



Daily Report 81/2020

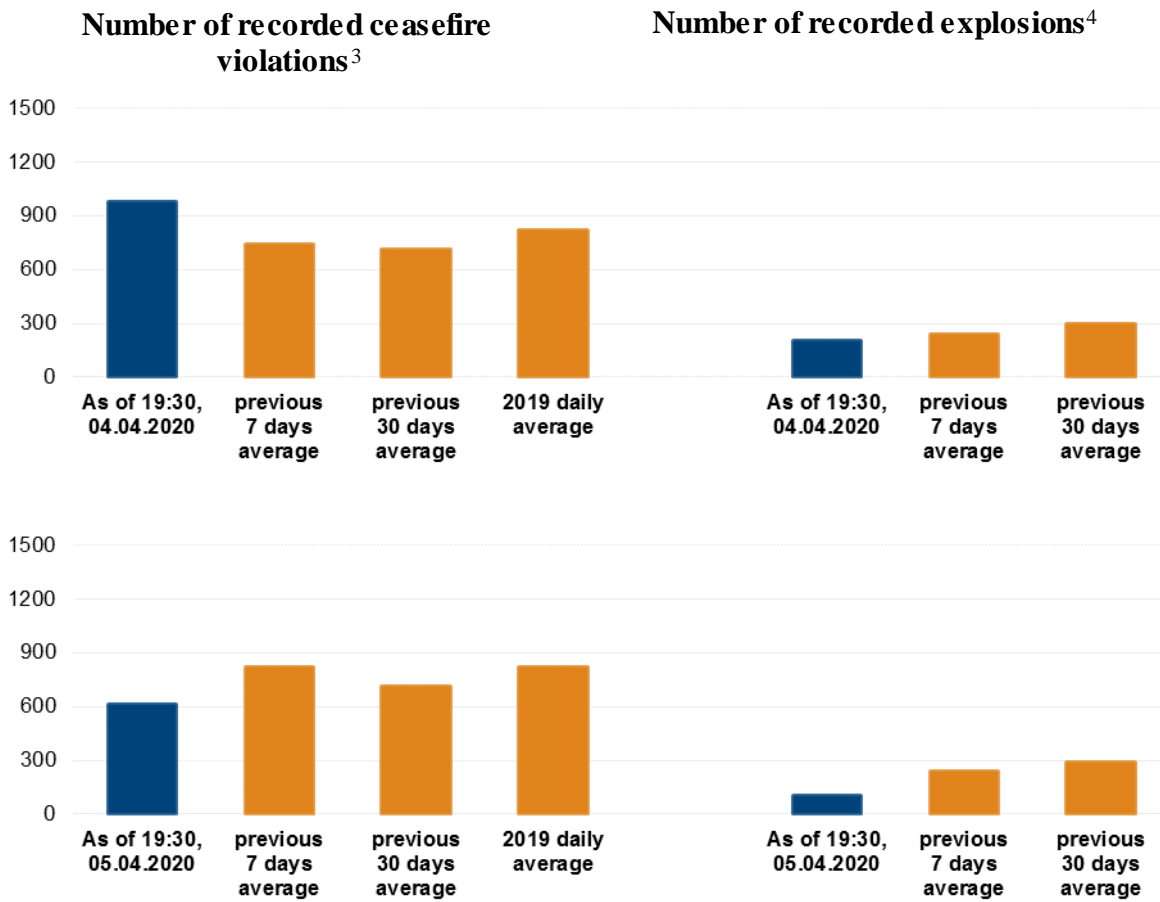
6 April 2020¹

Summary

- Compared with the previous reporting period, between the evenings of 3 and 4 April, the SMM recorded more ceasefire violations in Donetsk region and fewer in Luhansk region.
- Between the evenings of 4 and 5 April, the Mission recorded fewer ceasefire violations in both Donetsk and Luhansk regions, compared with the previous 24 hours.
- Small-arms and heavy-machine-gun fire were assessed as directed at SMM mini-unmanned aerial vehicles flying over areas near Taramchuk and Berezove in Donetsk region, and Holubivske in Luhansk region.
- A woman sustained shrapnel injuries in Verkhnotoretske.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske, and spotted a person walking inside the disengagement area near Zolote.
- The Mission saw weapons in violation of withdrawal lines in non-government-controlled areas of Donetsk region.
- The SMM monitored and facilitated adherence to localized ceasefires to enable maintenance of railway tracks near government-controlled Vilkhove, as well as demining activities in non-government-controlled Krasnyi Yar.
- The Mission again saw that two entry-exit checkpoints and their corresponding checkpoints in both Donetsk and Luhansk regions remained closed amid the COVID-19 outbreak.
- The SMM's freedom of movement continued to be restricted in both Donetsk and Luhansk region.

¹ Based on information from the Monitoring Teams as of 19:30, 5 April 2020. All times are in Eastern European Summer Time.

Ceasefire violations²



² For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM cameras at the Oktiabr mine were not operational.

³ Including explosions.

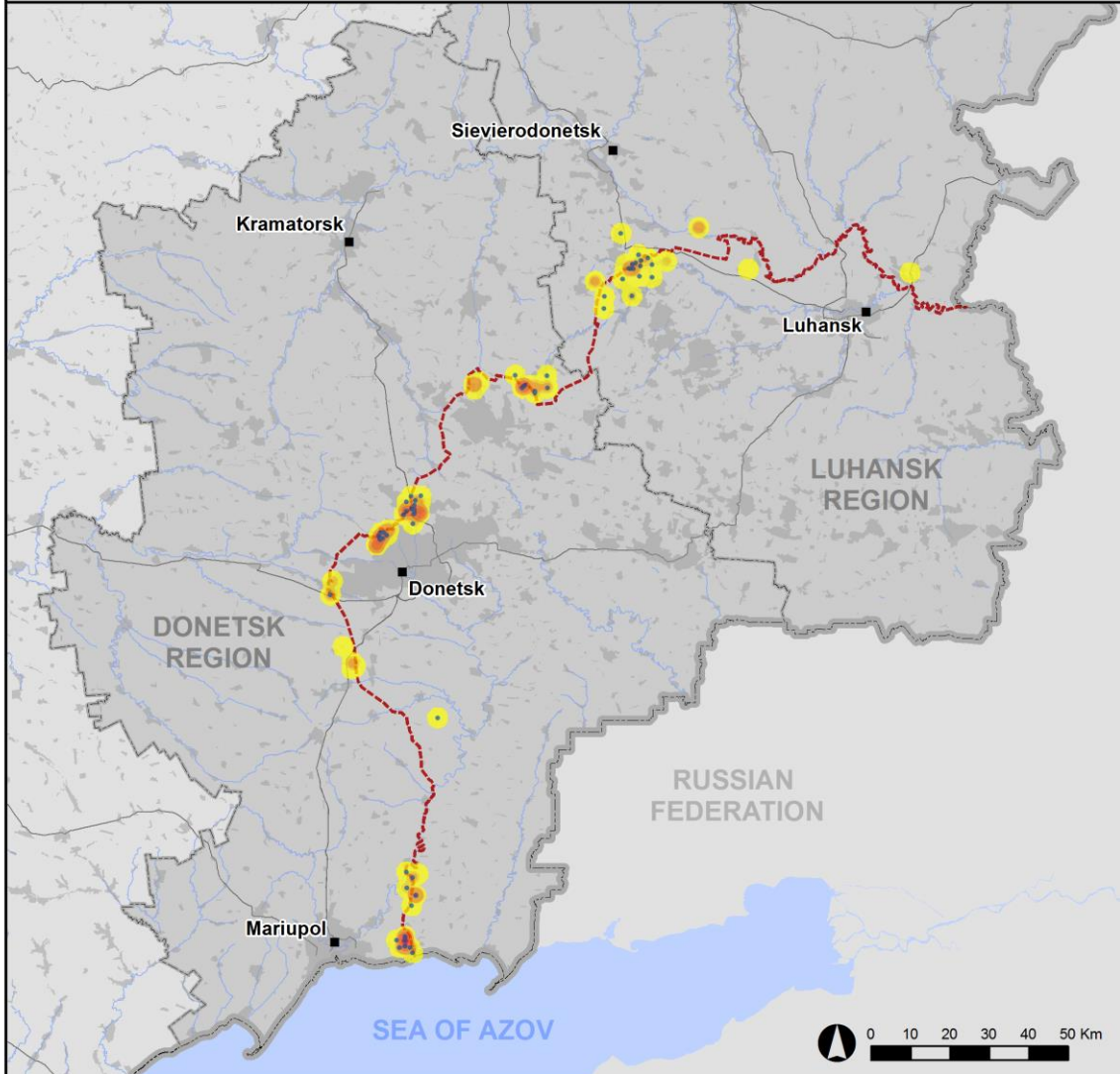
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

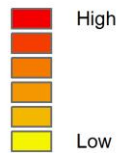


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 4-5 April 2020



Ceasefire violation concentration



- Explosion
- Settlement
- Estimated line of contact

Sources: Administrative Boundaries - OCHA; Roads, Rivers - OpenStreetMap; Sea - VLIZ (2005). IHO Sea Areas; Other - OSCE.

Coordinate System: WGS 1984 UTM Zone 37N

This map is provided for illustrative purposes only. Its content is not warranted to be error-free and does not imply endorsement or acceptance by the OSCE SMM.

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Created: 06/04/2020

In Donetsk region, between the evenings of 3 and 4 April, the SMM recorded more ceasefire violations, including more explosions (about 120), compared with the [previous reporting period](#) (60 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded at westerly and northerly directions of non-government-controlled Donetsk city, at northerly directions of Shyrokyne (government-controlled, 100km south of Donetsk), at easterly directions of Avdiivka (government-controlled, 17km north of Donetsk) and at southerly and westerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk).

Between the evenings of 4 and 5 April, the Mission recorded fewer ceasefire violations, including fewer explosions (about 65), compared with the previous 24 hours. The majority of ceasefire violations were recorded at southerly directions of Svitlodarsk, at northerly directions of Shyrokyne and in areas north-west of Donetsk city.

In Luhansk region, between the evenings of 3 and 4 April, the SMM recorded fewer ceasefire violations, including fewer explosions (about 90), compared with the [previous reporting period](#) (about 160 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded at northerly, southerly and westerly directions of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below).

Between the evenings of 4 and 5 April, the Mission recorded fewer ceasefire violations, including fewer explosions (about 20), compared with the previous 24 hours. The majority of ceasefire violations, including the majority of explosions, were recorded at easterly directions of the disengagement area near Zolote (see below).

Small-arms and heavy-machine-gun fire assessed as directed at three SMM mini-unmanned aerial vehicles

On 5 April, while positioned about 1km north-east of Berezove (government-controlled, 31km south-west of Donetsk) to conduct a mini-unmanned aerial vehicle (UAV) flight over areas near Taramchuk (government-controlled, 29km south-west of Donetsk), the SMM heard six bursts of small-arms and heavy machine-gun fire at an assessed distance of about 3km north-north-west of its position, assessed as directed at the UAV, which was flying 3km north-north-west of the patrol's position. The Mission landed its UAV safely.*

While positioned at the same location to conduct another mini-UAV flight over areas near Berezove, the SMM heard 18 bursts of small-arms fire at an assessed distance of about 2km south-east of its position, assessed as directed at the UAV, which was flying about 2km south-east of the patrol's position. The Mission landed its UAV safely and left the area.*

While positioned in Holubivske (non-government-controlled, 51km west of Luhansk) to conduct a mini-UAV flight over areas near Holubivske, the SMM heard ten shots of small-arms fire at an assessed range of 1-2km north-north-east of its position, assessed as directed at the UAV, which was flying about 1km north-north-east of the patrol's position. The Mission landed its UAV safely and left the area.*

Woman sustained shrapnel wounds in Verkhnotoretske

On 5 April, medical personnel at a hospital in Toretsk (formerly Dzerzhynsk, government-controlled, 43km north of Donetsk) told the SMM by phone that on the evening of 4 April, a woman (aged 68) with shrapnel wounds in one of her legs had been brought in from Verkhnotoretske (government-controlled, 23km north-east of Donetsk). On 5 April, the

woman told the SMM by phone that on the afternoon of 4 April, she had been in the yard of her house in Verkhnotoetske when she heard shooting and explosions nearby. She added that shortly thereafter, she had felt pain in her lower left leg.

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

On 4 April, the SMM saw police and representatives of the State Emergency Service of Ukraine carrying out demining activities near the entry-exit checkpoint (EECP) in Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk), about 1km north of Stanytsia Luhanska bridge (15km north-east of Luhansk), reportedly to remove remnants of ammunition from World War II.

On 5 April, positioned inside the **disengagement area near Stanytsia Luhanska**, the SMM heard three shots of small-arms fire at an assessed range of 3-5km north-north-east, assessed as outside the disengagement area but within 5km of its periphery. On 5 April, inside the disengagement area, the Mission saw two members of the armed formations (wearing armbands with "JCCC" written on them) between the new span of the Stanytsia Luhanska bridge and their checkpoint south of it.

In the early morning hours of 3 April, inside the **disengagement area near Zolote**, an SMM long-range UAV spotted a person heading south along a track near the area's northern edge, close to a former position of the Ukrainian Armed Forces. On 4 and 5 April, the SMM saw members of the armed formations (wearing armbands with "JCCC" written on them) near the southern edge of the disengagement area.

On the evening of 3 April, the SMM camera in Zolote recorded five undetermined explosions. Between the night of 4 April and morning of 5 April, the camera recorded five projectiles in flight at an assessed range of 1-5km east and east-south-east (all assessed as outside the disengagement area but within 5km of its periphery). On 4 April, while positioned at six locations near the disengagement area near Zolote, the SMM heard 74 undetermined explosions and 21 bursts of heavy-machine-gun and automatic grenade launcher fire. On 5 April, while positioned at three locations near the disengagement area, the Mission heard 13 explosions. All these ceasefire violations were assessed as outside the disengagement area but within 5km of its periphery.

On 4 April, while positioned about 2km north-north-east of the **disengagement area near Petrivske** (non-government controlled, 41km south of Donetsk) the SMM heard an undetermined explosion at an assessed range of 4-6km east of its position, assessed as outside the disengagement area. On the same day, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over the disengagement area.* On 5 April, while positioned near the disengagement area, the Mission noted a calm situation.

Withdrawal of weapons

The SMM continued to monitor the withdrawal of weapons in implementation of the Memorandum and the Package of Measures and its Addendum.

⁵ Disengagement is foreseen in the Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware of 21 September 2016.

The Mission saw a surface-to-air missile system and eight tanks in non-government-controlled areas of Donetsk region, in violation of their respective withdrawal lines (for further details, see the tables below).

Indications of military and military-type presence inside the security zone⁶

The SMM observed military and military-type presence in the security zone on both sides of the contact line, including within residential areas (for further details, see the table below).

SMM facilitation of operation and maintenance of critical civilian infrastructure and demining activities

On 4 and 5 April, the SMM facilitated and monitored adherence to localized ceasefires to enable vegetation clearance and the inspection and maintenance of railway tracks near Vilkhove (government-controlled, 22km north-east of Luhansk), and, on 4 April, to enable demining activities in Krasnyi Yar (non-government-controlled, 12km north-east of Luhansk). On 4 April, while positioned near the disengagement area near Stanytsia Luhanska, the SMM heard an undetermined explosion at an assessed range of 5-7km north-west of its position, assessed as a controlled detonation related to demining in Krasnyi Yar.

On 4 and 5 April, the Mission continued to facilitate the operation of the Donetsk Filtration Station (DFS). On 4 April, while positioned near the DFS, and during the transit of a bus transporting *Voda Donbassa* employees to the DFS, the SMM heard about 200 shots and bursts of small-arms and heavy machine-gun fire and about ten undetermined explosions. On 5 April, while positioned near the DFS, the SMM heard an undetermined explosion and five shots and bursts of small-arms and heavy-machine-gun fire. All of these ceasefire violations were assessed as within a 3km radius of the DFS.

Measures at entry-exit checkpoints and corresponding checkpoints to counter COVID-19 outbreak

In Donetsk region on 5 April, the SMM noted that the EECP near Novotroitske (government-controlled, 36km south-west of Donetsk) remained closed. On 4 and 5 April, it noted that the corresponding checkpoint of the armed formations near Olenivka (non-government-controlled, 23km south-west of Donetsk) remained closed.

In Luhansk region on 4 and 5 April, the SMM saw that the EECP in Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the Stanytsia Luhanska bridge remained closed. On 4 April, the Mission saw 31 people (mixed ages and genders) at the EECP, reportedly waiting to travel towards non-government-controlled areas, and on 5 April it saw 14 people (mixed ages and genders) waiting to travel towards non-government-controlled areas.

On 3 April, a woman told the SMM by phone that she and her husband had been unable to pass through the EECP in Stanytsia Luhanska to attend her father's funeral in a non-government-controlled area. Another woman told the Mission by phone that she had been unable to pass through the same EECP to see her ill husband in a non-government-controlled area.

⁶ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

On 4 April, on road P-66, at a checkpoint on the southern edge of Lysychansk (government-controlled, 75km north-west of Luhansk), two police officers stopped an SMM vehicle and disinfected its tires for about two minutes.

The Mission continued monitoring in Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Dnipro, Chernivtsi and Kyiv.

***Restrictions of the SMM's freedom of movement or other impediments to fulfilment of its mandate**

The SMM's monitoring and freedom of movement are restricted by security hazards and threats, including risks posed by mines and unexploded ordnance (UXO) and other impediments – which vary from day to day. The SMM's mandate provides for safe and secure access throughout Ukraine. All signatories of the Package of Measures have agreed on the need for this safe and secure access, that restriction of the SMM's freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the Joint Centre for Control and Co-ordination (JCCC) should contribute to such response and co-ordinate mine clearance. Nonetheless, the armed formations in parts of Donetsk and Luhansk regions frequently deny the SMM access to areas adjacent to Ukraine's border outside control of the Government (for example see [SMM Daily Report 28 March 2020](#)). The SMM's operations in Donetsk and Luhansk regions remain restricted following [the fatal incident of 23 April 2017 near Pryshyb](#); these restrictions continued to limit the Mission's observations.

Regular restrictions related to disengagement areas and mines/UXO:

- The sides continued to deny the SMM full access, as well as the ability to travel certain roads previously identified as important for effective monitoring by the Mission and for civilians' movement, through failure to conduct comprehensive clearance of mines, UXO and other obstacles.

Other impediments:

- On 4 April, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over the disengagement area near Petrivske (non-government controlled, 41km south of Donetsk).⁷
- On the same day, on two occasions, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Oktiabr mine (non-government controlled, 9km north-west of Donetsk).⁸
- On 5 April, while conducting a mini-UAV flight near Taramchuk (government-controlled, 29km south-west of Donetsk), the SMM heard six bursts of small-arms and heavy machine-gun fire assessed as directed at its UAV (see above).
- On the same day, while conducting a mini-UAV flight near Berezove (government-controlled, 31km south-west of Donetsk), the SMM heard 18 bursts of small-arms fire assessed as directed at its UAV (see above).
- On the same day, while conducting a mini-UAV flight near Holubivske (non-government-controlled, 51km west of Luhansk), the SMM heard ten shots of small-arms fire assessed as directed at its UAV (see above).

⁷ The interference could have originated from anywhere within the radius of kilometres from the UAVs' positions.

⁸ Ibid

Table of weapons

Weapons in violation of the withdrawal lines

Date	No.	Type	Location	Source of observation
Non-government-controlled areas				
03/04/2020	1	Surface-to-air missile system (9K33 <i>Osa</i>)	Near Korsun (31km north-east of Donetsk)	Long-range UAV
	8	Tank (T-64)	In a training area near Novoselivka (37km north-east of Donetsk)	

Table of military and military-type presence in the security zone⁹

Date	No.	Type	Location	Source of observation
Government-controlled areas				
03/04/2020	1	Armoured combat vehicle	Near Avdiivka (17km north of Donetsk)	Long-range UAV
	1	Armoured combat vehicle	Near Zoloti Pisky (12km north-west of Donetsk)	
	2	Armoured combat vehicle	Near Nevelske (18km north-west of Donetsk)	
	3	Armoured combat vehicle	Near Krasnohorivka (21km west of Donetsk)	
	1	Probable infantry fighting vehicle (BMP-1)	Near Berezove (31km south-west of Donetsk)	
	1	Probable infantry fighting vehicle (BMP variant)	Near Bohdanivka (41km south-west of Donetsk)	
	4	Infantry fighting vehicle (BMP variant)	Near a residential area of Troitske (69km west of Luhansk)	
	6	Armoured combat vehicle	Near Vozdvyzhenka (66km north-east of Donetsk)	
	1	Armoured combat vehicle	Near Novoselivka (31km north of Donetsk)	
04/04/2020	1	Armoured personnel carrier (BTR-60)	Near Pavlopil (84km south of Donetsk)	Patrol
	1	Armoured reconnaissance vehicle (BRDM-2)		
Non-government-controlled areas				
03/04/2020	4	Armoured combat vehicle	Near Hrechchyne (48km south of Donetsk)	Long-range UAV

⁹ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

Table of ceasefire violations as of 5 April 2020¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km ESE	Recorded	2	Explosion	Undetermined	N/K	3-Apr, 20:07
	2-4km SE	Recorded	2	Projectile	In vertical flight	N/K	3-Apr, 20:11
	2-4km ESE	Recorded	Uncountable	Projectile	NNE to SSW	N/K	3-Apr, 20:11
	2-4km ESE	Recorded	1	Projectile	NNE to SSW	N/K	3-Apr, 20:12
	2-4km ESE	Recorded	1	Projectile	In vertical flight	N/K	3-Apr, 20:12
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	3-Apr, 20:16
	2-4km SE	Recorded	8	Projectile	NNE to SSW	N/K	3-Apr, 20:26
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Apr, 20:26
	2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	3-Apr, 20:28
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Apr, 20:28
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Apr, 20:29
	2-4km ESE	Recorded	2	Muzzle flash		N/K	3-Apr, 20:29
	2-4km ESE	Recorded	12	Projectile	S to N	N/K	3-Apr, 20:29
	2-4km ESE	Recorded	1	Projectile	In vertical flight	N/K	3-Apr, 20:29
	2-4km ESE	Recorded	1	Projectile	W to E	N/K	3-Apr, 20:30
	2-4km ESE	Recorded	2	Projectile	NW to SE	N/K	3-Apr, 20:31
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Apr, 20:31
	2-4km ESE	Recorded	4	Muzzle flash		N/K	3-Apr, 20:31
	2-4km ESE	Recorded	3	Projectile	N to S	N/K	3-Apr, 20:32
	2-4km ESE	Recorded	1	Projectile	NW to SE	N/K	3-Apr, 20:35
	2-4km ESE	Recorded	1	Muzzle flash		N/K	3-Apr, 20:35
	2-4km ESE	Recorded	4	Projectile	NNE to SSW	N/K	3-Apr, 20:35
	2-4km ESE	Recorded	11	Projectile	NNE to SSW	N/K	3-Apr, 20:42
	2-4km ESE	Recorded	7	Projectile	NNE to SSW	N/K	3-Apr, 20:43
	2-4km ESE	Recorded	2	Explosion	Undetermined	N/K	3-Apr, 20:45
	2-4km ESE	Recorded	1	Projectile	WSW to ENE	N/K	3-Apr, 20:48
	2-4km ESE	Recorded	3	Projectile	NNE to SSW	N/K	3-Apr, 20:48
	2-4km ESE	Recorded	3	Projectile	NNE to SSW	N/K	3-Apr, 20:51
	2-4km ESE	Recorded	4	Projectile	NNE to SSW	N/K	3-Apr, 20:54
	2-4km ESE	Recorded	4	Projectile	NNE to SSW	N/K	3-Apr, 21:00
	2-4km ESE	Recorded	2	Projectile	NW to SE	N/K	3-Apr, 21:00
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Apr, 21:01
	2-4km ESE	Recorded	5	Projectile	NW to SE	N/K	3-Apr, 21:03
2-4km E	Recorded	4	Projectile	NNW to SSE	N/K	3-Apr, 21:07	
2-4km ESE	Recorded	2	Projectile	NNE to SSW	N/K	3-Apr, 21:10	
2-4km ESE	Recorded	4	Projectile	NNE to SSW	N/K	3-Apr, 21:11	
2-4km ESE	Recorded	2	Explosion	Undetermined	N/K	3-Apr, 21:16	
2-4km ESE	Recorded	2	Projectile	NNE to SSW	N/K	3-Apr, 21:20	
2-4km ESE	Recorded	3	Projectile	NNW to SSE	N/K	3-Apr, 21:56	
2-4km E	Recorded	2	Projectile	NNE to SSW	N/K	3-Apr, 21:58	
2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	3-Apr, 22:37	
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	3-Apr, 20:16
SMM camera at Donetsk Filtration	1-3km SSW	Recorded	3	Projectile	In vertical flight	N/K	3-Apr, 20:11
	1-3km SSW	Recorded	1	Projectile	W to E	N/K	3-Apr, 20:11

¹⁰ The table only includes ceasefire violations directly observed by the SMM patrols or recorded by the SMM cameras and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground and technical monitoring officers, and are not always necessarily precise. When information is not known (indicated with an “N/K”), the SMM was unable to ascertain such information due to distance, weather conditions technical limitations and/or other considerations. Ceasefire violations recorded by more than one patrol/camera and assessed to be the same are entered only once.

Station (15km N of Donetsk)							
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	4-5km ENE	Recorded	1	Projectile	N to S	N/K	3-Apr, 21:20
	4-5km ENE	Recorded	2	Projectile	N to S	N/K	3-Apr, 21:21
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	5-7km N	Recorded	1	Explosion	Undetermined	N/K	3-Apr, 19:39
	4-6km N	Recorded	11	Projectile	E to W	N/K	3-Apr, 20:19
	4-6km N	Recorded	10	Projectile	E to W	N/K	3-Apr, 20:20
	4-6km N	Recorded	1	Projectile	E to W	N/K	3-Apr, 20:21
	4-6km N	Recorded	4	Projectile	E to W	N/K	3-Apr, 20:22
	4-6km N	Recorded	1	Projectile	E to W	N/K	3-Apr, 20:23
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Apr, 20:23
	4-6km N	Recorded	16	Projectile	E to W	N/K	3-Apr, 20:24
	4-6km N	Recorded	20	Projectile	E to W	N/K	3-Apr, 20:25
	4-6km N	Recorded	5	Projectile	E to W	N/K	3-Apr, 20:27
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	3-Apr, 20:28
	4-6km N	Recorded	7	Projectile	E to W	N/K	3-Apr, 20:30
	4-6km N	Recorded	1	Projectile	In vertical flight	N/K	3-Apr, 20:32
	4-6km N	Recorded	8	Projectile	E to W	N/K	3-Apr, 20:32
	4-6km N	Recorded	11	Projectile	E to W	N/K	3-Apr, 20:33
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Apr, 20:33
	4-6km N	Recorded	2	Projectile	In vertical flight	N/K	3-Apr, 20:33
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Apr, 20:34
	4-6km N	Recorded	5	Projectile	E to W	N/K	3-Apr, 20:36
	4-6km N	Recorded	6	Projectile	E to W	N/K	3-Apr, 20:37
	4-6km N	Recorded	2	Projectile	E to W	N/K	3-Apr, 20:39
	4-6km N	Recorded	1	Projectile	E to W	N/K	3-Apr, 20:40
	4-6km N	Recorded	15	Projectile	E to W	N/K	3-Apr, 20:44
	4-6km N	Recorded	2	Projectile	E to W	N/K	3-Apr, 20:45
	4-6km N	Recorded	11	Projectile	E to W	N/K	3-Apr, 20:56
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	3-Apr, 20:57
	4-6km N	Recorded	3	Projectile	E to W	N/K	3-Apr, 20:57
	4-6km N	Recorded	1	Projectile	E to W	N/K	3-Apr, 20:58
	4-6km N	Recorded	10	Projectile	E to W	N/K	3-Apr, 20:59
	4-6km N	Recorded	2	Projectile	E to W	N/K	3-Apr, 21:46
	4-6km N	Recorded	6	Projectile	E to W	N/K	3-Apr, 21:47
	4-6km N	Recorded	1	Projectile	E to W	N/K	3-Apr, 22:34
	4-6km N	Recorded	1	Explosion	Impact (subsequent to the previous event)	N/K	3-Apr, 22:34
5-7km N	Recorded	1	Projectile	E to W	N/K	3-Apr, 23:13	
5-7km N	Recorded	2	Explosion		N/K	3-Apr, 23:27	
5-7km N	Recorded	2	Projectile	E to W	N/K	3-Apr, 23:45	
5-7km N	Recorded	9	Projectile	E to W	N/K	3-Apr, 23:46	
5-7km N	Recorded	4	Projectile	E to W	N/K	3-Apr, 23:47	
5-7km N	Recorded	3	Muzzle flash		N/K	3-Apr, 23:47	
5-7km N	Recorded	2	Projectile	E to W	N/K	3-Apr, 23:53	
5-7km N	Recorded	11	Projectile	E to W	N/K	3-Apr, 23:54	
5-7km N	Recorded	3	Projectile	NE to SW	N/K	3-Apr, 23:54	
5-7km N	Recorded	22	Projectile	E to W	N/K	3-Apr, 23:55	
5-7km N	Recorded	2	Projectile	NNE to SSW	N/K	3-Apr, 23:55	
5-7km N	Recorded	23	Projectile	E to W	N/K	3-Apr, 23:57	
About 1km NW of the railway station in Yasynuvata	3-5km SSW	Heard	8	Burst	Within 5km periphery of DFS	HMG	4-Apr, 09:14

(non-government-controlled, 16km NE of Donetsk)	3-5km SSW	Heard	1	Burst	Within 5km periphery of DFS	HMG	4-Apr, 09:21
	2-3km SSW	Heard	2	Burst	Within 5km periphery of DFS	HMG	4-Apr, 09:22
	4-6km SSW	Heard	4	Explosion	Undetermined	N/K	4-Apr, 09:24-09:30
	2-4km SSW	Heard	2	Burst	Within 5km periphery of DFS	HMG	4-Apr, 09:42
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km SW	Heard	8	Shot	Within 5km periphery of DFS	Small arms	4-Apr, 10:50
	2-4km NW	Heard	8	Burst	Within 5km periphery of DFS	HMG	4-Apr, 10:52-10:55
	4-5km NW	Heard	1	Explosion	Undetermined (within 5km periphery of DFS)	N/K	4-Apr, 10:58
	1-2km SW	Heard	4	Shot	Within 5km periphery of DFS	Small arms	4-Apr, 11:03
	2-4km W	Heard	1	Explosion	Undetermined (within 5km periphery of DFS)	N/K	4-Apr, 11:07
	2-4km NW	Heard	1	Burst	Within 5km periphery of DFS	HMG	4-Apr, 11:08
	2-4km NW	Heard	1	Explosion	Undetermined (within 5km periphery of DFS)	N/K	4-Apr, 11:10
	2-3km W	Heard	4	Explosion	Undetermined (within 5km periphery of DFS)	N/K	4-Apr, 11:23-11:33
	2-3km WNW	Heard	1	Explosion	Undetermined (within 5km periphery of DFS)	N/K	4-Apr, 11:34
	1-2km SW	Heard	69	Shot	Within 5km periphery of DFS	Small arms	4-Apr, 11:40-11:49
	2-3km W	Heard	2	Explosion	Undetermined (within 5km periphery of DFS)	N/K	4-Apr, 11:50-11:53
	1-2km SW	Heard	20	Shot	Within 5km periphery of DFS	Small arms	4-Apr, 11:51
	1-2km SW	Heard	52	Shot	Within 5km periphery of DFS	Small arms	4-Apr, 12:09
	2-3km NW	Heard	3	Burst	Within 5km periphery of DFS	HMG	4-Apr, 12:19
	1-2km NW	Heard	10	Shot	Within 5km periphery of DFS	Small arms	4-Apr, 12:20
	1-2km SW	Heard	10	Shot	Within 5km periphery of DFS	Small arms	4-Apr, 12:20

	2-3km WSW	Heard	1	Explosion	Undetermined (within 5km periphery of DFS)	N/K	4-Apr, 12:23
	2-3km NW	Heard	1	Burst	Within 5km periphery of DFS	HMG	4-Apr, 12:26
	2-3km NW	Heard	5	Burst	Within 5km periphery of DFS	HMG	4-Apr, 12:29
About 2.5 km SW of Vesele (non-government-controlled, 9km NW of Donetsk)	1-2km NNW	Heard	1	Explosion	Undetermined	N/K	4-Apr, 10:48
	1-2km NNW	Heard	2	Explosion	Undetermined	N/K	4-Apr, 11:00
	1-2km W	Heard	95	Shot		Small arms	4-Apr, 11:05-11:20
	1-2km W	Heard	10	Shot		Small arms	4-Apr, 11:20
	1-2km NNW	Heard	1	Explosion	Undetermined	N/K	4-Apr, 11:24
	1-2km NNW	Heard	1	Explosion	Undetermined	N/K	4-Apr, 11:26
	2-3km NNW	Heard	4	Explosion	Undetermined	N/K	4-Apr, 11:47
	2-3km NNW	Heard	6	Explosion	Undetermined	N/K	4-Apr, 11:49
	2-3km NNW	Heard	1	Explosion	Undetermined	N/K	4-Apr, 11:53
About 1km WSW Vesele (non-government-controlled, 9km NW of Donetsk)	1-2km W	Heard	7	Shot		Small arms	4-Apr, 11:54
	2km NW	Heard	1	Explosion	Undetermined	N/K	4-Apr, 12:13
	1-2km W	Heard	1	Shot		Small arms	4-Apr, 12:13
	1-2km W	Heard	15	Shot		Small arms	4-Apr, 12:30
	1-2km W	Heard	3	Explosion	Undetermined	N/K	4-Apr, 12:38-12:40
	1-2km W	Heard	32	Burst		HMG	4-Apr, 12:38-12:40
	1-2km W	Heard	4	Shot		Small arms	4-Apr, 12:38-12:40
	1-2km W	Heard	5	Explosion	Undetermined	N/K	4-Apr, 12:43-12:45
	1-2km W	Heard	2	Shot		Small arms	4-Apr, 12:51
	1-2km W	Heard	4	Burst		Small arms	4-Apr, 12:57
	1-2km W	Heard	12	Burst		HMG	4-Apr, 12:57
	1km W	Heard	1	Explosion	Undetermined	N/K	4-Apr, 12:59
	1-2km NNW	Heard	8	Explosion	Undetermined	N/K	4-Apr, 13:01
	1-2km NNW	Heard	32	Shot		Small arms	4-Apr, 13:07-13:09
	1-2km NNW	Heard	4	Burst		HMG	4-Apr, 13:11
1-2km W	Heard	7	Shot		Small arms	4-Apr, 13:13	
1-2km W	Heard	1	Explosion	Undetermined	N/K	4-Apr, 13:20	
1km W	Heard	1	Shot		Small arms	4-Apr, 13:20	
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	4-6km E	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	4-Apr, 12:21
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	3-5km NE	Heard	2	Explosion	Undetermined	N/K	4-Apr, 09:45-09:50
	3-5km NE	Heard	4	Shot		Cannon (30mm)	4-Apr, 09:45-09:50
	3-5km NE	Heard	3	Burst		Small arms	4-Apr, 09:45-09:50
	3-5km NE	Heard	1	Explosion	Impact	N/K	4-Apr, 09:55-10:00

	3-5km NE	Heard	3	Shot		Cannon (30mm)	4-Apr, 09:55-10:00
	4-5km ESE	Heard	1	Explosion	Undetermined	N/K	4-Apr, 10:47
About 3km NW of Pavlopil (government-controlled, 84km S of Donetsk)	2-3km E	Heard	2	Explosion	Undetermined	N/K	4-Apr, 10:00
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km S	Heard	3	Explosion	Undetermined	N/K	3-Apr, 18:48
	3-5km S	Heard	6	Explosion	Undetermined	N/K	3-Apr, 21:21-21:22
	3-5km SW	Heard	20	Burst	Outgoing	IFV (type N/K)	3-Apr, 23:57-00:00
	3-5km SW	Heard	18	Explosion	Undetermined	N/K	3-Apr, 23:57-00:00
S outskirts of Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km W	Heard	1	Explosion	Undetermined	N/K	4-Apr, 17:45
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	4-Apr, 17:46
	3-4km SW	Heard	5	Burst		HMG	4-Apr, 17:46
	3-4km SW	Heard	1	Explosion	Impact	N/K	4-Apr, 18:11
	3-4km SW	Heard	1	Explosion	Outgoing	N/K	4-Apr, 18:12
	3-4km SW	Heard	3	Explosion	Impact	N/K	4-Apr, 18:17
	5-6km	Heard	2	Explosion	Undetermined	N/K	4-Apr, 18:24
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	1	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	3-Apr, 21:28
	3-5km E	Recorded	4	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	3-Apr, 21:31
N edge of Zolote (government-controlled, 60km W of Luhansk)	3-5km SE	Heard	16	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	4-Apr, 09:10-09:40
	3-5km SE	Heard	11	Burst	Assessed as outside the disengagement area	AGL	4-Apr, 09:10-09:40
N edge of the disengagement area near Zolote (government-controlled, 60km W of Luhansk)	5-10km SSE	Heard	10	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	4-Apr, 10:17-11:45
	8-10km N	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	4-Apr, 10:17-11:45
	10-12km SSW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	4-Apr, 10:17-11:45
N edge of Kalynove-Borshchuvate (non-government-controlled, 61km W of Luhansk)	7-10km NE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	4-Apr, 10:17
3km N of Pervomaisk (non-government-	6-8km E	Heard	1	Explosion	Undetermined (assessed as outside the	N/K	4-Apr, 11:23-11:42

controlled, 58km W of Luhansk)					disengagement area)		
	5-7km NE	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	4-Apr, 11:23-11:42
	6-8km SW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	4-Apr, 11:45-12:03
	5-7km NE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	4-Apr, 11:45-12:03
SW edge of Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	5-6km NE	Heard	7	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	4-Apr, 12:12-12:37
Kriakivka (government-controlled, 38km NW of Luhansk)	7-10km W	Heard	28	Shot		Cannon (30mm)	4-Apr, 12:32-12:46
W edge of Smile (non-government-controlled, 31km NW of Luhansk)	3-3.5km E	Heard	2	Burst		Cannon (30mm)	4-Apr, 12:55-12:56
1.5km SW of Berezivske (non-government-controlled, 53km NW of Luhansk)	2-3km NNE	Heard	2	Burst		Cannon (30mm)	4-Apr, 12:59-13:16
	3-4km WNW	Heard	10	Burst		HMG	4-Apr, 12:59-13:16
	3-4km WNW	Heard	28	Explosion	Undetermined		4-Apr, 12:59-13:16
	2-3km NNE	Saw	1	Projectile	Impact	N/K	4-Apr, 12:59-13:16
W edge of Zolote (government-controlled, 60 W of Luhansk)	8-10km E	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)		4-Apr, 13:44-14:00
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	5-7km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	4-Apr, 19:38
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	4-Apr, 22:06
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	4-Apr, 22:07
	4-6km ESE	Recorded	2	Explosion	Undetermined	N/K	4-Apr, 22:16
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	4-Apr, 22:17
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	4-Apr, 22:18
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	4-Apr, 20:22
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	4-Apr, 20:24
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	4-Apr, 20:24
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	4-Apr, 20:25
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	4-Apr, 20:30
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	4-Apr, 20:31
SMM camera in Chermalyk (government-	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	4-Apr, 20:18
	3-5km SE	Recorded	1	Projectile	In vertical flight	N/K	4-Apr, 20:19
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	4-Apr, 20:26

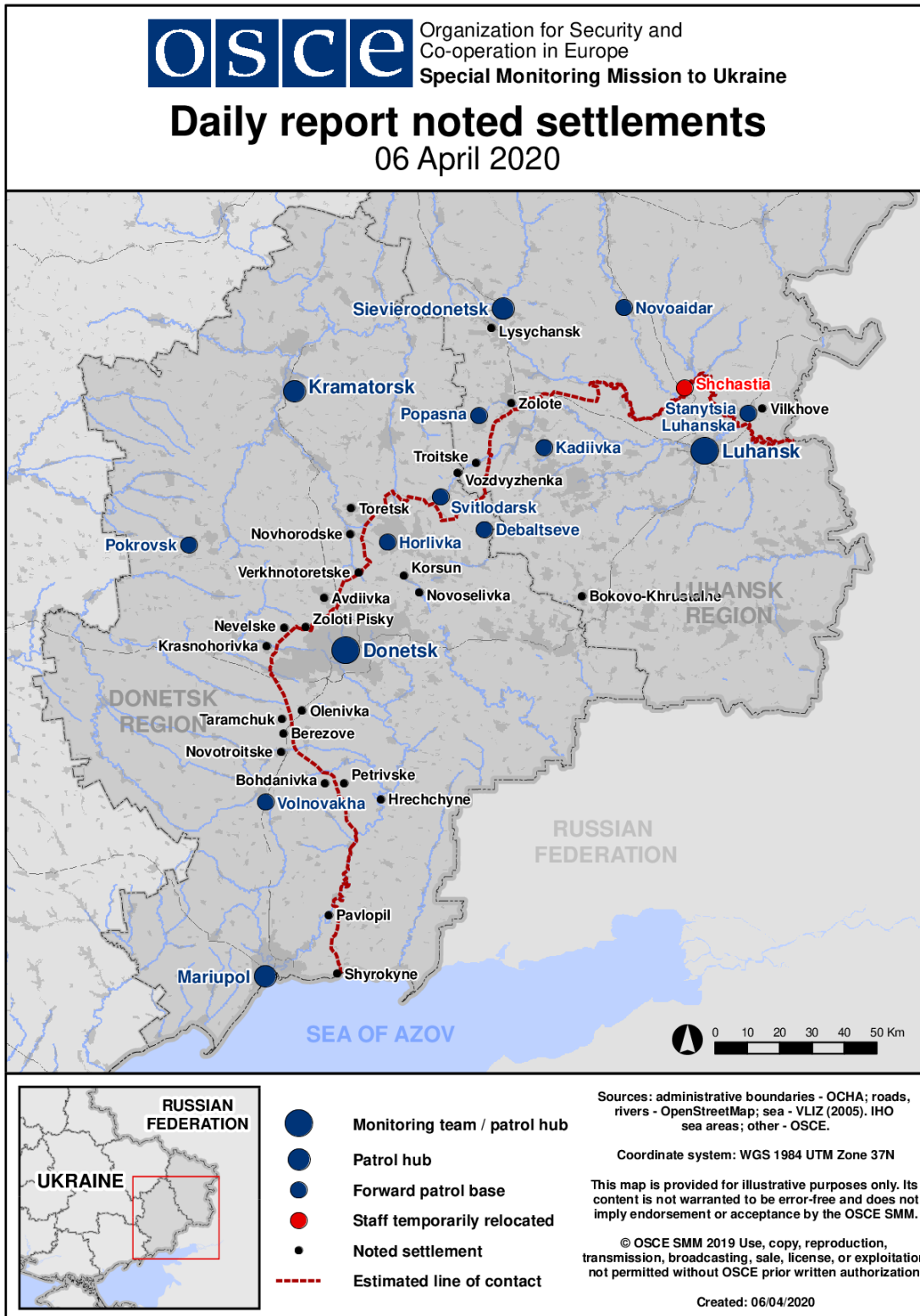
controlled, 77km S of Donetsk)	3-5km SSE	Recorded	6	Projectile	NE to SW	N/K	4-Apr, 20:26
	3-5km SSE	Recorded	5	Projectile	NE to SW	N/K	4-Apr, 20:27
	3-5km SSE	Recorded	2	Projectile	NE to SW	N/K	4-Apr, 20:28
	3-5km SSE	Recorded	2	Projectile	NE to SW	N/K	4-Apr, 20:29
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	4-Apr, 20:56
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	5-Apr, 03:50
	1-2km S	Recorded	8	Projectile	W to E	N/K	5-Apr, 03:52
	1-2km S	Recorded	1	Projectile	N to S	N/K	5-Apr, 03:57
	1-2km SSW	Recorded	7	Projectile	WNW to ESE	N/K	5-Apr, 04:53
	1-2km S	Recorded	2	Projectile	NNW to SSE	N/K	5-Apr, 04:55
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	2-5km ESE	Recorded	11	Projectile	NNW to SSE	N/K	4-Apr, 20:26
	2-5km ESE	Recorded	2	Explosion	Impact	N/K	4-Apr, 20:26
	2-5km ESE	Recorded	Uncountable	Muzzle flash		N/K	4-Apr, 20:27
	2-5km ESE	Recorded	12	Projectile	NNW to SSE	N/K	4-Apr, 20:27
	2-5km ESE	Recorded	6	Muzzle flash		N/K	4-Apr, 20:28
	2-5km ESE	Recorded	8	Muzzle flash		N/K	4-Apr, 20:29
	2-5km ESE	Recorded	7	Muzzle flash		N/K	4-Apr, 20:43
	2-5km ESE	Recorded	5	Projectile	N to S (subsequent to the previous event)	N/K	4-Apr, 20:43
	2-5km ESE	Recorded	1	Explosion	Undetermined	N/K	4-Apr, 20:56
	2-5km ESE	Recorded	1	Projectile	W to E	N/K	4-Apr, 20:56
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	12	Projectile	N to S	N/K	4-Apr, 21:26
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	4-Apr, 21:27
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	4-Apr, 23:38
	2-4km ENE	Recorded	4	Burst	N to S (approximately 8 rounds)	N/K	5-Apr, 00:17
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	5-Apr, 00:57
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	5-Apr, 00:58
	2-4km ENE	Recorded	14	Projectile	N to S	N/K	5-Apr, 00:59
	2-4km ENE	Recorded	13	Projectile	N to S	N/K	5-Apr, 02:43
	2-4km ENE	Recorded	6	Projectile	N to S	N/K	5-Apr, 02:47
	SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	5-7km N	Recorded	1	Projectile	E to W	N/K
5-7km N		Recorded	1	Projectile	E to W	N/K	4-Apr, 20:14
5-7km N		Recorded	1	Muzzle flash		N/K	4-Apr, 20:30
2-5km NNW		Recorded	1	Projectile	W to E	N/K	4-Apr, 20:40
2-5km N		Recorded	1	Projectile	W to E	N/K	4-Apr, 20:42
2-5km N		Recorded	Uncountable	Explosion	Impact	N/K	4-Apr, 20:43
2-5km NNW		Recorded	2	Projectile	W to E	N/K	4-Apr, 20:47
2-5km N		Recorded	1	Explosion	Undetermined	N/K	4-Apr, 20:48
2-5km N		Recorded	1	Explosion	Undetermined	N/K	4-Apr, 20:50
5-7km N		Recorded	1	Projectile	E to W	N/K	4-Apr, 20:51
2-5km NNE		Recorded	1	Illumination flare	In vertical flight	N/K	4-Apr, 21:09
2-5km NNE		Recorded	1	Explosion	Undetermined	N/K	4-Apr, 21:09
2-5km NNE		Recorded	1	Projectile	E to W	N/K	4-Apr, 21:09
2-5km NNE		Recorded	6	Projectile	E to W	N/K	4-Apr, 21:10
2-5km NNW		Recorded	3	Projectile	E to W	N/K	4-Apr, 21:22
2-5km N		Recorded	3	Projectile	E to W	N/K	4-Apr, 21:39
2-5km N		Recorded	2	Muzzle flash		N/K	4-Apr, 21:39
2-5km N		Recorded	5	Projectile	W to E (subsequent to the previous event)	N/K	4-Apr, 21:39
2-5km N		Recorded	2	Explosion	Undetermined	N/K	4-Apr, 22:02
5-7km N		Recorded	3	Projectile	W to E	N/K	4-Apr, 22:04
2-5km N		Recorded	5	Projectile	E to W	N/K	4-Apr, 22:06
2-5km NNW		Recorded	1	Projectile	W to E	N/K	4-Apr, 22:12

	2-5km NNW	Recorded	1	Projectile	W to E	N/K	4-Apr, 22:13
	2-5km NNW	Recorded	1	Projectile	W to E	N/K	4-Apr, 22:14
	2-5km NNW	Recorded	1	Projectile	W to E	N/K	4-Apr, 22:16
	2-5km N	Recorded	1	Projectile	W to E	N/K	4-Apr, 22:17
	2-5km N	Recorded	2	Explosion	Undetermined	N/K	4-Apr, 22:38
	2-5km N	Recorded	2	Projectile	E to W	N/K	4-Apr, 22:38
	2-5km N	Recorded	2	Projectile	ESE to WNW	N/K	4-Apr, 22:38
	2-5km N	Recorded	8	Projectile	E to W	N/K	4-Apr, 22:50
	2-5km N	Recorded	1	Projectile	SW to NE	N/K	4-Apr, 23:48
	2-5km N	Recorded	4	Projectile	E to W	N/K	5-Apr, 01:00
	2-5km N	Recorded	1	Projectile	NNW to SSE	N/K	5-Apr, 02:05
	2-5km NNE	Recorded	2	Projectile	ESE to WNW	N/K	5-Apr, 02:10
	2-5km NNE	Recorded	1	Projectile	E to W	N/K	5-Apr, 02:10
	2-5km N	Recorded	1	Projectile	W to E	N/K	5-Apr, 03:15
	2-5km NNE	Recorded	14	Projectile	W to E	N/K	5-Apr, 03:52
	2-5km NNW	Recorded	1	Explosion	Undetermined	N/K	5-Apr, 04:16
	2-5km NNW	Recorded	1	Explosion	Undetermined	N/K	5-Apr, 04:25
	2-5km N	Recorded	5	Projectile	E to W	N/K	5-Apr, 04:41
	4-7km NNW	Recorded	1	Explosion	Undetermined	N/K	5-Apr, 04:42
	2-5km NNW	Recorded	1	Explosion	Undetermined	N/K	5-Apr, 04:51
	2-5km N	Recorded	1	Projectile	WSW to ENE	N/K	5-Apr, 05:15
	2-5km N	Recorded	1	Projectile	WSW to ENE	N/K	5-Apr, 05:17
	2-5km NNE	Recorded	1	Explosion	Impact, subsequent to the previous event	N/K	5-Apr, 05:17
	2-5km N	Recorded	6	Projectile	WSW to ENE	N/K	5-Apr, 05:20
	2-5km N	Recorded	6	Projectile	WSW to ENE	N/K	5-Apr, 05:21
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km E	Recorded	1	Explosion	Undetermined	N/K	4-Apr, 20:19
About 1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km SW	Heard	4	Burst	Within 5km periphery of DFS	HMG	5-Apr, 09:21
	1-2km N	Heard	1	Shot	Within 5km periphery of DFS	Small arms	5-Apr, 09:30
	2-3km N	Heard	1	Explosion	Within 5km periphery of DFS	N/K	5-Apr, 09:37
About 2km NW of railway station in Donetsk city (non-government-controlled, 6km NW of Donetsk city centre)	2km NW	Heard	10	Shot		HMG	5-Apr, 10:38
	2km NW	Heard	1	Explosion	Undetermined	N/K	5-Apr, 10:41
Railway station in Donetsk city (non-government-controlled, 6km NW of Donetsk city centre)	2-3km NW	Heard	1	Explosion	Undetermined	N/K	5-Apr, 10:55
	2-3km NW	Heard	2	Explosion	Undetermined	N/K	5-Apr, 11:00
	3-4km NNW	Heard	30	Burst		HMG	5-Apr, 11:43-11:46
Trudivski area of Donetsk city's Petrovskiyi district (non-government-controlled, 15km SW of Donetsk city centre)	1-2km NW	Heard	14	Shot		Small arms	5-Apr, 14:07-14:15
Oleksandrivka (non-government-	3km W	Heard	6	Explosion	Undetermined	N/K	5-Apr, 14:45-15:01

controlled, 20km SW of Donetsk)	3km W	Heard	15	Burst		HMG	5-Apr, 14:45-15:01
Berezove (government-controlled, 31km SW of Donetsk)	3km NNW	Heard	5	Burst		Small arms	5-Apr, 11:05
	3km NNW	Heard	1	Burst		HMG	5-Apr, 11:05
	1.7km SE	Heard	18	Burst		Small arms	5-Apr, 11:23-11:26
Berdianske (government-controlled, 102km S of Donetsk)	3-4km ENE	Heard	1	Explosion	Undetermined	N/K	5-Apr, 11:34
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SE	Heard	7	Explosion	Undetermined	N/K	4-Apr, 18:35-18:39
	3-5km SE	Heard	13	Burst		HMG	4-Apr, 18:36-18:40
	4-5km SW	Heard	9	Explosion	Undetermined	N/K	4-Apr, 18:43-18:48
	3-5km SW	Heard	22	Burst		HMG	4-Apr, 18:47-18:51
	3-5km SW	Heard	18	Burst		HMG	4-Apr, 18:52-18:55
	2-3km S	Heard	16	Shot		Small arms	4-Apr, 18:55-18:56
	3-5km SW	Heard	18	Burst		HMG	4-Apr, 18:57-19:00
	4-5km SW	Heard	8	Explosion	Undetermined	N/K	4-Apr, 18:58-19:02
	3-5km SW	Heard	20	Burst		HMG	4-Apr, 19:04-19:08
	4-5km SW	Heard	4	Explosion	Undetermined	N/K	4-Apr, 19:13-19:16
	3-5km SW	Heard	5	Burst		HMG	4-Apr, 19:27
	3-5km SW	Heard	3	Burst		HMG	4-Apr, 19:38
	3-5km S	Heard	6	Burst		HMG	4-Apr, 23:44
4-5km SW	Heard	1	Explosion	Undetermined	N/K	4-Apr, 23:46	
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	2-5km ESE	Recorded	Uncountable	Muzzle flash		N/K	4-Apr, 21:52
	2-5km ESE	Recorded	1	Projectile	In vertical flight	N/K	4-Apr, 21:52
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1.5-3km E	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	4-Apr, 22:26
	1.5-3km ESE	Recorded	1	Projectile	S to N (assessed as outside the disengagement area)	N/K	5-Apr, 04:16
	1.5-3km ESE	Recorded	1	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	5-Apr, 04:16
	1.5-3km ESE	Recorded	1	Projectile	S to N (assessed as outside the disengagement area)	N/K	5-Apr, 04:17
N edge of disengagement area near Zolote (government-controlled, 60km W of Luhansk)	1-3km E	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	5-Apr, 09:38-09:49
	3-5km ENE	Heard	2	Explosion	Undetermined (assessed as	N/K	5-Apr, 09:38-09:49

					outside the disengagement area)		
2km E of Zolote-3/Stakhanovets (government-controlled, 61km W of Luhansk)	3-5km SSE	Heard	6	Explosion	Undetermined (unable to be assessed if inside or outside the disengagement area)	N/K	5-Apr, 10:00-10:01
	3-5km SSE	Heard	1	Explosion	Undetermined (unable to be assessed if inside or outside the disengagement area)	N/K	5-Apr, 13:29
3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	6-8km E	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	5-Apr, 11:20
1.5km SE of Molodizhne (non-government-controlled, 63km W of Luhansk)	6-8km ENE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	5-Apr, 13:03-13:18
	6-8km NNE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	5-Apr, 13:36
NE edge of Orikhove (government-controlled, 57km NW of Luhansk)	2km S	Heard	2	Explosion	Undetermined	N/K	5-Apr, 10:20-10:40
1km SE of Holubivske (non-government-controlled, 51km W of Luhansk)	1km NNE	Heard	10	Shot		Small arms	5-Apr, 11:32
About 1km N of the Stanytsia Luhanska bridge (15km NE of Luhansk)	3-5km NNE	Heard	3	Shot	Assessed as outside the disengagement area	Small arms	5-Apr, 12:50-13:00

Map of Donetsk and Luhansk regions¹¹



¹¹The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: a forward patrol base from which SMM staff has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations. The SMM uses the premises during daylight hours and patrols in this settlement during daylight hours, as well).