

Daily Report 290/2021

10 December 2021¹

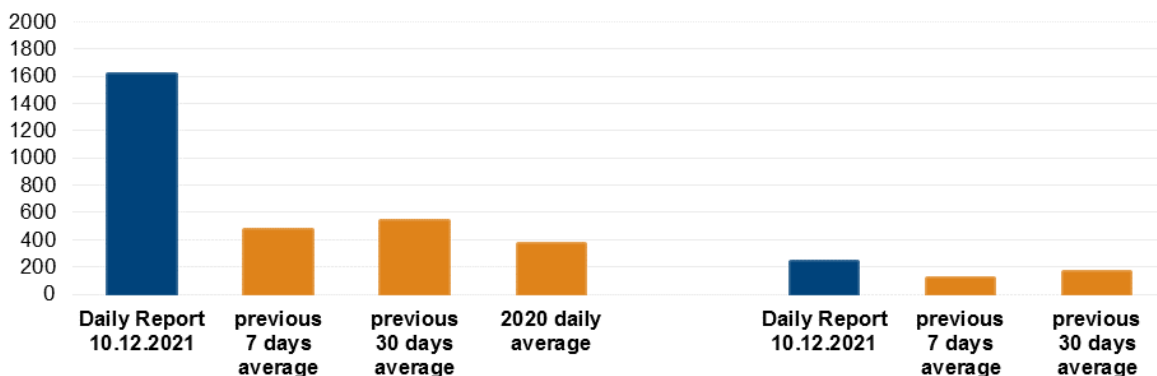
Summary

- In Donetsk region, the SMM recorded 1,463 ceasefire violations, including 142 explosions. In the previous reporting period, it recorded 815 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 161 ceasefire violations, including 97 explosions. In the previous reporting period, it recorded 32 ceasefire violations in the region.
- Members of the armed formations denied the SMM passage near Zolote and Molodizhne, Luhansk region, and delayed its passage for more than two hours near Olenivka, Donetsk region.*
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske.
- The SMM facilitated and monitored the operation of and repairs to critical civilian infrastructure.
- The Mission continued following up on the situation of civilians, including at three entry-exit checkpoints and the corresponding checkpoints of the armed formations in Luhansk region.
- The Mission's freedom of movement continued to be restricted, including at two checkpoints of the armed formations in Donetsk region. Its unmanned aerial vehicles encountered instances of GPS signal interference, assessed as caused by probable jamming.*

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



¹ Based on information from the Monitoring Teams as of 19:30, 9 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 camera in Petrivske was not operational and weather conditions precluded observational capabilities of other SMM cameras.

³ Including explosions.

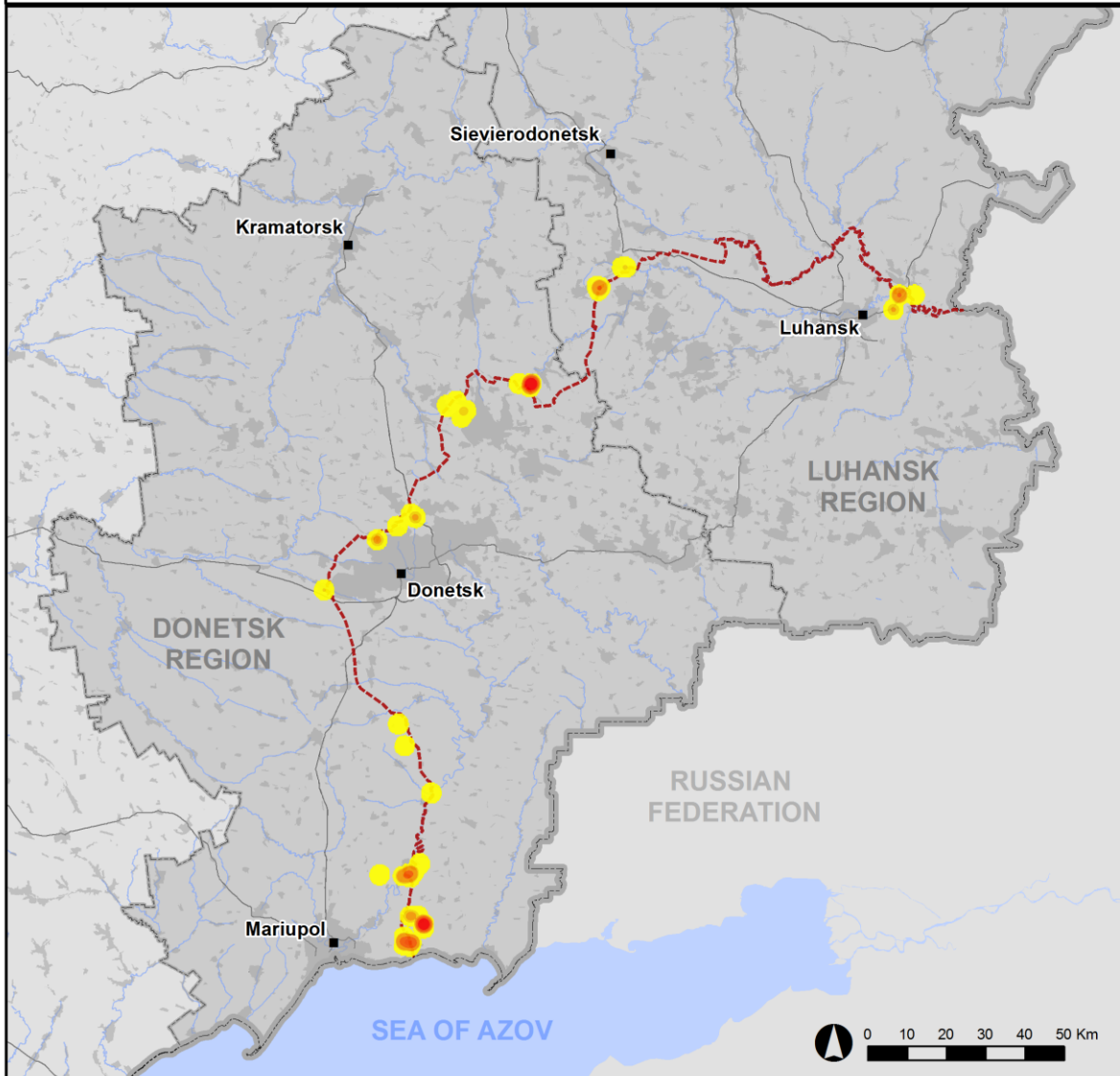
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

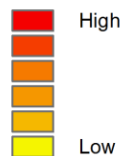


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 9 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: 10/12/2021

In Donetsk region, the SMM recorded 1,463 ceasefire violations, including 142 explosions (two impacts and 140 undetermined). The majority of ceasefire violations occurred in areas south-south-west of Svitlodarsk (government-controlled, 57km north-east of Donetsk), south and west of Zaichenko (non-government-controlled, 93km south of Donetsk), and north and north-north-east of Shyrokyne (government-controlled, 100km south of Donetsk). In the [previous reporting period](#), the Mission recorded 815 ceasefire violations in the region, some of which also occurred in areas near Shyrokyne.

In Luhansk region, the SMM recorded 161 ceasefire violations, including 97 undetermined explosions. The majority of ceasefire violations occurred in areas south-south-west and south-south-east of the disengagement area near Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk) and south-west, north-north-east and east of the disengagement area near Zolote (government-controlled, 60km west of Luhansk). (See below.) In the [previous reporting period](#), the Mission recorded 32 ceasefire violations in the region, some of which were also near 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 92,463 ceasefire violations in both Donetsk and Luhansk regions (including 25,108 explosions, 22,011 projectiles in flight, 409 muzzle flashes, 397 illumination flares and at least 44,538 bursts and shots).

Armed formations denied and delayed the SMM's passage at their checkpoints near Zolote, Molodizhne, Luhansk region, and near Olenivka, Donetsk region

On 9 December, the armed formations in Luhansk region twice denied SMM patrols travelling from government-controlled areas passage to non-government-controlled areas. The first denial occurred at 09:18, at the checkpoint near the southern edge of the disengagement area near Zolote. The second occurred at 11:30 at a checkpoint of the armed formations on road T-0504 about 1.5km south-west of Molodizhne (non-government-controlled, 63km north-west of Luhansk). Members of the armed formations cited a “lack of security guarantees” on the first occasion and a “clear order from those in control not to let the SMM cross” on the second.

While close to the checkpoint near Molodizhne, at 11:38, the SMM patrol heard at least five shots of small-arms fire at an assessed range of 20m north, assessed as originating from positions of the armed formations. The Mission immediately left the area. (See [SMM Spot Report 38/2021](#).)

On the same day, at a checkpoint near Olenivka (non-government-controlled, 23km south-west of Donetsk), a member of the armed formations delayed the passage of an SMM patrol with Deputy Chief Monitor Mark Etherington on board south towards Novotroitske (government-controlled, 36km south-west of Donetsk) for two hours and eight minutes, citing “lack of information about the SMM patrol's crossing”.* (See [SMM Spot Report 39/2021](#).)

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

During the day on 9 December, while positioned in Stanytsia Luhanska, the SMM heard 78 undetermined explosions and six shots of small-arms fire, assessed as outside the **disengagement area near Stanytsia Luhanska** but within 5km of its periphery.

Inside the disengagement area, 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.

During the reporting period, while positioned at two locations near **the disengagement area near Zolote**, the Mission heard 67 ceasefire violations, including 17 undetermined explosions and at least five shots of small-arms fire (see above). During the same period, the SMM cameras in Popasna (government-controlled, 69km west of Luhansk) and Zolote recorded two undetermined explosions and eight projectiles in flight. All these ceasefire violations were assessed as outside the disengagement area near Zolote but within 5km of its periphery.

During the day on 9 December, 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.

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, and again saw a camera, wrapped in camouflage fabric, attached to a tree about 20m west of the same road. About 600m north of the area’s southern edge, the Mission again observed one wooden box on the western edge of the same road. About 570m north of the area’s southern edge, the SMM again saw one anti-personnel mine (MON-50, without a fuse) on the western edge of the same road, assessed as belonging to the armed formations. About 450m north of the area’s southern edge, the SMM also again observed a wooden crate and two metal boxes placed across the same road, assessed as ammunition boxes. (For previous observations in the area, see [SMM Daily Report of 6 December 2021](#).)

During the day, while positioned on the western edge of Petrivske (non-government-controlled, 41km south of Donetsk), the SMM heard six undetermined explosions, assessed as outside the **disengagement area near Petrivske** but within 5km of its periphery.

Withdrawal of weapons

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 nine multiple launch rocket systems and 24 howitzers in three training areas in non-government-controlled areas of Luhansk region. Beyond withdrawal lines but outside designated storage sites, the Mission observed six mortars in a compound and 17 tanks at a train station in government-controlled areas of Donetsk region,

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

and 129 tanks, 42 howitzers, 12 mortars, nine surface-to-air missiles, and six anti-tanks guns in five training areas in non-government-controlled areas of Luhansk region. (For further information, see the tables below.)

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

On 8 December, on the north-eastern edge of Hranitne (government-controlled, 60km south of Donetsk), an SMM mini-unmanned aerial vehicle (UAV) again spotted a previously reported pontoon bridge across the river Kalmius. The Mission again noted that the wooden deck was broken in the middle, with a gap of about 3m separating its two parts. (For previous observations in the area, see SMM Daily Reports of [20 November](#) and [26 November 2021](#).)

About 350m east of the north-eastern edge of Staromarivka (62km south of Donetsk), on the northern edge of road T-0512, the same UAV [again](#) spotted a Ukrainian flag on a pole and barbed wire running north to south from the pole to the edge of the road.

On 9 December, while positioned on the north-western edge of Yasynuvata, the SMM heard the sound of a non-SMM UAV flying above the patrol. The operation of any aerial vehicles is banned by the 22 July 2020 agreement on Measures to strengthen the ceasefire.

The Mission also observed two anti-aircraft guns and five armoured combat vehicles in government-controlled areas of Donetsk and Luhansk regions, and four armoured personnel carriers in a residential area of non-government-controlled Luhansk city. (For further information, see the table below.)

SMM facilitation of operation and repair of critical civilian infrastructure

The SMM continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) (DFS). While positioned in Yasynuvata (non-government-controlled, 16km north-east of Donetsk), the Mission heard 16 shots of small-arms fire, assessed as within a 5km radius of the DFS.

The SMM also facilitated and monitored repair works to power lines in Krasnohorivka (government-controlled, 21km west of Donetsk) and Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk), as well as maintenance and assessment of phenol sludge reservoirs near Nelipivka (government-controlled, 40km north of Donetsk). While positioned about 1km north-east of Zaichenko to facilitate repairs in Pikuzy, the SMM heard 488 ceasefire violations, including 12 undetermined explosions.

Situation at entry-exit checkpoints and corresponding checkpoints

In Luhansk region, the SMM observed that the entry-exit checkpoint (EECP) near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the repaired span of the Stanytsia Luhanska bridge were open, with people queueing 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 for civilian traffic. While at the latter checkpoint, the SMM observed a convoy

consisting of a civilian vehicle and three trucks, all bearing the logo of an international humanitarian organisation, travelling towards government-controlled areas.

The SMM continued monitoring in Kherson, Odessa, Ivano-Frankivsk, Lviv, 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 [SMM Daily Report of 8 December 2021](#)). 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:

- At a checkpoint near Zaichenko (non-government-controlled, 93km south of Donetsk), a member of the armed formations denied the Mission passage west towards an observation post near the settlement, citing “ongoing kinetic activities”. While at the checkpoint, the SMM observed civilian traffic passing through.

Delay:

- At a checkpoint near Yasynuvata (non-government-controlled, 16km north-east of Donetsk), a member of the armed formations allowed the Mission passage east towards Debaltseve (non-government-controlled, 58km north-east of Donetsk) only after 32 minutes of waiting, citing an “intention to inspect the trailer”.

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:⁶

- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during six flights: on three occasions while flying over areas near Orikhove

⁶ 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.

(government-controlled, 57km north-west of Luhansk), twice near New York (formerly Novhorodske, government-controlled, 35km north of Donetsk), and once near Pervomaisk (non-government-controlled, 58km west of Luhansk).

Table of weapons

Weapons in violation of withdrawal lines

| Date | No. of weapons | Type of weapon | Location | Source of observation |
|--|----------------|--|--|-----------------------|
| Non-government-controlled areas | | | | |
| 8/12/2021 | 6 | Multiple launch rocket system (BM-21 <i>Grad</i>) | In a training area near Miusynsk (62km south-west of Luhansk) | Mini-UAV |
| | 3 | | In a training area near Myrne (28km south-west of Luhansk) | |
| | 13 | Self-propelled howitzer (2S1 <i>Gvozdika</i>) | In a training area near Buhaiivka (37km south-west of Luhansk) | |
| | 11 | Towed howitzer (2A18M, D-30A <i>Lyagushka</i>) | | |

Weapons beyond withdrawal lines but outside designated storage sites

| Date | No. of weapons | Type of weapon | Location | Source of observation |
|--|----------------|---|--|-----------------------|
| Government-controlled areas | | | | |
| 8/12/2021 | 6 | Towed mortar (2B9 <i>Vasilek</i> , 82mm) | In a compound in Kostiantynivka (60km north of Donetsk) | Mini-UAV |
| 9/12/2021 | 17 | Tank (T-80) | Near a residential area of Zachativka (74km south-west of Donetsk) | Patrol |
| Non-government-controlled areas | | | | |
| 8/12/2021 | 10 | Self-propelled howitzer (2S1 <i>Gvozdika</i>) | In a training area near Miusynsk (62km south-west of Luhansk) | Mini-UAV |
| | 12 | Towed howitzer (2A18M, D-30A <i>Lyagushka</i>) | | |
| | 19 | Tank (17 T-64 and two T-72) | | |
| | 3 | Surface-to-air missile system (9K35 <i>Strela-10</i>) | | |
| | 6 | Tank (T-64) | In a training area near Myrne (28km south-west of Luhansk) | |
| | 8 | Self-propelled howitzer (2S1 <i>Gvozdika</i>) | | |
| | 12 | Towed howitzer (D-30A <i>Lyagushka</i>) | | |
| | 6 | Anti-tank gun (MT-12 <i>Rapira</i>) | | |
| | 12 | Mortar (2B11 <i>Sani</i>) | | |
| | 32 | Tank (28 T-72 and four T-64) | | |
| | 1 | Surface-to-air missile system (9K35 <i>Strela-10</i>) | | |
| | 28 | Tank (19 T-64 and nine T-72) | In a training area near Kruhlyk (31km south-west of Luhansk) | |
| | 26 | Tank (18 T-64 and eight T-72) | In a training area near Buhaiivka (37km south-west of Luhansk) | |
| | 5 | Surface-to-air missile system (9K35 <i>Strela-10</i>) | | |
| 18 | Tank (T-72) | In a training area near Shymshynivka (27km south-west of Luhansk) | | |

Table of military and military-type presence in the security zone⁷

| Date | No. | Type of weapon | Location | Source of observation |
|--|-----|--|--|-----------------------|
| Government-controlled areas | | | | |
| 9/12/2021 | 2 | Anti-aircraft gun (ZU-23, 23mm) | Near Chermalyk (77km south of Donetsk) | Patrol |
| | 1 | Armoured reconnaissance vehicle (BRDM-2) | | |
| | 4 | Armoured personnel carrier (BTR-80) | | |
| Non-government-controlled areas | | | | |
| 9/12/2021 | 4 | Armoured personnel carrier (BTR variant) moving west in a convoy | In a residential area of Luhansk city | Patrol |

⁷ 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 9 December 2021⁸

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|----------------|----------|-----------|--------------------|--|--------------|--------------|
| SMM camera in Chermalyk (government-controlled, 77km S of Donetsk) | 2-4km SE | Recorded | 7 | Projectile | SW to NE | N/K | 8-Dec, 22:37 |
| SMM camera at Donetsk Filtration Station (15km N of Donetsk) | 1-3km S | Recorded | 1 | Explosion | Undetermined | N/K | 9-Dec, 00:46 |
| SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk) | 1-2km N | Recorded | 7 | Projectile | SE to NW | N/K | 9-Dec, 18:36 |
| SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre) | 1-2km W | Recorded | 12 | Projectile | N to S | N/K | 8-Dec, 20:13 |
| | 1-2km W | Recorded | 1 | Projectile | N to S | N/K | 8-Dec, 20:32 |
| | 1-2km W | Recorded | 1 | Projectile | N to S | N/K | 8-Dec, 22:04 |
| | 1-2km W | Recorded | 1 | Projectile | N to S | N/K | 8-Dec, 23:01 |
| | 1-2km W | Recorded | 1 | Explosion | Undetermined | N/K | 9-Dec, 18:23 |
| | 1-2km W | Recorded | 3 | Explosion | Undetermined | N/K | 9-Dec, 18:24 |
| | 4-6km NE | Recorded | 1 | Explosion | Undetermined (also recorded by the SMM camera at the Donetsk Filtration Station) | N/K | 9-Dec, 17:12 |
| SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk) | 4-6km N | Recorded | 1 | Projectile | W to E | N/K | 8-Dec, 19:05 |
| | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 8-Dec, 19:46 |
| | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 8-Dec, 19:51 |
| | 4-6km N | Recorded | 6 | Projectile | E to W | N/K | 8-Dec, 20:03 |
| | 4-6km N | Recorded | 1 | Projectile | W to E | N/K | 8-Dec, 20:04 |
| | 4-6km N | Recorded | 1 | Muzzle flash | | N/K | 8-Dec, 20:04 |
| | 4-6km N | Recorded | 1 | Projectile | W to E (subsequent to previous event) | N/K | 8-Dec, 20:04 |
| | 4-6km N | Recorded | 12 | Projectile | E to W | N/K | 8-Dec, 20:08 |
| | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 8-Dec, 20:57 |
| | 4-6km N | Recorded | 3 | Projectile | W to E | N/K | 8-Dec, 21:48 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 8-Dec, 21:48 |
| | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 8-Dec, 21:49 |
| | 4-6km N | Recorded | 1 | Projectile | SW to NE | N/K | 8-Dec, 21:49 |
| | 4-6km N | Recorded | 5 | Projectile | W to E | N/K | 8-Dec, 21:49 |
| | 4-6km N | Recorded | 1 | Illumination flare | In vertical flight | N/K | 8-Dec, 22:01 |
| | 4-6km N | Recorded | 3 | Projectile | E to W | N/K | 8-Dec, 22:09 |
| | 4-6km NNE | Recorded | 12 | Projectile | W to E | N/K | 8-Dec, 22:27 |
| | 4-6km N | Recorded | 3 | Projectile | W to E | N/K | 8-Dec, 22:29 |
| | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 8-Dec, 22:29 |
| | 4-6km N | Recorded | 1 | Projectile | W to E | N/K | 8-Dec, 22:30 |
| | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 8-Dec, 22:30 |
| | 4-6km N | Recorded | 1 | Projectile | W to E | N/K | 8-Dec, 22:31 |
| | 4-6km N | Recorded | 1 | Projectile | SW to NE | N/K | 8-Dec, 22:31 |
| 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 8-Dec, 22:32 | |

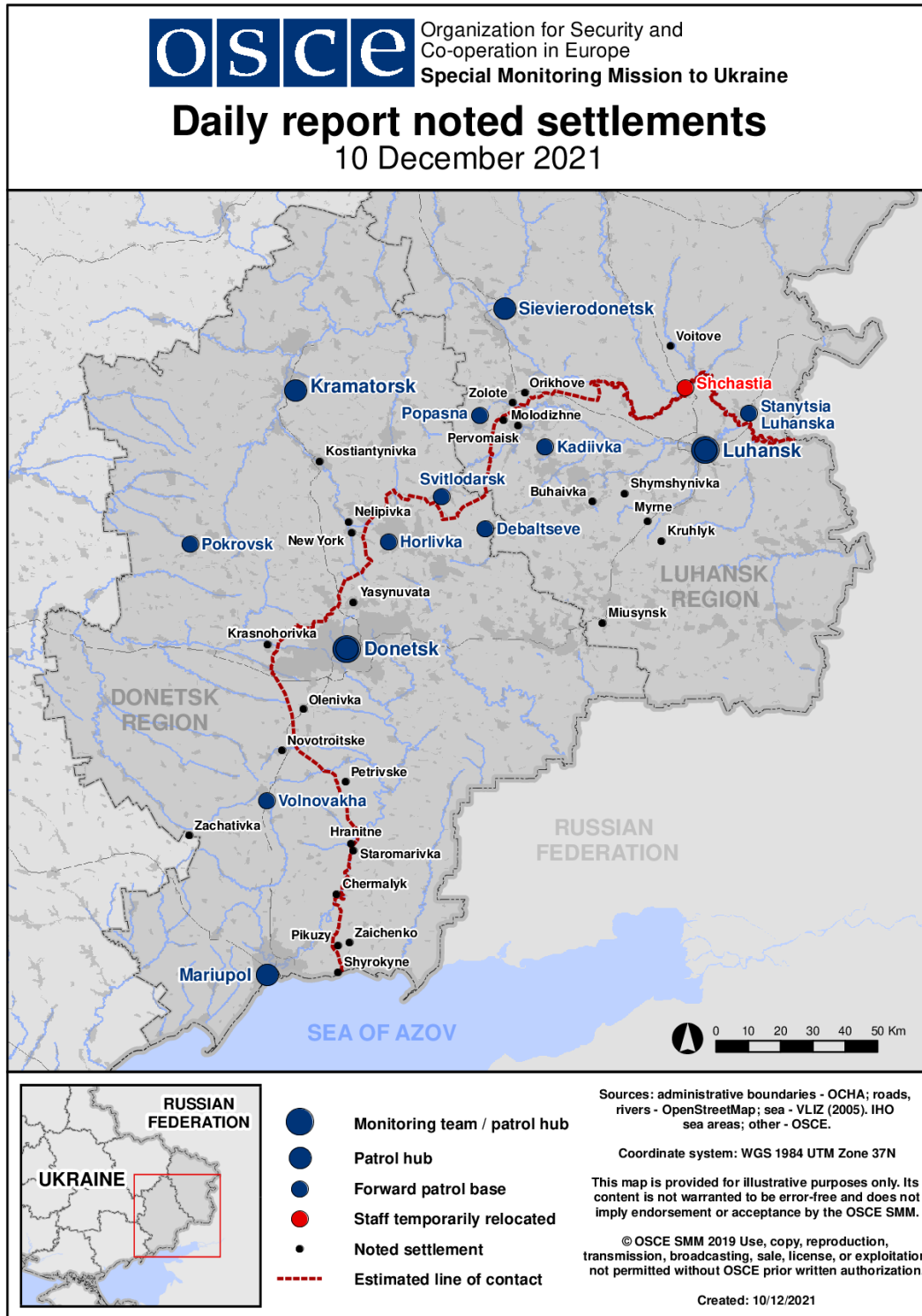
⁸ The table only includes ceasefire violations directly observed by SMM patrols or recorded by the SMM cameras, and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments 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 | |
|--------------|---|-----------|----------|--------------------|---|--------------|--------------------|--------------------|
| | 4-6km N | Recorded | 2 | Projectile | W to E | N/K | 8-Dec, 22:32 | |
| | 4-6km N | Recorded | 2 | Projectile | W to E | N/K | 8-Dec, 22:34 | |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 8-Dec, 22:35 | |
| | 4-6km N | Recorded | 1 | Muzzle flash | | N/K | 8-Dec, 22:35 | |
| | 4-6km N | Recorded | 1 | Projectile | S to N (subsequent to previous event) | N/K | 8-Dec, 22:35 | |
| | 4-6km NNE | Recorded | 15 | Projectile | SW to NE | N/K | 8-Dec, 22:37 | |
| | 4-6km NNE | Recorded | 1 | Projectile | In vertical flight | N/K | 8-Dec, 22:37 | |
| | 4-6km NNE | Recorded | 1 | Projectile | SW to NE | N/K | 8-Dec, 23:28 | |
| | 4-6km NNE | Recorded | 15 | Projectile | W to E | N/K | 8-Dec, 23:28 | |
| | 4-6km NNE | Recorded | 19 | Projectile | W to E | N/K | 8-Dec, 23:29 | |
| | 4-6km NNE | Recorded | 24 | Projectile | W to E | N/K | 8-Dec, 23:34 | |
| | 4-6km N | Recorded | 1 | Illumination flare | In vertical flight | N/K | 8-Dec, 23:35 | |
| | 4-6km NNE | Recorded | 1 | Projectile | In vertical flight | N/K | 8-Dec, 23:50 | |
| | 4-6km NNE | Recorded | 1 | Illumination flare | In vertical flight | N/K | 8-Dec, 23:55 | |
| | 4-6km NNE | Recorded | 2 | Explosion | Undetermined | N/K | 9-Dec, 00:43 | |
| | 4-6km N | Recorded | 1 | Illumination flare | In vertical flight | N/K | 9-Dec, 01:04 | |
| | 4-6km N | Recorded | 1 | Projectile | SW to NE | N/K | 9-Dec, 01:08 | |
| | 4-6km N | Recorded | 1 | Muzzle flash | | N/K | 9-Dec, 01:08 | |
| | 4-6km NNE | Recorded | 7 | Projectile | SW to NE | N/K | 9-Dec, 01:29 | |
| | 4-6km N | Recorded | 3 | Projectile | W to E | N/K | 9-Dec, 02:04 | |
| | 4-6km NNE | Recorded | 25 | Projectile | SSW to NNE | N/K | 9-Dec, 02:35 | |
| | 4-6km N | Recorded | 2 | Projectile | W to E | N/K | 9-Dec, 02:51 | |
| | 3-5km N | Recorded | 15 | Projectile | ESE to WNW | N/K | 9-Dec, 05:56 | |
| | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 9-Dec, 17:18 | |
| | 3-5km NNE | Recorded | 1 | Projectile | SE to NW | N/K | 9-Dec, 17:31 | |
| | 4-6km N | Recorded | 1 | Projectile | E to W | N/K | 9-Dec, 17:35 | |
| | 4-6km N | Recorded | 1 | Explosion | Impact (subsequent to previous event) | N/K | 9-Dec, 17:35 | |
| | 4-6km N | Recorded | 6 | Projectile | W to E | N/K | 9-Dec, 17:40 | |
| | 4-6km N | Recorded | 3 | Projectile | W to E | N/K | 9-Dec, 17:44 | |
| | 4-6km N | Recorded | 1 | Muzzle flash | | N/K | 9-Dec, 17:48 | |
| | 4-6km N | Recorded | 1 | Projectile | SE to NW (subsequent to previous event) | N/K | 9-Dec, 17:48 | |
| | 4-6km N | Recorded | 1 | Explosion | Impact (subsequent to previous event) | N/K | 9-Dec, 17:48 | |
| | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 9-Dec, 18:08 | |
| | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 9-Dec, 18:30 | |
| | SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk) | 3-5km WSW | Recorded | 1 | Projectile | N to S | N/K | 8-Dec, 21:12 |
| | Svitlodarsk (government-controlled, 57km NE of Donetsk) | 2-4km SSW | Heard | 19 | Burst | | N/K | 8-Dec, 19:38-19:39 |
| | | 2-3km SSW | Heard | 178 | Shot | | Small arms | 8-Dec, 19:42-19:46 |
| | | 2-4km SSW | Heard | 6 | Explosion | Undetermined | N/K | 8-Dec, 19:42-19:46 |
| | | 2-3km SSW | Heard | 41 | Shot | | Small arms | 8-Dec, 19:47-19:49 |
| | | 2-4km SSW | Heard | 7 | Explosion | Undetermined | N/K | 8-Dec, 19:49 |
| 2-4km SSW | | Heard | 2 | Explosion | Undetermined | N/K | 8-Dec, 19:53 | |
| 2-4km SSW | | Heard | 5 | Burst | | N/K | 8-Dec, 19:55 | |
| 2-4km SSW | | Heard | 4 | Explosion | Undetermined | N/K | 8-Dec, 20:00 | |
| 2-4km SSW | | Heard | 4 | Burst | | N/K | 8-Dec, 20:03 | |
| 2-4km SSW | | Heard | 4 | Burst | | N/K | 8-Dec, 20:06 | |
| 2-4km SSW | | Heard | 6 | Explosion | Undetermined | N/K | 8-Dec, 20:12-20:13 | |
| 2-3km SSW | | Heard | 21 | Shot | | Small arms | 8-Dec, 20:12-20:13 | |
| 2-3km SSW | | Heard | 11 | Shot | | Small arms | 8-Dec, 20:14 | |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|---|----------------|-------|-----|-------------|---|------------|--------------------|
| | 2-4km SSW | Heard | 2 | Explosion | Undetermined | N/K | 8-Dec, 20:15 |
| | 2-4km SSW | Heard | 1 | Burst | | N/K | 8-Dec, 20:15 |
| | 2-3km SSW | Heard | 64 | Shot | | Small arms | 8-Dec, 20:16-20:19 |
| | 2-4km SSW | Heard | 1 | Explosion | Undetermined | N/K | 8-Dec, 20:21 |
| | 2-3km SSW | Heard | 13 | Shot | | Small arms | 8-Dec, 20:22-20:23 |
| | 2-4km SSW | Heard | 3 | Explosion | Undetermined | N/K | 8-Dec, 20:27-20:28 |
| | 2-4km SSW | Heard | 10 | Explosion | Undetermined | N/K | 8-Dec, 20:29-20:33 |
| | 2-4km SSW | Heard | 15 | Burst | | N/K | 8-Dec, 20:34-20:36 |
| | 2-4km SSW | Heard | 8 | Burst | | N/K | 8-Dec, 20:40 |
| | 2-3km SSW | Heard | 60 | Shot | | Small arms | 8-Dec, 20:40-20:41 |
| | 2-4km SSW | Heard | 36 | Explosion | Undetermined | N/K | 8-Dec, 20:42-21:13 |
| | 2-4km SSW | Heard | 4 | Explosion | Undetermined | N/K | 8-Dec, 21:18-21:20 |
| | 3-4km SSW | Heard | 32 | Shot | | Small arms | 9-Dec, 14:09-14:12 |
| | 3-4km SSW | Heard | 1 | Burst | | HMG | 9-Dec, 14:09-14:12 |
| | 3-4km SSW | Heard | 1 | Explosion | Undetermined | N/K | 9-Dec, 14:09-14:12 |
| Near Maiorsk (government-controlled, 45km NE of Donetsk) | 3-5km S | Heard | 2 | Explosion | Undetermined | N/K | 9-Dec, 10:22 |
| | 3-5km S | Heard | 1 | Explosion | Undetermined | N/K | 9-Dec, 10:30 |
| | 5-6km S | Heard | 1 | Explosion | Undetermined | N/K | 9-Dec, 10:43 |
| | 2km SW | Heard | 1 | Burst | | HMG | 9-Dec, 10:52 |
| About 8km WNW of Horlivka (non-government-controlled, 39km NE of Donetsk) | 2-3km NNW | Heard | 4 | Burst | | Small arms | 9-Dec, 09:30 |
| | 3km NNW | Heard | 1 | Explosion | Undetermined | N/K | 9-Dec, 09:34 |
| About 5km NE of Horlivka (non-government-controlled, 39km NE of Donetsk) | 5km W | Heard | 3 | Explosion | Undetermined | N/K | 9-Dec, 10:51 |
| | 3-5km W | Heard | 5 | Burst | | HMG | 9-Dec, 10:51 |
| Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk) | 2-3km SW | Heard | 13 | Shot | | Small arms | 9-Dec, 10:00-10:15 |
| | 2-3km SW | Heard | 3 | Shot | | Small arms | 9-Dec, 10:20-10:25 |
| Petrivske (non-government-controlled, 41km S of Donetsk) | 5-7km SSW | Heard | 2 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 9-Dec, 11:13 |
| | 3-5km W | Heard | 4 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 9-Dec, 11:30 |
| About 1km NE of Zaichenko (non-government-controlled, 93km S of Donetsk) | 2km S | Heard | 2 | Explosion | Undetermined | N/K | 9-Dec, 09:33 |
| | 2km S | Heard | 254 | Shot | | Small arms | 9-Dec, 10:06-10:16 |
| | 2km S | Heard | 21 | Burst | | HMG | 9-Dec, 10:06-10:16 |
| | 2km S | Heard | 5 | Explosion | Undetermined | N/K | 9-Dec, 10:06-10:16 |
| | 3-4km W | Heard | 20 | Shot | | Small arms | 9-Dec, 10:50 |
| | 2km S | Heard | 150 | Shot | | Small arms | 9-Dec, 10:56 |
| | 2km S | Heard | 25 | Burst | | HMG | 9-Dec, 10:56 |
| | 3km S | Heard | 5 | Explosion | Undetermined | N/K | 9-Dec, 11:12 |
| | 1-2km W | Heard | 5 | Shot | | Small arms | 9-Dec, 12:09 |
| | 1-2km W | Heard | 1 | Burst | | HMG | 9-Dec, 12:09 |
| About 1km ESE of Chermalyk (government-controlled, 77km S of Donetsk) | 2-3km S | Heard | 2 | Burst | | HMG | 9-Dec, 10:14 |
| | 2-3km E | Heard | 2 | Explosion | Undetermined | N/K | 9-Dec, 10:18 |
| | 2-3km S | Heard | 8 | Shot | | Small arms | 9-Dec, 10:23 |
| | 2-3km S | Heard | 2 | Burst | | Small arms | 9-Dec, 10:23 |
| | 2-3km S | Heard | 3 | Burst | | HMG | 9-Dec, 10:27 |
| | 3-4km S | Heard | 3 | Shot | | Small arms | 9-Dec, 10:29-10:35 |
| | 3-4km S | Heard | 7 | Burst | | HMG | 9-Dec, 10:29-10:35 |
| | 3-4km S | Heard | 3 | Explosion | | AGL | 9-Dec, 10:29-10:35 |
| | 2-3km S | Heard | 34 | Shot | | Small arms | 9-Dec, 10:39-10:42 |
| | 2-3km S | Heard | 11 | Burst | | Small arms | 9-Dec, 10:39-10:42 |
| Hranitne (government-controlled, 60km S of Donetsk) | 2-3km NE | Heard | 4 | Burst | | Small arms | 9-Dec, 14:55 |
| Orlivske (government-controlled, 82km S of Donetsk) | 3-5km NNW | Heard | 2 | Explosion | Undetermined | N/K | 9-Dec, 12:13 |
| | 3-5km NNW | Heard | 1 | Explosion | Undetermined | N/K | 9-Dec, 12:29 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|----------------|----------|-----|-------------|---|------------|--------------------|
| | 3-5km NNW | Heard | 1 | Explosion | Undetermined | N/K | 9-Dec, 12:33 |
| | 3-5km NNW | Heard | 2 | Explosion | Undetermined | N/K | 9-Dec, 12:48-12:50 |
| Pavlopil (government-controlled, 84km S of Donetsk) | 2-2.5km NNE | Heard | 37 | Shot | | Small arms | 9-Dec, 13:24-13:39 |
| | 2-2.5km NNE | Heard | 1 | Burst | | Small arms | 9-Dec, 13:24-13:39 |
| | 2-2.5km NNE | Heard | 1 | Explosion | Undetermined | N/K | 9-Dec, 13:24-13:39 |
| SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk) | 4-6km ESE | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 9-Dec, 18:01 |
| | 5-6km ESE | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 9-Dec, 18:33 |
| SMM camera in Zolote (government-controlled, 60km W of Luhansk) | 2-4km E | Recorded | 6 | Projectile | E to W (assessed as outside the disengagement area) | N/K | 9-Dec, 18:43 |
| | 1-3km E | Recorded | 1 | Projectile | N to S (assessed as outside the disengagement area) | N/K | 9-Dec, 18:45 |
| | 1-3km E | Recorded | 1 | Projectile | N to S (assessed as outside the disengagement area) | N/K | 9-Dec, 18:46 |
| N edge of Popasna (government-controlled, 69km west of Luhansk) | 4-7km ESE | Heard | 17 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 8-Dec, 22:38-23:05 |
| | 4-7km ESE | Heard | 11 | Burst | Assessed as outside the disengagement area near Zolote | HMG | 8-Dec, 22:38-23:05 |
| | 4-7km ESE | Heard | 22 | Burst | Assessed as outside the disengagement area near Zolote | Small arms | 8-Dec, 22:38-23:05 |
| About 4km E Popasna (government controlled, 69km west of Luhansk) | 0.5-1km ENE | Heard | 3 | Burst | Assessed as outside the disengagement area near Zolote | Small arms | 9-Dec, 11:09 |
| About 2km SW Molodizhne (non-government controlled, 63km north-west of Luhansk) | 0.9-1km W | Heard | 1 | Burst | Assessed as outside the disengagement area near Zolote | HMG | 9-Dec, 11:10-11:11 |
| | 0.9-1km W | Heard | 5 | Shot | Assessed as outside the disengagement area near Zolote | HMG | 9-Dec, 11:10-11:11 |
| About 2.5km NNE of Novooleksandrivka (government controlled, 69km west of Luhansk) | 20-30m N | Heard | 5 | Burst | Assessed as outside the disengagement area near Zolote | Small arms | 9-Dec, 11:38 |
| About 2km SW Molodizhne (non-government controlled, 63km north-west of Luhansk) | 0.9-1km W | Heard | 2 | Burst | Assessed as outside the disengagement area near Zolote | Small arms | 9-Dec, 11:40 |
| | 0.9-1km W | Heard | 1 | Shot | Assessed as outside the disengagement area near Zolote | Small arms | 9-Dec, 11:40 |
| Stanytsia Luhanska (government controlled, 16km north-east of Luhansk) | 4-6km SSW | Heard | 6 | Shot | Assessed as outside the disengagement area | Small arms | 9-Dec, 15:05-15:06 |
| | 4-6km SSW | Heard | 60 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 9-Dec, 15:05-15:12 |
| | 8-10km SSW | Heard | 15 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 9-Dec, 15:12-15:15 |
| | 4-6km SSE | Heard | 3 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 9-Dec, 16:05 |

Map of Donetsk and Luhansk regions⁹



⁹ 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).