

**ТРИМЕСЕЧЕН ДОКЛАД  
ЗА ПЕРИОДА ЯНУАРИ - МАРТ 2021 ГОДИНА**

**РЕЗУЛТАТИ**

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

Настоящата информация е изготвена в съответствие с чл. 31 от Наредба № 54 от 13 Декември 2010 г. за дейността на националната система за мониторинг на шума в околната среда и за изискванията за провеждане на собствен мониторинг и предоставяне на информация от промишлените източници на шум в околната среда.

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

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

Адрес: град Варна, летище Варна

**2. Лице за контакти**

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

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

В Приложение № 1 към настоящия доклад “Справка за броя на изпълнените самолетодвижения от/до летище Варна по редовни линии и сезонни чартърни линии за периода януари - март 2021 г.” са дадени типа и модификацията на въздухоплавателните средства (ВС), изпълняващи редовни полети по разписание и сезонни чартърни линии от/до летище Варна.

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

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

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

Местоположенията на терминалите са както следва:

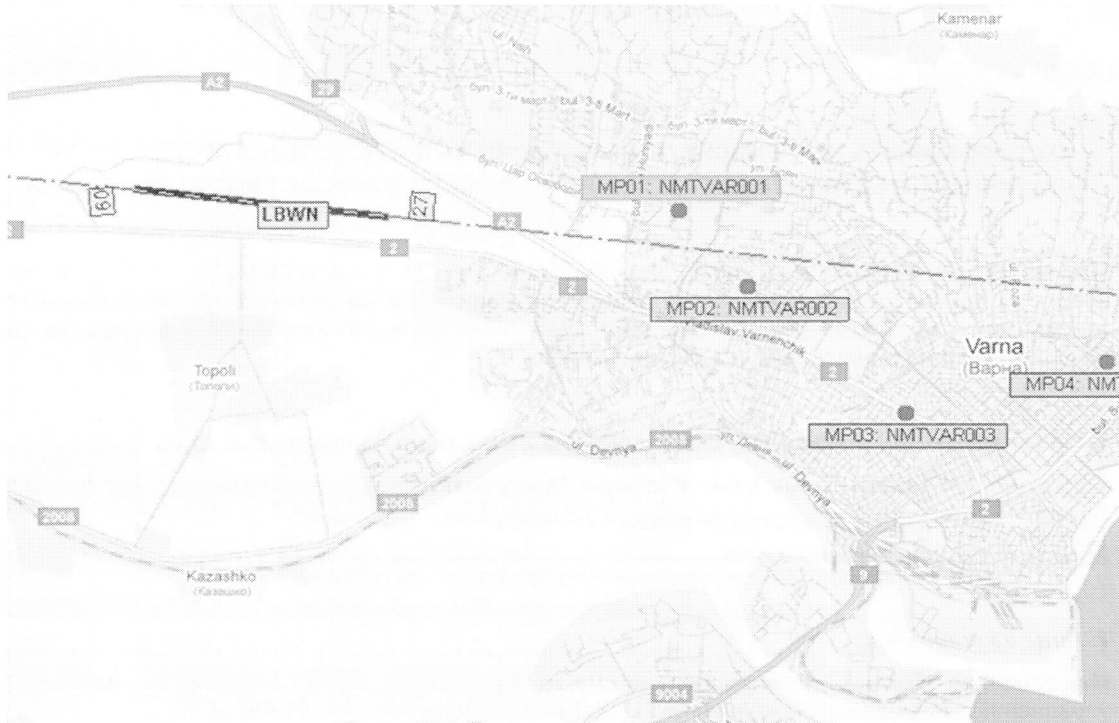
**Терминал 1** - комплекс “Младост”, ул. “Мечтание” / 43 ЦДГ “Синчец”, покрив на сградата на детска градина;

## 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 първо тримесечие на 2021 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.

## Фрапорт Туин Стар Еърпорт Мениджмънт АД

Таблица 1

Терминал за мониторинг на шума	Брой регистрирани шумови събития		
	януари 2021 г.	февруари 2021 г.	март 2021 г.
T1	49	29	67
T2	49	29	67
T3	49	29	67
T4	49	29	67

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

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

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

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

Изготвил:



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



Търговска

№1

Traffic by Aircraft Type  
January 2021



AC-Type	AC-Type Long Name	Movements per Month			Sum
		January	February	March	
A319	Airbus A319	8	22	48	78
A320	Airbus A320	131	93	121	345
B733	Boeing 737-300	1	3	6	10
B734	Boeing 737-400	0	1	0	1
B738	Boeing 737-800	0	0	2	2
BE40	Hawker 400	0	3	0	3
BE4W		0	1	0	1
C25A	Cessna 525A Citation CJ2	0	2	2	4
C25C	Cessna 525C Citation CJ4	2	0	0	2
C27J	Alenia C-27J Spartan	0	0	4	4
C421	Cessna 421	0	0	2	2
C425	Cessna 425 Conquest 1	2	0	0	2
C510	Cessna 510 Citation Mustang	0	4	0	4
C525	Cessna 525 Citation CJ1	0	2	4	6
C550	Cessna 550 Citation 2	0	2	6	8
C55B	Cessna 550B Citation Bravo	0	0	2	2
C56X	Cessna 560XL Citation Excel	2	2	0	4
C750	Cessna 750 Citation 10	0	0	2	2
CL35	Bombardier BD-100 Challenger 350	2	0	0	2
DA50	Diamond DA-50 Super Star	0	0	4	4
DH8D	Bombardier DHC-8-400 Dash 8	6	0	0	6
E190	Embraer ERJ 190-100	83	47	53	183
E195	Embraer ERJ 190-200	8	0	6	14
E35L	Embraer EMB-135BJ Legacy	0	2	4	6
EVOT		0	0	2	2
F2TH	Dassault Falcon 2000	2	2	2	6
G150	Gulfstream G150	2	0	0	2
GL5T	Bombardier BD-700 Global 5000	0	2	2	4
GLF5	Gulfstream 5	10	9	2	21
LJ35	Bombardier Learjet 35/36	0	0	2	2
LJ40	Bombardier Learjet 40	0	0	2	2
LJ45	Bombardier Learjet 45	4	0	0	4
LJ60	Bombardier Learjet 60	0	2	0	2
MD82	McDonnell Douglas MD-82	0	0	1	1
P180	Piaggio P-180 Avanti	0	2	6	8
P46T	Piper PA-46-500TP Malibu Meridian	0	0	2	2
PA46	Piper PA-46-310P Malibu	0	0	2	2
SF34	Saab 340	0	2	0	2
TL20		0	0	2	2
Sum		263	203	291	757



Equivalent Continuous Sound Level  
 MP01 NMTVAR001  
 January 2021

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>F</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>F</sub>	L <sub>DEN</sub>
1/1/2021	*	*	*	*	*	*	*	*	*	*
1/2/2021	*	*	*	*	*	*	*	*	*	*
1/3/2021	*	*	*	*	*	*	*	*	*	*
1/4/2021	*	*	*	*	*	*	*	*	*	*
1/5/2021	*	*	*	*	*	*	*	*	*	*
1/6/2021	*	*	*	*	*	*	*	*	*	*
1/7/2021	*	*	*	*	*	*	*	*	*	*
1/8/2021	*	*	*	*	*	*	*	*	*	*
1/9/2021	*	*	*	*	*	*	*	*	*	*
1/10/2021	*	*	*	*	*	*	*	*	*	*
1/11/2021	*	*	*	*	*	*	*	*	*	*
1/12/2021	*	*	*	*	*	*	*	*	*	*
1/13/2021	51.8	*	52.6	49.1	*	37.2	*	42.4	*	*
1/14/2021	52.9	41.5	53.9	47.0	52.9	36.5	37.7			34.7
1/15/2021	53.8	41.5	54.7	47.8	53.6	28.4	29.7			26.7
1/16/2021	49.2	41.6	50.0	45.4	50.7		35.3			40.5
1/17/2021	47.4	43.6	48.0	44.7	50.9	35.0	37.1			32.5
1/18/2021	50.4	41.0	52.0	44.8	51.2					
1/19/2021	51.1	40.9	52.3	45.4	51.5					
1/20/2021	53.5	42.0	54.5	46.4	53.4					
1/21/2021	56.1	42.8	57.2	47.9	55.5					
1/22/2021	55.8	42.8	56.8	48.7	55.3					
1/23/2021	51.3	42.8	52.1	47.3	52.4					
1/24/2021	49.8	41.7	50.6	46.1	51.1					
1/25/2021	51.2	45.5	52.4	46.1	53.7					
1/26/2021	53.4	44.0	54.1	50.3	54.3		42.6			48.5
1/27/2021	*	*	*	48.9	*	*	*		41.0	38.2
1/28/2021	52.8	41.6	53.5	49.6	53.2	31.9	33.2		41.6	30.1
1/29/2021	52.0	41.4	52.9	46.7	52.3					
1/30/2021	49.9	41.8	50.7	45.6	51.1	37.5	38.8			35.8
1/31/2021	50.7	42.2	51.4	47.2	51.8					
Sum	52.4	42.5	53.4	47.4	52.9	32.5	31.0	32.2	33.1	37.9

\* Availability < 50%

Equivalent Continuous Sound Level  
MP02 NMTVAR002



January 2021

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>p</sub>	L <sub>e</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>p</sub>	L <sub>e</sub>	L <sub>DEN</sub>
1/1/2021	*	*	*	*	*	*	*	*	*	*
1/2/2021	*	*	*	*	*	*	*	*	*	*
1/3/2021	*	*	*	*	*	*	*	*	*	*
1/4/2021	*	*	*	*	*	*	*	*	*	*
1/5/2021	*	*	*	*	*	*	*	*	*	*
1/6/2021	*	*	*	*	*	*	*	*	*	*
1/7/2021	*	*	*	*	*	*	*	*	*	*
1/8/2021	*	*	*	*	*	*	*	*	*	*
1/9/2021	*	*	*	*	*	*	*	*	*	*
1/10/2021	*	*	*	*	*	*	*	*	*	*
1/11/2021	*	*	*	*	*	*	*	*	*	*
1/12/2021	*	*	*	*	*	*	*	*	*	*
1/13/2021	*	*	*	*	*	*	*	*	*	*
1/14/2021	*	*	*	*	*	*	*	*	*	*
1/15/2021	*	*	*	*	*	*	*	*	*	*
1/16/2021	*	*	*	*	*	*	*	*	*	*
1/17/2021	*	*	*	*	*	*	*	*	*	*
1/18/2021	*	*	*	*	*	*	*	*	*	*
1/19/2021	*	*	*	*	*	*	*	*	*	*
1/20/2021	*	*	*	*	*	*	*	*	*	*
1/21/2021	*	*	*	*	*	*	*	*	*	*
1/22/2021	*	*	*	*	*	*	*	*	*	*
1/23/2021	*	*	*	*	*	*	*	*	*	*
1/24/2021	*	*	*	*	*	*	*	*	*	*
1/25/2021	*	*	*	*	*	*	*	*	*	*
1/26/2021	*	*	*	*	*	*	*	*	*	*
1/27/2021	*	*	*	*	*	*	*	*	*	*
1/28/2021	*	*	*	*	*	*	*	*	*	*
1/29/2021	*	*	*	*	*	*	*	*	*	*
1/30/2021	*	*	*	*	*	*	*	*	*	*
1/31/2021	*	*	*	*	*	*	*	*	*	*
Sum	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%





Equivalent Continuous Sound Level

MP03 NMTVAR003

January 2021

	Total Sound [dB(A)]					Aircraft sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
1/1/2021	*	*	*	*	*	*	*	*	*	*
1/2/2021	*	*	*	*	*	*	*	*	*	*
1/3/2021	*	*	*	*	*	*	*	*	*	*
1/4/2021	*	*	*	*	*	*	*	*	*	*
1/5/2021	*	*	*	*	*	*	*	*	*	*
1/6/2021	*	*	*	*	*	*	*	*	*	*
1/7/2021	*	*	*	*	*	*	*	*	*	*
1/8/2021	*	*	*	*	*	*	*	*	*	*
1/9/2021	*	*	*	*	*	*	*	*	*	*
1/10/2021	*	*	*	*	*	*	*	*	*	*
1/11/2021	*	*	*	*	*	*	*	*	*	*
1/12/2021	*	*	*	*	*	*	*	*	*	*
1/13/2021	*	*	*	*	*	*	*	*	*	*
1/14/2021	*	*	*	*	*	*	*	*	*	*
1/15/2021	*	*	*	*	*	*	*	*	*	*
1/16/2021	*	*	*	*	*	*	*	*	*	*
1/17/2021	*	*	*	*	*	*	*	*	*	*
1/18/2021	*	*	*	*	*	*	*	*	*	*
1/19/2021	*	*	*	*	*	*	*	*	*	*
1/20/2021	*	*	*	*	*	*	*	*	*	*
1/21/2021	*	*	*	*	*	*	*	*	*	*
1/22/2021	*	*	*	*	*	*	*	*	*	*
1/23/2021	*	*	*	*	*	*	*	*	*	*
1/24/2021	*	*	*	*	*	*	*	*	*	*
1/25/2021	*	*	*	*	*	*	*	*	*	*
1/26/2021	*	*	*	*	*	*	*	*	*	*
1/27/2021	*	*	*	*	*	*	*	*	*	*
1/28/2021	*	*	*	*	*	*	*	*	*	*
1/29/2021	*	*	*	*	*	*	*	*	*	*
1/30/2021	*	*	*	*	*	*	*	*	*	*
1/31/2021	*	*	*	*	*	*	*	*	*	*
Sum	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%



Equivalent Continuous Sound Level  
MP04 NMTVAR004

January 2021

	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Nighty/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
1/1/2021	*	*	*	*	*
1/2/2021	*	*	*	*	*
1/3/2021	*	*	*	*	*
1/4/2021	*	*	*	*	*
1/5/2021	*	*	*	*	*
1/6/2021	*	*	*	*	*
1/7/2021	*	*	*	*	*
1/8/2021	*	*	*	*	*
1/9/2021	*	*	*	*	*
1/10/2021	*	*	*	*	*
1/11/2021	*	*	*	*	*
1/12/2021	*	*	*	*	*
1/13/2021	59.5	*	*	58.7	*
1/14/2021	58.8	52.2	59.8	51.5	60.5
1/15/2021	59.0	51.1	60.0	52.1	60.1
1/16/2021	57.7	49.8	58.6	52.3	58.8
1/17/2021	55.2	50.3	56.0	51.5	58.0
1/18/2021	56.7	50.5	58.2	52.0	59.2
1/19/2021	57.1	50.7	58.3	52.2	59.2
1/20/2021	58.6	49.8	59.6	51.8	59.3
1/21/2021	59.4	51.5	60.4	52.9	60.5
1/22/2021	59.4	50.0	60.4	52.9	59.9
1/23/2021	58.6	50.1	59.6	52.8	59.5
1/24/2021	56.4	49.9	57.2	51.8	58.2
1/25/2021	58.5	50.3	59.5	54.8	59.9
1/26/2021	59.7	50.1	60.4	56.6	60.5
1/27/2021	*	*	*	59.4	*
1/28/2021	58.6	51.2	59.6	52.2	59.9
1/29/2021	58.4	49.6	59.4	52.3	59.2
1/30/2021	56.5	49.3	57.3	53.3	58.2
1/31/2021	57.2	48.7	58.2	51.0	58.1
Sum	58.3	50.4	59.2	53.9	59.6

	Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Nighty/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
1/1/2021	*	*	*	*	*
1/2/2021	*	*	*	*	*
1/3/2021	*	*	*	*	*
1/4/2021	*	*	*	*	*
1/5/2021	*	*	*	*	*
1/6/2021	*	*	*	*	*
1/7/2021	*	*	*	*	*
1/8/2021	*	*	*	*	*
1/9/2021	*	*	*	*	*
1/10/2021	*	*	*	*	*
1/11/2021	*	*	*	*	*
1/12/2021	*	*	*	*	*
1/13/2021	37.8	*	*	42.3	*
1/14/2021	37.0		38.3		35.3
1/15/2021	28.4		29.7		26.7
1/16/2021		30.1			35.3
1/17/2021	33.9		35.9		31.4
1/18/2021					
1/19/2021					
1/20/2021	32.7		34.0		31.0
1/21/2021	33.1		34.4		31.4
1/22/2021	30.2		31.5		28.3
1/23/2021					
1/24/2021	30.9			36.9	34.1
1/25/2021	*	*	*	47.3	*
1/26/2021					
1/27/2021	32.9		34.1		31.1
1/28/2021					
1/29/2021	36.3		37.5		34.5
1/30/2021					
1/31/2021					
Sum	33.1	17.7	31.7	35.4	34.6

\* Availability < 50%

Equivalent Continuous Sound Level  
 MP01 NMTVAR001  
 February 2021



	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
2/1/2021	51.6	45.6	52.4	46.8	53.7
2/2/2021	54.0	42.1	55.1	45.2	53.7
2/3/2021	50.4	41.5	51.0	47.6	51.5
2/4/2021	54.5	42.7	56.1	47.5	54.3
2/5/2021	57.4	44.8	58.5	47.5	56.9
2/6/2021	51.5	41.8	52.4	46.8	52.1
2/7/2021	49.8	42.3	50.5	47.0	51.4
2/8/2021	54.6	42.9	55.8	49.0	54.6
2/9/2021	55.9	44.2	56.9	47.4	55.6
2/10/2021	55.9	42.5	57.0	47.9	55.4
2/11/2021	56.7	42.8	57.1	*	*
2/12/2021	*	*	*	*	*
2/13/2021	47.4	42.5	48.5	43.9	50.6
2/14/2021	48.8	41.1	49.4	46.2	50.4
2/15/2021	52.5	41.6	53.7	47.0	52.7
2/16/2021	51.6	42.6	52.7	45.9	52.4
2/17/2021	52.6	41.0	53.6	46.0	52.5
2/18/2021	51.5	42.6	52.4	46.5	52.3
2/19/2021	52.6	40.7	53.6	46.7	52.5
2/20/2021	51.2	41.3	52.0	47.2	51.8
2/21/2021	*	*	*	*	*
2/22/2021	*	*	*	*	*
2/23/2021	55.7	43.4	56.9	46.0	55.3
2/24/2021	56.8	43.9	57.9	48.3	56.3
2/25/2021	55.5	43.1	56.5	49.0	55.3
2/26/2021	*	*	*	*	*
2/27/2021	53.3	45.0	53.5	52.0	54.6
2/28/2021	51.1	44.2	51.8	47.8	52.9
Sum	53.8	43.0	54.8	47.4	53.9

	Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
2/1/2021	39.6	43.1	40.9		48.7
2/2/2021	30.9			35.5	33.7
2/3/2021	41.6	40.3	42.9		46.6
2/4/2021	39.6		39.5	39.8	39.8
2/5/2021	28.1		29.4	*	26.4
2/6/2021	*	*	*	*	*
2/7/2021	33.8	34.9	35.6		41.4
2/8/2021	36.0		37.5		34.0
2/9/2021	32.3		33.6		30.6
2/10/2021	37.5		38.7		35.7
2/11/2021	42.2	*	43.4	*	40.4
2/12/2021	*	*	*	*	*
2/13/2021	33.5		34.7		31.7
2/14/2021	38.9	*	40.2	*	37.2
2/15/2021	*	*	*	*	*
2/16/2021	37.5	31.6	36.5	27.5	35.7
2/17/2021	35.4	31.6	36.5	27.5	38.7

\* Availability < 50%



Equivalent Continuous Sound Level  
MP02 NMTVAR002

February 2021

	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>n</sub>	L <sub>p</sub>	L <sub>E</sub>	L <sub>DEN</sub>
2/1/2021	*	*	*	*	*
2/2/2021	*	*	*	*	*
2/3/2021	*	*	*	*	*
2/4/2021	*	*	*	*	*
2/5/2021	*	*	*	*	*
2/6/2021	*	*	*	*	*
2/7/2021	*	*	*	*	*
2/8/2021	*	*	*	*	*
2/9/2021	*	*	*	*	*
2/10/2021	*	*	*	*	*
2/11/2021	*	*	*	*	*
2/12/2021	*	*	*	*	*
2/13/2021	*	*	*	*	*
2/14/2021	*	*	*	*	*
2/15/2021	*	*	*	*	*
2/16/2021	*	*	*	*	*
2/17/2021	*	*	*	*	*
2/18/2021	*	*	*	*	*
2/19/2021	*	*	*	*	*
2/20/2021	*	*	*	*	*
2/21/2021	*	*	*	*	*
2/22/2021	*	*	*	*	*
2/23/2021	*	*	*	*	*
2/24/2021	*	*	*	*	*
2/25/2021	*	*	*	*	*
2/26/2021	*	*	*	*	*
2/27/2021	*	*	*	*	*
2/28/2021	*	*	*	*	*
Sum	*	*	*	*	*

	Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>n</sub>	L <sub>p</sub>	L <sub>E</sub>	L <sub>DEN</sub>
2/1/2021	*	*	*	*	*
2/2/2021	*	*	*	*	*
2/3/2021	*	*	*	*	*
2/4/2021	*	*	*	*	*
2/5/2021	*	*	*	*	*
2/6/2021	*	*	*	*	*
2/7/2021	*	*	*	*	*
2/8/2021	*	*	*	*	*
2/9/2021	*	*	*	*	*
2/10/2021	*	*	*	*	*
2/11/2021	*	*	*	*	*
2/12/2021	*	*	*	*	*
2/13/2021	*	*	*	*	*
2/14/2021	*	*	*	*	*
2/15/2021	*	*	*	*	*
2/16/2021	*	*	*	*	*
2/17/2021	*	*	*	*	*
2/18/2021	*	*	*	*	*
2/19/2021	*	*	*	*	*
2/20/2021	*	*	*	*	*
2/21/2021	*	*	*	*	*
2/22/2021	*	*	*	*	*
2/23/2021	*	*	*	*	*
2/24/2021	*	*	*	*	*
2/25/2021	*	*	*	*	*
2/26/2021	*	*	*	*	*
2/27/2021	*	*	*	*	*
2/28/2021	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%



Equivalent Continuous Sound Level  
 MP03 NMTVAR003  
 February 2021

	Total Sound [dB(A)]				Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>n</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>n</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
2/1/2021	*	*	*	*	*	*	*	*	*
2/2/2021	*	*	*	*	*	*	*	*	*
2/3/2021	*	*	*	*	*	*	*	*	*
2/4/2021	*	*	*	*	*	*	*	*	*
2/5/2021	*	*	*	*	*	*	*	*	*
2/6/2021	*	*	*	*	*	*	*	*	*
2/7/2021	*	*	*	*	*	*	*	*	*
2/8/2021	*	*	*	*	*	*	*	*	*
2/9/2021	*	*	*	*	*	*	*	*	*
2/10/2021	*	*	*	*	*	*	*	*	*
2/11/2021	*	*	*	*	*	*	*	*	*
2/12/2021	*	*	*	*	*	*	*	*	*
2/13/2021	*	*	*	*	*	*	*	*	*
2/14/2021	*	*	*	*	*	*	*	*	*
2/15/2021	*	*	*	*	*	*	*	*	*
2/16/2021	*	*	*	*	*	*	*	*	*
2/17/2021	*	*	*	*	*	*	*	*	*
2/18/2021	*	*	*	*	*	*	*	*	*
2/19/2021	*	*	*	*	*	*	*	*	*
2/20/2021	*	*	*	*	*	*	*	*	*
2/21/2021	*	*	*	*	*	*	*	*	*
2/22/2021	*	*	*	*	*	*	*	*	*
2/23/2021	*	*	*	*	*	*	*	*	*
2/24/2021	*	*	*	*	*	*	*	*	*
2/25/2021	*	*	*	*	*	*	*	*	*
2/26/2021	*	*	*	*	*	*	*	*	*
2/27/2021	*	*	*	*	*	*	*	*	*
2/28/2021	*	*	*	*	*	*	*	*	*
Sum	*	*	*	*	*	*	*	*	*

\* Availability < 50%



Equivalent Continuous Sound Level

MP04 NIMTVAR004

February 2021

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
2/1/2021	58.2	49.6	59.1	52.3	59.1					
2/2/2021	59.6	49.0	60.7	51.3	59.7	35.6	32.2	36.8		39.0
2/3/2021	57.9	49.7	58.6	54.6	59.1					
2/4/2021	59.9	49.8	61.2	55.3	60.5	29.7			34.3	32.4
2/5/2021	60.2	51.6	61.2	52.7	60.9	33.9	36.9	35.1		42.5
2/6/2021	58.6	48.0	59.6	51.7	58.7					
2/7/2021	57.6	48.2	58.6	51.4	58.2					
2/8/2021	60.2	49.4	60.5	59.4	61.2					
2/9/2021	60.3	52.5	61.3	52.5	61.3					
2/10/2021	60.2	49.0	61.3	53.1	60.2	27.2		28.5	*	25.5
2/11/2021	60.9	49.4	61.1	*	*				*	*
2/12/2021	*	*	*	*	*	*	*	*	*	*
2/13/2021	56.0	51.5	57.3	51.6	59.4					
2/14/2021	54.8	50.1	55.4	52.3	57.8	31.8	31.2	33.6		37.9
2/15/2021	58.2	51.5	59.1	54.7	60.2	29.8		31.3		27.8
2/16/2021	58.7	52.5	59.7	53.5	60.8					
2/17/2021	57.8	50.7	58.7	52.6	59.4					
2/18/2021	58.4	50.7	59.3	53.3	59.7					
2/19/2021	59.1	51.1	60.0	53.7	60.2	30.1		31.3		28.3
2/20/2021	58.1	50.4	59.0	52.6	59.4	26.5		27.7		24.7
2/21/2021	57.7	49.8	58.5	53.0	58.9					
2/22/2021	60.1	51.6	61.1	53.8	61.0					
2/23/2021	60.1	50.3	61.1	52.7	60.4					
2/24/2021	59.6	51.4	60.6	53.1	60.6					
2/25/2021	60.3	50.5	61.3	54.0	60.7	29.1		30.3		27.3
2/26/2021	60.3	51.2	61.3	53.3	60.9	35.2		36.5		33.5
2/27/2021	59.6	51.6	59.8	58.2	61.0					
2/28/2021	58.0	50.9	58.9	53.6	59.7	34.6		35.9		32.7
Sum	59.1	50.6	60.0	54.0	60.1	28.3	24.7	29.4	20.1	31.7

\* Availability < 50%

Equivalent Continuous Sound Level

MIP01 NMTVAR001

March 2021



	Total Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
3/1/2021	51.9	44.0	52.6	48.0	53.2
3/2/2021	54.5	44.3	55.4	49.0	54.9
3/3/2021	53.1	44.4	54.0	47.3	53.9
3/4/2021	54.7	42.7	55.7	48.1	54.5
3/5/2021	55.0	43.5	55.9	50.5	55.2
3/6/2021	53.0	43.0	54.0	46.4	53.3
3/7/2021	50.9	44.2	51.7	47.3	52.8
3/8/2021	55.0	43.7	56.0	48.1	55.0
3/9/2021	55.1	44.7	56.1	48.7	55.3
3/10/2021	53.7	46.8	54.0	52.7	55.9
3/11/2021	52.6	48.8	53.5	47.6	55.9
3/12/2021	53.8	43.3	54.8	48.1	54.1
3/13/2021	50.8	45.6	51.7	46.4	53.4
3/14/2021	52.1	44.2	52.7	49.7	53.6
3/15/2021	55.4	44.5	56.2	51.7	55.8
3/16/2021	51.5	44.1	52.5	47.0	53.0
3/17/2021	50.5	44.9	*	47.4	*
3/18/2021	51.9	43.9	52.7	47.3	53.1
3/19/2021	54.7	42.9	55.6	50.0	54.8
3/20/2021	50.7	44.1	51.4	47.4	52.6
3/21/2021	51.9	45.9	52.5	49.0	54.2
3/22/2021	52.1	46.3	*	48.6	*
3/23/2021	51.6	45.2	52.4	47.6	53.4
3/24/2021	50.2	45.5	51.1	46.2	53.1
3/25/2021	50.6	42.2	51.6	45.5	51.7
3/26/2021	51.6	42.5	51.9	50.7	53.0
3/27/2021	52.6	43.2	53.4	48.2	53.3
3/28/2021	52.5	42.8	53.0	50.4	53.5
3/29/2021	51.3	42.2	51.9	49.1	52.5
3/30/2021	52.5	43.5	52.9	51.4	54.1
3/31/2021	53.5	43.9	54.0	51.3	54.5
Sum	52.9	44.5	53.8	48.9	54.0

	Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
3/1/2021	31.5		32.8		29.8
3/2/2021	44.1		45.4		42.4
3/3/2021	37.7			43.7	41.0
3/4/2021	39.6		40.1	37.7	39.2
3/5/2021	40.9		42.1		39.1
3/6/2021	41.8		43.0		39.7
3/7/2021	38.8		40.0		37.0
3/8/2021	36.4		35.8	37.8	37.1
3/9/2021	41.5		38.8	45.2	43.3
3/10/2021	43.4		40.9	46.9	45.1
3/11/2021	39.1		40.5		37.2
3/12/2021	38.5		*	42.3	*
3/13/2021	32.1	35.3	33.3		40.9
3/14/2021	41.6		38.9	45.5	43.5
3/15/2021	44.5	41.9	44.6	44.3	49.1
3/16/2021	42.1		*		*
3/17/2021					
3/18/2021					
3/19/2021	34.7		36.0		32.9
3/20/2021	40.9		38.2	44.5	42.7
3/21/2021	39.6		40.8		37.8
3/22/2021	42.9		44.2		41.3
3/23/2021	41.0		38.2	44.6	43.0
3/24/2021	40.1		41.8		38.0
3/25/2021	40.9		41.2	40.0	40.7
3/26/2021	39.3	28.0	39.3	39.4	40.4

\* Availability < 50%



Equivalent Continuous Sound Level

MP02 NMTVAR002

March 2021

	Total Sound [dB(A)]				
	Leq Day	Leq Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
3/1/2021	*	*	*	*	*
3/2/2021	*	*	*	*	*
3/3/2021	*	*	*	*	*
3/4/2021	*	*	*	*	*
3/5/2021	*	*	*	*	*
3/6/2021	*	*	*	*	*
3/7/2021	*	*	*	*	*
3/8/2021	*	*	*	*	*
3/9/2021	*	*	*	*	*
3/10/2021	*	*	*	*	*
3/11/2021	*	*	*	*	*
3/12/2021	*	*	*	*	*
3/13/2021	*	*	*	*	*
3/14/2021	*	*	*	*	*
3/15/2021	*	*	*	*	*
3/16/2021	*	*	*	*	*
3/17/2021	*	*	*	*	*
3/18/2021	*	*	*	*	*
3/19/2021	*	*	*	*	*
3/20/2021	*	*	*	*	*
3/21/2021	*	*	*	*	*
3/22/2021	*	*	*	*	*
3/23/2021	*	*	*	*	*
3/24/2021	*	*	*	*	*
3/25/2021	*	*	*	*	*
3/26/2021	*	*	*	*	*
3/27/2021	*	*	*	*	*
3/28/2021	*	*	*	*	*
3/29/2021	*	*	*	*	*
3/30/2021	*	*	*	*	*
3/31/2021	*	*	*	*	*
Sum	*	*	*	*	*

	Aircraft Sound [dB(A)]				
	Leq Day	Leq Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
3/1/2021	*	*	*	*	*
3/2/2021	*	*	*	*	*
3/3/2021	*	*	*	*	*
3/4/2021	*	*	*	*	*
3/5/2021	*	*	*	*	*
3/6/2021	*	*	*	*	*
3/7/2021	*	*	*	*	*
3/8/2021	*	*	*	*	*
3/9/2021	*	*	*	*	*
3/10/2021	*	*	*	*	*
3/11/2021	*	*	*	*	*
3/12/2021	*	*	*	*	*
3/13/2021	*	*	*	*	*
3/14/2021	*	*	*	*	*
3/15/2021	*	*	*	*	*
3/16/2021	*	*	*	*	*
3/17/2021	*	*	*	*	*
3/18/2021	*	*	*	*	*
3/19/2021	*	*	*	*	*
3/20/2021	*	*	*	*	*
3/21/2021	*	*	*	*	*
3/22/2021	*	*	*	*	*
3/23/2021	*	*	*	*	*
3/24/2021	*	*	*	*	*
3/25/2021	*	*	*	*	*
3/26/2021	*	*	*	*	*
3/27/2021	*	*	*	*	*
3/28/2021	*	*	*	*	*
3/29/2021	*	*	*	*	*
3/30/2021	*	*	*	*	*
3/31/2021	*	*	*	*	*
Sum	*	*	*	*	*

\* Availability < 50%



Equivalent Continuous Sound Level

MP03 NMTVAR003

March 2021



	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
3/1/2021	*	*	*	*	*	*	*	*	*	*
3/2/2021	*	*	*	*	*	*	*	*	*	*
3/3/2021	*	*	*	*	*	*	*	*	*	*
3/4/2021	*	*	*	*	*	*	*	*	*	*
3/5/2021	*	*	*	*	*	*	*	*	*	*
3/6/2021	*	*	*	*	*	*	*	*	*	*
3/7/2021	*	*	*	*	*	*	*	*	*	*
3/8/2021	*	*	*	*	*	*	*	*	*	*
3/9/2021	*	*	*	*	*	*	*	*	*	*
3/10/2021	*	*	*	*	*	*	*	*	*	*
3/11/2021	*	*	*	*	*	*	*	*	*	*
3/12/2021	*	*	*	*	*	*	*	*	*	*
3/13/2021	*	*	*	*	*	*	*	*	*	*
3/14/2021	*	*	*	*	*	*	*	*	*	*
3/15/2021	*	*	*	*	*	*	*	*	*	*
3/16/2021	*	*	*	*	*	*	*	*	*	*
3/17/2021	*	*	*	*	*	*	*	*	*	*
3/18/2021	*	*	*	*	*	*	*	*	*	*
3/19/2021	*	*	*	*	*	*	*	*	*	*
3/20/2021	*	*	*	*	*	*	*	*	*	*
3/21/2021	*	*	*	*	*	*	*	*	*	*
3/22/2021	*	*	*	*	*	*	*	*	*	*
3/23/2021	*	*	*	*	*	*	*	*	*	*
3/24/2021	*	*	*	*	*	*	*	*	*	*
3/25/2021	*	*	*	*	*	*	*	*	*	*
3/26/2021	*	*	*	*	*	*	*	*	*	*
3/27/2021	*	*	*	*	*	*	*	*	*	*
3/28/2021	*	*	*	*	*	*	*	*	*	*
3/29/2021	*	*	*	*	*	*	*	*	*	*
3/30/2021	*	*	*	*	*	*	*	*	*	*
3/31/2021	*	*	*	*	*	*	*	*	*	*
Sum	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%



Equivalent Continuous Sound Level  
MP04 NMTVAR004

March 2021

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
3/1/2021	58.7	51.5	59.5	54.6	60.3					
3/2/2021	59.5	51.8	60.5	53.7	60.7	30.3		31.5		28.5
3/3/2021	59.7	51.5	59.5	60.4	61.7	39.8		41.1		38.1
3/4/2021	59.7	50.7	60.6	55.1	60.6					
3/5/2021	59.6	50.5	60.6	54.2	60.3	35.1			41.2	38.4
3/6/2021	58.3	50.2	59.3	53.0	59.4	33.4		33.1	34.2	33.8
3/7/2021	56.9	50.4	57.6	53.1	58.8					
3/8/2021	59.1	51.8	59.9	55.1	60.6	34.3		35.6		32.6
3/9/2021	59.7	51.5	60.6	54.5	60.8					
3/10/2021	60.9	56.1	60.4	62.2	64.5					
3/11/2021	58.8	58.5	59.8	52.9	64.7	33.9		35.2		32.2
3/12/2021	59.0	51.6	59.9	53.8	60.4	32.6		33.8		30.8
3/13/2021	58.3	51.0	59.2	54.0	59.8					
3/14/2021	58.3	50.3	59.1	54.3	59.6	27.2		28.5		25.5
3/15/2021	59.6	50.8	60.7	53.7	60.4	36.7		38.0		34.8
3/16/2021	58.8	53.4	59.6	55.0	61.4	37.6		39.0		35.7
3/17/2021	58.6	54.3	*	55.0	*	35.4		*	39.2	*
3/18/2021	58.9	55.6	59.9	53.1	62.5	34.5	32.1	35.7		38.6
3/19/2021	59.3	50.8	60.2	53.5	60.2	37.0		37.3	35.7	36.7
3/20/2021	58.2	51.8	59.0	54.3	60.2					
3/21/2021	*	*	*	*	*	*	*	*	*	*
3/22/2021	*	*	*	*	*	*	*	*	*	*
3/23/2021	*	*	*	*	*	*	*	*	*	*
3/24/2021	*	*	*	*	*	*	*	*	*	*
3/25/2021	*	*	*	*	*	*	*	*	*	*
3/26/2021	*	*	*	*	*	*	*	*	*	*
3/27/2021	*	*	*	*	*	*	*	*	*	*
3/28/2021	*	*	*	*	*	*	*	*	*	*
3/29/2021	*	*	*	*	*	*	*	*	*	*
3/30/2021	*	*	*	*	*	*	*	*	*	*
3/31/2021	*	*	*	*	*	*	*	*	*	*
Sum	59.0	52.8	59.8	55.4	61.2	33.5	19.1	34.1	31.5	33.6

\* Availability < 50%

Tipunoyenne N°3



NMT Statistics  
MIP01 NMTVAR001  
January 2021

	Noise Events		Flights		N1/N3 [%]	N1/N2 [%]	N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]	Aircraft	L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant				[%]	Reason				
1/1/2021	0	0	4	0				0.0	T	*	*		
1/2/2021	0	0	18	3	0.0	0.0		0.0	T	*	*		
1/3/2021	0	0	21	5	0.0	0.0		0.0	T	*	*		
1/4/2021	0	0	15	6	0.0	0.0		0.0	T	*	*		
1/5/2021	0	0	11	1	0.0	0.0		0.0	T	*	*		
1/6/2021	0	0	17	0				0.0	T	*	*		
1/7/2021	0	0	10	3	0.0	0.0		0.0	T	*	*		
1/8/2021	0	0	15	0				0.0	T	*	*		
1/9/2021	0	0	12	1	0.0	0.0		0.0	T	*	*		
1/10/2021	0	0	18	3	0.0	0.0		0.0	T	*	*		
1/11/2021	0	0	13	6	0.0	0.0		0.0	T	*	*		
1/12/2021	0	0	4	1	0.0	0.0		0.0	T	*	*		
1/13/2021	2	1	4	1	100.0	100.0	50.0	43.3	TW	*	*	38.2	72.9
1/14/2021	5	0	0	0			0.0	99.9		51.3		33.1	
1/15/2021	12	2	9	3	66.7	66.7	16.7	99.9		52.1	34.7	32.6	71.4
1/16/2021	2	1	7	1	100.0	100.0	50.0	99.9		47.8	26.7	33.2	66.7
1/17/2021	2	1	6	1	100.0	100.0	50.0	99.9		46.5	30.5	33.5	70.1
1/18/2021	1	1	6	2	50.0	50.0	100.0	77.0	TW	48.3	32.5	33.6	70.1
1/19/2021	4	0	2	0			0.0	87.4	TW	49.3		33.9	
1/20/2021	18	0	2	0			0.0	99.9		51.9		34.9	
1/21/2021	31	1	8	1	100.0	100.0	3.2	99.9		54.4	29.8	34.6	69.6
1/22/2021	30	2	11	3	66.7	66.7	6.7	99.9		54.1	33.4	34.2	70.5
1/23/2021	1	1	5	1	100.0	100.0	100.0	95.7	TW	49.7	30.7	33.2	70.8
1/24/2021	1	0	6	1	0.0	0.0		99.9		48.4		32.1	
1/25/2021	1	1	7	1	100.0	100.0	100.0	85.3	TW	49.7	38.5	32.6	77.0
1/26/2021	6	1	2	1	100.0	100.0	16.7	98.8	T	51.8	33.2	35.3	73.5
1/27/2021	1	1	2	1	100.0	100.0	100.0	24.9	TW	*	*	35.9	72.2
1/28/2021	4	1	10	1	100.0	100.0	25.0	99.9		51.2	30.1	33.3	71.0
1/29/2021	4	0	7	0			0.0	99.9		50.4		33.5	
1/30/2021	3	2	5	2	100.0	100.0	66.7	99.9		48.4	35.8	33.7	72.2
1/31/2021	1	0	6	0			0.0	99.9		49.2		33.0	
Sum	129	16	263	49	32.7	32.7	12.4	55.2	TW	50.8	32.0	32.1	77.0

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

NMT Statistics  
MP02 NMTVAR002

January 2021

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason	Total	Ambient	Aircraft		
1/1/2021	0	0	4	0			0.0	T	*	*	*		
1/2/2021	0	0	18	3	0.0		0.0	T	*	*	*		
1/3/2021	0	0	21	5	0.0		0.0	T	*	*	*		
1/4/2021	0	0	15	6	0.0		0.0	T	*	*	*		
1/5/2021	0	0	11	1	0.0		0.0	T	*	*	*		
1/6/2021	0	0	17	0			0.0	T	*	*	*		
1/7/2021	0	0	10	3	0.0		0.0	T	*	*	*		
1/8/2021	0	0	15	0			0.0	T	*	*	*		
1/9/2021	0	0	12	1	0.0		0.0	T	*	*	*		
1/10/2021	0	0	18	3	0.0		0.0	T	*	*	*		
1/11/2021	0	0	13	6	0.0		0.0	T	*	*	*		
1/12/2021	0	0	4	1	0.0		0.0	T	*	*	*		
1/13/2021	0	0	4	1	0.0		0.0	T	*	*	*		
1/14/2021	0	0	0	0			0.0	T	*	*	*		
1/15/2021	0	0	9	3	0.0		0.0	T	*	*	*		
1/16/2021	0	0	7	1	0.0		0.0	T	*	*	*		
1/17/2021	0	0	6	1	0.0		0.0	T	*	*	*		
1/18/2021	0	0	6	2	0.0		0.0	T	*	*	*		
1/19/2021	0	0	2	0			0.0	T	*	*	*		
1/20/2021	0	0	2	0			0.0	T	*	*	*		
1/21/2021	0	0	8	1	0.0		0.0	T	*	*	*		
1/22/2021	0	0	11	3	0.0		0.0	T	*	*	*		
1/23/2021	0	0	5	1	0.0		0.0	T	*	*	*		
1/24/2021	0	0	6	1	0.0		0.0	T	*	*	*		
1/25/2021	0	0	7	1	0.0		0.0	T	*	*	*		
1/26/2021	0	0	2	1	0.0		0.0	T	*	*	*		
1/27/2021	0	0	2	1	0.0		0.0	T	*	*	*		
1/28/2021	0	0	10	1	0.0		0.0	T	*	*	*		
1/29/2021	0	0	7	0			0.0	T	*	*	*		
1/30/2021	0	0	5	2	0.0		0.0	T	*	*	*		
1/31/2021	0	0	6	0			0.0	T	*	*	*		
Sum	0	0	263	49	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 NMTVAR003  
 January 2021

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		Leq [dB(A)]		L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason	Total	Aircraft		
1/1/2021	0	0	4	0			0.0	T	*	*	*	*
1/2/2021	0	0	18	3	0.0		0.0	T	*	*	*	*
1/3/2021	0	0	21	5	0.0		0.0	T	*	*	*	*
1/4/2021	0	0	15	6	0.0		0.0	T	*	*	*	*
1/5/2021	0	0	11	1	0.0		0.0	T	*	*	*	*
1/6/2021	0	0	17	0	0.0		0.0	T	*	*	*	*
1/7/2021	0	0	10	3	0.0		0.0	T	*	*	*	*
1/8/2021	0	0	15	0	0.0		0.0	T	*	*	*	*
1/9/2021	0	0	12	1	0.0		0.0	T	*	*	*	*
1/10/2021	0	0	18	3	0.0		0.0	T	*	*	*	*
1/11/2021	0	0	13	6	0.0		0.0	T	*	*	*	*
1/12/2021	0	0	4	1	0.0		0.0	T	*	*	*	*
1/13/2021	0	0	4	1	0.0		0.0	T	*	*	*	*
1/14/2021	0	0	0	0	0.0		0.0	T	*	*	*	*
1/15/2021	0	0	9	3	0.0		0.0	T	*	*	*	*
1/16/2021	0	0	7	1	0.0		0.0	T	*	*	*	*
1/17/2021	0	0	6	1	0.0		0.0	T	*	*	*	*
1/18/2021	0	0	6	2	0.0		0.0	T	*	*	*	*
1/19/2021	0	0	2	0	0.0		0.0	T	*	*	*	*
1/20/2021	0	0	2	0	0.0		0.0	T	*	*	*	*
1/21/2021	0	0	8	1	0.0		0.0	T	*	*	*	*
1/22/2021	0	0	11	3	0.0		0.0	T	*	*	*	*
1/23/2021	0	0	5	1	0.0		0.0	T	*	*	*	*
1/24/2021	0	0	6	1	0.0		0.0	T	*	*	*	*
1/25/2021	0	0	7	1	0.0		0.0	T	*	*	*	*
1/26/2021	0	0	2	1	0.0		0.0	T	*	*	*	*
1/27/2021	0	0	2	1	0.0		0.0	T	*	*	*	*
1/28/2021	0	0	10	1	0.0		0.0	T	*	*	*	*
1/29/2021	0	0	7	0	0.0		0.0	T	*	*	*	*
1/30/2021	0	0	5	2	0.0		0.0	T	*	*	*	*
1/31/2021	0	0	6	0	0.0		0.0	T	*	*	*	*
Sum	0	0	263	49	0.0		0.0	T	*	*	*	*

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

NMT Statistics  
MP04 NMTVAR004

January 2021



	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability [%]	Reason	L <sub>eq</sub> [dB(A)]			L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant					Total	Ambient	Aircraft		
1/1/2021	0	0	4	0	0.0		0.0	T	*	*	*		
1/2/2021	0	0	18	3	0.0		0.0	T	*	*	*		
1/3/2021	0	0	21	5	0.0		0.0	T	*	*	*		
1/4/2021	0	0	15	6	0.0		0.0	T	*	*	*		
1/5/2021	0	0	11	1	0.0		0.0	T	*	*	*		
1/6/2021	0	0	17	0	0.0		0.0	T	*	*	*		
1/7/2021	0	0	10	3	0.0		0.0	T	*	*	*		
1/8/2021	0	0	15	0	0.0		0.0	T	*	*	*		
1/9/2021	0	0	12	1	0.0		0.0	T	*	*	*		
1/10/2021	0	0	18	3	0.0		0.0	T	*	*	*		
1/11/2021	0	0	13	6	0.0		0.0	T	*	*	*		
1/12/2021	0	0	4	1	0.0		0.0	T	*	*	*		
1/13/2021	109	1	4	1	100.0	0.9	37.5	TW	*	*	*	43.9	70.5
1/14/2021	115	0	0	0		0.0	99.9		57.5	57.5		41.6	
1/15/2021	118	3	9	3	100.0	2.5	99.9		57.6	57.6	35.3	40.4	69.1
1/16/2021	34	1	7	1	100.0	2.9	99.9		56.2	56.2	26.7	40.6	65.6
1/17/2021	34	1	6	1	100.0	2.9	99.9		54.1	54.1	25.3	39.9	65.2
1/18/2021	27	1	6	2	50.0	3.7	77.0	TW	55.0	55.0	31.4	40.4	68.8
1/19/2021	37	0	2	0		0.0	87.4	TW	55.6	55.6		41.5	
1/20/2021	84	0	2	0		0.0	99.9		57.1	57.1		41.8	
1/21/2021	116	1	8	1	100.0	0.9	99.9		57.9	57.9	31.0	40.6	65.6
1/22/2021	118	2	11	3	66.7	1.7	99.9		57.9	57.9	31.4	39.9	67.0
1/23/2021	72	1	5	1	100.0	1.4	95.7	TW	57.1	57.1	28.3	40.5	65.3
1/24/2021	20	0	6	1	0.0		99.9		55.1	55.1		41.2	
1/25/2021	57	0	7	1	0.0		85.3	TW	56.7	56.7		40.5	
1/26/2021	116	1	2	1	100.0	0.9	99.9		58.2	58.2	29.1	39.7	67.8
1/27/2021	65	1	2	1	100.0	1.5	24.9	TW	*	*	*	43.3	78.6
1/28/2021	97	1	10	1	100.0	1.0	99.9		57.2	57.2	31.1	40.8	66.0
1/29/2021	82	0	7	0		0.0	99.9		56.9	56.9		41.5	
1/30/2021	19	2	5	2	100.0	10.5	99.9		55.2	55.1	34.5	40.5	70.3
1/31/2021	56	0	6	0		0.0	99.9		55.7	55.7		40.9	
Sum	1376	16	263	49	32.7	1.2	55.1	TW	56.8	56.8	31.4	39.7	78.6

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



NMT Statistics  
 MP01 NMTVAR001  
 February 2021

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]		L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			Reason	Total	Ambient	Aircraft		
2/1/2021	4	2	7	2	100.0	50.0	99.9	50.3	49.8	41.1	33.8	78.7
2/2/2021	21	0	1	0		0.0	99.9	52.4	52.4		31.4	
2/3/2021	0	0	3	0			99.9	48.9	48.9		28.3	
2/4/2021	8	1	7	1	100.0	12.5	81.2	52.4	52.4	28.7	34.2	67.9
2/5/2021	53	4	13	4	100.0	7.5	99.9	55.7	55.6	41.2	32.2	77.3
2/6/2021	2	0	6	0		0.0	99.9	50.0	50.0		30.2	
2/7/2021	3	2	5	2	100.0	66.7	99.9	48.4	48.1	37.8	29.3	74.8
2/8/2021	15	0	6	0		0.0	91.6	52.8	52.8		30.0	
2/9/2021	21	0	4	0		0.0	97.8	54.3	54.3		33.8	
2/10/2021	18	1	5	1	100.0	5.6	99.9	54.3	54.3	26.4	30.7	66.8
2/11/2021	22	0	6	1		0.0	85.4	55.0	55.0		32.2	
2/12/2021	0	0	8	4		0.0	4.2	*	*	*	37.4	
2/13/2021	2	2	9	3	66.7	100.0	83.2	46.0	45.7	34.3	32.6	69.8
2/14/2021	2	0	11	1		0.0	99.9	47.4	47.4		31.9	
2/15/2021	7	1	6	1	100.0	14.3	89.5	50.7	50.6	34.0	33.4	72.1
2/16/2021	4	0	6	0		0.0	93.6	50.0	50.0		33.7	
2/17/2021	3	1	7	1	100.0	33.3	99.9	51.0	51.0	30.6	33.3	68.6
2/18/2021	6	0	8	0		0.0	99.9	50.0	50.0		32.3	
2/19/2021	8	1	11	1	100.0	12.5	99.9	51.0	50.9	35.7	31.5	73.7
2/20/2021	3	1	10	1	100.0	33.3	99.9	49.7	49.1	40.4	31.9	81.3
2/21/2021	0	0	9	0			0.0	*	*	*		
2/22/2021	0	0	10	0			0.0	*	*	*		
2/23/2021	16	1	6	1	100.0	6.3	99.7	54.1	54.1	31.7	30.7	70.0
2/24/2021	46	0	8	0		0.0	99.9	55.1	55.1		30.6	
2/25/2021	22	1	5	1	100.0	4.5	99.9	53.9	53.8	37.2	31.3	76.6
2/26/2021	0	0	13	2		0.0	0.0	*	*	*		
2/27/2021	1	0	5	0		0.0	91.4	51.8	51.8		34.8	
2/28/2021	4	2	8	2	100.0	50.0	95.7	49.7	49.5	35.7	31.1	73.4
Sum	291	20	203	29	69.0	6.9	82.6	52.2	52.1	34.4	28.3	81.3

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



NMT Statistics  
MP02 NMTVAR002  
February 2021

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			Reason	Total	Ambient	Aircraft			
2/1/2021	0	0	7	2	0.0		T	*	*	*			
2/2/2021	0	0	1	0			T	*	*	*			
2/3/2021	0	0	3	0			T	*	*	*			
2/4/2021	0	0	7	1	0.0		T	*	*	*			
2/5/2021	0	0	13	4	0.0		T	*	*	*			
2/6/2021	0	0	6	0			T	*	*	*			
2/7/2021	0	0	5	2	0.0		T	*	*	*			
2/8/2021	0	0	6	0			T	*	*	*			
2/9/2021	0	0	4	0			T	*	*	*			
2/10/2021	0	0	5	1	0.0		T	*	*	*			
2/11/2021	0	0	6	1	0.0		T	*	*	*			
2/12/2021	0	0	8	4	0.0		T	*	*	*			
2/13/2021	0	0	9	3	0.0		T	*	*	*			
2/14/2021	0	0	11	1	0.0		T	*	*	*			
2/15/2021	0	0	6	1	0.0		T	*	*	*			
2/16/2021	0	0	6	0			T	*	*	*			
2/17/2021	0	0	7	1	0.0		T	*	*	*			
2/18/2021	0	0	8	0			T	*	*	*			
2/19/2021	0	0	11	1	0.0		T	*	*	*			
2/20/2021	0	0	10	1	0.0		T	*	*	*			
2/21/2021	0	0	9	0			T	*	*	*			
2/22/2021	0	0	10	0			T	*	*	*			
2/23/2021	0	0	6	1	0.0		T	*	*	*			
2/24/2021	0	0	8	0			T	*	*	*			
2/25/2021	0	0	5	1	0.0		T	*	*	*			
2/26/2021	0	0	13	2	0.0		T	*	*	*			
2/27/2021	0	0	5	0			T	*	*	*			
2/28/2021	0	0	8	2	0.0		T	*	*	*			
Summ	0	0	203	29	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 NMTVAR003

February 2021

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]		L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason	Total	Ambient		
2/1/2021	0	0	7	2	0.0		0.0	T	*	*	*	*
2/2/2021	0	0	1	0	0.0		0.0	T	*	*	*	*
2/3/2021	0	0	3	0	0.0		0.0	T	*	*	*	*
2/4/2021	0	0	7	1	0.0		0.0	T	*	*	*	*
2/5/2021	0	0	13	4	0.0		0.0	T	*	*	*	*
2/6/2021	0	0	6	0	0.0		0.0	T	*	*	*	*
2/7/2021	0	0	5	2	0.0		0.0	T	*	*	*	*
2/8/2021	0	0	6	0	0.0		0.0	T	*	*	*	*
2/9/2021	0	0	4	0	0.0		0.0	T	*	*	*	*
2/10/2021	0	0	5	1	0.0		0.0	T	*	*	*	*
2/11/2021	0	0	6	1	0.0		0.0	T	*	*	*	*
2/12/2021	0	0	8	4	0.0		0.0	T	*	*	*	*
2/13/2021	0	0	9	3	0.0		0.0	T	*	*	*	*
2/14/2021	0	0	11	1	0.0		0.0	T	*	*	*	*
2/15/2021	0	0	6	1	0.0		0.0	T	*	*	*	*
2/16/2021	0	0	6	0	0.0		0.0	T	*	*	*	*
2/17/2021	0	0	7	1	0.0		0.0	T	*	*	*	*
2/18/2021	0	0	8	0	0.0		0.0	T	*	*	*	*
2/19/2021	0	0	11	1	0.0		0.0	T	*	*	*	*
2/20/2021	0	0	10	1	0.0		0.0	T	*	*	*	*
2/21/2021	0	0	9	0	0.0		0.0	T	*	*	*	*
2/22/2021	0	0	10	0	0.0		0.0	T	*	*	*	*
2/23/2021	0	0	6	1	0.0		0.0	T	*	*	*	*
2/24/2021	0	0	8	0	0.0		0.0	T	*	*	*	*
2/25/2021	0	0	5	1	0.0		0.0	T	*	*	*	*
2/26/2021	0	0	13	2	0.0		0.0	T	*	*	*	*
2/27/2021	0	0	5	0	0.0		0.0	T	*	*	*	*
2/28/2021	0	0	8	2	0.0		0.0	T	*	*	*	*
Sum	0	0	203	29	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  
 MPO4 NMTVAR004  
 February 2021

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason	Total	Ambient	Aircraft		
2/1/2021	58	2	7	2	100.0	3.4	99.9	56.7	56.7	34.7	40.6	70.5	
2/2/2021	146	0	1	0		0.0	99.9	58.0	58.0		39.3		
2/3/2021	63	0	3	0		0.0	99.9	56.4	56.4		36.9		
2/4/2021	79	1	7	1	100.0	1.3	81.2	57.9	57.9	27.4	40.3	64.0	
2/5/2021	131	3	13	4	75.0	2.3	99.9	58.7	58.7	35.1	39.2	68.7	
2/6/2021	74	0	6	0		0.0	99.9	57.0	57.0		38.6		
2/7/2021	49	0	5	2	0.0	0.0	99.9	56.1	56.1		37.2		
2/8/2021	128	0	6	0		0.0	91.6	58.5	58.5		37.1		
2/9/2021	149	0	4	0		0.0	97.8	58.9	58.9		39.0		
2/10/2021	157	1	5	1	100.0	0.6	99.9	58.6	58.6	25.5	37.2	64.3	
2/11/2021	101	0	6	1	0.0	0.0	85.4	59.2	59.2		38.1		
2/12/2021	5	0	8	4	0.0	0.0	4.2	*	*	*	45.2		
2/13/2021	56	2	9	3	66.7	3.6	83.2	54.7	54.7	31.6	39.5	66.5	
2/14/2021	5	0	11	1	0.0	0.0	99.9	53.7	53.7		39.7		
2/15/2021	60	1	6	1	100.0	1.7	89.5	56.7	56.7	27.8	40.8	68.3	
2/16/2021	108	0	6	0		0.0	93.6	57.4	57.4		40.6		
2/17/2021	43	0	7	1	0.0	0.0	99.9	56.5	56.5		40.7		
2/18/2021	68	0	8	0		0.0	99.9	57.0	57.0		41.3		
2/19/2021	101	1	11	1	100.0	1.0	99.9	57.7	57.7	28.3	40.1	66.9	
2/20/2021	61	1	10	1	100.0	1.6	99.9	56.7	56.7	24.7	40.0	64.2	
2/21/2021	55	0	9	0		0.0	99.9	56.3	56.3		39.0		
2/22/2021	168	0	10	0		0.0	99.9	58.7	58.7		41.0		
2/23/2021	163	0	6	1	0.0	0.0	99.9	58.6	58.6		40.3		
2/24/2021	105	0	8	0		0.0	99.9	58.1	58.1		39.1		
2/25/2021	130	1	5	1	100.0	0.8	99.9	58.8	58.8	27.3	39.5	65.5	
2/26/2021	160	2	13	2	100.0	1.3	99.9	58.8	58.8	33.5	40.5	73.6	
2/27/2021	128	0	5	0		0.0	91.6	58.1	58.1		40.8		
2/28/2021	82	2	8	2	100.0	2.4	95.7	56.6	56.6	32.7	38.9	67.8	
Sum	2633	17	203	29	58.6	0.6	93.3	57.6	57.6	27.4	36.9	73.6	

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



NMT Statistics  
 MP01 NMTVAR001  
 March 2021

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]		L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason	Total	Ambient		
3/1/2021	5	1	12	1	100.0	20.0	99.9	50.4	50.4	29.8	33.5	70.0
3/2/2021	18	0	11	2	0.0	0.0	99.9	52.9	52.9		31.4	
3/3/2021	5	3	6	4	75.0	60.0	99.9	51.6	51.1	42.4	32.2	77.4
3/4/2021	15	0	8	0		0.0	99.9	53.1	53.1		31.0	
3/5/2021	7	2	12	2	100.0	28.6	99.9	53.4	53.4	36.0	32.8	74.6
3/6/2021	3	2	7	2	100.0	66.7	99.9	51.4	51.2	37.9	31.2	76.8
3/7/2021	1	0	14	1	0.0	0.0	99.9	49.6	49.6		32.8	
3/8/2021	10	1	8	1	100.0	10.0	99.9	53.4	53.3	39.1	32.3	80.0
3/9/2021	24	0	5	0		0.0	99.9	53.5	53.5		33.3	
3/10/2021	5	1	4	3	33.3	20.0	70.7	52.1	51.9	39.7	32.7	77.3
3/11/2021	9	1	6	1	100.0	11.1	99.9	51.6	51.5	37.0	34.6	75.4
3/12/2021	20	2	18	2	100.0	10.0	99.9	52.3	52.2	34.6	32.1	71.4
3/13/2021	1	0	7	0		0.0	99.9	49.7	49.7		34.2	
3/14/2021	6	3	11	3	100.0	50.0	99.9	50.7	50.4	39.7	33.9	75.5
3/15/2021	24	2	10	2	100.0	8.3	95.7	53.7	53.5	41.5	32.9	78.0
3/16/2021	3	3	5	3	100.0	100.0	93.6	50.0	49.8	37.2	29.4	72.4
3/17/2021	5	1	3	1	100.0	20.0	72.8	48.8	48.6	35.9	32.9	74.1
3/18/2021	4	2	7	3	66.7	50.0	99.9	50.4	50.3	33.4	32.5	70.8
3/19/2021	32	5	17	5	100.0	15.6	99.9	53.1	52.9	39.9	30.8	76.0
3/20/2021	1	0	5	0		0.0	99.9	49.4	49.4		33.4	
3/21/2021	10	6	18	6	100.0	60.0	99.9	50.6	49.6	43.8	31.8	77.5
3/22/2021	4	1	8	1	100.0	25.0	70.7	50.3	49.9	39.4	34.0	76.9
3/23/2021	0	0	5	0			93.6	50.5	50.5		34.4	
3/24/2021	0	0	3	0			93.6	49.1	49.1		33.4	
3/25/2021	2	1	6	1	100.0	50.0	97.8	49.1	49.0	32.9	32.2	71.8
3/26/2021	6	6	14	6	100.0	100.0	97.8	50.1	49.7	39.1	32.5	75.6
3/27/2021	3	2	16	4	50.0	66.7	99.9	51.0	50.8	37.8	33.9	76.3
3/28/2021	5	4	11	4	100.0	80.0	99.9	51.1	50.6	41.3	34.8	78.5
3/29/2021	8	4	12	4	100.0	50.0	91.7	49.9	49.5	39.3	30.8	74.6
3/30/2021	2	1	12	2	50.0	50.0	85.3	50.7	50.4	38.0	33.2	76.1
3/31/2021	6	3	10	3	100.0	50.0	99.9	51.9	51.7	39.2	30.7	77.2
Sum	244	57	291	67	85.1	23.4	95.5	51.4	51.2	37.7	29.4	80.0

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



NMT Statistics  
 MPO2 NMTVAR002  
 March 2021

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability [%]	Reason	L <sub>eq</sub> [dB(A)]			L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant					Total	Ambient	Aircraft		
3/1/2021	0	0	12	1	0.0		0.0	T	*	*	*		
3/2/2021	0	0	11	2	0.0		0.0	T	*	*	*		
3/3/2021	0	0	6	4	0.0		0.0	T	*	*	*		
3/4/2021	0	0	8	0			0.0	T	*	*	*		
3/5/2021	0	0	12	2	0.0		0.0	T	*	*	*		
3/6/2021	0	0	7	2	0.0		0.0	T	*	*	*		
3/7/2021	0	0	14	1	0.0		0.0	T	*	*	*		
3/8/2021	0	0	8	1	0.0		0.0	T	*	*	*		
3/9/2021	0	0	5	0			0.0	T	*	*	*		
3/10/2021	0	0	4	3	0.0		0.0	T	*	*	*		
3/11/2021	0	0	6	1	0.0		0.0	T	*	*	*		
3/12/2021	0	0	18	2	0.0		0.0	T	*	*	*		
3/13/2021	0	0	7	0			0.0	T	*	*	*		
3/14/2021	0	0	11	3	0.0		0.0	T	*	*	*		
3/15/2021	0	0	10	2	0.0		0.0	T	*	*	*		
3/16/2021	0	0	5	3	0.0		0.0	T	*	*	*		
3/17/2021	0	0	3	1	0.0		0.0	T	*	*	*		
3/18/2021	0	0	7	3	0.0		0.0	T	*	*	*		
3/19/2021	0	0	17	5	0.0		0.0	T	*	*	*		
3/20/2021	0	0	5	0			0.0	T	*	*	*		
3/21/2021	0	0	18	6	0.0		0.0	T	*	*	*		
3/22/2021	0	0	8	1	0.0		0.0	T	*	*	*		
3/23/2021	0	0	5	0			0.0	T	*	*	*		
3/24/2021	0	0	3	0			0.0	T	*	*	*		
3/25/2021	0	0	6	1	0.0		0.0	T	*	*	*		
3/26/2021	0	0	14	6	0.0		0.0	T	*	*	*		
3/27/2021	0	0	16	4	0.0		0.0	T	*	*	*		
3/28/2021	0	0	11	4	0.0		0.0	T	*	*	*		
3/29/2021	0	0	12	4	0.0		0.0	T	*	*	*		
3/30/2021	0	0	12	2	0.0		0.0	T	*	*	*		
3/31/2021	0	0	10	3	0.0		0.0	T	*	*	*		
Sum	0	0	291	67	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  
 MIP03 NMTVAR003

March 2021

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]	L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason			
3/1/2021	0	0	12	1	0.0		0.0	T	*	*	*
3/2/2021	0	0	11	2	0.0		0.0	T	*	*	*
3/3/2021	0	0	6	4	0.0		0.0	T	*	*	*
3/4/2021	0	0	8	0	0.0		0.0	T	*	*	*
3/5/2021	0	0	12	2	0.0		0.0	T	*	*	*
3/6/2021	0	0	7	2	0.0		0.0	T	*	*	*
3/7/2021	0	0	14	1	0.0		0.0	T	*	*	*
3/8/2021	0	0	8	1	0.0		0.0	T	*	*	*
3/9/2021	0	0	5	0	0.0		0.0	T	*	*	*
3/10/2021	0	0	4	3	0.0		0.0	T	*	*	*
3/11/2021	0	0	6	1	0.0		0.0	T	*	*	*
3/12/2021	0	0	18	2	0.0		0.0	T	*	*	*
3/13/2021	0	0	7	0	0.0		0.0	T	*	*	*
3/14/2021	0	0	11	3	0.0		0.0	T	*	*	*
3/15/2021	0	0	10	2	0.0		0.0	T	*	*	*
3/16/2021	0	0	5	3	0.0		0.0	T	*	*	*
3/17/2021	0	0	3	1	0.0		0.0	T	*	*	*
3/18/2021	0	0	7	3	0.0		0.0	T	*	*	*
3/19/2021	0	0	17	5	0.0		0.0	T	*	*	*
3/20/2021	0	0	5	0	0.0		0.0	T	*	*	*
3/21/2021	0	0	18	6	0.0		0.0	T	*	*	*
3/22/2021	0	0	8	1	0.0		0.0	T	*	*	*
3/23/2021	0	0	5	0	0.0		0.0	T	*	*	*
3/24/2021	0	0	3	0	0.0		0.0	T	*	*	*
3/25/2021	0	0	6	1	0.0		0.0	T	*	*	*
3/26/2021	0	0	14	6	0.0		0.0	T	*	*	*
3/27/2021	0	0	16	4	0.0		0.0	T	*	*	*
3/28/2021	0	0	11	4	0.0		0.0	T	*	*	*
3/29/2021	0	0	12	4	0.0		0.0	T	*	*	*
3/30/2021	0	0	12	2	0.0		0.0	T	*	*	*
3/31/2021	0	0	10	3	0.0		0.0	T	*	*	*
Sum	0	0	291	67	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  
 MPO4 NMTVAR004  
 March 2021

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability [%]	Reason	L <sub>eq</sub> [dB(A)]			L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant					Total	Ambient	Aircraft		
3/1/2021	77	1	12	1	100.0	1.3	99.9	57.3	57.3	28.5	40.6	65.4	
3/2/2021	104	0	11	2	0.0	0.0	99.9	58.1	58.1		38.9		
3/3/2021	95	3	6	4	75.0	3.2	99.9	58.3	58.3	38.1	41.4	73.5	
3/4/2021	110	0	8	0		0.0	99.9	58.2	58.2		38.9		
3/5/2021	147	1	12	2	50.0	0.7	99.9	58.1	58.1	33.4	39.9	70.8	
3/6/2021	80	2	7	2	100.0	2.5	99.9	56.9	56.9	31.7	39.7	66.9	
3/7/2021	42	0	14	1	0.0	0.0	99.9	55.6	55.6		40.5		
3/8/2021	105	1	8	1	100.0	1.0	99.9	57.7	57.7	32.6	40.1	71.6	
3/9/2021	138	0	5	0		0.0	99.9	58.2	58.2		39.8		
3/10/2021	233	0	4	3	0.0	0.0	70.7	59.6	59.6		40.2		
3/11/2021	191	1	6	1	100.0	0.5	99.9	58.7	58.7	32.2	42.3	71.7	
3/12/2021	118	1	18	2	50.0	0.8	99.9	57.6	57.6	30.8	40.3	66.9	
3/13/2021	80	0	7	0		0.0	99.9	57.0	57.0		41.3		
3/14/2021	82	1	11	3	33.3	1.2	99.9	56.9	56.9	25.5	40.4	64.1	
3/15/2021	120	1	10	2	50.0	0.8	95.7	58.1	58.1	34.8	39.9	72.8	
3/16/2021	111	3	5	3	100.0	2.7	93.6	57.5	57.5	35.7	38.2	69.4	
3/17/2021	62	1	3	1	100.0	1.6	72.8	57.1	57.1	32.8	40.3	69.8	
3/18/2021	104	3	7	3	100.0	2.9	99.9	58.1	58.0	33.8	40.2	65.8	
3/19/2021	121	3	17	5	60.0	2.5	99.9	57.8	57.8	35.2	39.0	66.3	
3/20/2021	76	0	5	0		0.0	99.9	56.9	56.9		40.7		
3/21/2021	0	0	18	6	0.0		0.0	T	*	*	*		
3/22/2021	0	0	8	1	0.0		0.0	T	*	*	*		
3/23/2021	0	0	5	0			0.0	T	*	*	*		
3/24/2021	0	0	3	0			0.0	T	*	*	*		
3/25/2021	0	0	6	1	0.0		0.0	T	*	*	*		
3/26/2021	0	0	14	6	0.0		0.0	T	*	*	*		
3/27/2021	0	0	16	4	0.0		0.0	T	*	*	*		
3/28/2021	0	0	11	4	0.0		0.0	T	*	*	*		
3/29/2021	0	0	12	4	0.0		0.0	T	*	*	*		
3/30/2021	0	0	12	2	0.0		0.0	T	*	*	*		
3/31/2021	0	0	10	3	0.0		0.0	T	*	*	*		
Sum	2196	22	291	67	32.8	1.0	62.4	TW	57.7	57.7	31.8	38.2	73.5

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







Друво мрежне 15-5



Reference Level Exceedances  
February 2021

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



15:6

Tipu noye rue



Varna Airport

Reference Level Exceedances  
March 2021

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