



Daily Report 297/2019

16 December 2019¹

Summary

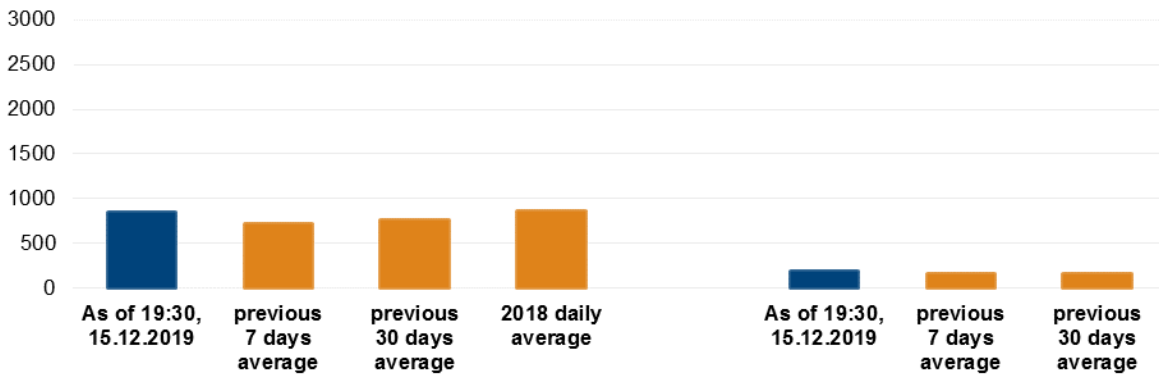
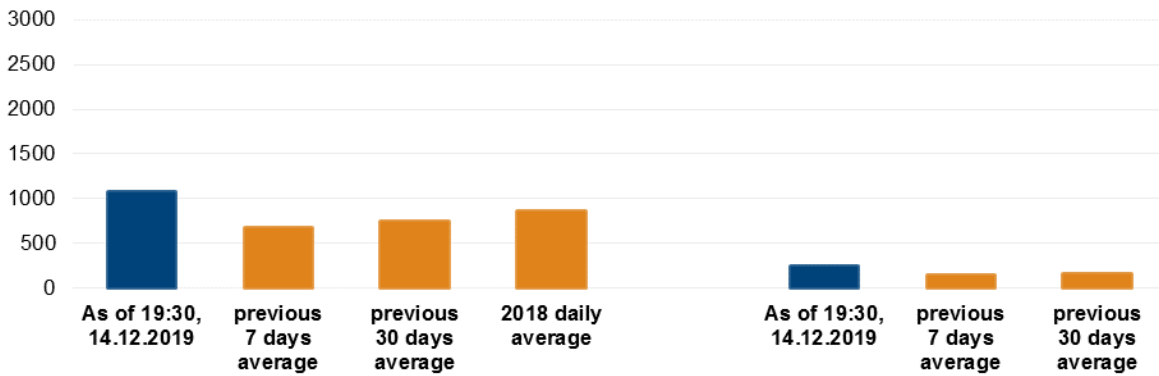
- Compared with the previous reporting period, between the evenings of 13 and 14 December, the SMM recorded fewer ceasefire violations in Donetsk region and more in Luhansk region.
- Between the evenings of 14 and 15 December, the Mission recorded fewer ceasefire violations in both Donetsk and Luhansk regions, compared with the previous 24 hours.
- The SMM continued monitoring the situation at the three disengagement areas near Petrivske, Zolote and Stanytsia Luhanska.
- It saw multiple launch rocket systems in violation of withdrawal lines in a non-government-controlled area of Luhansk region.
- The SMM monitored adherence to a localized ceasefire to facilitate the drilling of water wells in a non-government-controlled area of Luhansk region. It continued to facilitate the operation of the Donetsk Filtration Station.
- The Mission continued seeing long queues at entry-exit checkpoints and corresponding checkpoints along the contact line.
- Freedom of movement of the SMM continued to be restricted, including near Prymorske, Tavrycheske, Zaichenko and Verkhnoшыrokyvske, all in non-government-controlled areas of southern Donetsk region.*

¹ Based on information from the Monitoring Teams as of 19:30, 15 December 2019. All times are in Eastern European Time. During the reporting period, the SMM camera in Shyrokyne was not operational.

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



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

³ Including explosions.

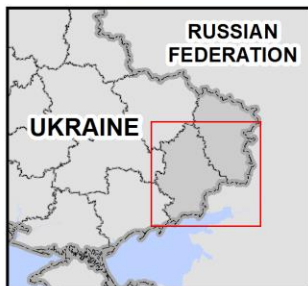
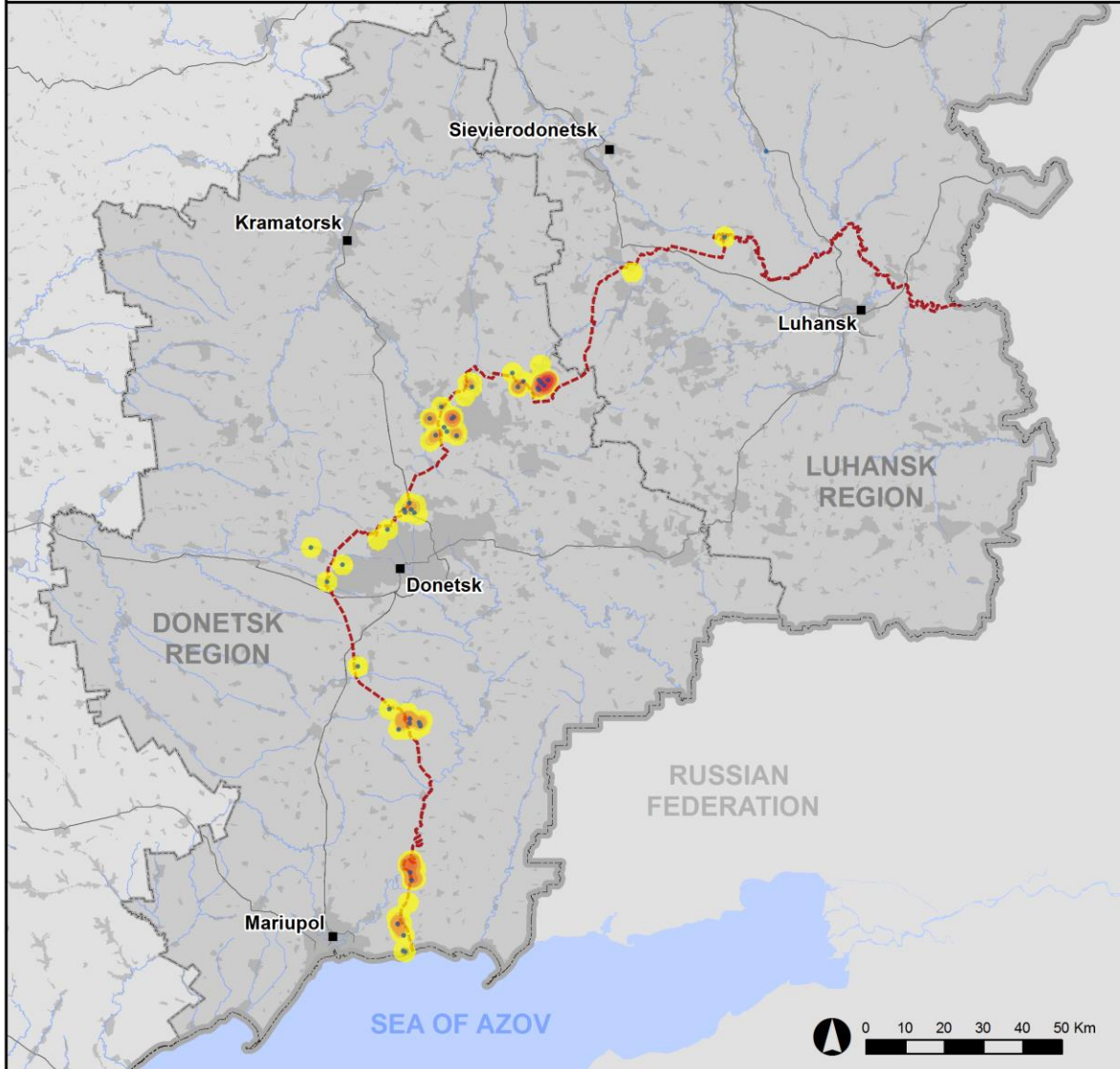
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

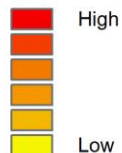


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 14-15 December 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: 16/12/2019

In Donetsk region, between the evenings of 13 and 14 December, the SMM recorded fewer ceasefire violations, however, more explosions (about 245), compared with the [previous reporting period](#) (about 230 explosions). About two thirds of the ceasefire violations, including the majority of explosions, were recorded at night-time at south-easterly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk) and at easterly and southerly directions of Chermalyk (government-controlled, 77km south of Donetsk).

Between the evenings of 14 and 15 December, the Mission recorded fewer ceasefire violations, including fewer explosions (190), compared with the previous 24 hours. About two thirds of the ceasefire violations, including almost all explosions, were recorded in areas south-east, and south-west of Svitlodarsk.

In Luhansk region, between the evenings of 13 and 14 December, the Mission recorded more ceasefire violations, including four explosions compared with the [previous reporting period](#) when the SMM recorded an undetermined explosion. The majority of ceasefire violations, including almost all explosions were recorded in areas south-west of Kriakivka (government-controlled, 38km north-west of Luhansk).

Between the evenings of 14 and 15 December, the SMM recorded two shots of small-arms fire at south-easterly directions of Zolote-4/Rodina (government-controlled, 59km west of Luhansk) and no explosions, compared with the previous 24 hours.

Disengagement areas near Petrivske, Zolote and Stanytsia Luhanska⁵

On 14 December, positioned about 2km east-north-east of Bohdanivka (government-controlled 41km south-west of Donetsk), the SMM heard 17 shots of small-arms fire at an assessed range of 1-2km south-south-east, assessed as inside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk). Throughout the day, positioned at two different locations near the disengagement area, the Mission heard 26 ceasefire violations, including 13 explosions, all assessed as outside the disengagement area, but within its 5km periphery.

On 15 December, the Mission saw a white flag with “JCCC” written in blue in Cyrillic and Latin letters atop the roof of a house about 100m east of the SMM camera site in Petrivske.

On the same day, positioned about 2km east-north-east of Bohdanivka, the SMM heard 70 shots and bursts of small-arms and heavy-machine-gun fire at an assessed range of 0.5-3km east, all assessed as inside the disengagement area. Throughout the day, positioned at two different locations near the disengagement area, the Mission heard a total of three undetermined explosions and about 50 shots and bursts of small-arms and heavy-machine-gun fire, all assessed as outside the disengagement area, but within its 5km periphery.

On 13 December, inside the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk), about 650m south of the area’s northern edge, an SMM mini-unmanned aerial vehicle [again](#) spotted two obstacles partially blocking road T-1316. At the entry-exit checkpoint (EECP) of the Ukrainian Armed Forces, about 300m north of the area’s northern edge, the same UAV spotted two trucks, as well as a probable armoured combat vehicle and a

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

probable armoured ambulance (MT-LB S), both under camouflage netting. About 100m north of the disengagement area's northern edge, the UAV spotted a probable infantry fighting vehicle (IFV) (BMP-1).

On 14 December, the SMM saw 15 workers from non-government-controlled areas with chainsaws and other equipment, as well as two members of the armed formations (wearing armbands with "JCCC" written on them) enter the area. On both 14 and 15 December, the Mission saw members of the armed formations (wearing armbands with "JCCC" written on them) at a checkpoint barrack painted in blue with "JCCC" written on it in Cyrillic and Latin letters on the southern edge of the area. About 50m further south, it continued seeing a container with "JCCC" written on it with two flags flying atop; one with "JCCC" written in Cyrillic and Latin letters and another light blue, dark blue and red flag. On 15 December, at the abovementioned checkpoint, the Mission saw two members of the armed formations (wearing armbands with "JCCC" written on them) painting a barrack in white and blue.

On the same day, positioned in Zolote-4/Rodina, the SMM heard two bursts of small-arms fire at an assessed range of 2-4km south-east, assessed as outside the disengagement area, but within its 5km periphery.

On 13 December, outside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), about 60m north of the area, an SMM mini-UAV [again](#) spotted an armoured personnel carrier (BTR-3E). About 1km south-east of the Stanytsia Luhanska bridge (15km north-east of Luhansk), outside the disengagement area, the UAV [again](#) spotted an anti-aircraft gun (ZU-23, 23mm), assessed as belonging to the armed formations.

On 13 December, inside the disengagement area, about 30m south of its northern edge and about 300m east-south-east of the EECF of the Ukrainian Armed Forces, an SMM mini-UAV spotted a person in camouflage clothing. At a nearby location, on 14 December, an SMM mini-UAV spotted two persons in camouflage clothing, one of whom was holding a weapon, a probable rifle over the shoulder (for similar observations in the area, see [SMM Daily Report 12 December 2019](#)). On 14 and 15 December, the SMM continued seeing members of the armed formations (wearing armbands with "JCCC" written on them) between the checkpoint of the armed formations and the new section of the bridge.

Withdrawal of weapons

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

It saw multiple launch rocket systems in violation of withdrawal lines and tanks beyond withdrawal lines but outside designated storage sites in both government- and non-government-controlled areas of Luhansk region (for further details, see the table below).

Weapons permanent storage site

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

14 December

The SMM noted that all previously observed weapons were present.

Indications of military and military-type presence inside the security zone⁶

The SMM saw IFVs and armoured personnel carriers inside the security zone on both sides of the contact line (for further details, see the table below).

Anti-tank mines near Verkhnohyrokiivske and mine hazard signs in Verkhnotoretske and Veselenke

On 14 December, the SMM [again](#) saw six anti-tank mines north of a road leading from Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk) to Pyshechyk (government-controlled, 84km south of Donetsk).

On the same day, in Verkhnotoretske (government-controlled, 23km north-east of Donetsk), the Mission saw for the first time a mine hazard sign on the eastern side of a local road leading to Betmanove (formerly Krasnyi Partyzan, non-government-controlled, 23km north-east of Donetsk).

On 15 December, on the side of the main road in Veselenke (non-government-controlled, 11km north-east of Luhansk), the SMM saw for the first time a hand-written mine hazard sign with “Fishing forbidden. Mines” written on it in Russian.

Long queues at entry-exit checkpoints and corresponding checkpoints along the contact line

On 14 December, the SMM saw long queues at checkpoints of the armed formations along the contact line in Donetsk region. At a checkpoint in Olenivka (non-government-controlled, 23km south-west of Donetsk), the SMM saw about 100 pedestrians, about 160 cars and 50 buses queueing to travel towards government-controlled areas and at least 20 pedestrians and at least 30 cars in the opposite direction. At a checkpoint near Horlivka (non-government-controlled, 39km north-east of Donetsk), the SMM saw about 90 cars queueing towards government-controlled areas and about 150 pedestrians queueing in opposite direction. At the same checkpoint, a man in his sixties told the SMM that it took him over six hours to cross the contact line and that cars are “jumping the queue” (for previous observations in the area, see [SMM Daily Report 29 November 2019](#)).

On 15 December, at the EECP near Maiorsk (government-controlled, 45km north-east of Donetsk), the Mission saw about 200 pedestrians and about 70 cars queueing to exit government-controlled areas and about 20 pedestrians and 30 cars queueing in the opposite direction. At the corresponding checkpoint of the armed formations near Horlivka, the SMM saw about 120 pedestrians and 220 cars queueing to travel towards government-controlled areas and about 30 pedestrians and 40 cars in the opposite direction. In the area between the EECP near Maiorsk and the checkpoint near Horlivka, the Mission saw at least 150 pedestrians and 50 cars and minivans driving in both directions.

SMM facilitation of repairs and operation of critical civilian infrastructure

⁶ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

On 14 December, the SMM monitored adherence to a localized ceasefire to facilitate the drilling of water wells near Pankivka (non-government-controlled, 16km north of Luhansk). It continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) and monitor the security situation in the area of the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

SMM monitored the security situation in south-east Kherson region

On 13 December, the Mission observed a calm situation at an EECP between Chonhar (163km south-east of Kherson) and Crimea.

The Mission continued monitoring in 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 Joint Centre for Control and Coordination (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 of 11 December 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.

Denials of access:

- On 14 December, at a checkpoint near Prymorske (non-government-controlled, 76km south of Donetsk), two armed members of the armed formations denied the SMM passage towards Naberezhne (non-government-controlled, 77km south of Donetsk), citing “ongoing demining activities in the area”.
- On 14 December, on the north-eastern outskirts of Tavrycheske (non-government-controlled, 76km south of Donetsk), an armed member of the armed formations denied the SMM passage towards non-government-controlled areas, citing “ongoing demining activities in the area”.
- On 15 December, at a checkpoint about 800m north of Zaichenko (non-government-controlled, 93km south of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage towards Sakhanka (non-government-controlled, 97km south of Donetsk) and Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk), citing “ongoing demining activities in the area”.

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 15 December, at a checkpoint 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.

Other impediments:

- On 14 December, on three occasions, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Bohdanivka (government-controlled, 41km south-west of Donetsk). On two other occasions, SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Petrivske (non-government-controlled, 41km south of Donetsk) and Styla (non-government-controlled, 34km south of Donetsk).⁷

⁷ The interference could have originated from anywhere within the radius of kilometres from the UAV's position.

Table of weapons

Weapons in violation of the withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
14/12/2019	22	Multiple launch rocket system (BM-21 Grad, 122mm)	Near Khrustalnyi (formerly Krasnyi Luch, 56km south-west of Luhansk).	Patrol

Beyond withdrawal lines but outside of designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
15/12/2019	15	Tank (type undetermined)	At a railway station in Rubizhne (84km north-west of Luhansk). At the same station on 13 December, the SMM saw also about 30 IFVs. ⁸	Patrol

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
14/12/2019	3	Infantry fighting vehicle (BTR-4)	In Avdiivka (17km north of Donetsk)	Patrol
	1	Armoured personnel carrier (BTR-60)	In Novokalynove (29km north-west of Donetsk)	
	2	Infantry fighting vehicle (BMP variant)	South of Lebedynske (99km south of Donetsk)	
15/12/2019	3	Infantry fighting vehicle (BMP-2)	In and near Muratove (51km north-west of Luhansk)	
Non-government-controlled areas				
14/12/2019	1	Infantry fighting vehicle (BMP-2)	Western outskirts of Luhansk city	Patrol

⁸ IFVs mentioned in this section are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

⁹ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

Table of ceasefire violations as of 15 December 2019¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	3-6km SE	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 19:53
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	1-3km ESE	Recorded	1	Projectile	WSW to ENE	N/K	13-Dec, 18:55
	1-3km ESE	Recorded	14	Projectile	SW to NE	N/K	13-Dec, 19:00
	1-3km SSE	Recorded	4	Projectile	NE to SW	N/K	13-Dec, 19:03
	1-3km SSE	Recorded	1	Muzzle flash	Undetermined	N/K	13-Dec, 19:17
	1-3km SSE	Recorded	1	Projectile	NNE to SSW	N/K	13-Dec, 19:17
	1-3km SSE	Recorded	1	Muzzle flash	Undetermined	N/K	13-Dec, 19:19
	1-3km SSE	Recorded	4	Projectile	NE to SW	N/K	13-Dec, 19:19
	1-3km SSE	Recorded	10	Projectile	SW to NE	N/K	13-Dec, 19:24
	1-3km SSE	Recorded	5	Projectile	SW to NE	N/K	13-Dec, 19:25
	1-3km SSE	Recorded	5	Projectile	SW to NE	N/K	13-Dec, 19:27
	1-3km SSE	Recorded	7	Projectile	NE to SW	N/K	13-Dec, 19:29
	1-3km SSE	Recorded	17	Projectile	WSW to ENE	N/K	13-Dec, 19:33
	1-3km SSE	Recorded	3	Projectile	WSW to ENE	N/K	13-Dec, 19:36
	1-3km SSE	Recorded	10	Projectile	WSW to ENE	N/K	13-Dec, 19:37
	1-3km SSE	Recorded	12	Projectile	WSW to ENE	N/K	13-Dec, 19:38
	1-3km SSE	Recorded	2	Projectile	WSW to ENE	N/K	13-Dec, 19:39
	1-3km SSE	Recorded	7	Projectile	SW to NE	N/K	13-Dec, 19:46
	1-3km ESE	Recorded	19	Projectile	SW to NE	N/K	13-Dec, 19:49
	2-4km SE	Recorded	4	Projectile	WNW to ESE	N/K	13-Dec, 20:18
	2-4km SE	Recorded	10	Projectile	WNW to ESE	N/K	13-Dec, 20:19
	2-4km SE	Recorded	22	Projectile	WNW to ESE	N/K	13-Dec, 20:21
	2-4km SE	Recorded	6	Projectile	E to W	N/K	13-Dec, 20:30
	2-4km SE	Recorded	15	Projectile	WNW to ESE	N/K	13-Dec, 20:51
	2-4km SE	Recorded	3	Projectile	WNW to ESE	N/K	13-Dec, 20:54
	2-4km SE	Recorded	1	Burst	WNW to ESE	N/K	13-Dec, 20:55
	1-2km SE	Recorded	3	Projectile	WNW to ESE	N/K	13-Dec, 21:06
	3-5km SSE	Recorded	2	Projectile	W to E	N/K	14-Dec, 17:25
	3-5km SSE	Recorded	2	Projectile	WSW to ENE	N/K	14-Dec, 18:15
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	14-Dec, 18:16
	3-5km SSE	Recorded	5	Projectile	WSW to ENE	N/K	14-Dec, 18:24
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	14-Dec, 18:26
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	14-Dec, 18:27
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	14-Dec, 18:30
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	300-700m SSW	Recorded	6	Explosion	Undetermined	N/K	14-Dec, 01:25
	300-700m SSW	Recorded	1	Explosion	Undetermined	N/K	14-Dec, 18:18
	300-700m SSW	Recorded	1	Projectile	W to E	N/K	14-Dec, 18:18
	300-700m SSW	Recorded	2	Muzzle flash	Undetermined	N/K	14-Dec, 18:19
	300-700m SSW	Recorded	1	Projectile	W to E	N/K	14-Dec, 18:20
	2-4km SSW	Recorded	1	Explosion		N/K	14-Dec, 18:30
	2-4km SSW	Recorded	1	Projectile	NE to SW	N/K	14-Dec, 18:30
SMM camera at entry-exit checkpoint in Hnutove (government-	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 19:14
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 19:17
	2-4km ENE	Recorded	1	Projectile	In vertical flight	N/K	13-Dec, 19:17
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 19:19

¹⁰ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, and are not always necessarily precise. When information is not known (indicated with an “N/K”), the SMM was unable to ascertain such information due to distance, weather conditions and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

controlled, 84km S of Donetsk)	2-4km ENE	Recorded	1	Projectile	In vertical flight	N/K	13-Dec, 19:19
	2-4km ENE	Recorded	8	Projectile	N to S	N/K	13-Dec, 19:24
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	13-Dec, 19:25
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	13-Dec, 19:27
	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	13-Dec, 19:28
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	13-Dec, 19:36
	2-4km ENE	Recorded	8	Projectile	N to S	N/K	13-Dec, 19:37
	2-4km ENE	Recorded	3	Projectile	S to N	N/K	13-Dec, 19:37
	2-4km ENE	Recorded	8	Projectile	N to S	N/K	13-Dec, 19:38
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	13-Dec, 19:38
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	13-Dec, 19:39
	2-4km ENE	Recorded	5	Projectile	In vertical flight	N/K	13-Dec, 19:56
	2-4km ENE	Recorded	2	Projectile	In vertical flight	N/K	13-Dec, 19:57
	3-5km ENE	Recorded	3	Projectile	N to S	N/K	13-Dec, 20:18
	3-5km ENE	Recorded	8	Projectile	NNW to SSE	N/K	13-Dec, 20:19
	3-5km ENE	Recorded	7	Projectile	N to S	N/K	13-Dec, 20:21
	3-5km ENE	Recorded	1	Projectile	N to S	N/K	13-Dec, 20:22
	3-5km ENE	Recorded	7	Projectile	N to S	N/K	13-Dec, 20:51
	3-5km ENE	Recorded	2	Projectile	NW to SE	N/K	13-Dec, 20:54
	3-5km ENE	Recorded	10	Projectile	N to S	N/K	13-Dec, 20:55
3-5km ENE	Recorded	2	Projectile	N to S	N/K	14-Dec, 01:07	
3-5km ENE	Recorded	2	Projectile	N to S	N/K	14-Dec, 01:09	
SMM camera E of Lomakyne (government-controlled, 90km S of Donetsk)	2-6km E	Recorded	5	Projectile	S to N	N/K	14-Dec, 16:35
	2-6km E	Recorded	2	Projectile	In vertical flight	N/K	14-Dec, 16:35
	2-6km ENE	Recorded	6	Projectile	N to S	N/K	14-Dec, 16:36
	2-6km E	Recorded	1	Projectile	S to N	N/K	14-Dec, 16:36
	2-6km E	Recorded	3	Projectile	In vertical flight	N/K	14-Dec, 16:37
	2-6km E	Recorded	4	Projectile	S to N	N/K	14-Dec, 16:37
	2-6km E	Recorded	3	Projectile	WSW to ENE	N/K	14-Dec, 16:37
	2-6km E	Recorded	1	Projectile	N to S	N/K	14-Dec, 16:38
	2-6km E	Recorded	3	Projectile	W to E	N/K	14-Dec, 16:38
	2-6km E	Recorded	5	Projectile	S to N	N/K	14-Dec, 16:38
	2-6km E	Recorded	12	Projectile	W to E	N/K	14-Dec, 17:32
	2-6km E	Recorded	13	Projectile	S to N	N/K	14-Dec, 17:35
	2-6km E	Recorded	1	Explosion	Undetermined	N/K	14-Dec, 17:35
	2-6km E	Recorded	7	Projectile	S to N	N/K	14-Dec, 17:36
	2-6km E	Recorded	1	Projectile	N to S	N/K	14-Dec, 17:37
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	14-Dec, 10:22
	2-3km SSW	Heard	5	Burst		HMG	14-Dec, 10:23
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	14-Dec, 09:18
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	14-Dec, 09:26
1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km SSE	Heard	2	Burst	Assessed as outside the disengagement area	HMG	14-Dec, 11:46
	2-3km SSE	Heard	1	Burst	Assessed as outside the disengagement area	HMG	14-Dec, 11:48
	2-3km SSE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Dec, 11:59
	2-3km SSE	Heard	1	Burst	Assessed as outside the disengagement area	HMG	14-Dec, 11:59
	2-4km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Dec, 12:43
	2-4km SSE	Heard	1	Burst	Assessed as outside the disengagement area	HMG	14-Dec, 12:43

	2-4km SSE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Dec, 12:53
	3-4km SSE	Heard	3	Shot	Assessed as outside the disengagement area	HMG	14-Dec, 12:54
	3-4km SSE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Dec, 12:56
About 2km ENE of Bohdanivka (government-controlled, 41km SW of Donetsk)	1-2km SSE	Heard	17	Shot	Assessed as inside the disengagement area	Small arms	14-Dec, 10:27-10:29
	2-4km SSE	Heard	2	Burst	Assessed as outside the disengagement area	Small arms	14-Dec, 11:46
	2-4km SSE	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	14-Dec, 11:46
	2-4km SSE	Heard	1	Burst	Assessed as outside the disengagement area	HMG	14-Dec, 11:49
	2-4km SSE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Dec, 11:58-12:02
	2-4km SSE	Heard	1	Burst	Assessed as outside the disengagement area	HMG	14-Dec, 11:58-12:02
Staromykhailivka (non-government-controlled, 15km W of Donetsk)	2-3km SW	Heard	3	Explosion	Undetermined	N/K	14-Dec, 13:17-13:19
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km ESE	Heard	30	Burst		HMG	13-Dec, 19:05-19:15
	4-5km ESE	Heard	20	Explosion	Undetermined	N/K	13-Dec, 19:05-19:15
	4-5km SE	Heard	27	Burst		HMG	13-Dec, 19:25-19:29
	4-5km SE	Heard	15	Explosion	Undetermined	N/K	13-Dec, 19:25-19:29
	4-5km SE	Heard	30	Burst		HMG	13-Dec, 19:40
	4-5km SE	Heard	17	Explosion	Undetermined	N/K	13-Dec, 19:40
	4-5km SE	Heard	7	Explosion	Undetermined	N/K	13-Dec, 19:43
	4-5km SE	Heard	3	Burst		HMG	13-Dec, 20:30
	4-5km SE	Heard	10	Burst		HMG	13-Dec, 20:53
	4-5km SE	Heard	15	Burst		HMG	13-Dec, 22:30
	4-5km SE	Heard	4	Explosion	Undetermined	N/K	13-Dec, 22:35
	4-5km SE	Heard	11	Burst		HMG	13-Dec, 23:10
	4-5km SE	Heard	7	Explosion	Undetermined	N/K	13-Dec, 23:13
	4-5km SE	Heard	50	Burst		HMG	13-Dec, 23:20-23:30
	4-5km SE	Heard	15	Shot		Small arms	13-Dec, 23:20
	4-5km SE	Heard	15	Explosion	Undetermined	N/K	13-Dec, 23:23-23:27
	4-5km SE	Heard	25	Burst		HMG	13-Dec, 23:35-23:37
	4-5km SE	Heard	8	Explosion	Undetermined	N/K	13-Dec, 23:35
	4-5km SSE	Heard	15	Burst		HMG	13-Dec, 23:45
	4-5km SSE	Heard	7	Explosion	Undetermined	N/K	13-Dec, 23:45
	4-5km SSE	Heard	27	Burst		HMG	13-Dec, 23:55-23:59
	4-5km SE	Heard	7	Explosion	Undetermined	N/K	13-Dec, 23:55-23:59
	3-4km SE	Heard	5	Explosion	Undetermined	N/K	14-Dec, 08:46-08:47
	3-4km SE	Heard	15	Explosion	Undetermined	N/K	14-Dec, 15:55
	3-4km SE	Heard	20	Burst		HMG	14-Dec, 15:55
	3-4km SE	Heard	10	Explosion	Undetermined	N/K	14-Dec, 17:07

	3-4km SE	Heard	20	Burst		HMG	14-Dec, 17:07
	3-4km SE	Heard	10	Explosions	Undetermined	N/K	14-Dec, 17:07
	3-4km SE	Heard	17	Explosion	Undetermined	N/K	14-Dec, 17:15
	3-4km SE	Heard	7	Burst		HMG	14-Dec, 17:15
	3-4km SE	Heard	4	Burst		HMG	14-Dec, 18:05
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-4km WSW	Heard	12	Burst		HMG	14-Dec, 12:02
	3-5km WSW	Heard	3	Burst		HMG	14-Dec, 14:45
	5-7km W	Heard	1	Explosion	Undetermined	N/K	14-Dec, 16:05
About 8km NNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	1-2km W	Heard	3	Shot		Small arms	14-Dec, 10:41
NNW edge of Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km SW	Heard	6	Explosion	Undetermined	N/K	14-Dec, 11:39
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	14-Dec, 11:41
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	14-Dec, 11:43
	3-5km SW	Heard	12	Explosion	Undetermined	N/K	14-Dec, 11:45-11:50
	3-5km SW	Heard	16	Burst		HMG	14-Dec, 11:45-11:50
	3-5km SW	Heard	36	Burst		HMG	14-Dec, 11:50-11:55
	3-5km SW	Heard	24	Burst		HMG	14-Dec, 11:55-12:00
	3-5km SW	Heard	29	Burst		HMG	14-Dec, 12:00-12:05
NW edge of Horlivka (non-government controlled, 39km NE of Donetsk)	3-4km SW	Heard	4	Explosion	Undetermined	N/K	14-Dec, 12:28
	3-4km S	Heard	11	Explosion	Undetermined	N/K	14-Dec, 12:28
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	6-8km S	Heard	2	Explosion	Undetermined	N/K	14-Dec, 11:18
SE edge of Pivnichne (government-controlled, 44km NE of Donetsk)	2-4km S	Heard	12	Explosion	Undetermined	N/K	14-Dec, 11:20-11:35
Troitske (government-controlled, 30km N of Donetsk)	3-4km NE	Heard	21	Burst		HMG	14-Dec, 11:46-12:06
	1-2km NE	Heard	12	Burst		HMG	14-Dec, 11:46-12:06
	3-4km NE	Heard	1	Explosion	Undetermined	N/K	14-Dec, 12:04
SW edge of Zalizne (government-controlled, 42km NE of Donetsk)	4-5km S	Heard	3	Explosion	Undetermined	N/K	14-Dec, 11:50-11:54
	4-5km S	Heard	31	Burst		HMG	14-Dec, 11:50-12:08
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	3-5km SSW	Recorded	2	Explosion	Undetermined	N/K	13-Dec, 21:30
	3-5km SSW	Recorded	1	Projectile	NE to SW	N/K	13-Dec, 21:55
	3-5km SSW	Recorded	5	Projectile	E to W	N/K	13-Dec, 21:56
	3-5km SSW	Recorded	1	Projectile	WNW to ESE	N/K	13-Dec, 21:57
	3-5km SSW	Recorded	1	Projectile	WNW to ESE	N/K	13-Dec, 21:58
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 21:58
Novoaidar (government-controlled, 49km NW of Luhansk)	N/K ESE	Heard	1	Explosion	Undetermined	N/K	14-Dec, 12:33
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	14-Dec, 19:12
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	14-Dec, 19:14
	3-5km SSE	Recorded	15	Projectile	WSW to ENE	N/K	14-Dec, 19:33
	3-5km SSE	Recorded	5	Projectile	NE to SW	N/K	14-Dec, 19:35
	3-5km SSE	Recorded	2	Projectile	NE to SW	N/K	14-Dec, 19:36
	3-5km SE	Recorded	3	Projectile	SW to NE	N/K	14-Dec, 20:02
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	14-Dec, 22:47

	3-5km SSE	Recorded	1	Explosion	Impact	N/K	14-Dec, 22:47
	4-6km SSE	Recorded	4	Projectile	WSW to ENE	N/K	15-Dec, 04:26
	1-3km ESE	Recorded	25	Projectile	NE to SW	N/K	15-Dec, 16:56
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	4-6km SSE	Recorded	1	Projectile	NNE to SSW	N/K	15-Dec, 17:28
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	4-6km NW	Recorded	1	Explosion	Undetermined	N/K	14-Dec, 22:00
SMM camera E of Lomakyne (government-controlled, 90km S of Donetsk)	4-6km ESE	Recorded	1	Projectile	S to N	N/K	14-Dec, 21:36
	4-6km E	Recorded	2	Projectile	N to S	N/K	14-Dec, 21:38
	4-6km ENE	Recorded	4	Projectile	N to S	N/K	14-Dec, 22:20
	4-6km ENE	Recorded	3	Projectile	NW to SE	N/K	14-Dec, 22:20
	4-6km ESE	Recorded	2	Projectile	W to E	N/K	14-Dec, 22:24
	4-6km ESE	Recorded	1	Projectile	W to E	N/K	14-Dec, 22:25
	4-6km ESE	Recorded	10	Muzzle flash		N/K	15-Dec, 02:37
	4-6km ESE	Recorded	3	Muzzle flash		N/K	15-Dec, 02:38
	4-6km ESE	Recorded	3	Muzzle flash		N/K	15-Dec, 02:39
	4-6km ESE	Recorded	1	Muzzle flash		N/K	15-Dec, 02:40
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km ENE	Recorded	10	Projectile	NNW to SSE	N/K	14-Dec, 19:00
	1-3km ENE	Recorded	3	Projectile	NNW to SSE	N/K	14-Dec, 19:31
	2-4km E	Recorded	2	Projectile	N to S	N/K	15-Dec, 03:32
	2-4km ENE	Recorded	6	Projectile	N to S	N/K	15-Dec, 04:04
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	15-Dec, 17:34
	2-4km E	Recorded	1	Projectile		N/K	15-Dec, 17:34
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-3km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Dec, 22:00
	2-3km NNE	Recorded	4	Projectile	W to E	N/K	14-Dec, 22:00
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-3km NE	Recorded	1	Explosion	Undetermined	N/K	14-Dec, 18:42
About 8km WNW of Donetsk City Centre (non-government-controlled)	500-600m NW	Heard	6	Shot		Small arms	15-Dec, 10:25
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1km SW	Heard	10	Shot		HMG	15-Dec, 09:53
1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2km SW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Dec, 09:42
	2km W	Heard	3	Burst	Assessed as outside the disengagement area	HMG	15-Dec, 09:44
	2km W	Heard	2	Burst	Assessed as outside the disengagement area	HMG	15-Dec, 09:46
	2km S	Heard	4	Burst	Assessed as outside the disengagement area	HMG	15-Dec, 11:27
	6km SW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Dec, 11:27
	2km SE	Heard	12	Burst	Assessed as outside the disengagement area	Small arms	15-Dec, 13:16
	2km SW	Heard	28	Burst	Assessed as outside the disengagement area	HMG	15-Dec, 13:25

	4km S	Heard	2	Burst	Assessed as outside the disengagement area	HMG	15-Dec, 14:00
About 2km ENE of Bohdanivka (government-controlled, 41km SW of Donetsk)	3-4km NW	Heard	1	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	15-Dec, 12:52
	2-3km E	Heard	17	Burst	Assessed as inside the Petrivske disengagement area	Small arms	15-Dec, 13:09-13:12
	2-3km E	Heard	20	Burst	Assessed as inside the Petrivske disengagement area	Small arms	15-Dec, 13:18-13:20
	0.5-1km E	Heard	33	Burst	Assessed as inside the Petrivske disengagement area	Small arms	15-Dec, 13:20-13:25
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	8	Shot		Small arms	15-Dec, 10:02
2.3km SE of Lebedynske (government-controlled, 99km S of Donetsk)	3-5km NE	Heard	2	Explosion	Undetermined	N/K	15-Dec, 12:15-12:20
	3-4km ESE	Heard	5	Explosion	Undetermined	N/K	15-Dec, 12:15-12:20
	2-4km ESE	Heard	5	Shot	Assessed as cannon 73mm	N/K	15-Dec, 12:30-12:35
	2-4km ESE	Heard	1	Explosion	Outgoing	Mortar (type N/K)	15-Dec, 12:20-12:35
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SE	Heard	15	Burst		HMG	14-Dec, 19:50
	3-4km SE	Heard	10	Explosion	Undetermined	N/K	14-Dec, 19:50
	4-5km SE	Heard	25	Burst		HMG	14-Dec, 20:00
	4-5km SE	Heard	5	Explosion	Undetermined	N/K	14-Dec, 20:00
	4-5km SE	Heard	20	Burst		HMG	14-Dec, 20:15-20:20
	4-5km SE	Heard	10	Explosion	Undetermined	N/K	14-Dec, 20:15-20:20
	4-5km SE	Heard	20	Burst		HMG	14-Dec, 21:22
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 21:22
	4-5km SE	Heard	15	Burst		HMG	14-Dec, 21:36
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 21:36
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	14-Dec, 21:37
	2-3km SE	Heard	7	Explosion	Undetermined	N/K	14-Dec, 21:40
	3-4km ESE	Heard	8	Burst		HMG	14-Dec, 21:43
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	14-Dec, 21:50
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 21:51
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	14-Dec, 22:17
	4-5km ESE	Heard	25	Burst		HMG	14-Dec, 22:25
	4-5km ESE	Heard	10	Explosion	Undetermined	N/K	14-Dec, 22:25
	4-5km ESE	Heard	15	Burst		HMG	14-Dec, 22:33
	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 22:33
	4-5km ESE	Heard	10	Burst		HMG	14-Dec, 22:35
	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 22:35
	4-5km ESE	Heard	10	Burst		HMG	14-Dec, 22:36
	4-5km ESE	Heard	15	Burst		HMG	14-Dec, 22:38
	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 22:38
	4-5km ESE	Heard	17	Burst		HMG	14-Dec, 22:40
	4-5km ESE	Heard	3	Explosion	Undetermined	N/K	14-Dec, 22:40
	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 22:55
	4-5km ESE	Heard	7	Burst		Small arms	14-Dec, 22:59
	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 22:59
4-5km ESE	Heard	25	Burst		HMG	14-Dec, 23:04	

	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 23:04
	4-5km ESE	Heard	20	Burst		HMG	14-Dec, 23:05
	4-5km ESE	Heard	4	Explosion	Undetermined	N/K	14-Dec, 23:05
	4-5km ESE	Heard	10	Burst		HMG	14-Dec, 23:07
	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 23:07
	4-5km ESE	Heard	4	Burst		HMG	14-Dec, 23:09
	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 23:09
	4-5km ESE	Heard	25	Burst		HMG	14-Dec, 23:15
	4-5km ESE	Heard	4	Explosion	Undetermined	N/K	14-Dec, 23:15
	4-5km ESE	Heard	3	Explosion	Undetermined	N/K	14-Dec, 23:17
	4-5km ESE	Heard	7	Burst		HMG	14-Dec, 23:21
	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 23:21
	4-5km ESE	Heard	15	Burst		HMG	14-Dec, 23:27
	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 23:27
	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 23:28
	4-5km ESE	Heard	7	Burst		HMG	14-Dec, 23:36
	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	14-Dec, 23:40
	4-5km ESE	Heard	5	Burst		HMG	14-Dec, 23:45
	4-5km ESE	Heard	1	Explosion	Undetermined	N/K	14-Dec, 23:45
	4-5km ESE	Heard	5	Burst		HMG	14-Dec, 23:55
	4-5km ESE	Heard	3	Explosion	Undetermined	N/K	14-Dec, 23:55
	4-5km ESE	Heard	10	Burst		HMG	14-Dec, 23:57
	4-5km ESE	Heard	5	Explosion	Undetermined	N/K	14-Dec, 23:57
	4-5km ESE	Heard	15	Burst		HMG	14-Dec, 23:58
	4-5km ESE	Heard	4	Explosion	Undetermined	N/K	14-Dec, 23:58
	4-5km ESE	Heard	3	Explosion	Undetermined	N/K	14-Dec, 23:59
	3-5km SSE	Heard	3	Burst		HMG	15-Dec, 12:21-12:24
	3-5km SSE	Heard	17	Explosion	Undetermined	N/K	15-Dec, 12:21-12:24
	2-4km NE	Heard	1	Burst		HMG	15-Dec, 14:05
	4-6km W	Heard	6	Explosion	Undetermined	N/K	15-Dec, 14:06-14:08
	2-4km SW	Heard	1	Burst		HMG	15-Dec, 15:14
	2-4km SW	Heard	6	Explosion	Undetermined	N/K	15-Dec, 15:16
	4-6km SW	Heard	1	Burst		HMG	15-Dec, 16:40
	4-6km SW	Heard	1	Burst		HMG	15-Dec, 16:47
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	15-Dec, 16:57
	4-6km SW	Heard	3	Burst		HMG	15-Dec, 16:59-17:01
	4-6km SW	Heard	6	Burst		HMG	15-Dec, 17:10-17:12
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	15-Dec, 17:19
	4-6km SW	Heard	3	Burst		HMG	15-Dec, 17:19
	4-6km SW	Heard	4	Burst		HMG	15-Dec, 17:26-17:29
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	15-Dec, 17:31
	4-6km SW	Heard	6	Explosion	Undetermined	N/K	15-Dec, 17:35-17:36
	4-6km SW	Heard	5	Burst		HMG	15-Dec, 17:35-17:36
	4-6km SW	Heard	7	Burst		HMG	15-Dec, 17:45-17:49
	4-6km SW	Heard	2	Explosion	Undetermined	N/K	15-Dec, 18:12
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-7km W	Heard	1	Explosion	Undetermined	N/K	15-Dec, 16:05
Zolote-4/Rodina (government-controlled 59km west of Luhansk)	2-4km SE	Heard	2	Burst	Assessed as outside the disengagement area	Small arms	15-Dec, 09:10

Map of Donetsk and Luhansk regions¹¹



¹¹ The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: a forward patrol base from which SMM staff has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations. The SMM uses the premises during daylight hours and patrols in this settlement during daylight hours, as well).