



Daily Report 122/2020

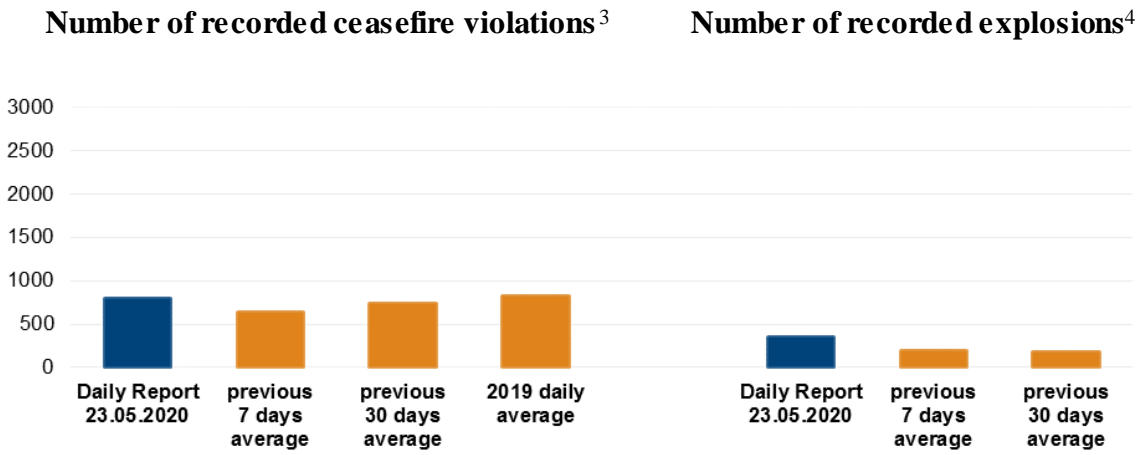
23 May 2020¹

Summary

- Compared with the previous reporting period, the Mission recorded more ceasefire violations in both Donetsk and Luhansk regions.
- Small-arms fire was assessed as directed at SMM mini-UAVs near Petrivske and Vesela Hora, where bullets also flew over SMM members.
- The SMM followed up on reports of a man injured due to shelling in Shyroka Balka on 9 April, Donetsk region.
- Members of the armed formations continued to deny the Mission passage at checkpoints along official crossing routes in Donetsk and Luhansk regions.*
- The SMM saw craters, assessed as recent, near residential houses in Staromykhailivka, Donetsk region.
- It continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations inside the disengagement area near Petrivske and spotted during evening hours a person at a former position of the Ukrainian Armed Forces inside the disengagement area near Zolote.
- It saw mines, including some for the first time, near Maiorsk and Petrivske and in Zaitseve, Holmivskyi, and Staromykhailivka.
- The Mission continued following up on measures taken amid the COVID-19 outbreak, including at entry-exit checkpoints and their corresponding checkpoints in Donetsk and Luhansk regions.
- The SMM's freedom of movement continued to be restricted.*

¹ Based on information from the Monitoring Teams as of 19:30, 22 May 2020. All times are in Eastern European Summer Time.

Ceasefire violations²



² For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM camera in Petrivske was not operational.

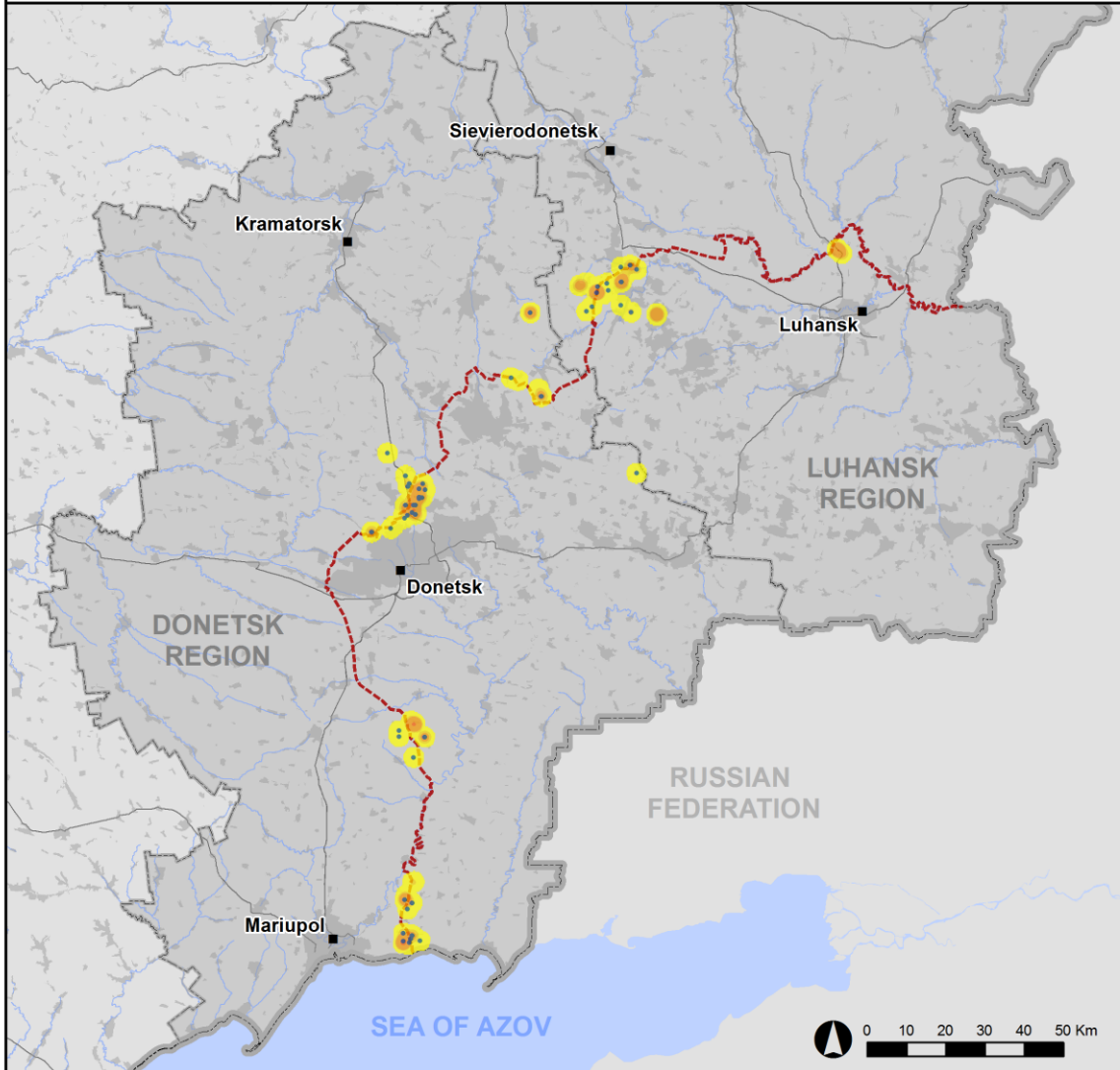
³ Including explosions.

⁴ Including from unidentified weapons.

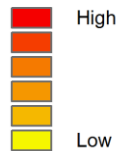
Map of recorded ceasefire violations

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

Ceasefire violations observed by the SMM 22 May 2020



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.

© OSCE SMM 2019 Use, copy, reproduction, transmission, broadcasting, sale, license, or exploitation not permitted without OSCE prior written authorization.

Created: 23/05/2020

In Donetsk region, the SMM recorded more ceasefire violations, including more explosions (about 220), compared with the [previous reporting period](#) (about 65 explosions). The majority of ceasefire violations were recorded in areas north and north-east of Shyrokyne (government-controlled, 100km south of Donetsk), at northerly and westerly directions of Yasynuvata (non-government-controlled, 16km north-east of Donetsk), and in areas south-east of the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk) (see below).

In Luhansk region, the SMM recorded more ceasefire violations, including more explosions (about 125), compared with the [previous reporting period](#) (about 50 explosions). The majority of ceasefire violations were recorded in areas east and north-east of Vesela Hora (non-government-controlled, 16km north of Luhansk), south-west of Pervomaisk (non-government-controlled, 58km west of Luhansk), and close to the disengagement area near Zolote (government-controlled, 60km west of Luhansk), including about 40 explosions near the area's southern edge (see below).

Small-arms fire assessed as directed at SMM UAVs near Vesela Hora and Petrivske

On 22 May, while conducting a mini-unmanned aerial vehicle (UAV) flight over areas near Vesela Hora (non-government-controlled, 16km north of Luhansk), the SMM heard 50 shots of small-arms fire at an assessed distance of about 2km north-west, assessed as aimed at the UAV, which was flying about 2km north-west of the patrol's position. Shortly thereafter, while in the process of landing the UAV, the SMM heard an additional 20 shots of small-arms fire, passing about 10m overhead, assessed as originating at a distance of about 300m north-north-west. The patrol immediately left the area without retrieving the UAV, which was still flying at an assessed distance of about 300m west-south-west (see [SMM Spot Report 26/2020](#)).*

On the same day, while conducting a mini-UAV flight over areas near the disengagement area near Petrivske, the SMM heard about 40 bursts of small-arms fire at an assessed distance of about 1.5km south-west and four shots of small arms-fire at an assessed distance of 1.5km south, all assessed as aimed at the UAV, which was flying about 1km south-south-west. The SMM safely landed the UAV and left the area.*

Man injured due to shelling in Shyroka Balka on 9 April

The SMM followed up on reports of a man injured due to shelling in Shyroka Balka (non-government-controlled, 34km north-east of Donetsk) on 9 April. On 29 April, the man (59 years old) told the SMM that he had been outside of a family house in Shyroka Balka on the afternoon of 9 April with his father and his nephew's fiancée (25 years old) when they had all heard an explosion and ran for cover inside of the house. Shortly thereafter, he said that he saw and heard a projectile strike the summer kitchen outside, and that shrapnel from the explosion entered the house, striking himself and his nephew's fiancée. He added that his father transported him to hospital no. 2 in Horlivka (non-government-controlled, 39km north-east of Donetsk). On 22 May, the man shared his hospital-issued medical certificate with the SMM, which states that he had suffered shrapnel injuries to the left side of his chest, spine, neck, ear, and shoulder, as well as a broken left shoulder blade, all due to shelling.

The SMM previously reported on the nephew's fiancée, who died due to injuries sustained from shelling in the same incident (see [SMM Daily Report of 20 April 2020](#)).

Craters near residential houses in Staromykhailivka

On 20 May, an SMM mini-UAV spotted two craters in a cultivated field, about 20m south-west of a residential house in Staromykhailivka (non-government-controlled, 15km west of Donetsk), assessed as recent. About 200m south-east of the aforementioned craters, the UAV also spotted another crater in the yard of another residential house, assessed as recent, as well as visible shrapnel damage on the outer wall of an outhouse in the yard and shrapnel damage to vegetation and a nearby fence, which was unable to be assessed if recent. About 50m further east, the same UAV spotted an additional crater in a playground. The SMM assessed the damage as caused by impacts of mortar rounds.

Members of the armed formations continued to deny the SMM passage at checkpoints along the contact line in Donetsk and Luhansk regions

Members of the armed formations continued to deny the SMM passage at checkpoints in both Donetsk and Luhansk regions along official crossing routes. These restrictions constitute an impediment to the implementation of the Mission's mandate.⁵

In Donetsk region, on two occasions at a checkpoint near Olenivka (non-government-controlled, 23km south-west of Donetsk), members of the armed formations denied the SMM passage – the first time towards government-controlled areas, stating that the SMM did not have permission to pass, and the second time towards non-government-controlled areas, referring to quarantine restrictions due to the COVID-19 outbreak. At a checkpoint near Oleksandrivka (non-government-controlled, 20km south-west of Donetsk), a member of the armed formations denied the SMM passage towards non-government-controlled areas, referring to quarantine restrictions due to the COVID-19 outbreak (see [SMM Spot Report 25/2020](#)).*

In Luhansk region, at a checkpoint south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), a member of the armed formations again denied the SMM passage towards government-controlled areas (see [SMM Spot Report 25/2020](#)).*

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁶

On 21 May, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM saw two 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 the evening of 21 May, inside the **disengagement area near Zolote**, an SMM long-range UAV spotted a person in a trench within a former position of the Ukrainian Armed Forces, about 80m south of the area's northern edge and about 500m west of its eastern edge.

On the night of 21-22 May, the SMM camera in Zolote recorded about 40 undetermined explosions at an assessed range of 4-6km south-south-east, as well as about ten projectiles in flight at an assessed range of 3-5km south-east, all of which were unable to be assessed if

⁵ The Mission began facing repeated denials when attempting to cross into non-government-controlled areas at checkpoints of the armed formations in Donetsk region on 21 March and Luhansk region on 23 March. For more information, see SMM Daily and Spot Reports.

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

inside or outside of the disengagement area. It also recorded an undetermined explosion at an assessed range of 1-3km east-south-east, assessed as outside the disengagement area but within 5km of its periphery.

On the night of 21-22 May, the SMM camera 2km east of Bohdanivka (government-controlled, 41km south of Donetsk) recorded about 20 projectiles in flight at an assessed range of 2-5km east and east-south-east, all assessed as inside the **disengagement area near Petrivske**. The camera also recorded five projectile at an assessed range of 3-5km east-south-east, which were unable to be assessed if inside or outside of the disengagement area.

During the day on 22 May, while positioned at three locations close to the disengagement area, the SMM heard about 20 undetermined explosions, heard and saw an explosion assessed as an airburst, and about 50 shots and bursts of small-arms fire, all assessed as outside the disengagement area but within 5km of its periphery.

Also on the same day, about 500m north of Petrivske, outside the disengagement area, the SMM [again](#) saw two anti-personnel mines (MON-200) about 15-20m east of a road leading towards Styla (non-government-controlled, 34km south of Donetsk).

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.

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

The SMM observed armoured combat vehicles in the security zone in government-controlled areas of Donetsk and Luhansk regions, including some in residential areas, and probable armoured combat vehicles in a non-government-controlled area of Luhansk region (for further details, see the table below).

On 20 May, about 2km east of Maiorsk (government-controlled, 45km north-east of Donetsk), on a road leading towards Zaitseve (50km north-east of Donetsk), an SMM mini-UAV spotted for the first time a checkpoint with a bunker on the northern side of the road, as well as a 10m-long trench on the southern side of the road, assessed as belonging to the Ukrainian Armed Forces.

Mines near Maiorsk and in Zaitseve, Holmivskiyi and Staromykhailivka

On 20 May, about 3km east of Maiorsk, on a road leading towards Zaitseve, an SMM mini-UAV spotted for the first time 16 anti-tank mines laid across the road. About 80m further east on the same road, the UAV spotted for the first time five anti-tank mines. All of the mines were assessed as belonging to the Ukrainian Armed Forces.

On the same day, about 1.5km south-east of Maiorsk, in a field north-east of road T-0513 leading towards Horlivka (non-government-controlled, 39km north-east of Donetsk), the same UAV spotted five of 47 [previously observed](#) anti-tank mines. About 450m further south-east, the UAV spotted for the first time at least 300 anti-tank mines in a field north-

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

east of road T-0513. All of the mines were assessed as belonging to the Ukrainian Armed Forces.

On 21 May, an SMM long-range UAV [again](#) spotted ten probable anti-tank mines on the northern edge of Holmivskiyi (non-government-controlled, 49km north-east of Donetsk) on a road leading towards Travneve (government-controlled, 51km north-east of Donetsk), assessed as belonging to the armed formations.

On the same day, on the western edge of Staromykhailivka, an SMM mid-range UAV [again](#) spotted 24 anti-tank mines on the road leading towards Krasnohorivka (government-controlled, 21km west of Donetsk), assessed as belonging to the armed formations.

SMM facilitation of repairs to and operation of critical civilian infrastructure

On 22 May, from 15:00 to 18:50, the SMM monitored ad hoc repair works in both government and non-government-controlled areas in order to enable repair works to power transmission lines near Berezivske (non-government-controlled, 53km north-west of Luhansk). The SMM monitored the repair works from areas in and near Zolote, Pervomaisk, and Orikhove (government-controlled, 57km north-west of Luhansk).

The SMM continued to facilitate the operation of the Donetsk Filtration Station (DFS) (15km north of Donetsk). While positioned at five locations near the DFS, the Mission recorded about 80 undetermined explosions and three explosions assessed as impacts, as well as bursts and shots of small-arms fire, all assessed as within a 5km radius of the DFS (see table of ceasefire violations below).

Measures taken at entry-exit checkpoints and corresponding checkpoints amid COVID-19 outbreak

In Donetsk region, the SMM noted that the entry-exit checkpoint (EECP) near Novotroitske (government-controlled, 36km south-west of Donetsk) and checkpoints of the armed formations near Olenivka and Oleksandrivka remained closed.*

In Luhansk region, the SMM saw that the EECP in Stanytsia Luhanska and its corresponding checkpoint of the armed formations south of the Stanytsia Luhanska bridge remained closed.*

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 and 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 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, [SMM Daily Report 19 May 2020](#)). 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 near Olenivka, on one occasion, a member of the armed formations [again](#) denied the SMM passage towards government-controlled areas, stating that the SMM did not have permission to pass, and, on another occasion, denied the SMM passage towards non-government-controlled areas, referring to quarantine restrictions due to COVID-19.
- At a checkpoint near Oleksandrivka (non-government-controlled, 20km south-west of Donetsk), a member of the armed formations [again](#) denied the SMM passage towards non-government-controlled areas, referring to quarantine restrictions due to the COVID-19 outbreak.
- At a checkpoint south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), a member of the armed formations [again](#) denied the SMM passage towards government-controlled areas.

Regular restrictions related to disengagement areas and mines/UXO:

- The sides continued to deny the SMM full access, as well as the ability to travel certain roads previously identified as important for effective monitoring by the Mission and for civilians' movement, through failure to conduct comprehensive clearance of mines, UXO and other obstacles.

Other impediments:

- On 21 May and SMM long-range UAV experienced GPS signal interference, assessed as probable jamming, while flying areas between Stepanivka (54km north of Donetsk) and Zaitseve (50km north-east of Donetsk) and between Molodizhne (non-government-controlled, 63km west of Luhansk) and Holubivske (non-government-controlled, 51km west of Luhansk).⁸
- On 22 May, on two occasions, an SMM mini-UAV experienced signal interference, assessed as caused by probable jamming, while flying over areas near Horlivka (non-government-controlled, 39km north-east of Donetsk).
- On the same day, an SMM mini-UAV experienced signal interference, assessed as caused by probable jamming, while flying over areas near Petrivske (non-government-controlled, 41km south of Donetsk).
- On the same day, while conducting a mini-UAV flight near Vesela Hora (non-government-controlled, 16km north of Luhansk), the SMM heard shots of small-arms fire, assessed as aimed at the UAV (see above).
- On the same day, while conducting a mini-UAV flight near Petrivske (non-government-controlled, 41km south of Donetsk), the SMM heard bursts of small-arms fire, assessed as aimed at the UAV (see above).

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

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
20/05/2020	1	Infantry fighting vehicle (BMP-1)	Near Maiorsk (45km north-east of Donetsk)	Mini-UAV
21/05/2020	8	Armoured combat vehicles (including four probable infantry fighting vehicles and a probable armoured reconnaissance vehicle (BRDM-2))	In a residential area of Bila Hora (54km north of Donetsk)	Long-range UAV
	1	Probable armoured combat vehicle	Near Novozvanivka (70km west of Luhansk)	
	2	Armoured combat vehicle (type undetermined)	In a residential area of Pobeda (27km west of Donetsk)	
	4	Armoured combat vehicle (including three probable armoured reconnaissance vehicles BRDM-2)	In a residential area of Druzhba (45km north-east of Donetsk)	
Non-government-controlled areas				
21/05/2020	2	Probable armoured combat vehicle	Near Veselohorivka (64km west of Luhansk)	Long-range UAV

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 22 May 2020¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	5-7km ESE	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:36
	5-7km ESE	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:37
	5-7km ESE	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:38
	3-5km ESE	Recorded	1	Projectile	SSW to NNE	N/K	21-May, 21:39
	5-7km ESE	Recorded	2	Explosion	Undetermined	N/K	21-May, 21:57
	5-7km ESE	Recorded	4	Explosion	Undetermined	N/K	21-May, 21:58
	4-6km ESE	Recorded	2	Explosion	Undetermined	N/K	21-May, 21:58
	5-7km ESE	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:59
	5-7km ESE	Recorded	1	Explosion	Undetermined	N/K	21-May, 22:00
	5-7km ESE	Recorded	1	Explosion	Undetermined	N/K	21-May, 22:19
	5-7km ESE	Recorded	4	Explosion	Undetermined	N/K	21-May, 23:13
	5-7km ESE	Recorded	3	Explosion	Undetermined	N/K	21-May, 23:14
	5-7km ESE	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:12
	5-7km ESE	Recorded	2	Explosion	Undetermined	N/K	22-May, 00:13
	2-4km ESE	Recorded	8	Projectile	NNE to SSW	N/K	22-May, 00:37
	3-4km SE	Recorded	1	Projectile	NNE to SSW	N/K	22-May, 02:13
3-4km SE	Recorded	3	Projectile	SSW to NNE	N/K	22-May, 02:13	
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	3-5km ESE	Recorded	1	Projectile	NNE to SSW (unable to be assessed inside or outside the disengagement area near Petrivske)	N/K	21-May, 22:05
	2-4km E	Recorded	5	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	21-May, 23:42
	3-5km ESE	Recorded	4	Projectile	NNE to SSW (unable to be assessed inside or outside the disengagement area near Petrivske)	N/K	22-May, 00:20
	2-4km E	Recorded	3	Projectile	In vertical flight (assessed as inside the disengagement area near Petrivske)	N/K	22-May, 00:34
	2-4km E	Recorded	4	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	22-May, 00:35
	2-4km ESE	Recorded	1	Projectile	NNE to SSW (assessed as inside the	N/K	22-May, 00:59

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.

					disengagement area near Petrivske)		
	2-4km ESE	Recorded	1	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	22-May, 01:00
	2-4km ESE	Recorded	7	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	22-May, 03:48
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSW	Recorded	1	Projectile	SSE to NNW	N/K	22-May, 01:00
	1-3km SSW	Recorded	2	Projectile	NNW to SSE	N/K	22-May, 01:01
	2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	21-May, 21:42
	2-4km ESE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	21-May, 21:42
	2-4km ESE	Recorded	14	Projectile	In a vertical flight	N/K	21-May, 21:51
	2-4km ESE	Recorded	12	Projectile	In a vertical flight	N/K	21-May, 21:52
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km E	Recorded	4	Projectile	SSW to NNE	N/K	21-May, 22:58
	2-4km E	Recorded	1	Projectile	SSW to NNE	N/K	21-May, 22:59
	2-4km E	Recorded	1	Projectile	NNE to SSW	N/K	21-May, 22:59
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	21-May, 23:21
	4-6km SE	Recorded	1	Explosion	Undetermined	N/K	21-May, 23:38
	4-6km SE	Recorded	1	Explosion	Undetermined	N/K	21-May, 23:41
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:08
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:13
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:35
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:38
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:43
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:46
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:47
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	2-4km ENE	Recorded	3	Projectile	N to S	N/K	21-May, 21:31
	2-5km ENE	Recorded	3	Projectile	N to S	N/K	21-May, 22:37
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	21-May, 23:45
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km WNW	Recorded	1	Explosion	Undetermined	N/K	22-May, 03:15
	2-4km WNW	Recorded	2	Explosion	Undetermined	N/K	22-May, 03:18
	2-4km WNW	Recorded	1	Explosion	Undetermined	N/K	22-May, 03:20
	2-4km WNW	Recorded	2	Explosion	Undetermined	N/K	22-May, 03:23
	2-4km WNW	Recorded	1	Explosion	Undetermined	N/K	22-May, 03:25
	2-4km WNW	Recorded	5	Explosion	Undetermined	N/K	22-May, 03:27
	2-4km WNW	Recorded	3	Explosion	Undetermined	N/K	22-May, 03:28
	2-4km WNW	Recorded	2	Explosion	Undetermined	N/K	22-May, 03:29
	3-5km NE	Recorded	2	Projectile	W to E	N/K	21-May, 21:19
	2-4km NE	Recorded	1	Projectile	WSW to ENE	N/K	22-May, 02:06
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	22-May, 03:45
SMM camera 1km SW of Shyrokyne (government-	5-7km NE	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:38
	5-7km N	Recorded	4	Projectile	W to E	N/K	21-May, 21:38
	5-7km N	Recorded	3	Projectile	W to E	N/K	21-May, 21:39
	5-7km N	Recorded	2	Projectile	S to N	N/K	21-May, 21:50

controlled, 100km S of Donetsk)	2-5km N	Recorded	6	Projectile	In a vertical flight	N/K	21-May, 21:51	
	2-5km N	Recorded	21	Projectile	In vertical flight	N/K	21-May, 21:54	
	5-7km NNE	Recorded	3	Explosion	Undetermined	N/K	21-May, 21:58	
	5-7km NNE	Recorded	1	Projectile	E to W	N/K	21-May, 21:58	
	5-7km N	Recorded	1	Projectile	E to W	N/K	21-May, 21:58	
	5-7km NNE	Recorded	1	Muzzle flash		N/K	21-May, 21:59	
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:59	
	2-5km N	Recorded	2	Projectile	W to E	N/K	21-May, 22:02	
	2-5km N	Recorded	2	Projectile	E to W	N/K	21-May, 22:33	
	5-7km NNE	Recorded	3	Explosion	Undetermined	N/K	21-May, 23:10	
	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	21-May, 23:13	
	5-7km NNE	Recorded	5	Explosion	Undetermined	N/K	21-May, 23:14	
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	21-May, 23:27	
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	21-May, 23:30	
	3-5km N	Recorded	9	Projectile	E to W	N/K	22-May, 00:12	
	3-5km N	Recorded	1	Projectile	E to W	N/K	22-May, 00:12	
	3-5km NNE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	22-May, 00:12	
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:12	
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:13	
	2-5km NNE	Recorded	1	Projectile	E to W	N/K	22-May, 00:14	
	2-5km N	Recorded	1	Projectile	In vertical flight	N/K	22-May, 00:19	
	2-5km N	Recorded	6	Projectile	E to W	N/K	22-May, 01:02	
	3-5km N	Recorded	1	Projectile	E to W	N/K	22-May, 01:03	
	3-5km N	Recorded	1	Projectile	E to W	N/K	22-May, 01:06	
	3-5km N	Recorded	4	Projectile	E to W	N/K	22-May, 01:08	
	3-5km N	Recorded	2	Projectile	E to W	N/K	22-May, 01:09	
	3-5km N	Recorded	4	Projectile	E to W	N/K	22-May, 01:10	
	3-5km N	Recorded	7	Projectile	W to E	N/K	22-May, 01:10	
	3-5km N	Recorded	2	Projectile	W to E	N/K	22-May, 01:11	
	2-6km N	Recorded	2	Explosion	Undetermined	N/K	22-May, 01:45	
	SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km SSE	Recorded	2	Explosion	Undetermined	N/K	21-May, 21:59
		3-5km SSE	Recorded	6	Projectile	W to E	N/K	21-May, 22:06
5-7km SSE		Recorded	2	Explosion	Undetermined	N/K	21-May, 22:57	
5-7km SSE		Recorded	1	Explosion	Undetermined	N/K	21-May, 22:58	
5-7km SSE		Recorded	4	Explosion	Undetermined	N/K	21-May, 23:10	
5-7km SSE		Recorded	1	Explosion	Undetermined	N/K	21-May, 23:11	
5-7km SSE		Recorded	7	Explosion	Undetermined	N/K	21-May, 23:14	
5-7km SSE		Recorded	1	Explosion	Undetermined	N/K	21-May, 23:27	
3-5km WSW		Recorded	2	Projectile	N to S	N/K	22-May, 00:05	
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km SW	Heard	9	Shot		Small arms	22-May, 09:33-09:36	
	2km SW	Heard	4	Burst		Small arms	22-May, 09:44	
	3-5km N	Heard	22	Explosion	Undetermined	N/K	22-May, 10:13-10:21	
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	22-May, 10:27	
	3-5km NNE	Heard	4	Explosion	Undetermined	N/K	22-May, 10:59-11:03	
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	22-May, 11:08	
	2km SW	Heard	6	Shot		Small arms	22-May, 11:24	
	2km SW	Heard	10	Burst		Small arms	22-May, 11:24	
	2km N	Heard	20	Shot		Small arms	22-May, 11:33-11:37	
	2km N	Heard	5	Shot		Small arms	22-May, 11:40	

	2km SW	Heard	3	Shot		Small arms	22-May, 11:50
	1-2km N	Heard	2	Explosion	Undetermined	N/K	22-May, 11:52-11:57
	2-3km NW	Heard	12	Shot		Small arms	22-May, 14:43-14:50
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km N	Heard	2	Explosion	Undetermined	N/K	22-May, 12:21-12:32
	2-3km N	Heard	1	Explosion	Undetermined	N/K	22-May, 13:07
	2-3km N	Heard	1	Explosion	Undetermined	N/K	22-May, 13:24
	2-3km N	Heard	1	Explosion	Undetermined	N/K	22-May, 13:30
	2km SW	Heard	1	Burst		Small arms	22-May, 13:38
	2-3km N	Heard	2	Explosion	Undetermined	N/K	22-May, 13:49-13:54
About 1.5km WNW of Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km NW	Heard	1	Explosion	Undetermined	N/K	22-May, 14:12
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	22-May, 14:23
About 300m NNE Nikishyne (non-government-controlled, 60km north-east of Donetsk)	5-7km SE	Heard	5	Explosion	Undetermined	N/K	22-May, 10:20-10:25
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	5-7km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-May, 10:45
	5-7km SSE	Heard	19	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-May, 11:05-11:19
About 1km N of Petrivske (non-government-controlled, 41km S of Donetsk)	1.5km S	Heard	4	Shot	Out going (assessed as outside the disengagement area)	Small arms	22-May, 13:30-13:35
	1.5km SW	Heard	43	Burst	Out going (assessed as outside the disengagement area)	Small arms	22-May, 13:30-13:35
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-3km S	Heard and saw	1	Explosion	Airburst (assessed as outside the disengagement area)	N/K	22-May, 08:59
	3-5km S	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	22-May, 09:51
	10km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	22-May, 10:08
About 500m NE of Kamianka	4-5km E	Heard	8	Explosion	Undetermined	N/K	22-May, 10:19
	2km N	Heard	2	Explosion	Undetermined	N/K	22-May, 10:42

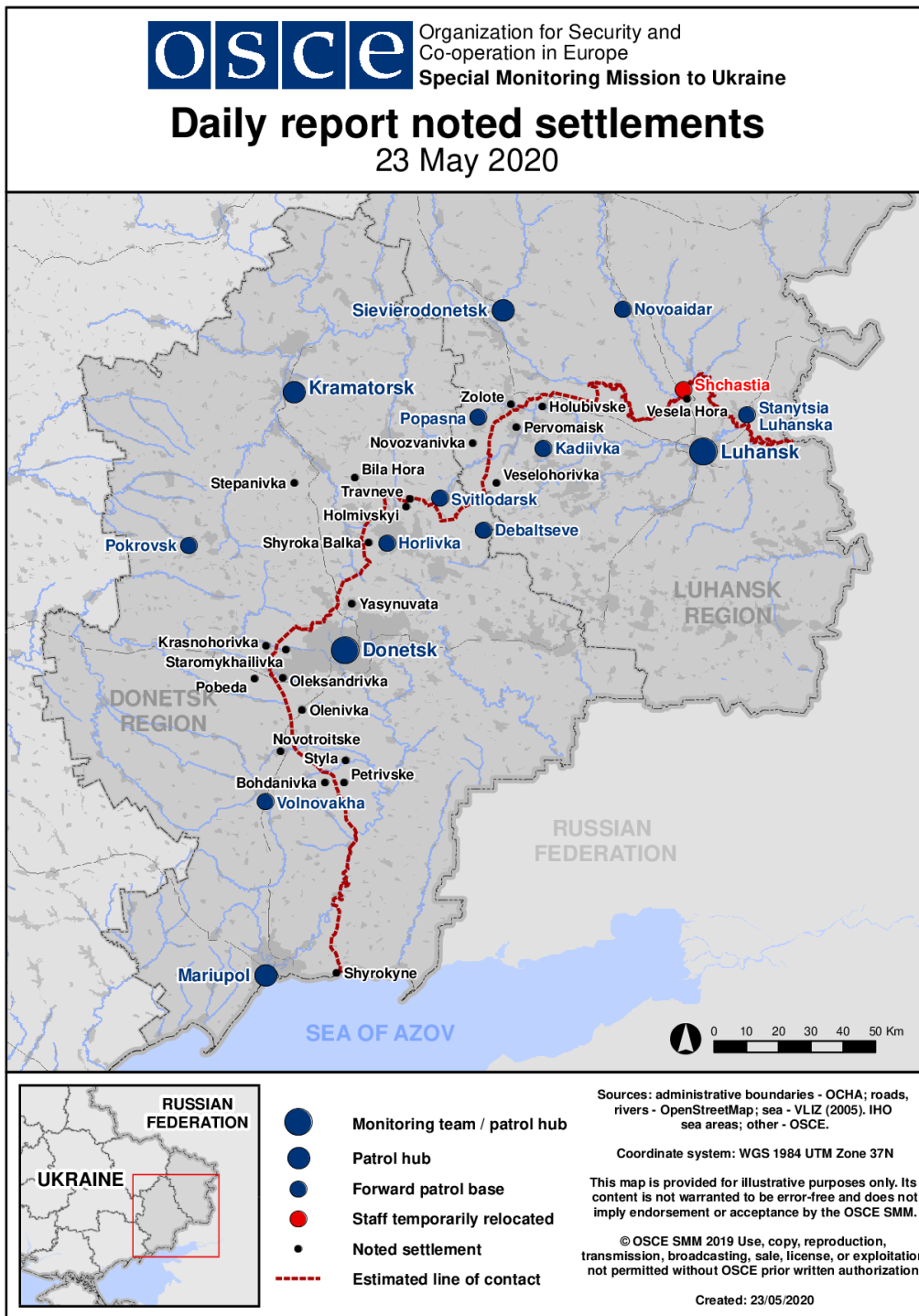
(government-controlled, 20km N of Donetsk)	2km N	Heard	1	Explosion	Undetermined	N/K	22-May, 10:47
	2km N	Heard	3	Explosion	Undetermined	N/K	22-May, 10:53-10:54
	1km E	Heard	1	Explosion	Undetermined	N/K	22-May, 12:22
	1km E	Heard	1	Explosion	Undetermined	N/K	22-May, 12:32
	1km E	Heard	1	Explosion	Undetermined	N/K	22-May, 13:06
	1km SE	Heard and saw	1	Explosion	Undetermined	N/K	22-May, 13:24
	1km SE	Heard	1	Explosion	Impact	N/K	22-May, 13:29
	1km SE	Heard	1	Explosion	Undetermined	N/K	22-May, 13:48
	1km SE	Heard	2	Explosion	Undetermined	N/K	22-May, 13:54-14:09
	1km SE	Heard and saw	2	Explosion	Impact	N/K	22-May, 14:22-14:27
About 2.5km SE of Avdiivka (government-controlled, 17km N of Donetsk)	3-5km E	Heard	18	Explosion	Undetermined	N/K	22-May, 10:16-10:20
	3-5km E	Heard	1	Explosion	Undetermined	N/K	22-May, 10:40
	3-5km E	Heard	2	Explosion	Undetermined	N/K	22-May, 10:54-10:55
	3-5km E	Heard	2	Explosion	Undetermined	N/K	22-May, 10:59-11:00
	3-4km E	Heard	1	Explosion	Undetermined	N/K	22-May, 11:05
	1-2km E	Heard	1	Explosion	Undetermined	N/K	22-May, 11:51
	1-2km E	Heard	1	Explosion	Undetermined	N/K	22-May, 11:57
	1-2km E	Heard	1	Explosion	Undetermined	N/K	22-May, 13:06
	1-2km E	Heard	1	Explosion	Undetermined	N/K	22-May, 13:24
	1-2km E	Heard	1	Explosion	Undetermined	N/K	22-May, 13:29
	1-2km E	Heard	1	Explosion	Undetermined	N/K	22-May, 13:48
	1-2km E	Heard	1	Explosion	Undetermined	N/K	22-May, 13:54
1-2km E	Heard	3	Explosion	Undetermined	N/K	22-May, 14:00-14:26	
Krasnohorivka (government-controlled, 24km north of Donetsk)	3-5km N	Heard	1	Explosion	Undetermined	N/K	22-May, 11:52
About 2km NW of Luhanske (government-controlled, 59km NE of Donetsk)	8-9km WSW	Heard	2	Explosion	Undetermined	N/K	22-May, 13:58
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	4-6km SSE	Recorded	1	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 21:36
	4-6km SSE	Recorded	1	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 21:37
	4-6km SSE	Recorded	2	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 21:57
	4-6km SSE	Recorded	6	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 21:58
	4-6km SSE	Recorded	6	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 21:58

	4-6km SSE	Recorded	2	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 21:59
	4-6km SSE	Recorded	1	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 22:00
	4-6km SSE	Recorded	1	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 22:19
	4-6km SSE	Recorded	1	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 22:20
	4-6km SSE	Recorded	2	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 22:57
	4-6km SSE	Recorded	2	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 23:09
	4-6km SSE	Recorded	5	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 23:10
	4-6km SSE	Recorded	4	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 23:13
	4-6km SSE	Recorded	4	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 23:14
	3-5km SE	Recorded	5	Projectile	In vertical flight (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 23:26
	4-6km SSE	Recorded	1	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 23:26

	3-5km SE	Recorded	6	Projectile	In vertical flight (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 23:27
	4-6km SSE	Recorded	1	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 23:27
	4-6km SSE	Recorded	2	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	21-May, 23:28
	4-6km SSE	Recorded	2	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	22-May, 00:12
	4-6km SSE	Recorded	3	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	22-May, 00:13
	4-6km SSE	Recorded	1	Explosion	Undetermined (unable to be assessed inside or outside the disengagement area)	N/K	22-May, 00:37
	1-3km ESE	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-May, 02:34
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	500-600m WSW	Heard	25	Burst		Small arms	21-May, 21:50-21:53
	500-600m WNW	Heard	20	Burst		Small arms	21-May, 21:50-21:53
N edge of Popasna (government-controlled, 69km W of Luhansk)	2-3km SE	Heard	5	Burst		Small arms	22-May, 02:19-02:20
	7-10km SSE	Heard	1	Explosion	Undetermined	N/K	22-May, 02:22
	2-3km S	Heard	22	Burst	Assessed as outside the disengagement area	Small arms	22-May, 07:02-07:06
About 500m N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	5-8km WSW	Heard	3	Explosion	Undetermined	N/K	22-May, 10:52-11:04
	10-15km SW	Heard	6	Explosion	Undetermined	N/K	22-May, 10:52-11:04
	15-20km SE	Heard	8	Explosion	Undetermined	N/K	22-May, 10:50-11:15
1km NE of Oleksandropillia (government-controlled, 71km W of Luhansk)	15-20km SW	Heard	30	Explosion	Undetermined	N/K	22-May, 11:50-12:20

About 3km E of Vesela Hora (non-government-controlled, 16km N of Luhansk)	1.5-2km NW	Heard	50	Shot		Small arms	22-May, 13:08-13:13
	200-300m NNW	Heard	20	Shot	Close to SMM patrol	Small arms	22-May, 13:14-13:16
W edge of Pervomaisk (non-government-controlled, 58km W of Luhansk)	3-5km WSW	Heard	67	Burst		HMG	22-May, 14:00-14:08
	3-5km WSW	Heard	1	Explosion	Undetermined	N/K	22-May, 14:00-14:08
E outskirts of Popasna (government-controlled, 69km W of Luhansk)	3-5km ESE	Heard	1	Explosion	Undetermined	N/K	22-May, 13:40
S outskirts of Popasna (government-controlled, 69km W of Luhansk)	5-10km ESE	Heard	6	Explosion	Undetermined	N/K	22-May, 14:05-14:15
	2-3km E	Heard	4	Burst		Small arms	22-May, 14:05-14:15
Pervomaisk (non-government-controlled, 58km W of Luhansk)	4-6km NNE	Heard	14	Explosion	Undetermined	N/K	22-May, 17:20-17:25
	4-6km NE	Heard	10	Explosion	Undetermined	N/K	22-May, 17:25-17:30
	3-5km W	Heard	1	Explosion	Undetermined	N/K	22-May, 18:37-18:40

Map of Donetsk and Luhansk regions¹¹



¹¹The 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).