

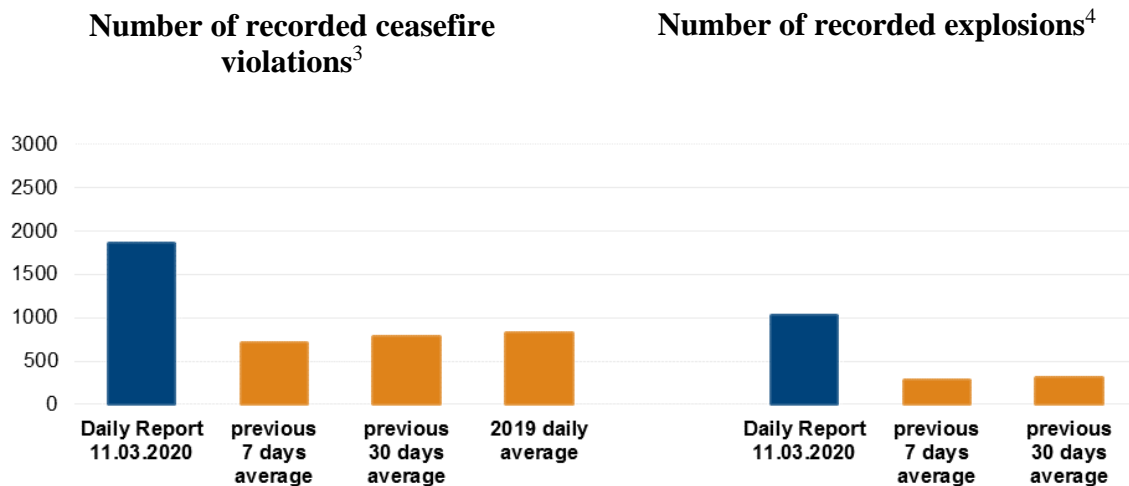
Daily Report 59/2020

11 March 2020¹

Summary

- Compared with the previous reporting period, the SMM recorded more ceasefire violations in Donetsk region and fewer in Luhansk region.
- A man and woman were injured due to the detonation of mines near Mykolaivka in Luhansk region.
- The Mission continued to monitor the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It again saw mines inside the disengagement area near Zolote.
- It saw weapons in violation of withdrawal lines in a non-government-controlled area of Luhansk region.
- The SMM saw anti-tank mines for the first time near Rozsadky.
- The Mission's freedom of movement continued to be restricted, including at checkpoints in and near Staromykhailivka, Donetsk city, Zaichenko, Bezimmenne, and Novoazovsk, all in non-government-controlled areas of Donetsk region.

Ceasefire violations²



¹ Based on information from the Monitoring Teams as of 19:30, 10 March 2020. All times are in Eastern European Time.

² For a complete breakdown of ceasefire violations, please see the annexed table.

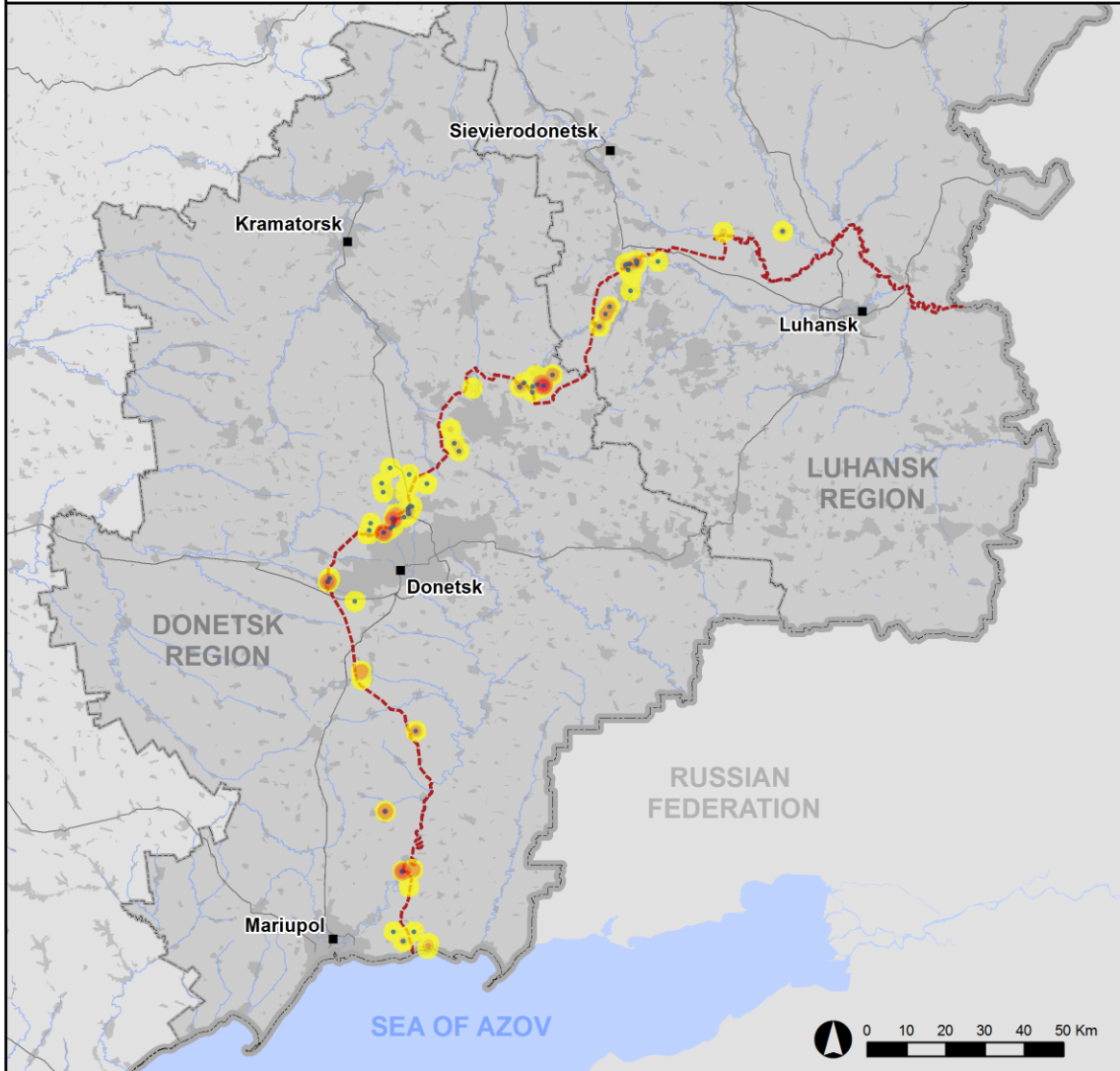
³ Including explosions.

⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

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

Ceasefire violations observed by the SMM 10 March 2020



Ceasefire violation concentration

- High
- Low

- 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: 11/03/2020

In Donetsk region, the SMM recorded more than three times the number of ceasefire violations, including more than four times the number of explosions (about 900), compared with the [previous reporting period](#) (about 200 explosions). Over two-thirds of ceasefire violations, including the majority of explosions, were recorded at southerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk), in areas south-south-west and east-south-east of Avdiivka (government-controlled, 17km north of Donetsk), north-north-east of Pavlopil (government-controlled, 84km south of Donetsk), and in areas north-west of the Donetsk Railway Station (non-government-controlled, 6km north-west of Donetsk city centre).

In Luhansk region, the SMM recorded fewer ceasefire violations, including, however, more explosions (about 130), compared with the [previous reporting period](#) (about 60 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded in areas west of Kadiivka (formerly Stakhanov, non-government-controlled, 50km west of Luhansk); east, north-north-east, and south-south-west of Kalynove-Borshchuvate (non-government-controlled, 61km west of Luhansk); and south-east of Popasna (government-controlled, 69km west of Luhansk).

Man and woman injured due to detonation of mines near Mykolaivka

On 9 March, at a hospital in non-government-controlled Luhansk city, the SMM saw a man (in his fifties) with his right leg amputated above the knee and a woman (in her twenties) with her left leg amputated below the knee. The married couple told the SMM that they lived in Mykolaivka (non-government-controlled, 15km east of Luhansk) and had been walking along the nearby bank of the Siverskyi Donetsk river on 1 March. They said that, although there are mine hazard signs in the area, they had been walking in an area without them when the woman stepped on a mine and heard a clicking sound before it exploded, injuring her left leg. The man said that he had attempted to leave the area to get help, but also stepped on a mine, which exploded and injured his right leg. The couple told the SMM that they had called for help using a mobile phone, but paramedics would not enter the minefield, so members of the armed formations arrived and carried them out. However, while a member of the armed formations was carrying the injured man, the couple saw him step on something and then heard a clicking sound before the object exploded, which injured both the armed formations member carrying the man and other members. On 3 March, medical staff told the SMM that the couple had been admitted on 1 March.

On 3 March, in Mykolaivka, two residents (women in their twenties and forties) separately told the SMM that they had heard three explosions on 1 March and had seen an ambulance arrive in the area. While there, the SMM saw a mine hazard sign within 100m of the house where the injured couple reportedly live.

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

On 9 March, outside the disengagement area near Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk), an SMM mini unmanned aerial vehicle (UAV) [again](#) spotted two infantry fighting vehicles (IFV) (BTR-3E) adjacent to a house, assessed as used by the Ukrainian Armed Forces, north-east of the Ukrainian Armed Forces entry-exit checkpoint (EECP). The UAV [again](#) spotted an anti-aircraft-gun (ZU-23, 23mm) south

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

of the disengagement area, assessed as belonging to the armed formations. On 10 March, the SMM saw six members of the armed formations (wearing armbands with “JCCC” written on them) inside the disengagement area, between the new span of the Stanytsia Luhanska bridge (15km north-east of Luhansk) and their checkpoint south of it.

On 9 March, an SMM mini-UAV [again](#) spotted at least 500 anti-tank mines in fields south of the railway line and east and west of road T-1316 inside the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk), assessed as belonging to the armed formations. Outside the disengagement area, the same UAV also spotted a probable armoured personnel carrier (BTR type) and an IFV (BMP-1) at a checkpoint of the Ukrainian Armed Forces north of the area’s northern edge.

On the evening and night of 9-10 March, the SMM camera in Zolote recorded seven undetermined explosions at an assessed range of 3-5km east and east-south-east. During the day on 10 March, while positioned at four locations near the disengagement area, the SMM recorded 23 undetermined explosions as well as 14 shots and bursts of small-arms-fire and heavy-machine-gun. On the evening of 10 March, the SMM camera in Zolote recorded a muzzle flash and a projectile in flight, both at an assessed range of 2-4km east. All of the ceasefire violations were assessed as outside the disengagement area near Zolote but within 5km of its periphery.

On 10 March, on the southern edge of the disengagement area, the SMM saw two members of the armed formations (wearing armbands with “JCCC” written on them).

On 8 March, an SMM mini-UAV [again](#) spotted 16 anti-tank mines in a field about 100m north of the northern edge of the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), near a position of the armed formations.

On the afternoon of 10 March, while positioned about 1.8km north of Petrivske, the SMM recorded 24 undetermined explosions at an assessed range of 3-5km south, assessed as rounds of a multiple launch rocket system (9K51, BM-21 *Grad*, 122mm). At the same time, positioned about 1.8km east of Bohdanivka (government-controlled, 41km south-west of Donetsk), it recorded eight shots of small-arms fire at an assessed range of 3-4km south-east. All of the ceasefire violations were assessed as outside the disengagement area near Petrivske but within 5km of its periphery. Around the same time, at the same location near Bohdanivka, it also recorded ten shots of small-arms fire at an assessed range of 2-4km east-south-east, which were unable to be assessed as inside or outside of the disengagement area.

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.

The Mission saw seven weapons in violation of withdrawal lines at a former airport in a non-government-controlled area of Luhansk region (for further details, see the table below).

Weapons that the SMM could not verify as withdrawn⁶

At heavy weapons holding areas in government-controlled areas of Donetsk region

10 March

The SMM noted that:

- four anti-tank guns (2A29, MT-12 *Rapira*, 100mm), four anti-tank guided missile systems (9P149 *Shturm-S*, 130mm), and 11 towed howitzers (2A36 *Giatsint-B*, 152mm) were present, and
- 12 anti-tank guns (2A29), five anti-tank guided missile systems (9P149), and 23 towed howitzers (eight 2A36 and 15 2A65 *Msta-B*, 152mm) continued to be missing.

Indications of military presence in the security zone⁷

The Mission observed armoured combat vehicles in government- and non-government-controlled areas of both Luhansk and Donetsk regions (for further details, see the table below).

Mines seen for the first time near Rozsadky

On 8 March, an SMM mid-range UAV spotted for the first time two rows of 50 anti-tank mines, as well as a larger cluster of at least 500 anti-tank mines, in fields north of Rozsadky (62km north-east of Donetsk), all assessed as recently laid and near positions of the Ukrainian Armed Forces.

SMM facilitation of operation of critical civilian infrastructure

The SMM facilitated and monitored adherence to localized ceasefires to enable repairs to water infrastructure near Pankivka (non-government-controlled, 16km north of Luhansk), power lines between Holubivske (non-government-controlled, 51km west of Luhansk) and Berezivske (non-government-controlled, 53km north-west of Luhansk), and demining activities in Krasnyi Yar (non-government-controlled, 12km north-east of Luhansk).

The Mission continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk).

Long queues at checkpoints along the contact line

On 10 March, at a checkpoint near Kremynets (non-government-controlled, 16km south-west of Donetsk), the SMM saw about 300 vehicles and 50 pedestrians queuing to travel towards government-controlled areas and about 20 vehicles queuing in the opposite direction.

Border areas outside government control

⁶ The SMM visited areas holding weapons that could not be verified as withdrawn, as their storage did not comply with the criteria set out in the 16 October 2015 notification from the SMM to the signatories of the Package of Measures on effective monitoring and verification of the withdrawal of heavy weapons.

⁷ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

On 7 March, about 1.5km south of Vasylivka (65km south-east of Donetsk), an SMM long-range UAV spotted tracks from an unidentified vehicle stretching southwards along a dirt road, about 50m from an area at the border where there are no crossing points.

On 10 March, while at a border crossing point near Marynivka (78km east of Donetsk) for 45 minutes, the SMM saw five cars (three with Russian Federation licence plates and two with “DPR” plates), as well as a female pedestrian in her sixties entering Ukraine. It also saw eight cars (four with Ukrainian and three with Russian Federation licence plates, as well as one with “DPR” plates), a bus with “DPR” plates, and a covered cargo truck with Ukrainian licence plates exiting Ukraine.

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, 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 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 of 9 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.

Denial of access:

- At a checkpoint on the eastern edge of Staromykhailivka (non-government-controlled, 15km west of Donetsk), two armed members of the armed formations denied the SMM passage to the settlement, citing a “lack of security guarantees.”
- At a checkpoint in the Trudivski area of the Petrovskiyi district in non-government-controlled Donetsk city, two armed members of the armed formations denied the SMM passage westwards, citing a “lack of security guarantees.”
- In non-government-controlled Donetsk city, a member of the armed formations [again](#) denied the SMM access to its regular observation post at the central railway station, citing “orders from superiors.”
- At a checkpoint north of Zaichenko (non-government-controlled, 93km south of Donetsk), an armed member of the armed formations [again](#) denied the SMM passage towards Sakhanka (non-government-controlled, 97km south of Donetsk) and Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk), citing an “engineering operation in the area.” As a result, the SMM was unable to follow up on allegations of shelling in Pikuzy.
- At a checkpoint west of Bezimenne (non-government-controlled, 100km south of Donetsk), a member of the armed formations [again](#) denied the SMM passage westwards, citing “orders from superiors.”

- At a checkpoint at the northern entrance of Novoazovsk (non-government-controlled, 102km south-east of Donetsk), a member of the armed formations [again](#) denied the SMM passage to the settlement, citing “ongoing training activities.” While present, the SMM saw civilian traffic crossing the checkpoint in both directions.

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 7 March, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas between Kostiantynivka (government-controlled, 60km north of Donetsk) and Alchevsk (non-government-controlled, 40km west of Luhansk).⁸

⁸ The interference could have originated from anywhere within the radius of kilometres from the UAVs’ positions.

Table of weapons

Weapons in violation of the withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
07/03/2020	2	Self-propelled howitzer (one 2S3 <i>Akatsiya</i> , 152mm and one 2S1 <i>Gvozdika</i> , 122mm)	At a former airport near Peremozhne (19km south of Luhansk)	Long-range UAV
	3	Towed howitzer (one 2A65 <i>Msta-B</i> , 152mm; one D-30A <i>Lyagushka</i> , 122mm; and one D-20, 152mm)		
	1	Multiple launch rocket system (9K51, BM-21 <i>Grad</i> , 122mm)		
	1	Anti-tank gun (2A29, MT-12 <i>Rapira</i> , 100mm)		

Beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
06/03/2020	21	Tank (17 T-72 and four T-64)	In a training area near Ternove (57km east of Donetsk)	Mini-UAV
07/03/2020	2	Tank (one T-72 and one T-64)	At a former airport near Peremozhne	Long-range UAV
	2	Mortar (one 2B11 <i>Sani</i> , 120mm and one 2B14 <i>Podnos</i> , 82mm)		
	1	Towed mortar (2B9 <i>Vasilek</i> , 82mm)		
	1	Surface-to-air missile system (9K35 <i>Strela-10</i>)		
	20	Towed howitzer (one 2A65 <i>Msta-B</i> , 152mm and 19 type undetermined)	In a compound near Khrustalniy (formerly Krasnyi Luch, 56km south-west of Luhansk)	

Table of indications of military presence in the security zone⁹

Date	No.	Type	Location	Source of observation
Government-controlled areas				
04/03/2020	1	Probable infantry fighting vehicle	In Stanytsia Luhanska (16km north-east of Luhansk)	Mini-UAV
	1	Armoured combat vehicle		
07/03/2020	1	Infantry fighting vehicle (BTR-3E)	Near Syze (23km north-east of Luhansk)	Long-range UAV
	2	Armoured combat vehicle	Near Hranitne (60km south of Donetsk)	
	1	Armoured reconnaissance vehicle (BRDM-2)	Near Novotroitske (36km south-west of Donetsk)	
	1	Armoured combat vehicle		
	1	Infantry fighting vehicle (BMP-1)	In Taramchuk (29km south-west of Donetsk)	
	1	Armoured personnel carrier (MT-LB)		
	1	Armoured combat vehicle		
	1	Armoured reconnaissance vehicle (BRDM-2)	In Pervomaiske (17km north-west of Donetsk)	
1	Armoured personnel carrier (BTR variant)			

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

08/03/2020	1	Infantry fighting vehicle (BMP-1)	Near Luhanske (59km north-east of Donetsk)	Mini-UAV
	1	Armoured personnel carrier (MT-LB M) with anti-aircraft gun (ZU-23, 23mm) mounted atop	Near Troitske (69km west of Luhansk)	Mid-range UAV
10/03/2020	1	Armoured personnel carrier (BTR-70)	Near Novobakhmutivka (28km north of Donetsk)	Patrol
	1	Armoured personnel carrier (BTR-70)	Near Mykolaivka (40km south of Donetsk)	
Non-government-controlled areas				
07/03/2020	2	Armoured personnel carrier (MT-LB)	Near Novokyivka (25km east of Luhansk)	Mini-UAV
	7	Infantry fighting vehicle (two BMP-1 and five BMP variant)		
	4	Armoured combat vehicle	In a compound near Bezimenne (100km south of Donetsk)	Long-range UAV

Table of ceasefire violations as of 10 March 2020¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	10-Mar, 02:02
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.7-1.2km S	Recorded	2	Explosion	Undetermined	N/K	9-Mar, 19:00
	0.7-1.2km S	Recorded	1	Explosion	Undetermined	N/K	9-Mar, 19:13
	0.7-1.2km SSE	Recorded	1	Explosion	Undetermined	N/K	9-Mar, 19:16
	0.7-1.2km S	Recorded	1	Explosion	Undetermined	N/K	9-Mar, 19:16
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Mar, 19:35
	0.7-1.2km S	Recorded	1	Explosion	Undetermined	N/K	9-Mar, 19:40
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Mar, 19:42
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 05:10
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	1-3km E	Recorded	1	Projectile	N to S	N/K	10-Mar, 18:37
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	1	Projectile	NNW to SSE	N/K	10-Mar, 05:09
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	3-5km NNE	Recorded	1	Projectile	E to W	N/K	9-Mar, 19:57
	3-5km NNE	Recorded	1	Explosion	Impact	N/K	9-Mar, 19:57
	2-4km NNE	Recorded	22	Projectile	W to E	N/K	9-Mar, 23:53
	2-4km NNE	Recorded	37	Projectile	W to E	N/K	9-Mar, 23:54
	2-4km NNE	Recorded	16	Projectile	W to E	N/K	9-Mar, 23:55
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 00:06
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 00:07
	2-4km NNE	Recorded	2	Muzzle flash		N/K	10-Mar, 00:08
	2-4km NNE	Recorded	1	Projectile	WSW to ENE	N/K	10-Mar, 00:08
	2-4km NNE	Recorded	1	Projectile	WSW to ENE	N/K	10-Mar, 00:09
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 00:10
	2-4km NNE	Recorded	2	Projectile	WSW to ENE	N/K	10-Mar, 00:10
	2-4km NNE	Recorded	11	Projectile	W to E	N/K	10-Mar, 00:25
	2-4km NNE	Recorded	10	Projectile	W to E	N/K	10-Mar, 00:26
	2-4km NNE	Recorded	20	Projectile	W to E	N/K	10-Mar, 00:27
	2-4km NNE	Recorded	6	Muzzle flash		N/K	10-Mar, 00:31
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	3-5km NE	Recorded	2	Explosion	Undetermined	N/K	9-Mar, 19:26
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	9-Mar, 19:27
	3-5km N	Recorded	4	Projectile	E to W	N/K	9-Mar, 19:43

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.

SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	1	Explosion	Undetermined	N/K	9-Mar, 21:01
	3-5km N	Recorded	4	Explosion	Undetermined	N/K	9-Mar, 21:14
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	9-Mar, 22:02
	6-8km NNE	Recorded	2	Explosion	Undetermined	N/K	10-Mar, 18:58
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	0.5-1km ESE	Recorded	1	Muzzle flash		N/K	9-Mar, 19:16
	0.5-3km ESE	Recorded	1	Projectile	WNW to ESE	N/K	9-Mar, 19:16
	4-6km E	Recorded	5	Projectile	N to S	N/K	10-Mar, 18:07
	4-6km E	Recorded	5	Projectile	N to S	N/K	10-Mar, 18:07
	4-6km E	Recorded	4	Projectile	N to S	N/K	10-Mar, 18:08
	4-6km E	Recorded	1	Projectile	N to S	N/K	10-Mar, 18:08
	4-6km E	Recorded	3	Projectile	In vertical flight	N/K	10-Mar, 18:11
	4-6km E	Recorded	1	Projectile	N to S	N/K	10-Mar, 18:12
	4-6km E	Recorded	1	Projectile	W to E	N/K	10-Mar, 18:16
	4-6km E	Recorded	3	Projectile	N to S	N/K	10-Mar, 18:17
	4-6km E	Recorded	2	Explosion	Undetermined	N/K	10-Mar, 18:18
	4-6km E	Recorded	2	Projectile	N to S	N/K	10-Mar, 18:18
	4-6km E	Recorded	1	Projectile	N to S	N/K	10-Mar, 18:19
	4-6km E	Recorded	1	Explosion	N to S (airburst)	N/K	10-Mar, 18:19
	4-6km E	Recorded	1	Projectile	S to N	N/K	10-Mar, 18:24
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	3-5km SSW	Heard	47	Explosion	Undetermined	N/K	10-Mar, 09:44-10:00
	3-5km SSW	Heard	20	Explosion	Undetermined	N/K	10-Mar, 10:01-10:08
	2-3km SSW	Heard	10	Burst		HMG	10-Mar, 10:11-10:23
	3-5km SSW	Heard	34	Explosion	Undetermined	N/K	10-Mar, 10:11-10:23
	3-5km SSW	Heard	15	Explosion	Undetermined	N/K	10-Mar, 10:25-10:27
	2-3km SSW	Heard	14	Burst		HMG	10-Mar, 10:29-10:42
	3-5km SSW	Heard	65	Explosion	Undetermined	N/K	10-Mar, 10:29-10:42
	2-3km SSW	Heard	8	Burst		HMG	10-Mar, 10:43-11:16
	3-5km SSW	Heard	54	Explosion	Undetermined	N/K	10-Mar, 10:43-11:16
	3-5km SSW	Heard	25	Explosion	Undetermined	N/K	10-Mar, 11:17-11:30
	3-5km SSW	Heard	4	Explosion	Undetermined	N/K	10-Mar, 11:40-11:53
About 1.1km NW of the Railway station of Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km SW	Heard	9	Explosion	Undetermined	N/K	10-Mar, 12:00-12:30
	3-4km SW	Heard	3	Explosion	Undetermined	N/K	10-Mar, 12:30-12:50
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	10-Mar, 13:36
Donetsk Railway Station (non-government-controlled, 6km NW of Donetsk city centre)	2-4km NW	Heard	10	Explosion	Undetermined	N/K	10-Mar, 10:15-10:30
	2-4km NW	Heard	5	Burst		Small arms	10-Mar, 10:15-10:30
	2-4km NW	Heard	3	Burst		HMG	10-Mar, 10:15-10:30
	2-4km NW	Heard	47	Explosion	Undetermined	N/K	10-Mar, 11:00-11:30
	2-4km NW	Heard	42	Burst		HMG	10-Mar, 11:00-11:30
	2-4km NW	Heard	47	Burst		Small arms	10-Mar, 11:00-11:30
	2-4km NW	Heard	31	Explosion	Undetermined	N/K	10-Mar, 11:00-11:30

	2-4km NW	Heard	4	Burst		HMG	10-Mar, 11:00-11:30
	2-4km NW	Heard	20	Shot		Small arms	10-Mar, 11:00-11:30
	2-4km NW	Heard	2	Explosion	Undetermined	N/K	10-Mar, 11:43
	2-4km NW	Heard	2	Explosion	Undetermined	N/K	10-Mar, 11:51
About 2km S of Donetsk city centre (non-government-controlled)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	10-Mar, 09:13
Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	3km SW	Heard	5	Burst		Small arms	10-Mar, 10:19
	3km	Heard	5	Burst		Small arms	10-Mar, 11:31-11:34
NNW of Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	2-3km SW	Heard	17	Burst		Small arms	10-Mar, 10:35-10:38
	2-3km SW	Heard	31	Burst		Small arms	10-Mar, 10:45-10:50
2.1km WNW of Pisky (government-controlled, 12km NW of Donetsk)	2-3km NE	Heard	2	Explosion	Undetermined	N/K	10-Mar, 12:10
	1-2km SE	Heard	5	Shot		Small arms	10-Mar, 12:19
	1.5km E	Heard	1	Explosion	Undetermined	N/K	10-Mar, 12:20
	1-2km E	Heard	3	Shot		HMG	10-Mar, 12:28
About 1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3-5km S	Heard	24	Explosion	Undetermined (assessed as outside the disengagement area)	MLRS (BM-21 Grad, 122mm)	10-Mar, 13:35
About 1.8km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-4km ESE	Heard	10	Shot	Unable to assess whether inside or outside of the disengagement area	Small arms	10-Mar, 13:25
	3-4km SE	Heard	8	Shot	Assessed as outside the disengagement area	Small arms	10-Mar, 13:35
Chermalyk (government-controlled, 77km S of Donetsk)	3-4km SE	Heard		Shot	Uncountable	Small arms	10-Mar, 10:17-10:30
About 2.6km SSE of Lomakyne (government-controlled, 93km S of Donetsk)	2-4km E	Heard	1	Explosion	Undetermined	N/K	10-Mar, 10:38
Myrne (government-controlled, 63km S of Donetsk)	N/K ENE	Heard	50	Explosion	Undetermined	N/K	10-Mar, 11:00-11:10
	N/K ENE	Heard	25	Shot		HMG	10-Mar, 11:00-11:10
NE edge of Pavlopil (government-controlled, 84km S of Donetsk)	2-3km NNE	Heard		Shot and burst	Uncountable	HMG	10-Mar, 11:00
	2-3km NNE	Heard	60	Explosion	Both	N/K	10-Mar, 11:00
	2-3km NNE	Heard	15	Explosion	Undetermined	AGL	10-Mar, 11:00-11:16
	2-3km NNE	Heard	115	Explosion	Undetermined	N/K	10-Mar, 11:20-11:30
	2-3km NNE	Heard	27	Burst		HMG	10-Mar, 11:20
	2-3km NNE	Heard	3	Shot		Small arms	10-Mar, 11:20-11:30
About 500m NE of Kamianka (government-	5-6km E	Heard	2	Explosion	Undetermined	N/K	10-Mar, 09:29-09:30
	2-3km NNE	Heard	1	Explosion	Undetermined	N/K	10-Mar, 10:08

controlled, 20km N of Donetsk)	1-2km S	Heard	2	Shot		Small arms	10-Mar, 10:31
	5-7km WSW	Heard	1	Explosion	Undetermined	N/K	10-Mar, 12:17
	4-7km NW	Heard	3	Explosion	Undetermined	N/K	10-Mar, 12:41-12:44
	2-3km S	Heard	2	Shot		Small arms	10-Mar, 12:55
	5-7km W	Heard	1	Explosion	Undetermined	N/K	10-Mar, 13:41
	1-2km E	Heard	2	Shot		Small arms	10-Mar, 13:54
About 1.7km ESE of Luhanske (government-controlled, 59km NE of Donetsk)	3-5km SSW	Heard	4	Burst		HMG	10-Mar, 13:18
	3-5km SSW	Heard	5	Burst		HMG	10-Mar, 13:26
	3-5km SSW	Heard	5	Burst		HMG	10-Mar, 13:33-13:35
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	10-Mar, 13:37
	3-5km SSW	Heard	6	Burst		HMG	10-Mar, 13:42
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-6km SW	Heard	10	Explosion	Undetermined	N/K	9-Mar, 21:35-21:38
	4-5km W	Heard	8	Burst		HMG	9-Mar, 22:01-22:02
	5-7km SSW	Heard	5	Explosion	Undetermined	N/K	10-Mar, 17:10-17:14
	5-7km SSW	Heard	6	Explosion	Undetermined	N/K	10-Mar, 17:36-17:40
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km S	Heard	1	Explosion	Undetermined	N/K	9-Mar, 18:35
	3-6km S	Heard	8	Explosion	Undetermined	N/K	9-Mar, 18:42-18:50
	2-4km SE	Heard	22	Burst		Small arms	9-Mar, 18:45
	2-4km SE	Heard	25	Shot and burst		Small arms	9-Mar, 18:51-18:56
	2-4km SE	Heard	10	Shot		HMG	9-Mar, 19:00
	3-6km SW	Heard	10	Explosion	Undetermined	N/K	9-Mar, 19:10-19:25
	2-4km SE	Heard	40	Burst		HMG	9-Mar, 19:25-19:40
	2-4km SW	Heard	5	Explosion	Undetermined	N/K	9-Mar, 19:30-19:33
	2-4km SE	Heard	5	Shot		HMG	9-Mar, 20:05
	3-6km SW	Heard	8	Explosion	Undetermined	N/K	9-Mar, 20:15-20:18
	2-4km SE	Heard	6	Shot		HMG	9-Mar, 20:25
	2-4km SE	Heard	4	Shot		HMG	9-Mar, 20:52
	3-5km SE	Heard	5	Burst		HMG	9-Mar, 22:07
	3-5km SE	Heard	1	Burst		HMG	9-Mar, 22:14
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	10-Mar, 16:33
	3-5km SE	Heard	3	Explosion	Undetermined	N/K	10-Mar, 16:37
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	10-Mar, 16:39
	3-5km SE	Heard	5	Explosion	Undetermined	N/K	10-Mar, 16:47
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	10-Mar, 16:56
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	10-Mar, 16:59
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	10-Mar, 17:01
	3-5km SE	Heard	4	Burst		HMG	10-Mar, 17:01
	3-5km SE	Heard	8	Explosion	Undetermined	HMG	10-Mar, 17:03-17:07
3-5km SE	Heard	35	Burst		HMG	10-Mar, 17:03-17:07	
3-5km SE	Heard	2	Explosion	Undetermined	N/K	10-Mar, 17:08-17:09	
3-5km SE	Heard	9	Burst		HMG	10-Mar, 17:08-17:09	

	3-5km SE	Heard	52	Explosion	Undetermined	N/K	10-Mar, 17:10-17:25
	3-5km SE	Heard	55	Burst		HMG	10-Mar, 17:10-17:25
	3-5km SE	Heard	61	Explosion	Undetermined	N/K	10-Mar, 17:25
	3-5km SE	Heard	64	Burst		HMG	10-Mar, 17:40
	3-5km SE	Heard	22	Explosion	Undetermined	N/K	10-Mar, 17:40
	3-5km SE	Heard	71	Burst		HMG	10-Mar, 18:10
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km WSW	Recorded	3	Projectile	ESE to WNW	N/K	10-Mar, 18:25
	2-4km SW	Recorded	2	Muzzle flash		N/K	10-Mar, 18:25
	2-4km SW	Recorded	1	Projectile	ESE to WNW	N/K	10-Mar, 18:26
	2-4km SW	Recorded	1	Projectile	In vertical flight	N/K	10-Mar, 18:26
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km ESE	Recorded	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-Mar, 19:29
	3-5km E	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Mar, 02:34
	3-5km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Mar, 04:11
	2-4km E	Recorded	1	Muzzle flash	Assessed as outside the disengagement area.	N/K	10-Mar, 18:38
	2-4km E	Recorded	1	Projectile	S to N (assessed as outside of the disengagement area)	N/K	10-Mar, 18:38
N edge of Popasna (government-controlled, 69km W of Luhansk)	10-12km SE	Heard	23	Explosion	Undetermined	N/K	10-Mar, 07:18-07:35
N edge of Orikhove (government-controlled, 57km NW of Luhansk)	3-5km SSE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Mar, 09:48
	3-5km SSE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Mar, 09:52
	3-5km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Mar, 10:32
	3-5km SSE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Mar, 12:20
	3-5km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Mar, 12:52

	3-5km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Mar, 12:59
	3-5km SSE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Mar, 13:10
3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	3-4km NNE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Mar, 09:43-09:51
	2-3km E	Heard	4	Shot	Assessed as outside the disengagement area.	Small arms	10-Mar, 10:38
2km S of Holubivske (non-government-controlled, 51km W of Luhansk)	6-7km WNW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	10-Mar, 10:03
1.5km S of Holubivske (non-government-controlled, 51km W of Luhansk)	6-7km WNW	Heard	7	Explosion	Undetermined	N/K	10-Mar, 12:20-12:58
	6-7km WNW	Heard	10	Burst		HMG	10-Mar, 12:20-12:58
SE edge of Voitove (government-controlled, 33km NW of Luhansk)	10-15km SW	Heard	10	Explosion	Undetermined	N/K	10-Mar, 11:30-11:35
NE edge of Kalynove-Borshchuvate (non-government-controlled, 61km W of Luhansk)	3-5km E	Heard	1	Explosion	Outgoing	Artillery (type N/K)	10-Mar, 14:03
	6-8km NNE	Heard	10	Explosion	Undetermined	N/K	10-Mar, 14:13-14:39
	9-11km SSW	Heard	18	Explosion	Undetermined	N/K	10-Mar, 14:15-14:35
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	12-15km W	Heard	37	Explosion	Undetermined	N/K	10-Mar, 16:20-17:05

Map of Donetsk and Luhansk regions¹¹



¹¹ The 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).