T	*	*	*		
4/16/2023	0	0	11	2	0.0		0.0	T	*	*	*		
4/17/2023	0	0	7	2	0.0		0.0	T	*	*	*		
4/18/2023	0	0	6	2	0.0		0.0	T	*	*	*		
4/19/2023	0	0	2	0			0.0	T	*	*	*		
4/20/2023	0	0	10	2	0.0		0.0	T	*	*	*		
4/21/2023	0	0	8	0			0.0	T	*	*	*		
4/22/2023	0	0	20	6	0.0		0.0	T	*	*	*		
4/23/2023	0	0	22	9	0.0		0.0	T	*	*	*		
4/24/2023	0	0	44	22	0.0		0.0	T	*	*	*		
4/25/2023	0	0	11	3	0.0		0.0	T	*	*	*		
4/26/2023	0	0	2	1	0.0		0.0	T	*	*	*		
4/27/2023	0	0	12	6	0.0		0.0	T	*	*	*		
4/28/2023	0	0	4	2	0.0		0.0	T	*	*	*		
4/29/2023	0	0	11	5	0.0		0.0	T	*	*	*		
4/30/2023	0	0	9	2	0.0		0.0	T	*	*	*		
Sum	0	0	308	99	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
May 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		Leq [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
5/1/2023	0	0	10	10	0.0		0.0	T	*	*	*		
5/2/2023	0	0	17	17	0.0		0.0	T	*	*	*		
5/3/2023	0	0	6	6	0.0		0.0	T	*	*	*		
5/4/2023	0	0	12	12	0.0		0.0	T	*	*	*		
5/5/2023	0	0	11	11	0.0		0.0	T	*	*	*		
5/6/2023	0	0	15	15	0.0		0.0	T	*	*	*		
5/7/2023	0	0	11	11	0.0		0.0	T	*	*	*		
5/8/2023	0	0	12	12	0.0		0.0	T	*	*	*		
5/9/2023	0	0	21	21	0.0		0.0	T	*	*	*		
5/10/2023	0	0	10	10	0.0		0.0	T	*	*	*		
5/11/2023	0	0	16	16	0.0		0.0	T	*	*	*		
5/12/2023	0	0	19	19	0.0		0.0	T	*	*	*		
5/13/2023	0	0	21	21	0.0		0.0	T	*	*	*		
5/14/2023	0	0	12	12	0.0		0.0	T	*	*	*		
5/15/2023	0	0	26	26	0.0		0.0	T	*	*	*		
5/16/2023	0	0	20	20	0.0		59.1	T	62.6	62.6		59.7	
5/17/2023	0	0	7	7	0.0		0.0	T	*	*	*		
5/18/2023	0	0	18	18	0.0		0.0	T	*	*	*		
5/19/2023	0	0	36	35	0.0		0.0	T	*	*	*		
5/20/2023	17	2	24	24	8.3	11.8	91.6	TW	62.6	62.6	38.2	58.4	69.9
5/21/2023	9	0	12	12	0.0	0.0	93.7	TW	63.4	63.4		59.1	
5/22/2023	1	0	19	19	0.0	0.0	99.9		62.4	62.4		59.0	
5/23/2023	4	0	27	27	0.0	0.0	99.9		62.3	62.3		58.4	
5/24/2023	8	1	15	15	6.7	12.5	99.9		62.5	62.5	32.0	58.4	68.2
5/25/2023	9	0	28	28	0.0	0.0	99.9		61.8	61.8		58.2	
5/26/2023	39	7	46	46	15.2	17.9	99.9		63.2	63.1	42.0	53.0	69.9
5/27/2023	107	14	39	39	35.9	13.1	99.9		65.0	64.9	46.5	51.9	75.1
5/28/2023	64	5	35	35	14.3	7.8	99.9		62.1	62.1	36.8	52.2	68.3
5/29/2023	29	7	36	36	19.4	24.1	99.9		61.7	61.7	41.7	55.4	69.0
5/30/2023	57	6	37	37	16.2	10.5	99.9		63.2	63.2	41.5	53.1	70.6
5/31/2023	22	6	35	35	17.1	27.3	99.9		64.2	64.2	43.2	56.7	74.4
Sum	366	48	653	652	7.4	13.1	40.1	TW	*	*	*	51.9	75.1

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

NMT Statistics
MP02 NMTBOJ002
May 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		Leq [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
5/1/2023	0	0	10	1	0.0		0.0	T	*	*	*		
5/2/2023	0	0	17	5	0.0		0.0	T	*	*	*		
5/3/2023	0	0	6	2	0.0		0.0	T	*	*	*		
5/4/2023	0	0	12	5	0.0		0.0	T	*	*	*		
5/5/2023	0	0	11	4	0.0		0.0	T	*	*	*		
5/6/2023	0	0	15	7	0.0		0.0	T	*	*	*		
5/7/2023	0	0	11	5	0.0		0.0	T	*	*	*		
5/8/2023	0	0	12	4	0.0		0.0	T	*	*	*		
5/9/2023	0	0	21	12	0.0		0.0	T	*	*	*		
5/10/2023	0	0	10	3	0.0		0.0	T	*	*	*		
5/11/2023	0	0	16	9	0.0		0.0	T	*	*	*		
5/12/2023	0	0	19	10	0.0		0.0	T	*	*	*		
5/13/2023	0	0	21	6	0.0		0.0	T	*	*	*		
5/14/2023	0	0	12	5	0.0		0.0	T	*	*	*		
5/15/2023	0	0	26	14	0.0		0.0	T	*	*	*		
5/16/2023	0	0	20	9	0.0		61.1	T	45.4	45.4		43.7	
5/17/2023	0	0	7	1	0.0		99.9		45.9	45.9		43.1	
5/18/2023	0	0	18	5	0.0		95.7	TW	45.6	45.6		43.1	
5/19/2023	0	0	36	11	0.0		91.6	TW	45.4	45.4		43.1	
5/20/2023	0	0	24	12	0.0		91.6	TW	45.2	45.2		42.8	
5/21/2023	0	0	12	5	0.0		93.7	TW	45.2	45.2		42.7	
5/22/2023	0	0	19	8	0.0		99.9		45.4	45.4		43.4	
5/23/2023	0	0	27	12	0.0		99.9		45.5	45.5		42.9	
5/24/2023	0	0	15	6	0.0		99.9		44.8	44.8		42.2	
5/25/2023	0	0	28	11	0.0		99.9		45.5	45.5		42.7	
5/26/2023	0	0	46	19	0.0		99.9		45.4	45.4		42.6	
5/27/2023	0	0	39	16	0.0		99.9		44.1	44.1		42.3	
5/28/2023	0	0	35	17	0.0		99.9		43.4	43.4		42.2	
5/29/2023	0	0	36	21	0.0		99.9		44.9	44.9		42.3	
5/30/2023	0	0	37	22	0.0		99.9		44.7	44.7		42.2	
5/31/2023	0	0	35	18	0.0		99.9		44.5	44.5		42.2	
Sum	0	0	653	285	0.0		49.4	TW	*	*	*	42.2	

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

* Availability < 50%

NMT Statistics
MP03 NMTBOJ003
May 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
5/1/2023	0	0	10	1	0.0		99.9		64.6	64.6		60.7	
5/2/2023	0	0	17	5	0.0		99.9		64.9	64.9		61.1	
5/3/2023	0	0	6	2	0.0		99.9		64.2	64.2		60.1	
5/4/2023	0	0	12	5	0.0		99.9		64.1	64.1		60.0	
5/5/2023	0	0	11	4	0.0		99.9		65.3	65.3		61.6	
5/6/2023	0	0	15	7	0.0		79.0	TW	64.8	64.8		59.7	
5/7/2023	0	0	11	5	0.0		99.9		64.3	64.3		60.5	
5/8/2023	0	0	12	4	0.0		97.6	TW	64.4	64.4		60.3	
5/9/2023	0	0	21	12	0.0		99.9		64.0	64.0		60.2	
5/10/2023	0	0	10	3	0.0		99.9		63.7	63.7		59.4	
5/11/2023	0	0	16	9	0.0		97.8	TW	64.3	64.3		60.4	
5/12/2023	0	0	19	10	0.0		83.2	TW	63.8	63.8		60.9	
5/13/2023	0	0	21	6	0.0		99.9		64.8	64.8		59.7	
5/14/2023	0	0	12	5	0.0		99.9		63.9	63.9		59.7	
5/15/2023	0	0	26	14	0.0		99.9		64.4	64.4		59.6	
5/16/2023	0	0	20	9	0.0		99.7		64.4	64.4		60.2	
5/17/2023	0	0	7	1	0.0		99.9		64.2	64.2		60.3	
5/18/2023	0	0	18	5	0.0		95.7	TW	64.9	64.9		59.6	
5/19/2023	0	0	36	11	0.0		91.6	TW	66.1	66.1		61.0	
5/20/2023	0	0	24	12	0.0		91.6	TW	66.8	66.8		62.6	
5/21/2023	0	0	12	5	0.0		93.7	TW	66.0	66.0		61.5	
5/22/2023	0	0	19	8	0.0		99.9		66.4	66.4		62.0	
5/23/2023	0	0	27	12	0.0		99.9		63.9	63.9		60.2	
5/24/2023	0	0	15	6	0.0		99.9		63.7	63.7		60.3	
5/25/2023	0	0	28	11	0.0		99.9		64.3	64.3		60.8	
5/26/2023	0	0	46	19	0.0		99.9		63.7	63.7		60.5	
5/27/2023	0	0	39	16	0.0		99.9		63.7	63.7		60.2	
5/28/2023	0	0	35	17	0.0		99.9		64.0	64.0		60.0	
5/29/2023	0	0	36	21	0.0		99.9		63.5	63.5		60.0	
5/30/2023	0	0	37	22	0.0		99.9		62.9	62.9		60.1	
5/31/2023	0	0	35	18	0.0		99.9		63.7	63.7		60.6	
Sum	0	0	653	285	0.0		97.7	TW	64.5	64.5		59.4	

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

NMT Statistics
MP04 NMTBOJ004
May 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
5/1/2023	0	0	10	1	0.0		0.0	T	*	*	*		
5/2/2023	0	0	17	5	0.0		0.0	T	*	*	*		
5/3/2023	0	0	6	2	0.0		0.0	T	*	*	*		
5/4/2023	0	0	12	5	0.0		0.0	T	*	*	*		
5/5/2023	0	0	11	4	0.0		0.0	T	*	*	*		
5/6/2023	0	0	15	7	0.0		0.0	T	*	*	*		
5/7/2023	0	0	11	5	0.0		0.0	T	*	*	*		
5/8/2023	0	0	12	4	0.0		0.0	T	*	*	*		
5/9/2023	0	0	21	12	0.0		0.0	T	*	*	*		
5/10/2023	0	0	10	3	0.0		0.0	T	*	*	*		
5/11/2023	0	0	16	9	0.0		0.0	T	*	*	*		
5/12/2023	0	0	19	10	0.0		0.0	T	*	*	*		
5/13/2023	0	0	21	6	0.0		0.0	T	*	*	*		
5/14/2023	0	0	12	5	0.0		0.0	T	*	*	*		
5/15/2023	0	0	26	14	0.0		0.0	T	*	*	*		
5/16/2023	0	0	20	9	0.0		0.0	T	*	*	*		
5/17/2023	0	0	7	1	0.0		0.0	T	*	*	*		
5/18/2023	0	0	18	5	0.0		0.0	T	*	*	*		
5/19/2023	0	0	36	11	0.0		0.0	T	*	*	*		
5/20/2023	0	0	24	12	0.0		0.0	T	*	*	*		
5/21/2023	0	0	12	5	0.0		0.0	T	*	*	*		
5/22/2023	0	0	19	8	0.0		0.0	T	*	*	*		
5/23/2023	0	0	27	12	0.0		0.0	T	*	*	*		
5/24/2023	0	0	15	6	0.0		0.0	T	*	*	*		
5/25/2023	0	0	28	11	0.0		0.0	T	*	*	*		
5/26/2023	0	0	46	19	0.0		0.0	T	*	*	*		
5/27/2023	0	0	39	16	0.0		0.0	T	*	*	*		
5/28/2023	0	0	35	17	0.0		0.0	T	*	*	*		
5/29/2023	0	0	36	21	0.0		0.0	T	*	*	*		
5/30/2023	0	0	37	22	0.0		0.0	T	*	*	*		
5/31/2023	0	0	35	18	0.0		0.0	T	*	*	*		
Sum	0	0	653	285	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
June 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
6/1/2023	42	6	40	40	15.0	14.3	99.9		65.1	65.0	43.8	58.3	72.0
6/2/2023	60	18	84	84	21.4	30.0	99.9		63.9	63.9	46.2	58.3	70.4
6/3/2023	31	3	50	50	6.0	9.7	99.9		63.4	63.4	37.9	58.3	69.8
6/4/2023	4	0	48	48	0.0	0.0	91.6	TW	61.7	61.7		55.0	
6/5/2023	62	9	50	50	18.0	14.5	97.8	TW	63.9	63.9	43.1	56.7	69.6
6/6/2023	8	1	71	71	1.4	12.5	95.7	TW	64.6	64.6	36.2	58.8	68.1
6/7/2023	0	0	45	45	0.0		99.9		62.7	62.7		58.2	
6/8/2023	1	0	48	48	0.0	0.0	99.9		61.9	61.9		57.7	
6/9/2023	0	0	101	101	0.0		0.0	T	*	*	*		
6/10/2023	7	0	52	52	0.0	0.0	99.9		63.4	63.4		57.3	
6/11/2023	17	3	61	61	4.9	17.6	99.9		62.4	62.4	34.2	57.0	64.8
6/12/2023	50	11	53	53	20.8	22.0	99.9		64.7	64.7	44.6	58.0	69.7
6/13/2023	7	4	94	94	4.3	57.1	99.9		63.8	63.7	41.3	57.5	69.9
6/14/2023	8	0	64	64	0.0	0.0	99.9		64.1	64.1		58.1	
6/15/2023	19	5	65	65	7.7	26.3	99.9		63.4	63.4	42.8	58.1	76.6
6/16/2023	6	3	128	128	2.3	50.0	99.9		62.7	62.7	36.1	57.7	64.2
6/17/2023	58	15	70	70	21.4	25.9	99.9		65.7	65.7	46.9	56.5	71.0
6/18/2023	17	6	67	67	9.0	35.3	79.1	TW	65.6	65.6	43.5	56.9	69.0
6/19/2023	36	5	74	74	6.8	13.9	81.1	TW	65.3	65.3	40.7	58.8	69.0
6/20/2023	27	8	104	104	7.7	29.6	99.8		64.4	64.3	42.9	59.4	70.0
6/21/2023	62	9	79	79	11.4	14.5	97.8	TW	64.6	64.6	43.0	58.4	72.2
6/22/2023	35	10	78	78	12.8	28.6	99.9		64.8	64.7	44.2	57.8	74.7
6/23/2023	33	12	137	137	8.8	36.4	99.8		65.6	65.5	45.4	57.0	68.9
6/24/2023	36	9	78	78	11.5	25.0	99.9		63.5	63.5	40.4	57.2	69.7
6/25/2023	41	9	83	83	10.8	22.0	99.9		63.6	63.6	42.8	56.5	69.7
6/26/2023	14	2	82	82	2.4	14.3	99.9		63.3	63.3	35.7	57.4	68.8
6/27/2023	24	6	130	130	4.6	25.0	99.9		62.6	62.6	42.4	54.4	69.4
6/28/2023	10	1	83	83	1.2	10.0	99.9		61.3	61.3	28.2	53.3	63.9
6/29/2023	58	16	87	87	18.4	27.6	99.7		62.7	62.6	44.6	55.0	72.1
6/30/2023	18	9	151	151	6.0	50.0	99.7		62.4	62.3	43.4	55.6	70.7
Sum	791	180	2357	2357	7.6	22.8	94.7	TW	63.8	63.8	41.9	53.3	76.6

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

NMT Statistics
MP02 NMTBOJ002
June 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
6/1/2023	0	0	40	18	0.0		99.9		45.1	45.1		42.3	
6/2/2023	0	0	84	34	0.0		99.9		43.6	43.6		41.9	
6/3/2023	0	0	50	26	0.0		99.9		43.8	43.8		42.1	
6/4/2023	0	0	48	23	0.0		91.6	TW	44.3	44.3		42.5	
6/5/2023	0	0	50	27	0.0		97.8	TW	45.0	45.0		41.1	
6/6/2023	0	0	71	34	0.0		95.7	TW	45.3	45.3		42.7	
6/7/2023	0	0	45	21	0.0		99.9		47.9	47.9		44.2	
6/8/2023	0	0	48	23	0.0		99.9		49.4	49.4		46.8	
6/9/2023	0	0	101	48	0.0		99.9		49.7	49.7		44.8	
6/10/2023	0	0	52	21	0.0		99.9		49.3	49.3		44.8	
6/11/2023	0	0	61	32	0.0		99.9		50.1	50.1		45.1	
6/12/2023	0	0	53	28	0.0		99.9		49.4	49.4		45.0	
6/13/2023	0	0	94	44	0.0		99.9		49.2	49.2		47.4	
6/14/2023	0	0	64	20	0.0		0.0	T	*	*	*		
6/15/2023	0	0	65	28	0.0		99.9		49.1	49.1		45.9	
6/16/2023	0	0	128	58	0.0		99.9		49.2	49.2		45.1	
6/17/2023	0	0	70	36	0.0		99.9		46.3	46.3		43.7	
6/18/2023	0	0	67	34	0.0		79.1	TW	46.4	46.4		44.2	
6/19/2023	0	0	74	33	0.0		81.1	TW	47.0	47.0		45.3	
6/20/2023	0	0	104	46	0.0		99.9		49.5	49.5		45.9	
6/21/2023	0	0	79	40	0.0		97.7	TW	49.0	49.0		47.3	
6/22/2023	0	0	78	27	0.0		0.0	T	*	*	*		
6/23/2023	0	0	137	62	0.0		99.9		49.0	49.0		46.3	
6/24/2023	0	0	78	36	0.0		99.8		48.0	48.0		46.6	
6/25/2023	0	0	83	38	0.0		99.8		48.7	48.7		47.1	
6/26/2023	0	0	82	37	0.0		99.9		49.2	49.2		47.4	
6/27/2023	0	0	130	52	0.0		98.8	T	49.1	49.1		46.5	
6/28/2023	0	0	83	37	0.0		99.8		49.1	49.1		47.9	
6/29/2023	0	0	87	42	0.0		99.8		49.3	49.3		48.0	
6/30/2023	0	0	151	69	0.0		99.9		49.5	49.5		47.6	
Sum	0	0	2357	1074	0.0		91.3	TW	48.3	48.3		41.1	

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

NMT Statistics
MP03 NMTBOJ003



June 2023

	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
6/1/2023	0	0	40	18	0.0		99.9		63.6	63.6		60.0	
6/2/2023	0	0	84	34	0.0		99.9		63.3	63.3		59.0	
6/3/2023	0	0	50	26	0.0		99.9		64.7	64.7		60.6	
6/4/2023	0	0	48	23	0.0		91.6	TW	65.6	65.6		61.2	
6/5/2023	0	0	50	27	0.0		97.8	TW	65.7	65.7		61.5	
6/6/2023	0	0	71	34	0.0		95.7	TW	64.3	64.3		60.2	
6/7/2023	0	0	45	21	0.0		99.9		63.4	63.4		59.9	
6/8/2023	0	0	48	23	0.0		99.9		64.7	64.7		61.1	
6/9/2023	0	0	101	48	0.0		99.9		65.5	65.5		61.9	
6/10/2023	0	0	52	21	0.0		99.9		64.8	64.8		61.3	
6/11/2023	0	0	61	32	0.0		99.9		63.8	63.8		60.7	
6/12/2023	0	0	53	28	0.0		99.9		64.0	64.0		60.3	
6/13/2023	0	0	94	44	0.0		99.7		63.3	63.3		60.3	
6/14/2023	0	0	64	20	0.0		99.9		64.0	64.0		60.2	
6/15/2023	0	0	65	28	0.0		99.9		63.9	63.9		60.6	
6/16/2023	0	0	128	58	0.0		99.9		63.8	63.8		60.7	
6/17/2023	0	0	70	36	0.0		99.9		63.8	63.8		60.5	
6/18/2023	0	0	67	34	0.0		79.1	TW	64.4	64.4		60.9	
6/19/2023	0	0	74	33	0.0		81.1	TW	64.8	64.8		61.8	
6/20/2023	0	0	104	46	0.0		99.9		65.2	65.2		61.7	
6/21/2023	0	0	79	40	0.0		97.8	TW	66.7	66.7		61.2	
6/22/2023	0	0	78	27	0.0		97.7	T	64.7	64.7		59.8	
6/23/2023	0	0	137	62	0.0		99.9		63.6	63.6		59.3	
6/24/2023	0	0	78	36	0.0		99.3		63.2	63.2		59.0	
6/25/2023	0	0	83	38	0.0		99.9		63.4	63.4		58.9	
6/26/2023	0	0	82	37	0.0		99.9		63.7	63.7		59.5	
6/27/2023	0	0	130	52	0.0		99.9		64.1	64.1		59.8	
6/28/2023	0	0	83	37	0.0		99.9		64.3	64.3		59.9	
6/29/2023	0	0	87	42	0.0		99.9		64.3	64.3		59.1	
6/30/2023	0	0	151	69	0.0		99.9		63.3	63.3		58.8	
Sum	0	0	2357	1074	0.0		97.9	TW	64.3	64.3		58.8	

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

NMT Statistics
MP04 NMTBOJ004
June 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
6/1/2023	0	0	40	18	0.0		0.0	T	*	*	*		
6/2/2023	0	0	84	34	0.0		0.0	T	*	*	*		
6/3/2023	0	0	50	26	0.0		0.0	T	*	*	*		
6/4/2023	0	0	48	23	0.0		0.0	T	*	*	*		
6/5/2023	0	0	50	27	0.0		0.0	T	*	*	*		
6/6/2023	0	0	71	34	0.0		0.0	T	*	*	*		
6/7/2023	0	0	45	21	0.0		0.0	T	*	*	*		
6/8/2023	0	0	48	23	0.0		0.0	T	*	*	*		
6/9/2023	0	0	101	48	0.0		0.0	T	*	*	*		
6/10/2023	0	0	52	21	0.0		0.0	T	*	*	*		
6/11/2023	0	0	61	32	0.0		0.0	T	*	*	*		
6/12/2023	0	0	53	28	0.0		0.0	T	*	*	*		
6/13/2023	0	0	94	44	0.0		0.0	T	*	*	*		
6/14/2023	0	0	64	20	0.0		0.0	T	*	*	*		
6/15/2023	0	0	65	28	0.0		0.0	T	*	*	*		
6/16/2023	0	0	128	58	0.0		0.0	T	*	*	*		
6/17/2023	0	0	70	36	0.0		0.0	T	*	*	*		
6/18/2023	0	0	67	34	0.0		0.0	T	*	*	*		
6/19/2023	0	0	74	33	0.0		0.0	T	*	*	*		
6/20/2023	0	0	104	46	0.0		0.0	T	*	*	*		
6/21/2023	0	0	79	40	0.0		0.0	T	*	*	*		
6/22/2023	0	0	78	27	0.0		0.0	T	*	*	*		
6/23/2023	0	0	137	62	0.0		0.0	T	*	*	*		
6/24/2023	0	0	78	36	0.0		0.0	T	*	*	*		
6/25/2023	0	0	83	38	0.0		0.0	T	*	*	*		
6/26/2023	0	0	82	37	0.0		0.0	T	*	*	*		
6/27/2023	0	0	130	52	0.0		0.0	T	*	*	*		
6/28/2023	0	0	83	37	0.0		0.0	T	*	*	*		
6/29/2023	0	0	87	42	0.0		0.0	T	*	*	*		
6/30/2023	0	0	151	69	0.0		0.0	T	*	*	*		
Sum	0	0	2357	1074	0.0		0.0	T	*	*	*		

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

Примечание 4,5,



Reference Level Exceedances
April 2023 - June 2023

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

**ТРИМЕСЕЧЕН ДОКЛАД
ЗА ПЕРИОДА АПРИЛ - юни 2023 ГОДИНА**

РЕЗУЛТАТИ

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

Настоящата информация е изготвена в съответствие с чл. 31 от Наредба № 54 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 април - юни 2023 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 инсталира от един от световните лидери в тази област “Топсоник Системхаус” ГМБХ - Германия. Инсталацията е една от най-модерните системи, разработена по съвременни технологии за регистриране на шумови събития. Измерването става посредством специални терминални станции с вграден микрофон, конфигурирани на база разположението на въздушните коридори. Данните, получени от измерванията се актуализират на всяка половин до една секунда. Системата съхранява информация в база данни, изчислява параметрите за шум, регистрира показателите не само по отношение на кацащите и излитащите самолети, но и на прелитащите над конкретния район.

Местоположенията на терминалите са както следва:

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

Фрапорт Туин Стар Еърпорт Мениджмънт АД

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

Табличните резултати предоставят информация за разглежданите три месеца и дават разпределението на еквивалентните денонощни нива на шума за 24 часа $L_{eq} / 24h$ непрекъснат период на измерване. В Приложение № 2 са посочени регистрираните еквивалентни нива на шум над наблюдавания район - фонов шум ($L_{Aeq} \text{ Residual sound} = \text{Background}$). 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 кумулативния 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		
	април 2023 г.	май 2023 г.	юни 2023 г.
T1	226	274	485
T2	226	274	485
T3	226	274	485
T4	226	274	485

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 април, май и юни. 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
April 2023



AC-Type	AC-Type Long Name	Movements per Month			Sum
		April	May	June	
A20N	Airbus A320neo	48	40	8	96
A21N	Airbus A321neo	0	2	4	6
A319	Airbus A319	14	8	92	114
A320	Airbus A320	615	808	959	2382
A321	Airbus A321	3	23	63	89
A332	Airbus A330-200	0	0	4	4
AC90	Rockwell 690 Jetprop Commander	0	2	0	2
ASTR	IAI 1125 Astra	0	2	0	2
AT43	ATR 42-300	0	0	2	2
AT72	ATR 72-200	0	0	2	2
AT76	ATR 72-600	0	0	16	16
B38M	Boeing 737 MAX 8	6	12	62	80
B39M	Boeing 737 MAX 9	2	0	0	2
B733	Boeing 737-300	3	6	8	17
B734	Boeing 737-400	0	1	0	1
B737	Boeing 737-700	0	0	6	6
B738	Boeing 737-800	35	71	276	382
B739	Boeing 737-900	32	16	22	70
BCS3	Bombardier BD-500 CSeries CS300	0	0	2	2
BE20	Beech King Air 200	0	2	0	2
C206	Cessna 206 Stationair	0	1	1	2
C25A	Cessna 525A Citation CJ2	0	0	6	6
C25B	Cessna 525B Citation CJ3	0	0	2	2
C27J	Alenia C-27J Spartan	2	6	2	10
C295	CASA C-295 Persuader	0	0	6	6
C501	Cessna 501 Citation 1SP	0	2	0	2
C525	Cessna 525 Citation CJ1	0	0	2	2
C55B	Cessna 550B Citation Bravo	0	0	2	2
C56X	Cessna 560XL Citation Excel	4	4	14	22
C650	Cessna 650 Citation 3/6/7	0	2	0	2
C68A	Cessna 680A Citation Latitude	0	0	24	24
CL30	Bombardier BD-100 Challenger 300	2	0	1	3
CL35	Bombardier BD-100 Challenger 350	2	0	1	3
CL60	Bombardier CL-600 Challenger 600	0	2	0	2
DV20	Diamond DV-20 Katana	0	0	2	2
E190	Embraer ERJ 190-100	6	26	40	72
E195	Embraer ERJ 190-200	36	16	38	90
E35L	Embraer EMB-135BJ Legacy	2	2	0	4
E550	Embraer EMB-550 Legacy 500	0	2	2	4
E55P	Embraer EMB-505 Phenom 300	0	2	6	8
EC45	Eurocopter EC-145	2	0	0	2
EUPA		0	0	2	2
F2TH	Dassault Falcon 2000	0	8	2	10
FA8X	Dassault Falcon 8X	0	2	0	2
G280	Gulfstream G280	2	0	2	4
GA5C		0	0	2	2
GA6C		6	2	0	8
GALX	IAI 1126 Galaxy	0	2	2	4
GL7T		0	2	0	2
GLEX	Bombardier BD-700 Global Express	0	2	0	2
GLF4	Gulfstream 4	2	0	0	2
GLF5	Gulfstream 5	6	2	9	17
GLF6	Gulfstream G650	0	1	5	6

Traffic by Aircraft Type
April 2023



AC-Type	AC-Type Long Name	Movements per Month			Sum
		April	May	June	
H25B	BAe 125-700/-800	0	0	2	2
L35	Bombardier Learjet 35/36	0	0	4	4
L45	Bombardier Learjet 45	0	2	6	8
M600	Piper M600	0	2	0	2
MD82	McDonnell Douglas MD-82	37	24	22	83
PNR4		2	0	0	2
SR22	Cirrus SR-22	0	2	0	2
Sum		869	1109	1733	3711

**Equivalent Continuous Sound Level
 MP01 NMTVAR001**

April 2023

	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
4/1/2023	55.6	46.9	55.8	55.1	57.1
4/2/2023	53.0	46.2	53.0	53.1	55.9
4/3/2023	54.0	46.2	54.4	52.6	55.7
4/4/2023	56.7	53.3	57.7	51.4	59.7
4/5/2023	54.6	49.4	55.4	50.9	57.2
4/6/2023	*	*	*	*	*
4/7/2023	*	*	*	*	*
4/8/2023	*	*	*	*	*
4/9/2023	*	*	*	*	*
4/10/2023	*	*	*	*	*
4/11/2023	*	*	*	*	*
4/12/2023	*	*	*	*	*
4/13/2023	*	*	*	*	*
4/14/2023	*	*	*	*	*
4/15/2023	*	*	*	*	*
4/16/2023	*	*	*	*	*
4/17/2023	*	*	*	*	*
4/18/2023	58.4	*	59.9	53.2	*
4/19/2023	53.8	46.7	54.2	52.5	55.8
4/20/2023	57.5	44.5	58.3	53.5	57.4
4/21/2023	56.7	44.2	57.6	53.3	56.8
4/22/2023	54.5	51.8	54.2	55.3	59.1
4/23/2023	54.7	44.8	55.4	51.7	55.4
4/24/2023	57.9	46.7	59.2	53.0	58.1
4/25/2023	57.2	43.0	58.2	51.3	56.7
4/26/2023	56.4	46.8	57.1	53.3	57.2
4/27/2023	57.7	48.5	58.8	55.2	59.1
4/28/2023	57.5	45.2	58.6	52.7	57.4
4/29/2023	55.8	45.4	54.7	58.0	57.8
4/30/2023	53.5	66.0	53.2	54.4	71.3
Sum	56.1	54.8	56.7	53.7	61.3

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
	51.3	40.2	52.1	46.3	51.4
	43.7	41.5	45.8		48.2
	47.7		47.2	48.7	48.2
	44.5	48.9	44.8	43.8	53.5
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	47.0	*	47.5	46.1	*
	44.7		41.9	48.5	46.5
	45.1		44.8	46.0	45.6
	41.6		43.1		39.6
	38.4	51.1		44.5	56.4
	51.5		52.6	44.2	50.2
	48.7	43.2	48.8	48.7	52.0
	47.1		47.0	47.2	47.2
	46.0	43.9	46.3	44.9	50.8
	44.2		41.1	46.8	46.5
	43.9		45.1	38.6	42.6
	53.0		50.7	56.4	54.6
	46.5		44.8	49.5	47.9
Sum	47.5	41.7	47.4	47.8	50.5

* Availability < 50%

Equivalent Continuous Sound Level

MP02 NMTVAR002

April 2023



	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
4/1/2023	54.0	48.3	54.7	50.5	56.3
4/2/2023	51.5	47.5	52.4	49.7	55.3
4/3/2023	54.7	46.7	55.4	50.9	56.0
4/4/2023	*	*	*	*	*
4/5/2023	*	*	*	*	*
4/6/2023	*	*	*	*	*
4/7/2023	52.9	43.9	53.6	49.4	53.9
4/8/2023	55.5	45.2	56.4	50.4	55.9
4/9/2023	51.1	42.9	51.8	48.2	52.4
4/10/2023	52.5	44.2	53.0	50.7	53.9
4/11/2023	*	46.9	*	49.1	*
4/12/2023	53.9	46.7	54.3	52.9	56.2
4/13/2023	*	*	*	*	*
4/14/2023	51.0	45.5	51.5	49.4	53.7
4/15/2023	54.2	44.5	55.0	50.6	54.9
4/16/2023	50.8	44.7	50.9	50.4	53.4
4/17/2023	52.5	46.0	52.8	51.3	54.7
4/18/2023	52.9	45.8	53.2	52.0	55.0
4/19/2023	54.1	46.6	54.6	52.4	55.9
4/20/2023	53.9	46.2	54.4	52.0	55.6
4/21/2023	53.6	47.1	54.5	50.0	55.7
4/22/2023	51.0	54.4	50.8	51.6	60.2
4/23/2023	52.9	47.5	53.6	49.9	55.5
4/24/2023	54.7	49.1	55.7	51.8	57.5
4/25/2023	54.3	46.2	55.2	49.4	55.4
4/26/2023	53.5	47.9	54.3	49.6	55.9
4/27/2023	54.0	47.7	55.0	51.8	56.5
4/28/2023	59.3	45.9	60.7	50.1	58.5
4/29/2023	55.3	44.7	54.1	57.6	57.2
4/30/2023	51.5	47.2	50.9	52.7	55.3
Sum	53.8	47.2	54.4	51.5	55.9

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
	50.5	40.5	51.3	44.9	50.9
	43.7	41.2	45.8		48.0
	45.6		45.5	46.1	45.9
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	41.8		40.0	44.8	43.2
	53.4		54.5	43.6	51.9
	46.1		47.4		44.3
	46.2		45.6	47.6	46.9
	*		*	39.6	*
	47.0	37.1	44.4	49.8	49.7
	*	*	*	*	*
	52.6		53.5	47.1	51.4
	46.8		47.3	44.4	46.2
	47.8		47.6	48.2	48.0
	44.7		44.8	44.2	44.6
	45.3		43.5	48.5	46.8
	45.3		44.6	46.9	46.1
	41.7		43.3		39.7
	38.8	53.4		44.8	58.7
	50.4		51.4	43.5	49.1
	47.1	42.4	47.0	47.2	50.9
	45.2		45.4	44.3	45.0
	43.6	43.4	44.0	42.4	49.8
	44.3		41.0	47.0	46.6
	43.3		44.4	38.5	42.1
	53.5		51.8	56.4	54.9
	46.0		45.0	48.2	47.1
Sum	47.8	40.5	48.1	47.0	49.9

* Availability < 50%

Equivalent Continuous Sound Level
MP03 NMTVAR003
April 2023

	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
4/1/2023	55.7	53.7	55.5	56.3	60.6
4/2/2023	55.5	57.9	55.4	55.5	64.2
4/3/2023	*	*	*	*	*
4/4/2023	*	*	*	*	*
4/5/2023	*	*	*	*	*
4/6/2023	*	*	*	*	*
4/7/2023	*	*	*	*	*
4/8/2023	*	*	*	*	*
4/9/2023	*	*	*	*	*
4/10/2023	*	*	*	*	*
4/11/2023	*	*	*	*	*
4/12/2023	*	*	*	*	*
4/13/2023	*	*	*	*	*
4/14/2023	*	*	*	*	*
4/15/2023	*	*	*	*	*
4/16/2023	*	*	*	*	*
4/17/2023	*	*	*	*	*
4/18/2023	57.9	*	*	57.8	*
4/19/2023	55.3	52.0	55.7	54.1	59.3
4/20/2023	56.6	53.0	57.3	53.9	60.3
4/21/2023	55.9	52.9	56.7	53.3	60.2
4/22/2023	60.9	54.6	61.9	54.5	62.8
4/23/2023	57.4	52.8	58.1	54.5	60.4
4/24/2023	63.3	54.2	64.9	54.0	63.9
4/25/2023	59.4	54.0	60.4	52.9	61.7
4/26/2023	56.7	52.6	57.5	52.5	59.9
4/27/2023	57.8	58.0	59.0	54.5	64.2
4/28/2023	59.2	52.8	60.4	53.4	61.2
4/29/2023	61.1	54.6	61.8	57.8	63.1
4/30/2023	55.4	53.5	55.9	53.7	60.2
Sum	*	*	*	*	*

Aircraft Sound [dB(A)]				
L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
40.8		41.7	34.2	39.5
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*
36.0	*	*	36.1	*
35.4		25.7	41.1	38.4
38.0		38.9	32.7	36.9
38.5		40.1		36.5
37.0	48.5		43.0	54.0
46.0		46.9	40.2	44.8
44.1	34.9	45.6	36.8	44.8
40.2		41.2	32.8	38.8
36.8	36.6	38.1		42.6
30.1		32.1		28.4
36.9		38.5		34.8
51.8		50.4	54.4	53.0
39.5		39.3	40.1	39.9
*	*	*	*	*

* Availability < 50%

Equivalent Continuous Sound Level

MP04 NMTVAR004

April 2023



	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
4/1/2023	57.4	52.7	57.8	55.7	60.4
4/2/2023	55.8	55.6	57.1	52.3	62.2
4/3/2023	61.9	57.1	62.1	61.3	65.1
4/4/2023	62.7	65.7	64.0	55.1	70.3
4/5/2023	63.8	59.5	65.0	54.1	66.6
4/6/2023	59.9	54.8	61.0	52.9	62.4
4/7/2023	59.0	49.5	59.9	54.0	59.6
4/8/2023	58.6	49.1	59.6	52.9	59.2
4/9/2023	56.4	48.5	57.3	52.1	57.7
4/10/2023	58.9	48.1	59.8	53.8	59.1
4/11/2023	*	52.7	*	55.1	*
4/12/2023	58.6	52.1	59.3	56.7	61.1
4/13/2023	*	*	*	*	*
4/14/2023	57.1	48.6	57.9	52.4	58.1
4/15/2023	54.3	48.0	54.8	52.2	56.5
4/16/2023	54.3	48.0	54.7	52.7	56.6
4/17/2023	56.1	47.4	56.2	55.8	57.7
4/18/2023	58.7	48.8	59.5	54.3	59.2
4/19/2023	58.1	49.6	59.0	53.3	59.1
4/20/2023	61.1	49.3	62.2	52.9	60.8
4/21/2023	59.3	49.3	60.6	53.0	59.7
4/22/2023	*	*	*	*	*
4/23/2023	*	*	*	*	*
4/24/2023	*	*	*	*	*
4/25/2023	*	*	*	*	*
4/26/2023	57.4	*	58.7	52.7	*
4/27/2023	60.1	59.3	61.8	53.6	65.6
4/28/2023	59.8	49.7	61.1	52.6	60.1
4/29/2023	57.7	49.4	58.6	53.3	58.8
4/30/2023	57.1	48.4	57.8	53.7	58.2
Sum	59.3	54.3	60.2	54.6	62.0

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
4/1/2023	45.3	40.3	46.0	40.7	47.9
4/2/2023	42.9	40.5	44.9		47.2
4/3/2023	39.2		38.5	40.7	39.9
4/4/2023	35.5	40.5	29.8	40.0	45.4
4/5/2023					
4/6/2023	41.7	37.3	42.5	38.1	44.8
4/7/2023					
4/8/2023	44.8		46.0		43.0
4/9/2023	36.9		38.1		35.1
4/10/2023	34.6			40.6	37.9
4/11/2023	*		*		*
4/12/2023	41.7	33.4	42.2	40.5	43.5
4/13/2023	*	*	*	*	*
4/14/2023					
4/15/2023	46.3		47.2	41.2	45.2
4/16/2023	43.2		43.2	43.3	43.4
4/17/2023	35.9		31.1	40.7	38.4
4/18/2023	39.9		38.6	42.4	41.1
4/19/2023	39.9		36.2	44.2	42.1
4/20/2023	41.4		41.9	39.3	40.9
4/21/2023	38.8		40.4		36.8
4/22/2023	*	*	*	*	*
4/23/2023	*	*	*	*	*
4/24/2023	*	*	*	*	*
4/25/2023	*	*	*	*	*
4/26/2023	36.4	*	38.2		*
4/27/2023	39.2		38.9	39.7	40.3
4/28/2023	39.0		40.6		36.9
4/29/2023	42.7		41.1	45.5	44.0
4/30/2023	39.8		39.4	40.7	40.3
Sum	40.9	32.5	41.3	39.5	42.4

* Availability < 50%

Equivalent Continuous Sound Level

MP01 NMTVAR001

May 2023



	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
5/1/2023	54.4	43.4	54.6	54.0	55.4
5/2/2023	56.7	44.5	57.5	52.4	56.7
5/3/2023	57.9	44.0	58.5	55.6	58.0
5/4/2023	58.0	44.5	58.3	56.9	58.4
5/5/2023	59.8	43.6	59.8	59.8	60.3
5/6/2023	57.1	44.4	55.2	59.7	59.1
5/7/2023	56.7	44.8	54.9	59.8	58.8
5/8/2023	54.7	44.5	55.2	52.9	55.6
5/9/2023	58.0	45.5	58.6	55.2	58.2
5/10/2023	59.3	44.1	59.9	56.6	59.1
5/11/2023	60.7	44.3	61.6	56.1	60.1
5/12/2023	58.1	48.3	58.7	56.0	59.1
5/13/2023	53.9	43.7	53.8	54.2	55.3
5/14/2023	54.4	44.3	54.8	52.5	55.3
5/15/2023	59.0	46.2	59.8	55.6	59.0
5/16/2023	57.8	44.8	58.5	54.5	57.8
5/17/2023	61.2	46.8	62.1	55.9	60.4
5/18/2023	53.6	44.8	53.4	54.2	55.4
5/19/2023	55.2	47.4	56.0	52.7	57.0
5/20/2023	54.2	51.5	54.3	53.8	59.0
5/21/2023	54.3	44.9	54.5	53.7	55.7
5/22/2023	58.7	44.0	59.3	55.6	58.5
5/23/2023	55.3	44.2	55.4	54.9	56.3
5/24/2023	54.3	43.6	53.9	55.5	55.9
5/25/2023	54.7	44.7	55.0	53.7	55.8
5/26/2023	58.2	45.9	58.8	55.0	58.3
5/27/2023	53.7	44.4	54.2	52.1	54.9
5/28/2023	54.1	44.6	54.6	52.2	55.1
5/29/2023	56.4	46.5	57.3	51.1	56.9
5/30/2023	57.1	45.1	57.5	55.7	57.7
5/31/2023	57.6	45.8	58.3	54.7	57.9
Sum	57.1	45.5	57.6	55.5	57.7

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
	50.9		50.8	51.0	51.0
	47.2		47.0	47.8	47.5
	49.8	35.9	49.6	50.1	50.6
	50.0		47.3	53.7	51.8
	43.8		42.6	46.0	44.8
	48.1		47.4	49.4	48.8
	47.0	34.8	48.3		46.4
	51.7		52.1	50.4	51.4
	46.7	41.4	47.0	45.5	49.5
	50.5		50.4	50.8	50.8
	50.7		49.8	52.5	51.5
	48.5	46.1	48.7	48.0	53.4
	49.3		50.1	44.8	48.3
	50.7		51.6	44.4	49.4
	49.9	43.1	48.7	52.4	52.9
	48.3		48.0	49.2	48.8
	46.5	41.8	45.1	49.2	50.6
	47.3		46.3	49.5	48.3
	48.7		49.4	46.8	48.2
	45.2		43.2	47.9	46.6
	48.9		49.3	47.4	48.5
	47.9		47.1	49.6	48.7
	49.7		47.5	53.0	51.3
	48.3		47.5	50.0	49.1
	50.9		51.6	47.8	50.1
	50.2		50.4	49.7	50.2
	47.3		47.8	45.6	46.9
	51.2	37.7	52.3	42.2	50.6
	44.2	42.6	45.5		48.9
	48.0		46.0	51.3	49.6
	43.6		44.8		41.8
	48.9	35.9	48.9	49.1	49.8

* Availability < 50%

Equivalent Continuous Sound Level
MP02 NMTVAR002
May 2023

	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
5/1/2023	52.5	46.0	52.6	52.2	54.9
5/2/2023	53.6	46.6	54.1	51.5	55.5
5/3/2023	53.9	46.5	54.3	52.2	55.8
5/4/2023	54.5	51.8	54.5	54.6	59.1
5/5/2023	53.1	45.3	53.7	50.9	54.7
5/6/2023	51.9	46.1	51.9	51.9	55.0
5/7/2023	51.0	45.8	51.1	50.4	54.0
5/8/2023	52.9	46.1	53.4	51.3	55.0
5/9/2023	52.9	46.9	53.6	50.2	55.2
5/10/2023	54.3	47.2	54.8	52.2	56.2
5/11/2023	53.9	46.7	54.1	53.2	56.0
5/12/2023	53.9	47.8	54.6	51.5	56.4
5/13/2023	51.9	45.5	52.3	50.5	54.2
5/14/2023	53.1	46.3	53.8	50.2	55.0
5/15/2023	54.9	49.6	55.4	53.1	57.7
5/16/2023	53.9	48.8	54.5	51.9	56.8
5/17/2023	54.1	49.7	54.7	51.4	57.6
5/18/2023	53.6	47.1	54.2	51.5	55.7
5/19/2023	54.3	48.2	55.1	51.6	56.8
5/20/2023	53.4	49.6	53.9	51.8	57.3
5/21/2023	53.0	48.7	53.0	52.9	56.6
5/22/2023	54.2	47.8	54.5	53.0	56.5
5/23/2023	54.8	47.6	54.9	54.5	56.9
5/24/2023	53.0	50.3	53.2	52.4	57.4
5/25/2023	55.4	48.3	55.9	53.5	57.3
5/26/2023	55.2	49.9	55.9	51.9	57.8
5/27/2023	53.5	50.9	54.1	51.2	57.8
5/28/2023	54.2	50.1	54.8	51.2	57.5
5/29/2023	55.2	47.8	55.9	51.4	56.7
5/30/2023	54.8	47.6	55.2	53.5	56.8
5/31/2023	54.7	51.1	55.4	51.3	58.3
Sum	53.9	48.4	54.3	52.1	56.6

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
	49.8		49.9	49.2	49.7
	45.9		45.7	46.6	46.3
	47.6	34.5	47.5	47.8	48.4
	48.5		46.3	51.9	50.2
	42.6		42.1	43.9	43.2
	46.0		45.8	46.4	46.3
	44.9	35.0	46.1		44.9
	49.3		49.6	48.3	49.1
	45.2	40.4	45.6	44.0	48.3
	48.3		48.2	48.5	48.5
	48.5		47.4	50.9	49.6
	46.9	43.3	46.8	46.9	51.0
	47.3		48.2	42.7	46.3
	48.9		49.8	43.6	47.7
	50.1	41.8	50.1	50.4	52.0
	46.4		46.0	47.4	46.9
	44.3	40.9	43.2	46.5	49.0
	45.7		44.8	47.7	46.6
	46.0		46.4	45.1	45.8
	43.9		42.6	46.1	45.0
	47.2		47.4	46.6	47.1
	46.1		45.4	47.8	46.9
	48.1		45.0	52.1	50.1
	46.7		46.1	48.2	47.4
	49.2		50.0	45.0	48.3
	48.8		48.9	48.4	48.8
	46.4		46.8	45.2	46.1
	51.2	39.4	52.1	45.3	51.1
	43.2	41.3	44.4		47.7
	46.9		44.7	50.4	48.6
	42.1		43.4		40.4
Sum	47.4	34.5	47.4	47.5	48.2

* Availability < 50%

Equivalent Continuous Sound Level
MP03 NMTVAR003
May 2023

	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
5/1/2023	60.1	53.5	61.2	53.2	61.8
5/2/2023	59.2	52.5	60.1	55.0	61.0
5/3/2023	65.8	52.7	66.4	63.5	66.0
5/4/2023	65.0	52.9	66.2	55.5	64.6
5/5/2023	56.2	52.5	56.8	53.4	59.8
5/6/2023	63.6	53.8	62.6	65.3	65.7
5/7/2023	64.2	53.2	65.3	55.5	64.1
5/8/2023	64.6	53.2	65.6	57.7	64.5
5/9/2023	59.8	52.2	60.7	54.1	61.0
5/10/2023	67.8	52.7	69.0	57.8	66.9
5/11/2023	66.2	54.7	67.3	57.0	65.9
5/12/2023	62.2	56.8	63.5	53.8	64.6
5/13/2023	60.7	54.6	61.6	55.3	62.7
5/14/2023	57.2	54.4	57.3	57.2	61.6
5/15/2023	62.8	56.4	63.6	58.9	64.8
5/16/2023	66.2	55.4	67.3	57.6	66.2
5/17/2023	62.4	57.8	60.2	65.8	66.7
5/18/2023	55.8	58.3	56.0	54.8	64.2
5/19/2023	61.4	55.1	62.7	55.3	63.5
5/20/2023	62.1	55.8	59.9	64.9	65.7
5/21/2023	62.0	55.5	62.9	56.9	63.8
5/22/2023	62.6	57.0	63.6	55.8	64.8
5/23/2023	58.7	55.1	59.5	55.1	62.3
5/24/2023	58.3	55.3	58.9	55.7	62.2
5/25/2023	*	*	*	*	*
5/26/2023	*	*	*	54.0	*
5/27/2023	56.7	55.8	57.4	53.7	62.2
5/28/2023	58.2	53.8	58.9	55.0	61.3
5/29/2023	57.6	56.1	58.4	53.0	62.6
5/30/2023	57.5	54.7	58.0	55.7	61.8
5/31/2023	60.2	55.3	61.1	55.0	62.9
Sum	62.4	55.0	63.2	58.6	64.0

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
	43.4		44.2	39.6	42.6
	44.6		45.6	37.8	43.3
	48.1		47.9	48.5	48.4
	42.9		42.6	43.8	43.4
	35.8		33.8	39.0	37.3
	43.1		40.6	46.0	44.6
	43.5		44.7		41.7
	47.0		48.0	41.9	46.0
	36.5	38.4	36.7	36.0	44.4
	45.7		46.8	38.4	44.4
	44.9		45.8	40.8	44.0
	40.4	37.5	41.0	38.7	44.8
	41.0		41.8	37.7	40.3
	41.5		42.1	38.4	40.7
	46.9	42.6	47.6	43.3	50.1
	46.0		46.9	41.4	45.0
	38.9	33.7	33.9	43.7	43.3
	35.8		34.9	37.6	36.6
	43.1		44.7	31.8	41.2
	45.1		43.9	47.1	46.1
	38.5		38.7	38.1	38.5
	43.4		44.3	37.5	42.2
	42.7		37.6	47.5	45.1
	36.6		36.7	36.2	36.7
	*	*	*	*	*
	*	*	*	32.0	*
	37.0		36.7	38.0	37.5
	39.3	38.2	40.5		44.4
	35.9		37.1		34.1
	41.2		35.9	46.1	43.7
	43.9		45.2		42.2
Sum	43.2	31.3	43.7	41.8	43.8

* Availability < 50%

Equivalent Continuous Sound Level
MP04 NMTVAR004
May 2023

	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
5/1/2023	57.1	47.1	57.9	53.0	57.7
5/2/2023	59.6	47.7	60.6	53.5	59.5
5/3/2023	61.5	48.2	62.4	57.4	61.3
5/4/2023	59.6	49.7	60.6	53.9	60.1
5/5/2023	59.3	48.4	60.2	53.9	59.5
5/6/2023	59.8	52.2	60.1	59.2	62.0
5/7/2023	58.4	55.9	59.0	56.0	62.8
5/8/2023	59.3	49.3	60.1	54.8	59.8
5/9/2023	61.1	51.2	62.1	55.0	61.5
5/10/2023	60.4	49.9	61.3	54.2	60.6
5/11/2023	61.6	49.4	62.7	54.0	61.3
5/12/2023	60.1	51.4	61.3	54.2	61.0
5/13/2023	58.3	50.9	59.2	53.8	59.8
5/14/2023	58.7	50.1	57.6	61.0	61.1
5/15/2023	60.1	50.7	60.9	56.0	60.8
5/16/2023	60.3	51.0	61.2	55.4	61.0
5/17/2023	61.9	53.3	62.5	59.2	63.1
5/18/2023	59.0	54.0	59.9	54.1	61.6
5/19/2023	61.2	53.8	62.6	54.3	62.7
5/20/2023	60.3	55.7	61.1	57.5	63.6
5/21/2023	59.0	54.7	59.8	55.2	62.2
5/22/2023	59.3	49.7	60.2	54.1	59.9
5/23/2023	59.3	52.4	60.2	54.4	61.0
5/24/2023	59.2	50.7	60.1	53.1	60.0
5/25/2023	58.6	50.1	59.5	53.1	59.5
5/26/2023	60.3	51.2	61.4	53.3	60.9
5/27/2023	57.9	54.7	58.6	54.0	61.7
5/28/2023	56.8	52.1	57.6	52.8	59.6
5/29/2023	59.4	53.2	60.4	53.1	61.3
5/30/2023	59.9	51.5	60.8	54.5	60.9
5/31/2023	59.8	51.7	60.8	53.3	60.8
Sum	59.7	51.9	60.5	55.4	61.1

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
	38.4		35.6	42.3	40.3
	37.4		36.3	39.6	38.4
	43.0	30.2	43.6	40.9	43.3
	41.2		38.9	44.6	42.9
	35.6		33.0	39.4	37.4
	44.6		45.6	40.6	43.5
	36.2		37.5		34.5
	43.2		43.3	42.8	43.2
	34.8	35.0		40.8	42.3
	41.7		42.9		39.9
	44.1		44.6	41.8	43.5
	37.5	39.7	37.2	38.2	46.0
	41.8		42.5	38.8	41.1
	40.6		40.5	40.9	40.9
	43.9	30.3	44.5	41.8	44.1
	41.1		41.5	39.2	40.6
	36.7	37.8	34.0	40.4	44.8
	39.2		37.5	42.1	40.6
	40.0		41.7		37.9
	39.6		39.5	40.0	39.9
	42.1		42.1	42.0	42.2
	38.0		38.2	37.4	37.9
	40.6		40.5	41.0	40.9
	37.2		38.4		35.4
	45.2		46.4		43.4
	37.9		38.3	36.2	37.5
	43.1		43.3	42.6	43.1
	46.9	32.5	48.1	36.4	46.0
	35.9	37.2	37.2		43.0
	41.1		40.2	43.1	42.1
	31.8		33.0		30.0
Sum	41.3	29.5	41.7	39.9	41.9



Equivalent Continuous Sound Level

MP01 NMTVAR001

June 2023

	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
6/1/2023	55.9	45.4	56.4	53.6	56.6
6/2/2023	68.1	45.9	69.3	55.8	66.6
6/3/2023	53.5	44.8	53.4	53.8	55.3
6/4/2023	54.7	48.6	53.1	57.5	58.1
6/5/2023	57.5	45.6	58.1	55.4	57.9
6/6/2023	57.5	45.4	57.4	57.8	58.5
6/7/2023	57.1	49.0	56.9	57.5	59.1
6/8/2023	56.8	50.6	56.9	56.4	59.3
6/9/2023	56.9	47.3	57.4	55.2	58.0
6/10/2023	53.0	45.5	52.2	54.6	55.5
6/11/2023	54.9	48.3	55.2	53.7	57.1
6/12/2023	56.9	45.3	57.0	56.6	57.8
6/13/2023	56.9	48.1	56.7	57.3	58.7
6/14/2023	56.1	49.0	56.2	55.8	58.3
6/15/2023	55.8	46.8	55.9	55.4	57.3
6/16/2023	57.0	58.4	57.5	55.0	64.4
6/17/2023	54.4	49.2	53.8	55.9	57.8
6/18/2023	52.5	47.4	52.7	51.9	55.6
6/19/2023	55.6	45.7	55.5	56.0	57.1
6/20/2023	55.6	45.4	56.0	54.4	56.6
6/21/2023	54.3	47.9	54.6	52.9	56.5
6/22/2023	55.2	46.7	54.9	56.1	57.2
6/23/2023	56.9	46.9	57.4	55.1	57.8
6/24/2023	53.7	46.6	53.6	54.1	56.0
6/25/2023	55.1	46.2	55.0	55.6	56.9
6/26/2023	56.9	54.3	57.0	56.4	61.4
6/27/2023	58.6	46.9	58.8	57.9	59.4
6/28/2023	56.1	47.8	56.6	53.5	57.4
6/29/2023	62.2	47.9	57.0	67.1	65.0
6/30/2023	56.0	47.2	55.8	56.3	57.8
Sum	58.1	49.1	58.3	57.2	59.5

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
	36.4			42.4	39.7
	52.0		52.2	51.6	52.0
	46.6		46.9	45.4	46.3
	46.7	45.5	47.9		51.7
	51.3		51.6	50.7	51.2
	53.1		52.3	54.8	53.9
	51.1	46.5	50.5	52.5	54.8
	51.5	49.0	51.1	52.5	56.3
	52.4	41.7	53.1	48.6	52.8
	46.8		47.2	45.2	46.4
	52.2	42.1	53.2	46.1	52.6
	52.0		51.2	53.7	52.8
	54.2		53.4	56.0	55.1
	49.0	42.9	46.9	52.4	52.6
	50.6		50.2	51.5	51.0
	54.4		54.8	53.1	54.1
	49.1		49.1	49.0	49.2
	45.2	39.0	46.5		46.9
	48.6		47.2	51.1	49.8
	51.2		51.7	49.5	50.8
	48.2		48.9	45.3	47.5
	50.4		48.2	53.8	52.0
	54.4		54.8	52.9	54.0
	50.4		50.8	48.9	50.0
	52.6	37.6	52.5	52.7	53.2
	50.7		48.8	53.9	52.2
	55.5		55.2	56.3	55.9
	48.7		48.2	49.9	49.0
	49.9		48.1	53.0	51.4
	53.0		52.5	54.2	53.6
Sum	51.3	38.7	51.1	51.8	52.3

* Availability < 50%

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

	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
6/1/2023	55.1	49.7	55.8	51.7	57.7
6/2/2023	57.5	49.1	58.2	54.2	58.7
6/3/2023	56.1	49.7	56.8	53.1	58.2
6/4/2023	52.8	50.6	52.9	52.6	57.6
6/5/2023	55.1	47.9	55.6	53.3	57.0
6/6/2023	55.0	48.1	55.0	55.2	57.4
6/7/2023	54.7	51.7	55.0	53.5	58.9
6/8/2023	56.0	51.0	56.6	54.0	58.9
6/9/2023	55.0	50.0	55.6	52.0	57.8
6/10/2023	52.0	48.1	51.9	52.2	55.8
6/11/2023	53.5	50.8	54.2	50.3	57.7
6/12/2023	55.2	49.6	55.5	53.7	57.8
6/13/2023	56.5	47.1	56.6	56.0	57.9
6/14/2023	54.7	48.5	55.1	52.9	57.0
6/15/2023	54.5	48.5	54.8	53.7	57.1
6/16/2023	55.7	46.4	56.2	53.7	56.8
6/17/2023	52.9	50.6	53.0	52.6	57.6
6/18/2023	52.5	48.3	52.5	52.5	56.2
6/19/2023	53.8	49.7	54.1	53.0	57.5
6/20/2023	56.2	49.1	56.8	53.8	58.1
6/21/2023	53.8	49.0	54.2	52.3	56.9
6/22/2023	55.1	47.9	55.0	55.3	57.3
6/23/2023	55.9	47.5	56.2	54.9	57.4
6/24/2023	52.7	47.5	52.9	52.0	55.6
6/25/2023	53.3	49.4	53.3	53.4	57.2
6/26/2023	55.6	49.2	55.8	55.0	58.0
6/27/2023	*	*	*	*	*
6/28/2023	*	*	*	*	*
6/29/2023	54.9	50.1	55.4	52.8	57.9
6/30/2023	55.5	49.9	55.6	55.3	58.3
Sum	54.9	49.3	55.3	53.6	57.6

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
	34.3			40.3	37.5
	51.0		51.4	49.7	50.7
	44.3		44.6	43.6	44.2
	44.8	42.8	46.1		49.2
	49.0		49.2	48.1	48.8
	50.9		49.5	53.4	52.1
	49.5	44.1	49.4	49.9	52.6
	50.3	45.9	50.0	51.0	53.9
	50.4	40.3	51.1	46.7	51.0
	44.9		44.9	44.8	45.0
	51.0	40.8	52.0	44.1	51.3
	50.4		49.8	51.7	51.0
	53.0		52.3	54.6	53.7
	47.0	41.5	45.6	49.6	50.5
	48.8		48.5	49.7	49.2
	51.9		52.3	50.4	51.5
	46.9		47.0	46.4	46.8
	45.7	39.3	47.0		47.3
	46.6		45.8	48.1	47.3
	50.6		51.1	49.1	50.3
	46.4		47.3	41.4	45.4
	48.4		46.5	51.5	49.9
	52.7		53.2	50.8	52.2
	47.9		48.2	46.7	47.6
	50.9	38.0	50.8	51.3	51.8
	49.4		47.7	52.3	50.8
	*	*	*	*	*
	*	*	*	*	*
	46.6		47.0	44.9	46.2
	51.6		51.3	52.5	52.1
Sum	49.4	36.8	49.4	49.5	50.3

* Availability < 50%



Equivalent Continuous Sound Level

MP03 NMTVAR003

June 2023

	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
6/1/2023	56.1	54.4	56.0	56.4	61.3
6/2/2023	93.0	55.8	94.2	56.8	91.2
6/3/2023	58.6	55.8	59.1	56.3	62.8
6/4/2023	64.3	56.7	65.4	56.1	65.5
6/5/2023	66.5	55.7	67.7	56.7	66.4
6/6/2023	65.8	55.3	66.9	58.8	66.0
6/7/2023	62.6	55.5	63.6	55.9	64.1
6/8/2023	64.0	54.7	65.0	57.3	64.5
6/9/2023	62.1	54.8	62.9	57.5	63.6
6/10/2023	57.9	56.1	58.1	57.1	62.9
6/11/2023	64.6	56.9	65.6	56.5	65.7
6/12/2023	57.6	55.7	57.8	56.9	62.5
6/13/2023	64.8	55.5	65.9	57.0	65.3
6/14/2023	63.5	56.3	64.5	56.4	64.9
6/15/2023	64.4	55.8	65.4	56.6	65.1
6/16/2023	60.8	54.6	61.7	55.7	62.7
6/17/2023	62.7	54.5	63.7	56.3	63.7
6/18/2023	57.9	55.3	58.4	56.2	62.3
6/19/2023	55.9	54.8	56.2	55.0	61.6
6/20/2023	57.9	55.8	58.6	55.1	62.6
6/21/2023	59.7	54.7	60.6	55.0	62.3
6/22/2023	64.1	55.4	65.1	56.3	64.8
6/23/2023	64.9	55.1	66.0	57.1	65.2
6/24/2023	63.5	54.5	64.6	55.2	64.1
6/25/2023	60.8	54.6	61.7	55.9	62.8
6/26/2023	61.2	54.3	62.1	55.9	62.8
6/27/2023	63.0	55.1	64.0	56.6	64.1
6/28/2023	58.6	54.5	59.2	55.5	61.9
6/29/2023	58.0	55.1	58.6	55.7	62.1
6/30/2023	62.0	55.4	62.9	57.4	63.8
Sum	78.3	55.3	79.6	56.5	76.7

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
	48.4		49.4	41.8	47.1
	39.0		39.7	35.3	38.1
	41.1	36.8	42.4		43.9
	45.7		46.7	40.4	44.5
	50.0		50.2	49.4	49.9
	44.9	40.0	45.7	41.1	47.7
	46.2	33.4	46.6	44.8	46.6
	46.4	35.1	47.1	43.1	46.7
	42.8		43.7	37.3	41.6
	45.5	33.1	46.5	38.7	45.2
	43.5		43.2	44.3	43.9
	46.0		46.1	45.8	46.1
	40.4	33.5	40.8	38.7	42.4
	47.1		48.0	42.7	46.2
	46.4		47.4	39.3	45.1
	46.5		47.5	39.3	45.2
	39.7		41.0		37.9
	33.8		31.7	36.9	35.4
	40.9		41.8	36.0	39.8
	38.9		40.1		37.1
	47.4		48.2	43.2	46.4
	49.1		50.2	37.3	47.5
	44.5		45.5	37.9	43.3
	44.6	35.4	45.1	42.7	45.8
	41.1		40.8	41.9	41.5
	49.3		50.0	45.7	48.5
	43.2		43.8	40.1	42.3
	36.9		38.2		35.2
	46.4		46.2	47.0	46.8
	45.2	29.7	46.0	42.0	44.9

* Availability < 50%



Equivalent Continuous Sound Level

MP04 NMTVAR004

June 2023

	Total Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
6/1/2023	58.7	51.9	59.6	54.3	60.4
6/2/2023	64.8	52.9	65.9	54.9	64.4
6/3/2023	58.7	51.7	59.6	53.5	60.3
6/4/2023	59.4	53.7	60.3	54.7	61.7
6/5/2023	60.2	51.3	61.2	55.0	61.0
6/6/2023	60.7	51.9	61.6	55.3	61.5
6/7/2023	*	*	*	*	*
6/8/2023	*	*	*	*	*
6/9/2023	*	*	*	*	*
6/10/2023	*	*	*	*	*
6/11/2023	*	*	*	*	*
6/12/2023	*	*	*	*	*
6/13/2023	*	*	*	*	*
6/14/2023	*	*	*	*	*
6/15/2023	*	*	*	*	*
6/16/2023	*	*	*	*	*
6/17/2023	*	*	*	*	*
6/18/2023	*	*	*	*	*
6/19/2023	*	*	*	*	*
6/20/2023	59.5	*	60.3	57.1	*
6/21/2023	59.3	52.4	59.8	57.0	61.2
6/22/2023	59.7	56.7	60.4	56.5	63.7
6/23/2023	59.7	52.5	60.4	56.2	61.4
6/24/2023	58.0	53.2	58.8	54.3	60.8
6/25/2023	58.3	53.1	58.6	57.2	61.2
6/26/2023	*	*	*	*	*
6/27/2023	58.7	53.2	59.4	55.8	61.2
6/28/2023	60.3	54.0	60.7	58.6	62.6
6/29/2023	60.0	53.3	60.8	56.5	61.9
6/30/2023	60.3	52.8	61.1	56.3	61.8
Sum	60.1	*	60.9	56.0	*

	Aircraft Sound [dB(A)]				
	L _{eq} Day	L _{eq} Night/L _N	L _D	L _E	L _{DEN}
	30.0			36.0	33.2
	39.6		40.8		37.8
	36.5		31.8	41.2	39.0
	40.0	38.7	41.2		44.9
	44.1		43.7	44.9	44.5
	44.1		44.5	42.3	43.7
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	46.5	*	47.1	44.8	*
	38.8		40.1		37.1
	40.6		38.9	43.6	42.0
	42.9		43.5	40.1	42.2
	39.1		38.1	41.0	40.0
	44.2	34.6	44.1	44.6	45.8
	*	*	*	*	*
	44.4		44.9	42.9	44.1
	41.8		41.4	43.0	42.2
	42.3		43.2	37.6	41.3
	46.7		46.6	46.9	46.9
Sum	42.6	*	42.8	42.2	*

* Availability < 50%

NMT Statistics
MP01 NMTVAR001



April 2023

	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
4/1/2023	12	5	27	5	100.0	41.7	95.6	T W	54.2	52.2	49.8	35.1	89.5
4/2/2023	7	7	32	12	58.3	100.0	68.8	T W	51.6	50.9	43.0	34.8	75.6
4/3/2023	18	7	32	7	100.0	38.9	99.9		52.6	51.5	45.9	34.2	78.3
4/4/2023	44	6	28	9	66.7	13.6	77.0	T W	56.1	55.6	46.1	38.3	82.3
4/5/2023	25	0	0	0		0.0	94.0	T W	53.5	53.5		35.8	
4/6/2023	0	0	31	9	0.0		0.0	T	*	*	*		
4/7/2023	0	0	32	4	0.0		0.0	T	*	*	*		
4/8/2023	0	0	27	8	0.0		0.0	T	*	*	*		
4/9/2023	0	0	35	6	0.0		0.0	T	*	*	*		
4/10/2023	0	0	30	7	0.0		0.0	T	*	*	*		
4/11/2023	0	0	28	10	0.0		0.0	T	*	*	*		
4/12/2023	0	0	32	14	0.0		0.0	T	*	*	*		
4/13/2023	0	0	36	13	0.0		0.0	T	*	*	*		
4/14/2023	0	0	0	0			0.0	T	*	*	*		
4/15/2023	0	0	26	7	0.0		0.0	T	*	*	*		
4/16/2023	0	0	35	4	0.0		0.0	T	*	*	*		
4/17/2023	0	0	34	9	0.0		0.0	T	*	*	*		
4/18/2023	34	3	33	5	60.0	8.8	48.6	T	*	*	*	35.8	78.8
4/19/2023	14	6	34	7	85.7	42.9	99.8		52.5	51.9	42.9	32.1	79.6
4/20/2023	43	11	32	12	91.7	25.6	97.8	T W	55.8	55.6	43.3	33.3	73.7
4/21/2023	37	5	27	6	83.3	13.5	89.5	T W	54.8	54.7	39.6	32.6	73.3
4/22/2023	7	2	25	2	100.0	28.6	99.9		53.8	52.8	46.7	34.3	87.9
4/23/2023	8	7	32	7	100.0	87.5	99.9		53.1	50.5	49.8	34.3	88.3
4/24/2023	63	7	26	9	77.8	11.1	83.2	T W	55.9	55.3	47.3	33.5	79.4
4/25/2023	39	6	32	6	100.0	15.4	99.9		55.5	55.1	45.3	31.7	79.1
4/26/2023	39	8	34	8	100.0	20.5	99.9		54.9	54.4	45.4	31.0	78.5
4/27/2023	39	6	33	9	66.7	15.4	64.5	T W	56.3	56.1	42.5	35.2	74.0
4/28/2023	40	7	29	9	77.8	17.5	87.4	T W	55.6	55.4	41.9	33.0	74.6
4/29/2023	13	11	33	11	100.0	84.6	99.9		54.2	51.2	51.2	34.1	87.8
4/30/2023	12	10	34	11	90.9	83.3	99.9		61.7	61.6	44.8	34.4	77.1
Sum	494	114	869	226	50.4	23.1	53.5	T W	55.7	55.2	46.3	31.0	89.5

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

* Availability < 50%

NMT Statistics
MP02 NMTVAR002
April 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
4/1/2023	22	5	27	5	100.0	22.7	95.7	T W	52.8	50.5	49.0	36.3	87.9
4/2/2023	11	7	32	12	58.3	63.6	68.7	T W	50.5	49.6	42.9	35.5	75.4
4/3/2023	27	7	32	7	100.0	25.9	99.9		53.2	52.7	43.9	35.5	76.4
4/4/2023	0	0	28	9	0.0		0.0	T	*	*	*		
4/5/2023	0	0	0	0			0.0	T	*	*	*		
4/6/2023	0	0	31	9	0.0		0.0	T	*	*	*		
4/7/2023	11	4	32	4	100.0	36.4	99.9		51.4	51.1	40.1	34.1	75.7
4/8/2023	15	8	27	8	100.0	53.3	99.9		54.0	50.1	51.6	34.1	87.1
4/9/2023	10	6	35	6	100.0	60.0	99.9		49.7	48.2	44.3	33.2	79.0
4/10/2023	11	7	30	7	100.0	63.6	99.9		51.0	50.0	44.5	34.8	77.9
4/11/2023	7	4	28	10	40.0	57.1	60.3	T W	52.0	51.6	41.7	35.4	75.0
4/12/2023	14	8	32	14	57.1	57.1	83.2	T W	52.2	51.3	45.1	35.5	80.2
4/13/2023	0	0	36	13	0.0	0.0	0.0	T	*	*	*		
4/14/2023	10	0	0	0		0.0	99.9		49.9	49.9		34.5	
4/15/2023	7	7	26	7	100.0	100.0	99.9		52.7	48.2	50.8	33.0	88.0
4/16/2023	8	4	35	4	100.0	50.0	99.9		49.5	47.6	45.0	33.6	81.8
4/17/2023	12	9	34	9	100.0	75.0	99.9		51.2	49.6	46.0	31.3	79.5
4/18/2023	16	4	33	5	80.0	25.0	99.9		51.5	50.9	42.9	29.5	77.6
4/19/2023	31	7	34	7	100.0	22.6	99.9		52.7	52.2	43.6	32.0	78.9
4/20/2023	35	11	32	12	91.7	31.4	97.8	T W	52.5	51.9	43.5	33.2	75.1
4/21/2023	30	5	27	6	83.3	16.7	89.5	T W	52.1	51.9	39.7	32.8	74.7
4/22/2023	7	2	25	2	100.0	28.6	99.9		52.4	49.9	48.9	34.4	88.7
4/23/2023	7	7	32	7	100.0	100.0	99.9		51.8	48.9	48.6	34.2	86.4
4/24/2023	28	7	26	9	77.8	25.0	83.2	T W	53.3	52.4	45.8	34.8	77.3
4/25/2023	28	6	32	6	100.0	21.4	99.9		52.9	52.3	43.4	33.3	76.5
4/26/2023	27	8	34	8	100.0	29.6	99.9		52.3	51.7	43.6	30.9	77.4
4/27/2023	27	6	33	9	66.7	22.2	64.5	T W	52.8	52.3	42.6	35.2	75.0
4/28/2023	64	7	29	9	77.8	10.9	87.4	T W	57.3	57.2	41.2	33.2	72.6
4/29/2023	18	11	33	11	100.0	61.1	99.9		53.7	49.3	51.7	33.2	88.5
4/30/2023	17	11	34	11	100.0	64.7	99.9		50.4	49.2	44.3	34.2	76.2
Sum	500	168	869	226	74.3	31.8	81.0	T W	52.4	51.2	46.4	29.5	88.7

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

* Availability < 50%

NMT Statistics
MP03 NMTVAR003
April 2023

	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
4/1/2023	77	2	27	5	40.0	2.6	95.5	T W	55.1	55.0	39.1	45.7	75.5
4/2/2023	98	0	32	12	0.0	0.0	68.5	T W	56.5	56.5		46.0	
4/3/2023	0	0	32	7	0.0		0.0	T	*	*	*		
4/4/2023	0	0	28	9	0.0		0.0	T	*	*	*		
4/5/2023	0	0	0	0			0.0	T	*	*	*		
4/6/2023	0	0	31	9	0.0		0.0	T	*	*	*		
4/7/2023	0	0	32	4	0.0		0.0	T	*	*	*		
4/8/2023	0	0	27	8	0.0		0.0	T	*	*	*		
4/9/2023	0	0	35	6	0.0		0.0	T	*	*	*		
4/10/2023	0	0	30	7	0.0		0.0	T	*	*	*		
4/11/2023	0	0	28	10	0.0		0.0	T	*	*	*		
4/12/2023	0	0	32	14	0.0		0.0	T	*	*	*		
4/13/2023	0	0	36	13	0.0		0.0	T	*	*	*		
4/14/2023	0	0	0	0			0.0	T	*	*	*		
4/15/2023	0	0	26	7	0.0		0.0	T	*	*	*		
4/16/2023	0	0	35	4	0.0		0.0	T	*	*	*		
4/17/2023	0	0	34	9	0.0		0.0	T	*	*	*		
4/18/2023	75	2	33	5	40.0	2.7	39.2	T	*	*	*	47.1	67.2
4/19/2023	40	2	34	7	28.6	5.0	99.9		54.5	54.4	33.7	44.8	69.9
4/20/2023	92	6	32	12	50.0	6.5	97.8	T W	55.7	55.6	36.2	46.2	68.8
4/21/2023	42	2	27	6	33.3	4.8	89.5	T W	55.0	55.0	36.5	43.3	70.8
4/22/2023	110	2	25	2	100.0	1.8	99.9		59.6	59.5	44.3	44.4	82.2
4/23/2023	142	6	32	7	85.7	4.2	99.9		56.4	56.1	44.2	43.8	79.7
4/24/2023	200	6	26	9	66.7	3.0	83.2	T W	61.5	61.4	42.2	42.8	76.2
4/25/2023	208	6	32	6	100.0	2.9	99.9		58.2	58.1	38.4	42.0	71.1
4/26/2023	173	4	34	8	50.0	2.3	99.9		55.7	55.6	36.7	43.4	71.2
4/27/2023	141	1	33	9	11.1	0.7	64.5	T W	57.9	57.9	28.4	46.8	68.2
4/28/2023	187	2	29	9	22.2	1.1	87.4	T W	57.7	57.6	34.8	44.1	71.6
4/29/2023	133	6	33	11	54.5	4.5	99.9		59.8	59.3	50.1	42.7	86.9
4/30/2023	79	6	34	11	54.5	7.6	99.9		54.9	54.8	37.8	44.3	71.9
Sum	1797	53	869	226	23.5	2.9	44.2	T W	*	*	*	42.0	86.9

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

* Availability < 50%

NMT Statistics
MP04 NMTVAR004
April 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
4/1/2023	32	5	27	5	100.0	15.6	95.7	T W	56.3	56.1	44.2	40.2	80.5
4/2/2023	32	7	32	12	58.3	21.9	68.8	T W	55.7	55.5	42.1	40.2	77.9
4/3/2023	193	2	32	7	28.6	1.0	99.9		60.8	60.8	37.4	39.5	70.7
4/4/2023	292	4	28	9	44.4	1.4	77.0	T W	63.7	63.7	37.3	43.8	74.3
4/5/2023	306	0	0	0		0.0	95.7	T W	62.8	62.8		43.3	
4/6/2023	82	8	31	9	88.9	9.8	97.8	T W	58.7	58.7	40.7	40.0	70.4
4/7/2023	31	0	32	4	0.0	0.0	99.9		57.5	57.5		38.6	
4/8/2023	24	3	27	8	37.5	12.5	99.9		57.1	56.9	43.0	38.4	77.8
4/9/2023	3	1	35	6	16.7	33.3	99.9		55.0	55.0	35.1	38.6	73.2
4/10/2023	19	1	30	7	14.3	5.3	99.9		57.3	57.3	32.9	37.7	71.3
4/11/2023	113	3	28	10	30.0	2.7	60.3	T W	59.9	59.9	38.9	40.2	71.3
4/12/2023	36	7	32	14	50.0	19.4	83.2	T W	57.0	56.9	39.9	39.9	69.9
4/13/2023	0	0	36	13	0.0	0.0	0.0	T	*	*	*		
4/14/2023	10	0	0	0		0.0	99.9		55.6	55.6		40.0	
4/15/2023	6	5	26	7	71.4	83.3	99.9		53.0	52.4	44.6	38.1	80.1
4/16/2023	7	2	35	4	50.0	28.6	99.9		53.0	52.7	41.5	37.8	78.5
4/17/2023	7	2	34	9	22.2	28.6	99.7		54.7	54.6	34.2	35.2	72.8
4/18/2023	10	3	33	5	60.0	30.0	99.8		57.1	57.1	38.1	34.5	74.5
4/19/2023	22	4	34	7	57.1	18.2	99.8		56.6	56.6	38.1	36.5	74.2
4/20/2023	121	7	32	12	58.3	5.8	97.7	T W	59.5	59.4	39.6	37.2	71.9
4/21/2023	36	3	27	6	50.0	8.3	89.0	T W	57.6	57.6	36.8	36.8	73.8
4/22/2023	0	0	25	2	0.0		0.0	T	*	*	*		
4/23/2023	0	0	32	7	0.0		0.0	T	*	*	*		
4/24/2023	0	0	26	9	0.0		0.0	T	*	*	*		
4/25/2023	0	0	32	6	0.0		0.0	T	*	*	*		
4/26/2023	8	4	34	8	50.0	50.0	54.3	T	57.2	57.1	39.7	39.4	71.6
4/27/2023	140	4	33	9	44.4	2.9	64.5	T W	59.9	59.8	37.5	40.0	70.4
4/28/2023	90	4	29	9	44.4	4.4	87.4	T W	58.0	57.9	36.9	37.5	71.3
4/29/2023	28	7	33	11	63.6	25.0	99.9		56.3	56.2	40.9	36.4	72.9
4/30/2023	12	5	34	11	45.5	41.7	99.9		55.6	55.5	38.0	39.0	71.4
Sum	1660	91	869	226	40.3	5.1	75.7	T W	58.1	58.1	39.4	34.5	80.5

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

* Availability < 50%

NMT Statistics
MP01 NMTVAR001
May 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
5/1/2023	15	9	32	9	100.0	60.0	99.9		52.9	50.5	49.1	34.9	84.4
5/2/2023	26	8	33	9	88.9	30.8	99.1		55.1	54.6	45.5	35.2	77.6
5/3/2023	51	12	31	13	92.3	23.5	95.7	T W	56.2	55.5	48.0	32.3	79.5
5/4/2023	43	8	34	9	88.9	18.6	97.8	T W	56.3	55.5	48.2	30.6	80.0
5/5/2023	97	2	29	2	100.0	2.1	99.9		58.1	58.0	42.0	31.7	79.8
5/6/2023	19	6	29	8	75.0	31.6	87.4	T W	55.2	54.6	46.1	35.1	80.0
5/7/2023	34	6	32	6	100.0	17.6	99.9		55.1	54.6	45.4	35.6	80.7
5/8/2023	14	12	35	13	92.3	85.7	99.9		53.2	50.3	50.0	34.7	82.2
5/9/2023	61	6	29	6	100.0	9.8	99.9		56.4	56.0	45.5	34.5	78.5
5/10/2023	102	10	34	11	90.9	9.8	99.9		57.6	57.0	48.8	32.8	79.2
5/11/2023	99	11	31	11	100.0	11.1	99.9		59.0	58.6	48.9	33.1	79.7
5/12/2023	32	9	28	10	90.0	28.1	91.6	T W	56.4	55.8	47.8	33.6	81.7
5/13/2023	11	7	34	6	116.7	63.6	99.9		52.4	50.7	47.5	33.7	84.8
5/14/2023	18	16	35	9	177.8	88.9	99.9		52.8	50.5	48.9	36.2	81.0
5/15/2023	61	13	34	14	92.9	21.3	99.9		57.4	56.8	48.6	31.6	82.6
5/16/2023	55	12	34	12	100.0	21.8	99.9		56.2	55.7	46.6	32.6	77.0
5/17/2023	51	5	29	10	50.0	9.8	83.2	T W	59.1	58.9	45.2	32.7	78.4
5/18/2023	7	7	37	7	100.0	100.0	99.9		52.1	51.0	45.6	34.3	81.5
5/19/2023	20	8	37	12	66.7	40.0	85.3	T W	53.5	52.5	46.6	35.1	78.3
5/20/2023	8	5	38	9	55.6	62.5	89.5	T W	53.4	52.9	43.2	34.4	76.9
5/21/2023	10	9	32	10	90.0	90.0	97.8	T W	52.8	51.4	47.1	35.3	81.1
5/22/2023	81	9	30	8	112.5	11.1	99.9		57.0	56.6	46.1	31.3	78.5
5/23/2023	13	8	45	8	100.0	61.5	99.9		53.7	52.4	47.9	32.1	81.9
5/24/2023	12	8	38	9	88.9	66.7	99.9		52.8	51.6	46.5	32.4	80.0
5/25/2023	16	9	43	9	100.0	56.3	99.9		53.2	51.0	49.1	32.6	85.5
5/26/2023	39	11	52	11	100.0	28.2	99.9		56.5	55.8	48.5	33.0	82.4
5/27/2023	15	8	35	8	100.0	53.3	99.9		52.2	51.2	45.6	31.7	80.3
5/28/2023	11	9	38	9	100.0	81.8	99.9		52.6	49.6	49.6	32.5	87.8
5/29/2023	28	7	48	7	100.0	25.0	99.9		54.9	54.5	43.7	30.8	77.8
5/30/2023	29	6	51	6	100.0	20.7	99.9		55.5	54.9	46.3	32.8	82.2
5/31/2023	34	3	42	3	100.0	8.8	99.9		56.0	55.8	41.8	33.3	77.6
Sum	1112	259	1109	274	94.5	23.3	97.6	T W	55.5	54.8	47.2	30.6	87.8

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

* Availability < 50%

NMT Statistics
MP02 NMTVAR002
May 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
5/1/2023	11	9	32	9	100.0	81.8	99.9		51.2	48.3	48.0	33.9	83.9
5/2/2023	30	9	33	9	100.0	30.0	99.9		52.2	51.5	44.2	34.2	75.8
5/3/2023	24	12	31	13	92.3	50.0	95.7	T W	52.4	51.3	45.9	32.2	77.1
5/4/2023	20	8	34	9	88.9	40.0	97.8	T W	53.8	52.8	46.7	29.7	78.4
5/5/2023	8	2	29	2	100.0	25.0	99.9		51.7	51.4	40.8	31.8	79.9
5/6/2023	8	6	29	8	75.0	75.0	87.4	T W	50.5	49.4	43.9	34.3	78.2
5/7/2023	9	6	32	6	100.0	66.7	99.9		49.8	48.7	43.3	34.2	78.4
5/8/2023	19	12	35	13	92.3	63.2	99.9		51.6	49.4	47.6	31.5	78.7
5/9/2023	13	6	29	6	100.0	46.2	99.9		51.7	50.8	44.1	31.3	77.2
5/10/2023	26	11	34	11	100.0	42.3	99.9		52.9	51.8	46.6	33.1	80.0
5/11/2023	17	11	31	11	100.0	64.7	99.9		52.6	51.2	46.8	34.8	78.3
5/12/2023	25	9	28	10	90.0	36.0	91.6	T W	52.5	51.5	45.9	33.8	79.4
5/13/2023	13	7	34	6	116.7	53.8	99.9		50.6	49.0	45.6	32.9	80.7
5/14/2023	31	16	35	9	177.8	51.6	99.9		51.8	50.0	47.1	33.3	79.0
5/15/2023	43	13	34	14	92.9	30.2	99.9		53.8	52.1	48.7	31.5	83.2
5/16/2023	36	12	34	12	100.0	33.3	99.9		52.8	52.1	44.7	31.3	74.4
5/17/2023	40	5	29	10	50.0	12.5	83.2	T W	52.8	52.3	43.2	31.5	75.8
5/18/2023	35	7	37	7	100.0	20.0	99.9		52.3	51.6	44.0	32.8	79.1
5/19/2023	36	8	37	12	66.7	22.2	85.3	T W	52.8	52.2	43.9	32.9	76.0
5/20/2023	43	5	38	9	55.6	11.6	89.5	T W	52.3	51.9	41.9	33.2	75.5
5/21/2023	39	8	32	10	80.0	20.5	97.8	T W	51.9	50.9	45.4	32.9	77.7
5/22/2023	39	9	30	8	112.5	23.1	99.9		52.9	52.2	44.4	29.4	77.2
5/23/2023	44	8	45	8	100.0	18.2	99.9		53.4	52.5	46.3	30.2	82.1
5/24/2023	46	8	38	9	88.9	17.4	99.9		52.3	51.4	45.0	32.2	78.8
5/25/2023	40	9	43	9	100.0	22.5	99.9		54.1	53.0	47.5	31.2	83.9
5/26/2023	64	11	52	11	100.0	17.2	99.9		54.0	53.0	47.0	32.6	80.2
5/27/2023	39	8	35	8	100.0	20.5	99.9		52.8	52.1	44.7	31.0	78.6
5/28/2023	36	9	38	9	100.0	25.0	99.9		53.2	50.7	49.6	30.1	89.0
5/29/2023	51	7	48	7	100.0	13.7	99.9		53.8	53.4	42.6	30.0	77.5
5/30/2023	35	6	51	6	100.0	17.1	99.9		53.5	52.8	45.2	31.3	80.7
5/31/2023	63	3	42	3	100.0	4.8	99.9		53.8	53.6	40.4	31.7	75.7
Sum	983	260	1109	274	94.9	26.4	97.6	T W	52.6	51.6	45.7	29.4	89.0

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

NMT Statistics
MP03 NMTVAR003

May 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
5/1/2023	241	8	32	9	88.9	3.3	99.9		58.8	58.7	41.7	43.5	74.9
5/2/2023	219	8	33	9	88.9	3.7	99.9		57.9	57.8	42.9	43.6	76.1
5/3/2023	484	9	31	13	69.2	1.9	95.7	T W	64.1	64.0	46.2	42.1	78.2
5/4/2023	343	7	34	9	77.8	2.0	97.8	T W	63.3	63.3	41.1	43.9	74.8
5/5/2023	126	2	29	2	100.0	1.6	99.9		55.2	55.2	34.0	42.9	70.6
5/6/2023	373	6	29	8	75.0	1.6	87.4	T W	61.8	61.8	41.0	42.5	77.1
5/7/2023	330	3	32	6	50.0	0.9	99.9		62.6	62.5	41.7	41.6	76.8
5/8/2023	424	13	35	13	100.0	3.1	99.9		63.0	62.9	45.3	43.1	78.3
5/9/2023	213	6	29	6	100.0	2.8	99.9		58.4	58.3	37.2	42.8	71.9
5/10/2023	373	8	34	11	72.7	2.1	99.9		66.2	66.1	44.0	44.2	79.5
5/11/2023	500	11	31	11	100.0	2.2	99.9		64.6	64.5	43.2	44.5	76.6
5/12/2023	418	8	28	10	80.0	1.9	91.6	T W	60.9	60.8	39.6	44.6	74.5
5/13/2023	281	5	34	6	83.3	1.8	99.9		59.4	59.4	39.3	45.1	72.6
5/14/2023	186	9	35	9	100.0	4.8	99.9		56.5	56.4	39.7	43.1	73.5
5/15/2023	533	14	34	14	100.0	2.6	99.9		61.5	61.4	45.9	45.0	77.1
5/16/2023	456	10	34	12	83.3	2.2	99.8		64.6	64.6	44.3	42.7	78.0
5/17/2023	375	5	29	10	50.0	1.3	83.2	T W	61.1	61.1	37.5	42.7	73.5
5/18/2023	166	4	37	7	57.1	2.4	99.9		56.8	56.8	34.0	44.2	68.4
5/19/2023	265	6	37	12	50.0	2.3	85.3	T W	59.9	59.8	41.0	46.1	78.1
5/20/2023	297	5	38	9	55.6	1.7	89.5	T W	60.6	60.5	43.1	44.6	79.4
5/21/2023	368	5	32	10	50.0	1.4	97.4	T W	60.6	60.6	36.7	43.3	72.4
5/22/2023	310	8	30	8	100.0	2.6	99.7		61.4	61.3	41.6	44.3	74.2
5/23/2023	141	6	45	8	75.0	4.3	99.8		57.8	57.7	40.9	44.3	78.5
5/24/2023	212	6	38	9	66.7	2.8	97.2	T	57.5	57.5	34.9	44.7	68.2
5/25/2023	0	0	43	9	0.0		0.0	T	*	*	*		
5/26/2023	63	3	52	11	27.3	4.8	40.2	T	*	*	*	44.2	79.2
5/27/2023	86	4	35	8	50.0	4.7	99.9		56.4	56.4	35.3	44.2	67.8
5/28/2023	197	6	38	9	66.7	3.0	99.9		57.2	57.1	39.0	42.9	72.7
5/29/2023	93	2	48	7	28.6	2.2	99.9		57.1	57.1	34.1	44.8	78.3
5/30/2023	109	5	51	6	83.3	4.6	99.9		56.8	56.7	39.4	44.2	77.0
5/31/2023	221	3	42	3	100.0	1.4	99.9		59.1	59.0	42.2	44.3	78.8
Sum	8403	195	1109	274	71.2	2.3	92.4	T W	61.0	60.9	41.6	41.6	79.5

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

* Availability < 50%

NMT Statistics
MP04 NMTVAR004
May 2023

	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
5/1/2023	11	3	32	9	33.3	27.3	99.9		55.6	55.5	36.7	37.7	71.1
5/2/2023	58	3	33	9	33.3	5.2	99.9		58.0	57.9	35.7	36.9	74.7
5/3/2023	187	8	31	13	61.5	4.3	95.7	T W	59.8	59.7	41.3	35.1	74.3
5/4/2023	62	4	34	9	44.4	6.5	97.8	T W	58.0	58.0	39.4	35.4	72.4
5/5/2023	50	2	29	2	100.0	4.0	99.9		57.7	57.7	33.9	35.9	71.0
5/6/2023	78	4	29	8	50.0	5.1	87.4	T W	58.2	58.1	42.5	37.1	77.2
5/7/2023	77	2	32	6	33.3	2.6	99.9		57.7	57.7	34.5	39.7	72.2
5/8/2023	67	5	35	13	38.5	7.5	99.9		57.7	57.6	41.5	36.3	76.4
5/9/2023	96	2	29	6	33.3	2.1	99.9		59.5	59.5	34.9	35.6	71.2
5/10/2023	105	6	34	11	54.5	5.7	99.9		58.8	58.7	39.9	36.5	72.9
5/11/2023	193	8	31	11	72.7	4.1	99.9		60.0	59.9	42.3	35.8	73.2
5/12/2023	80	4	28	10	40.0	5.0	91.6	T W	58.5	58.4	38.4	36.4	72.8
5/13/2023	29	2	34	6	33.3	6.9	99.9		56.9	56.8	40.0	37.8	77.8
5/14/2023	22	3	35	9	33.3	13.6	99.9		57.3	57.2	38.9	38.7	73.7
5/15/2023	66	6	34	14	42.9	9.1	99.9		58.5	58.4	42.3	35.0	78.6
5/16/2023	73	4	34	12	33.3	5.5	99.9		58.8	58.7	39.3	34.7	70.7
5/17/2023	106	3	29	10	30.0	2.8	83.2	T W	60.1	60.1	37.2	35.7	72.7
5/18/2023	50	3	37	7	42.9	6.0	99.9		57.9	57.8	37.4	38.3	72.2
5/19/2023	131	2	37	12	16.7	1.5	85.3	T W	59.6	59.5	37.9	35.7	71.3
5/20/2023	105	3	38	9	33.3	2.9	89.5	T W	59.1	59.0	37.6	38.3	76.1
5/21/2023	74	4	32	10	40.0	5.4	97.8	T W	58.0	57.9	40.3	39.1	75.2
5/22/2023	64	5	30	8	62.5	7.8	99.9		57.8	57.8	36.2	34.7	70.2
5/23/2023	73	3	45	8	37.5	4.1	99.9		57.9	57.9	38.9	36.0	74.9
5/24/2023	79	1	38	9	11.1	1.3	99.9		57.7	57.7	35.4	35.6	74.1
5/25/2023	38	5	43	9	55.6	13.2	99.9		57.1	56.9	43.4	37.5	79.4
5/26/2023	68	4	52	11	36.4	5.9	99.9		58.8	58.8	36.2	36.6	70.3
5/27/2023	38	7	35	8	87.5	18.4	99.9		57.1	56.9	41.3	37.0	74.4
5/28/2023	29	4	38	9	44.4	13.8	99.9		55.7	55.3	45.2	35.9	82.9
5/29/2023	43	4	48	7	57.1	9.3	99.8		58.1	58.1	36.4	35.0	70.6
5/30/2023	85	5	51	6	83.3	5.9	99.7		58.4	58.4	39.4	35.8	74.0
5/31/2023	65	2	42	3	66.7	3.1	99.8		58.4	58.4	30.0	36.8	68.2
Sum	2302	121	1109	274	44.2	5.3	97.6	T W	58.2	58.2	39.6	34.7	82.9

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

* Availability < 50%

NMT Statistics
MP01 NMTVAR001
June 2023

	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
6/1/2023	25	1	47	1	100.0	4.0	99.9		54.3	54.3	34.7	33.0	73.0
6/2/2023	21	17	60	17	100.0	81.0	99.9		66.3	66.2	50.3	35.4	81.4
6/3/2023	6	5	41	6	83.3	83.3	99.9		52.1	51.1	44.9	33.7	78.4
6/4/2023	11	6	42	6	100.0	54.5	99.9		53.4	52.5	46.3	32.1	80.5
6/5/2023	36	13	50	13	100.0	36.1	95.7	T W	55.8	54.6	49.5	32.9	79.9
6/6/2023	30	22	71	25	88.0	73.3	97.8	T W	55.9	54.0	51.3	33.9	82.1
6/7/2023	23	14	47	13	107.7	60.9	99.9		55.6	54.2	50.0	32.1	82.2
6/8/2023	25	17	48	17	100.0	68.0	99.9		55.5	53.7	50.8	32.7	82.7
6/9/2023	21	16	63	16	100.0	76.2	99.9		55.4	53.6	50.8	32.5	82.4
6/10/2023	7	6	44	6	100.0	85.7	99.9		51.6	50.5	45.0	34.2	78.0
6/11/2023	18	15	54	15	100.0	83.3	99.9		53.6	50.5	50.7	32.4	87.6
6/12/2023	24	14	49	14	100.0	58.3	99.9		55.3	53.6	50.2	32.0	80.7
6/13/2023	29	22	75	22	100.0	75.9	99.7		55.4	52.3	52.5	33.3	82.8
6/14/2023	20	8	46	8	100.0	40.0	99.9		54.7	53.7	47.8	30.3	80.2
6/15/2023	17	13	47	15	86.7	76.5	99.9		54.3	52.9	48.8	30.3	81.6
6/16/2023	30	24	83	24	100.0	80.0	99.9		57.5	55.7	52.7	31.5	82.2
6/17/2023	18	9	45	9	100.0	50.0	99.9		53.3	52.0	47.4	31.1	80.5
6/18/2023	16	14	48	12	116.7	87.5	97.8	T W	51.3	50.5	43.9	34.0	78.2
6/19/2023	9	7	56	7	100.0	77.8	93.5	T W	53.9	53.0	46.7	31.6	80.1
6/20/2023	38	27	79	30	90.0	71.1	95.5	T W	54.0	52.2	49.4	32.3	79.7
6/21/2023	10	7	48	7	100.0	70.0	99.9		53.0	51.9	46.5	33.1	81.1
6/22/2023	21	17	53	17	100.0	81.0	99.9		53.7	52.1	48.6	32.3	78.4
6/23/2023	30	26	77	27	96.3	86.7	99.9		55.4	52.1	52.6	31.7	82.3
6/24/2023	15	14	56	14	100.0	93.3	99.9		52.4	50.0	48.6	31.6	80.8
6/25/2023	23	21	55	23	91.3	91.3	97.8	T W	53.6	50.4	50.8	31.3	82.0
6/26/2023	49	15	52	16	93.8	30.6	99.9		56.2	55.3	49.0	30.6	80.3
6/27/2023	51	36	99	36	100.0	70.6	99.9		57.0	54.2	53.8	36.0	82.1
6/28/2023	33	16	61	19	84.2	48.5	97.8	T W	54.6	53.8	46.9	34.0	79.1
6/29/2023	52	16	50	19	84.2	30.8	99.9		60.5	60.2	48.2	31.8	77.4
6/30/2023	37	30	87	31	96.8	81.1	99.2		54.5	51.7	51.3	33.5	82.7
Sum	745	468	1733	485	96.5	62.8	99.1	T W	56.6	55.6	49.7	30.3	87.6

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

* Availability < 50%

NMT Statistics
MP02 NMTVAR002
June 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
6/1/2023	64	1	47	1	100.0	1.6	99.9		53.9	53.9	32.5	32.4	71.3
6/2/2023	63	17	60	17	100.0	27.0	99.9		56.0	55.0	49.3	34.2	81.0
6/3/2023	39	5	41	6	83.3	12.8	99.9		54.8	54.5	42.6	33.6	76.1
6/4/2023	38	6	42	6	100.0	15.8	99.9		52.2	51.4	44.2	31.7	80.1
6/5/2023	45	13	50	13	100.0	28.9	95.7	T W	53.7	52.6	47.1	30.9	78.0
6/6/2023	40	22	71	25	88.0	55.0	97.8	T W	53.7	51.8	49.1	33.5	79.1
6/7/2023	53	14	47	13	107.7	26.4	99.9		53.9	52.5	48.3	31.0	80.4
6/8/2023	77	17	48	17	100.0	22.1	99.9		54.9	53.5	49.3	32.6	79.8
6/9/2023	47	16	63	16	100.0	34.0	99.9		53.9	52.2	48.8	33.1	80.1
6/10/2023	32	6	44	6	100.0	18.8	99.9		51.0	50.3	43.1	33.1	76.8
6/11/2023	34	15	54	15	100.0	44.1	99.9		52.8	50.0	49.5	32.2	86.5
6/12/2023	60	14	49	14	100.0	23.3	99.9		54.0	52.5	48.6	31.1	79.1
6/13/2023	88	22	75	22	100.0	25.0	99.9		55.0	52.6	51.2	32.1	81.4
6/14/2023	49	8	46	8	100.0	16.3	99.9		53.4	52.6	45.8	28.6	79.1
6/15/2023	54	14	47	15	93.3	25.9	99.9		53.3	52.1	47.0	29.4	78.0
6/16/2023	69	24	83	24	100.0	34.8	99.9		54.2	52.1	50.1	31.8	79.1
6/17/2023	49	8	45	9	88.9	16.3	99.9		52.3	51.4	45.1	32.4	78.7
6/18/2023	36	14	48	12	116.7	38.9	97.8	T W	51.5	50.5	44.4	33.1	75.3
6/19/2023	42	7	56	7	100.0	16.7	93.6	T W	52.8	52.0	44.7	31.9	77.6
6/20/2023	76	28	79	30	93.3	36.8	97.8	T W	54.8	53.5	48.8	30.1	78.9
6/21/2023	43	7	48	7	100.0	16.3	99.9		52.7	51.9	44.7	33.3	79.8
6/22/2023	78	17	53	17	100.0	21.8	99.9		53.7	52.8	46.6	32.1	76.2
6/23/2023	52	27	77	27	100.0	51.9	99.9		54.4	51.8	50.9	32.6	80.3
6/24/2023	37	14	56	14	100.0	37.8	99.9		51.5	50.1	46.1	31.4	77.2
6/25/2023	44	22	55	23	95.7	50.0	97.8	T W	52.4	49.5	49.2	31.8	79.9
6/26/2023	78	15	52	16	93.8	19.2	99.9		54.3	53.3	47.7	30.4	78.5
6/27/2023	0	0	99	36	0.0		0.0	T	*	*	*		
6/28/2023	0	0	61	19	0.0		0.0	T	*	*	*		
6/29/2023	63	19	50	19	100.0	30.2	99.9		53.8	53.2	44.8	31.8	77.8
6/30/2023	81	30	87	31	96.8	37.0	99.9		54.3	52.4	49.9	34.0	80.1
Sum	1531	422	1733	485	87.0	27.6	92.6	T W	53.7	52.4	47.8	28.6	86.5

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

* Availability < 50%

NMT Statistics
MP03 NMTVAR003
June 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
6/1/2023	57	0	47	1	0.0	0.0	99.9		55.6	55.6		45.4	
6/2/2023	237	16	60	17	94.1	6.8	99.9		91.2	91.2	46.6	46.7	76.9
6/3/2023	230	5	41	6	83.3	2.2	99.9		57.8	57.8	37.2	44.5	74.0
6/4/2023	340	5	42	6	83.3	1.5	99.9		62.9	62.9	40.1	43.6	73.8
6/5/2023	372	10	50	13	76.9	2.7	95.7	T W	64.8	64.8	43.9	45.8	78.3
6/6/2023	449	18	71	25	72.0	4.0	97.8	T W	64.2	64.1	48.2	46.1	80.7
6/7/2023	395	12	47	13	92.3	3.0	99.9		61.3	61.2	43.8	45.1	79.3
6/8/2023	461	15	48	17	88.2	3.3	99.9		62.5	62.4	44.5	44.9	78.1
6/9/2023	364	15	63	16	93.8	4.1	99.9		60.7	60.6	44.8	46.6	76.8
6/10/2023	184	4	44	6	66.7	2.2	99.9		57.4	57.3	41.0	44.5	77.6
6/11/2023	418	14	54	15	93.3	3.3	99.9		63.2	63.1	43.9	42.9	78.9
6/12/2023	237	14	49	14	100.0	5.9	99.9		57.0	56.9	41.7	44.1	75.2
6/13/2023	302	19	75	22	86.4	6.3	99.9		63.3	63.3	44.3	45.6	74.4
6/14/2023	325	8	46	8	100.0	2.5	99.9		62.1	62.1	39.0	43.8	70.8
6/15/2023	405	14	47	15	93.3	3.5	99.9		62.9	62.8	45.4	42.9	75.6
6/16/2023	337	22	83	24	91.7	6.5	99.9		59.5	59.3	44.6	42.5	76.0
6/17/2023	380	9	45	9	100.0	2.4	99.9		61.3	61.2	44.8	44.2	81.2
6/18/2023	81	4	48	12	33.3	4.9	97.8	T W	57.2	57.1	37.9	42.9	75.5
6/19/2023	108	3	56	7	42.9	2.8	93.6	T W	55.6	55.5	31.9	45.7	66.9
6/20/2023	194	14	79	30	46.7	7.2	97.8	T W	57.3	57.2	39.1	44.7	68.6
6/21/2023	232	5	48	7	71.4	2.2	99.9		58.6	58.6	37.1	45.9	73.9
6/22/2023	339	13	53	17	76.5	3.8	99.8		62.6	62.5	45.6	45.4	82.0
6/23/2023	374	22	77	27	81.5	5.9	99.9		63.4	63.3	47.3	43.8	78.1
6/24/2023	340	12	56	14	85.7	3.5	99.9		62.0	61.9	42.8	44.4	76.3
6/25/2023	199	16	55	23	69.6	8.0	97.8	T W	59.5	59.4	43.0	42.8	76.2
6/26/2023	170	14	52	16	87.5	8.2	99.8		59.8	59.8	39.3	43.9	70.8
6/27/2023	309	29	99	36	80.6	9.4	99.5		61.6	61.4	47.6	46.1	77.5
6/28/2023	157	13	61	19	68.4	8.3	97.8	T W	57.6	57.5	41.4	45.8	72.4
6/29/2023	90	6	50	19	31.6	6.7	99.3		57.3	57.2	35.2	45.5	72.7
6/30/2023	274	21	87	31	67.7	7.7	99.7		60.7	60.6	44.7	45.6	76.0
Sum	8360	372	1733	485	76.7	4.4	99.2	T W	76.6	76.6	43.5	42.5	82.0

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

* Availability < 50%

NMT Statistics
MP04 NMTVAR004
June 2023



	Noise Events		Flights		N1/N2	N1/N3	Availability		L _{eq} [dB(A)]			L _{min}	L _{max}
	Total	Correlated	Total	Relevant	[%]	[%]	[%]	Reason	Total	Ambient	Aircraft	[dB(A)]	[dB(A)]
6/1/2023	46	1	47	1	100.0	2.2	99.9		57.4	57.4	28.2	37.4	66.2
6/2/2023	59	4	60	17	23.5	6.8	99.7		63.2	63.2	37.8	37.2	75.3
6/3/2023	74	2	41	6	33.3	2.7	97.3	T	57.5	57.4	34.8	40.3	72.6
6/4/2023	99	4	42	6	66.7	4.0	99.9		58.2	58.2	39.6	37.9	73.1
6/5/2023	107	7	50	13	53.8	6.5	95.6	T W	58.6	58.5	42.2	36.0	74.4
6/6/2023	123	10	71	25	40.0	8.1	97.5	T W	59.2	59.1	42.3	35.9	77.4
6/7/2023	0	0	47	13	0.0		0.0	T	*	*	*		
6/8/2023	0	0	48	17	0.0		0.0	T	*	*	*		
6/9/2023	0	0	63	16	0.0		0.0	T	*	*	*		
6/10/2023	0	0	44	6	0.0		0.0	T	*	*	*		
6/11/2023	0	0	54	15	0.0		0.0	T	*	*	*		
6/12/2023	0	0	49	14	0.0		0.0	T	*	*	*		
6/13/2023	0	0	75	22	0.0		0.0	T	*	*	*		
6/14/2023	0	0	46	8	0.0		0.0	T	*	*	*		
6/15/2023	0	0	47	15	0.0		0.0	T	*	*	*		
6/16/2023	0	0	83	24	0.0		0.0	T	*	*	*		
6/17/2023	0	0	45	9	0.0		0.0	T	*	*	*		
6/18/2023	0	0	48	12	0.0		0.0	T	*	*	*		
6/19/2023	0	0	56	7	0.0		0.0	T	*	*	*		
6/20/2023	57	14	79	30	46.7	24.6	55.3	T W	59.2	59.0	46.2	41.9	75.6
6/21/2023	86	3	48	7	42.9	3.5	99.9		57.9	57.9	37.1	36.9	73.5
6/22/2023	103	7	53	17	41.2	6.8	99.9		58.9	58.9	38.9	36.6	73.4
6/23/2023	105	11	77	27	40.7	10.5	99.9		58.3	58.3	41.1	36.0	74.0
6/24/2023	56	3	56	14	21.4	5.4	99.9		56.9	56.9	37.3	38.4	74.2
6/25/2023	59	10	55	23	43.5	16.9	97.8	T W	57.1	56.9	42.7	38.9	76.9
6/26/2023	0	0	52	16	0.0		0.0	T	*	*	*		
6/27/2023	78	16	99	36	44.4	20.5	99.9		57.5	57.4	42.7	37.8	72.1
6/28/2023	109	8	61	19	42.1	7.3	97.8	T W	59.0	58.9	40.0	37.3	73.7
6/29/2023	104	12	50	19	63.2	11.5	99.9		58.7	58.6	40.6	37.1	72.8
6/30/2023	142	18	87	31	58.1	12.7	99.9		58.9	58.7	44.9	38.0	76.4
Sum	1407	130	1733	485	26.8	9.2	51.3	T W	58.8	58.7	41.0	35.9	77.4

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

Reference Level Exceedances
April 2023

ATA/ATD	Flight Number	A/D	Runway	Aircraft Type	MP01	MP02	MP03	MP04
					LASmax	LASmax	LASmax	LASmax
4/1/2023 7:59:00 AM	BUC605	D	09	MD82	89.5 (+4.5)	87.9 (+2.9)	75.5	80.5
4/8/2023 7:56:00 AM	BUC605	D	09	MD82		87.1 (+2.1)		77.8
4/8/2023 3:52:00 PM	BUC843	D	09	MD82		86.8 (+1.8)		76.7
4/15/2023 8:04:00 AM	BUC605	D	09	MD82		88.0 (+3.0)		80.1
4/15/2023 5:02:00 PM	BUC863	D	09	MD82		86.2 (+1.2)		76.9
4/22/2023 6:03:00 AM	BUC605	D	09	MD82	87.9 (+2.9)	88.7 (+3.7)	82.2	
4/23/2023 9:05:00 AM	BGH3023	D	09	MD82	88.3 (+3.3)	86.4 (+1.4)	79.7	
4/29/2023 7:52:00 AM	BUC605	D	09	MD82	86.5 (+1.5)	87.9 (+2.9)	85.8 (+0.8)	72.3
4/29/2023 7:14:00 PM	BUC823	D	09	MD82	87.8 (+2.8)	88.5 (+3.5)	86.9 (+1.9)	72.9

Reference Level Exceedances
May 2023

ATA/ATD	Flight Number	A/D	Runway	Aircraft Type	MP01	MP02	MP03	MP04
					LASmax	LASmax	LASmax	LASmax
5/25/2023 10:05:00 AM	BUC879	D	09	MD82	85.5 (+0.5)	83.9		79.4
5/28/2023 3:53:00 PM	6H712	D	09	MD82	87.8 (+2.8)	89.0 (+4.0)		82.9

Reference Level Exceedances
June 2023

ATA/ATD	Flight Number	A/D	Runway	Aircraft Type	MP01	MP02	MP03	MP04
					LASmax	LASmax	LASmax	LASmax
6/11/2023 4:24:00 PM	6H716	D	09	MD82	87.6 (+2.6)	86.5 (+1.5)	73.5	