



Daily Report 225/2019

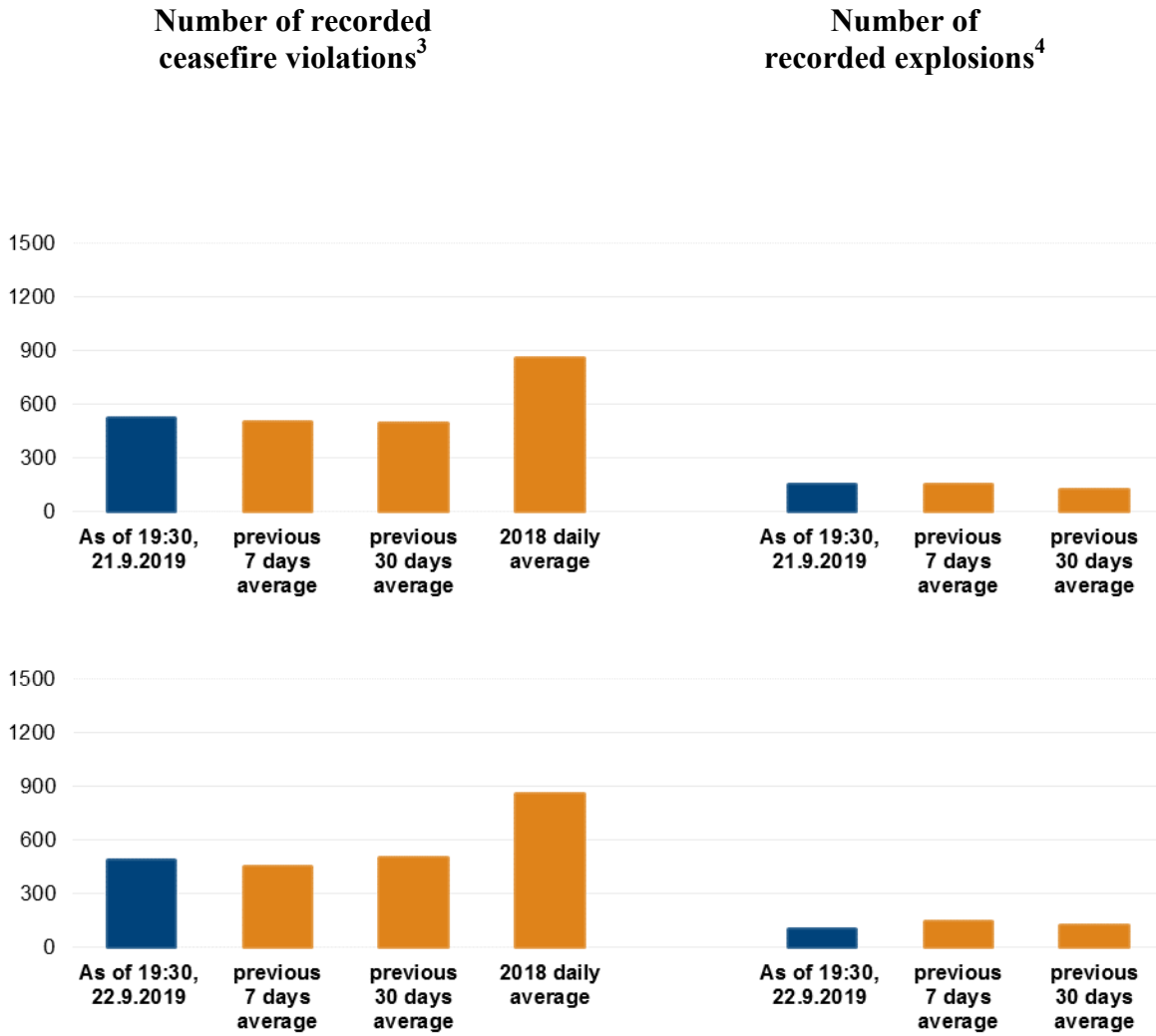
23 September 2019¹

Summary

- Compared with the previous reporting period, between the evenings of 20 and 21 September, the SMM recorded more ceasefire violations in Donetsk region and no ceasefire violations in Luhansk region.
- Between the evenings of 21 and 22 September, the Mission recorded fewer ceasefire violations in Donetsk region and more ceasefire violations in Luhansk region, compared with the previous 24 hours.
- Small-arms fire was assessed as directed at an SMM mini unmanned aerial vehicle near Bohdanivka.
- Inside the Stanytsia Luhanska disengagement area, the SMM saw workers clearing vegetation, working on pillars for the pedestrian bypass bridge, welding parts of the metal bridge structure, laying asphalt on the bridge, and cutting and welding roadside steel fencing cables.
- The SMM observed anti-tank mines near the Zolote and Petrivske disengagement areas.
- The Mission saw weapons in violation of withdrawal lines in non-government-controlled areas, including at the former Luhansk international airport.
- The SMM monitored adherence to the ceasefire to facilitate the operation of essential civilian infrastructure and the drilling of wells near Raivka.
- Restrictions of the Mission's access continued, including at checkpoints near non-government-controlled Verkhnohyrovivske, Zaichenko, and Petrivske.*

¹ Based on information from the Monitoring Teams as of 19:30, 22 September 2019. All times are in Eastern European Summer Time.

Ceasefire violations²



² For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM camera in Lomakyne was not operational between the evenings of 21-22 September.

³ Including explosions.

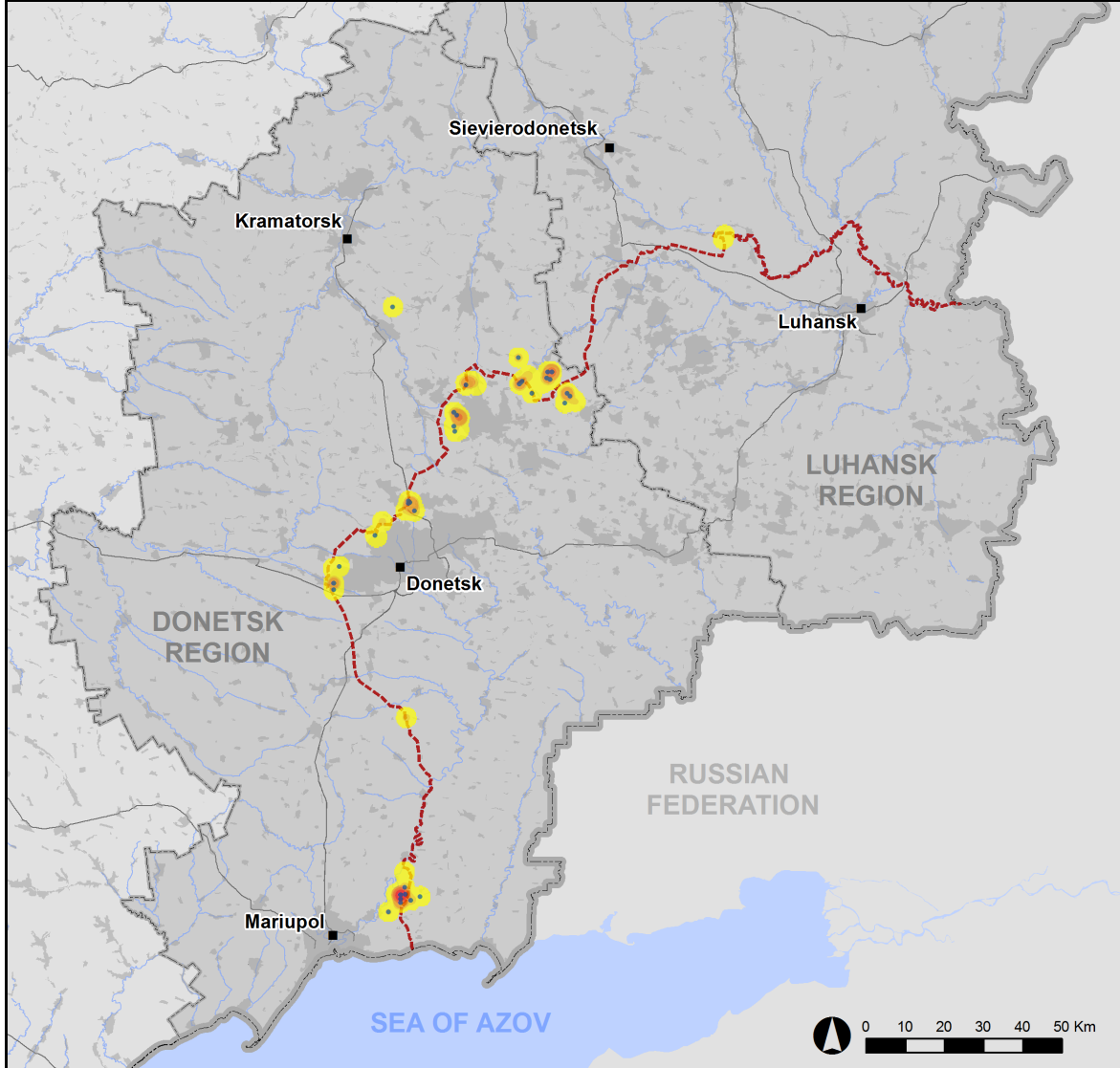
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

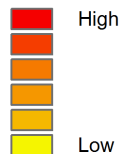


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 21-22 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: 23/09/2019

In Donetsk region, between the evenings of 20 and 21 September, the SMM recorded more ceasefire violations, including, however, fewer explosions (about 110), compared with the [previous reporting period](#) (about 135 explosions). More than 65 per cent of ceasefire violations, including the majority of explosions, were recorded by the SMM camera at the entry-exit checkpoint in Pyshevyk (government-controlled, 84km south of Donetsk) at a range of 2-4km south and south-south-east of the camera.

Between the evenings of 21 and 22 September, the SMM recorded fewer ceasefire violations, including fewer explosions (about 100), compared with the previous 24 hours. Around 28 per cent were recorded in areas south and south-south-east of Pyshevyk, around 25 per cent were recorded east and east-south-east of Svitlodarsk (government-controlled, 57km north-east of Donetsk), around 17 per cent recorded north-west of Horlivka (non-government-controlled, 39km north-east of Donetsk) including 29 explosions, and around nine per cent recorded north-west and west-north-west of Debaltseve (non-government-controlled, 58km north-east of Donetsk) with the largest number of explosions (39).

In Luhansk region, between the evenings of 20 and 21 September, the SMM recorded no ceasefire violations compared with 17 (all explosions) during the [previous reporting period](#).

Between the evenings of 21 and 22 September, the SMM recorded five ceasefire violations including, however, no explosions, compared with the previous 24 hours. All ceasefire violations were recorded by the SMM camera in Kriakivka (government-controlled, 38km north-west of Luhansk) in a south-south-westerly direction.

Small-arms fire assessed as directed at SMM unmanned aerial vehicle near Bohdanivka

On 21 September, positioned 1.7km north-east of Bohdanivka (government-controlled, 41km south-west of Donetsk), while conducting a mini-unmanned aerial vehicle (UAV) flight at a distance of 2.2km east, over the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk), the SMM heard five shots and four bursts of small-arms fire about 2km east, which were assessed as inside the disengagement area and assessed as directed at the UAV, which the SMM safely recovered without damage.

Stanytsia Luhanska disengagement area

On the evening of 20 September, the SMM observed four workers from non-government-controlled areas cutting trees along the southern bank of the Siverskyi Donets River about 200m west of the checkpoint of the armed formations and three workers from non-government-controlled areas welding and laying asphalt on the metal section of the Stanytsia Luhanska bridge (15km north-east of Luhansk).

On 21 September, the SMM observed three members of the State Emergency Service (SES) of Ukraine about 80m west of the broken section of the bridge and one SES member in an area about 400m north of the broken section of the bridge, on the eastern side of the road, all inspecting areas where the SMM observed workers from government-controlled areas clearing vegetation. At the same location, the SMM observed 12 workers cutting and welding the roadside steel fencing cables and clearing vegetation. The SMM also observed 12 workers from government-controlled areas east of the broken section of the bridge with a crane and an excavator working on the pillars of the pedestrian bypass bridge, of which five pillars were

under construction and one was almost completed. The SMM heard the sound of chainsaws being used about 100m south of the metal part of the Stanytsia Luhanska bridge and later saw freshly cut tree trunks placed 50m south of the bridge on the eastern edge of the road.

On 22 September, the SMM observed at least six workers from government-controlled areas working on the foundation of the pedestrian bypass bridge 7-10m east of the broken section of the bridge and two members of the SES inspecting the area east of the broken section of the bridge. The SMM also observed seven members of the armed formations (wearing armbands with “JCCC” written on them) between the checkpoint of the armed formations and the broken section of the bridge.⁵

On 21 September the SMM saw a deceased male lying on the metal section of the Stanytsia Luhanska bridge and three medical personnel and an ambulance. Medical personnel stated that the victim was a 60-year-old resident of non-government-controlled areas who had likely died from a blood clot. The body was transported by ambulance to non-government-controlled areas.

Other disengagement areas⁶

On 20 September, an SMM mid-range UAV spotted 34 [previously reported](#) anti-tank mines (TM-62), running from south-west to north-east in a field near the checkpoint of the Ukrainian Armed Forces just north of the disengagement area near Zolote (government-controlled, 60km west of Luhansk).

On 20 September, on the road between Bohdanivka and Viktorivka (non-government-controlled, 42km south-west of Donetsk), an SMM mini-UAV spotted 11 [previously reported](#) anti-tank mines (TM-62) laid in two rows about 200m north of the northern edge of the Petrivske disengagement area, assessed as belonging to the Ukrainian Armed Forces. Along the same road, 160m north of the disengagement area, the UAV [again](#) spotted 38 anti-tank mines (TM-62) laid in four rows. The same UAV spotted two armoured personnel carriers (APC) (BTR variant) inside the disengagement area, one about 1.2km south of its northern edge and 1.3km east of its western edge, and one about 600m further east, both assessed as belonging to the Ukrainian Armed Forces. Another SMM mini-UAV spotted for the first time a “Barely Visible Obstacle” across the road between Petrivske and Bohdanivka stretching into the vegetation about 4m on either side of the road, 500m from the contact line.

On 21 September, about 2.5km north-east of the northern edge of the Petrivske disengagement area, the SMM saw two armed members of the armed formations digging a 10-15m long trench about 5m from a newly constructed checkpoint as well as a military-type excavator and a digger about 150m of the same checkpoint.*

On 22 September, positioned close to the disengagement area near Petrivske, the SMM observed a calm situation.*

⁵ The Joint Centre for Control and Co-ordination (JCCC) was established in September 2014 by Ukraine and the Russian Federation. Each posted a representative to jointly head the Centre and a staff of officers from the Ukrainian and Russian Federation Armed Forces to be co-located in defined sectors of Luhansk and Donetsk regions. In December 2017, Russian Federation Armed Forces officers withdrew from the JCCC and departed Ukraine.

⁶ Disengagement is foreseen in the [Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware](#) of 21 September 2016.

On 22 September, the SMM safely crossed the Zolote disengagement area from government to non-government-controlled areas and back again.

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 44 weapons in non-government-controlled areas in violation of withdrawal lines, including at the former Luhansk international airport about 10km south of Luhansk city (for more details, see the below table of weapons in violation of withdrawal lines as of 22 September 2019.)

Weapons that the SMM could not verify as withdrawn⁷

At a heavy weapons holding area in a non-government-controlled area of Donetsk region
22 September

The SMM noted that six towed howitzers (2A65 *Msta-B*, 152mm) continued to be missing.

At a heavy weapons permanent storage site in a non-government-controlled area of Donetsk region

22 September

The SMM noted that the site was abandoned and 13 tanks (nine T-72 and four T-64) continued to be missing.

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

Government-controlled areas

20 September

An SMM mini-UAV spotted an armoured combat vehicle (ACV) in Stanytsia Luhanska (16km north-east of Luhansk).

An SMM long-range UAV spotted:

- an armoured reconnaissance vehicle (BRDM-2) near Avdiivka (17km north of Donetsk);
- two ACVs near Nevelske (18km north-west of Donetsk);
- five ACVs near Krasnohorivka (21km west of Donetsk);
- three ACVs near Pobeda (27km west of Donetsk);
- an APC (probable BTR-80) and three infantry fighting vehicles (IFV) (BMP variant) near Berezove (31km south-west of Donetsk);
- three APCs (BTR-60) and a probably APC (BTR-variant) near Novotroitske (36km south-west of Donetsk);
- an APC (BTR-60) near Mykolaivka (40km south of Donetsk).

⁷ The SMM visited areas previously holding 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.

⁸ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

21 September

The SMM saw:

- an APC (BTR-70) near Novokalynove (29km north-west of Donetsk) and
- an IFV (BMP-2) near Kamianka (20km north of Donetsk).

Non-government-controlled areas

20 September

An SMM mini-UAV spotted two ACVs (type undetermined) near Verkhnoшыrokiyske (formerly Oktiabr, 85km south of Donetsk).

21 September

The SMM saw a trench digger (TMK-2) in Styla (34km south of Donetsk).

SMM facilitation of repair works to civilian infrastructure

On 21 September, the SMM monitored adherence to the ceasefire to facilitate the drilling of wells near Raiivka (non-government-controlled, 16km north-west of Luhansk).

On the same day, the SMM continued to monitor the security situation around the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

On 21 and 22 September, the SMM continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk). Despite security guarantees being provided, on 21 September the SMM recorded an explosion 1-2km east and on 22 September recorded 42 ceasefire violations 1-2km east of the station.

Boder areas not under government control

On 22 September, while at a border crossing point near Uspenka (73km south-east of Donetsk) for about one hour, the SMM saw 23 cars (three with Ukrainian and eight with Russian Federation licence plates, 11 with “DPR” plates, and one with no plates), seven trucks (two with Ukrainian and two with Russian Federation licence plates, three with “DPR” plates), and 11 pedestrians exiting Ukraine. It also saw 37 cars (four with Ukrainian and 24 with Russian Federation licence plates, nine with “DPR” plates), 64 trucks (29 with Ukrainian and four with Russian Federation licence plates, 31 with “DPR” plates), five buses (two with Russian Federation licence plates, three with “DPR” plates), and seven pedestrians (mixed gender, 20-40 years old) entering Ukraine.

ATO veterans protesting Russian Federation coal shipments in Sosnivka

On 16 September, the SMM followed up on a protest in Sosnivka (53km north of Lviv) that had reportedly been ongoing since 1 September. Near the railway station in Sosnivka, the SMM saw ten people (men, around 45 years old) in a small camp composed of four tents with 15 flags (11 Ukrainian, four red-and-black). Ten of the participants told the SMM that they were ATO veterans attempting to block what they alleged was coal being sent from the Russian Federation to the coal refinery in Sosnivka. The SMM observed 64 carriages nearby with “Russian Railway” written in Russian on the sides. During its presence, the SMM did not observe any incident.

The SMM observed a calm situation in Chonhar and Valok, south-east of Kherson

On 20 September, the SMM saw a team of workers erecting fences and doing roadwork at the checkpoint in Chonhar (163km south-east of Kherson) and observed a calm situation. The next day, the SMM observed a calm situation at a Ukrainian Border Guard Service checkpoint in Valok (188km south-east of Kherson).

***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:

- On 21 September, at a checkpoint 600m west of Verkhnohshyrokiivske (formerly Oktiabr, non-government controlled, 85km south of Donetsk), an armed member of the armed formations prevented the SMM from crossing the checkpoint, citing on-going engineering works near Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk). The SMM noted that civilian vehicles were allowed to pass through the checkpoint.
- On 21 and 22 September, at a checkpoint 800m north of Zaichenko (non-government-controlled, 93km south of Donetsk), an armed member of the armed formations [again](#) denied the SMM passage towards Pikuzy, citing “ongoing demining activities” and “concerns for SMM safety”.
- On 21 and 22 September, at a checkpoint on the northern edge of Petrivske (non-government-controlled, 41km south of Donetsk), an armed member of the armed formations denied the SMM passage citing “ongoing demining activities”. As a result, the SMM was unable to access its camera site in Petrivske.

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:

- On 22 September, at a checkpoint 600m west of Verkhnohshyrokiivske (formerly Oktiabr, non-government controlled, 85km south of Donetsk), a member of the armed formations allowed the SMM to proceed only after about 40 minutes of waiting.

Other impediments:

- On the evening of 20-21 September, an SMM long-range UAV lost its GPS signal due to signal interference assessed as caused by probable jamming, as well as dual GPS signal interference assessed as caused by jamming, while flying over government- and non-government-controlled areas of Donetsk region.⁹
- On 21 September, positioned 1.7km north-east of Bohdanivka (government-controlled, 41km south-west of Donetsk), while conducting a mini-UAV flight at a distance of 2.2km east, over the Petrivske disengagement area, the SMM heard five shots and four bursts of small-arms fire about 2km east, which were assessed as in the direction of the UAV (see above).

Table of weapons

Weapons in violation of withdrawal lines:

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
20/09/2019	2	Tank (type undetermined)	Inside a training area near Novoselivka (27km north-east of Donetsk)	Long-range UAV
20/09/2019	1	Tank (type undetermined)	Verkhnoшыrokivske (formerly Oktiabr, 85km south of Donetsk)	Mini-UAV
21/09/2019	1	Self-propelled howitzer (2S3 <i>Akatsiya</i> , 152mm)	Former Luhansk international airport, about 2km north of Peremozhne (19km south of Luhansk)	Patrol
	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)		
	7	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)		
	2	Anti-tank gun (BS-3 100mm)		
	3	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)		
22/09/2019	4	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)	Novoamvrosiivske (56km east of Donetsk)	Patrol

⁹ The interference could have originated from anywhere within the radius of kilometres from the UAV's positions.

Beyond withdrawal lines but outside of designated storage sites:

Date	No. of weapons	Type of weapons	Location	Source of observation
Non-government-controlled areas				
21/09/2019	9	Tank (T-72)	Former Luhansk international airport, about 2km north of Peremozhne (19km south of Luhansk)	Patrol
	8	Tank (T-64)		
	7	Surface-to-air missile system (9K35 <i>Strela-10</i>)		
	4	Towed mortar (2B9 <i>Vasilek</i> , 82mm)		
	2	Mortar (2B11 <i>Sani</i> , 120mm)		
Government-controlled areas				
20/09/2019	2	Surface-to-air missile system (9K33 <i>Osa</i>)	Kalynove (35km north of Donetsk)	Mini-UAV

Table of ceasefire violations as of 22 September 2019¹⁰

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

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSW	Recorded	1	Projectile	NNE to SSW	N/K	20-Sep, 22:01
	0.5-1.5km SSW	Recorded	1	Explosion	Undetermined	N/K	20-Sep, 22:09
	0.5-1.5km SSW	Recorded	3	Explosion	Undetermined	N/K	20-Sep, 22:14
	0.5-1.5km SSW	Recorded	1	Projectile	NW to SE	N/K	20-Sep, 22:14
	0.5-1.5km SSW	Recorded	2	Explosion	Undetermined	N/K	20-Sep, 22:15
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	20-Sep, 22:15
	2-4km SSW	Recorded	8	Projectile	E to W	N/K	20-Sep, 22:26
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km ENE	Recorded	6	Projectile	In vertical flight	N/K	20-Sep, 20:30
	1-2km ENE	Recorded	4	Projectile	N to S	N/K	20-Sep, 20:40
	1-2km ENE	Recorded	1	Projectile	NW to SE	N/K	20-Sep, 20:50
	1-2km ENE	Recorded	4	Projectile	NW to SE	N/K	20-Sep, 21:01
	1-2km ENE	Recorded	6	Projectile	N to S	N/K	20-Sep, 21:16
	3-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	20-Sep, 22:16
	1-2km ENE	Recorded	3	Projectile	NW to SE	N/K	20-Sep, 21:18
	1-2km E	Recorded	1	Explosion	Undetermined	N/K	20-Sep, 22:27
	3-5km E	Recorded	4	Projectile	In vertical flight	N/K	21-Sep, 00:03
	1-2km ENE	Recorded	3	Projectile	N to S	N/K	21-Sep, 00:35
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km N	Recorded	9	Projectile	NW to SE	N/K	20-Sep, 23:36
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 84km S of Donetsk)	2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 02:00
	2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 02:01
	2-4km S	Recorded	3	Projectile	NW to SE	N/K	20-Sep, 20:26
	2-4km S	Recorded	5	Projectile	W to E	N/K	20-Sep, 21:35
	2-4km S	Recorded	5	Projectile	In vertical flight	N/K	20-Sep, 21:35
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	20-Sep, 22:11
	2-4km S	Recorded	4	Projectile	W to E	N/K	20-Sep, 22:49
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	20-Sep, 22:50
	2-4km S	Recorded	1	Projectile	E to W	N/K	20-Sep, 22:50
	2-4km S	Recorded	1	Projectile	WNW to ESE	N/K	21-Sep, 00:17
	2-4km S	Recorded	3	Projectile	NE to SW	N/K	21-Sep, 00:50
	2-4km S	Recorded	1	Projectile	NW to SE	N/K	21-Sep, 00:50
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 00:55
	2-4km S	Recorded	5	Projectile	NW to SE	N/K	21-Sep, 01:07
	2-4km S	Recorded	1	Projectile	NE to SW	N/K	21-Sep, 01:07
	2-4km S	Recorded	1	Projectile	NE to SW	N/K	21-Sep, 01:10

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.

2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 01:10
2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 01:28
2-4km S	Recorded	3	Projectile	NE to SW	N/K	21-Sep, 01:29
2-4km S	Recorded	3	Projectile	NE to SW	N/K	21-Sep, 01:30
2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 01:30
2-4km S	Recorded	1	Projectile	NE to SW	N/K	21-Sep, 01:31
2-4km S	Recorded	1	Explosion	Airburst	N/K	21-Sep, 01:31
2-4km S	Recorded	2	Projectile	NE to SW	N/K	21-Sep, 01:32
2-4km S	Recorded	Uncountable	Explosion	Undetermined	N/K	21-Sep, 01:32
2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 01:33
2-4km S	Recorded	3	Projectile	NE to SW	N/K	21-Sep, 01:33
2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 01:35
2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 01:38
2-4km S	Recorded	7	Projectile	NW to SE	N/K	21-Sep, 01:38
2-4km S	Recorded	3	Projectile	NE to SW	N/K	21-Sep, 01:38
2-4km S	Recorded	18	Projectile	NW to SE	N/K	21-Sep, 01:39
2-4km S	Recorded	5	Projectile	E to W	N/K	21-Sep, 01:39
2-4km S	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 01:39
2-4km S	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 01:40
2-4km S	Recorded	16	Projectile	NW to SE	N/K	21-Sep, 01:40
2-4km S	Recorded	11	Projectile	NW to SE	N/K	21-Sep, 01:41
2-4km S	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 01:41
2-4km S	Recorded	3	Explosion	Undetermined	N/K	21-Sep, 01:42
2-4km S	Recorded	4	Projectile	NW to SE	N/K	21-Sep, 01:42
2-4km S	Recorded	2	Projectile	NW to SE	N/K	21-Sep, 01:43
2-4km S	Recorded	3	Explosion	Undetermined	N/K	21-Sep, 01:43
2-4km S	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 01:44
2-4km S	Recorded	2	Projectile	NW to SE	N/K	21-Sep, 01:44
2-4km S	Recorded	10	Projectile	NW to SE	N/K	21-Sep, 01:45
2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 01:45
2-4km S	Recorded	1	Projectile	NW to SE	N/K	21-Sep, 01:47
2-4km S	Recorded	4	Projectile	NW to SE	N/K	21-Sep, 01:49
2-4km S	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 01:49
2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 01:50
2-4km S	Recorded	10	Projectile	NW to SE	N/K	21-Sep, 01:50
2-4km S	Recorded	50	Projectile	NW to SE	N/K	21-Sep, 01:51
2-4km S	Recorded	5	Projectile	NE to SW	N/K	21-Sep, 01:51
2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 01:51
2-4km S	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 01:52
2-4km S	Recorded	6	Projectile	NW to SE	N/K	21-Sep, 01:52
2-4km S	Recorded	2	Projectile	NW to SE	N/K	21-Sep, 01:54
2-4km S	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 01:54
2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 01:55

2-4km S	Recorded	3	Explosion	Undetermined	N/K	21-Sep, 01:57	
2-4km S	Recorded	1	Projectile	NW to SE	N/K	21-Sep, 01:57	
2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 01:59	
2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 02:00	
2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 02:01	
2-4km S	Recorded	1	Projectile	W to E	N/K	21-Sep, 02:03	
2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 02:03	
2-4km S	Recorded	1	Projectile	W to E	N/K	21-Sep, 02:04	
2-4km S	Recorded	2	Projectile	W to E	N/K	21-Sep, 02:09	
2-4km S	Recorded	9	Projectile	W to E	N/K	21-Sep, 02:12	
2-4km S	Recorded	8	Projectile	E to W	N/K	21-Sep, 02:13	
2-4km S	Recorded	5	Projectile	W to E	N/K	21-Sep, 02:13	
2-4km S	Recorded	5	Projectile	W to E	N/K	21-Sep, 02:17	
2-4km S	Recorded	6	Projectile	E to W	N/K	21-Sep, 02:18	
2-4km S	Recorded	7	Projectile	W to E	N/K	21-Sep, 02:18	
2-4km S	Recorded	1	Projectile	W to E	N/K	21-Sep, 02:20	
2-4km S	Recorded	2	Projectile	E to W	N/K	21-Sep, 02:21	
2-4km S	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 02:43	
2-4km SSW	Recorded	9	Projectile	W to E	N/K	21-Sep, 02:54	
2-4km S	Recorded	Uncountable	Explosion	Undetermined	N/K	21-Sep, 02:54	
2-4km S	Recorded	1	Projectile	W to E	N/K	21-Sep, 03:47	
2-4km S	Recorded	1	Projectile	W to E	N/K	21-Sep, 03:48	
2-4km S	Recorded	1	Projectile	W to E	N/K	21-Sep, 03:49	
2-4km S	Recorded	1	Projectile	W to E	N/K	21-Sep, 03:54	
2-4km S	Recorded	2	Projectile	W to E	N/K	21-Sep, 03:55	
2-4km S	Recorded	1	Projectile	W to E	N/K	21-Sep, 03:56	
2-4km S	Recorded	3	Projectile	W to E	N/K	21-Sep, 03:57	
2-4km S	Recorded	1	Projectile	W to E	N/K	21-Sep, 03:58	
2-4km S	Recorded	2	Projectile	W to E	N/K	21-Sep, 03:59	
2-4km S	Recorded	4	Projectile	NW to SE	N/K	21-Sep, 05:09	
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km W	Heard	1	Explosion	Undetermined	N/K	21-Sep, 12:41
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	2-3km NW	Heard	5	Burst		Small arms	21-Sep, 11:32-11:35
	2-3km NW	Heard	13	Shot		Small arms	21-Sep, 11:32-11:35
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	21-Sep, 11:41
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	21-Sep, 11:43
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	21-Sep, 12:03
	2-3km NW	Heard	1	Burst		Small arms	21-Sep, 12:04
	2-3km NW	Heard	5	Shot		Small arms	21-Sep, 12:04

About 1km NNE of the Donetsk central railway station (non-government-controlled, 6km NW of Donetsk city centre)	2-3km NNW	Heard	1	Explosion	Undetermined	N/K	21-Sep, 11:20
	2-3km NNW	Heard	2	Shot		Small arms	21-Sep, 11:20
About 8km NW of Donetsk city centre (non-government-controlled)	1km NW	Heard	1	Shot		Small arms	21-Sep, 11:57
	1-2km NW	Heard	1	Explosion	Undetermined	N/K	21-Sep, 12:00
About 3km NE of Zaichenko (non-government controlled, 93km S of Donetsk)	3-4km NW	Heard	2	Explosion	Undetermined	N/K	21-Sep, 11:00
About 1km NNE of Zaichenko (non-government controlled, 93km S of Donetsk)	3-4km NW	Heard	9	Explosion	Undetermined	N/K	21-Sep, 11:20-11:25
	3-4km NW	Heard	2	Explosion	Undetermined	N/K	21-Sep, 11:27
2.5km SSE of Lomakyne (government-controlled, 93km S of Donetsk)	4-5km NNE	Heard	8	Explosion	Undetermined	N/K	21-Sep, 11:22-11:29
About 1.5km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	2km E	Heard	5	Shot		Small arms	21-Sep, 11:46
	2km E	Heard	4	Burst		Small arms	21-Sep, 11:46
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SW	Heard	2	Explosion	Undetermined	N/K	20-Sep, 20:25
	4-5km SW	Heard	10	Burst		HMG	20-Sep, 21:40
	4-5km SW	Heard	5	Explosion	Undetermined	N/K	20-Sep, 22:50
	4-5km SW	Heard	7	Explosion	Undetermined	N/K	20-Sep, 23:50
	4-6km NW	Heard	10	Explosion	Undetermined	N/K	21-Sep, 15:43
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km W	Heard	4	Explosion	Undetermined	N/K	20-Sep, 20:08-20:11
	3-4km WSW	Heard	2	Explosion	Undetermined	N/K	20-Sep, 21:13
	2-3km WSW	Heard	3	Shot		Small arms	20-Sep, 23:04
	3-4km W	Heard	1	Explosion	Undetermined	N/K	20-Sep, 23:34
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	3-5km S	Recorded	2	Projectile	NNW to SSE	N/K	22-Sep, 01:33
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-0.8km SSW	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 21:58
	0.5-0.8km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 22:12
	0.5-0.8km S	Recorded	1	Muzzle flash		N/K	21-Sep, 23:36
	0.5-0.8km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 23:58

	0.5-0.8km S	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 00:45
	0.5-0.8km SSE	Recorded	2	Projectile	E to W	N/K	22-Sep, 05:07
	0.5-0.8km S	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 05:09
	0.5-0.8km SSE	Recorded	2	Projectile	E to W	N/K	22-Sep, 05:15
	0.5-0.8km S	Recorded	1	Projectile	NE to SW	N/K	22-Sep, 05:16
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km ENE	Recorded	5	Projectile	NW to SE	N/K	21-Sep, 23:07
	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 23:11
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	21-Sep, 23:11
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	21-Sep, 23:19
	2-4km ENE	Recorded	2	Projectile	NW to SE	N/K	21-Sep, 23:29
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km SE	Recorded	2	Projectile	NE to SW	N/K	21-Sep, 21:55
	2-4km SE	Recorded	1	Projectile	In vertical flight	N/K	21-Sep, 22:36
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	21-Sep, 22:36
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 23:01
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	5	Projectile	N to S	N/K	21-Sep, 22:57
	2-4km ENE	Recorded	6	Projectile	N to S	N/K	21-Sep, 23:02
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 84km S of Donetsk)	2-4km SSE	Recorded	1	Burst	In vertical flight	N/K	21-Sep, 19:28
	2-4km SSE	Recorded	2	Projectile	In vertical flight	N/K	21-Sep, 19:49
	2-4km SSE	Recorded	4	Projectile	E to W	N/K	21-Sep, 19:58
	2-4km S	Recorded	5	Projectile	W to E	N/K	21-Sep, 19:59
	2-4km S	Recorded	4	Projectile	In vertical flight	N/K	21-Sep, 20:05
	2-4km S	Recorded	48	Projectile	In vertical flight	N/K	21-Sep, 20:06
	2-4km S	Recorded	1	Projectile	W to E	N/K	21-Sep, 20:06
	2-4km S	Recorded	1	Projectile	E to W	N/K	21-Sep, 20:06
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 20:33
	3-5km S	Recorded	4	Projectile	W to E	N/K	21-Sep, 20:36
	3-5km S	Recorded	1	Projectile	E to W	N/K	21-Sep, 20:37
	3-5km S	Recorded	12	Projectile	W to E	N/K	21-Sep, 20:38
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 20:38
	3-5km S	Recorded	3	Projectile	E to W	N/K	21-Sep, 21:00
	3-5km S	Recorded	3	Projectile	ENE to WSW	N/K	21-Sep, 22:05
	3-5km S	Recorded	2	Projectile	E to W	N/K	21-Sep, 22:16
	3-5km S	Recorded	4	Projectile	W to E	N/K	21-Sep, 22:26
	3-5km S	Recorded	2	Projectile	E to W	N/K	21-Sep, 22:30
	3-5km S	Recorded	2	Projectile	NW to SE	N/K	21-Sep, 23:54
	4-6km S	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 23:55
	4-6km S	Recorded	22	Projectile	W to E	N/K	22-Sep, 00:18
	3-5km S	Recorded	2	Projectile	W to E	N/K	22-Sep, 00:22
	4-6km S	Recorded	8	Projectile	W to E	N/K	22-Sep, 01:30
	3-5km S	Recorded	3	Projectile	W to E	N/K	22-Sep, 01:33
3-5km S	Recorded	1	Projectile	In vertical flight	N/K	22-Sep, 02:08	

SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km ESE	Recorded	1	Projectile	NW to SE	N/K	21-Sep, 20:47
	3-5km ESE	Recorded	1	Projectile	S to N	N/K	21-Sep, 21:23
	3-5km E	Recorded	1	Projectile	SSW to NNE	N/K	21-Sep, 22:35
	3-5km E	Recorded	2	Projectile	NNW to SSE	N/K	21-Sep, 22:36
	3-5km E	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 22:36
	3-5km ESE	Recorded	1	Projectile	S to N	N/K	21-Sep, 22:36
	3-5km ESE	Recorded	4	Projectile	SSW to NNE	N/K	21-Sep, 22:44
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 22:45
	3-5km ESE	Recorded	1	Flash		N/K	21-Sep, 22:45
	3-5km ESE	Recorded	1	Projectile	SSW to NNE	N/K	21-Sep, 22:45
	3-5km ESE	Recorded	4	Projectile	SSW to NNE	N/K	21-Sep, 22:46
	3-5km SE	Recorded	1	Projectile	SW to NE	N/K	21-Sep, 22:47
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 22:47
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 22:58
	4-6km E	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 23:03
	4-6km ESE	Recorded	2	Explosion	Undetermined	N/K	21-Sep, 23:03
	4-6km ESE	Recorded	2	Projectile	SSW to NNE	N/K	21-Sep, 23:03
	4-6km E	Recorded	1	Projectile	N to S	N/K	21-Sep, 23:05
	4-6km E	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 23:06
	4-6km ESE	Recorded	3	Projectile	SW to NE	N/K	21-Sep, 23:06
	4-6km E	Recorded	3	Projectile	N to S	N/K	21-Sep, 23:07
	4-6km E	Recorded	4	Projectile	S to N	N/K	21-Sep, 23:07
	4-6km E	Recorded	1	Explosion	Airburst	N/K	21-Sep, 23:10
	4-6km E	Recorded	1	Projectile	N to S	N/K	21-Sep, 23:10
	4-6km E	Recorded	1	Projectile	N to S	N/K	21-Sep, 23:11
	4-6km E	Recorded	1	Projectile	N to S	N/K	21-Sep, 23:12
	4-6km E	Recorded	1	Flash		N/K	21-Sep, 23:15
	4-6km E	Recorded	1	Projectile	NW to SE	N/K	21-Sep, 23:15
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	21-Sep, 23:15
	4-6km E	Recorded	2	Projectile	NW to SE	N/K	21-Sep, 23:15
	4-6km E	Recorded	64	Projectile	S to N	N/K	21-Sep, 23:16
	4-6km E	Recorded	1	Projectile	N to S	N/K	21-Sep, 23:16
	4-6km E	Recorded	1	Explosion	Impact	N/K	21-Sep, 23:16
	4-6km ESE	Recorded	1	Explosion	Impact	N/K	21-Sep, 23:16
	4-6km E	Recorded	1	Projectile	S to N	N/K	21-Sep, 23:44
	4-6km E	Recorded	2	Projectile	N to S	N/K	21-Sep, 23:46
	3-5km E	Recorded	2	Projectile	N to S	N/K	22-Sep, 00:12
	3-5km E	Recorded	1	Projectile	N to S	N/K	22-Sep, 00:14
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 01:03
	Debaltseve (non-government-controlled, 58km NE of Donetsk)	5-6km NW	Heard	1	Explosion	Undetermined	N/K
3-4km NW		Heard	5	Shot		Small arms	21-Sep, 21:19
3-4km NW		Heard	3	Burst		HMG	21-Sep, 21:19
5-6km WNW		Heard	5	Explosion	Undetermined	N/K	21-Sep, 21:21
6-7km NW		Heard	33	Explosion	Undetermined	N/K	21-Sep, 22:44-23:49

Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	1.5-2km W	Heard	1	Explosion	Undetermined	N/K	22-Sep, 10:08
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km W	Heard	3	Shot		Assessed likely anti-aircraft gun	22-Sep, 13:30
	2-3km W	Heard	2	Burst		Assessed likely anti-aircraft gun	22-Sep, 13:30
	2-3km W	Heard	3	Burst		Small arms	22-Sep, 13:30
	2-3km W	Heard	5	Shot		Small arms	22-Sep, 13:30
	2-3km W	Heard	7	Shot		Assessed likely anti-aircraft gun	22-Sep, 13:45-13:50
	2-3km W	Heard	9	Burst		Assessed likely anti-aircraft gun	22-Sep, 13:45-13:50
	2-3km SW	Heard	13	Shot		Assessed likely anti-aircraft gun	22-Sep, 14:00
Svitlodarsk (government-controlled, 57km NE of Donetsk)	1-2km SW	Heard	11	Shot		Small arms	21-Sep, 19:56-19:57
	4-5km SW	Heard	2	Explosion	Undetermined	N/K	21-Sep, 21:53
	4-5km SW	Heard	2	Explosion	Undetermined	N/K	21-Sep, 23:12
	5-6km S	Heard	1	Explosion	Undetermined	N/K	21-Sep, 23:15
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	22-Sep, 15:12-15:15
	2-4km SW	Heard	2	Burst		HMG	22-Sep, 15:12-15:15
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-4km NW	Heard	25	Burst		HMG	22-Sep, 12:47-12:51
	3-5km NW	Heard	20	Explosion	Undetermined	N/K	22-Sep, 12:53-12:57
	2-4km NW	Heard	36	Burst		HMG	22-Sep, 12:53-12:59
	4-6km NW	Heard	3	Explosion	Undetermined	N/K	22-Sep, 16:11-16:12
	4-6km NW	Heard	3	Explosion	Undetermined	N/K	22-Sep, 16:37-16:38
	4-6km NW	Heard	3	Explosion	Undetermined	N/K	22-Sep, 16:43-16:44
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	4-6km SSW	Recorded	2	Projectile	WNW to ESE	N/K	22-Sep, 00:18
	4-6km SSW	Recorded	1	Muzzle flash		N/K	22-Sep, 00:22
	3-5km SSW	Recorded	2	Projectile	WNW to ESE	N/K	22-Sep, 00:22

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

Daily report noted settlements
23 September 2019



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).