

Daily Report 289/2021

9 December 2021¹

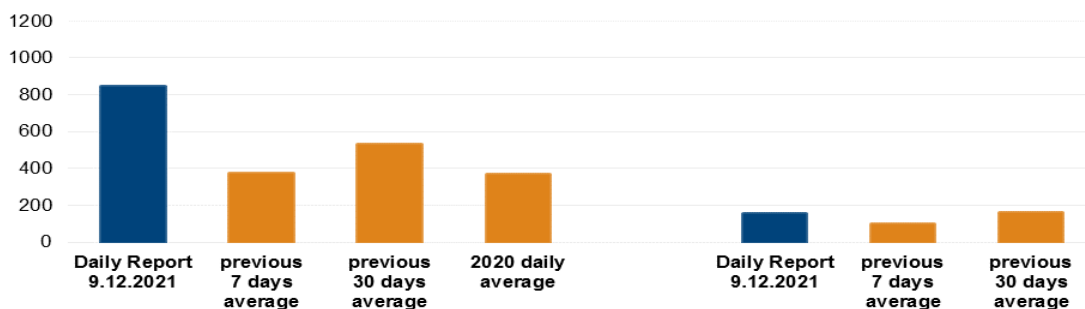
Summary

- In Donetsk region, the SMM recorded 815 ceasefire violations, including 146 explosions. In the previous reporting period, it recorded 145 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 32 ceasefire violations, including ten explosions. In the previous reporting period, it recorded 51 ceasefire violations in the region.
- Small-arms fire was assessed as directed at SMM mini-unmanned aerial vehicles near non-government-controlled Kashtanove, Donetsk region, and near non-government-controlled Kruhlyk, Luhansk 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 SMM visited one border crossing point and monitored areas near the border outside government control in Donetsk region.
- The Mission's freedom of movement continued to be restricted, including at two checkpoints of the armed formations in southern 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, 8 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 near Petrivske was not operational.

³ Including explosions.

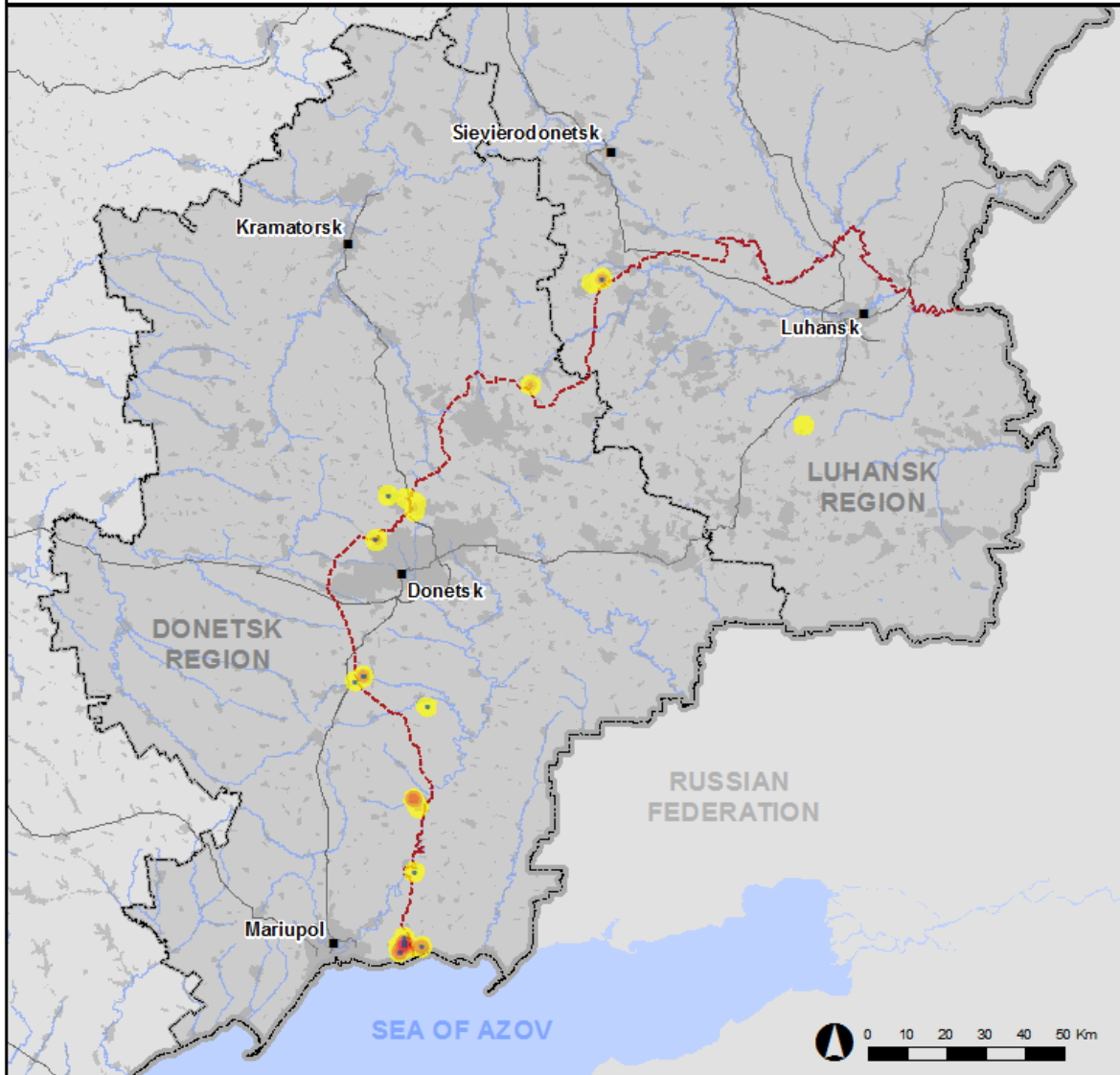
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

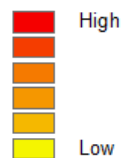


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 8 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: 09/12/2021

In Donetsk region, the SMM recorded 815 ceasefire violations, including 146 explosions (one impact, 39 outgoing, 13 airbursts, and 93 undetermined). The majority of ceasefire violations occurred in areas north and north-west of Shyrokyne (government-controlled, 100km south of Donetsk), in an area south of Novohryhorivka (government-controlled, 55km south of Donetsk) assessed as live-fire training exercise, and in an area south-east of Lebedynske (government-controlled, 99km south of Donetsk). Additionally, the SMM recorded ten bursts of heavy-machine-gun fire in an area south-east of Hranitne (government-controlled, 60km south of Donetsk), also assessed as live-fire training exercise. The aforementioned live-fire training exercises were 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. In the [previous reporting period](#), the Mission recorded 145 ceasefire violations in the region, some of which also occurred in areas near Shyrokyne.

In Luhansk region, the SMM recorded 32 ceasefire violations, including ten undetermined explosions. The majority of ceasefire violations occurred in areas east of the disengagement area near Zolote (government-controlled, 60km west of Luhansk). (See below.) In the [previous reporting period](#), the Mission recorded 51 ceasefire violations in the region, all near the disengagement area near Zolote.

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 90,839 ceasefire violations in both Donetsk and Luhansk regions (including 24,869 explosions, 21,778 projectiles in flight, 408 muzzle flashes, 393 illumination flares and at least 43,391 bursts and shots).

Small-arms fire assessed as directed at SMM mini-UAVs near non-government-controlled Kashtanove, Donetsk region and near non-government-controlled Kruhlyk, Luhansk region

On 7 December, while positioned on the north-eastern edge of Kashtanove (non-government-controlled, 13km north of Donetsk) to conduct an announced mini-unmanned aerial vehicle (UAV) flight, the Mission heard six shots of small-arms fire at an assessed distance of about 550m north-west, assessed as targeting the UAV. During the same flight, the mini-UAV experienced GPS signal interference, assessed as caused by probable jamming. (See below.)

On the same day, while positioned at about 1.5km north of Kruhlyk (non-government-controlled, 31km south-west of Luhansk) to conduct an announced mini-UAV flight, the Mission heard six shots of small-arms fire at an assessed distance of 500m east, assessed as targeting the UAV.

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

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

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

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

During the day on 7 December, inside the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk), an SMM mini-UAV spotted a person about 350m north of the southern edge of the disengagement area near Zolote.

During the evening of 7 December, the SMM camera on the northern edge of Popasna (government-controlled, 69km west of Luhansk) recorded four ceasefire violations outside the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk) but within 5km of its periphery.

During the day on 8 December, while on the northern edge of Popasna, the SMM heard 10 undetermined explosions and 12 bursts and shots of heavy-machine-gun fire and small-arms fire, assessed as outside the disengagement area near Zolote but within 5km of its periphery.

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

During the day, while positioned at three locations near the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk) and observed a calm situation.

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 five howitzers on both sides of the contact line in Donetsk region. Beyond withdrawal lines but outside of designated storage sites, the Mission observed four tanks in a training area near Myrne (non-government-controlled, 28km south-west of Luhansk). (For further information, see the tables below.)

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

The Mission observed seven armoured personnel carriers and one anti-aircraft gun in government-controlled areas of Donetsk and Luhansk regions, including in a residential area. (For further information, see the table below.)

Presence of mines near Hnutove, Donetsk region

On 7 December, 3km east-south-east of Hnutove (government-controlled, 90km south of Donetsk), an SMM mini-UAV spotted six anti-tank mines (not previously reported) laid in a field and assessed as belonging to the Ukrainian Armed Forces.

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 on the western edge of Yasynuvata (non-government-controlled, 16km north-east of Donetsk) and north-east of Kamianka (government-controlled, 20km north of Donetsk), the Mission heard 13 bursts of heavy-machine-gun fire, assessed as

within a 5km radius of the DFS, six of which occurred while a bus with workers was travelling between the station and Yasynuvata.

The SMM also monitored adherence to windows of silence to facilitate repair works to power lines in Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk) and Hranitne (government-controlled, 60km south of Donetsk). While positioned in Hranitne and at about 2.5km south of Novohryhorivka (government-controlled, 55km south of Donetsk), the SMM heard 122 shots and bursts of small-arms fire.

Situation at entry-exit checkpoints and corresponding checkpoints

In Luhansk region, the SMM observed that the entry-exit checkpoint (EECP) Stanytsia Luhanska (government-controlled, 16km north-east of Luhanska) was 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 three trucks bearing the logo of an international humanitarian organisation travelling towards non-government-controlled areas.

Areas near the border outside government control⁶

While at a crossing point near Marynivka (78km east of Donetsk) for about one hour, the Mission saw 11 cars (seven with “DPR” plates), seven covered cargo trucks (four with “DPR” plates) as well as 18 pedestrians (11 men and seven women, mixed ages) entering Ukraine, as well as seven cars (five with “DPR” plates) and two buses (with “DPR” plates, carrying passengers of mixed ages and genders) exiting Ukraine.

The SMM also monitored areas close to the border with the Russian Federation near Chervona Zoria (84km east of Donetsk) and Dmytrivka (85km east of Donetsk).

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

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.

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.

Denials:

- At a checkpoint near Khreshchatytske (formerly Krasnoarmiiske, non-government-controlled, 86km south of Donetsk), a visibly armed member of the armed formations denied the Mission passage towards Kulykove (non-government-controlled, 87 km south of Donetsk), citing “ongoing engineering activities and demining in the area”. (See [SMM Spot Report 37/2021](#)).
- At a checkpoint near Zaichenko (non-government-controlled, 93km south of Donetsk), a member of the armed formations denied the Mission passage south towards Sakhanka (non-government-controlled, 97km south of Donetsk), citing “engineering and demining activities in the area”. While at the checkpoint, the SMM patrol heard 48 undetermined explosions at an assessed range of 7-8km south.
- While positioned near Kruta Balka (non-government-controlled, 16km north of Donetsk) to conduct an announced mini-UAV flight, two visibly armed members of the armed formations told the Mission to leave the area, citing the “safety of the SMM.”

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

- An SMM mini-UAV was assessed as targeted by small-arms fire while flying over areas near Kashtanove (non-government-controlled, 13km north of Donetsk). During the same flight, the mini-UAV also experienced GPS signal interference, assessed as caused by probable jamming. (See above.)
- An SMM mini-UAV was assessed as targeted by small-arms fire while flying over a training area near Kruhlyk (non-government-controlled, 31km south-west of Luhansk) (See above.)
- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during five flights: on two occasions while flying over areas near government-controlled Metolkine (69km north-west of Luhansk) and on one occasion each while flying over areas near government-controlled Druzhba (76km west of Luhansk), non-government-controlled Buhaiivka (37km south-west of Luhansk) and Shymshynivka (27km south-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
Government-controlled areas				
8/12/2021	3	Self-propelled howitzers (2S1 <i>Gvozdika</i> , 122mm)	Near Polkove (65km south of Donetsk)	Patrol
Non-government-controlled areas				
8/12/2021	2	Towed howitzer (D-20, 152mm)	In a residential area of Manuilivka (65km east 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				
08/12/2021	4	Tank (type undetermined)	In a training area near Myrne (28km south-west of Luhansk)	Patrol

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
7/12/2021	2	Infantry fighting vehicle (BMP-variant)	Near Talakivka (90km south of Donetsk)	Mini-UAV
	1	Infantry fighting vehicle (BMP-variant)		Mid-range UAV
	1	Armoured reconnaissance vehicle (BRDM-2)	Near Hnutove (90km south of Donetsk)	
	1	Probable armoured combat vehicle (type undetermined)		
8/12/2021	1	Armoured personnel carrier (BTR-80)	Near Novokalynove (29km north-west of Donetsk)	Patrol
Non-government-controlled areas				
7/12/2021	1	Combat engineering vehicle (IMR-3)	Near a residential area of Novohryhorivka (61km north-east of Donetsk)	Mini-UAV
8/12/2021	1	Probable anti-aircraft gun (ZU-23, 23mm)	Near Kashtanove (13km north of Donetsk)	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 8 December 2021⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	5-7km SE	Recorded	13	Explosion	Airburst	N/K	7-Dec, 19:05
	5-7km SE	Recorded	1	Explosion	Undetermined	N/K	7-Dec, 19:05
	5-7km SE	Recorded	14	Explosion	Undetermined	N/K	7-Dec, 19:06
	5-7km SSE	Recorded	1	Explosion	Undetermined	N/K	7-Dec, 19:06
	5-7km SE	Recorded	2	Explosion	Undetermined	N/K	7-Dec, 19:07
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	1	Projectile	W to E	N/K	7-Dec, 20:48
	2-4km SE	Recorded	1	Explosion	Impact (Subsequent to previous event)	N/K	7-Dec, 20:48
	2-4km SE	Recorded	1	Muzzle flash		N/K	7-Dec, 20:48
	2-4km SE	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	7-Dec, 20:48
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-2km W	Recorded	6	Projectile	N to S	N/K	7-Dec, 22:13
	1-2km W	Recorded	1	Projectile	N to S	N/K	8-Dec, 04:06
	1-3km W	Recorded	1	Explosion	Undetermined	N/K	8-Dec, 17:00
	1-2km W	Recorded	2	Projectile	NNE to SSW	N/K	8-Dec, 17:22
	1-2km W	Recorded	1	Projectile	S to N	N/K	8-Dec, 17:22
	1-2km W	Recorded	1	Muzzle flash		N/K	8-Dec, 17:22
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	7-Dec, 18:53
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	7-Dec, 18:54
	4-6km N	Recorded	6	Projectile	WSW to ENE	N/K	7-Dec, 18:59
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	7-Dec, 19:01
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	7-Dec, 19:02
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	7-Dec, 19:02
	4-6km N	Recorded	3	Projectile	E to W	N/K	7-Dec, 19:06
	4-6km N	Recorded	3	Projectile	W to E	N/K	7-Dec, 19:06
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	7-Dec, 19:06
	3-5km N	Recorded	1	Projectile	W to E	N/K	7-Dec, 19:08
	3-5km N	Recorded	1	Projectile	WSW to ENE	N/K	7-Dec, 19:08
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	7-Dec, 19:11
	4-6km N	Recorded	8	Projectile	E to W	N/K	7-Dec, 19:16
	4-6km N	Recorded	1	Projectile	W to E	N/K	7-Dec, 19:18
	4-6km N	Recorded	1	Projectile	W to E	N/K	7-Dec, 19:19
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	7-Dec, 19:19
	4-6km N	Recorded	1	Muzzle flash		N/K	7-Dec, 19:39
	4-6km N	Recorded	1	Projectile	E to W (subsequent to previous event)	N/K	7-Dec, 19:39
	3-5km N	Recorded	8	Projectile	E to W	N/K	7-Dec, 19:55
	3-5km NNW	Recorded	1	Muzzle flash		N/K	7-Dec, 19:57
	3-5km NNW	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	7-Dec, 19:57
	3-5km NNW	Recorded	1	Muzzle flash		N/K	7-Dec, 19:58
	3-5km NNW	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	7-Dec, 19:58
	3-5km N	Recorded	30	Projectile	E to W	N/K	7-Dec, 20:08
	3-5km N	Recorded	1	Muzzle flash		N/K	7-Dec, 20:08
	3-5km N	Recorded	1	Projectile	E to W (subsequent to previous event)	N/K	7-Dec, 20:08
	3-5km N	Recorded	5	Projectile	W to E	N/K	7-Dec, 20:12
	3-5km N	Recorded	42	Projectile	E to W	N/K	7-Dec, 20:16
3-5km N	Recorded	9	Projectile	In vertical flight	N/K	7-Dec, 20:19	

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.

	3-5km N	Recorded	8	Projectile	W to E	N/K	7-Dec, 20:28
	3-5km N	Recorded	2	Projectile	W to E	N/K	7-Dec, 20:37
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	7-Dec, 20:44
	3-5km NNE	Recorded	1	Projectile	ESE to WNW	N/K	7-Dec, 21:08
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	7-Dec, 21:13
	3-5km N	Recorded	3	Projectile	W to E	N/K	7-Dec, 21:49
	3-5km N	Recorded	1	Projectile	W to E	N/K	7-Dec, 21:50
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	7-Dec, 21:50
	3-5km N	Recorded	2	Projectile	W to E	N/K	7-Dec, 21:53
	3-5km N	Recorded	1	Projectile	W to E	N/K	7-Dec, 21:54
	3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	7-Dec, 21:59
	3-5km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	7-Dec, 22:09
	3-5km N	Recorded	1	Muzzle flash		N/K	7-Dec, 22:09
	3-5km N	Recorded	3	Projectile	W to E	N/K	7-Dec, 23:25
	3-5km N	Recorded	10	Projectile	W to E	N/K	7-Dec, 23:26
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	7-Dec, 23:26
	3-5km N	Recorded	7	Projectile	W to E	N/K	7-Dec, 23:27
	3-5km N	Recorded	4	Projectile	W to E	N/K	7-Dec, 23:28
	3-5km N	Recorded	3	Projectile	W to E	N/K	7-Dec, 23:29
	3-5km N	Recorded	4	Projectile	W to E	N/K	7-Dec, 23:30
	3-5km N	Recorded	14	Projectile	W to E	N/K	7-Dec, 23:31
	3-5km N	Recorded	14	Projectile	W to E	N/K	7-Dec, 23:32
	3-5km N	Recorded	13	Projectile	W to E	N/K	7-Dec, 23:33
	3-5km N	Recorded	2	Projectile	W to E	N/K	7-Dec, 23:38
	3-5km N	Recorded	14	Projectile	W to E	N/K	7-Dec, 23:39
	3-5km N	Recorded	4	Projectile	W to E	N/K	7-Dec, 23:40
	3-5km N	Recorded	6	Projectile	W to E	N/K	7-Dec, 23:41
	3-5km N	Recorded	1	Projectile	W to E	N/K	7-Dec, 23:42
	3-5km N	Recorded	1	Projectile	W to E	N/K	7-Dec, 23:48
	3-5km N	Recorded	2	Projectile	W to E	N/K	7-Dec, 23:49
	3-5km N	Recorded	1	Projectile	WSW to ENE	N/K	7-Dec, 23:52
	3-5km N	Recorded	2	Projectile	W to E	N/K	7-Dec, 23:55
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	7-Dec, 23:55
	3-5km N	Recorded	1	Projectile	W to E	N/K	7-Dec, 23:56
	3-5km N	Recorded	20	Projectile	W to E	N/K	8-Dec, 00:14
	3-5km N	Recorded	8	Projectile	W to E	N/K	8-Dec, 00:15
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	8-Dec, 00:16
	3-5km NNE	Recorded	21	Projectile	SW to NE	N/K	8-Dec, 00:55
	3-5km N	Recorded	30	Projectile	W to E	N/K	8-Dec, 01:30
	3-5km N	Recorded	10	Projectile	W to E	N/K	8-Dec, 01:32
	3-5km N	Recorded	15	Projectile	W to E	N/K	8-Dec, 01:33
	3-5km N	Recorded	25	Projectile	W to E	N/K	8-Dec, 01:41
	3-5km N	Recorded	8	Projectile	W to E	N/K	8-Dec, 01:42
	3-5km N	Recorded	9	Projectile	W to E	N/K	8-Dec, 01:43
	3-5km N	Recorded	8	Projectile	W to E	N/K	8-Dec, 01:44
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	8-Dec, 02:54
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	8-Dec, 16:33
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	8-Dec, 16:34
	3-5km N	Recorded	3	Projectile	W to E	N/K	8-Dec, 16:34
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	8-Dec, 16:35
	3-5km N	Recorded	4	Projectile	W to E	N/K	8-Dec, 16:36
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	8-Dec, 16:36
	3-5km N	Recorded	3	Projectile	W to E	N/K	8-Dec, 16:40
	3-5km N	Recorded	6	Projectile	W to E	N/K	8-Dec, 16:42
	3-5km N	Recorded	3	Projectile	W to E	N/K	8-Dec, 16:45
	3-5km N	Recorded	3	Muzzle flash	W to E	N/K	8-Dec, 16:45
	3-5km N	Recorded	2	Projectile	W to E	N/K	8-Dec, 16:52
	3-5km N	Recorded	1	Muzzle flash	W to E	N/K	8-Dec, 16:52
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km SSW	Heard	3	Burst	Undetermined	N/K	7-Dec, 21:07-21:08
	2-4km SSW	Heard	12	Burst	Undetermined	N/K	7-Dec, 21:38-21:42

About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-4km S	Heard	7	Burst		HMG	8-Dec, 10:55
Krasnohorivka (government-controlled, 24km N of Donetsk)	5-7km S	Heard	6	Explosion	Undetermined	N/K	8-Dec, 11:54
Hranitne (government-controlled, 60km S of Donetsk)	2-3km SW	Heard	10	Burst		HMG	8-Dec, 11:00-11:15
About 2.5km S of Novohryhorivka (government-controlled, 55km S of Donetsk)	2km S	Heard	22	Shot		Small arms	8-Dec, 11:48-12:13
	2km S	Heard	90	Burst		HMG	8-Dec, 11:48-12:13
About 1km N of Zaichenko (non-government-controlled, 93km S of Donetsk)	7-8km S	Heard	48	Explosion	Undetermined	N/K	8-Dec, 14:15
About 500m NE of Lebedynske (government-controlled, 99km S of Donetsk)	2-4km SE	Heard	34	Explosion	Outgoing	Mortar (type N/K)	8-Dec, 14:05-14:29
	2-4km SE	Heard	5	Explosion	Outgoing	AGL	8-Dec, 14:05-14:29
	2-4km SE	Heard	70	Shots and bursts		HMG	8-Dec, 14:05-14:29
Styla (non-government-controlled, 34km S of Donetsk)	2-3km SE	Heard	1	Explosion	Undetermined	N/K	8-Dec, 09:36
NE edge of Kashtanove (non-government-controlled, 13km N of Donetsk)	550m NW	Heard	6	Shot		Small arms	8-Dec, 10:54
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1.5km NW	Heard	6	Burst		HMG	8-Dec, 13:36
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	2-4km ESE	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area near Zolote)	N/K	7-Dec, 22:43
	2-4km ESE	Recorded	3	Projectile	SW to NE (assessed as outside the disengagement area near Zolote)	N/K	7-Dec, 22:43
1 Km N of Kruhlyk (non-government-controlled, 31km SW of Luhansk)	0.5km E	Heard	6	Burst		Small arms	8-Dec, 13:15
Popasna (government-controlled, 69km W of Luhansk)	4-7km E	Heard	10	Explosion	Undetermined	N/K	7-Dec, 18:58-19:50
	4-7km E	Heard	8	Shots and bursts		HMG	7-Dec, 18:58-19:50
	4-7km E	Heard	4	Shots and bursts		Small arms	7-Dec, 18:58-19:50

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).