

Daily Report 278/2021

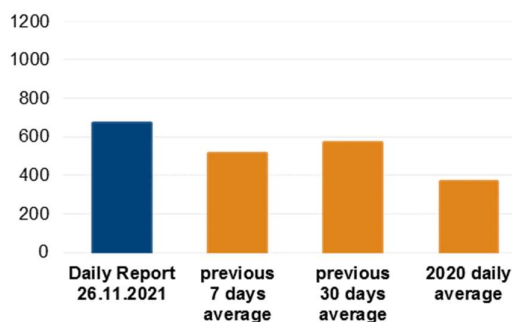
26 November 2021¹

Summary

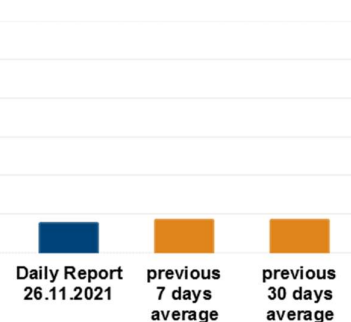
- In Donetsk region, the SMM recorded 609 ceasefire violations, including 108 explosions. In the previous reporting period, it recorded 813 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 60 ceasefire violations, including 39 explosions. In the previous reporting period, it recorded 35 ceasefire violations in the region.
- Members of the armed formations denied the SMM passage across the contact line near Zolote, Stanytsia Luhanska, and Molodizhne.*
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations inside the area near Petrivske and spotted people inside the areas near Zolote and Petrivske.
- The SMM facilitated the operation and maintenance of critical civilian infrastructure.
- The Mission continued following up on the situation of civilians, including at four entry-exit checkpoints (EECP) and four corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.
- The Mission observed two convoys of trucks with Russian Federation licence plates in non-government-controlled areas in Luhansk and Donetsk regions
- The SMM saw a convoy of an international organization crossing to non-government-controlled areas near Shchastia.
- The SMM monitored the security situation in east and south-east Kherson region.
- The Mission’s freedom of movement continued to be restricted, including at three checkpoints of the armed formations in Donetsk region, and at a checkpoint of the armed formations and a border crossing point outside government control near Izvaryne, both in Luhansk region. Its unmanned aerial vehicles again experienced multiple instances of probable jamming and jamming.*

Ceasefire violations²

Number of recorded ceasefire violations³



Number of recorded explosions⁴



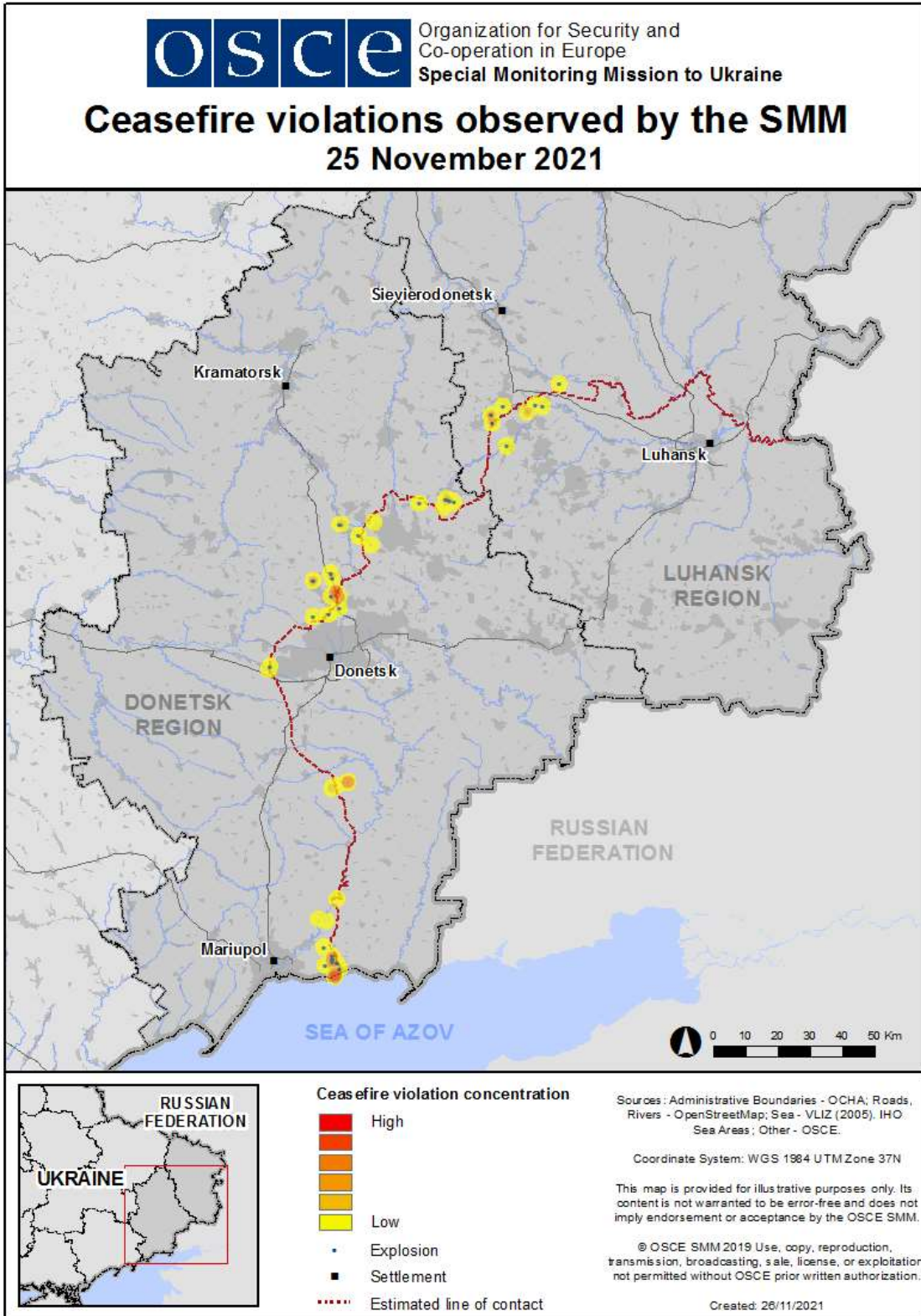
¹ Based on information from the Monitoring Teams as of 19:30, 25 November 2021. All times are in Eastern European Time.

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



In Donetsk region, the SMM recorded 609 ceasefire violations, including 108 explosions (one airburst and 107 undetermined). The majority of ceasefire violations occurred in areas east of Berdianske (government-controlled, 102km south of Donetsk) and east of Avdiivka (government-controlled, 17km north of Donetsk). In the [previous reporting period](#), the Mission recorded 813 ceasefire violations in the region, some of which also occurred in areas near Avdiivka.

In Luhansk region, the SMM recorded 60 ceasefire violations, including 39 undetermined explosions, the majority of which occurred in areas east and west of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below). In the [previous reporting period](#), the Mission recorded 35 ceasefire violations in the region, the majority of which also occurred in areas close to the disengagement area near Zolote.

Following agreement reached at the meeting of the Trilateral Contact Group on 22 July 2020 regarding Measures to strengthen the ceasefire, from 00:01 on 27 July 2020 until the end of the reporting period, the SMM has recorded at least 85,337 ceasefire violations in both Donetsk and Luhansk regions (including 23,674 explosions, 20,513 projectiles in flight, 393 muzzle flashes, 362 illumination flares and at least 40,395 bursts and shots).

Members of the armed formations in Luhansk region denied the SMM passage, twice near Zolote, and once near Stanytsia Luhanska, and Molodizhne

At 09:38 on 25 November, an SMM patrol arrived from non-government-controlled areas at a checkpoint of the armed formations near the southern edge of the disengagement area near Zolote (government-controlled, 60km west of Luhansk), to travel to government-controlled areas. A member of the armed formations (wearing an armband with “JCCC” written on it) denied the Mission passage, citing “orders from his superiors”.

At 10:10, a second SMM patrol approached the checkpoint of the armed formations south of the Stanytsia Luhanska bridge (15km north-east of Luhansk) to travel towards government-controlled areas on foot. A member of the armed formations denied the Mission passage, citing “orders from his superiors”.

At 11:15, a third SMM patrol arrived at a checkpoint on road T-0504 about 1.5km south-west of Molodizhne (non-government-controlled, 63km north-west of Luhansk), to travel towards government-controlled areas. Two members of the armed formations denied the Mission passage, citing “orders from their superiors”.

At 15:00 on 25 November, an SMM patrol arrived from government-controlled areas at about 350m north of the southern edge of the disengagement area near Zolote to travel to non-government-controlled areas. Two members of the armed formations (wearing armbands with “JCCC” written on them) denied the Mission passage, citing “orders from their superiors”. (See SMM Spot Reports [29/2021](#) and [30/2021](#)).*

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

Inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the Mission saw three members of the armed formations (wearing armbands with “JCCC” written on them) south of the repaired span of the Stanytsia Luhanska bridge (15km north-east of Luhansk).

During the day on 24 November, inside **the disengagement area near Zolote**, an SMM long-range unmanned aerial vehicle (UAV) spotted two people inside former positions of the Ukrainian Armed Forces, about 640m and about 1km west, respectively, of the area’s north-eastern corner. The same UAV also spotted one person inside former positions of the armed formations about 1.5km north of the area’s south-eastern corner.

During the reporting period, SMM patrols heard 27 undetermined explosions and 21 shots and bursts of small-arms fire assessed as outside the disengagement area but within 5km of its periphery.

While positioned inside the area, about 1km south of its northern edge, the Mission again saw a metal box on the western edge of road T-1316 about 130m south-south-east of the railway bridge. About 450m north of the area’s southern edge, the SMM also again observed a wooden crate and two metal boxes placed on the same road. All these boxes were assessed as ammunition boxes. About 570m north of the area’s southern edge, the SMM again saw one anti-personnel mine (MON-50, without fuse) on the western edge of road T-1316, assessed as belonging to the armed formations. (For previous observations in the area, see [SMM Daily Report of 24 November 2021](#).)

Near the checkpoint of the armed formations south of the disengagement area near Zolote, the SMM saw four members of the armed formations (wearing armbands with “JCCC” written on them). The Mission again saw the seven previously observed containers located south of the area’s southern edge and inside the disengagement area. It saw that the previously reported road barriers across road T-1316, on the area’s southern edge, continued to be closed.

On 25 November, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming while flying over the disengagement area.*

During the day on 24 November, inside **the disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM long-range UAV spotted one person inside former positions of the Ukrainian Armed Forces about 150m north of the area’s southern edge and about 1.5km east of its south-western corner.

During the reporting period, the SMM camera 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded one projectile in flight, assessed as inside the disengagement area near Petrivske. During the same period, SMM patrols heard 72 bursts and shots of small-arms fire assessed as outside the area but within 5km of its periphery.

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

Weapons storage sites

At two permanent storage sites in government-controlled areas of Donetsk region

24 November

The SMM noted that five mortars (M120-15 *Molot*, 120mm) were missing, compared with previous visits on 27 July 2021.

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.

In violation of withdrawal lines, the Mission saw two howitzers at a compound near a residential area in a non-government-controlled area of Luhansk region.

Beyond withdrawal lines but outside designated storage sites, the Mission saw eight howitzers and two probable tanks in government-controlled areas of Donetsk region, and 30 tanks in a training area near Ternove (non-government-controlled, 57km east of Donetsk). (For further information, see the tables below.)

Indications of military and military-type presence in the security zone

On 24 November, on the north-eastern edge of Hranitne (government-controlled, 60km south of Donetsk), an SMM mini-UAV [again](#) spotted a previously reported pontoon bridge across the river Kalmius. About 200m south-south-west of the aforementioned bridge, also on the north-eastern edge of Hranitne, the same UAV [again](#) spotted concrete plates placed under water across the width of the river.

On 25 November, while positioned on the southern outskirts of Orlivske (government-controlled, 82km south of Donetsk), the Mission also saw a jet plane approaching from the east, then flying away to the north.

On the same day, on road T-1315, about 2.9km south-south-east of Zymohiria (non-government-controlled, 27km west of Luhansk), the SMM observed a kite, which was attached to the ground with a cable, flying over a field and an object attached to it. The SMM observed a member of the armed formations standing nearby.

The SMM also observed ten armoured combat vehicles in government-controlled areas of Donetsk and Luhansk regions, including near a residential area and at a compound, and one armoured combat vehicle near a residential area in a non-government-controlled area of Luhansk region. (For further information, see the table below.)

Presence of anti-tank mines near Horlivka and craters near Hranitne, Donetsk region

On 23 November, on the north-western outskirts of Horlivka (non-government-controlled, 39km north-east of Donetsk), an SMM mini-UAV spotted 30 anti-tank mines (not previously reported) laid in a field, assessed as not recently laid. About 1.5km further east, the same UAV [again](#) spotted six previously reported anti-tank mines laid across a local road leading to Maiorsk (government-controlled, 45km north-east of Donetsk). All of the aforementioned mines were assessed as belonging to the armed formations.

On 24 November, about 1.5km north-west of Hranitne (government-controlled, 60km south of Donetsk), in a field on the eastern side of a local road leading to Starohnativka (government-controlled, 51km south of Donetsk), an SMM mini-UAV spotted four recent craters, assessed as impacts of probable 120mm mortar rounds (not seen in imagery from 5 August 2020).

SMM facilitation of the operation and maintenance of critical civilian infrastructure

The Mission continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) (DFS). While positioned at two locations near the DFS, the SMM heard 12 undetermined explosions, assessed as within a 5km radius of the DFS.

The Mission also monitored the security situation close to the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk) and enabled maintenance of a phenol sludge reservoir near Nelipivka (government-controlled, 40km north of Donetsk). While positioned about 2.1km west-south-west of Zalizne (formerly Artemove, government-controlled, 42km north-east of Donetsk), the SMM heard seven undetermined explosions, assessed as within a 5km radius of the phenol sludge reservoir.

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, the Mission observed that the entry-exit checkpoint (EECP) near Marinka (government-controlled, 23km south-west of Donetsk) was open and that the corresponding checkpoint of the armed formations near Kreminets (non-government-controlled, 16km south-west of Donetsk) was closed.

In Luhansk region, the SMM observed that the EECP near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the Stanytsia Luhanska bridge were open, with people queuing to travel in both directions.

The SMM noted that the EECPs near Zolote and Shchastia (government-controlled, 20km north of Luhansk) were open, but that the corresponding checkpoints of the armed formations south of the disengagement area near Zolote and 3km south-east of the bridge in Shchastia were closed.

Along road T-1316, between the EECP near Zolote and the following intersection, on both sides of the road, the Mission observed continuing ground works involving about 20 workers, some of whom were operating machinery, including digging holes and placing poles in the ground, assessed as building a fence. (For previous observations in the area, see [SMM Daily Report of 25 November 2021](#).)

While positioned at the EECP near Shchastia, the Mission observed 18 trucks, seven of which were bearing the logo of an international humanitarian organisation, waiting to travel towards non-government-controlled areas. At the corresponding checkpoint of the armed formations the SMM observed ten trucks, assessed as part of the same humanitarian convoy, entering non-government-controlled areas.

Border areas outside government control⁶

While at a border crossing point near Marynivka (78km east of Donetsk), for about 45 minutes, the SMM observed 14 cars (including 12 with “DPR” plates and one with “LPR” plates), four covered cargo trucks (with “DPR” plates), four buses (with “DPR” plates, carrying passengers of mixed genders and ages), and 39 people (17 women and 13 men, mixed ages, and nine children) entering Ukraine and 24 cars (including 22 with “DPR” plates and one with “LPR” plates), one covered cargo truck (with “DPR” plates) and two men (in their forties) exiting Ukraine.

While at a border crossing point near Izvaryne (52km south-east of Luhansk), the SMM observed eight cars, one bus (with “LPR” plates, carrying passengers of mixed genders and ages), and nine people (five women, four men, mixed ages) entering Ukraine as well as 22 cars (including nine with “LPR” plates) and 20 people (mixed genders and ages) exiting Ukraine. After seven minutes, a member of the armed formations told the Mission to leave the area.*

While at a pedestrian border crossing point near Verkhnoharasymivka (57km south-east of Luhansk), for about 45 minutes, the SMM observed 15 people (eight men, four women, mixed ages, and three children) exiting Ukraine.

The SMM monitored areas close to the border with the Russian Federation in Dibrivka (93km east of Donetsk), Snizhne (72km east of Donetsk), Rozsypne (80km east of Donetsk), Amvrosiivka (56km south-east of Donetsk) and Zalisne (75km east of Donetsk).

Convoys of trucks with Russian Federation licence plates in non-government-controlled areas of Donetsk and Luhansk regions

In non-government-controlled Donetsk city’s Budonivskyi district, the SMM observed a convoy of ten trucks (with Russian Federation licence plates) bearing the inscription “Humanitarian aid from the Russian Federation” in Russian escorted by five cars (with “DPR” plates) entering a warehouse.

In non-government-controlled Luhansk city, the SMM observed a convoy of eight trucks (with Russian Federation licence plates), one of which bearing the inscription “Humanitarian aid from Russian Federation” in Russian, as well as one mini-bus, escorted by two cars.

Security situation in east and south-east Kherson region

From 19 to 22 November, the SMM monitored areas in east and south-east Kherson region at checkpoints near Kalanchak (70km south-east of Kherson), Chonhar (163km south-east of Kherson) and at State Border Guard Service of Ukraine post in Valok (193km south-east of Kherson). The Mission also visited areas along the coast of the Sea of Azov near Henichesk (176km east of Kherson), Stokopani (181km east of Kherson), Strilkove (193km south-east of Kherson), Ivanivka (109km south-east of Kherson), Prymorske (189km east of Kherson), Novohryhorivka (183km east of Kherson), Novyi Azov (190km east of Kherson), Novooleksiivka (162km east of Kherson), Novodmytrivka (153km east of Kherson), Vesnianska (155km east of Kherson), Novyi Trud (162km east of Kherson), Novotroitske

⁶ According to decisions in 2014 by the Cabinet of Ministers of Ukraine, operations are officially designated as suspended at these and other border crossing points located outside government control.

(154km east of Kherson) and Askaniia-Nova (98km east of Kherson). It also visited areas along the North Crimean Canal. While monitoring these areas, the Mission observed no change in the security situation.

The SMM continued monitoring in Lviv, Odessa, 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 Minsk agreements 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 below). 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.

Denials:

- At a checkpoint of the armed formations near the southern edge of the disengagement area near Zolote, two members of the armed formations denied the Mission passage north, citing “orders from his superiors” and “the SMM's safety”.
- At a checkpoint near Staromarivka (62km south of Donetsk), a visibly armed member of the armed formations denied the Mission passage west into the settlement citing “the SMM's safety”. While at the checkpoint, the Mission observed civilian traffic passing through.
- At a checkpoint near Starolaspa (non-government-controlled, 51km south of Donetsk), two visibly armed members of the armed formations denied the SMM passage south-west into the settlement, citing “ongoing operations” in the area. While at the checkpoint, the Mission observed civilian traffic passing through.
- At a checkpoint near Shevchenko (non-government-controlled, 69km south of Donetsk), two visibly armed members of the armed formations denied the Mission passage south-west into the settlement.
- At a border crossing point near Izvaryne (non-government-controlled, 52km south-east of Luhansk), a member of the armed formations told the SMM to leave the area, citing “orders from his superior”.

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:⁷

- While conducting a test flight, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas between government-controlled Andriivka (79km north-west of Donetsk) and Bila Hora (54km north of Donetsk). The same UAV experienced GPS signal interference, assessed as caused by jamming, while flying over areas between Bila Hora and Pryvillia (government-controlled 85km north of Donetsk).
- An SMM mid-range UAV experienced GPS signal interference, assessed as caused by probable jamming, during one flight over areas near Shyrokyne (government-controlled, 100km south of Donetsk).
- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during eight flights: twice each while flying over areas near Vidrodzhennia (government-controlled, 66km north-east of Donetsk), Vrubivka (government-controlled, 72km west of Luhansk), and Popasna (government-controlled, 69km west of Luhansk), and once each while flying over areas near Roty (government-controlled, 66km north-east of Donetsk), and over the southern edge of the disengagement area near Zolote (government-controlled, 60km west of Luhansk).

⁷ For cases of probable jamming and jamming mentioned in this section, the interference could have originated from anywhere within the radius of tens of kilometres from the UAVs' positions.

Table of weapons

Weapons in violation of withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
24/11/2021	2	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	At a compound near a residential area of Komisarivka (60km west of Luhansk)	Mini-UAV

Weapons beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
24/11/2021	2	Towed howitzer (2A36 <i>Giatsint-B</i> , 152mm)	Near Myroliubivka (46km north-west of Donetsk)	Long-range UAV
	2	Probable tank (type undetermined)	Near Memryk (33km north-west of Donetsk)	
25/11/2021	6	Towed howitzer (2A36 <i>Giatsint-B</i> , 152mm)	Near Khibodarivka (65km south-west of Donetsk)	Patrol
Non-government-controlled areas				
24/11/2021	30	Tank (type undetermined)	In a training area near Ternove (57km east of Donetsk)	Long-range UAV

Table of military and military-type presence in the security zone⁸

Date	No.	Type	Location	Source of observation
Government-controlled areas				
24/11/2021	2	Armoured combat vehicle (type undetermined)	Near Novohryhorivka (55km south of Donetsk)	Mini-UAV
24/11/2021	1	Probable armoured combat vehicle (type undetermined)	Near Novozvanivka (70km west of Luhansk)	Long-range UAV
	3	Infantry fighting vehicle (BMP-1)	Near Bila Hora (54km north of Donetsk)	
	3	Armoured combat vehicle (type undetermined)	At a compound near Pionerske (101km south of Donetsk)	Mini-UAV
25/11/2021	1	Armoured recovery vehicle (BREM-1)	Near a residential area of Orlivske (82km south of Donetsk)	Patrol
Non-government-controlled areas				
25/11/2021	1	Armoured personnel carrier (MT-LB)	Near a residential area of Zymohiria (27km west of Luhansk)	Patrol

⁸ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

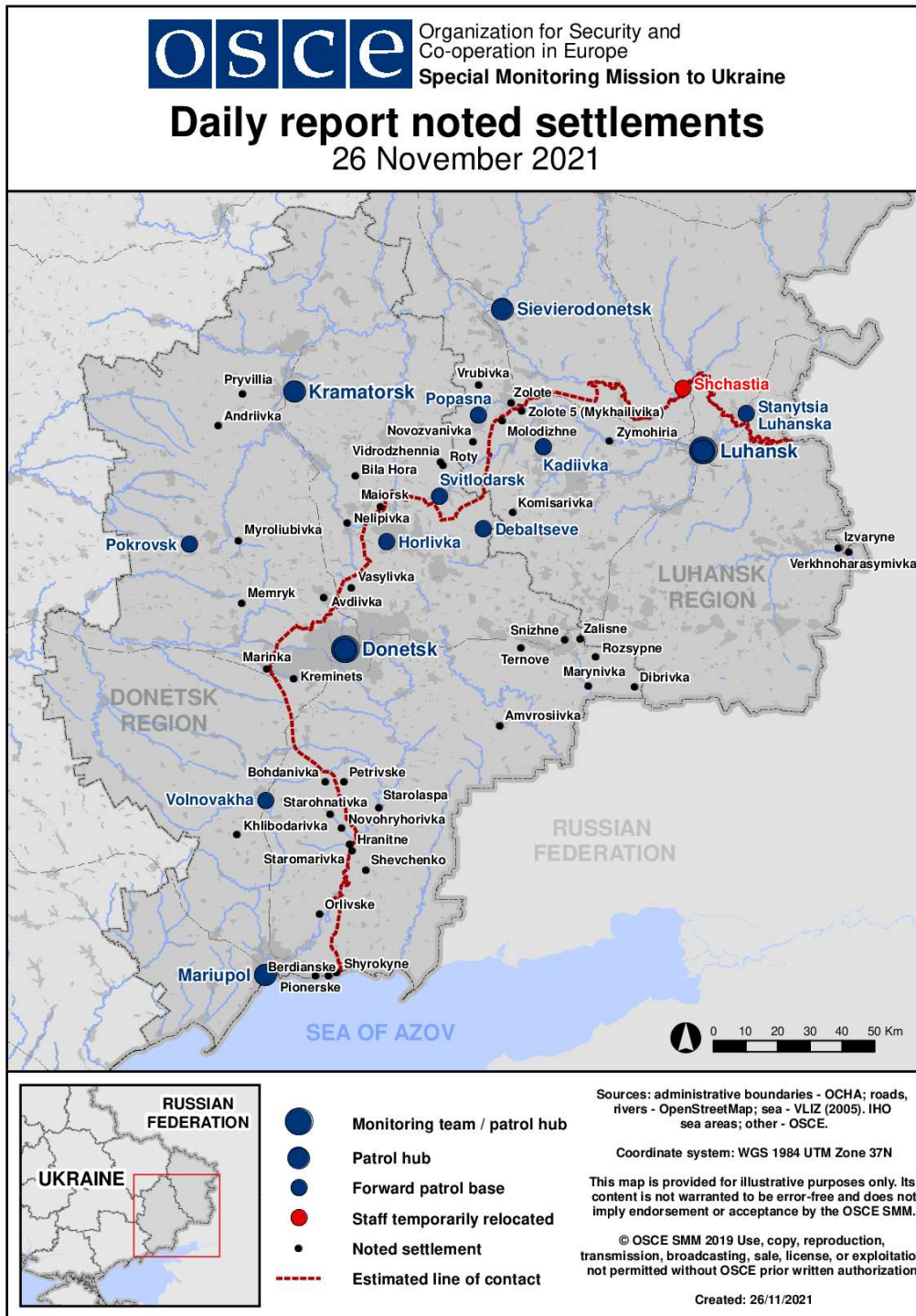
Table of ceasefire violations as of 25 November 2021⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ENE	Recorded	3	Projectile	In vertical flight	N/K	25-Nov, 04:35
	3-5km ENE	Recorded	2	Projectile	WNW to ESE	N/K	25-Nov, 04:36
	3-5km ENE	Recorded	2	Projectile	WNW to ESE	N/K	25-Nov, 04:37
	3-5km ENE	Recorded	11	Projectile	SSW to NNE	N/K	25-Nov, 04:46
	4-6km NE	Recorded	9	Projectile	In vertical flight	N/K	25-Nov, 16:32
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	25-Nov, 16:49
	4-6km ENE	Recorded	17	Projectile	In vertical flight	N/K	25-Nov, 16:53
	4-6km ENE	Recorded	5	Projectile	WSW to ENE	N/K	25-Nov, 16:54
	4-6km NE	Recorded	13	Projectile	In vertical flight	N/K	25-Nov, 16:56
	4-6km NE	Recorded	21	Projectile	In vertical flight	N/K	25-Nov, 16:57
	4-6km NE	Recorded	25	Projectile	In vertical flight	N/K	25-Nov, 16:58
	4-6km ENE	Recorded	2	Projectile	In vertical flight	N/K	25-Nov, 16:58
	4-6km ENE	Recorded	11	Projectile	In vertical flight	N/K	25-Nov, 16:59
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-4km ESE	Recorded	1	Projectile	N to S (assessed as inside the disengagement area near Petrivske)	N/K	24-Nov, 20:34
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	1-2km SE	Recorded	2	Projectile	WNW to ESE	N/K	25-Nov, 04:25
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-3km NNE	Recorded	1	Projectile	ESE to WNW	N/K	25-Nov, 17:38
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	25-Nov, 17:59
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-4km N	Recorded	1	Projectile	SW to NE	N/K	24-Nov, 19:05
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	24-Nov, 19:12
	4-6km N	Recorded	2	Illumination flare	In vertical flight	N/K	24-Nov, 19:29
	5-7km N	Recorded	3	Projectile	SW to NE	N/K	24-Nov, 19:32
	5-7km N	Recorded	10	Projectile	SW to NE	N/K	24-Nov, 19:33
	3-5km N	Recorded	1	Projectile	ESE to WNW	N/K	24-Nov, 19:36
	3-5km N	Recorded	2	Projectile	ESE to WNW	N/K	24-Nov, 19:37
	4-6km N	Recorded	1	Projectile	W to E	N/K	24-Nov, 20:09
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	24-Nov, 21:12
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	24-Nov, 21:14
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	24-Nov, 21:15
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	24-Nov, 21:16
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	24-Nov, 21:16
	4-6km N	Recorded	5	Projectile	WSW to ENE	N/K	24-Nov, 21:22
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	24-Nov, 21:22
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	24-Nov, 21:23
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	24-Nov, 21:29
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	24-Nov, 21:39
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	24-Nov, 21:40
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	24-Nov, 21:40
	4-6km N	Recorded	6	Projectile	SW to NE	N/K	24-Nov, 21:53
	4-6km N	Recorded	1	Projectile	W to E	N/K	24-Nov, 21:58
	4-6km N	Recorded	4	Projectile	E to W	N/K	24-Nov, 23:31
4-6km N	Recorded	1	Projectile	ESE to WNW	N/K	24-Nov, 23:46	
4-6km N	Recorded	2	Projectile	ESE to WNW	N/K	25-Nov, 02:03	
5-7km N	Recorded	1	Explosion	Airburst	N/K	25-Nov, 16:24	
2-4km N	Recorded	7	Projectile	SE to NW	N/K	25-Nov, 18:18	
5-7km N	Recorded	1	Explosion	Undetermined	N/K	25-Nov, 18:18	
2-4km N	Recorded	2	Projectile	SW to NE	N/K	25-Nov, 18:26	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SSE	Recorded	6	Projectile	NE to SW	N/K	24-Nov, 21:17

⁹ The table only includes ceasefire violations directly observed by 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 position	Event location	Means	No.	Observation	Description	Weapon	Date, time
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km ESE	Heard	3	Explosion	Undetermined	N/K	25-Nov, 00:06-00:08
	2-3km ESE	Heard	3	Burst	Undetermined	HMG	25-Nov, 00:08
	4-6km ESE	Heard	2	Explosion	Undetermined	N/K	25-Nov, 00:12
	2-3km ESE	Heard	2	Burst	Undetermined	HMG	25-Nov, 00:15
	2-3km ESE	Heard	2	Explosion	Undetermined	N/K	25-Nov, 04:37
	3-4km ESE	Heard	4	Explosion	Undetermined	N/K	25-Nov, 04:41
	2-3km ESE	Heard	2	Explosion	Undetermined	N/K	25-Nov, 04:45
About 2km WSW of Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	4-5km WSW	Heard	7	Explosion	Undetermined	N/K	25-Nov, 10:29-10:31
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km S	Heard	6	Explosion	Undetermined	N/K	25-Nov, 09:51-09:53
About 1km SW of Novoluhanske (government-controlled, 53km NE of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	25-Nov, 09:55
E edge of Avdiivka (government-controlled, 17km N of Donetsk)	6-8km NW	Heard	10	Explosion	Undetermined	N/K	25-Nov, 10:29
	6-8km NW	Heard	9	Explosion	Undetermined	N/K	25-Nov, 12:09
About 1km NW of Verkhnotoretske (government-controlled, 23km NE of Donetsk)	6-8km WSW	Heard	7	Explosion	Undetermined	N/K	25-Nov, 11:24-11:25
About 500m ESE of Pivdenne (formerly Leninske, government-controlled, 40km NE of Donetsk)	7-9km WSW	Heard	5	Explosion	Undetermined	N/K	25-Nov, 11:23
About 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	2-3km SSE	Heard	3	Burst	Assessed as outside the disengagement area near Petrivske	Small arms	25-Nov, 09:56-10:05
	2-3km SSE	Heard	9	Shot	Assessed as outside the disengagement area near Petrivske	Small arms	25-Nov, 09:56-10:05
About 1km SW of Lebedynske (government-controlled, 99km S of Donetsk)	2-3km E	Heard	4	Explosion	Undetermined	N/K	25-Nov, 11:12
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	6-8km S	Heard	2	Explosion	Undetermined	N/K	25-Nov, 11:16
	2-3km NW	Heard	5	Shot		Small arms	25-Nov, 11:17
Berdianske (government-controlled, 102km S of Donetsk)	2-3km E	Heard	63	Burst		Small arms	25-Nov, 11:34-11:45
	2-3km E	Heard	46	Shot		Small arms	25-Nov, 11:34-11:45
	2-3km E	Heard	84	Shot		Small arms	25-Nov, 11:45-12:00
About 2.5km SE of Lebedynske (government-controlled, 99km S of Donetsk)	4-6km E	Heard	9	Explosion	Undetermined	N/K	25-Nov, 12:49-13:00
Orlivske (government-controlled, 82km S of Donetsk)	3-3.5km ESE	Heard	3	Shot		Small arms	25-Nov, 13:10-13:15
	3-3.5km ESE	Heard	2	Burst		Small arms	25-Nov, 13:10-13:15
About 7.5km WNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	5-6km S	Heard	7	Shot		Small arms	25-Nov, 09:49
	3km W	Heard	6	Burst		Small arms	25-Nov, 12:34
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	6	Explosion	Undetermined	N/K	25-Nov, 09:42-09:50
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km SE	Heard	60	Shot	Assessed as outside the disengagement area near Petrivske	Small arms	25-Nov, 12:30-12:45
About 5km W of Horlivka (non-government-controlled, 39km NE of Donetsk)	5-6km W	Heard	4	Explosion	Undetermined	N/K	25-Nov, 11:38
	5-6km W	Heard	1	Shot		Small arms	25-Nov, 11:38
About 3km WSW of Donetsk central railway station (non-government-controlled, 6km NW of Donetsk)	5-6km N	Heard	2	Explosion	Undetermined	N/K	25-Nov, 11:23
About 2km W of Vasylivka (non-government-controlled, 20km N of Donetsk)	5-7km NW	Heard	7	Explosion	Undetermined	N/K	25-Nov, 10:27-10:30
About 1km NE of Dachne (non-government-controlled, 47km W of Luhansk)	6-8km W	Heard	5	Explosion	Undetermined	N/K	25-Nov, 11:15
	10-12km W	Heard	2	Explosion	Undetermined	N/K	25-Nov, 15:51
Kadiivka (formerly Stakhanov, non-government controlled, 50 km W of Luhansk)	11-14km N	Heard	4	Explosion	Undetermined	N/K	25-Nov, 15:45-15:50
	10-15km NE	Heard	1	Explosion	Undetermined	N/K	25-Nov, 10:05-10:12
About 300m SW of Berezivske (non-government controlled, 53km NW of Luhansk)	0.8-1km W	Heard	15	Burst	Assessed as outside the DA near Zolote.	Small arms	25-Nov, 10:12
	5-8km W	Heard	6	Burst	Assessed as outside the DA near Zolote.	Small arms	25-Nov, 14:45-15:20
About 700m N of Pervomaisk (non-government-controlled, 58 km W of Luhansk)	5-8km W	Heard	12	Explosion	Undetermined (Assessed as outside the DA near Zolote)	N/K	25-Nov, 14:45-15:20
	5-8km WSW	Heard	14	Explosion	Undetermined (Assessed as outside the DA near Zolote)	N/K	25-Nov, 14:45-15:20
	3-5km NW	Heard	1	Explosion	Undetermined (Assessed as outside the DA near Zolote)	N/K	25-Nov, 14:45-15:20

Map of Donetsk and Luhansk regions¹⁰



¹⁰ 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 have 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 also patrols in this settlement during daylight hours).