

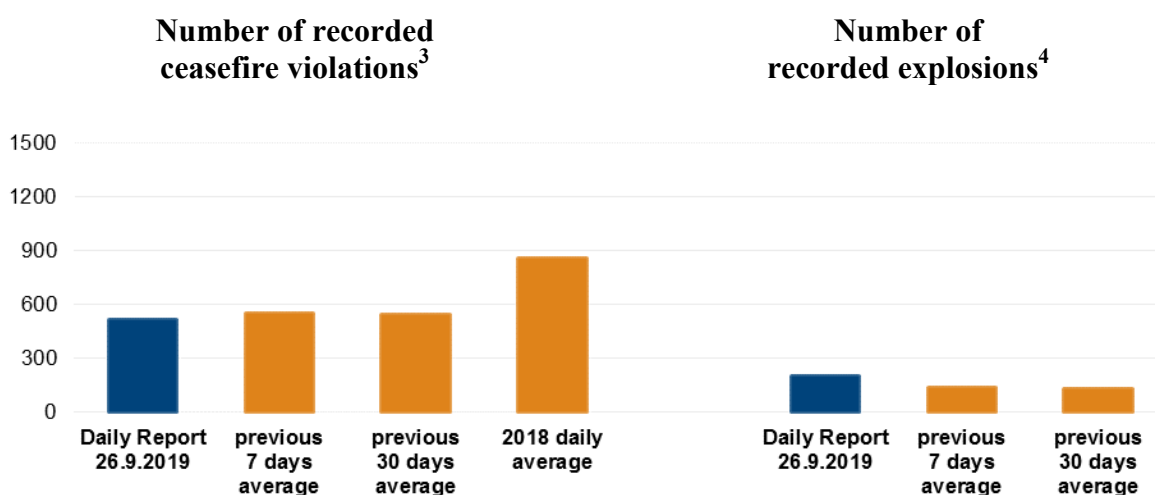
Daily Report 228/2019

26 September 2019¹

Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in Donetsk region and a similar number in Luhansk region.
- The SMM followed up on injuries sustained by a woman due to shelling in Roza.
- Inside the Stanytsia Luhanska disengagement area, the SMM saw workers from government-controlled areas working on the pedestrian bypass bridge, painting steel cables on both sides of the road north of the bridge, and cutting trees and clearing vegetation.
- The SMM again observed anti-tank mines near the Petrivske disengagement.
- It saw weapons in violation of withdrawal lines on both sides of the contact line.
- The SMM monitored adherence to the ceasefire to facilitate repairs and the operation of critical civilian infrastructure, including repairs to water pipelines between Zolote-3/Stakhanovets and Popasna, water pipelines near Kamianka and Zaitseve and an electricity substation in Betmanove, as well as the drilling of wells near Raivka.
- Restrictions of the Mission's access continued, including at a non-government-controlled checkpoint near the Petrivske disengagement area and a heavy weapons holding area in government-controlled areas of Donetsk region.*

Ceasefire violations²



¹ Based on information from the Monitoring Teams as of 19:30, 25 September 2019. All times are in Eastern European Summer Time.

² For a complete breakdown of ceasefire violations, please see the annexed table.

³ Including explosions.

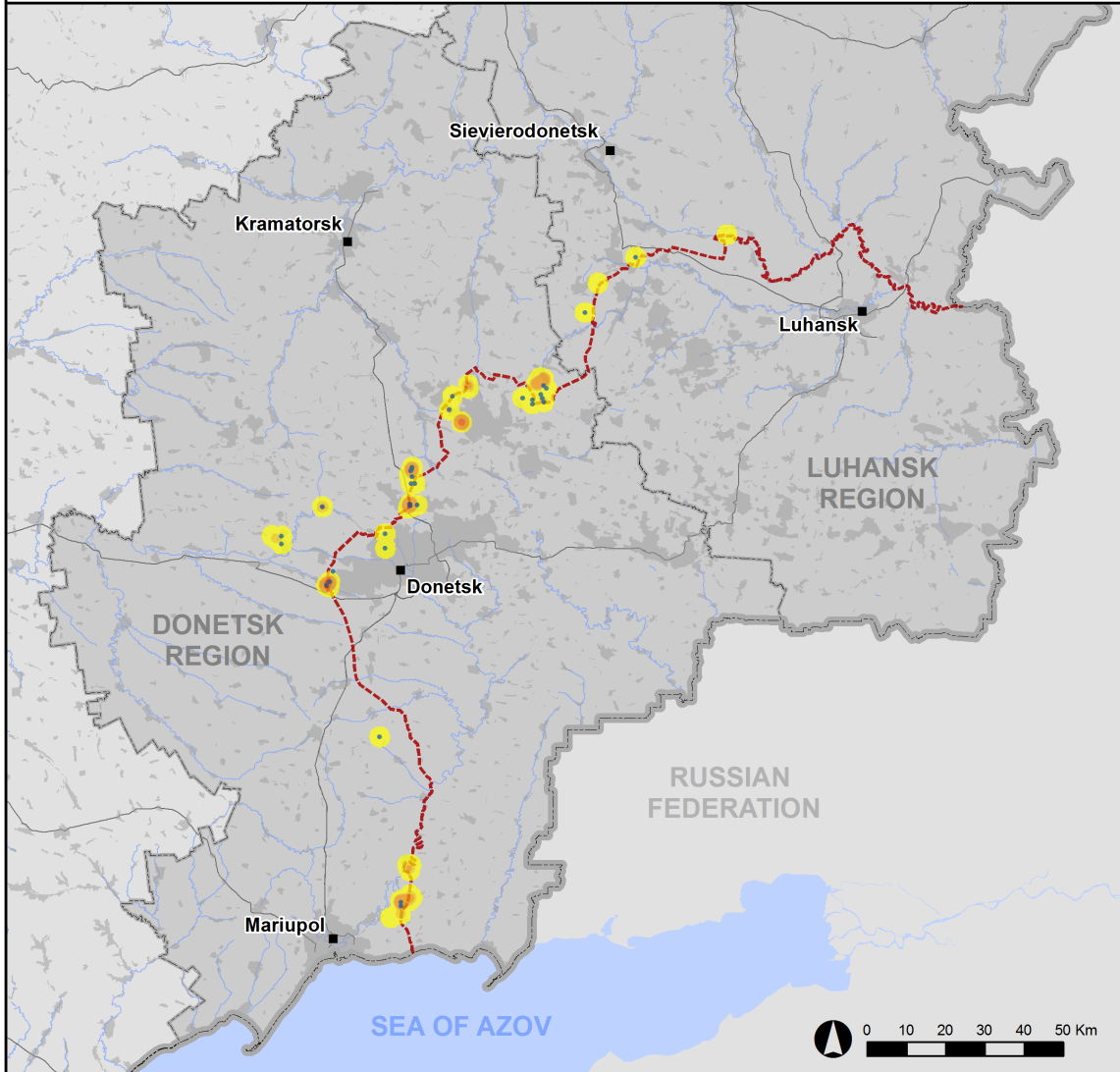
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

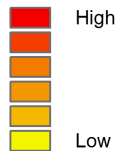


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 25 September 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: 26/09/2019

In Donetsk region, the SMM recorded fewer ceasefire violations, including, however, more explosions (about 200), compared with the [previous reporting period](#) (about 55 explosions). The majority of ceasefire violations were recorded north-west of Horlivka (non-government-controlled, 39km north-east of Donetsk), at southerly and south-south-westerly directions of the Donetsk Filtration Station (DFS) (15km north of Donetsk), including three impacts within 500m of the SMM camera, at southerly and south-easterly directions of Pyshevyk (government-controlled, 84km south of Donetsk), and at a north-north-easterly direction of Marinka (government-controlled, 23km south-west of Donetsk).

In Luhansk region, the SMM recorded a similar number of ceasefire violations, including three explosions, compared with the [previous reporting period](#) (five explosions). The majority of ceasefire violations were recorded south-south-west of Kriakivka (government-controlled, 38km north-west of Luhansk), south-east of Popasna (government-controlled, 69km west of Luhansk), south-west of Pervomaisk (non-government-controlled, 58km west of Luhansk), and east of Zolote (government-controlled, 60km west of Luhansk) (see below).

Woman injured by shelling in Roza

On 25 September, the SMM followed up on reports of a woman (aged 80) injured by shelling in Roza (non-government-controlled, 89km south of Donetsk) on 6 September. At the residence of the woman's son in Kachkarske (non-government-controlled, 91km south of Donetsk), she told the SMM that at around 06:30 on 6 September she had been inside her one-storey house at 3 Tsentralna Street in Roza when she heard three nearby explosions and the roof of the house collapsed on top of her. The woman said she was in shock, suffered several contusions, and continues to have hearing problems. The SMM had [previously](#) seen her house among other damaged houses and reported on injuries sustained by another woman in Roza (See [SMM Daily Report 12 September 2019](#)).

Stanytsia Luhanska disengagement area

On 25 September, the SMM observed 11 personnel of the State Emergency Service (SES) of Ukraine preparing for demining activities. The SMM saw ten workers from government-controlled-areas with a crane, an excavator, and an elevator working on the foundations of the pedestrian bypass bridge east of the broken section of the Stanytsia Luhanska bridge (15km north-east of Luhansk) and fixing steel beams and wooden boards on top of the metal framework. The excavator was also excavating foundations and moving earth on the west side of the broken section of the bridge.

The SMM facilitated access for a worker from government-controlled areas to a location 10m south of the broken section of the bridge in order to mark with white paint the area where the pedestrian bypass bridge will be joined with the existing bridge. The SMM saw workers from government-controlled areas painting steel cables on both sides of the road around 400m north of the broken section of the bridge, and cutting trees and bushes around 200m north of the broken section of the bridge, on a slope on the eastern side of the road.

Between the checkpoint of the armed formations and the broken section of the bridge, the SMM saw six members of the armed formations (wearing "JCCC" armbands). The SMM also saw five deminers from non-government-controlled areas with axes on the southern side of the river in an area where the clearing of vegetation and trees is ongoing.

Other disengagement areas⁵

On 24 September, inside the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk), an SMM mini-unmanned aerial vehicle (UAV) spotted two Ukrainian Armed Forces soldiers next to a probable assault rifle about 550m south of the northern edge and about 1.2km west of the eastern edge of the disengagement area. The UAV spotted an automatic grenade launcher (AGS-17 *Plamya*, 30mm) within a trench position and a PK machine gun (7.62mm), all 200-500m south of the area's northern edge, all assessed as belonging to the Ukrainian Armed Forces. It also [again](#) spotted an armoured personnel carrier (BTR-80) and two Ukrainian Armed Forces soldiers next to it about 1.2km south of the disengagement area's northern edge and 1.3km east of its western edge.

The UAV spotted a machine gun about 5m south of the northern edge of the disengagement area near Petrivske and about 390m west of its eastern edge and a probable machine gun in a trench about 10m north of its southern edge and about 60m west of its eastern edge, all inside the disengagement area and near forward positions of the armed formations.

The UAV [again](#) spotted a trench system (about 100m-long) about 2km north-east of the north-eastern corner of the Petrivske disengagement area and a new 60m-long trench running west from a partially completed fortified checkpoint structure about 2.5km north-east of the same corner (not seen in previous imagery from 12 September 2019), all outside of the disengagement area and assessed as belonging to the armed formations. The same UAV spotted a probable recoilless gun (SPG-9, 73mm) next to a trench assessed as belonging to the armed formations, outside of the disengagement area, about 200m north-west of its north-eastern corner.

On the road between Bohdanivka (government-controlled, 41km south-west of Donetsk) and Viktorivka (non-government-controlled, 42km south-west of Donetsk), the same UAV spotted [again](#) 51 anti-tank mines laid across the road, about 160m north of the Petrivske disengagement area.

On 25 September, positioned close to the disengagement area near Petrivske, the SMM observed a calm situation.*

On the evening of 24 September, the SMM camera on the northern edge of Popasna recorded two bursts in vertical flight 4-6km east-south-east. On 25 September, positioned in Zolote the SMM heard an undetermined explosion 3-5km east. All were assessed as outside the disengagement area near Zolote.

Withdrawal of weapons

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

In total, the Mission observed 42 weapons in violation of withdrawal lines: 35 in non-government-controlled areas at the former Luhansk international airport about 10km south of

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

Luhansk city and seven near Dibrova (government-controlled, 85km north of Donetsk) (for more details, see the below table of weapons in violation of withdrawal lines as of 25 September 2019).

Weapons that the SMM could not verify as withdrawn⁶

At three heavy weapons holding areas in government-controlled areas of Donetsk region
25 September

The SMM noted that:

- eight self-propelled howitzers (2S1 *Gvozdika*, 122mm) were present for the first time; and
- 12 multiple launch rocket systems (MLRS) (BM-21 *Grad*, 122mm), 12 anti-tank guns (MT-12 *Rapira*, 100mm), 30 mortars (2B11 *Sani*, 120mm), four surface-to-air missile systems (9K35 *Strela-10*), three towed howitzers (D-44, 85mm) and 40 self-propelled howitzers (20 2S1 and 20 2S3 *Akatsiya*, 152mm) continued to be missing.

At three heavy weapons holding areas in non-government-controlled areas of Donetsk region
25 September

The SMM noted that all sites continued to be abandoned and the following weapons continued to be missing: 11 MLRS (BM-21), ten anti-tank guns (MT-12) and nine self-propelled howitzers (2S1).

Weapons permanent storage sites

At a permanent storage site in non-government-controlled areas of Donetsk region
25 September

The SMM noted that eight tanks (three T-64 and five T-72) continued to be missing.

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

Government-controlled areas

23 September

An SMM mid-range UAV spotted a reinforcement of an existing trench, about 1km from Opytne (12km north-west of Donetsk), assessed as belonging to the Ukrainian Armed Forces.

24 September

An SMM mini-UAV spotted an infantry fighting vehicle (IFV) (BMP variant) near Novhorodske (35km north of Donetsk).

25 September

The SMM saw two armoured reconnaissance vehicles (BRDM-2) in Zolote and an IFV (BTR-4) near Heivka (27km north-west of Luhansk).

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. The SMM noted that some of the sites remained abandoned.

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

Non-government-controlled areas

23 September

An SMM mid-range UAV spotted a trench extension about 105m in length running from south to north-west, about 500m of Spartak (9km north of Donetsk), assessed as belonging to the armed formations (not seen in imagery from 31 May 2019).

24 September

An SMM long-range UAV spotted:

- an anti-aircraft gun (ZU-23, 23mm) near Zhovte (17km north-west of Luhansk) and
- six IFVs (BMP-1 or -2) near Lobacheve (13km east of Luhansk).

SMM facilitation of operation of and repair works to civilian infrastructure

The SMM monitored adherence to the ceasefire to facilitate the drilling of wells near Raivka (non-government-controlled, 16km north-west of Luhansk); to enable an inspection of and repair works to water pipelines between Zolote-3/Stakhanovets (government-controlled, 61km west of Luhansk) and Popasna; to enable repairs to a water pipeline near Kamianka (government-controlled, 20km north of Donetsk); repairs to an electricity substation in Betmanove (formerly Krasnyi Partyzan, non-government-controlled, 23km north-east of Donetsk); and maintenance works to a water pipeline in Zaitseve (50km north-east of Donetsk). It continued to facilitate the operation of the DFS.

Presence of anti-tank mines near Spartak and Vodiane

On 23 September, an SMM mid-range UAV spotted for the first time four probable anti-tank mines laid across a local road on the north-western edge of Spartak, located 300-500m away from the nearest residential buildings.

On 24 September, an SMM mid-range UAV [again](#) spotted 21 anti-tank mines (TM-62) laid across road T-0519 about 2km north of Vodiane (government-controlled, 15km north-west of Donetsk), and [again](#) spotted 15 anti-tank mines on its south-eastern edge.

Boder areas not under government control

On 25 September, while at a border crossing point near Uspenka (73km south-east of Donetsk) for about an hour, the SMM saw 12 cars (three with Ukrainian and five with Russian Federation licence plates, four with “DPR” plates), three covered cargo trucks (one with Ukrainian licence plates, two with “DPR” plates), one bus with Russian Federation licence plates, and six pedestrians (four women aged 30-40 years and two men aged 40-50) entering Ukraine. It also saw 30 cars (ten with Ukrainian and 12 with Russian Federation licence plates, eight with “DPR” plates), five trucks (two with Ukrainian and three with Russian Federation licence plates), three buses with “DPR” plates, and two pedestrians (women aged 30-40) exiting Ukraine.

The Mission continued monitoring in Kharkiv, Kherson, Odessa, Lviv, Ivano-Frankivsk, 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 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 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 14 September 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 on the northern edge of Petrivske (non-government-controlled, 41km south of Donetsk), an armed member of the armed formations [again](#) denied the SMM passage citing “ongoing demining activities”, thereby restricting the SMM's access to its camera in Petrivske.
- On 24 September, personnel of the Ukrainian Armed Forces denied the SMM access to a heavy weapons holding area in a government-controlled area of Donetsk region.

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:

- On the evening of 24 September, an SMM long range-UAV lost its GPS signal due to signal interference assessed as caused by probable jamming, while flying from Illinivka (government-controlled, 56km north of Donetsk) to Alchevsk (non-government-controlled, 40km of Luhansk). The same UAV lost its GPS signal due to signal interference, assessed as jamming, while flying from Sukha Balka (government-controlled, 36km north of Donetsk) to Verkhnotoretske (government-controlled, 23km north-east of Donetsk) and over Korsun (non-government-controlled, 31km north-east of Donetsk).⁸
- On 25 September, an SMM mid-range UAV flying above Bohdanivka (government-controlled, 41km south-west of Donetsk) lost its GPS signal due to signal interference assessed as caused by probable jamming.

⁸ The interference could have originated from anywhere within a radius of kilometres from the UAV's position.

Table of weapons

Weapons in violation of withdrawal lines:

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
24/09/2019	7	Multiple-launch rocket system (BM-21 <i>Grad</i> , 122mm)	Former Luhansk international airport, about 2km north of Peremozhne (19km south of Luhansk)	Long-range UAV
	1	Self-propelled howitzer (2S3 <i>Akatsiya</i> , 152mm)		
	7	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		
	7	Towed howitzer (2A65 <i>Msta-B</i> , 152mm)		
	10	Towed howitzer (D-30 <i>Lyagushka</i> , 122mm)		
	3	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)		
Government-controlled areas				
25/09/2019	7	Multiple-launch rocket systems (BM-21 <i>Grad</i> , 122mm)	South-east of Dibrova (85km north of Donetsk)	Patrol

Beyond withdrawal lines but outside of designated storage sites:

Date	No. of weapons	Type of weapons	Location	Source of observation
Non-government-controlled areas				
24/09/2019	12	Tank (T-72)	Former Luhansk international airport, about 2km north of Peremozhne (19km south of Luhansk)	Long-range UAV
	8	Tank (T-64)		
	6	Surface-to-air missile system (9K35 <i>Strela-10</i>)		
	3	Towed mortar (2B9 <i>Vasilek</i> , 82mm)		
	3	Mortar (2B11/2S-12 <i>Sani</i> , 120mm)		
	1	Mortar (2B14 <i>Podnos</i> , 82mm)		

Table of ceasefire violations as of 25 September 2019⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	1-3km SE	Recorded	3	Projectile	W to E	N/K	24-Sep, 19:19
	1-2km SSE	Recorded	1	Projectile	WNW to ESE	N/K	24-Sep, 22:03
	2-3km SSE	Recorded	9	Projectile	NNW to SSE	N/K	24-Sep, 22:04
	2-3km SSE	Recorded	2	Projectile	WNW to ESE	N/K	24-Sep, 22:05
	2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	25-Sep, 01:14
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	16	Projectile	In vertical flight	N/K	24-Sep, 19:18
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	24-Sep, 21:57
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	24-Sep, 21:58
	200-500m S	Recorded	1	Projectile	NW to SE	N/K	24-Sep, 22:23
	200-500m SSW	Recorded	43	Explosion	Undetermined	N/K	24-Sep, 22:49
	200-500m SSW	Recorded	10	Explosion	Undetermined	N/K	24-Sep, 22:50
	200-500m SSW	Recorded	1	Explosion	Impact	N/K	25-Sep, 02:01
	200-500m SSW	Recorded	1	Explosion	Impact	N/K	25-Sep, 02:02
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km ESE	Recorded	6	Projectile	W to E	N/K	24-Sep, 20:47
	3-5km E	Recorded	4	Projectile	W to E	N/K	24-Sep, 20:48
	3-5km E	Recorded	4	Projectile	NW to SE	N/K	24-Sep, 21:05
	3-5km ESE	Recorded	1	Projectile	W to E	N/K	25-Sep, 00:17
SMM camera E of Lomakyne (government-controlled, 90km S of Donetsk)	2-4km NE	Recorded	1	Projectile	W to E	N/K	25-Sep, 02:50
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km E	Recorded	1	Projectile	N to S	N/K	24-Sep, 21:49
	1-3km ENE	Recorded	2	Projectile	S to N	N/K	24-Sep, 22:31
	1-3km ENE	Recorded	3	Projectile	NNW to SSE	N/K	24-Sep, 23:54
	1-3km E	Recorded	1	Projectile	N to S	N/K	25-Sep, 00:32
	1-3km ENE	Recorded	11	Projectile	S to N	N/K	25-Sep, 00:39
	1-3km E	Recorded	1	Projectile	WNW to ESE	N/K	25-Sep, 00:45
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-3km NNE	Recorded	10	Projectile	SSW to NNE	N/K	25-Sep, 00:09
	1-3km NNE	Recorded	8	Projectile	WSW to ENE	N/K	25-Sep, 00:11
	1-3km NNE	Recorded	1	Projectile	W to E	N/K	25-Sep, 00:12
	1-3km NNE	Recorded	1	Projectile	W to E	N/K	25-Sep, 00:13
	1-3km NNE	Recorded	2	Projectile	W to E	N/K	25-Sep, 00:15
	1-3km NNE	Recorded	2	Projectile	SSW to NNE	N/K	25-Sep, 00:18

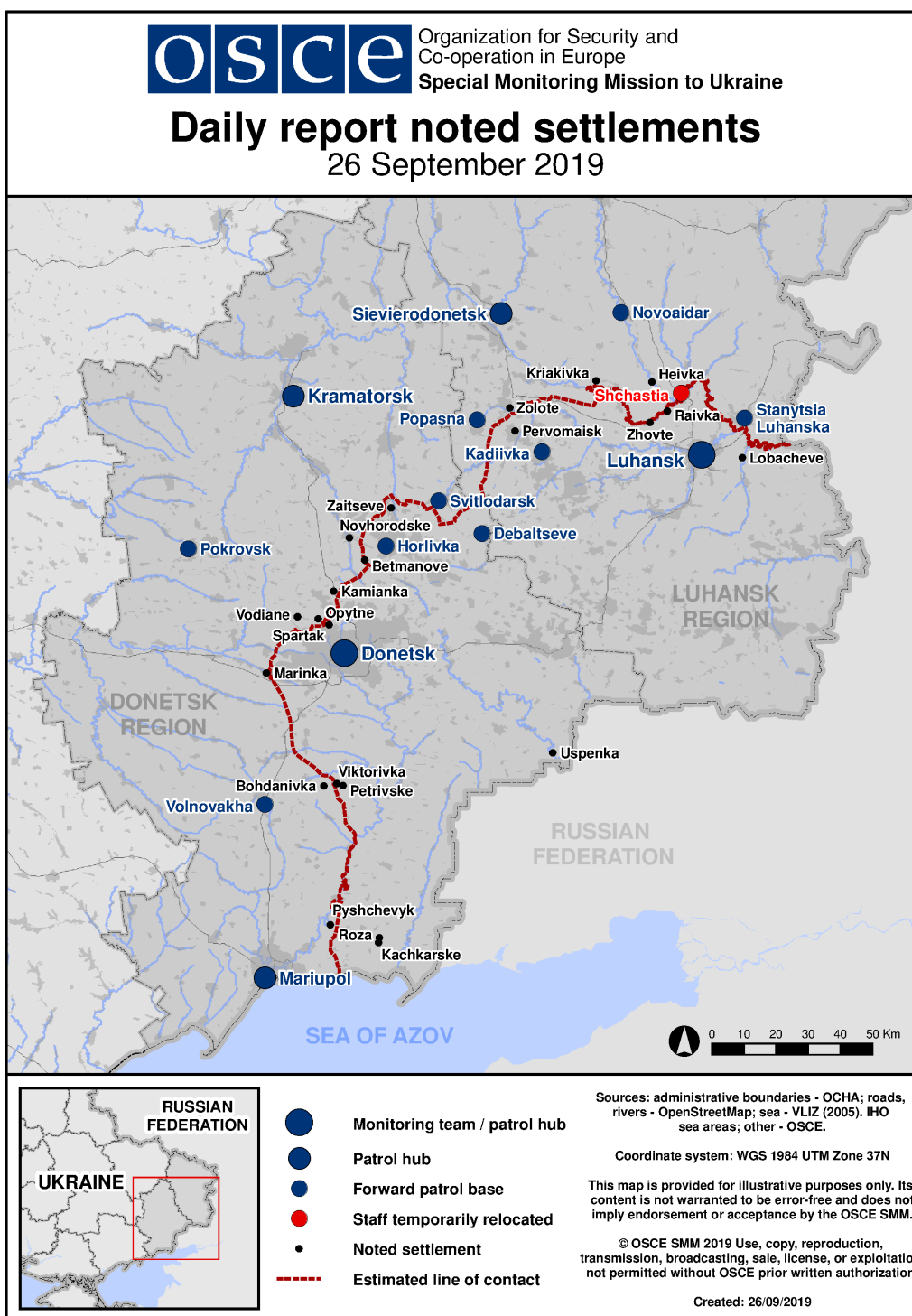
⁹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, 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.

	1-3km NNE	Recorded	1	Projectile	W to E	N/K	25-Sep, 00:19
	1-3km NNE	Recorded	3	Projectile	W to E	N/K	25-Sep, 00:20
	1-3km NE	Recorded	1	Projectile	W to E	N/K	25-Sep, 00:20
	1-3km NNE	Recorded	5	Projectile	W to E	N/K	25-Sep, 00:22
	1-3km NNE	Recorded	12	Projectile	SW to NE	N/K	25-Sep, 00:22
	1-3km NNE	Recorded	1	Projectile	W to E	N/K	25-Sep, 00:23
	1-3km NNE	Recorded	5	Projectile	SW to NE	N/K	25-Sep, 00:23
	1-3km NNE	Recorded	3	Projectile	W to E	N/K	25-Sep, 00:24
	1-3km NNE	Recorded	1	Explosion	Undetermined	N/K	25-Sep, 00:24
	1-3km NNE	Recorded	1	Projectile	W to E	N/K	25-Sep, 00:27
	1-3km NNE	Recorded	1	Projectile	SSW to NNE	N/K	25-Sep, 00:29
	1-3km NNE	Recorded	2	Projectile	W to E	N/K	25-Sep, 00:29
	1-3km NNE	Recorded	1	Projectile	SSW to NNE	N/K	25-Sep, 00:31
	1-3km NNE	Recorded	2	Projectile	W to E	N/K	25-Sep, 00:31
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 84km S of Donetsk)	6-8km S	Recorded	5	Projectile	NW to SE	N/K	24-Sep, 19:19
	6-8km S	Recorded	7	Projectile	NW to SE	N/K	24-Sep, 19:20
	4-6km S	Recorded	1	Explosion	Undetermined	N/K	24-Sep, 20:43
	3-5km S	Recorded	9	Projectile	NW to SE	N/K	24-Sep, 20:47
	3-5km SE	Recorded	5	Projectile	NE to SW	N/K	24-Sep, 20:48
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	24-Sep, 20:48
	3-5km SE	Recorded	1	Projectile	NE to SW	N/K	24-Sep, 20:55
	3-5km SSE	Recorded	4	Projectile	W to E	N/K	24-Sep, 22:06
	3-5km S	Recorded	10	Projectile	NE to SW	N/K	24-Sep, 22:15
	3-5km S	Recorded	1	Projectile	NE to SW	N/K	24-Sep, 22:18
	3-5km S	Recorded	1	Projectile	NW to SE	N/K	24-Sep, 23:02
	3-5km S	Recorded	1	Projectile	W to E	N/K	25-Sep, 00:10
	3-5km S	Recorded	4	Projectile	E to W	N/K	25-Sep, 00:16
	3-4km S	Recorded	1	Projectile	NNW to SSE	N/K	25-Sep, 00:36
	3-4km S	Recorded	3	Projectile	NE to SW	N/K	25-Sep, 01:23
	3-4km S	Recorded	2	Projectile	NW to SE	N/K	25-Sep, 01:23
	3-4km SSE	Recorded	1	Projectile	E to W	N/K	25-Sep, 01:59
	3-4km S	Recorded	3	Projectile	NW to SE	N/K	25-Sep, 02:47
	3-4km S	Recorded	3	Projectile	NW to SE	N/K	25-Sep, 02:48
	3-5km S	Recorded	5	Projectile	W to E	N/K	25-Sep, 03:01
	3-5km S	Recorded	1	Projectile	W to E	N/K	25-Sep, 03:19
	3-5km S	Recorded	1	Projectile	W to E	N/K	25-Sep, 03:20
	3-5km S	Recorded	3	Projectile	W to E	N/K	25-Sep, 03:25
3-5km S	Recorded	2	Projectile	NW to SE	N/K	25-Sep, 05:05	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	1-3km ESE	Recorded	1	Projectile	WNW to ESE	N/K	24-Sep, 18:48
	2-4km ESE	Recorded	6	Projectile	In vertical flight	N/K	24-Sep, 20:01
	2-4km ESE	Recorded	3	Projectile	In vertical flight	N/K	24-Sep, 20:02
	2-4km ESE	Recorded	4	Projectile	S to N	N/K	24-Sep, 20:40
	2-4km ESE	Recorded	12	Projectile	In vertical flight	N/K	24-Sep, 20:54

	2-4km ESE	Recorded	3	Projectile	In vertical flight	N/K	24-Sep, 22:16
	2-4km ESE	Recorded	5	Projectile	In vertical flight	N/K	24-Sep, 22:17
Central railway station in Donetsk city (non-government-controlled, 6km NW of Donetsk city centre)	2-3km NW	Heard	2	Explosion	Undetermined	N/K	25-Sep, 09:25-09:40
Donetsk city centre (non-government-controlled)	2km SE	Heard	1	Explosion	Undetermined	N/K	25-Sep, 13:44
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	4-5km E	Heard	1	Explosion	Undetermined	N/K	25-Sep, 11:00
Pervomaiske (government-controlled, 17km NW of Donetsk)	3-4km SW	Heard	3	Burst		Small arms	25-Sep, 11:20
	3-4km SSW	Heard	9	Burst		HMG	25-Sep, 11:28-11:35
	2-3km S	Heard	1	Explosion	Undetermined	N/K	25-Sep, 13:16
	4-5km S	Heard	1	Explosion	Undetermined	N/K	25-Sep, 13:36
About 5km NW of Pervomaiske (government-controlled, 17km NW of Donetsk)	3-4km NNW	Heard	9	Explosion	Undetermined	N/K	25-Sep, 14:55-15:00
	3-4km NNW	Heard	7	Burst		HMG	25-Sep, 14:55-15:00
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	3-5km NW	Heard	12	Explosion	Undetermined	N/K	25-Sep, 11:18-11:28
	3-5km NW	Heard	10	Explosion	Undetermined	N/K	25-Sep, 11:30-11:35
	3-5km NW	Heard	8	Explosion	Undetermined	N/K	25-Sep, 11:38-12:00
About 1.5km NW of Bohdanivka (government-controlled, 41km southwest of Donetsk)	5km SSW	Heard	4	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	25-Sep, 12:30-12:35
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km SE	Heard	2	Explosion	Undetermined	N/K	24-Sep, 19:47
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	24-Sep, 20:15
	6-7km SSW	Heard	2	Explosion	Undetermined	N/K	24-Sep, 21:06
	6-7km SSW	Heard	2	Explosion	Undetermined	N/K	24-Sep, 21:12
	2-3km SSE	Heard	6	Burst		HMG	24-Sep, 21:14
	2-3km SSE	Heard	4	Burst		HMG	24-Sep, 21:26
	2-3km SSE	Heard	8	Burst		HMG	24-Sep, 22:15
	6-7km SSW	Heard	2	Explosion	Undetermined	N/K	24-Sep, 22:26
	6-7km S	Heard	1	Explosion	Undetermined	N/K	24-Sep, 22:35
	7-8km SSE	Heard	2	Explosion	Undetermined	N/K	24-Sep, 22:58-22:59
	7-8km SSE	Heard	6	Explosion	Undetermined	N/K	24-Sep, 23:04-23:10
	6-7km SSE	Heard	1	Explosion	Undetermined	N/K	24-Sep, 23:12
	5-6km SSE	Heard	2	Explosion	Undetermined	N/K	24-Sep, 23:15
2-3km SSE	Heard	6	Burst		HMG	24-Sep, 23:43	

	2-3km SSE	Heard	4	Burst		HMG	24-Sep, 23:50
	7-8km S	Heard	1	Explosion	Undetermined	N/K	25-Sep, 06:40
Horlivka (non-government-controlled, 39km NE of Donetsk)	6-8km NW	Heard	9	Explosion	Undetermined	N/K	25-Sep, 07:10-07:15
	2-3km NW	Heard	80	Burst		Small arms	25-Sep, 07:12-07:15
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km NE	Heard	1	Explosion	Undetermined	N/K	25-Sep, 09:20
	2-3km E	Heard	1	Explosion	Undetermined	N/K	25-Sep, 10:11
	1-2km E	Heard	1	Explosion	Undetermined	N/K	25-Sep, 11:00
	2-3km NE	Heard	4	Shot		Small arms	25-Sep, 12:25
	2-3km NNE	Heard	1	Burst		HMG	25-Sep, 12:34
	3-4km NNE	Heard	10	Explosion	Undetermined	N/K	25-Sep, 13:12
	3-5km NNE	Heard	8	Explosion	Undetermined	N/K	25-Sep, 13:16
	4-5km NNE	Heard	10	Explosion	Undetermined	N/K	25-Sep, 13:39
	3-5km NNE	Heard	2	Explosion	Undetermined	N/K	25-Sep, 13:47
	3-5km NNE	Heard	5	Explosion	Undetermined	N/K	25-Sep, 13:57
	3-5km NNE	Heard	1	Explosion	Undetermined	N/K	25-Sep, 14:04
	3-5km NNE	Heard	10	Explosion	Undetermined	N/K	25-Sep, 14:09
	3-5km NNE	Heard	2	Explosion	Undetermined	N/K	25-Sep, 14:11
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km SW	Heard	2	Explosion	Undetermined	N/K	25-Sep, 13:14
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	2	Projectile	WNW to ESE	N/K	25-Sep, 00:02
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km ESE	Recorded	2	Burst	In vertical flight	N/K	24-Sep, 19:18
Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	25-Sep, 08:45
S edge of disengagement area near Zolote (government-controlled, 60km W of Luhansk)	11-15km SW	Heard and saw	2	Explosion	Undetermined	N/K	25-Sep, 13:36

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 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).