

Daily Report 284/2021

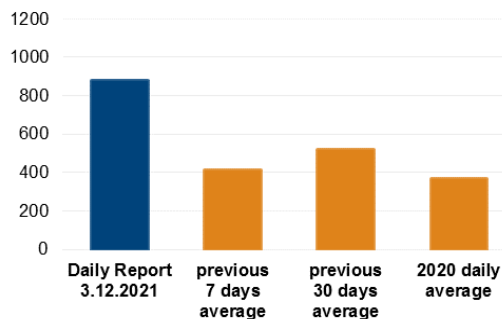
3 December 2021¹

Summary

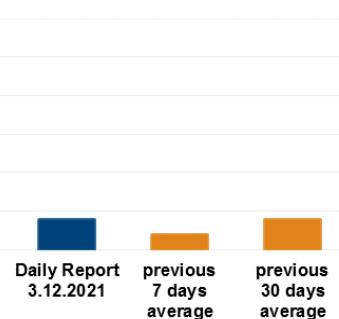
- In Donetsk region, the SMM recorded 809 ceasefire violations, including 146 explosions. In the previous reporting period, it recorded 159 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 69 ceasefire violations, including nine explosions, the majority of which were assessed as a live-fire training exercise outside the security zone. In the previous reporting period, it recorded 22 ceasefire violations in the region.
- Small-arms fire was assessed as directed at an SMM mini-unmanned aerial vehicle (UAV) on two occasions near non-government-controlled Shyroka Balka, Donetsk region.
- The Mission followed up on reports of recent damage to a working school and civilian properties in Zolote-5/Mykhailivka, Donetsk and Zolote-4/Rodina, Luhansk region.
- The SMM continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske.
- The Mission facilitated the operation and maintenance of critical civilian infrastructure.
- The SMM continued following up on the situation of civilians, including at four entry-exit checkpoints and four corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.
- The Mission visited a border crossing point outside government control in Donetsk region.
- The SMM monitored the security situation in east Kherson region.
- The Mission observed a gathering in Kyiv.
- The SMM's freedom of movement continued to be restricted, including at four checkpoints of the armed formations in southern Donetsk region and at a compound in government-controlled areas of Donetsk region. Its UAVs encountered instances of GPS signal interference, assessed as caused by 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, 2 December 2021. All times are in Eastern European Time.

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

³ Including explosions.

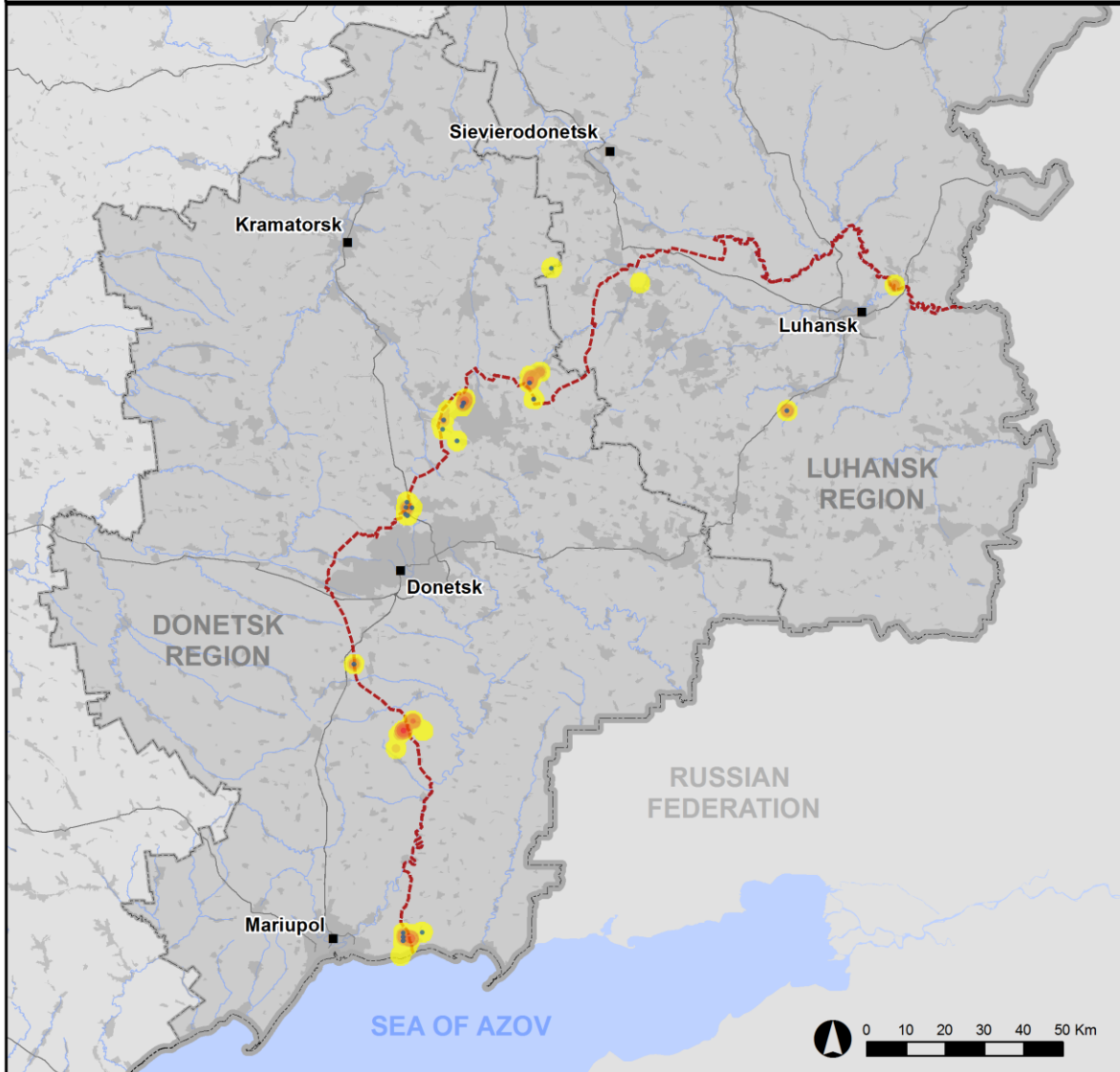
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

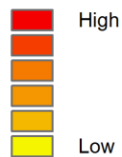


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 2 December 2021



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: 03/12/2021

In Donetsk region, the SMM recorded 809 ceasefire violations, including 146 explosions (four impacts and 142 undetermined). The majority of ceasefire violations occurred in areas south, south-east and north-east of the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk) (see below), and 256 of which were assessed as live-fire training exercises, in violation of the decision of the Trilateral Contact Group (TCG) of 3 March 2016 that prohibits the conduct of live-fire training in the security zone; north of Shyrokyne (government-controlled, 100km south of Donetsk; south-west, south, and east of Svitlodarsk (government-controlled, 57km north-east of Donetsk); and south-west, west, and north-north-west of Horlivka (non-government-controlled, 39km north-east of Donetsk). In the [previous reporting period](#), the Mission recorded 159 ceasefire violations in the region, the majority of which also occurred in areas south of the disengagement area near Petrivske, west and north-north-west of Horlivka and north of Shyrokyne.

In Luhansk region, the SMM recorded 69 ceasefire violations, including nine undetermined explosions. The majority of ceasefire violations occurred near a training area near Kruhlyk (non-government-controlled, 31km south-west of Luhansk), assessed as a live-fire training exercise outside the security zone, and in areas north-west of the disengagement area near Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk) (see below). In the [previous reporting period](#), the Mission recorded 22 ceasefire violations in the region.

Following agreement reached at the meeting of the TCG 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 88,433 ceasefire violations in both Donetsk and Luhansk regions (including 24,231 explosions, 21,064 projectiles in flight, 395 muzzle flashes, 377 illumination flares and at least 42,366 bursts and shots).

Small-arms fire assessed as directed at an SMM mini-UAV on two occasions near non-government-controlled Shyroka Balka, Donetsk region

On 2 December, while positioned about 4km north of Shyroka Balka (non-government-controlled, 34km north-east of Donetsk) to conduct an announced mini-UAV flight, the Mission heard seven bursts of small-arms fire at an assessed distance of 800m north-west, assessed as targeting the UAV.

Later on the same day, while positioned in Shyroka Balka to conduct an announced mini-UAV flight, the Mission heard three bursts of small-arms fire at an assessed distance of 2.3km west-north-west, also assessed as targeting the UAV.

In both cases, the SMM landed the UAV and left the area. Both UAVs also experienced GPS signal interference, assessed as caused by probable jamming.*

Damage to a working school and civilian properties in Zolote -5/Mykhailivka, Donetsk and Zolote-4/Rodina, Luhansk region

The SMM followed up on reports of damage to a working school and civilian properties in Zolote-5/Mykhailivka (non-government-controlled, 60km west of Luhansk), Donetsk (non-government-controlled, 49km west of Luhansk) and Zolote-4/Rodina (government-controlled, 62km west of Luhansk).

On 30 November, at a working school at 3 Voikova Street in the southern part of Zolote-5/Mykhailivka, the Mission observed a hole in a pane of a north-facing window on the first floor. Inside the building, opposite the aforementioned window, it observed an impact hole in a wall. The SMM also saw a hole in a pane of two north-west-facing windows. The SMM assessed all damage as recent and caused by small-arms fire.

On the same day, at 20 Osypenka Street, in the eastern part of Donetsk, the Mission observed multiple dents in the south-west-facing wall of an inhabited two-storey building. About 50m south-east, at 24 Osypenka Street, the SMM observed multiple dents in the north-west facing wall of an inhabited two-storey building. On the first floor, the Mission saw two holes in two panes of two different north-west-facing windows. On the second floor, it observed a hole in a pane of a north-west-facing window. The SMM assessed all damage seen as caused by shrapnel, though it was not able to assess when the damage took place.

On 1 December, at 18 Studentska Street, in Zolote-4/Rodina, in the yard of an inhabited one-storey house, the Mission observed a hole in the north-facing side of the roof of a garage. Inside the garage, the Mission saw a light utility vehicle with three holes in the right upper side of the vehicle's trunk and a broken tail light. On the floor next to the vehicle's back, it observed a metal fragment assessed as part of a mortar round. The SMM assessed all damage as fresh and caused by an 82mm mortar round.

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

Inside the **disengagement area near Stanytsia Luhanska**, 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).

An SMM patrol positioned on the eastern edge of Stanytsia Luhanska heard 24 shots of small-arms fire assessed as outside the disengagement area but within 5km of its periphery.

An SMM patrol positioned on the western edge of Holubivka (non-government-controlled, 51km west of Luhansk) heard six shots of small-arms fire assessed as outside the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk) but within 5km of its periphery.

Near the checkpoint of the armed formations south of the disengagement area, the SMM saw two 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.

SMM patrols heard 321 bursts and shots of small-arms and heavy-machine-gun fire assessed as outside the **disengagement area near Petrivske** but within 5km of its periphery.

Withdrawal of weapons

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

The Mission 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 SMM saw a mortar in a residential area in a non-government-controlled area of Donetsk region. In non-government-controlled areas of Luhansk region, it saw eight multiple launch rocket systems in a compound and at a training area near Miusynsk.

Beyond withdrawal lines but outside designated storage sites, the Mission saw 36 howitzers, 19 tanks, nine mortars and five surface-to-air missile systems in the abovementioned training area. (For further information, see the table below.)

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

The SMM observed nine armoured combat vehicles, including six at a compound in a residential area, in government-controlled areas of Donetsk region, as well as one anti-aircraft gun in a residential area in a non-government-controlled area of Donetsk region. (For further information, see the table below.)

On 2 December, while positioned about 2.6km south-east of Lebedynske (government-controlled, 99km south of Donetsk), the Mission saw one mini-van on the northern side of road M-14, and a 4m-high antenna set up nearby, assessed as part of a mid-range UAV operating system (a probable *Leleka-100* system).

SMM facilitation of the operation and maintenance of critical civilian infrastructure

The SMM continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) (DFS). While positioned at three locations near the DFS, the Mission heard 33 undetermined explosions and two shots of small-arms fire, assessed as within a 5km radius of the DFS.

The SMM 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).

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, the Mission observed that the entry-exit checkpoint (EECP) near Maiorsk (government-controlled, 45km north-east of Donetsk) was open and that the corresponding checkpoint of the armed formations near Horlivka (non-government-controlled, 39km north-east 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 queueing to travel in both directions.

The Mission 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.

Border areas outside government control⁶

While at a border crossing point near Marynivka (78km east of Donetsk), for about 70 minutes, the Mission saw eight cars (including six with “DPR” plates), six covered cargo trucks (including one with “DPR” plates), and 17 people (six women and 11 men, mixed ages) entering Ukraine. During the same time, the SMM saw ten cars (including six with “DPR” plates), five covered cargo trucks, one bus (with “DPR” plates, about 25 passengers of mixed genders and ages), and eight people (three women and three men, mixed ages, and two children) exiting Ukraine.

Security situation in east Kherson region

On 1 December, the Mission monitored areas in east Kherson region near Kakhovka (70 km east of Kherson), Chornianka (57km east of Kherson), Stara Maiachka (45km east of Kherson), Velyki Kopani (23km south-east of Kherson) and along the North Crimean Canal. It observed no change in the security situation.

The Mission observed a gathering in Kyiv

On 1 December, at Independence Square in Kyiv, the SMM observed about 3,000 people (mixed genders and ages) gathered on the occasion of the anniversary of Maidan events in 2013/2014 and the 1991 referendum for Ukraine’s independence. Later, the Mission saw that the majority of participants proceeded towards the Office of the President, the Verkhovna Rada building, and the Cabinet of Ministers’ building, before ending near the European Square. Throughout the march, the Mission saw flags of Ukraine and of *National Corps, Democratic Axe* and *European Solidarity* party, as well as banners displaying messages critical of the government. It also observed about 1,500 law enforcement officers along the protest route and a calm situation.

The SMM continued monitoring in Lviv, Odessa, Ivano-Frankivsk, Kharkiv, Dnipro, Chernivtsi.

***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 [SMM Daily Report of 30 November 2021](#)). The SMM’s operations in Donetsk and Luhansk regions remain restricted following

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.

the fatal incident of 23 April 2017 near Pryshyb; these restrictions continued to limit the Mission's observations.

Denials:

- At a checkpoint near Staromykhailivka (non-government-controlled, 15km west of Donetsk), two visibly armed members of the armed formations again denied the Mission passage west into the settlement. While at the checkpoint, the Mission observed civilian traffic passing through in both directions.
- At a checkpoint near Rybyske (government-controlled, 49km south of Donetsk), three soldiers of the Ukrainian Armed Forces denied the Mission access to a military compound.
- At a checkpoint near Khreshchatytske (formerly Krasnoarmiiske, non-government-controlled, 86km south of Donetsk), a visibly armed member of the armed formations again denied the Mission passage west towards Kulykove (non-government-controlled, 87km south of Donetsk), citing "ongoing engineering activities" 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 citing "security reasons".
- At a checkpoint near Nova Marivka (non-government-controlled, 64km south of Donetsk), two visibly armed members of the armed formations denied the SMM passage west towards Staromarivka (62km south of Donetsk) citing "security reasons".

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.

Delays:

- At the most forward checkpoint of the armed formations north-west of Horlivka, a visibly armed member of the armed formations allowed the SMM passage towards non-government-controlled areas only after a second attempt and 53 minutes of waiting. While at the checkpoint, the SMM heard ceasefire violations in the area.

Other impediments:⁷

- An SMM mini-UAV was assessed as targeted by small-arms fire on two separate flights over areas near Shyroka Balka (non-government-controlled, 34km north-east of Donetsk). During both flights, the mini-UAV also experienced GPS signal interference, assessed as caused by probable jamming. (See above.)
- 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 Andriivka (government-controlled, 79km north-west of Donetsk) and Rusyn Yar (government-controlled, 55km north-west of Donetsk). The same UAV experienced GPS

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.

signal interference, assessed as caused by jamming, while flying over areas between Rusyn Yar (government-controlled, 55km north-west of Donetsk) and Pryvillia (government-controlled, 85km north of Donetsk).

- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during ten flights: on three occasions while flying over areas near Horlivka (non-government-controlled, 39km north-east of Donetsk), on two occasions while flying over areas near Verkhnotoretske (government-controlled, 23km north-east of Donetsk) and once each while flying over areas near Shyroka Balka, Novoivanivka (government-controlled, 67km west of Luhansk), Orikhove (government-controlled, 57km north-west of Luhansk), Lyman (non-government-controlled, 12km north-west of Luhansk) and over the southern edge of the disengagement area near Zolote (60km west of Luhansk) (see above).

Table of weapons

Weapons in violation of withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
1/12/2021	2	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)	At a compound near Sadovyi (57km south-west of Luhansk)	Mini-UAV
	6		In a training area near Miusynsk (62km south-west of Luhansk)	
2/12/2021	1	Mortar (2B11 <i>Sani</i> , 120mm)	In a residential area of Staromykhailivka (15km west of Donetsk)	Patrol

Weapons beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
1/12/2021	19	Tank (18 T-72 and one T-64)	In a training area near Miusynsk (62km south-west of Luhansk), where imagery also revealed the presence of 31 armoured combat vehicles, one anti-aircraft gun and 300 people, assessed as members of armed formations ⁸	Mini-UAV
	30	Towed howitzer (16 D-30A <i>Lyagushka</i> , 122mm, ten 2A65 <i>Msta-B</i> , 152mm and four 2A36 <i>Giatsint-B</i> , 152mm)		
	6	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		
	5	Surface-to-air missile system (9K35 <i>Strela-10</i>)		
	9	Mortar (2B11 <i>Sani</i> , 120mm)		

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
1/12/2021	1	Armoured personnel carrier (BTR-70)	Near Novobakhmutivka (28km north of Donetsk)	Mini-UAV
2/12/2021	6	Infantry fighting vehicle (IFVs) (BMP-2)	At a compound near a residential area of Trudivske (47km south of Donetsk)	Patrol
	2	Armoured reconnaissance vehicle (BRDM-2)	Near Sopyne (101km south of Donetsk)	
Non-government-controlled areas				
2/12/2021	1	Anti-aircraft gun (ZU-23, 23mm)	In a residential area of Staromykhailivka (15km west of Donetsk)	Patrol

⁸ The armoured combat vehicles mentioned in this table are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

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 2 December 2021¹⁰

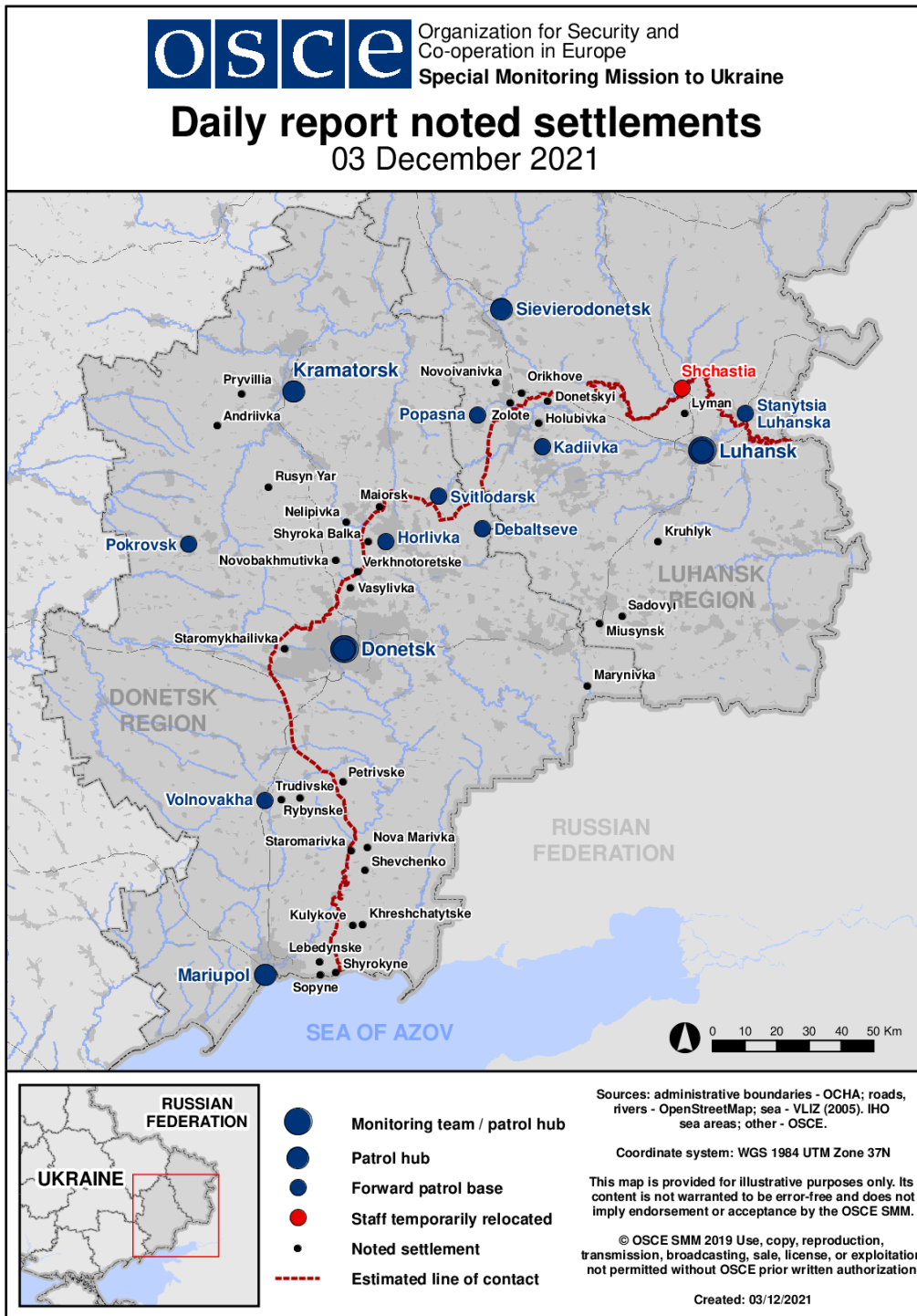
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	1-Dec, 23:08
	2-4km SE	Recorded	3	Projectile	WSW to ENE	N/K	1-Dec, 23:09
	2-4km SE	Recorded	3	Projectile	WSW to ENE	N/K	1-Dec, 23:09
	2-4km SE	Recorded	3	Explosion	Undetermined (subsequent to previous event)	N/K	1-Dec, 23:09
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Dec, 23:09
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	1-Dec, 23:10
	2-4km SE	Recorded	3	Projectile	WSW to ENE	N/K	1-Dec, 23:10
	2-4km SE	Recorded	3	Explosion	Impact (subsequent to previous event)	N/K	1-Dec, 23:10
	2-4km SE	Recorded	2	Explosion	Undetermined	N/K	1-Dec, 23:10
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Dec, 23:10
	2-4km SE	Recorded	3	Projectile	WSW to ENE	N/K	2-Dec, 00:01
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	2-Dec, 00:02
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	1-Dec, 20:23
	2-4km SSW	Recorded	1	Projectile	SE to NW	N/K	1-Dec, 21:23
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	1-Dec, 22:39
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	1-Dec, 22:53
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	5-7km N	Recorded	1	Muzzle flash		N/K	1-Dec, 18:47
	5-7km N	Recorded	1	Projectile	E to W (subsequent to previous event)	N/K	1-Dec, 18:47
	5-7km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	1-Dec, 18:47
	2-4km NNE	Recorded	1	Projectile	E to W	N/K	1-Dec, 18:56
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	1-Dec, 20:31
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	1-Dec, 20:33
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	1-Dec, 21:14
	3-5km NNE	Recorded	1	Projectile	ESE to WNW	N/K	1-Dec, 21:27
	3-5km N	Recorded	4	Projectile	E to W	N/K	1-Dec, 21:27
	4-6km N	Recorded	3	Projectile	E to W	N/K	1-Dec, 21:50
	4-6km N	Recorded	1	Projectile	W to E	N/K	1-Dec, 22:15
	4-6km N	Recorded	6	Projectile	WSW to ENE	N/K	1-Dec, 22:23
	3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	1-Dec, 22:40
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	1-Dec, 22:59
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	1-Dec, 23:14
	4-6km N	Recorded	3	Projectile	W to E	N/K	1-Dec, 23:14
	4-6km NNE	Recorded	9	Projectile	WSW to ENE	N/K	1-Dec, 23:56
	4-6km NNE	Recorded	32	Projectile	WSW to ENE	N/K	1-Dec, 23:57
	4-6km NNE	Recorded	2	Projectile	WSW to ENE	N/K	2-Dec, 00:06
	4-6km NNE	Recorded	4	Projectile	WSW to ENE	N/K	2-Dec, 00:21
	4-6km NNE	Recorded	2	Projectile	ESE to WNW	N/K	2-Dec, 00:21
	4-6km NNE	Recorded	7	Projectile	WSW to ENE	N/K	2-Dec, 00:45
	4-6km N	Recorded	2	Projectile	W to E	N/K	2-Dec, 00:55
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	2-Dec, 01:05
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	2-Dec, 02:24
	4-6km NNE	Recorded	5	Projectile	WSW to ENE	N/K	2-Dec, 02:49
	4-6km NNE	Recorded	2	Projectile	WSW to ENE	N/K	2-Dec, 03:16
	4-6km NNE	Recorded	10	Projectile	WSW to ENE	N/K	2-Dec, 03:17
4-6km NNE	Recorded	11	Projectile	W to E	N/K	2-Dec, 03:45	
4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	2-Dec, 04:11	
4-6km NNE	Recorded	7	Projectile	W to E	N/K	2-Dec, 04:42	

¹⁰ 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.

	4-6km NNE	Recorded	4	Projectile	In vertical flight	N/K	2-Dec, 04:42
	0.2-1km WNW	Recorded	2	Projectile	SSW to NNE	N/K	2-Dec, 18:26
	5-7km N	Recorded	6	Projectile	E to W	N/K	2-Dec, 18:29
	5-7km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	2-Dec, 18:31
	5-7km N	Recorded	6	Projectile	E to W	N/K	2-Dec, 18:40
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-5km SW	Heard	3	Explosion	Undetermined	N/K	2-Dec, 10:09
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	2-Dec, 13:27
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	2-Dec, 13:29
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km W	Heard	3	Explosion	Undetermined	N/K	2-Dec, 12:26
	2-3km W	Heard	1	Shot		Small arms	2-Dec, 12:26-12:45
	3-5km W	Heard	15	Explosion	Undetermined	N/K	2-Dec, 12:26-12:45
	3-5km W	Heard	8	Explosion	Undetermined	N/K	2-Dec, 12:45-13:07
	2-3km W	Heard	1	Shot		Small arms	2-Dec, 13:07
Shyroka Balka (non-government-controlled, 34km NE of Donetsk)	1.8km NW	Heard	3	Burst		Small arms	2-Dec, 12:09
W edge of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km SW	Heard	20	Burst	Assessed as outside the disengagement area	HMG	2-Dec, 11:25-11:30
	3-4km SE	Heard	5	Shot	Assessed as outside the disengagement area	Small arms	2-Dec, 11:34
	3-4km SW	Heard	37	Burst	Assessed as outside the disengagement area	HMG	2-Dec, 11:37-11:40
	3-4km SW	Heard	52	Burst	Assessed as outside the disengagement area	HMG	2-Dec, 12:00-12:16
	3-4km SW	Heard	75	Burst	Assessed as outside the disengagement area	HMG	2-Dec, 12:23-12:44
	3-4km SW	Heard	26	Burst	Assessed as outside the disengagement area	HMG	2-Dec, 13:07-13:10
	3-4km SW	Heard	7	Shot	Assessed as outside the disengagement area	HMG	2-Dec, 13:07-13:10
	3-4km SW	Heard	15	Shot	Assessed as outside the disengagement area	Small arms	2-Dec, 13:17
About 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	3-4km S	Heard	14	Burst	Assessed as outside the disengagement area near Petrivske	Small arms	2-Dec, 11:02-11:05
	3-4km E	Heard	11	Burst	Assessed as outside the disengagement area near Petrivske	HMG	2-Dec, 11:12-11:15
	3-4km E	Heard	24	Burst	Assessed as outside the disengagement area near Petrivske	HMG	2-Dec, 11:27-11:30
	3-4km E	Heard	35	Burst	Assessed as outside the disengagement area near Petrivske	HMG	2-Dec, 11:37-11:42
Starohnativka (government-controlled, 51km S of Donetsk)	2km SE	Heard	10	Burst		Small arms	2-Dec, 12:45
Talakovka (government-controlled, 90km S of Donetsk)	10-12km ESE	Heard	1	Explosion	Undetermined	N/K	2-Dec, 10:41
About 2km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km S	Heard	1	Explosion	Undetermined	N/K	2-Dec, 09:24
Svitlodarsk (government-controlled, 57km NE of Donetsk)	1-2km E	Heard	2	Burst		HMG	1-Dec, 20:06
	2-4km SSW	Heard	8	Explosion	Undetermined	N/K	2-Dec, 09:57-10:06
	1-2km SW	Heard	14	Burst		Small arms	2-Dec, 09:59
	6-8km S	Heard	8	Explosion	Undetermined	N/K	2-Dec, 10:18-10:27
	2-4km SSW	Heard	43	Explosion	Undetermined	N/K	2-Dec, 10:18-10:31
	2-3km SSW	Heard	12	Burst		HMG	2-Dec, 10:22-10:29
	1-2km SSW	Heard	24	Burst		Small arms	2-Dec, 10:21-10:36
	1-2km E	Heard	19	Burst		Small arms	2-Dec, 16:35
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km SW	Heard	2	Explosion	Undetermined	N/K	1-Dec, 19:12-19:13
	3-5km SW	Heard	3	Explosion	Undetermined	N/K	1-Dec, 19:17-19:19
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	1-Dec, 19:37-19:39
	5-8km W	Heard	1	Explosion	Undetermined	N/K	2-Dec, 17:30
	2-3km SSW	Heard	20	Burst		HMG	2-Dec, 10:25
	3-4km SSW	Heard	10	Explosion	Undetermined	N/K	2-Dec, 10:25

About 8km NNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	2-Dec, 11:27
	2-3km SSW	Heard	5	Burst		HMG	2-Dec, 11:27
	2-3km SSW	Heard	2	Explosion	Undetermined	N/K	2-Dec, 11:44
	2-3km SSW	Heard	2	Explosion	Undetermined	N/K	2-Dec, 11:48-11:51
	1-2km SSW	Heard	50	Burst		HMG	2-Dec, 11:48-11:51
	2-3km SSW	Heard	5	Explosion	Undetermined	N/K	2-Dec, 11:57
About 7.5km WNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	2-3km SSW	Heard	15	Burst		HMG	2-Dec, 11:57
	1km NW	Heard	7	Burst		Small arms	2-Dec, 11:10
	2-3km SW	Heard	6	Explosion	Undetermined	N/K	2-Dec, 11:20-11:22
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2-3km SW	Heard	8	Burst		HMG	2-Dec, 11:20-11:22
	3-5km SW	Heard	24	Shot		Small arms	1-Dec, 22:09-22:20
Holubivka (non-government-controlled, 51km W of Luhansk)	1-2km W	Heard	6	Shot		Small arms	2-Dec, 09:13-09:20
Kruhlyk (non-government-controlled, 31km SW of Luhansk)	4-5km NW	Heard	8	Explosion	Undetermined	N/K	2-Dec, 09:50-10:00
	4-5km NW	Heard	25	Shot		Small arms	2-Dec, 09:50-10:00
	4-5km NW	Heard	5	Burst		HMG	2-Dec, 09:50-10:00
S edge of Druzhba (government-controlled, 76km W of Luhansk)	3-5km NNW	Heard	1	Explosion	Undetermined	N/K	2-Dec, 12:24

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 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).