

Daily Report 41/2020

19 February 2020¹

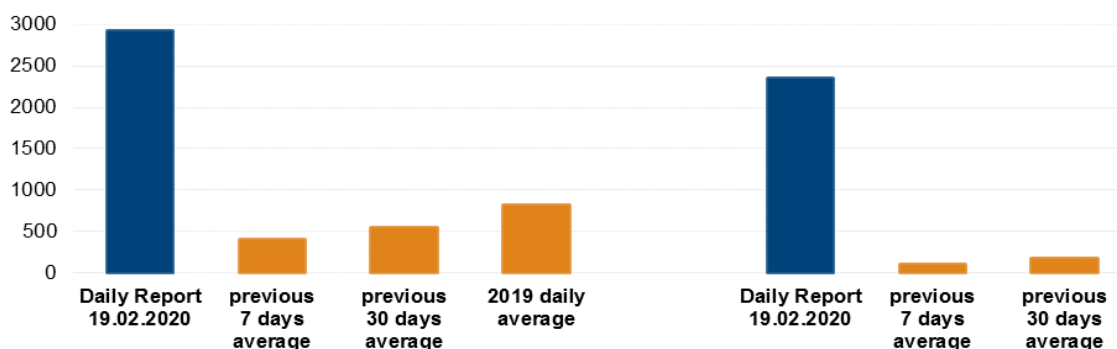
Summary

- The SMM recorded a spike in the number of ceasefire violations in Luhansk region, with the majority (mostly explosions) recorded in areas along the contact line between Popasna, Pervomaisk, Muratove and Krymske, including Zolote, and the disengagement area near it, as well as Hirske.
- It recorded fewer ceasefire violations in Donetsk region, compared with the previous reporting period.
- The SMM observed fresh craters, including some assessed as caused by artillery rounds, and military hardware near government-controlled Orikhove, Luhansk region.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske.
- The SMM facilitated the operation of critical civilian infrastructure and the removal of unexploded ordnance near non-government-controlled Dovhe, Luhansk region.
- The SMM's freedom of movement was restricted again at five checkpoints of the armed formations in southern Donetsk region and close to a border area near non-government-controlled Izvaryne, Luhansk region.*

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



¹ Based on information from the Monitoring Teams as of 19:30, 18 February 2020. All times are in Eastern European Time.

² For a complete breakdown of ceasefire violations, please see the annexed table. The SMM camera near Hnutove was not operational during the reporting period.

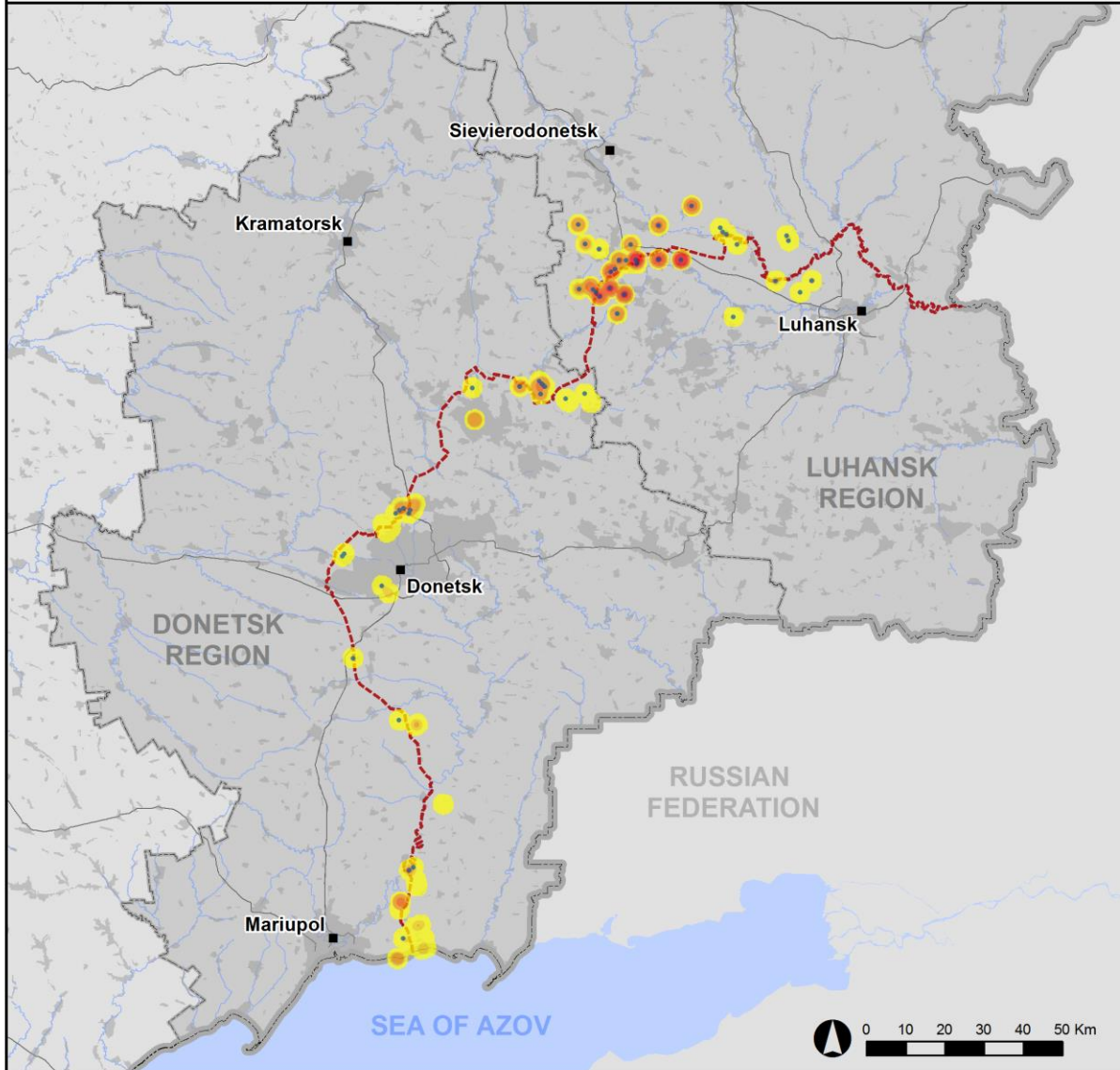
³ Including explosions.

⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

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

Ceasefire violations observed by the SMM 18 February 2020



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: 19/02/2020

In Luhansk region, starting at about 05:30 and continuing for about six hours, the SMM recorded a spike in ceasefire violations (including more than 2,500 explosions), compared with the [previous reporting period](#) (13 explosions). The majority of ceasefire violations, including the majority of explosions (of which about 270 were assessed as artillery rounds), were recorded in areas along the contact line between Popasna (government-controlled, 69km west of Luhansk), Pervomaisk (non-government-controlled, 58km west of Luhansk), Muratove (government-controlled, 51km north-west of Luhansk) and Krymske (government-controlled, 42km north-west of Luhansk), including Zolote (government-controlled, 60km west of Luhansk) and the disengagement area near it, as well as Hirske (government-controlled, 63km west of Luhansk) (see below) (see [SMM Spot Report 1/2020](#)).

In Donetsk region, the SMM recorded fewer ceasefire violations, including, however, a similar number of explosions (about 115), compared with the [previous reporting period](#) (about 105 explosions). The majority of ceasefire violations, including more than half of the explosions, were recorded at southerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk), as well as in areas south-east of Pyschchevyk (government-controlled, 84km south of Donetsk) and south-east of Horlivka (non-government-controlled, 39km north-east of Donetsk).

Fresh craters and military hardware near Orikhove

On 18 February, an SMM long-range unmanned aerial vehicle (UAV) spotted at least 71 fresh craters in an area about 2.5km south-east of Orikhove (government-controlled, 57km north-west of Luhansk) (located in the abovementioned general area where the ceasefire violations were recorded), near positions of the Ukrainian Armed Forces, 11 of which were located near a treeline and at least 60 of which in a nearby field. One of the craters near the treeline was assessed as caused by the impact of a 152mm artillery round, while the remaining craters were assessed as caused by impacts of large calibre ammunition (120mm or larger). In all instances, the Mission could not determine the direction of fire. In the area, the UAV also spotted an armoured combat vehicle (ACV) and a probable infantry fighting vehicle (IFV), both assessed as belonging to the Ukrainian Armed Forces.

The UAV also spotted an armoured reconnaissance vehicle (BRDM-2) south of Orikhove, as well as seven IFVs (BMP variants) south and east of Novotoshivske (government-controlled, 53km west of Luhansk). It also spotted an electronic warfare system (*Bukovel-AD*) with its mast erected in a residential area of Novotoshivske.

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

On 17 February, outside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), about 700m east of the area's north-eastern corner, a long-range unmanned aerial vehicle (UAV) spotted two armoured personnel carriers (including a BTR-3E), assessed as belonging to the Ukrainian Armed Forces. On the same day, an SMM mini-UAV [again](#) spotted an anti-aircraft gun (ZU-23, 23mm) near the Prince Ihor monument, about 1km south-east of the Stanytsia Luhanska bridge (15km north-east of Luhansk), and about 250m further east, it [again](#) spotted a recoilless gun (SPG-9 *Kopye*, 73mm), both of which were assessed as belonging to the armed formations.

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

On 18 February, at the entry-exit checkpoint (EECP) of the Ukrainian Armed Forces north of the Stanytsia Luhanska bridge, the SMM saw personnel from the State Border Guard Service of Ukraine wearing protective gear checking people traveling towards to and from government-controlled areas. On the same day, inside the disengagement area near Stanytsia Luhanska, the SMM observed seven members of the armed formations (wearing armbands with “JCCC” written on them) between the new span of the Stanytsia Luhanska bridge and their checkpoint south of it.

On 15 February, aerial imagery available to the SMM revealed two ACVs south of the checkpoint of the Ukrainian Armed Forces, located about 300m north of the **disengagement area near Zolote**.

On the morning of 17 February, inside the disengagement area near Zolote, an SMM long-range UAV spotted a person in dark clothing walking along a footpath and entering an aboveground structure near a former position of the Ukrainian Armed Forces about 570m south of the area’s northern edge and east of road T-1316. Outside the disengagement area, the same UAV spotted three IFVs (BMP-1) north-east of the aforementioned checkpoint of the Ukrainian Armed Forces. On the evening and morning of 17-18 February, the SMM camera in Zolote recorded 25 undetermined explosions, three projectiles in flight and an illumination flare, all at an assessed range of 2-7km east and assessed as outside the disengagement area near Zolote.

On the morning of 18 February, while positioned on the northern edge of Popasna, in Kadiivka, on the eastern edge of Zolote-2/Karbonit (government-controlled, 62km west of Luhansk) and on the outskirts of Hirske, the SMM recorded about 1,100 explosions (of which 250 were assessed as artillery rounds) and 100 bursts of heavy-machine-gun fire, all assessed as outside the disengagement area near Zolote but within 5km of its periphery (see above).

On the same day, the SMM facilitated and monitored adherence to a localized ceasefire for a possible retrieval of military casualties of the Ukrainian Armed Forces in Luhansk region.

On 18 February, the SMM saw a member of the armed formations (wearing an armband with “JCCC” written on it) near the southern edge of the disengagement area near Zolote.

On 18 February, while positioned about 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk), the SMM recorded five bursts and shots of small-arms fire assessed as originating from a south-easterly direction but was unable to assess them as inside or outside the disengagement area. On the same day, while positioned in Petrivske (non-government-controlled, 41km south of Donetsk), the SMM heard 16 bursts and shots of small-arms fire at an assessed range of 1-2km south-east and south-south-east, assessed as outside the **disengagement area near Petrivske**.

On 17 February, an SMM long-range UAV spotted two IFVs (one BMP-1 and one BMP-2) about 800m north of the area’s north-western edge. The UAV also spotted two IFVs (BMP-2) about 750m and 450m south of the area’s south-western edge, respectively. All the abovementioned IFVs were assessed as belonging to the Ukrainian Armed Forces.

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 SMM saw a weapon in violation of withdrawal lines in a government-controlled area of Luhansk region. It also saw three weapons beyond withdrawal lines but outside designated storage sites in a non-government-controlled area of Luhansk region (for further details, see tables below).

Weapons storage sites

At two permanent storage sites in government-controlled areas of Donetsk region

18 February

The SMM noted that:

- they continued to be abandoned and that 14 mortars (2B11 *Sani*, 120mm) and 13 anti-tank guns (MT-12 *Rapira*, 100mm) continued to be missing.

Weapons that the SMM could not verify as withdrawn⁶

At four heavy weapons holding areas in government-controlled areas of Donetsk region

18 February

The SMM noted that:

- five anti-tank guns (MT-12) and 15 towed howitzers (2A36 *Giatsint-B*, 152mm) were present, and
- sixty-five towed howitzers (45 D-20, 152mm, 12 2A36 and eight D-30 *Lyagushka*, 122mm), 38 self-propelled howitzers (18 2S3 *Akatsiya*, 152mm and 20 2S1 *Gvozdika*, 122mm) and 12 anti-tank guns (D-48, 85mm) continued to be missing.

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

The SMM observed ACVs on both sides of the contact line and an anti-aircraft gun in a non-government-controlled area of Donetsk region (for further details, see the table below).

Situation of civilians at checkpoints along the contact line

On the morning and afternoon of 18 February, the SMM saw that the EECP near Marinka (government-controlled, 23km south-west of Donetsk) and the checkpoint of the armed formations near Kremynets (non-government-controlled, 16km south-west of Donetsk) were closed. Later in the afternoon, the SMM saw 50 cars queueing at the aforementioned checkpoint of the armed formations waiting to travel towards government-controlled areas. The closure was reportedly due to electrical works at the aforementioned EECP (for previous observations in the area, see [SMM Daily Report 15 February 2020](#)).

SMM facilitation of removal of unexploded ordnance and of the operation of critical civilian infrastructure

The Mission continued to facilitate the maintenance and operation of the Donetsk Filtration Station (15km north of Donetsk).

⁶ The SMM visited areas 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. The SMM noted that two such sites continued to be abandoned.

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

The SMM facilitated and monitored adherence to a localized ceasefire to enable the removal of a [previously reported](#) unexploded ordnance (UXO), assessed as an OG-9V round from a recoilless gun (SPG-9, 73mm), near Dovhe (non-government-controlled, 22km north-west of Luhansk). The SMM saw three de-miners from non-government-controlled areas conduct a controlled detonation of the UXO.

Border areas outside government control

On 18 February, while at a border crossing point near Izvaryne (52km south-east of Luhansk), the SMM observed a covered-cargo truck with “LPR” plates entering Ukraine. After about four minutes, members of the armed formations told the SMM to leave the area.*

SMM monitored the security situation in south-east Kherson region

The SMM observed a calm situation at a checkpoint 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, UXO and other impediments – which vary from day to day. The SMM’s mandate provides for safe and secure access throughout Ukraine. All signatories of the Package of Measures have agreed on the need for this safe and secure access, that restriction of the SMM’s freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the Joint Centre for Control and Co-ordination (JCCC) should contribute to such response and co-ordinate mine clearance. Nonetheless, the armed formations in parts of Donetsk and Luhansk regions frequently deny the SMM access to areas adjacent to Ukraine’s border outside control of the Government (for example, see below). 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:

- At a checkpoint north of Zaichenko (non-government-controlled, 93km south of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage towards Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk) and Sakhanka (non-government-controlled, 97km south of Donetsk), citing “orders from superiors”.
- At a checkpoint in Naberezhne (non-government-controlled, 77km south of Donetsk), two armed members of the armed formations denied the SMM passage towards Lukove (non-government-controlled, 72km south of Donetsk) and Tavrycheske (non-government-controlled, 76km south of Donetsk).
- At a checkpoint on the eastern outskirts of Lukove, two armed members of the armed formations denied the SMM passage, citing “engineering activities” in the area.
- At a checkpoint near Sosnivske (non-government-controlled, 78km south of Donetsk), five armed members of the armed formations denied the SMM passage westwards.

- At a checkpoint west of Bezimenne (non-government-controlled, 100km south of Donetsk), an armed member of the armed formations denied the SMM passage towards the settlement, citing “orders from superiors”.
- At a border crossing point in Izvaryne (non-government-controlled, 52km south-east of Luhansk), a member of the armed formations [again](#) told the SMM to leave 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:

- At a checkpoint west of Verkhnochyrokiyske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), a member of the armed formations again allowed the SMM to proceed towards non-government-controlled areas after about 25 minutes of waiting.

Other impediments:

- On 17 February, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over government- and non-government-controlled areas south-east, south and west of Donetsk city (non-government-controlled). The same UAV experienced dual GPS signal interference, assessed as caused by jamming, while flying over areas near Zolote (government-controlled, 60km west of Luhansk), Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk), over non-government-controlled areas east and north-west of Luhansk city, as well as over government- and non-government-controlled areas north, south-east, south and west of Donetsk city.⁸
- On 18 February, an SMM long-range UAV experienced dual GPS signal interference, assessed as caused by jamming, while flying over areas between Novoselivka (government-controlled, 31km north of Donetsk) and Trokhizbenka (government-controlled, 32km north-west of Luhansk).

⁸ The interferences could have originated from anywhere within the radius of kilometres from the UAVs’ position.

Table of weapons

Weapons in violation of the withdrawal lines

Date	No. of weapons	Type of weapons	Location	Source of observation
Government-controlled areas				
18/02/2020	1	Towed mortar (2B9 <i>Vasilek</i> , 82mm)	In Nyzhnoteple (26km north of Luhansk), traveling in a north-westerly direction on road T-1309	Patrol

Weapons beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapons	Location	Source of observation
Non-government-controlled areas				
18/02/2020	3	Towed howitzers (D-30 <i>Lyagushka</i> , 122mm)	In a training area near Myrne (28km south-west of Luhansk)	Patrol

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
16/02/2020	2	Armoured combat vehicles (type undetermined)	Near Bohdanivka (41km south-west of Donetsk)	Aerial imagery
17/02/2020	3	Infantry fighting vehicle (BMP-1)	Near Novozvanivka (70km west of Luhansk)	Long range UAV
	2	Armoured combat vehicles (type undetermined)		
	5	Infantry fighting vehicle (BMP-1)	Near Zolote (60km west of Luhansk)	
	1	Armoured personnel carrier (MT-LB)	Near Novohryhorivka (55km south of Donetsk)	
	1	Armoured personnel carrier (probable MT-LB)	Near Trudivske (47km south of Donetsk)	
	4	Infantry fighting vehicle (BMP-1)	Near Berezove (31km south-west of Donetsk)	
	4	Infantry fighting vehicle (two BMP-2 and two BMP variants)	Near Pyshechyk (84km south of Donetsk)	
1	Armoured personnel carrier (MT-LBu)			
18/02/2020	1	Armoured personnel carrier (BTR-70)	Near Artema (26km north of Luhansk)	Patrol
Non-government-controlled areas				
18/02/2020	2	Infantry fighting vehicle (BMP-2)	In Debaltseve (58km north-east of Donetsk)	Patrol
	1	Anti-aircraft gun (ZU-23, 23mm)		

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 of 18 February 2020¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	1-3km ESE	Recorded	10	Projectile	NNE to SSW (also recorded by the SMM camera at the Donetsk Filtration Station)	N/K	17-Feb, 19:05
	1-3km ESE	Recorded	8	Projectile	NNE to SSW	N/K	17-Feb, 19:05
	1-3km SE	Recorded	1	Projectile	SSW to NNE (also recorded by the SMM camera at the Donetsk Filtration Station)	N/K	18-Feb, 04:05
	1-3km SE	Recorded	4	Explosion	Undetermined	N/K	18-Feb, 04:05
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	1-3km ESE	Recorded	1	Explosion	Undetermined	N/K	17-Feb, 19:23
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	17-Feb, 21:32
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	17-Feb, 22:01
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	17-Feb, 22:02
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	17-Feb, 22:03
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	17-Feb, 22:04
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	17-Feb, 22:06
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	17-Feb, 22:07
	2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	17-Feb, 22:09
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	17-Feb, 22:09
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	17-Feb, 22:11
	2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	17-Feb, 22:11
	2-4km SSE	Recorded	1	Projectile	In vertical flight	N/K	17-Feb, 22:11
	2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	17-Feb, 22:12
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	18-Feb, 00:30
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	18-Feb, 01:03
	SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SE	Recorded	1	Explosion	Impact, subsequent to previous event	N/K
1-3km S		Recorded	3	Explosion	Undetermined	N/K	17-Feb, 19:04
1-3km S		Recorded	2	Explosion	Undetermined	N/K	17-Feb, 19:05
1-3km S		Recorded	10	Projectile	WSW to ENE	N/K	17-Feb, 19:05
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	3-5km E	Recorded	1	Projectile	NNE to SSW	N/K	17-Feb, 21:40
	3-5km ENE	Recorded	1	Projectile	NNE to SSW	N/K	18-Feb, 00:30
	3-5km ENE	Recorded	1	Projectile	NNE to SSW	N/K	18-Feb, 03:17

¹⁰ The table only includes ceasefire violations directly observed by the SMM patrols or recorded by the SMM cameras 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 technical monitoring officers, 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 technical limitations and/or other considerations. Ceasefire violations recorded by more than one patrol/camera and assessed to be the same are entered only once.

SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	4-7km ESE	Recorded	1	Projectile	S to N	N/K	17-Feb, 21:37
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	2	Explosion	Undetermined	N/K	17-Feb, 22:44
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km N	Recorded	4	Projectile	WNW to ESE	N/K	17-Feb, 20:59
	1-2km NE	Recorded	3	Muzzle flash		N/K	17-Feb, 21:41
	2-4km NE	Recorded	1	Projectile	WNW to ESE	N/K	18-Feb, 02:49
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-6km N	Recorded	2	Projectile	SSE to NNW	N/K	17-Feb, 23:33
	3-6km N	Recorded	1	Explosion	Undetermined	N/K	17-Feb, 23:44
	3-6km N	Recorded	2	Muzzle flash		N/K	18-Feb, 00:02
	3-6km NNE	Recorded	1	Projectile	E to W	N/K	18-Feb, 00:09
	3-6km NNE	Recorded	1	Projectile	E to W	N/K	18-Feb, 01:26
	3-6km NNE	Recorded	1	Projectile	E to W	N/K	18-Feb, 01:41
	3-6km N	Recorded	1	Projectile	E to W	N/K	18-Feb, 02:15
	2-4km NNE	Recorded	2	Projectile	E to W	N/K	18-Feb, 18:39
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SSW	Heard	3	Shot		Small arms	18-Feb, 08:45
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	18-Feb, 09:01
	1km SE	Heard	3	Burst		Small arms	18-Feb, 09:30
	1-2km SE	Heard	1	Explosion	Undetermined	N/K	18-Feb, 10:00
	1-2km SE	Heard	1	Explosion	Undetermined	N/K	18-Feb, 10:02
	1km SE	Heard	3	Burst		Small arms	18-Feb, 10:04
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km SW	Heard	2	Burst		Anti-aircraft gun (ZU-23, 23mm)	18-Feb, 09:30
	2-3km SW	Heard	1	Burst		Anti-aircraft gun (ZU-23, 23mm)	18-Feb, 09:34
	2-3km WSW	Heard	19	Burst		HMG	18-Feb, 09:52
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	18-Feb, 10:00
	2-3km WSW	Heard	2	Burst		HMG	18-Feb, 10:04
	2km SW	Heard	3	Shot		Small arms	18-Feb, 10:50-10:51
	1-2km WSW	Heard	2	Shot		Small arms	18-Feb, 12:19
	0.8-1km W	Heard	20	Shots and bursts		Small arms	18-Feb, 12:41
Donetsk city (non-government-controlled, 6km NW of Donetsk)	3-5km S	Heard	11	Burst		Small arms	18-Feb, 13:38-13:43
About 500m S of Dubrivka (non-government-controlled, 7km SW of Donetsk)	W	Heard		Burst	Uncountable, overlapping	HMG	18-Feb, 08:26-08:31
	3-4km W	Heard	7	Explosion	Undetermined	N/K	18-Feb, 08:26-08:31
Staromykhailivka (non-government-controlled, 15km W of Donetsk)	2km NW	Heard	1	Explosion	Undetermined	N/K	18-Feb, 11:18
	2km WNW	Heard	1	Explosion	Undetermined	N/K	18-Feb, 11:38
About 4km NW of Debaltseve (non-government-	2-3km NW	Heard	6	Explosion	Undetermined	N/K	18-Feb, 10:26-10:43
	1-2km NW	Heard	1	Burst		HMG	18-Feb, 10:47

controlled, 58km NE of Donetsk)	0.6-0.7km E	Heard	5	Shot		Small arms	18-Feb, 08:54-08:57
NW edge of Novohryhorivka (non-government-controlled, 61km NE of Donetsk)	2-3km NNW	Heard	2	Explosion	Undetermined	N/K	18-Feb, 09:29-09:30
Petrivske (non-government-controlled, 41km south of Donetsk)	1-2km SE	Heard	9	Burst	Assessed as outside the disengagement area	Small arms	18-Feb, 09:15
	1-2km SSE	Heard	7	Shot	Assessed as outside the disengagement area	Small arms	18-Feb, 10:52
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	N/K SE	Heard	3	Shot	Unable to be assessed if inside or outside the disengagement area	Small arms	18-Feb, 12:00-12:35
	N/K SE	Heard	2	Burst	Unable to be assessed if inside or outside the disengagement area	Small arms	18-Feb, 12:00-12:35
	N/K SSW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 12:50
About 1km N of Zaichenko (non-government-controlled, 93km S of Donetsk)	2-4km S	Heard	3	Burst		HMG	18-Feb, 13:16
	2-4km S	Heard	7	Shot		Small arms	18-Feb, 13:16
	3-5km SSW	Heard	7	Burst		HMG	18-Feb, 13:25
About 2.5km WNW of Bezimenne (non-government-controlled, 100km S of Donetsk)	2-3km NW	Heard	4	Shot		Small arms	18-Feb, 11:38
	1-2km WSW	Heard	3	Shot		Small arms	18-Feb, 11:42
	1-2km WSW	Heard	1	Shot		Small arms	18-Feb, 11:49
	2-3km WSW	Heard	2	Burst		HMG	18-Feb, 11:52-11:54
	2-3km WSW	Heard	5	Shot		Small arms	18-Feb, 11:52-11:54
	2-3km WSW	Heard	3	Shot		Small arms	18-Feb, 11:58
About 2km SW of Pyshchevyk (government-controlled, 84km S of Donetsk)	2-3km SE	Heard	19	Shot		Small arms	18-Feb, 09:30
	2-3km SE	Heard	18	Shot		Small arms	18-Feb, 09:39
	2-3km SE	Heard	13	Shot		Small arms	18-Feb, 10:01
	4km SSE	Heard	2	Burst		HMG	18-Feb, 10:19-10:25
	2-3km SE	Heard	43	Burst		Small arms	18-Feb, 10:19-10:25
About 2km SE of Lebedynske (government-controlled, 99km S of Donetsk)	2-4km SSE	Heard	20	Burst		Small arms	18-Feb, 10:58-11:10
	2-4km SSE	Heard	15	Shot		Small arms	18-Feb, 10:58-11:10
Horlivka (non-government-controlled, 39 km NE of Donetsk)	3-5km SE	Heard	54	Burst		HMG	18-Feb, 11:40-11:59
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SSE	Heard	5	Burst		HMG	17-Feb, 21:08-21:10
	5-6km SSE	Heard	29	Explosion	Undetermined	N/K	17-Feb, 21:11-21:20

	3-4km SSE	Heard	4	Burst		HMG	17-Feb, 21:23
	5-6km SSE	Heard	3	Explosion	Undetermined	N/K	17-Feb, 21:25-21:26
	3-4km SSE	Heard	3	Burst		HMG	17-Feb, 21:40
	3-4km SSE	Heard	4	Burst		HMG	17-Feb, 21:57
	5-6km SSE	Heard	3	Explosion	Undetermined	N/K	17-Feb, 21:58
	3-4km SE	Heard	4	Burst		HMG	17-Feb, 22:02
	4km SE	Heard	1	Explosion	Undetermined	N/K	17-Feb, 22:02
	4-5km SE	Heard	1	Explosion		HMG	17-Feb, 22:05
	3-4km SE	Heard	4	Burst		HMG	17-Feb, 22:07
	3-4km SSE	Heard	5	Burst		HMG	17-Feb, 22:10
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	17-Feb, 22:10
	3-4km SSE	Heard	15	Burst		HMG	17-Feb, 22:13
	3-4km SE	Heard	10	Burst		HMG	17-Feb, 22:15
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	17-Feb, 22:15
	3-4km SSE	Heard	7	Burst		HMG	17-Feb, 22:21
	2-3km SE	Heard	5	Burst		HMG	17-Feb, 22:23
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	17-Feb, 22:23
	3-4km SSE	Heard	5	Burst		HMG	17-Feb, 22:25
	3-4km SE	Heard	5	Explosion	Undetermined	N/K	17-Feb, 22:29
	3-4km SE	Heard	3	Explosion	Undetermined	N/K	17-Feb, 22:34
	3-4km SE	Heard	5	Explosion	Undetermined	N/K	17-Feb, 22:35
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	17-Feb, 22:44
	3-4km SE	Heard	10	Burst		HMG	17-Feb, 23:07
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	17-Feb, 23:20
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	17-Feb, 23:38
	4-5km SW	Heard	14	Explosion	Undetermined	N/K	18-Feb, 15:10-15:16
	4-5km SW	Heard	15	Burst		HMG	18-Feb, 15:10-15:16
	4-5km SW	Heard	4	Burst		HMG	18-Feb, 15:18-15:20
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	18-Feb, 15:35
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km WSW	Recorded	1	Explosion	Undetermined	N/K	17-Feb, 21:13
	2-4km SW	Recorded	1	Projectile	NE to SW	N/K	17-Feb, 23:40
	2-4km SW	Recorded	1	Explosion	Impact	N/K	17-Feb, 23:40
	2-4km SSW	Recorded	3	Projectile	ESE to WNW	N/K	18-Feb, 05:37
	2-4km SSW	Recorded	4	Projectile	ESE to WNW	N/K	18-Feb, 05:38
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	18-Feb, 05:40
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	2	Projectile	Undetermined (assessed as outside the disengagement area)	N/K	17-Feb, 19:14
	3-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	18-Feb, 05:40
	5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 05:42
	5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 05:42
	5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 05:44

5-7km E	Recorded	3	Explosion	Airburst (assessed as outside the disengagement area)	N/K	18-Feb, 05:48
5-7km E	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 05:48
5-7km E	Recorded	1	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	18-Feb, 05:48
5-7km E	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 05:49
5-7km E	Recorded	1	Explosion	Airburst (assessed as outside the disengagement area)	N/K	18-Feb, 05:51
5-7km E	Recorded	1	Explosion	Airburst (assessed as outside the disengagement area)	N/K	18-Feb, 05:52
5-7km E	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 05:54
5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 05:57
5-7km E	Recorded	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 05:58
5-7km E	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 05:59
5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 06:00
5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 06:04
4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Feb, 18:26
4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Feb, 18:32
4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Feb, 18:33
4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Feb, 18:34
4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Feb, 18:35

	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Feb, 18:37
	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Feb, 18:38
	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Feb, 18:39
N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km SE	Heard	1	Explosion	Undetermined	N/K	17-Feb, 20:23
	4-6km SE	Heard	1	Burst		Small arms	17-Feb, 20:58
	10-15km ESE	Heard	192	Explosion	Undetermined (assessed as outside the disengagement area)	Artillery (type N/K)	18-Feb, 05:35-06:42
	10-15km ESE	Heard	75	Explosion	Undetermined (assessed as outside the disengagement area)	Artillery (type N/K)	18-Feb, 07:10-07:27
	3-5km SE	Heard	100	Burst	Assessed as outside the disengagement area	HMG	18-Feb, 07:35-07:55
	5-7km SE	Heard	55	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 07:35-07:55
	3-4km S	Heard	22	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 07:35-07:55
	5-10km SE	Heard	220	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 08:00-09:00
	7-10km ESE	Heard	270	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 09:01-09:55
	Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	14-16km NNW	Heard	527	Explosion	Outgoing and impact (assessed as outside the disengagement area)	N/K
14-16km NNE		Heard	567	Explosion	Outgoing and impact	N/K	18-Feb, 05:35-08:30
13-15km N		Heard	77	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 08:45-09:30
10-11km W		Heard	45	Explosion	Undetermined	N/K	18-Feb, 08:45-09:30
13-15km N		Heard	74	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 09:30-10:15
10-11km W		Heard	7	Explosion	Undetermined	N/K	18-Feb, 09:30-10:15
13-15km N		Heard	92	Explosion	Undetermined (assessed as outside the	N/K	18-Feb, 10:15-11:04

					disengagement area)		
	10-11km W	Heard	5	Explosion	Undetermined	N/K	18-Feb, 10:15-11:04
	13-15km N	Heard	5	Explosion	Undetermined	N/K	18-Feb, 11:05-11:35
N edge of Dovhe (non-government-controlled, 22km NW of Luhansk)	25-30km NW	Heard	129	Explosion	Undetermined	N/K	18-Feb, 08:30-10:05
	10-15km SW	Heard	5	Explosion	Undetermined	N/K	18-Feb, 11:00-11:10
E edge of Zolote-2/Karbonit (government-controlled, 62km NW of Luhansk)	3-5km SE	Heard	15	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 08:31-08:44
	4-4.5km S	Heard	22	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 08:31-08:44
	3-5km W	Heard	8	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Feb, 08:31-08:44
SW edge of Hirske (government-controlled, 63km W of Luhansk)	5-6km S	Heard	200	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	18-Feb, 08:31-08:44
	5-8km W	Heard	24	Explosion	Undetermined	N/K	18-Feb, 08:31-08:44
	4-6km E	Heard	50	Explosion	Undetermined	N/K	18-Feb, 08:55-09:22
NE edge of Hirske (government-controlled, 63km W of Luhansk)	8-12km E	Heard	85	Explosion	Undetermined	N/K	18-Feb, 09:30-10:15
	8-10km S	Heard	69	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	18-Feb, 09:30-10:15
	9-12km W	Heard	48	Explosion	Undetermined	N/K	18-Feb, 09:30-10:15
Obozne (non-government-controlled, 18km N of Luhansk)	15-20km SW	Heard	6	Explosion	Undetermined	Artillery (type N/K)	18-Feb, 09:50-10:05
Raihorodka (government-controlled, 34km NW of Luhansk)	10km SSE	Heard	5	Explosion	Undetermined	N/K	18-Feb, 10:42-10:55
	7-10km SSE	Heard	5	Explosion	Undetermined	N/K	18-Feb, 11:30-11:37
Trokhizbenka (government-controlled, 32km NW of Luhansk)	3-5km SW	Heard	6	Explosion	Undetermined	N/K	18-Feb, 11:24-11:30
NE edge of Staryi Aidar (government-controlled, 20km NW of Luhansk)	10-15km SW	Heard	10	Explosion	Outgoing	Artillery (type N/K)	18-Feb, 11:37-11:50

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).