

Daily Report 259/2019

1 November 2019¹

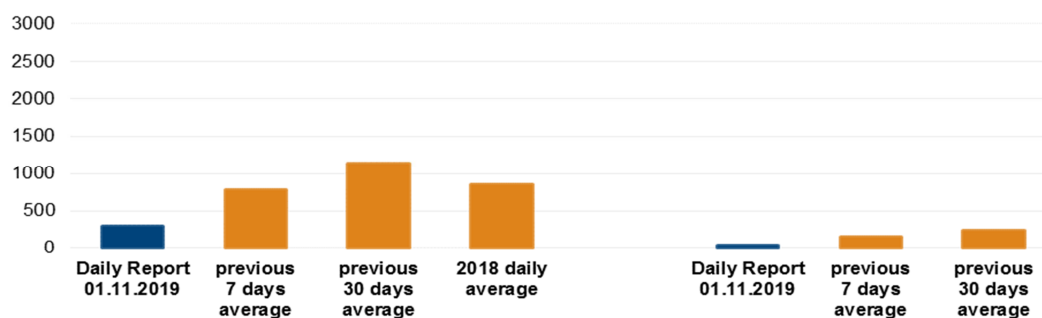
Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in Donetsk region. It recorded no ceasefire violations in Luhansk region.
- The SMM saw a crater in the yard of a residential house in Zolote-5/Mykhailivka.
- The SMM observed further withdrawal of forces and hardware from the Zolote disengagement area.
- Inside the Stanytsia Luhanska disengagement area, the Mission continued to observe construction works at the broken section of the bridge.
- The Mission recorded no violations inside all three disengagement areas.
- The SMM observed two weapons in violation of withdrawal lines in government-controlled and non-government-controlled areas of Donetsk region.
- The Mission observed two convoys consisting of trucks with Russian Federation licence plates in non-government-controlled of Donetsk city and Luhansk city.
- The SMM continued to observe long queues of civilians travelling across the contact line in Donetsk region.
- The SMM monitored adherence to the ceasefire to facilitate the operation of and repairs to critical civilian infrastructure on both sides of the contact line.
- Restrictions of the SMM's freedom of movement continued, including at checkpoints near non-government-controlled Zaichenko and Novoazovsk.*

Ceasefire violations²

Number of recorded ceasefire violations

Number of recorded explosions



¹ Based on information from the Monitoring Teams as of 19:30, 31 October 2019. 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 in Shyrokyne and Stanytsia Luhanska were not operational. On the night of 30-31 October, fog limited the observation capabilities of majority of the majority of SMM cameras.

³ Including explosions.

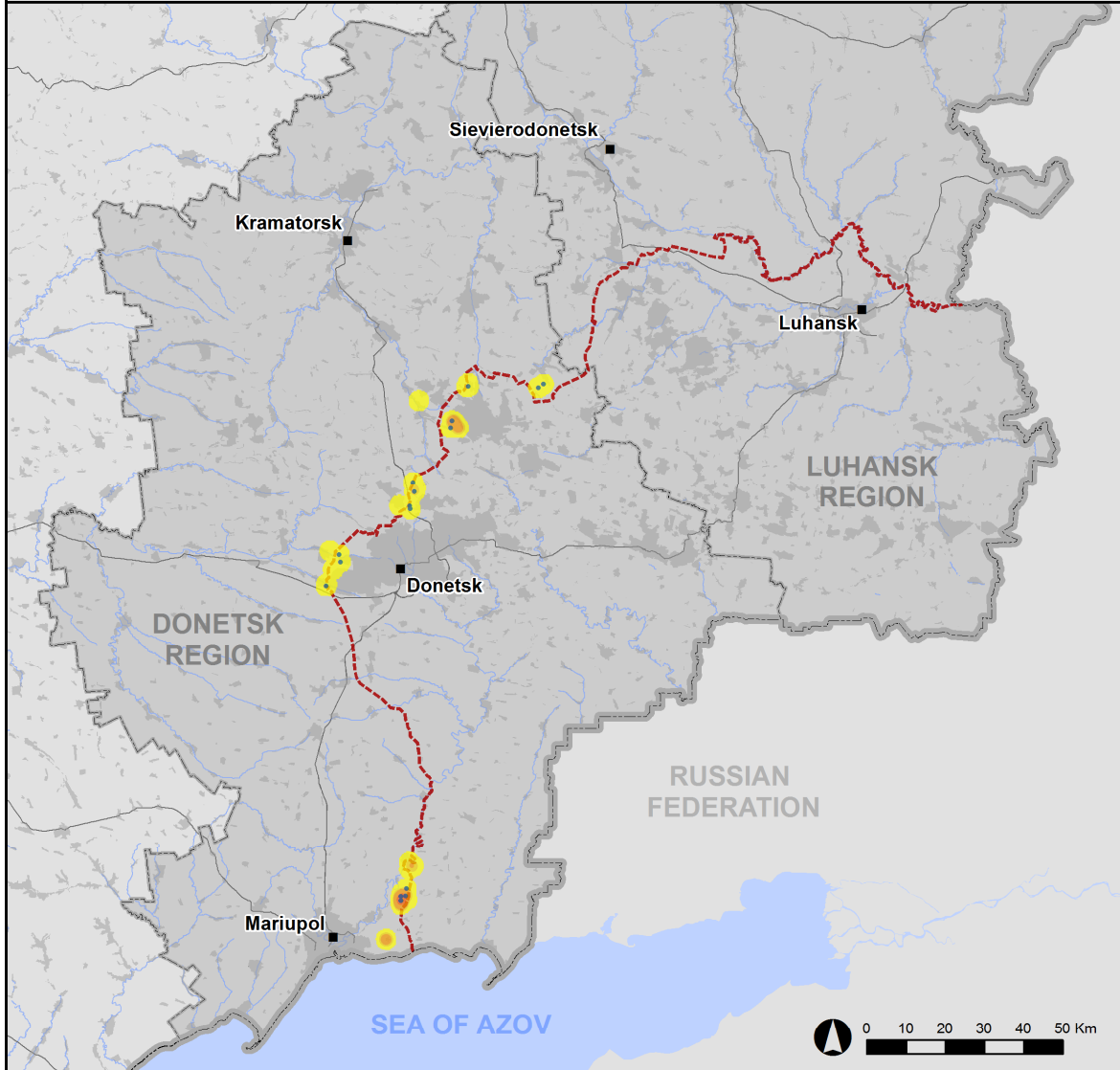
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

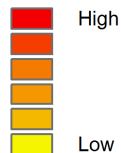


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 31 October 2019



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: 01/11/2019

In Donetsk region, the SMM recorded fewer ceasefire violations, including fewer explosions (about 40), compared with the [previous reporting period](#) (about 60 explosions). The majority of ceasefire violations, were recorded at southerly directions of Pyshevyk (government-controlled, 84km south of Donetsk) and in areas west and west-north-west of Horlivka (non-government-controlled, 39km north-east of Donetsk).

In Luhansk region, the Mission recorded no ceasefire violations. In the [previous reporting period](#), it had recorded two explosions.

Crater in a residential area of Zolote-5/Mykhailivka

On 2 Kutuzova Street in the western part of Zolote-5/Mykhailivka (non-government-controlled, 58km north-west of Luhansk), about 80m south of the most forward position of the armed formations, the Mission saw a crater (about 1.5m in diameter) in a yard about 5m north of a one-storey inhabited house. The Mission assessed the crater as fresh; however it could not assess the type of weapon used or direction of fire.

Disengagement process at the Zolote disengagement area⁵

On 31 October, the SMM continued to observe withdrawal of forces and hardware from the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk) (see the [SMM Spot Report 29 October 2019](#)).

Between 11:50 and 12:42, while positioned at the checkpoint of the Ukrainian Armed Forces on the northern edge of the disengagement area, the SMM saw two trucks arriving from the direction of Katerynivka (government-controlled, 64km west of Luhansk), inside the disengagement area, to the checkpoint of the Ukrainian Armed Forces about 300m north of the disengagement area. Positioned in the same location, the SMM also saw five military trucks arriving from the direction of Zolote-4/Rodina (government-controlled, 61km west of Luhansk) to the aforementioned checkpoint. It saw in total 21 Ukrainian Armed Forces personnel (armed with AK-type assault rifles) disembarking the trucks at the aforesaid checkpoint.

On the same day, inside the disengagement area, the Mission also observed two paint marks across road T-1316 (parallel lines in red and white colours) about 80m south of the disengagement area's northern edge.

On the afternoon of the same day, positioned at the checkpoint of the armed formations on the southern edge of the disengagement area, the SMM saw a truck with two blue containers (with "JCCC" written on them in Russian), which were placed on the western side of road T-1316 about 20-30m south of the aforementioned checkpoint, outside the disengagement area.

On 30 October, inside the disengagement area, an SMM mini-unmanned aerial vehicle (UAV) spotted six persons, assessed as Ukrainian Armed Forces personnel, and a truck in Katerynivka about 450m south of the area's southern edge and about 1.3km east of its western edge. At 12:14, about 500m further north-east, also in Katerynivka, the UAV spotted six persons in a truck and one standing next to it, assessed as Ukrainian Armed Forces personnel. About ten minutes later, the UAV spotted the same truck driving from

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

Katerynivka, inside the disengagement area, to a location outside the disengagement area, just north of the checkpoint of the Ukrainian Armed Forces on its northern edge.

On the same day, inside the disengagement area, about 35m east of road T-1316 and about 60m south of the disengagement area's northern edge, an SMM mini-UAV spotted three trucks and about 12 persons, assessed as Ukrainian Armed Forces personnel, installing an about 165m-long barbed wire barrier running from west to east. The UAV also spotted them installing another 250m-long barbed wire barrier about 25m east of the first one's end running from south-east to north-east, starting from inside the disengagement area and extending about 180m outside of it (for previous observations in the area, see [SMM Daily Report 31 October 2019](#)).

On the same day, inside the disengagement area, the same UAV spotted two persons, assessed as members of the armed formations, about 950m north of the area's southern edge and 850m west of its eastern edge. The UAV also spotted a green civilian vehicle inside the positions of the armed formations about 150m north of its southern edge and about 800m west of its eastern edge (for recent observations, see [SMM Daily Report 31 October 2019](#)).

Disengagement areas near Stanytsia Luhanska and Petrivske

On 31 October, inside **the disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM saw 11 workers from government-controlled areas clearing vegetation on the western side of the road near a shelter of an international humanitarian organization north of the Stanytsia Luhanska bridge (15km north-east of Luhansk); 15 workers working on two main support pillars of the bridge as well as removing mould pieces of the abutment for the deck of the bridge and welding anchor points for the metal beams; ten workers welding parts of a pillar at the southern edge of the broken section of the bridge; and a bulldozer clearing the area and loading debris into a truck in an area west of the southern part of the broken section of the bridge. The Mission also saw a loader removing sand bags and tyres from the area under the broken section of the bridge, following the [removal](#) of sand-filled tyres and of a blue container, as well as a truck driving and disembarking iron railings at the metal section of bridge.

It also observed seven workers from non-government-controlled areas clearing vegetation west of the road near a shelter of an international humanitarian organization south of the checkpoint of the armed formations; six workers burning vegetation about 20m south-west of the aforementioned shelter; and 11 workers laying asphalt and gravel at the parking lot south-east of the checkpoint of the armed formations south of the bridge. The SMM also saw five members of the armed formations (wearing armbands with "JCCC" written on them) between the broken section of the bridge and the checkpoint of the armed formations south of the bridge.

Withdrawal of weapons

The SMM continued to monitor the withdrawal of weapons in implementation of the Memorandum and the Package of Measures and its Addendum.

The Mission observed two weapons in violation of withdrawal lines in government-controlled and non-government-controlled areas of Donetsk region. It also observed two weapons beyond withdrawal lines but outside of designated storage in government-controlled areas of Donetsk region (for further details, see the tables below).

Weapons that the SMM could not verify as withdrawn⁶

At a two heavy weapons holding areas in a government-controlled area of Luhansk region
31 October

The SMM noted that:

- ten self-propelled howitzers (2S1 *Gvozdika*, 122mm) were present;
- two mortars (M120-15 *Molot*, 120mm) were seen for the first time; and
- 25 self-propelled howitzers (23 2S3 *Akatsiya*, 152mm and two 2S1) and 15 towed howitzers (D-30 *Lyagushka*, 122 mm) continued to be missing.

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

The SMM observed military and military-type presence inside the security zone on both sides of the contact line in Donetsk and Luhansk regions, including two armoured personnel carriers in a residential area of Novhorodske (government-controlled, 35km north of Donetsk) (for further details, see the table below)).

Presence of anti-tank mines near government-controlled Troitske and unexploded ordnance (UXO) between government-controlled Tonenke and Vodiane

On 30 October, an SMM mini-UAV [again](#) spotted about 35 anti-tank mines (part of a previously observed minefield comprising 150 anti-tank mines about 3km east of Troitske (government-controlled, 30km north of Donetsk)).

On 31 October, the SMM [again](#) saw six metal objects, assessed as UXO, embedded in asphalt roads C051802 and C051803 between Tonenke (government-controlled, 19km north-west of Donetsk) and Vodiane (government-controlled, 15km north-west of Donetsk), out of which four were assessed as fragments of 122mm rockets and two as fragments of artillery shells.

Two convoys consisting of trucks with Russian Federation licence plates in non-government-controlled of Donetsk city and Luhansk city

On the morning of 31 October, the SMM observed a convoy of 20 trucks with Russian Federation licence plates (with “Humanitarian Aid from the Russian Federation” written in Russian on two of them) accompanied by five vehicles with “DPR” plates entering a walled compound at 1a Baumana Street in Donetsk city’s Budonivskyi District. The SMM saw 15 workers from the non-government-controlled areas unloading the content of the trucks.

On the same day, the SMM saw a convoy of 12 trucks with Russian Federation licence plates (with “Humanitarian Aid from the Russian Federation” written in Russian on four of them) accompanied by four vehicles with “LPR” plates entering a walled compound at Darhomyzhskoho Street in the southern part of non-government-controlled Luhansk city (for previous observations in the area, see [SMM Daily Report 18 October 2019](#)).

⁶ The SMM observed weapons that could not be verified as withdrawn, as their storage did not comply with the criteria set out in the 16 October 2015 notification from the SMM to the signatories of the Package of Measures on effective monitoring and verification of the withdrawal of heavy weapons.

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

Situation at checkpoints along the contact line

The SMM continues to see long queues at the entry-exit checkpoints (EECPs) of the Ukrainian Armed Forces and at checkpoints of the armed formations along the contact line. At a checkpoint on highway H-15 in Kremynets (non-government-controlled, 16km south-west of Donetsk), the SMM saw about 220 cars and 40 pedestrians queuing to enter government-controlled areas and about 80 cars and four buses in a queue in the opposite direction.

SMM facilitation of repairs to civilian infrastructure

The Mission continued to monitor adherence to the ceasefire to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) and maintenance of the Phenol Sludge Reservoir near Zalizne (formerly Artemove, government-controlled, 42km north-east of Donetsk).

Border areas not under government control

While at a border crossing point near Izvaryne (52km south-east of Luhansk) for about 30 minutes, the SMM saw three cars with Ukrainian licence plates entering Ukraine.

While at a pedestrian border crossing point near Verkhnoharasymivka (57km south-east of Luhansk) for about 30 minutes, the SMM saw eight pedestrians (two women and six men) entering Ukraine.

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

***Restrictions of the SMM's freedom of movement or other impediments to fulfilment of its mandate**

The SMM's monitoring and freedom of movement are restricted by security hazards and threats, including risks posed by mines, UXO and other impediments – which vary from day to day. The SMM's mandate provides for safe and secure access throughout Ukraine. All signatories of the Package of Measures have agreed on the need for this safe and secure access, that restriction of the SMM's freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the Joint Centre for Control and Co-ordination (JCCC) should contribute to such response and co-ordinate mine clearance. Nonetheless, the armed formations in parts of Donetsk and Luhansk regions frequently deny the SMM access to areas adjacent to Ukraine's border outside control of the Government (for example, see [SMM Daily Report 26 October 2019](#)). The SMM's operations in Donetsk and Luhansk regions remain restricted following [the fatal incident of 23 April 2017 near Pryshyb](#); these restrictions continued to limit the Mission's observations.

Denial of access:

- At a checkpoint north of Zaichenko (non-government-controlled, 93km south of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage towards Sakhanka (non-government-controlled, 97km south of Donetsk), citing “ongoing demining activities”.
- At a checkpoint on the northern edge of Novoazovsk (non-government-controlled, 102km south-east of Donetsk), an armed member of the armed formations [again](#) denied the SMM access south towards Novoazovsk, citing “orders from superiors”.

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.

Delay:

- At a checkpoint west of Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), two members of the armed formations (one of them visibly armed) allowed the SMM to proceed only after 23 minutes of waiting.

Other impediments:

- An SMM mini-UAV experienced signal interference, assessed as due to probable jamming, while flying near Viktorivka (non-government-controlled, 42km south-west of Donetsk).⁸

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

Table of weapons

Weapons in violation of the withdrawal lines

Date	No.	Type	Location	Source of observation
Government-controlled areas				
30/10/2019	1	Surface-to-air missile system (9K35, <i>Strela-10</i>)	Near Vynohradne (101km south of Donetsk)	Mini-UAV
Non-government-controlled areas				
30/10/2019	1	Tank (T-64)	Near Novohryhorivka (61km north-east of Donetsk)	Mini-UAV

Beyond withdrawal lines but outside of designated storage sites

Date	No.	Type	Location	Source of observation
Government-controlled areas				
31/10/2019	1	Surface-to-air missile system (9K33 <i>Osa</i>)	Near Kasianivka (81km south of Donetsk)	Patrol
31/10/2019	1	Surface-to-air missile system (9K33 <i>Osa</i>)	Near Polkove (65km south of Donetsk)	Patrol

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
30/10/2019	2	Armoured personnel carrier (BTR-70 or BTR-80)	Near Troitske (30km north of Donetsk)	Mid-range
	1	Armoured personnel carrier (BTR-80)		
	1	Armoured combat vehicle		
	1	Armoured personnel carrier (BTR-80)	Near Verkhnotoretske (23km north-east of Donetsk)	Mini-UAV
	1	Self-propelled anti-aircraft system (ZSU-23-4 <i>Shilka</i> , 23mm)		
	1	Combat reconnaissance vehicle (BRDM-2)		
	1	Infantry fighting vehicle (BMP variant)		
		2	Infantry fighting vehicle (BMP-1)	Near Marinka (23km south-west of Donetsk)
31/10/2019	1	Infantry fighting vehicle (BMP variant)	Near Zolote (60km west of Luhansk)	Patrol
31/10/2019	1	New police checkpoint on road T-1316	Zolote-2/Karbonit (60km west of Luhansk)	Patrol
31/10/2019	1	Infantry fighting vehicle (BTR-4 <i>Hrim</i>)	Near Novobakhmutivka (28km north of Donetsk)	Patrol
31/10/2019	2	Armoured personnel carriers (BTR variant)	In a residential area of Novhorodske (35km north of Donetsk)	Patrol
Non-government-controlled areas				
31/10/2019	1	Armoured personnel carrier (MT-LB)	In Leninskyi district of Donetsk city	Patrol

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 31 October 2019¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	1-2km ESE	Recorded	1	Muzzle flash		N/K	30-Oct, 20:11
	1-2km ESE	Recorded	1	Projectile	N to S (subsequent to previous event)	N/K	30-Oct, 20:11
	1-2km ESE	Recorded	1	Projectile	N to S	N/K	30-Oct, 20:11
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	3	Projectile	WSW to ENE	N/K	30-Oct, 18:21
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	30-Oct, 18:24
	2-4km SE	Recorded	5	Projectile	WSW to ENE	N/K	30-Oct, 18:45
	2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	30-Oct, 19:23
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km S	Recorded	1	Explosion	Airburst	N/K	30-Oct, 19:05
	1-3km S	Recorded	1	Explosion	Undetermined	N/K	30-Oct, 19:05
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	1-3km E	Recorded	1	Projectile	S to N	N/K	30-Oct, 23:38
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km NNE	Recorded	2	Projectile	WNW to ESE (also recorded by the SMM camera in Marinka)	N/K	30-Oct, 22:22
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-2km E	Recorded	2	Projectile	WNW to ESE	N/K	30-Oct, 18:27
	1-3km E	Recorded	1	Explosion	Undetermined	N/K	30-Oct, 22:15
	1-3km E	Recorded	1	Projectile	WNW to ESE	N/K	31-Oct, 02:31
	1-3km ENE	Recorded	3	Projectile	WNW to ESE	N/K	31-Oct, 02:34
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	5-7km NNE	Recorded	4	Projectile	WSW to ENE	N/K	30-Oct, 22:22
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 84km S of Donetsk)	4-6km S	Recorded	5	Projectile	W to E	N/K	30-Oct, 20:15
	4-6km S	Recorded	3	Projectile	W to E	N/K	30-Oct, 20:16
	4-6km S	Recorded	5	Projectile	W to E	N/K	30-Oct, 20:17
	4-6km S	Recorded	1	Illumination flare	In a vertical flight	N/K	30-Oct, 20:17
	4-6km S	Recorded	4	Projectile	W to E	N/K	30-Oct, 20:18
	4-6km S	Recorded	1	Projectile	W to E	N/K	30-Oct, 20:19
	4-6km S	Recorded	8	Projectile	E to W	N/K	30-Oct, 20:26
	2-4km SSE	Recorded	17	Projectile	E to W	N/K	30-Oct, 20:28
	2-4km S	Recorded	6	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 21:40

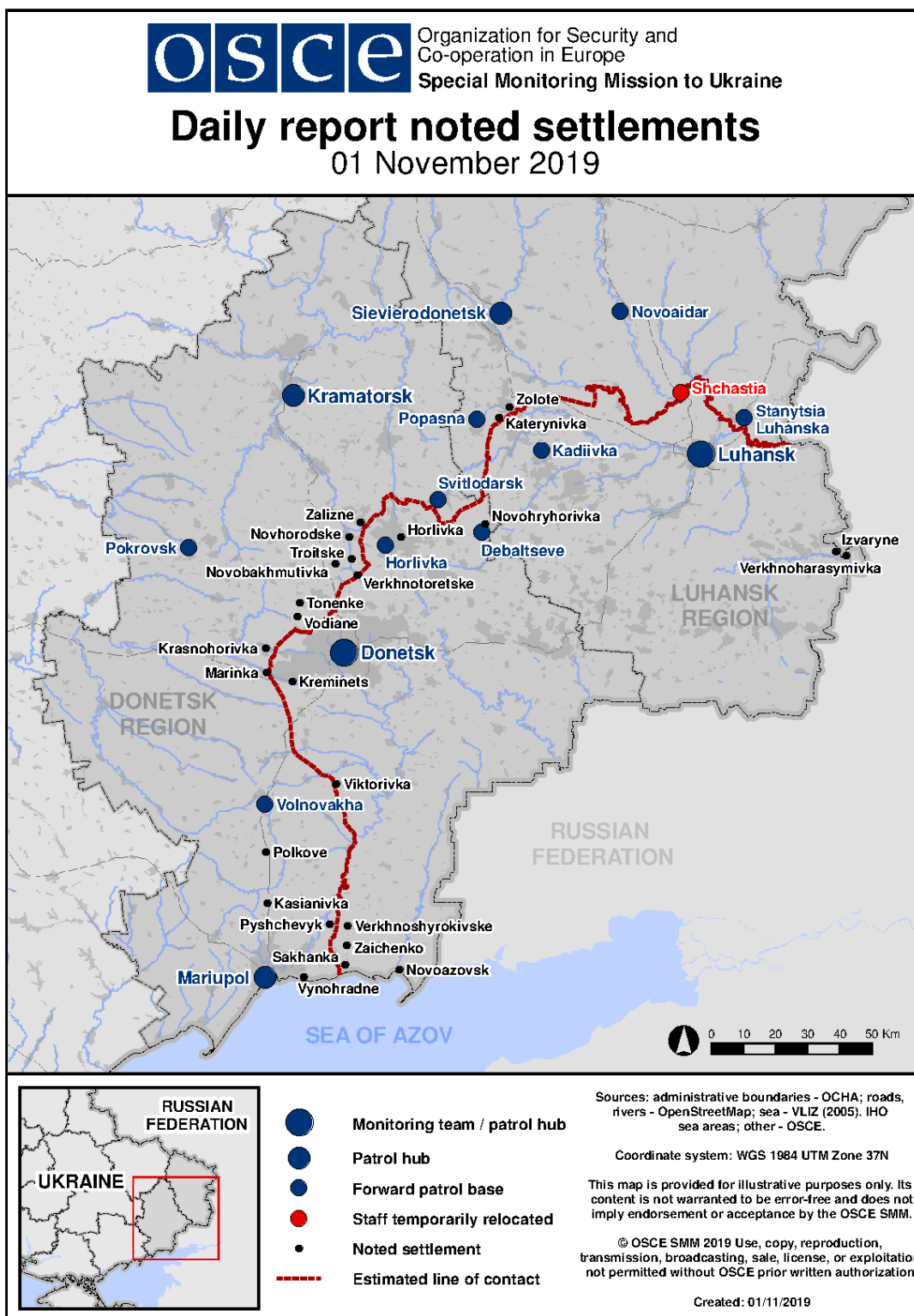
¹⁰ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, and 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 and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-4km S	Recorded	5	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 21:52
	2-4km S	Recorded	1	Illumination flare	In vertical flight (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 21:52
	2-4km S	Recorded	1	Explosion	Undetermined (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:00
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	30-Oct, 23:01
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	30-Oct, 23:02
	3-5km S	Recorded	1	Explosion	Undetermined, (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:04
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	30-Oct, 23:05
	3-5km S	Recorded	2	Explosion	Undetermined, (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:06
	3-5km S	Recorded	1	Explosion	Undetermined, (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:07
	3-5km S	Recorded	4	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:11
	3-5km S	Recorded	8	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:12
	3-5km S	Recorded	4	Projectile	W to E	N/K	30-Oct, 23:13
	3-5km S	Recorded	3	Projectile	In vertical flight, (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:13
	3-5km S	Recorded	2	Projectile	E to W (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:15
	3-5km S	Recorded	1	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:15
	3-5km S	Recorded	7	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:16
	3-5km S	Recorded	5	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:17
	3-5km S	Recorded	4	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:32
	3-5km S	Recorded	4	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:33

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-4km S	Recorded	4	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:34
	2-4km S	Recorded	2	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:48
	2-4km S	Recorded	4	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:49
	2-4km S	Recorded	1	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:50
	2-4km S	Recorded	6	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:51
	2-4km S	Recorded	3	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	30-Oct, 23:52
	2-4km S	Recorded	3	Projectile	E to W	N/K	31-Oct, 00:03
	2-4km S	Recorded	2	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	31-Oct, 00:28
	2-4km S	Recorded	1	Projectile	W to E	N/K	31-Oct, 00:39
	2-4km S	Recorded	1	Projectile	W to E	N/K	31-Oct, 00:46
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	31-Oct, 00:50
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	31-Oct, 00:50
	2-4km SSE	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	31-Oct, 00:50
	2-4km S	Recorded	1	Projectile	In vertical flight (also recorded by the SMM camera in Hnutove)	N/K	31-Oct, 02:40
	2-4km S	Recorded	1	Projectile	N to S (also recorded by the SMM camera in Hnutove)	N/K	31-Oct, 02:40
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	31-Oct, 04:10
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-3km SE	Recorded	1	Projectile	NNE to SSW	N/K	31-Oct, 16:55
	1-2km SE	Recorded	1	Projectile	NE to SW	N/K	31-Oct, 17:05
	1-2km SE	Recorded	1	Projectile	NE to SW	N/K	31-Oct, 17:07
	1-2km SE	Recorded	1	Projectile	NE to SW	N/K	31-Oct, 17:08
	1-2km SE	Recorded	2	Projectile	NE to SW	N/K	31-Oct, 17:10
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-3km NNE	Recorded	1	Projectile	W to E	N/K	31-Oct, 18:02
	1-3km NNE	Recorded	3	Projectile	SW to NE	N/K	31-Oct, 18:03
W part of Petrovskiyi (non-government-controlled, 15km SW of Donetsk city centre)	2-3km WSW	Heard	1	Explosion	Undetermined	N/K	31-Oct, 10:48

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
Staromykhailivka (non-government-controlled, 15km W of Donetsk)	2-3km WSW	Heard	1	Explosion	Undetermined	N/K	31-Oct, 11:55
About 800m ESE of Kruta Balka (non-government-controlled, 16km N of Donetsk)	2-3km NNW	Heard	3	Burst		Small arms	31-Oct, 11:02
	3-5km NNW	Heard	3	Explosion	Undetermined	N/K	31-Oct, 11:20
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km WSW	Heard	1	Explosion	Undetermined	N/K	31-Oct, 09:56
	2-4km NNW	Heard	2	Explosion	Undetermined	N/K	31-Oct, 12:58
	2-4km NNW	Heard	1	Shot		Small arms	31-Oct, 13:05
	2-4km NNW	Heard	4	Burst		Small arms	31-Oct, 13:05
	2-4km NNW	Heard	1	Burst		Small arms	31-Oct, 13:21
Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km E	Heard	2	Explosion	Undetermined	N/K	31-Oct, 11:55
About 2km SE of Sakhanka (non-government-controlled, 97km S of Donetsk)	2-3km NW	Heard	Uncontrollable	Shot	Overlapping	Small arms	31-Oct, 12:30-12:36
	2-3km NW	Heard	3	Burst		Small arms	31-Oct, 12:30-12:36
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	3-4km ENE	Heard	5	Explosion	Undetermined	N/K	31-Oct, 10:51-10:52
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km WNW	Heard	2	Explosion	Undetermined	N/K	30-Oct, 18:40
	4-5km WNW	Heard	3	Burst		HMG	30-Oct, 19:21
	2-3km W	Heard	23	Shot		Small arms	30-Oct, 20:18-20:19
	4-5km WNW	Heard	2	Explosion	Undetermined	N/K	30-Oct, 21:17
	4-5km WNW	Heard	3	Burst		HMG	30-Oct, 21:30
	4km WNW	Heard	25	Burst		HMG	30-Oct, 21:40
	4-5km W	Heard	2	Explosion	Undetermined	N/K	30-Oct, 21:40
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard	2	Explosion	Undetermined	N/K	30-Oct, 20:57-21:00
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	30-Oct, 22:01-22:04
	3-5km SSE	Heard	1	Explosion	Undetermined	N/K	30-Oct, 22:50
E edge of Zalizne (government-controlled, 42km NE of Donetsk)	2-3km W	Heard	1	Shot		Small arms	31-Oct, 09:38

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 has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations. The SMM uses the premises during daylight hours and patrols in this settlement during daylight hours, as well).