



Daily Report 166/2021

19 July 2021¹

Summary

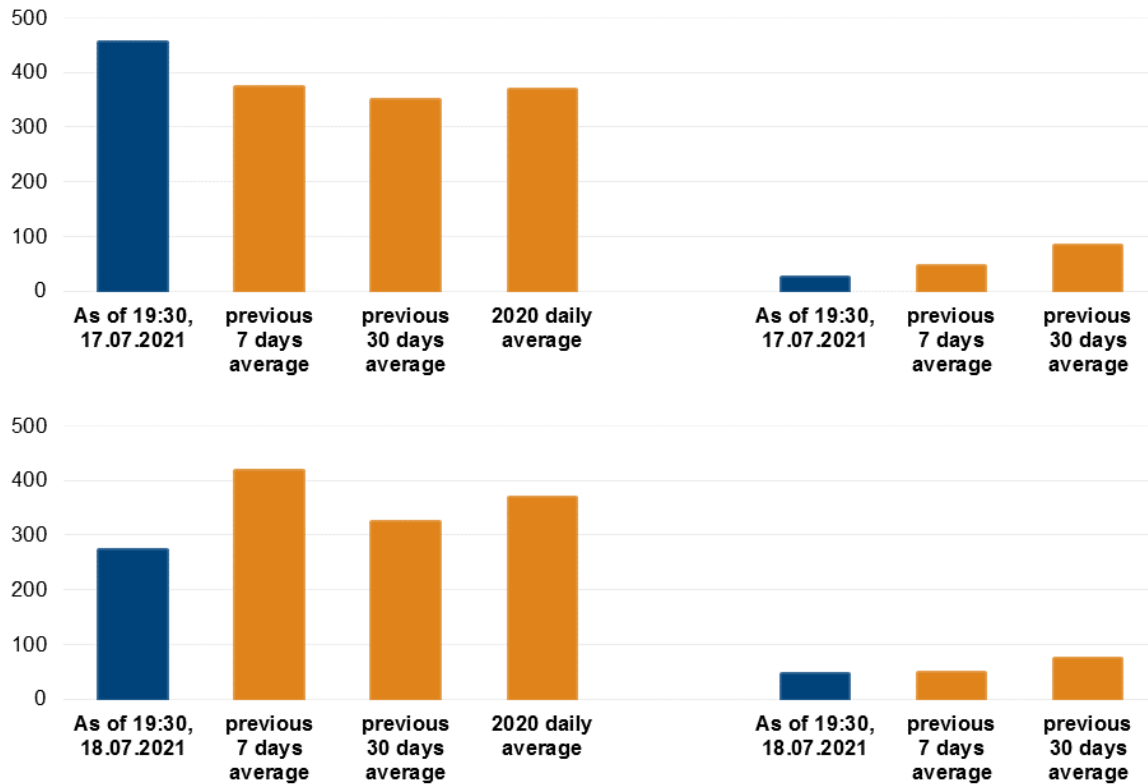
- In Donetsk region, between the evenings of 16 and 18 July, the SMM recorded 608 ceasefire violations, including 64 explosions. In the previous reporting period, it recorded 286 ceasefire violations in the region.
- In Luhansk region, between the evenings of 16 and 18 July, the Mission recorded 133 ceasefire violations, including 21 explosions. In the previous reporting period, it recorded 53 ceasefire violations in the region.
- The SMM saw damage to an inhabited apartment in non-government-controlled in Zolote-5/Mykhailivka, Luhansk region and to five inhabited houses in government-controlled New York, Donetsk region.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations inside the disengagement area near Zolote, as well as ceasefire violations near all three disengagement areas.
- The SMM facilitated and monitored adherence to localized ceasefires to enable the operation of critical civilian infrastructure.
- The Mission continued following up on the situation of civilians, including at three entry-exit checkpoints and four corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.
- The Mission visited two border crossing points outside government control in Luhansk region.
- The Mission observed no change in the security situation in east and south-east Kherson region.
- The SMM monitored a gathering in Lviv commemorating Maidan-related events in 2014.
- The SMM's freedom of movement continued to be restricted, including at a checkpoint of the Ukrainian Armed Forces in southern Donetsk region. Two SMM cameras experienced visual interference, assessed as caused by beams of laser light, for about two hours. Its unmanned aerial vehicles (UAV) again experienced multiple instances of GPS signal interference.*

¹ Based on information from the Monitoring Teams as of 19:30, 18 July 2021. All times are in Eastern European Summer Time.

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



² For a complete breakdown of ceasefire violations, please see the annexed table. The SMM camera in Petrivske started working on 18 July, after the previous camera at this location was destroyed by gunfire on 2 June 2020. (See [SMM Spot Report 29/2020](#) and [SMM Daily Report of 4 June 2020](#).)

³ Including explosions.

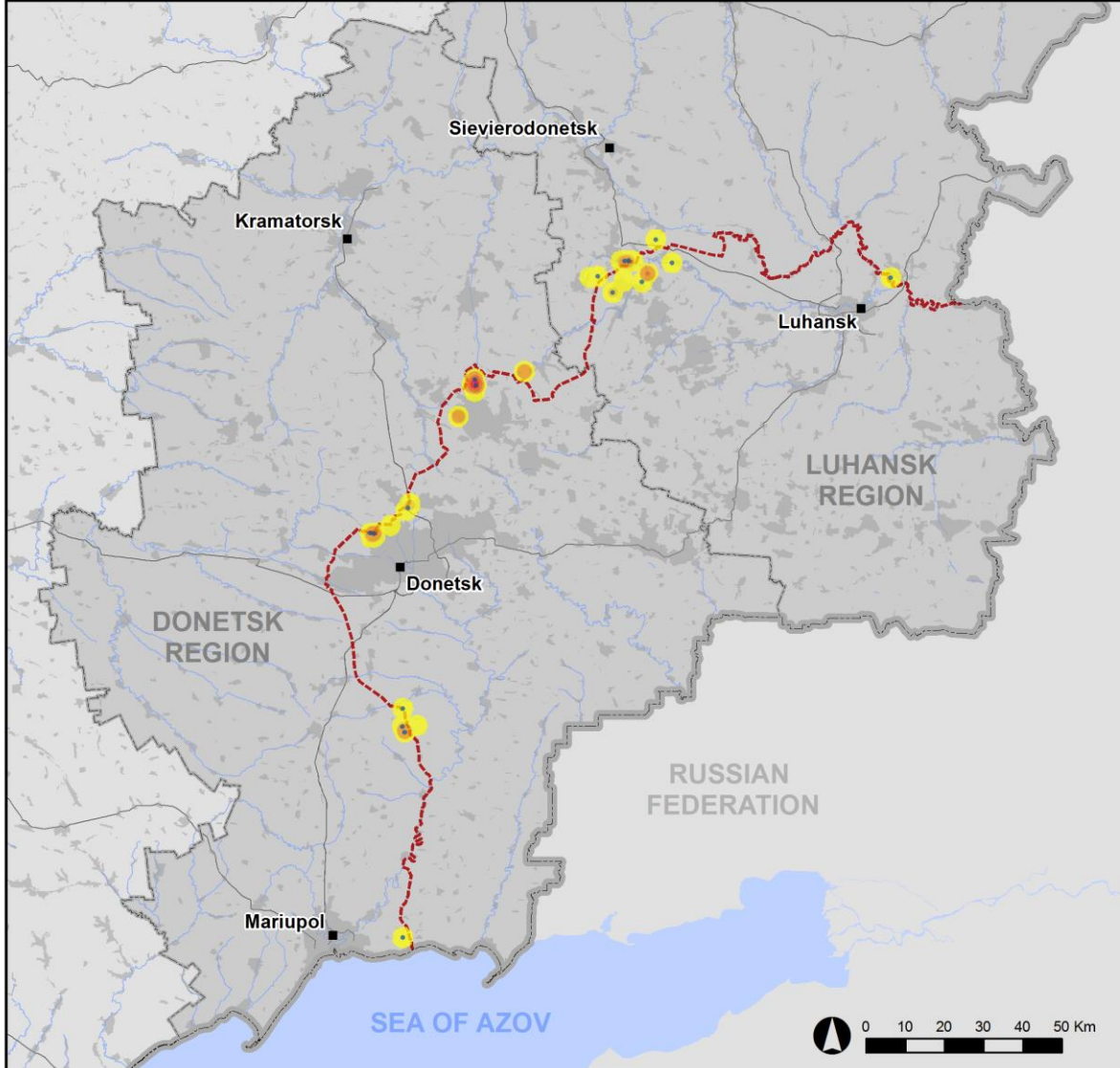
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

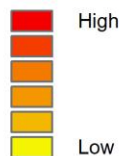


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 17-18 July 2021



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: 19/07/2021

In Donetsk region, between the evenings of 16 and 18 July, the SMM recorded 608 ceasefire violations, including 64 explosions (11 impacts, nine airbursts, ten outgoing and 34 undetermined). The majority of ceasefire violations occurred on the nights of 16-17 and 17-18 July in an area east of Maiorsk (government-controlled, 45km north-east of Donetsk). In the [previous reporting period](#), the Mission recorded 286 ceasefire violations.

In Luhansk region, between the evenings of 16 and 18 July, the SMM recorded 133 ceasefire violations, including 21 undetermined explosions. The majority of ceasefire violations occurred on the night of 16-17 July inside and in areas near the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below). In the [previous reporting period](#), the Mission recorded 53 ceasefire violations.

Following agreement reached at the meeting of the Trilateral Contact Group on 22 July 2020 regarding additional measures to strengthen the ceasefire, from 00:01 on 27 July 2020 until the end of the reporting period, the SMM has recorded at least 45,782 ceasefire violations in both Donetsk and Luhansk regions (including 13,431 explosions, 8,572 projectiles in flight, 262 muzzle flashes, 160 illumination flares and at least 23,357 bursts and shots).

Damage to an inhabited apartment in non-government-controlled Zolote-5/Mykhailivka, Luhansk region and to five inhabited houses in government-controlled New York, Donetsk region

On 16 July, the SMM followed up on reports of damage to an inhabited apartment in Zolote-5/Mykhailivka (non-government-controlled, 60km west of Luhansk).

At 17 Dundycha Street, in an inhabited apartment on the first floor of a two-storey building, the Mission observed a hole and cracks in the outer pane of a north-east-facing kitchen window. The SMM assessed the damage as caused by small-arms fire. A woman (in her seventies), who introduced herself as the owner of the apartment, told the Mission that on the afternoon of 15 May, she had been at home when a bullet had hit her kitchen's window.

On 18 July, the SMM followed up on reports of damage to five inhabited houses in New York (formerly Novhorodske, government-controlled, 35km north of Donetsk).

At 108 Kvitkova Street, the Mission observed a hole (about three meters in diameter) and a shattered window in the east-facing wall of a single-storey inhabited house, as well as a damaged metal fence lying on the ground adjacent to the house. The SMM also observed a shattered window in the house's north-facing wall and shrapnel holes in its north-facing front gate. On the same day, an SMM mini-unmanned aerial vehicle (UAV) spotted a hole (also about three meters in diameter) on the house's east-facing side of the roof, as well as several large pieces of damaged roof slates and bricks lying on the ground nearby. The Mission assessed the damage as recent and as caused by the impact of a probable mortar round fired from an easterly direction. A man (in his fifties), who introduced himself as the owner of the house, told the SMM that on the evening of 15 July he had heard a large explosion while he had been at his sister's house across the street.

At 99 Kvitkova Street, about 30m north of the abovementioned house, the SMM observed several shrapnel marks and a broken window in the south-facing wall of a single-storey inhabited building, as well as several holes in the house's south-facing metal gate. A woman (in her fifties), who introduced herself as the owner of the house, and as the sister of the owner

of the house at 108 Kvitkova Street, told the Mission that she had seen the damage when returning home on the evening of 15 July. She added that her brother currently lived with her, as his house had become uninhabitable.

About 30m further north, at 110 Kvitkova Street, in the west-facing wall of a single-storey house, the Mission observed two shattered windows and damage to the main door, as well as a blown-off kitchen door and slates from the southern part of the kitchen roof lying on the ground. The SMM saw a further two shattered windows in the west-facing wall of house's garage, as well as a hole in its roof. It also saw that the slate fence between the aforementioned house and the house at 108 Kvitkova Street had broken-off slates lying on the ground. A woman (in her forties), who introduced herself as the owner of house, told the Mission that on the evening of 15 July, while she had been at home, she had heard an explosion followed by the sound of shattering glass.

At 112 Kvitkova Street, about 15m west of the abovementioned house, in the west-facing wall of an inhabited single-storey house, the SMM observed a shattered window and saw that slates on the roof's western side were displaced and cracked. A woman (in her sixties), who introduced herself as the owner of the house, told the Mission that on 15 July she had heard an explosion when she had been outside her house with three relatives.

At 114 Kvitkova Street, about 15m west of the abovementioned house, in the west-facing wall of a single-storey inhabited house the SMM observed two shattered west-facing windows. A woman (in her sixties), who introduced herself as the owner of the house, told the Mission that on the evening of 15 July she and her husband had been in their garden when they heard an explosion and saw grey smoke over a neighbour's house.

The Mission assessed the damage at 99, 110, 112 and 114 Kvitkova Street as recent and caused by the blast of an explosion due to an impact to the house on 108 Kvitkova Street.

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

On the night of 17-18 July, the SMM camera at the Prince Ihor Monument south-east of Stanytsia Luhanska bridge (15km north-east of Luhansk) recorded one undetermined explosion at an assessed range of 3-5km north-west, assessed as outside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk) but within 5km of its periphery.

On 17 and 18 July, while positioned inside the disengagement area, the Mission saw members of the armed formations (wearing armbands with "JCCC" written on them) south of the repaired span of the Stanytsia Luhanska bridge.

On the night of 16-17 July, the SMM camera in Zolote recorded five projectiles in flight at an assessed range of 2-4km east-south-east, assessed as inside the **disengagement area near Zolote**.

On the same night, it also recorded three projectiles in flight at an assessed range of 35km east, unable to be assessed as inside or outside the disengagement area. Also on the same night, the

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

same SMM camera recorded one undetermined explosion, 12 projectiles in flight and 14 illumination flares at an assessed range of 1-6km east. On 17 July, while positioned at two locations near the disengagement area, the Mission heard three undetermined explosions. On the night of 17-18 July, the SMM camera in Zolote recorded two undetermined explosions at an assessed range of 3-5km east. On 18 July, while positioned at two locations near the disengagement area, the Mission heard three undetermined explosions and five shots of small-arms fire. All these ceasefire violations were assessed as outside the disengagement area but within 5km of its periphery.

On 17 July, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over the disengagement area. (See below.)*

On 18 July, inside the disengagement area and about 350 m north of its southern edge, the SMM observed for the first time two recent mine hazard signs (red squares with “Stop Mines” written on it in Cyrillic) on both sides of road T-1316.

On 17 and 18 July, while positioned near the checkpoint of the armed formations south of the disengagement area, the Mission saw members of the armed formations (wearing armbands with “JCCC” written on them). The SMM again saw the seven previously observed containers located south of the disengagement area’s southern edge and inside the area.

On 17 July, while positioned at three locations near the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), the Mission observed a calm situation.

On the night of 17-18 July, the SMM camera 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded two projectiles in flight at an assessed range of 4-6km east-south-east. During the day of 18 July, while positioned about 2km east of Bohdanivka, the Mission heard one undetermined explosion at an assessed range of 2-3km north-north-east, as well as 37 explosions (ten outgoing, ten impacts and 17 undetermined) and 23 shots of small-arms fire, all at an assessed range of 2-5km south-south-east. All these ceasefire violations were assessed as outside the disengagement area but within 5km of its periphery.

Withdrawal of weapons

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

In violation of withdrawal lines, the Mission saw a probable mortar near a residential area in a non-government-controlled area of Donetsk region. (For further information, see the table below.)

Beyond withdrawal lines but outside designated storage sites, the SMM observed five surface-to-air missile systems at a railway station and on railway tracks in government-controlled areas of Donetsk region. (For further information, see the tables below.)

Indication of military and military-type presence in the security zone

The SMM saw six armoured combat vehicles in government-controlled areas, including near a residential area, as well as one probable anti-aircraft gun in a compound in a residential area in a non-government-controlled area of Luhansk region. (For further information, see the table

below.)

On 16 July, during an announced flight over Zhovte (non-government-controlled, 17km north-west of Luhansk), an SMM mini-UAV spotted a person aiming a rifle at it.

Presence of mines near Spartak, Donetsk region

On 16 July, on the north-eastern edge of Spartak (non-government-controlled, 9km north of Donetsk), an SMM mini-UAV again spotted 35 anti-tank mines attached to wooden boards scattered across a road leading to Yasynuvata (non-government-controlled, 16km north-east of Donetsk), assessed as belonging to the armed formations. (For previous observations in this area, see [SMM Daily Report of 31 March 2021](#).)

SMM facilitation of the operation of critical civilian infrastructure

On 17 and 18 July, the Mission continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk). On 17 July, the SMM also monitored the security situation near the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, on 17 July, the Mission observed that the checkpoint of the armed formations near Olenivka (non-government-controlled, 23km south-west of Donetsk) was closed.

In Luhansk region, on 17 and 18 July, the Mission observed that the EECF near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of Stanytsia Luhanska bridge were open, with people queueing to travel in both directions.

On both days, the SMM also noted that the EECFs near Zolote and Shchastia (government-controlled, 20km north of Luhansk) were open, but that the corresponding checkpoints of the armed formations south of the disengagement area near Zolote and 3km south-east of the bridge in Shchastia were closed.

Border areas outside government control

On 18 July, while at a border crossing point⁶ near Dovzhanske (84km south-east of Luhansk), the SMM observed no traffic entering or exiting Ukraine. After about fifteen minutes, a member of the armed formations told the Mission to leave the area.*

On the same day, while at a pedestrian border crossing point near Novoborovytsi (79km south of Luhansk) for about 25 minutes, the Mission saw eight people (four women and one man in their twenties and thirties, as well as three children) exiting Ukraine.

⁶ According to decisions in 2014 by the Cabinet of Ministers of Ukraine, operations are officially designated as suspended at these and other border crossing points located outside government control.

Security situation in east and south-east Kherson region

Between 16 and 18 July, the SMM monitored areas of east and south-east Kherson region at checkpoints near Kalanchak (67km south-east of Kherson), Chaplynka (77km south-east of Kherson) and Chonhar (163km south-east of Kherson), as well as areas along the coast of the Azov Sea near Henichesk (176km east of Kherson) and areas near Skadovsk (62km south-east of Kherson). While monitoring these areas, the Mission observed no change in the security situation.

On 16 July, the Mission monitored areas along the North Crimean canal and observed a calm situation.

The SMM monitored gathering in Lviv

On 16 July, at the Heroes of the Heavenly Hundred Memorial at Maksyma Kryvonosa Street in Lviv, the SMM saw about 70 people (mixed ages and genders), including a representative of the Ukrainian Greek Catholic Church and representatives of local authorities, commemorating those who lost their lives during Maidan-related events in 2014. The Mission also saw three members of law enforcement nearby and observed a calm situation.

The SMM continued monitoring in Odessa, 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 Minsk agreements 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 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.

Denial:

- On 18 July, at a border crossing point near Dovzhanske (non-government-controlled, 84km south-east of Luhansk), a member of the armed formations asked the SMM to leave the area, referring to “lack of permission from those in control”.

Regular restrictions related to disengagement areas and mines/UXO:

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

Delay:

- On 17 July, at a checkpoint of the Ukrainian Armed Forces near Chermalyk (government-controlled, 77km south of Donetsk), three representatives of the Ukrainian Armed Forces, one of them visibly armed, allowed the SMM to proceed only after 34 minutes of waiting, citing “orders from superiors”.
- On 17 July, at a checkpoint of the armed formations near Debaltseve (non-government-controlled, 58km north-east of Donetsk), a member of the armed formations requested the SMM to present their national passports, which the Mission refused to do. The member of the armed formations only allowed the SMM to proceed after 120 minutes of waiting.

Other impediments:⁷

- On 17 July, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, during one flight over the disengagement area near Zolote (government-controlled, 60km west of Luhansk).
- During the night of 17-18 July, visual interference, assessed as caused by beams of laser light, limited the observational capabilities of SMM cameras in Zolote (government-controlled, 60km west of Luhansk) and at the Donetsk Filtration Station (15km north of Donetsk) for about two hours.
- On 18 July, SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during four flights over areas near Yasnodolsk (non-government-controlled, 41km west of Luhansk).

⁷ For cases of probable jamming and jamming mentioned in this section, the interferences could have originated from anywhere within the radius of tens of kilometres from the UAVs’ positions.

Tables of weapons

Weapons in violation of withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
16/7/2021	1	Probable mortar (2B11 <i>Sani</i> , 120mm)	Near a residential area of Spartak (9km north of Donetsk)	Mini-UAV

Weapons beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
16/7/2021	4	Surface-to-air missile system (9K37 <i>Buk</i>)	On railway tracks in Mariupol (102km south of Donetsk)	Patrol
18/7/2021	1		At a railway station in Kostiantynivka (60km north of Donetsk)	

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
16/7/2021	1	Armoured combat vehicle (BMP-variant)	Near a residential area of Novozvanivka (70km west of Luhansk)	Mini-UAV
	5	Armoured combat vehicle (four probable BMP-variant and one undetermined)	Near Novozvanivka (70km west of Luhansk)	
Non-government-controlled areas				
16/7/2021	1	Probable anti-aircraft gun (ZU-23, 23mm)	In a compound in a residential area of Novoselivka (16km west of Luhansk)	Mini-UAV

⁸ 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 18 July 2021⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time	
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	16-Jul, 22:22	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-1.5km S	Recorded	3	Muzzle flash	Undetermined	N/K	16-Jul, 21:25	
	1-1.5km S	Recorded	5	Projectile	W to E	N/K	16-Jul, 21:26	
	1-1.5km S	Recorded	2	Muzzle flash		N/K	16-Jul, 21:26	
	0.8-1.2km S	Recorded	1	Projectile	NW to SE	N/K	16-Jul, 21:33	
	2-4km SSW	Recorded	4	Projectile	SSE to NNW	N/K	16-Jul, 22:22	
SMM camera at EECP in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km E	Recorded	12	Projectile	In vertical flight	N/K	17-Jul, 00:34	
	3-5km E	Recorded	11	Projectile	In vertical flight	N/K	17-Jul, 00:54	
	3-5km E	Recorded	19	Projectile	In vertical flight	N/K	17-Jul, 00:55	
	3-5km ENE	Recorded	1	Projectile	In vertical flight	N/K	17-Jul, 00:55	
	3-5km ENE	Recorded	2	Projectile	In vertical flight	N/K	17-Jul, 01:09	
	3-5km ENE	Recorded	9	Projectile	In vertical flight	N/K	17-Jul, 01:10	
	3-5km ENE	Recorded	1	Explosion	Airburst	N/K	17-Jul, 02:18	
	3-5km ENE	Recorded	17	Projectile	In vertical flight	N/K	17-Jul, 02:20	
	3-5km ENE	Recorded	6	Projectile	In vertical flight	N/K	17-Jul, 02:21	
	3-5km E	Recorded	97	Projectile	In vertical flight	N/K	17-Jul, 02:31	
	3-5km ENE	Recorded	11	Projectile	In vertical flight	N/K	17-Jul, 02:32	
	3-5km E	Recorded	15	Projectile	In vertical flight	N/K	17-Jul, 02:32	
	SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km W	Recorded	1	Projectile	In vertical flight	N/K	16-Jul, 21:41
		2-4km W	Recorded	3	Muzzle flash		N/K	16-Jul, 21:41
		2-4km W	Recorded	3	Projectile	In vertical flight (subsequent to previous event)	N/K	16-Jul, 21:41
2-4km W		Recorded	3	Explosion	Airburst (subsequent to previous event)	N/K	16-Jul, 21:41	
2-4km W		Recorded	5	Explosion	Airburst	N/K	16-Jul, 21:41	
2-4km WSW		Recorded	2	Projectile	In vertical flight	N/K	17-Jul, 01:10	
2-4km WSW		Recorded	7	Projectile	In vertical flight	N/K	17-Jul, 02:00	
2-4km WSW		Recorded	1	Projectile	S to N	N/K	17-Jul, 03:32	
2-4km NE		Recorded	4	Projectile	SE to NW	N/K	16-Jul, 22:22	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)		1-3km W	Recorded	24	Projectile	In vertical flight	N/K	16-Jul, 21:40
	1-3km W	Recorded	31	Projectile	In vertical flight	N/K	16-Jul, 21:41	
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km NW	Heard	38	Burst		HMG	16-Jul, 21:40-21:45	
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	2-4km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	17-Jul, 01:04	
	2-4km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	17-Jul, 02:36	
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	16-Jul, 21:23	
	2-4km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	16-Jul, 21:28	
	1-3km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	16-Jul, 22:22	

⁹ The table only includes ceasefire violations directly observed by 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 position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	1-3km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	16-Jul, 22:23
	1-3km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	16-Jul, 22:29
	2-4km E	Recorded	1	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	16-Jul, 22:45
	2-4km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	16-Jul, 22:47
	1-3km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	16-Jul, 22:48
	2-4km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	16-Jul, 23:18
	4-6km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 23:19
	3-5km E	Recorded	1	Projectile	S to N (assessed as outside the disengagement area)	N/K	16-Jul, 23:24
	1-3km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	16-Jul, 23:25
	3-5km E	Recorded	1	Projectile	S to N (assessed as outside the disengagement area)	N/K	16-Jul, 23:25
	1-3km E	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	16-Jul, 23:25
	1-3km E	Recorded	1	Illumination flare	In vertical flight (subsequent to previous event, assessed as outside the disengagement area)	N/K	16-Jul, 23:25
	2-4km E	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	16-Jul, 23:27
	2-4km E	Recorded	1	Illumination flare	In vertical flight (subsequent to previous event, assessed as outside the disengagement area)	N/K	16-Jul, 23:27

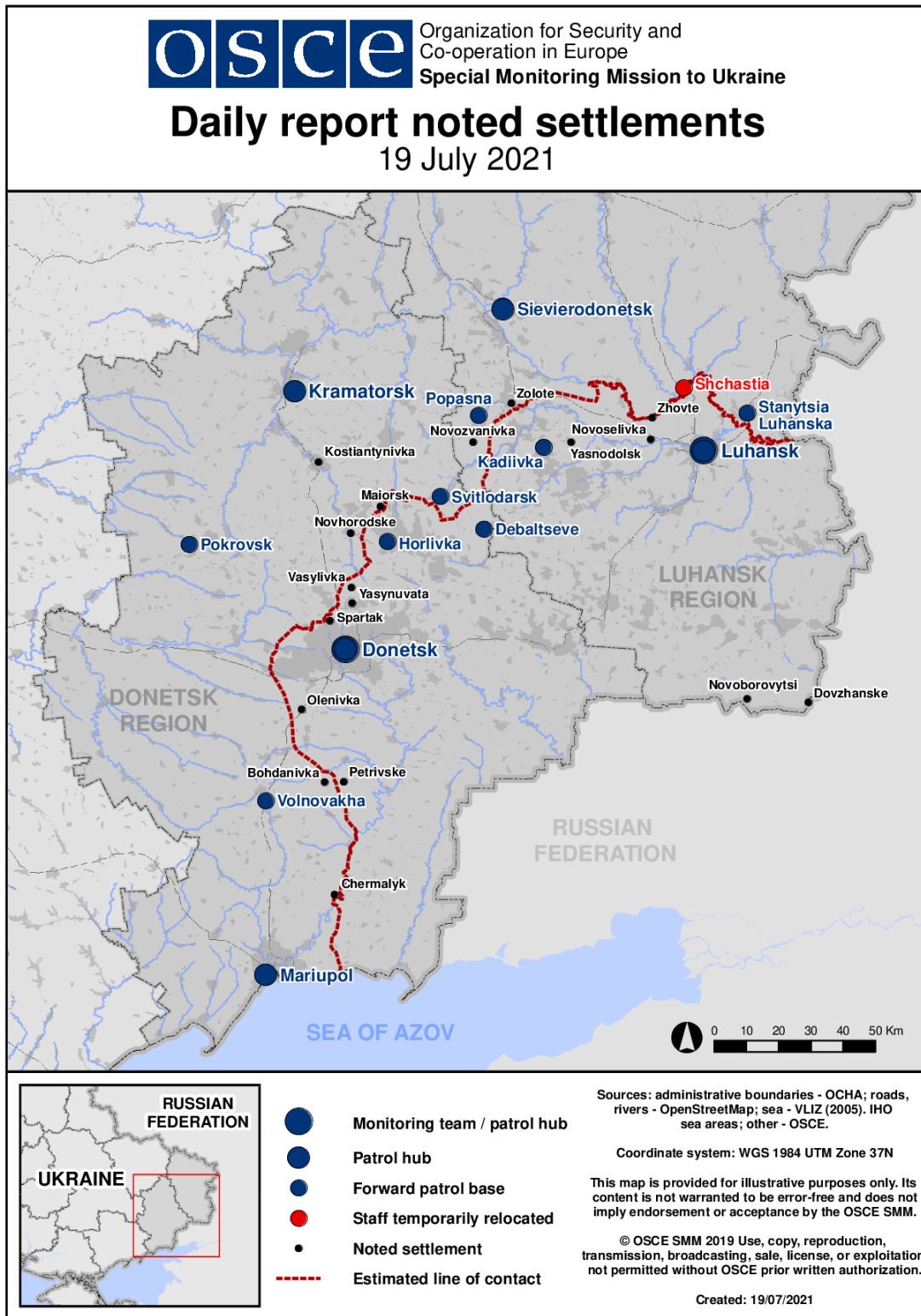
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-4km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	17-Jul, 00:05
	2-4km E	Recorded	1	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	17-Jul, 00:15
	3-5km E	Recorded	7	Projectile	S to N (assessed as outside the disengagement area)	N/K	17-Jul, 00:25
	2-4km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	17-Jul, 00:41
	1-3km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	17-Jul, 01:49
	3-5km E	Recorded	3	Projectile	N to S (unable to be assessed if inside or outside the disengagement area)	N/K	17-Jul, 02:02
	2-4km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	17-Jul, 02:17
	2-4km ESE	Recorded	5	Projectile	N to S (assessed as inside the disengagement area)	N/K	17-Jul, 03:20
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	10-15km WNW	Heard	8	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	16-Jul, 22:03-22:16
	10-15km WNW	Heard	4	Burst	Assessed as outside the disengagement area near Zolote	N/K	16-Jul, 22:03-22:16
N edge of Popasna (government-controlled, 69km W of Luhansk)	15-20km E	Heard	3	Burst		N/K	17-Jul, 02:29-02:37
	13-15km E	Heard	3	Burst	Assessed as outside the disengagement area near Zolote	N/K	17-Jul, 02:56-02:57
	13-15km E	Heard	40	Shot	Assessed as outside the disengagement area near Zolote	HMG	17-Jul, 02:57-03:16
	13-15km E	Heard	20	Shot	Assessed as outside the disengagement area near Zolote	N/K	17-Jul, 03:18-03:23
	13-15km E	Heard	1	Burst	Assessed as outside the disengagement area near Zolote	N/K	17-Jul, 03:22
N edge of Zolote-4/Rodina (government-controlled, 62km W of Luhansk)	7km SE	Heard	2	Explosion	Undetermined (Assessed as outside the disengagement area)	N/K	17-Jul, 10:20-10:22

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	10-15km E	Heard	1	Explosion	Undetermined	N/K	17-Jul, 10:30
About 3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	10-15km NE	Heard	2	Explosion	Undetermined	N/K	17-Jul, 10:30-10:35
Zolote-3/Stakhanovets (government-controlled, 61km W of Luhansk)	5-6km SW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	17-Jul, 17:43
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	4-6km ESE	Recorded	2	Projectile	SW to NE (assessed as outside the disengagement area near Petrivske)	N/K	18-Jul, 00:04
SMM camera at EECF in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	28	Projectile	In vertical flight	N/K	18-Jul, 00:06
	2-4km E	Recorded	57	Projectile	In vertical flight	N/K	18-Jul, 00:07
	2-4km E	Recorded	6	Projectile	In vertical flight	N/K	18-Jul, 00:08
	3-5km E	Recorded	6	Projectile	In vertical flight	N/K	18-Jul, 00:09
	3-5km ESE	Recorded	2	Projectile	NNW to SSE	N/K	18-Jul, 00:45
	3-5km E	Recorded	6	Projectile	NNW to SSE	N/K	18-Jul, 01:04
	3-5km E	Recorded	1	Projectile	SSW to NNE	N/K	18-Jul, 01:05
	3-5km ENE	Recorded	7	Projectile	In vertical flight	N/K	18-Jul, 01:43
	3-5km ENE	Recorded	9	Projectile	In vertical flight	N/K	18-Jul, 01:44
	3-5km ENE	Recorded	2	Projectile	In vertical flight	N/K	18-Jul, 02:54
	3-5km ENE	Recorded	28	Projectile	In vertical flight	N/K	18-Jul, 02:56
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	18-Jul, 03:05
	3-5km E	Recorded	1	Projectile	In vertical flight	N/K	18-Jul, 03:05
	3-5km ENE	Recorded	2	Projectile	In vertical flight	N/K	18-Jul, 03:07
	3-5km E	Recorded	3	Projectile	NNW to SSE	N/K	18-Jul, 03:07
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-3km W	Recorded	1	Muzzle flash		N/K	17-Jul, 22:07
	1-3km W	Recorded	1	Projectile	SSE to NNW (subsequent to previous event)	N/K	17-Jul, 22:07
	1-3km W	Recorded	1	Explosion	Undetermined (subsequent to previous event)	N/K	17-Jul, 22:07
	1-3km W	Recorded	2	Explosion	Undetermined	N/K	17-Jul, 22:07
	1-3km W	Recorded	5	Explosion	Undetermined	N/K	17-Jul, 22:08
	1-3km W	Recorded	1	Explosion	Undetermined	N/K	17-Jul, 22:16
	1-3km W	Recorded	1	Projectile	NE to SW	N/K	17-Jul, 22:16
	1-3km WSW	Recorded	1	Projectile	N to S	N/K	17-Jul, 22:30
	1-3km W	Recorded	5	Explosion	Undetermined	N/K	18-Jul, 03:54
	1-3km W	Recorded	8	Projectile	S to N	N/K	18-Jul, 03:56
	1-3km W	Recorded	12	Projectile	SE to NW	N/K	18-Jul, 03:58
	1-3km W	Recorded	1	Muzzle flash		N/K	18-Jul, 03:59
	1-3km W	Recorded	9	Projectile	SE to NW	N/K	18-Jul, 04:05
	1-3km W	Recorded	2	Muzzle flash		N/K	18-Jul, 04:08
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	17-Jul, 22:27
	3-5km N	Recorded	1	Illumination flare	SSW to NNE	N/K	17-Jul, 22:29
	3-5km N	Recorded	1	Muzzle flash		N/K	17-Jul, 22:39
	3-5km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	17-Jul, 22:39
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	17-Jul, 22:39
	3-5km N	Recorded	1	Projectile	W to E	N/K	17-Jul, 22:45
	3-5km N	Recorded	1	Projectile	E to W	N/K	17-Jul, 22:46
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-3km NNE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	18-Jul, 10:24-10:40

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-5km SSE	Heard	10	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	18-Jul, 10:24-10:40
	2-4km SSE	Heard	11	Shot	Assessed as outside the disengagement area near Petrivske	Small arms	18-Jul, 11:00-11:11
	2-3km SSE	Heard	2	Explosion	Outgoing (assessed as outside the disengagement area near Petrivske)	N/K	18-Jul, 11:14-11:18
	2-3km SSE	Heard	2	Explosion	Impact (assessed as outside the disengagement area near Petrivske)	N/K	18-Jul, 11:14-11:18
	3-5km SSE	Heard	4	Explosion	Outgoing (assessed as outside the disengagement area near Petrivske)	N/K	18-Jul, 11:18-11:35
	3-5km SSE	Heard	4	Explosion	Impact (assessed as outside the disengagement area near Petrivske)	N/K	18-Jul, 11:18-11:35
	3-5km SSE	Heard	3	Shot	Assessed as outside the disengagement area near Petrivske	Small arms	18-Jul, 11:26
	3-5km SSE	Heard	3	Explosion	Outgoing (assessed as outside the disengagement area near Petrivske)	N/K	18-Jul, 11:36-11:43
	3-5km SSE	Heard	3	Explosion	Impact (assessed as outside the disengagement area near Petrivske)	N/K	18-Jul, 11:36-11:43
	3-5km SSE	Heard	2	Shot	Assessed as outside the disengagement area near Petrivske	Small arms	18-Jul, 11:40
	3-5km SSE	Heard	1	Explosion	Outgoing (assessed as outside the disengagement area near Petrivske)	N/K	18-Jul, 11:48-11:50
	3-5km SSE	Heard	1	Explosion	Impact (assessed as outside the disengagement area near Petrivske)	N/K	18-Jul, 11:48-11:50
	3-5km SSE	Heard	7	Shot	Assessed as outside the disengagement area near Petrivske	Small arms	18-Jul, 11:48-11:50

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-5km SSE	Heard	7	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	18-Jul, 12:22-12:26
SMM camera at Prince Ihor Monument SE of Stanytsia Luhanska bridge (15km NE of Luhansk)	3-5km NW	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area near Stanytsia Luhanska, also recorded by SMM camera on parking lot south of Stanytsia Luhanska bridge)	N/K	18-Jul, 01:15
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Jul, 03:25
About 3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	2km SSE	Heard	5	Shot	Assessed as outside the disengagement area near Zolote	Small arms	18-Jul, 08:35-08:38
Zolote-5/Mykhailivka (non-government-controlled, 60km W of Luhansk)	2-3km N	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Jul, 09:58

Map of Donetsk and Luhansk regions¹⁰



¹⁰ The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs and forward patrol bases) in Donetsk and Luhansk regions. (In red: a forward patrol base from which SMM staff have 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 also patrols in this settlement during daylight hours).