



Daily Report 117/2020

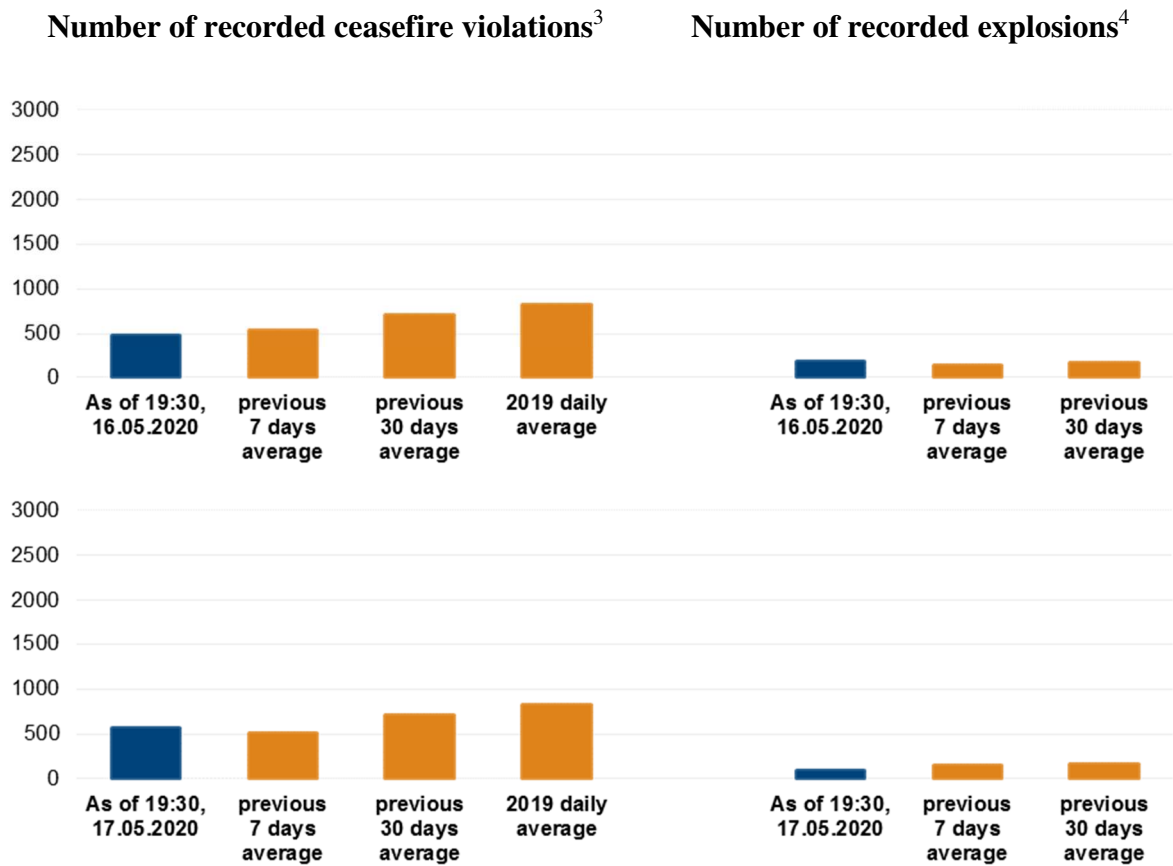
18 May 2020¹

Summary

- Compared with the previous reporting period, between the evenings of 15 and 16 May, the SMM recorded more ceasefire violations in both Donetsk and Luhansk regions.
- Between the evenings of 16 and 17 May, the Mission recorded fewer ceasefire violations in Donetsk region and more in Luhansk region, compared with the previous 24 hours.
- Small-arms fire was assessed as aimed at two SMM unmanned aerial vehicles – once over areas near non-government-controlled Komisarivka, Luhansk region and once near non-government-controlled Styla, Donetsk region.*
- The SMM followed up on reports of a woman injured by the explosion of a mine near Novotroitske, Donetsk region.
- The SMM saw damage to a residential house in Berezivske, Luhansk region.
- Members of the armed formations continued to deny the Mission passage at checkpoints along official crossing routes in Donetsk and Luhansk regions.*
- The SMM continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations inside the disengagement area near Petrivske and observed persons inside the disengagement areas near Petrivske and Zolote.
- The SMM continued following up on the situation of civilians amid the COVID-19 outbreak, including at entry-exit checkpoints and their corresponding checkpoints in Donetsk and Luhansk regions.
- The SMM's freedom of movement continued to be restricted.*

¹ Based on information from the Monitoring Teams as of 19:30, 17 May 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, one of the SMM cameras at Oktiabr mine and the SMM cameras in Petrivske were not operational. Additionally, the SMM camera south of the Zolote disengagement area was not operational on 16 May.

³ Including explosions.

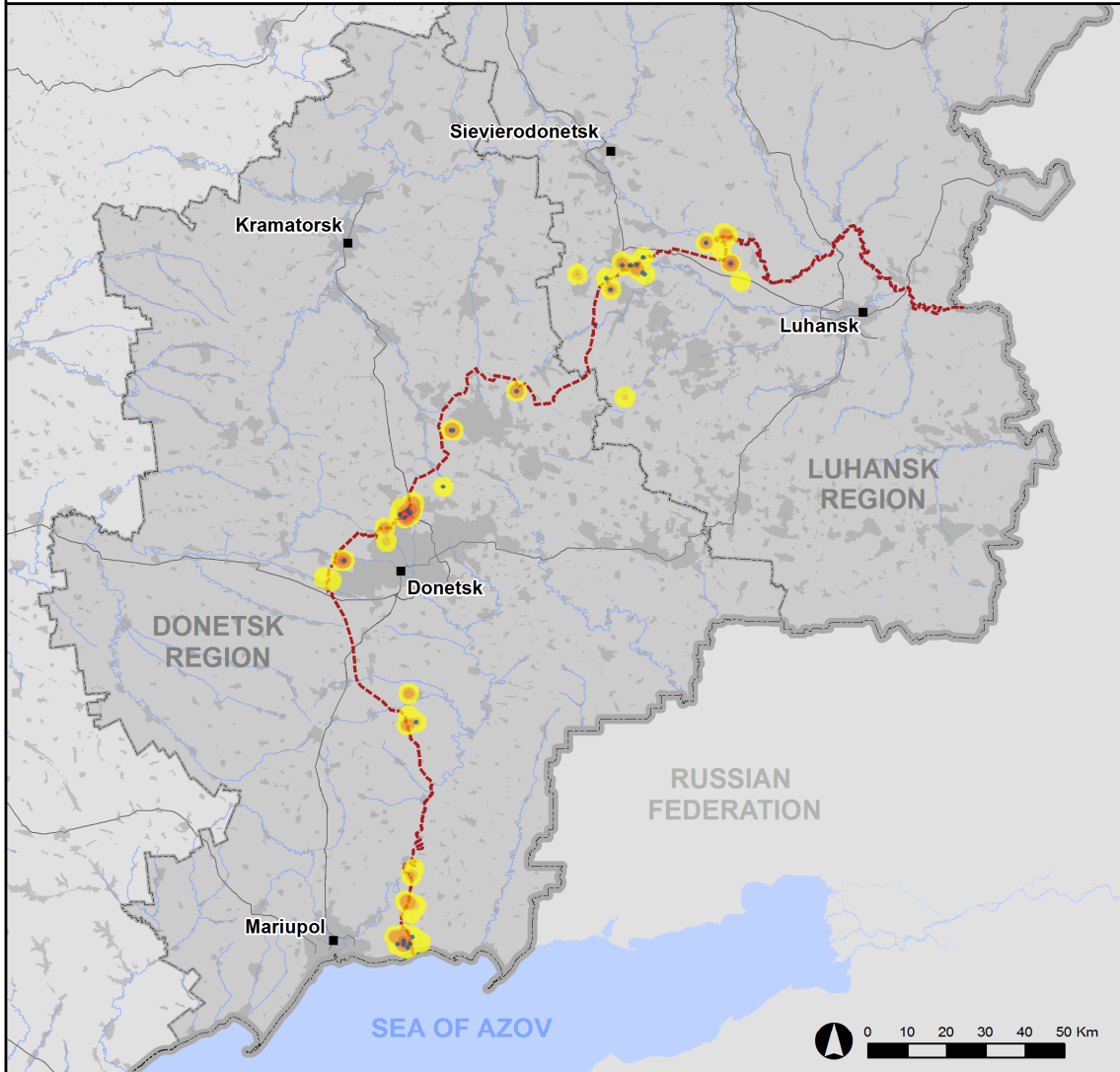
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

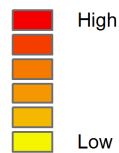


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 16-17 May 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: 18/05/2020

In Donetsk region, between the evenings of 15 and 16 May, the SMM recorded more ceasefire violations, including more explosions (150), compared with the [previous reporting period](#) (about 90 explosions). Most ceasefire violations, including most explosions, were recorded at southerly and westerly directions of the Donetsk Filtration Station (DFS) (15km north of Donetsk) (see below), west of Staromykhailivka (non-government-controlled, 15km west of Donetsk), at northerly directions of Shyrokyne (government-controlled, 100km south of Donetsk), west of Horlivka (non-government-controlled, 39km north-east of Donetsk) and west of Svitlodarsk (government-controlled, 57km north-east of Donetsk).

Between the evenings of 16 and 17 May, the Mission recorded fewer ceasefire violations, including fewer explosions (13), compared with the previous 24 hours. More than half of the ceasefire violations were recorded at northerly directions of Shyrokyne (government-controlled, 100km south of Donetsk) and at southerly directions of the DFS (see below).

In Luhansk region, between the evenings of 15 and 16 May, the SMM recorded more ceasefire violations, including, however, fewer explosions (nine), compared with the [previous reporting period](#) (about 35 explosions). The majority of ceasefire violations were recorded at easterly directions of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below) and south-west of Kriakivka (government-controlled, 38km north-west of Luhansk).

Between the evenings of 16 and 17 May, the Mission recorded more ceasefire violations, including more explosions (about 75), compared with the previous 24 hours. The majority of ceasefire violations were recorded north of Smile (non-government-controlled, 31km north-west of Luhansk), south-east of Orikhove-Donetske (government-controlled, 44km north-west of Luhansk) and at easterly and westerly directions of the disengagement area near Zolote (see below).

Small-arms fire assessed as directed at SMM UAVs near Komisarivka and Styla

On 17 May, while conducting a mini-unmanned aerial vehicle (UAV) flight over areas near Komisarivka (non-government-controlled, 60km west of Luhansk), the SMM heard eight bursts of small-arms fire at an assessed distance of 1.8km west, assessed as aimed at the UAV, which was flying about 1.8km west of the patrol's position.

On the same day, while conducting a mid-range UAV flight over areas near Styla (non-government-controlled, 34km south of Donetsk), the SMM heard 24 shots of small-arms fire at an assessed distance of 1.5-2.3km south-south-west, assessed as aimed at the UAV, which was flying about 1.5-2.3km south-south-west of the patrol's position.

On both occasions, the SMM safely landed its UAV and left the area.*

Woman injured by explosion of mine near Novotroitske

The SMM followed up on reports of a woman injured by a mine in the area of the entry-exit checkpoint (EECP) near Novotroitske (government-controlled, 36km south-west of Donetsk).

On 15 May, a representative of the Volnovakha Police Department said that on 14 May, at around 17:00, a woman with severe injuries to her left leg had been found near the EECP

near Novotroitske and had been brought to a hospital in Volnovakha (government-controlled, 53km south of Donetsk).

On 16 May, medical staff at a hospital in Volnovakha told the SMM that on 14 May, a woman (in her thirties) had been admitted. She had lost her left foot and had sustained shrapnel injuries to her lower body, all of which were consistent with injuries caused by the explosion of a mine.

Destroyed residential house and craters in Berezivske

On 15 May, on the northern outskirts of Berezivske (non-government-controlled, 53km north-west of Luhansk), an SMM mini-UAV spotted a destroyed civilian house (not seen in imagery from 25 February 2020). The Mission assessed that the destruction was caused by fire from a weapon but could not assess the direction of fire or type of weapon used. In the backyard of the house, the SMM spotted for the first time at least five craters assessed as caused by 120mm mortar rounds. While landing the UAV, the patrol saw two incoming flaming projectiles explode in the air, and subsequently saw and heard two explosions and smoke at an altitude of about 80m-100m from the ground, and at an assessed distance of 20m north-north-west of the patrol's position (for more information see [SMM Spot Report 24/2020](#)).

Members of the armed formations continued to deny the SMM passage at checkpoints along the contact line in Donetsk and Luhansk regions

Members of the armed formations continued to deny the SMM passage at checkpoints in both Donetsk and Luhansk regions along official crossing routes. These restrictions constitute an impediment to the implementation of the Mission's mandate.⁵

In Donetsk region, on 16 May, at a checkpoint of the armed formations near Horlivka, an SMM patrol was [again](#) unable to proceed towards non-government-controlled areas due to the presence of a metal barrier and metal spikes across the road, as well as a mine hazard sign in the middle of the road. The SMM saw no members of the armed formations present at the checkpoint.*

On 17 May, at a checkpoint near Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage towards non-government-controlled areas without giving any reason.*

In Luhansk region, on 16 May, at a checkpoint south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), a member of the armed formations denied the SMM passage towards government-controlled areas, and on 17 May, two members of the armed formations denied the SMM passage towards non-government-controlled areas. On both occasions, members of the armed formations referred to the closure of the checkpoint due to the COVID-19 outbreak and added that the Mission would also not be allowed passage in the opposite direction.*

⁵ The Mission began facing repeated denials when attempting to cross into non-government-controlled areas at checkpoints of the armed formations in Donetsk region on 21 March and Luhansk region on 23 March. For more information, see SMM Daily and Spot Reports.

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁶

On 16 and 17 May, the SMM observed a calm situation inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk).

On 16 and 17 May, inside the disengagement area, the SMM saw members of the armed formations (wearing armbands with “JCCC” written on them) near their checkpoint south of the Stanytsia Luhanska bridge.

On the evening of 15 May, inside **the disengagement area near Zolote**, an SMM long-range UAV spotted five persons standing near former military positions of the Ukrainian Armed Forces south of the railway track, about 1.2km south of the area’s northern edge and about 1.2km east of the area’s western edge.

On the night between 15 and 16 May, the SMM camera in Zolote recorded five undetermined explosions and an illumination flare, all at an assessed range of 2-5km east. On 16 May, while positioned near the disengagement area, the SMM heard 30 bursts of heavy-machine-gun fire at an assessed range of 1.5-2km north-north-west. On the night between 16 and 17 May, the SMM camera in Zolote recorded an undetermined explosion, 25 projectiles in flight and a muzzle flash, all at an assessed range of 1-3km east and east-north-east. On 17 May, while positioned on the southern edge of the disengagement area, the SMM heard 33 undetermined explosions at an assessed range of 3-6km north-east, south-west and west. All of these ceasefire violations were assessed as outside the disengagement area but within 5km of its periphery.

On 16 and 17 May, the Mission saw members of the armed formations (wearing armbands with “JCCC” written on them) near the southern edge of the disengagement area, some of whom were walking inside the disengagement area, about 350m north of its southern edge.

On the evening of 15 May, inside **the disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM long-range UAV spotted a person walking on a footpath near former positions of the Ukrainian Armed Forces about 300m north of the area’s southern edge and about 400m east of its western edge. The UAV also spotted four persons within former positions of the armed formations near the area’s south-eastern edge.

On the night between 15 and 16 May, the SMM camera near Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded a projectile in flight at an assessed range of 1-3km east-south-east (assessed as inside the disengagement area). On 16 May, while positioned near the disengagement area, the SMM heard a shot of small-arms-fire at an assessed distance of 2km west (assessed as outside the disengagement area but within 5km of its periphery). On the night between 16 and 17 May, the SMM camera near Bohdanivka recorded 26 projectiles in flight at an assessed range of 1-3km east-south-east (assessed as inside the disengagement area).

On 17 May, while positioned about 2km north of Petrivske, the Mission heard an undetermined explosion and ten shots of small-arms fire at an assessed range of 1-2km south (assessed as outside the disengagement area but within 5km of its periphery).

⁶ Disengagement is foreseen in the Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware of 21 September 2016.

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 weapons beyond withdrawal lines but outside designated storage sites in a government-controlled area of Donetsk region (for further details, see below).

Indications of military and military-type presence inside the security zone⁷

The SMM observed armoured combat vehicles in the security zone in government-controlled areas of Donetsk region (for further details, see the table below).

On 15 May, in a field near the western outskirts of Shyrokyne, an SMM mini-UAV spotted an electronic warfare system (*Bukovel-AD*).

Crater in Shyroka Balka

On 15 May, in a field near residential houses in the eastern part of Shyroka Balka (non-government-controlled, 34km north-east of Donetsk), an SMM mini-UAV spotted for the first time a crater. The SMM was unable to assess whether it was recent, the type of weapon that caused it or the direction of fire.

Presence of mines near Vesela Hora and mine signs near Shyrokyne and in Betmanove

On 15 May, about 1.5km east of Vesela Hora (non-government-controlled, 16km north of Luhansk), an SMM mini-UAV again spotted 52 anti-tank mines (TM-62) laid in four locations across the western carriageway of highway H-21, about 3km south-east of Shchastia (government-controlled, 20km north of Luhansk), all assessed as belonging to the armed formations (for previous observations in the area see [SMM Daily Report 18 March 2020](#)).

On the same day, about 2km north-west of Shyrokyne, in a field about 130m north of highway M-14, an SMM mini-UAV spotted for the first time three mine warning signs.

On 17 May, on and about 2m east of a road on the eastern outskirts of Betmanove (formerly Krasnyi Partyzan, non-government-controlled, 23km north-east of Donetsk), about 200m south of residential houses, the Mission saw for the first time two mine warning signs (with “Mines” written in Cyrillic).

SMM facilitation of repairs to and operation of critical civilian infrastructure

On 17 May, the SMM facilitated and monitored adherence to a localised ceasefire to enable repairs to power transmission lines near Berezivske. At about 13:00, repairs were reportedly cancelled for the day.

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

On 16 and 17 May, the SMM continued to facilitate the operation of the DFS. On 16 May, while positioned about 2km east of the station, the SMM heard shots and bursts of heavy-machine-gun and small-arms fire. On 17 May, while positioned at two locations near the station, the Mission heard undetermined explosions and shots and bursts of small-arms fire. All of these ceasefire violations were assessed as within a 5km radius of the station (see the table below).

Border areas outside government control

On 16 May, while at a border crossing point near Uspenka (73km south-east of Donetsk) for about 40 minutes, the SMM saw three cars (including one with “DPR” plates) and 16 pedestrians (mixed genders and ages) entering Ukraine, and two cars with Russian Federation licence plates and a pedestrian (man in his sixties) exiting Ukraine.

On the same day, the SMM monitored border areas near Manych (76km east of Donetsk).

Measures taken at entry-exit checkpoints and corresponding checkpoints amid COVID-19 outbreak

In Donetsk region, on 16 May, the SMM noted that the EECPs near Maiorsk (government-controlled, 45km north-east of Donetsk) and Hnutove (government-controlled, 90km south of Donetsk), as well as the checkpoint of the armed formations near Horlivka, remained closed. On 17 May, the Mission noted that the EECP near Hnutove and the corresponding checkpoint near Verkhnohyrokiivske remained closed.*

In Luhansk region, on 16 and 17 May, 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 16 May, the SMM saw 20 pedestrians (mixed genders and ages) crossing the EECP in Stanytsia Luhanska and the corresponding checkpoint of the armed formations. The Mission saw that one pedestrian (male, in his sixties) was denied entry into non-government-controlled areas by members of the armed formations. The SMM also saw 32 pedestrians (mixed genders and ages), among them four persons with limited mobility, crossing the checkpoint of the armed formations and the corresponding EECP.

On 16 and 17 May, the Mission [again](#) saw a checkpoint assessed as set up in relation to the COVID-19 outbreak on the northern outskirts of Irmino (non-government-controlled, 54km west of Luhansk). The SMM saw that a second checkpoint set up on the south-eastern edge of Zolote-5/Mykhailivka (non-government-controlled, 61km west of Luhansk) on 16 May had been removed on 17 May.

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.

Denial of access:

- On 16 May, at a checkpoint south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), a member of the armed formations [again](#) denied the SMM passage towards government-controlled areas, and on 17 May, two members of the armed formations [again](#) denied the SMM passage towards non-government-controlled areas. On both occasions, members of the armed formations referred to the closure of the checkpoint due to the COVID-19 outbreak and added that the Mission would also not be allowed passage in the opposite direction.
- On 16 May, at a checkpoint north of Horlivka (non-government-controlled, 39km north-east of Donetsk), an SMM patrol was [again](#) unable to proceed towards non-government-controlled areas due to a metal barrier, road spikes laid across the road and a mine hazard sign placed in the middle of the road (see above).
- On 17 May, at a checkpoint near Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage towards non-government-controlled areas.

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 15 May, an SMM long-range UAV experienced signal interference, assessed as caused by probable jamming, while flying over areas near government-controlled Kostiantynivka (60km north of Donetsk), Yurivka (35km north of Donetsk) and Verkhnotoretske (23km north-east of Donetsk), as well as non-government-controlled Boikivske (formerly Telmanove, 67km south-east of Donetsk), Vesele (92km south of Donetsk), Krasnopillia (56km south-east of Donetsk) and Kalynove (60km west of Luhansk).⁸

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

- On 17 May, an SMM mid-range UAV experienced signal interference, assessed as caused by probable jamming, while flying over areas near Styla (non-government-controlled, 34m south of Donetsk).
- On 17 May, an SMM mid-range UAV experienced signal interference, assessed as caused by probable jamming, while flying over areas near Uzhivka (formerly Leninske, non-government-controlled, 96km south of Donetsk) and Pionerske (government-controlled, 101km south of Donetsk).
- On 17 May, while conducting a mini-UAV flight over areas near Komisarivka (non-government-controlled, 60km west of Luhansk), the SMM heard bursts of small-arms fire assessed as aimed at its UAV (see above).
- On 17 May, while conducting a mid-range UAV flight over areas near Styla, the SMM heard shots of small-arms fire assessed as aimed at its UAV (see above).

Table of weapons

Beyond withdrawal lines but outside of designated storage sites

Date	No. of weapons	Type of weapons	Location	Source of observation
Government-controlled areas				
16/05/2020	6	Surface-to-air missile system (9K37)	At a railway station in Kostiantynivka (60km north of Donetsk)	Patrol

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
15/05/2020	1	Probable armoured personnel carrier (BTR-80)	Near Shyrokyne (100km south of Donetsk)	Mini-UAV
	1	Probable armoured personnel carrier (MT-LB)	Near Novhorodske (35km north of Donetsk)	Long-range UAV
	5	Infantry fighting vehicle (BMP-variant)	Near Nevelske (18km north-west of Donetsk)	
	2	Armoured combat vehicle	Near Berezove (31km south-west of Donetsk)	
	2	Armoured personnel carrier (probable MT-LB)		
	1	Infantry fighting vehicle (BMP-2)	Near Bohdanivka (41km south-west of Donetsk)	
17/05/2020	1	Armoured personnel carrier (BTR-70)	Near Novobakhmutivka (28km north of Donetsk)	Patrol
	1	Armoured personnel carrier (BTR-70)	Near Lebedynske (99km south of Donetsk)	

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 17 May 2020¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Recorded	8	Projectile	WSW to ENE	N/K	15-May, 20:59
	2-4km SE	Recorded	8	Projectile	WSW to ENE	N/K	15-May, 21:00
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	15-May, 23:34
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	1-3km ESE	Recorded	1	Projectile	NNE to SSW (assessed as inside the disengagement area)	N/K	16-May, 02:41
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	1	Projectile	NNE to SSW	N/K	15-May, 21:56
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Projectile	WNW to ESE	N/K	15-May, 23:39
	1-3km SSW	Recorded	1	Projectile	WNW to ESE (also recorded by the SMM camera in Avdiivka)	N/K	16-May, 00:36
	1-3km SSW	Recorded	1	Explosion	Undetermined (also recorded by the SMM camera in Avdiivka)	N/K	16-May, 00:36
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-4km ESE	Recorded	1	Projectile	SW to NE	N/K	15-May, 21:53
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	3-5km N	Recorded	1	Illumination flare		N/K	16-May, 03:02
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	3	Projectile	W to E	N/K	15-May, 20:46
	3-5km N	Recorded	2	Projectile	W to E	N/K	15-May, 20:47
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	15-May, 20:47
	3-5km N	Recorded	1	Projectile	W to E	N/K	15-May, 20:48
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	15-May, 20:48
	3-5km N	Recorded	1	Projectile	W to E	N/K	15-May, 20:49
	3-5km N	Recorded	3	Projectile	W to E	N/K	15-May, 20:50
	3-6km N	Recorded	1	Explosion	Undetermined	N/K	15-May, 20:50
	3-5km N	Recorded	1	Projectile	W to E	N/K	15-May, 21:15
	3-5km N	Recorded	1	Projectile	W to E	N/K	15-May, 21:16
3-5km N	Recorded	1	Projectile	W to E	N/K	15-May, 21:18	

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.

	3-5km N	Recorded	1	Projectile	W to E	N/K	15-May, 21:19
	3-5km N	Recorded	1	Projectile	E to W (subsequent to previous event)	N/K	15-May, 21:19
	3-5km N	Recorded	1	Explosion	Impact, (subsequent to the previous event)	N/K	15-May, 21:19
	3-6km N	Recorded	1	Muzzle flash		N/K	15-May, 21:19
	3-5km N	Recorded	1	Projectile	W to E	N/K	15-May, 21:20
	3-5km N	Recorded	1	Projectile	W to E	N/K	15-May, 21:21
	3-5km N	Recorded	1	Projectile	W to E	N/K	15-May, 21:23
	2-4km N	Recorded	1	Projectile	W to E	N/K	15-May, 21:24
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	15-May, 21:30
	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	15-May, 21:31
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	15-May, 21:34
	3-5km N	Recorded	20	Projectile	W to E	N/K	15-May, 21:37
	3-5km N	Recorded		Explosion	Uncountable, undetermined	N/K	15-May, 21:37
	5-7km N	Recorded	4	Projectile	SW to NE	N/K	15-May, 21:46
	3-5km NNE	Recorded	4	Projectile	W to E	N/K	15-May, 21:47
	3-5km N	Recorded	3	Projectile	W to E	N/K	15-May, 21:47
	3-5km N	Recorded	8	Projectile	W to E	N/K	15-May, 21:48
	3-5km N	Recorded	8	Projectile	In vertical flight	N/K	15-May, 21:56
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	15-May, 22:00
	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	15-May, 22:39
	3-5km N	Recorded	1	Projectile	E to W	N/K	16-May, 00:13
	3-5km N	Recorded	1	Muzzle flash		N/K	16-May, 00:56
	3-5km N	Recorded	1	Projectile	E to W	N/K	16-May, 01:21
	3-5km NNE	Recorded	2	Projectile	E to W	N/K	16-May, 03:36
	4-7km N	Recorded	1	Projectile	W to E	N/K	16-May, 03:40
	4-7km N	Recorded	2	Projectile	E to W	N/K	16-May, 03:57
About 1km NW of the railway station in Yasynuvata (non- government- controlled, 16km NE of Donetsk)	2km W	Heard	16	Shot		Small arms	16-May, 09:53
	2km W	Heard	4	Shot		Small arms	16-May, 09:58
	2km W	Heard	8	Shot		Small arms	16-May, 10:14
	1-2km WSW	Heard	14	Shot		Small arms	16-May, 10:14
	4-5km SW	Heard	160	Burst		HMG	16-May, 10:37- 10:45
Staromykhailivka (non-government- controlled, 15km W of Donetsk)	2km W	Heard	25	Shot		Small arms	16-May, 13:29- 13:32
	1-3km W	Heard	14	Shot		Small arms	16-May, 13:35- 13:50
	1-3km W	Heard	36	Burst		HMG	16-May, 13:35- 13:50
	1-2km W	Heard	30	Explosion	Undetermined	N/K	16-May, 13:35- 13:50
Trudivski area (non-government- controlled, 15km SW of Donetsk city centre)	1-2km NW	Heard	4	Burst		HMG	16-May, 14:15
About 2km N of Petrivske (non- government- controlled, 41km S of Donetsk)	2km W	Heard	1	Shot	Assessed as outside the disengagemen t area	Small arms	16-May, 14:03

Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km W	Heard	26	Explosion	Undetermined	N/K	15-May, 23:11-23:23
	3-5km W	Heard	35	Explosion	Undetermined	N/K	16-May, 06:35-06:46
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km SW	Heard	3	Explosion	Undetermined	N/K	15-May, 20:20
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	15-May, 21:19
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	15-May, 21:27
	5-7km SW	Heard	3	Explosion	Undetermined	N/K	15-May, 21:32-21:35
	5-7km SW	Heard	2	Explosion	Undetermined	N/K	15-May, 21:41
	5-7km SW	Heard	11	Explosion	Undetermined	N/K	15-May, 23:05-23:08
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	19	Projectile	WNW to ESE	N/K	15-May, 21:23
	6-8km SSW	Recorded	1	Projectile	E to W	N/K	15-May, 23:59
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	16-May, 00:04
	3-5km E	Recorded	1	Explosion	Undetermined, assessed as outside the disengagement area	N/K	16-May, 01:09
	3-5km E	Recorded	1	Explosion	Undetermined, assessed as outside the disengagement area	N/K	16-May, 01:10
	3-5km E	Recorded	1	Explosion	Undetermined, assessed as outside the disengagement area	N/K	16-May, 01:13
	3-5km E	Recorded	1	Explosion	Undetermined, assessed as outside the disengagement area	N/K	16-May, 01:15
	3-5km E	Recorded	1	Explosion	Undetermined, assessed as outside the disengagement area	N/K	16-May, 01:16
N edge of Popasna (government-controlled, 69km W of Luhansk)	1km NW	Heard	14	Shot		Small arms	16-May, 11:25-11:35
About 1km ESE of Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	1.5-2km NNW	Heard	30	Burst	Assessed as outside the disengagement area	HMG	16-May, 13:08-13:13
SMM camera in Avdiivka (government-controlled, 17km	4-5km ESE	Recorded	3	Projectile	SW to NE	N/K	16-May, 22:26
	1-3km ESE	Recorded	1	Projectile	N to S	N/K	16-May, 22:33
	1-3km ESE	Recorded	2	Projectile	NNE to SSW	N/K	16-May, 22:34
	3-5km ESE	Recorded	1	Projectile	NNE to SSW	N/K	16-May, 23:16

N of Donetsk)	3-5km ESE	Recorded	2	Projectile	N to S	N/K	16-May, 23:42
SMM camera 2km E of Bohdanivka (government- controlled, 41km SW of Donetsk)	1-3km ESE	Recorded	3	Projectile	N to S (assessed as inside the disengagement area)	N/K	17-May, 00:10
	1-3km ESE	Recorded	16	Projectile	In vertical flight, assessed as inside the disengagement area	N/K	17-May, 00:13
	1-3km ESE	Recorded	7	Projectile	In vertical flight, assessed as inside the disengagement area	N/K	17-May, 00:14
	3-5km SSE	Recorded	13	Projectile	NNE to SSW	N/K	16-May, 21:19
SMM camera in Chermalyk (government- controlled, 77km S of Donetsk)	3-5km SSE	Recorded	4	Projectile	NNE to SSW	N/K	16-May, 21:21
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	16-May, 21:48
	2-3km SSW	Recorded	6	Projectile	E to W (also recorded by the SMM camera in Avdiivka)	N/K	16-May, 22:24
	2-3km SSW	Recorded	7	Projectile	E to W (also recorded by the SMM camera in Avdiivka)	N/K	16-May, 22:26
	2-3km SSW	Recorded	3	Projectile	E to W	N/K	16-May, 22:26
	2-3km SSW	Recorded	1	Projectile	N to S (also recorded by the SMM camera in Avdiivka)	N/K	16-May, 22:26
	2-3km SSW	Recorded	29	Projectile	In vertical flight, also recorded by the SMM camera in Avdiivka	N/K	16-May, 22:35
	2-4km S	Recorded	1	Projectile	NW to SE (also recorded by the SMM camera in Avdiivka)	N/K	16-May, 23:16
	2-4km S	Recorded	1	Projectile	NW to SE (also recorded by the SMM camera in Avdiivka)	N/K	16-May, 23:32
	2-4km S	Recorded	1	Projectile	W to E (also recorded by the SMM camera in Avdiivka)	N/K	17-May, 00:48
SMM camera 1.5km NE of Hnutove (government- controlled, 90km	3-5km ESE	Recorded	8	Projectile	WSW to ENE	N/K	16-May, 21:02
	3-5km ESE	Recorded	4	Projectile	WSW to ENE	N/K	16-May, 21:06
	3-5km ESE	Recorded	7	Projectile	WSW to ENE	N/K	16-May, 21:07
	2-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	16-May, 21:15
	2-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	16-May, 21:16

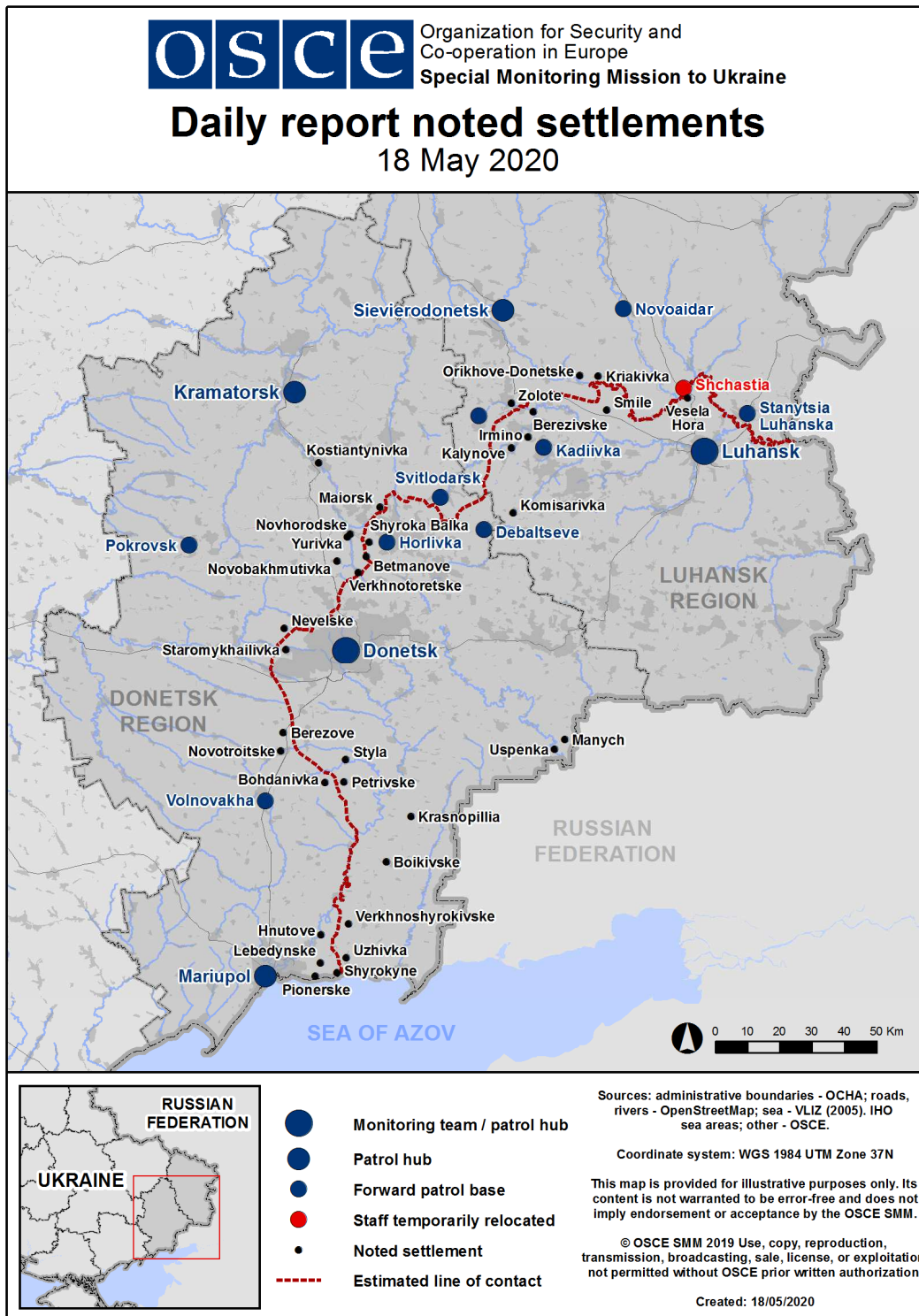
S of Donetsk)	2-4km ESE	Recorded	8	Projectile	In vertical flight	N/K	16-May, 21:41
	2-4km ESE	Recorded	1	Projectile	In vertical flight	N/K	16-May, 21:49
	5-7km SE	Recorded	2	Projectile	NW to SE	N/K	16-May, 21:58
	5-7km ESE	Recorded	8	Projectile	SW to NE	N/K	16-May, 21:58
	5-7km SE	Recorded	1	Projectile	NNW to SSE	N/K	16-May, 22:21
	2-5km ESE	Recorded	9	Projectile	SW to NE	N/K	17-May, 02:24
	2-5km ESE	Recorded	7	Projectile	SW to NE	N/K	17-May, 03:25
	2-5km ESE	Recorded	1	Projectile	SW to NE	N/K	17-May, 03:26
SMM camera 1km SW of Shyrokyne (government- controlled, 100km S of Donetsk)	3-5km N	Recorded	2	Projectile	W to E	N/K	16-May, 21:13
	3-5km N	Recorded	4	Projectile	In vertical flight	N/K	16-May, 21:13
	3-5km N	Recorded	2	Projectile	W to E	N/K	16-May, 21:14
	5-7km N	Recorded	15	Projectile	W to E	N/K	16-May, 22:35
	5-7km NE	Recorded	2	Projectile	In vertical flight	N/K	16-May, 22:35
	5-7km NNW	Recorded	16	Projectile	In vertical flight	N/K	16-May, 22:35
	5-7km NNE	Recorded	1	Burst	In vertical flight	N/K	16-May, 22:36
	5-7km NNW	Recorded	13	Projectile	In vertical flight	N/K	16-May, 22:36
	5-7km N	Recorded	15	Burst	In vertical flight	N/K	16-May, 22:36
	5-7km NE	Recorded	1	Projectile	In vertical flight	N/K	16-May, 22:37
	3-5km N	Recorded	3	Projectile	E to W	N/K	17-May, 01:43
	2-5km N	Recorded	1	Projectile	W to E	N/K	17-May, 02:36
	2-5km N	Recorded	1	Explosion	Impact, subsequent to the previous event	N/K	17-May, 02:36
	2-5km N	Recorded	8	Projectile	W to E	N/K	17-May, 02:40
	2-5km N	Recorded	3	Projectile	E to W	N/K	17-May, 02:40
	2-5km N	Recorded	1	Projectile	ESE to WNW	N/K	17-May, 02:40
	2-5km N	Recorded	1	Projectile	E to W	N/K	17-May, 02:52
	2-5km N	Recorded	2	Projectile	E to W	N/K	17-May, 02:54
	2-5km N	Recorded	2	Projectile	E to W	N/K	17-May, 02:55
	2-5km N	Recorded	2	Projectile	W to E	N/K	17-May, 03:01
2-5km N	Recorded	3	Projectile	W to E	N/K	17-May, 03:19	
About 1km NW of the railway station in Yasynuvata (non- government- controlled, 16km NE of Donetsk)	2-4km SW	Heard	1	Explosion	Undetermined	N/K	17-May, 09:05
	1-2km WNW	Heard	7	Shot		Small arms	17-May, 09:25
	1-2km WNW	Heard	9	Shot		Small arms	17-May, 09:28-09:33
	2-3km SW	Heard	56	Shot		Small arms	17-May, 09:28-09:33
	2-3km SW	Heard	15	Burst		Small arms	17-May, 09:28-09:33
Railway station in Donetsk city (non-government- controlled, 6km NW of Donetsk city centre)	1-2km W	Heard	10	Shot		Small arms	17-May, 13:14
Vesele (non- government- controlled, 9km NW of Donetsk)	1-2km NW	Heard	24	Shot		Small arms	17-May, 10:45-10:48

About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	1-2km S	Heard	10	Shot	Assessed as outside the disengagement area	Small arms	17-May, 10:00-10:30
	1-2km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	17-May, 10:00
About 2.5km NW of Styla (non-government-controlled, 34km S of Donetsk)	1.5-2.3km SSW	Heard	24	Shot		Small arms	17-May, 10:20
Panteleimonivka (non-government-controlled, 26km NE of Donetsk)	5-6km SW	Heard	8	Explosion	Undetermined	N/K	17-May, 10:19-10:30
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km S	Heard	1	Explosion	Undetermined	N/K	17-May, 10:45
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SW	Recorded	2	Projectile	In vertical flight	N/K	16-May, 22:34
	2-4km SW	Recorded	5	Projectile	In vertical flight	N/K	16-May, 22:35
	2-4km SW	Recorded	7	Projectile	In vertical flight	N/K	16-May, 22:36
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1-3km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-May, 22:32
	1-3km E	Recorded	3	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-May, 22:34
	1-3km ENE	Recorded	2	Projectile	In vertical flight, assessed as outside the disengagement area	N/K	16-May, 22:34
	1-3km ENE	Recorded	11	Projectile	In vertical flight, assessed as outside the disengagement area	N/K	16-May, 22:35
	1-3km ENE	Recorded	1	Projectile	In vertical flight, assessed as outside the disengagement area	N/K	16-May, 22:36
	1-3km E	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-May, 22:36

	1-3km ENE	Recorded	4	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-May, 23:52
	1-3km E	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	17-May, 00:29
	1-3km E	Recorded	1	Projectile	NNW to SSE (subsequent to the previous event, assessed as outside the disengagement area)	N/K	17-May, 00:29
	1-3km E	Recorded	1	Explosion	Impact, subsequent to the previous event, assessed as outside the disengagement area	N/K	17-May, 00:29
W edge of Orikhove-Donetske (government-controlled, 44km NW of Luhansk)	3-5km SSE	Heard	33	Explosion	Undetermined	N/K	17-May, 10:56-11:03
3km N of Stepove (non-government-controlled, 27km W of Luhansk)	3km W	Heard	1	Shot		Small arms	17-May, 11:52
2km SE of Komisariivka (non-government-controlled, 60km W of Luhansk)	1-2km W	Heard	8	Burst		Small arms	17-May, 12:09
3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	3-5km W	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	17-May, 12:11-12:25
	6-9km NE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	17-May, 12:11-12:25
	3-5km SW	Heard	15	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	17-May, 13:07-13:25
	3-5km SW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	17-May, 13:37-13:55

	3-5km SW	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	17-May, 13:52-14:00
	4-6km NE	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	17-May, 13:52-14:00
E edge of Smile (non-government-controlled, 31km NW of Luhansk)	2-3km NW	Heard	10	Explosion	Undetermined	N/K	17-May, 12:38-12:50
	2-3km NW	Heard	16	Burst		Cannon (30mm)	17-May, 12:38-12:50
	2-3km NW	Heard	76	Shot		Small arms	17-May, 12:38-12:50

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).