

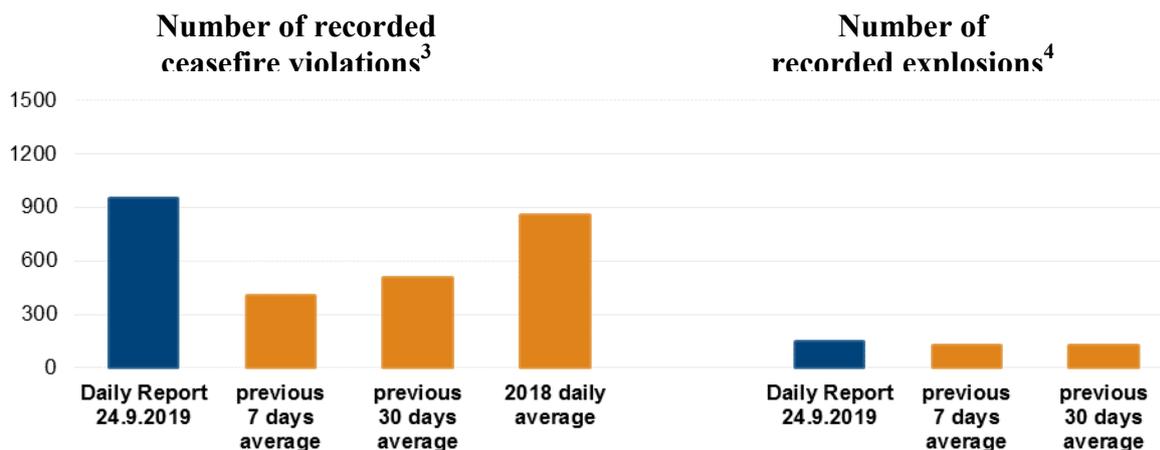
Daily Report 226/2019

24 September 2019¹

Summary

- Compared with the previous 24 hours, the SMM recorded more ceasefire violations in both Donetsk and Luhansk regions.
- Inside the Stanytsia Luhanska disengagement area, the SMM saw workers from government-controlled areas working on pillars for the pedestrian bypass bridge as well as workers from non-government-controlled areas clearing vegetation and conducting demining activities.
- The SMM observed new trenches inside and close to the Zolote disengagement area; it also saw anti-tank mines and new trenches near the Petrivske disengagement area.
- The SMM monitored adherence to the ceasefire to facilitate repairs and the operations of critical civilian infrastructure, including repairs to power lines in Spartak and the drilling of wells near Raivka.
- Restrictions of the Mission's access continued, including at checkpoints near non-government-controlled Verkhnoшыrokiwske, Shevchenko, and Petrivske.*

Ceasefire violations²



¹ Based on information from the Monitoring Teams as of 19:30, 23 September 2019. All times are in Eastern European Summer Time.

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.

³ Including explosions.

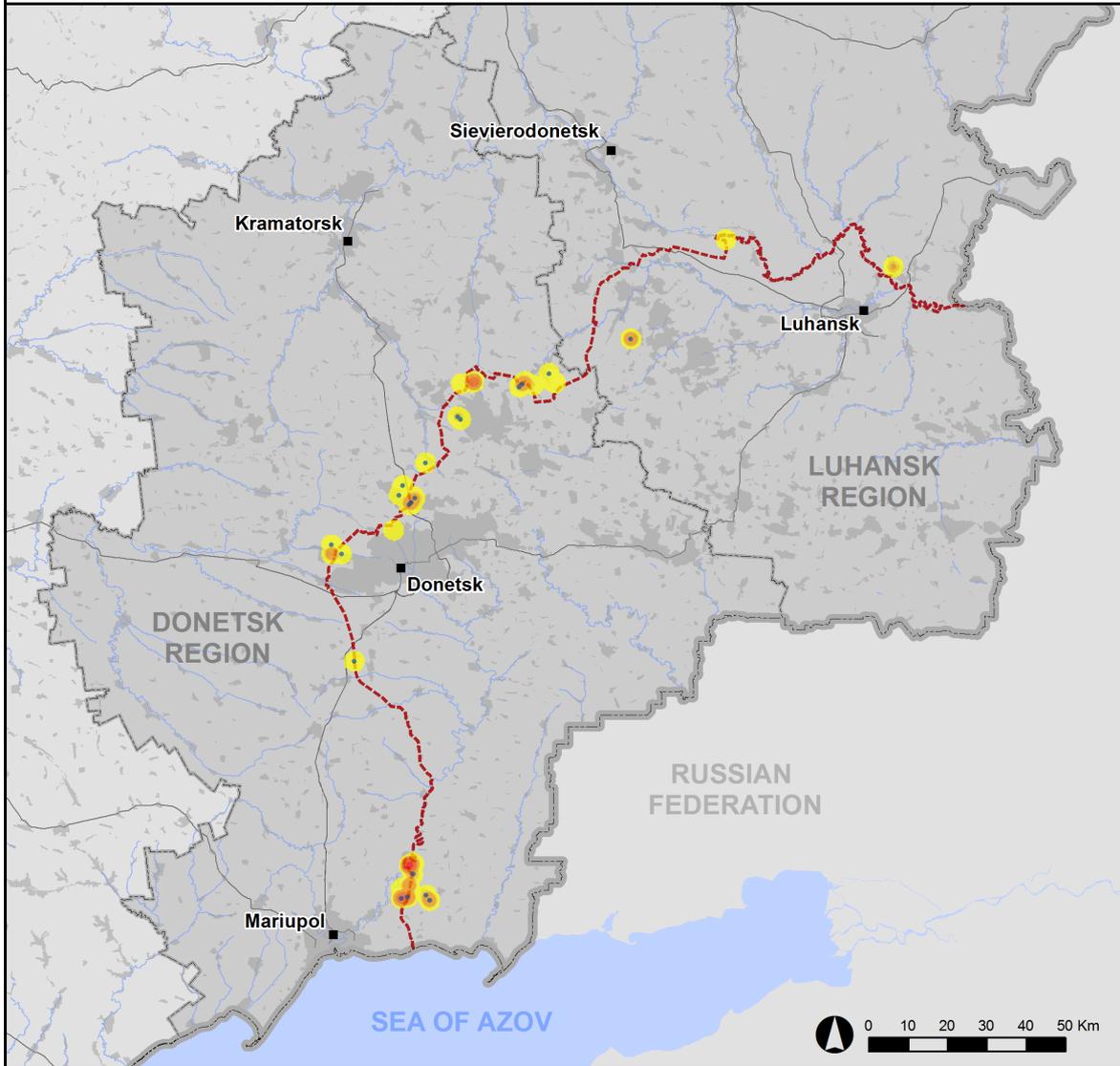
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations



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

Ceasefire violations observed by the SMM 23 September 2019



Ceasefire violation concentration

- High
-
- Low
- 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: 24/09/2019

In Donetsk region, the SMM recorded more ceasefire violations, including more explosions (about 120), compared with the [previous 24 hours](#) (about 100 explosions). The majority of ceasefire violations were recorded in areas south-south-east and south-east of Chermalyk (government-controlled, 77km south of Donetsk), south-south-east and south of Pyschchevyk (government-controlled, 84km south of Donetsk), as well as east-north-east of Maiorsk (government-controlled, 45km north-east of Donetsk).

In Luhansk region, the SMM recorded more ceasefire violations, including 20 explosions, compared with the [previous 24 hours](#) (no explosions). The majority of ceasefire violations were recorded south-south-west of Almazna (non-government-controlled, 55km west of Luhansk), assessed as live-fire training exercise inside the security zone, in violation of the decision of the Trilateral Contact Group as of 3 March 2016 that prohibits the conduct of live-fire training (exercises) in the security zone.

Stanytsia Luhanska disengagement area

The SMM saw 16 members of the State Emergency Service (SES) of Ukraine preparing to start demining activities on the western side of the road about 400m north-north-west of the broken section of the Stanytsia Luhanska bridge (15km north-east of Luhansk), inside the disengagement area. The SMM observed up to 12 workers from government-controlled areas east of the broken section of the Stanytsia Luhanska bridge with a crane, an excavator and a bulldozer working on the pillars of the pedestrian bypass bridge, five of whom were unloading about 15 concrete slabs 25m west of the broken section of the bridge.

The SMM observed eight workers from non-government-controlled areas carrying out demining activities and three others cutting trees and vegetation, all about 500m west of the broken section of the Stanytsia Luhanska bridge along the northern bank of the Siverskyi Donets River. The SMM also saw five 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

Other disengagement areas⁶

On 21 September, inside the disengagement area near Zolote (government-controlled, 60km west of Luhansk), an SMM mid-range UAV spotted a 170m-long trench running from a location about 65m south of the area’s southern edge, outside the disengagement area, to a location about 30m north of the area’s southern edge and 130m west of its eastern edge, inside the disengagement area, assessed as belonging to the armed formations (not seen in imagery from 12 September 2019).

On the same day, outside of the disengagement area, an SMM mid-range UAV spotted a wheeled excavator digging a 55m-long trench just south of the road between Molodizhne (non-government-controlled, 63km north-west of Luhansk) and the checkpoint of the armed

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.

formations on the disengagement area's southern edge. The UAV spotted also four additional new trenches (respectively 22m-, 310m-, 40m- and 125m-long) along the southern edge of the disengagement area, outside of it.

On 23 September, inside the disengagement area near Zolote, the SMM saw three members of the armed formations equipped with shovels digging in a field (marked with red-white tape) immediately east and west of the road T-1316 about 375m north of the checkpoint of the armed formations on the disengagement area's southern edge, as well as a member of the armed formations (wearing armbands with "JCCC" written on them).

On 21 September, inside the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk), an SMM mini-UAV [again](#) spotted an armoured personnel carrier (APC) (BTR variant) about 1.2km south of its northern edge and 1.3km east of its western edge, assessed as belonging to the Ukrainian Armed Forces. The UAV also spotted a Ukrainian Armed Forces soldier carrying a probable personal weapon on a path inside the disengagement area.

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](#) 38 anti-tank mines (TM-62) laid in four rows and [again](#) 23 anti-tank mines (TM-62) laid in four rows, all outside the disengagement area.

On 22 September, an SMM mini-UAV spotted a new 1600m-long trench running from south to north from a location about 1km north-east of the north-eastern corner of the disengagement area near Petrivske (not seen in imagery from 12 September 2019) and two other trenches (55m and 155m long) about 500m and 1.3km further north-east, respectively (not seen in imagery from 9 August 2019) as well as an infantry fighting vehicle (IFV) (BMP variant) about 1.8km north-east of the same corner, all outside the disengagement area and assessed as belonging to the armed formations. The same UAV spotted concrete obstacles for traffic control, a partially completed fortified checkpoint structure and four mine hazard signs about 2.5km north of Petrivske on the road leading to Styla (non-government-controlled, 34km south of Donetsk). At the same location, the UAV spotted a new 140m-long trench (not seen in previous imagery from 12 September 2019) just west of the road leading to a 1100m-long trench system, several enlarged infantry fighting positions and vehicle revetments (all not seen in previous imagery from 9 August 2019), assessed as belonging to the armed formations.

On 23 September, positioned close to the disengagement area near Petrivske, the SMM observed a calm situation.*

On the same day, the SMM crossed the road T-1316 through the Zolote disengagement area from non-government to 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.

The Mission did not observe weapons in violation of withdrawal lines (for more details, see the below table of weapons observed beyond withdrawal lines but outside designated storage sites as of 23 September 2019.)

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

Government-controlled areas

22 September

An SMM long-range UAV spotted:

- an IFV (probable BMP-2) and two armoured combat vehicles (ACV) near Slavne (26km south-west of Donetsk);
- four ACVs near Krasnohorivka (21km west of Donetsk);
- an ACV near Nevelske (18km north-west of Donetsk);
- an ACV and three APCs (BTR variant) near Verkhnotoretske (23km north-east of Donetsk); and
- an APC near Troitske (30km north of Donetsk).

Non-government-controlled areas

16 September

An SMM mini-UAV spotted 11 IFVs (three BMP-1 and eight BMP variant) each next to an ammunition crate in a training area near Novoselivka (31km north-east of Donetsk).

Observations at railway station and workshop in Debaltseve

On 21 September, an SMM mini-UAV spotted that railway workshop buildings in the centre of Debaltseve (non-government-controlled, 58km north-east of Donetsk) were being repaired and re-roofed. The same UAV spotted a military-type communication truck (Zil-131) parked about 35m from the building. About 500m further south-west, on tracks about 500m south of the Debaltseve railway station, the UAV spotted coal wagons, some full and others empty, some bearing the livery and logo of “Russian Railways” and others that of the Russian Federation “Federal Cargo Company”.

SMM facilitation of 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) and to enable repairs to power lines in Spartak (non-government-controlled, 9km north of Donetsk).

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

It continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk). Despite security guarantees being provided, the SMM recorded 25 ceasefire violations, including five explosions, 300m-1.5km in southerly directions of the Station.

Boder areas not under government control

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

While at a border crossing point near Marynivka (78km east of Donetsk) for about 45 minutes, the SMM saw five cars (one with Ukrainian and one with Russian Federation licence plates, as well as three with “DPR” plates), five covered cargo trucks (three with Russian Federation licence plates and two with “DPR” plates), and four pedestrians entering Ukraine. It also saw seven cars (one with Ukrainian and three with Russian Federation licence plates, as well as three with “DPR” plates), five covered cargo trucks (three with Ukrainian licence plates and two with “DPR” plates) and one bus (with “DPR” plates) exiting Ukraine.

The Mission 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, 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.
- At a checkpoint on the eastern edge of Shevchenko (non-government-controlled, 69km south of Donetsk), two members of the armed formations, one visibly armed, [again](#) denied the SMM passage westward towards Mykolaivka (non-government-controlled, 70km south of Donetsk), citing that they cannot get in contact with those in control.

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 600m west of Verkhnohyrokiivske (formerly Oktiabr, non-government controlled, 85km south of Donetsk), an armed member of the armed formations [again](#) allowed the SMM to proceed only after about 20 minutes of waiting.

Later on the same day, a member of the armed formations allowed a second SMM patrol to proceed only after about an hour of waiting.

Other impediments:

- On the night of 22-23 September, an SMM long-range UAV experienced GPS signal interference, assessed as due to probable jamming, while flying between Illinivka (government-controlled, 56km north of Donetsk) and Karlivka (government-controlled, 25km north-west of Donetsk); and signal interference, assessed as due to jamming while flying near Syhnalne (non-government-controlled, 23km south-west of Donetsk) and Yasynuvata (non-government-controlled, 16km north-east of Donetsk).⁸
- On 23 September, an SMM mid-range UAV experienced GPS signal interference, assessed as due to probable jamming, while flying near Bohdanivka (government-controlled, 41km south-west of Donetsk).

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

Table of weapons

Beyond withdrawal lines but outside of designated storage sites:

Date	No. of weapons	Type of weapons	Location	Source of observation
Government-controlled areas				
23/09/2019	3	Towed howitzers (D-20, 152mm)	Near Khibodarivka (65km south-west of Donetsk)	Patrol

Table of ceasefire violations as of 23 September 2019⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 19:16
							22-Sep, 21:11
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-3km SSE	Recorded	1	Projectile	WSW to ENE	N/K	22-Sep, 21:48
	2-3km SSE	Recorded	9	Projectile	WSW to ENE	N/K	22-Sep, 22:01
	2-3km SSE	Recorded	10	Projectile	WSW to ENE	N/K	22-Sep, 22:03
	2-3km SSE	Recorded	10	Projectile	WSW to ENE	N/K	22-Sep, 22:08
	2-3km SSE	Recorded	14	Projectile	WSW to ENE	N/K	22-Sep, 22:10
	2.5-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	22-Sep, 22:24
	2.5-4km SSE	Recorded	8	Projectile	ENE to WSW	N/K	22-Sep, 22:26
	2-3km SSE	Recorded	7	Projectile	WNW to ESE	N/K	22-Sep, 22:28
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:30
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:32
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:35
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:37
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:40
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:41
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:42
	2-3km SSE	Recorded	2	Burst	In vertical flight (approximately 5 rounds)	N/K	22-Sep, 22:42
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:43
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:44
	2-3km SSE	Recorded	9	Projectile	WNW to ESE	N/K	22-Sep, 22:45
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:47
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:48
	2-3km SSE	Recorded	1	Projectile	WNW to ESE	N/K	22-Sep, 22:52
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:54
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:55
	4-6km SSE	Recorded	2	Explosion	Undetermined	N/K	22-Sep, 22:58
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:59
	2-3km SSE	Recorded	1	Projectile	WNW to ESE	N/K	22-Sep, 23:01
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 23:04
	2-3km SSE	Recorded	1	Projectile	WNW to ESE	N/K	22-Sep, 23:08

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.

	2-3km SSE	Recorded	1	Projectile	WNW to ESE	N/K	22-Sep, 23:09	
	2-3km SSE	Recorded	56	Projectile	WNW to ESE	N/K	22-Sep, 23:10	
	2-3km SSE	Recorded	2	Projectile	WNW to ESE	N/K	22-Sep, 23:19	
	2-4km SE	Recorded	9	Projectile	In vertical flight	N/K	22-Sep, 23:24	
	2-3km SSE	Recorded	1	Projectile	NW to SE	N/K	22-Sep, 23:25	
	2-3km SSE	Recorded	87	Projectile	WNW to ESE	N/K	22-Sep, 23:27	
	2-3km SSE	Recorded	6	Projectile	WNW to ESE	N/K	22-Sep, 23:50	
	2-3km SSE	Recorded	4	Projectile	WNW to ESE	N/K	23-Sep, 00:12	
	2-3km SSE	Recorded	1	Projectile	In vertical flight	N/K	23-Sep, 01:10	
	2.5-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	23-Sep, 01:28	
	2-3km SE	Recorded	15	Projectile	In vertical flight	N/K	23-Sep, 01:36	
	2.5-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	23-Sep, 01:37	
	2-3km SE	Recorded	10	Projectile	In vertical flight	N/K	23-Sep, 01:37	
	2.5-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	23-Sep, 01:44	
	SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km SSE	Recorded	3	Projectile	E to W	N/K	22-Sep, 21:35
300-600m SSW		Recorded	1	Projectile	W to E	N/K	22-Sep, 21:55	
0.3-0.6km S		Recorded	1	Illumination flare	In vertical flight	N/K	22-Sep, 21:55	
0.3-0.6km SSW		Recorded	2	Muzzle flash		N/K	22-Sep, 21:55	
0.3-0.6km SSE		Recorded	1	Illumination flare	In vertical flight	N/K	22-Sep, 21:56	
0.3-0.6km S		Recorded	3	Explosion	Impact	N/K	22-Sep, 21:56	
0.3-0.6km SSW		Recorded	7	Muzzle flash		N/K	22-Sep, 21:56	
0.3-0.6km SSW		Recorded	6	Muzzle flash		N/K	22-Sep, 21:57	
0.1-0.2km S		Recorded	1	Illumination flare	In vertical flight	N/K	22-Sep, 22:10	
0.3-0.6km SSW		Recorded	4	Muzzle flash		N/K	22-Sep, 22:10	
0.3-0.6km SSW		Recorded	14	Muzzle flash		N/K	22-Sep, 22:11	
0.3-0.6km SSW		Recorded	1	Projectile	W to E	N/K	22-Sep, 22:11	
0.3-0.6km S		Recorded	4	Explosion	Impact	N/K	22-Sep, 22:11	
0.3-0.6km S		Recorded	3	Explosion	Impact	N/K	22-Sep, 22:26	
0.5-1.5km SSW		Recorded	3	Explosion	Undetermined	N/K	23-Sep, 01:33	
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)		3-5km ENE	Recorded	22	Projectile	In vertical flight	N/K	22-Sep, 19:18
		3-5km ENE	Recorded	21	Projectile	In vertical flight	N/K	22-Sep, 19:19
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Projectile	In vertical flight	N/K	22-Sep, 19:16	
	2-4km ENE	Recorded	13	Projectile	S to N	N/K	22-Sep, 19:31	
	2-4km ENE	Recorded	12	Projectile	S to N	N/K	22-Sep, 19:32	
	2-5km ENE	Recorded	2	Projectile	N to S	N/K	22-Sep, 20:48	
	2-5km ENE	Recorded	2	Projectile	S to N	N/K	22-Sep, 20:48	
	2-5km ENE	Recorded	41	Projectile	S to N	N/K	22-Sep, 20:53	
2-5km ENE	Recorded	10	Projectile	N to S	N/K	22-Sep, 20:53		

	2-5km ENE	Recorded	1	Projectile	N to S	N/K	22-Sep, 20:55
	2-5km ENE	Recorded	17	Projectile	N to S	N/K	22-Sep, 21:06
	2-5km ENE	Recorded	1	Projectile	N to S	N/K	22-Sep, 21:11
	2-5km ENE	Recorded	6	Projectile	N to S	N/K	22-Sep, 21:11
	2-5km ENE	Recorded	6	Projectile	N to S	N/K	22-Sep, 22:13
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km ENE	Recorded	2	Muzzle flash		N/K	22-Sep, 19:03
	2-4km ENE	Recorded	2	Muzzle flash		N/K	22-Sep, 19:04
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 84km S of Donetsk)	1-2km S	Recorded	2	Projectile	W to E	N/K	22-Sep, 19:53
	3-5km S	Recorded	1	Projectile	W to E	N/K	22-Sep, 20:16
	3-5km S	Recorded	6	Projectile	W to E	N/K	22-Sep, 20:18
	3-5km S	Recorded	6	Projectile	E to W	N/K	22-Sep, 20:22
	3-5km S	Recorded	4	Projectile	W to E	N/K	22-Sep, 20:22
	3-5km S	Recorded	8	Projectile	W to E	N/K	22-Sep, 20:23
	3-5km S	Recorded	7	Projectile	W to E	N/K	22-Sep, 20:24
	3-5km S	Recorded	1	Projectile	In vertical flight	N/K	22-Sep, 20:24
	3-5km S	Recorded	2	Projectile	W to E	N/K	22-Sep, 20:40
	3-5km S	Recorded	3	Projectile	W to E	N/K	22-Sep, 21:03
	3-5km S	Recorded	4	Projectile	W to E	N/K	22-Sep, 21:04
	3-5km S	Recorded	6	Projectile	W to E	N/K	22-Sep, 21:07
	3-5km S	Recorded	5	Projectile	W to E	N/K	22-Sep, 21:21
	3-5km S	Recorded	4	Projectile	NE to SW	N/K	22-Sep, 21:23
	3-5km S	Recorded	2	Projectile	W to E	N/K	22-Sep, 21:39
	3-5km S	Recorded	4	Projectile	W to E	N/K	22-Sep, 22:15
	3-5km S	Recorded	1	Projectile	W to E	N/K	22-Sep, 22:22
	3-5km S	Recorded	6	Projectile	NE to SW	N/K	22-Sep, 22:27
	3-5km S	Recorded	3	Projectile	W to E	N/K	22-Sep, 22:35
	3-5km S	Recorded	2	Projectile	W to E	N/K	22-Sep, 22:48
	3-5km S	Recorded	5	Projectile	E to W	N/K	22-Sep, 22:48
	3-5km S	Recorded	2	Projectile	W to E	N/K	22-Sep, 22:49
	3-5km SSE	Recorded	3	Projectile	E to W	N/K	22-Sep, 23:03
	3-5km SSE	Recorded	26	Projectile	E to W	N/K	22-Sep, 23:06
	3-5km SSE	Recorded	12	Projectile	E to W	N/K	22-Sep, 23:07
	3-5km SSE	Recorded	4	Projectile	E to W	N/K	23-Sep, 00:41
	3-5km SSE	Recorded	2	Projectile	NE to SW	N/K	23-Sep, 01:11
	3-5km SSE	Recorded	3	Projectile	NE to SW	N/K	23-Sep, 01:48
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	23-Sep, 01:49
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	23-Sep, 01:51
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	23-Sep, 01:52
	3-5km S	Recorded	2	Projectile	E to W	N/K	23-Sep, 02:45
	3-5km SSE	Recorded	14	Projectile	E to W	N/K	23-Sep, 03:06
3-5km S	Recorded	5	Projectile	E to W	N/K	23-Sep, 03:52	
3-5km S	Recorded	2	Projectile	W to E	N/K	23-Sep, 03:52	
3-5km S	Recorded	1	Explosion	Undetermined	N/K	23-Sep, 03:52	
3-5km SSE	Recorded	2	Projectile	E to W	N/K	23-Sep, 03:53	

	3-5km S	Recorded	1	Projectile	W to E	N/K	23-Sep, 03:53
	3-5km S	Recorded	3	Projectile	E to W	N/K	23-Sep, 03:53
	3-5km S	Recorded	1	Projectile	E to W	N/K	23-Sep, 04:15
	3-5km S	Recorded	1	Explosion	Airburst	N/K	23-Sep, 04:15
	3-5km SSE	Recorded	2	Projectile	E to W	N/K	23-Sep, 04:17
	3-5km S	Recorded	3	Projectile	W to E	N/K	23-Sep, 04:17
	3-5km S	Recorded	14	Projectile	W to E	N/K	23-Sep, 04:20
	3-5km SSE	Recorded	2	Projectile	E to W	N/K	23-Sep, 04:57
	3-5km SSE	Recorded	4	Explosion	Undetermined	N/K	23-Sep, 05:20
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km ESE	Recorded	1	Projectile	N to S	N/K	22-Sep, 21:05
	4-6km ESE	Recorded	2	Projectile	S to N	N/K	22-Sep, 21:06
	4-6km ESE	Recorded	1	Projectile	N to S	N/K	22-Sep, 21:07
	5-7km ESE	Recorded	1	Projectile	SW to NE	N/K	22-Sep, 22:32
Krasnohorivka (government-controlled, 21km W of Donetsk)	1km E	Heard	26	Shot		Small arms	23-Sep, 12:09-12:10
	1km E	Heard	6	Shot		Small arms	23-Sep, 12:13
	3-4km E	Heard	1	Explosion	Undetermined	N/K	23-Sep, 12:18
	2-3km NNE	Heard	1	Explosion	Undetermined	N/K	23-Sep, 12:28
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km NW	Heard	8	Shot		HMG	23-Sep, 13:54
	1-2km NW	Heard	2	Explosion	Outgoing	N/K	23-Sep, 13:53
	5-7km NW	Heard	2	Explosion	Undetermined	N/K	23-Sep, 14:10
	2km NW	Heard	2	Shot		Small arms	23-Sep, 14:12
	2km NW	Heard	2	Shot		Small arms	23-Sep, 14:15
	1-2km NW	Heard	4	Shot		Small arms	23-Sep, 15:16
	1-2km NW	Heard	3	Shot		Small arms	23-Sep, 14:17
	1-2km NW	Heard	1	Shot		Small arms	23-Sep, 14:19
Khreshchatytske (formerly Krasnoarmiiske, non-government-controlled, 86km S of Donetsk)	3-5km WSW	Heard	2	Explosion	Undetermined	N/K	23-Sep, 12:48-12:51
	3-5km WSW	Heard	12	Burst		HMG	23-Sep, 12:48-12:51
	3-5km SW	Heard	11	Burst		HMG	23-Sep, 12:57-12:58
	3-5km SW	Heard	5	Explosion	Outgoing	N/K	23-Sep, 13:19-13:20
	3-5km SW	Heard	5	Explosion	Impact	N/K	23-Sep, 13:19-13:20
	3-5km SW	Heard	5	Explosion	Outgoing	N/K	23-Sep, 13:22-13:23
	3-5km SW	Heard	5	Explosion	Impact	N/K	23-Sep, 13:22-13:23
	3-5km SW	Heard	4	Explosion	Outgoing	N/K	23-Sep, 13:25-13:27
	3-5km SW	Heard	4	Explosion	Impact	N/K	23-Sep, 13:25-13:27
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SW	Heard	2	Explosion	Undetermined	N/K	22-Sep, 18:32
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 18:35
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 18:36
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 18:37
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 18:56
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 19:08

	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 19:10
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 19:20
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 19:25
	3-5km SW	Heard	12	Explosion	Undetermined	N/K	22-Sep, 20:50-20:55
	2-4km SW	Heard	21	Shot	Undetermined	Small arms	22-Sep, 20:53-20:57
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	22-Sep, 21:12
	2-4km S	Heard	5	Burst	Undetermined	Small arms	22-Sep, 21:37
	2-4km S	Heard	2	Shot	Undetermined	Small arms	22-Sep, 22:19
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 22:24
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 23:07
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 23:10
	3-5km SW	Heard	4	Explosion	Undetermined	N/K	22-Sep, 23:20-23:25
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	22-Sep, 23:27
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 23:44
	4-6km SW	Heard	2	Explosion	Undetermined	N/K	23-Sep, 16:37
	3-5km E	Heard	1	Explosion	Undetermined	N/K	23-Sep, 17:18
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-4km NW	Heard	1	Explosion	Undetermined	N/K	23-Sep, 16:50
	3-5km NW	Heard	10	Explosion	Undetermined	N/K	23-Sep, 16:53-16:57
Krasnohorivka (government-controlled, 24km N of Donetsk)	5-10km SSE	Heard	1	Explosion	Undetermined	N/K	23-Sep, 11:50
Maiorsk (government-controlled, 45km NE of Donetsk)	800m N	Heard	3	Burst		Small arms	23-Sep, 11:20
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	5-9km NE	Heard	1	Explosion	Undetermined	N/K	23-Sep, 13:19
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	3-6km SSW	Recorded	1	Projectile	NW to SE	N/K	23-Sep, 02:27
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-5km WNW	Heard	16	Shot	Assessed as outside the disengagement area	N/K	22-Sep, 20:16-20:17
NW edge of Almazna (non-government-controlled, 55km W of Luhansk)	1-2km SSW	Heard	20	Explosion	Undetermined (Assessed as live-fire exercise)	N/K	23-Sep, 11:17-11:27
	1-2km SSW	Heard	15	Burst	Assessed as live-fire exercise	Small arms	23-Sep, 11:17-11:27
	1-2km SSW	Heard	12	Shot	Assessed as live-fire exercise	Small arms	23-Sep, 11:17-11:27

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).