

Daily Report 277/2021

25 November 2021¹

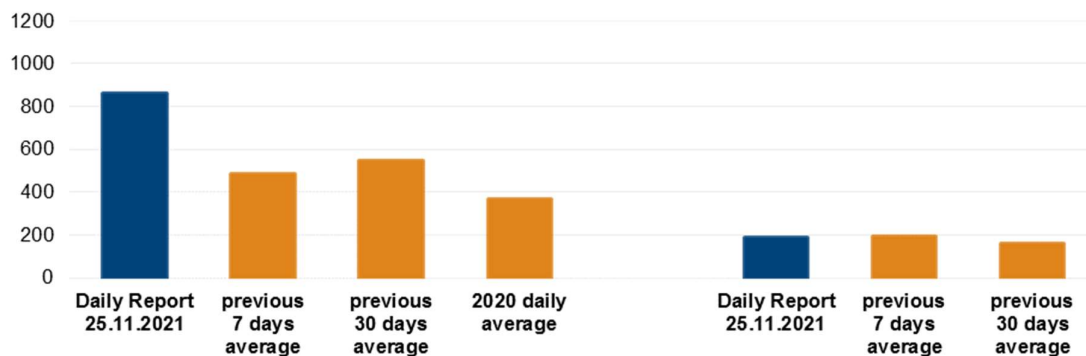
Summary

- In Donetsk region, the SMM recorded 813 ceasefire violations, including 183 explosions. In the previous reporting period, it recorded 376 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 35 ceasefire violations, including five explosions. In the previous reporting period, it recorded 372 ceasefire violations in the region.
- The SMM corroborated reports of a civilian casualty in Pavlopil, Donetsk region.
- Members of the armed formations denied the SMM passage on two occasions at a checkpoint near Horlivka, Donetsk region.*
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske.
- The SMM facilitated the operation of critical civilian infrastructure.
- The Mission continued following up on the situation of civilians, including at four entry-exit checkpoints and five corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.
- The SMM's freedom of movement continued to be restricted, including at a checkpoint of the armed formations near Zhabunki, Donetsk region. Its unmanned aerial vehicles again experienced multiple instances of probable jamming.*

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



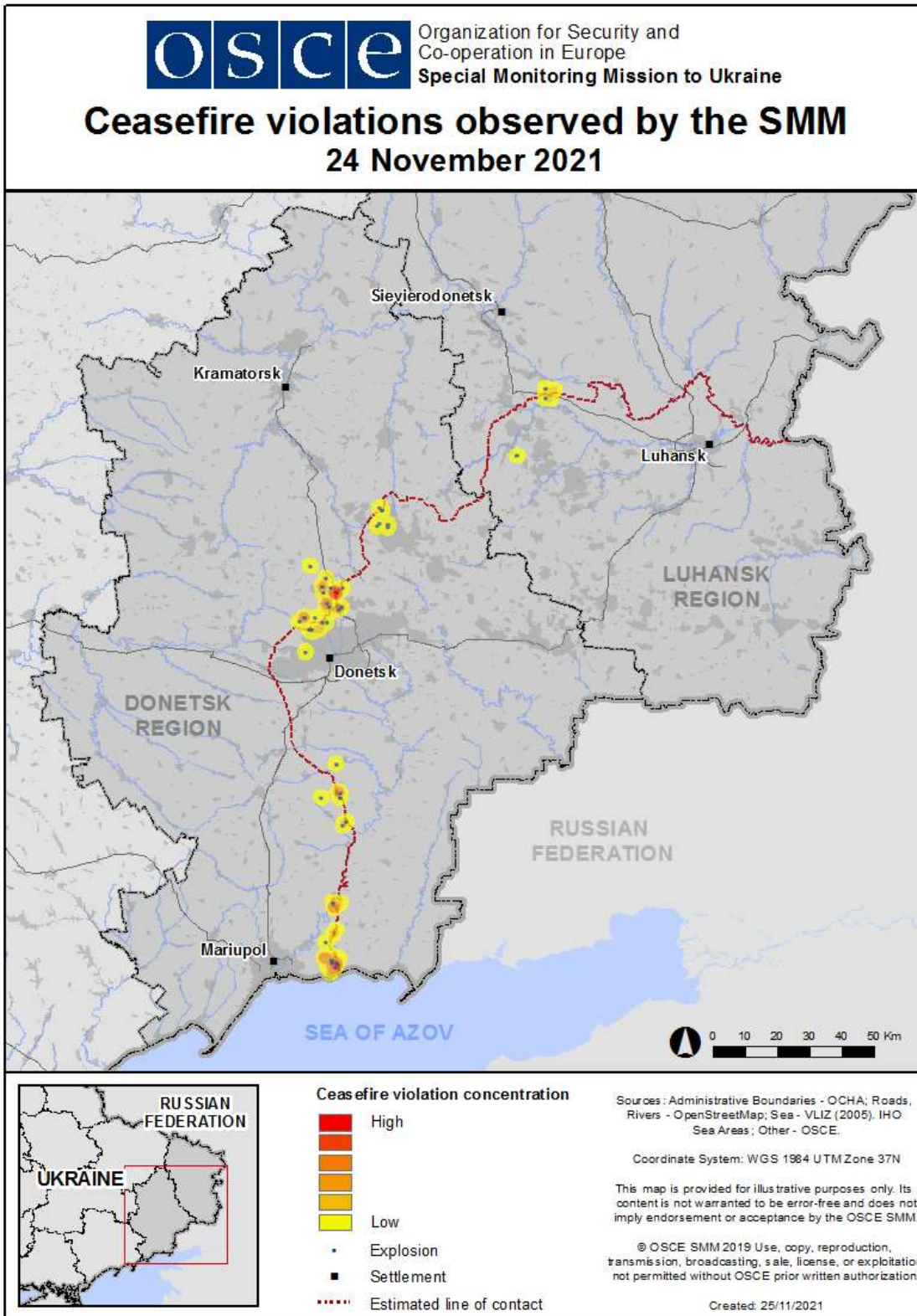
¹ Based on information from the Monitoring Teams as of 19:30, 24 November 2021. All times are in Eastern European Time.

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

³ Including explosions.

⁴ Including from unidentified weapons.

Map of recorded ceasefire violations



In Donetsk region, the SMM recorded 813 ceasefire violations, including 183 explosions (three impacts, three airbursts, 19 outgoing and 158 undetermined). The majority of ceasefire violations occurred in areas north of Shyrokyne (government-controlled, 100km south of Donetsk) and east and south of Avdiivka (government-controlled, 17km north of Donetsk). In the [previous reporting period](#), the Mission recorded 376 ceasefire violations in the region, some of which also occurred in areas north of Shyrokyne.

In Luhansk region, the SMM recorded 35 ceasefire violations, including five explosions (three impacts and two undetermined). The majority of ceasefire violations occurred in areas north-west of Almazna (non-government-controlled, 55km west of Luhansk) and in areas north and north-north-east of Holubivske (non-government-controlled, 51km west of Luhansk). In the [previous reporting period](#), the Mission recorded 372 ceasefire violations in the region, the majority of which also occurred in areas close to the disengagement area near Zolote.

Following agreement reached at the meeting of the Trilateral Contact Group on 22 July 2020 regarding 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 84,668 ceasefire violations in both Donetsk and Luhansk regions (including 23,527 explosions, 20,308 projectiles in flight, 393 muzzle flashes, 360 illumination flares and at least 40,080 bursts and shots).

Civilian casualty corroborated in government-controlled Pavlopil, Donetsk region

The SMM followed-up on reports of the death of an 82-year-old man in Pavlopil (government-controlled, 84km south of Donetsk) on 29 October.

On 3 November, in Novoselivka Druha (government-controlled, 69km south of Donetsk), a woman (in her seventies), who introduced herself as the wife of an 82-year-old man, told the SMM that on 29 October, her husband had been fishing from a boat on a lake near Pavlopil, when he had sustained fatal injuries. The woman showed the Mission her husband's death certificate dated 29 October, which stated that the man had died from severe wounds he sustained to his head and neck.

On 4 November, a representative of the police department in Mariupol (government-controlled, 102km south of Donetsk) (woman, in her thirties), told the SMM over the phone that a man had been fatally injured on 29 October in Pavlopil and that a criminal investigation had been opened.

On 6 November, a man (age unknown) told the Mission over the phone that on the afternoon of 29 October, he and his wife had been at their summer house on the western shore of the aforementioned lake, when they heard five gunshots. They heard a man shouting for help and saw him struggling to swim to the shore from a boat approximately 100m away. They helped him ashore, but the man lost consciousness and they called an ambulance. They noticed he had sustained injuries to his leg and head.

On 3 November, a member of the medical staff (woman, age unknown) from the Mariupol Medical Emergency Services told the SMM over the phone that on 29 October, an ambulance was called to the aforementioned lake near Pavlopil and that paramedics had confirmed the death of a man at that location.

On 22 November, member of medical staff (man, in his forties) at the Mariupol Municipal Department of Forensics, told the SMM that an 82-year-old man had been brought to the Mariupol morgue on 29 October.

Members of the armed formations denied the SMM passage on two occasions at a checkpoint near Horlivka, Donetsk region

On 24 November, an SMM patrol consisting of two vehicles and five people arrived from Donetsk city at a checkpoint of the armed formations near Horlivka (non-government-controlled, 39km north-east of Donetsk), travelling to government-controlled areas. At the checkpoint, two visibly armed members of the armed formations denied the Mission passage, citing a “lack of permission” for the SMM to cross. At 14:54, the patrol returned to Donetsk city.

At 11:40, a second SMM patrol consisting of two vehicles and five people arrived from Kramatorsk (government-controlled, 83km north of Donetsk) at a checkpoint of the armed formations, travelling to non-government-controlled areas on the same crossing route as the first patrol. At the checkpoint, one member of the armed formations denied the Mission passage, citing a “need for permission” from his superior. At 12:22, the patrol left the checkpoint and returned to Kramatorsk. (See [SMM Spot Report 28/2021 of 24 November 2021](#).)*

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

Inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the Mission saw three members of the armed formations (wearing armbands with “JCCC” written on them) south of the repaired span of the Stanytsia Luhanska bridge (15km north-east of Luhansk).

Outside the disengagement area, at a position of the armed formations about 130m south-south-east of the area’s south-eastern edge, just north of the Prince Ihor Monument, the SMM [again](#) observed four members of the armed formations digging the ground with shovels, assessed as reinforcing their positions.

Near the checkpoint of the armed formations south of the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk), the SMM saw two members of the armed formations (wearing armbands with “JCCC” written on them). The Mission again saw the seven previously observed containers located south of the area’s southern edge and inside the disengagement area. It saw that the previously reported road barriers across road T-1316, on the area’s southern edge, continued to be closed.

An SMM mini-unmanned aerial vehicle (UAV) experienced GPS signal interference, assessed as caused by probable jamming while flying over the disengagement area near Zolote (government-controlled, 60km west of Luhansk).*

During the reporting period, the SMM patrols heard five shots and 26 bursts of heavy-machine-gun fire and four undetermined explosions, assessed as outside the **disengagement area near**

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

Petrivske (non-government-controlled, 41km south of Donetsk), 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.

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

The SMM observed one anti-aircraft gun in a government-controlled area of Donetsk region and one trench digger and four infantry fighting vehicles in non-government controlled areas of Donetsk and Luhansk regions. (For further information, see the table below.)

Presence of craters and mines near Popasna, Luhansk region

On 23 November, in three locations about 5km east of Popasna (government-controlled, 69km west of Luhansk), an SMM mini-UAV spotted six recent craters, of which four were in a field near positions of the armed formations and two were on the edge of road T-0504, assessed as impacts of probable 82mm mortar rounds (not visible in imagery from 6 September 2021). About 900m further west-north-west, the same UAV spotted three recent craters in a field near positions of the Ukrainian Army Forces, assessed as impacts of probable 82mm mortar rounds (not visible in imagery from 6 September 2021).

On the same day, in a field about 1.5km east of the eastern outskirts of Popasna, the same UAV spotted at least eight anti-tank mines (previously reported), assessed as belonging to the Ukrainian Armed Forces. (For previous observations in the area, see [SMM Daily Report of 12 July 2021](#)).

SMM facilitation of the operation of critical civilian infrastructure

The Mission continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) (DFS). While positioned at three locations near the DFS, the SMM heard 41 explosions (19 outgoing and 22 undetermined), assessed as within a 5km radius of the DFS. Twelve of these explosions occurred during the transfer of DFS workers between the station and Yasynuvata (non-government-controlled, 16km north-east of Donetsk).

The Mission also monitored the security situation close to the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, the Mission observed that the entry-exit checkpoint (EECP) near Marinka (government-controlled, 23km south-west of Donetsk) was open and that the corresponding checkpoint of the armed formations near Kremiets (non-government-controlled, 16km south-west of Donetsk) was closed. The SMM also observed that the corresponding checkpoint of the armed formations near Olenivka (non-government-controlled, 23km south-west of Donetsk) was closed.

In Luhansk region, the SMM observed that the EECF near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the Stanytsia Luhanska bridge were open, with people queuing to travel in both directions.

The SMM 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.

Along road T-1316, between the EECF near Zolote and the following intersection, on the eastern side of the road, the Mission observed continuing ground works involving about 20 workers, some of whom were operating machinery. (For previous observations in the area, see [SMM Daily Report of 24 November 2021](#).)

Additionally, at a checkpoint of the armed formations near Chornukhyne (non-government-controlled, 64km south-west of Luhansk), the SMM noted that civilian traffic was passing through in both directions between non-government-controlled areas of Luhansk and Donetsk regions.

The SMM continued monitoring in Kherson, Lviv, 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 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 [SMM Daily Report of 23 November 2021](#)). 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.

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 near Zhabunki (non-government-controlled, 9km north-west of Donetsk), a visibly armed member of the armed formations allowed the SMM passage south-west towards the SMM camera site only after about 16 minutes of waiting.

Other impediments:⁶

- While conducting a test flight, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas between Rohanske (government-controlled, 79km north-west of Donetsk) and Marinka (government-controlled, 23km south-west of Donetsk). The same UAV experienced GPS signal interference, assessed as caused by jamming, while flying over areas between Marinka and Varvarivka (government-controlled, 81km north-west of Donetsk).
- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during 11 flights: twice while flying over areas near Novyi (non-government-controlled, 54km west of Luhansk) and once each while flying over areas near Maiorsk (government-controlled, 45km north-east of Donetsk), Bobrove (government-controlled, 56km north-west of Luhansk), Muratove (government-controlled, 51km north-west of Luhansk), Kriakivka (government-controlled, 38km north-west of Luhansk), Almazna (non-government-controlled, 55km west of Luhansk), Komisarivka (non-government-controlled, 17km south-east of Luhansk), Alchevsk (non-government-controlled, 40km west of Luhansk), Brianka (non-government-controlled, 46km south-west of Luhansk) and over the southern edge of the disengagement area near Zolote (government-controlled, 60km west of Luhansk).

⁶ For cases of probable jamming and jamming mentioned in this section, the interference could have originated from anywhere within the radius of tens of kilometres from the UAVs' positions.

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
24/11/2021	1	Anti-aircraft gun (ZU-23, 23mm)	Near Myrne (63km south of Donetsk)	Patrol
Non-government-controlled areas				
24/11/2021	1	Trench digger (undetermined type)	Near Debaltseve (58km north-east of Donetsk)	Patrol
24/11/2021	4	Infantry fighting vehicle (three BMP-2 and one BMP-1)	Near Dovhe (22km north-west of Luhansk)	Patrol

⁷ 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 24 November 2021⁸

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km NE	Recorded	25	Projectile	In vertical flight (also recorded by the SMM camera at Oktiabr Mine)	N/K	24-Nov, 16:58
	4-6km NE	Recorded	22	Projectile	In vertical flight (also recorded by the SMM camera at Oktiabr Mine)	N/K	24-Nov, 17:17
	4-6km NE	Recorded	14	Projectile	In vertical flight (also recorded by the SMM camera at Oktiabr Mine)	N/K	24-Nov, 17:18
	4-6km NE	Recorded	98	Projectile	In vertical flight (also recorded by the SMM camera at Oktiabr Mine)	N/K	24-Nov, 17:19
	4-6km NE	Recorded	45	Projectile	In vertical flight (also recorded by the SMM camera at Oktiabr Mine)	N/K	24-Nov, 17:20
	4-6km NE	Recorded	36	Projectile	In vertical flight (also recorded by the SMM camera at Oktiabr Mine)	N/K	24-Nov, 17:21
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	9	Projectile	SW to NE	N/K	23-Nov, 20:12
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km ESE	Recorded	2	Projectile	In vertical flight	N/K	23-Nov, 20:59
	3-5km ESE	Recorded	4	Projectile	In vertical flight	N/K	23-Nov, 21:01
	3-5km ESE	Recorded	1	Projectile	In vertical flight	N/K	23-Nov, 21:02
	3-5km SE	Recorded	1	Projectile	NNW to SSE (in vertical flight)	N/K	23-Nov, 21:52
	3-5km SE	Recorded	2	Projectile	NNW to SSE	N/K	23-Nov, 21:52
	3-5km SE	Recorded	2	Projectile	N to S	N/K	23-Nov, 21:52
	3-5km SE	Recorded	2	Muzzle flash		N/K	23-Nov, 21:53
	3-5km SE	Recorded	2	Projectile	NNE to SSW (subsequent to previous event)	N/K	23-Nov, 21:53
	3-5km SE	Recorded	1	Projectile	NNW to SSE	N/K	23-Nov, 21:54
	3-5km SE	Recorded	1	Muzzle flash		N/K	23-Nov, 22:50
	3-5km SE	Recorded	1	Projectile	NNW to SSE (subsequent to previous event)	N/K	23-Nov, 22:50
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-2km W	Recorded	1	Muzzle flash		N/K	23-Nov, 20:32
	1-2km W	Recorded	1	Explosion	Airburst (subsequent to previous event)	N/K	23-Nov, 20:32
	1-2km W	Recorded	1	Illumination flare	In vertical flight	N/K	23-Nov, 20:49
	0.5-1km W	Recorded	1	Explosion	Undetermined	N/K	23-Nov, 21:16
	0.5-1km W	Recorded	1	Explosion	Undetermined	N/K	23-Nov, 21:17
	0.5-1km W	Recorded	1	Muzzle flash		N/K	23-Nov, 21:27
	0.5-1km W	Recorded	1	Projectile	NNE to SSW (subsequent to previous event)	N/K	23-Nov, 21:27
	0.5-1km W	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	23-Nov, 21:27
	0.5-1km WSW	Recorded	1	Muzzle flash		N/K	23-Nov, 21:29
	0.5-1km WSW	Recorded	1	Projectile	N to S (subsequent to previous event)	N/K	23-Nov, 21:29
	8-10km NNE	Recorded	23	Projectile	In vertical flight (also recorded by the SMM camera at the Donetsk Filtration Station)	N/K	24-Nov, 18:43
	8-10km NNE	Recorded	2	Projectile	W to E (also recorded by the SMM camera in Avdiivka)	N/K	24-Nov, 18:43

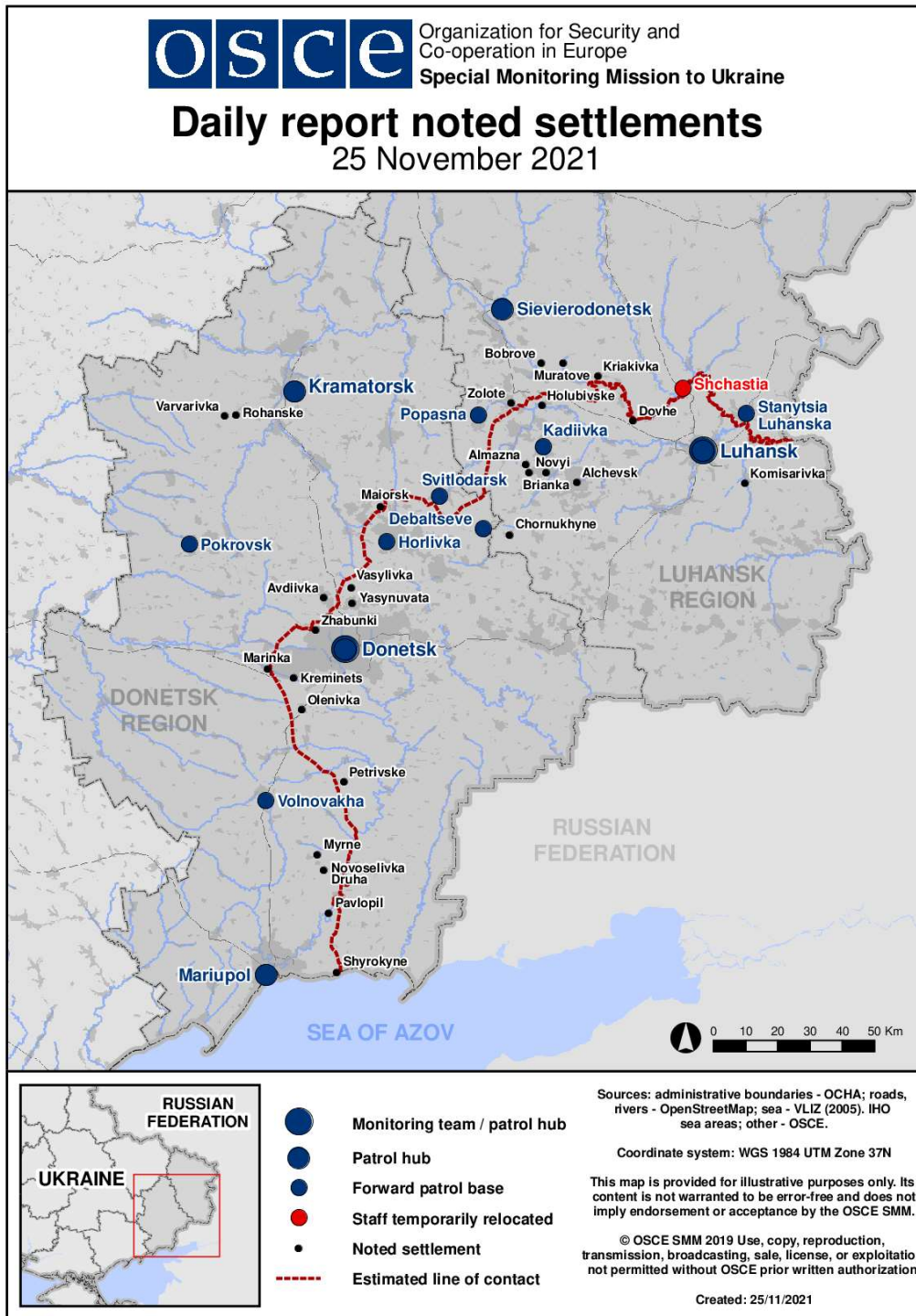
⁸ The table only includes ceasefire violations directly observed by SMM patrols or recorded by the SMM cameras, and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments 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
	8-10km NNE	Recorded	3	Projectile	W to E (also recorded by the SMM camera in Avdiivka)	N/K	24-Nov, 18:46
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	6	Projectile	W to E	N/K	23-Nov, 20:07
	3-5km NNE	Recorded	2	Explosion	Undetermined	N/K	23-Nov, 20:20
	3-5km N	Recorded	2	Projectile	W to E	N/K	23-Nov, 20:39
	3-5km N	Recorded	1	Projectile	W to E	N/K	23-Nov, 20:41
	3-5km N	Recorded	4	Projectile	W to E	N/K	23-Nov, 20:42
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	23-Nov, 20:52
	3-5km N	Recorded	1	Projectile	W to E	N/K	23-Nov, 20:52
	3-5km N	Recorded	3	Projectile	W to E	N/K	23-Nov, 20:53
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	23-Nov, 20:53
	3-5km N	Recorded	2	Projectile	W to E	N/K	23-Nov, 20:53
	3-5km N	Recorded	2	Explosion	Impact (subsequent to previous event)	N/K	23-Nov, 20:53
	2-4km N	Recorded	2	Projectile	W to E	N/K	23-Nov, 22:06
	2-4km N	Recorded	2	Projectile	WSW to ENE	N/K	23-Nov, 22:06
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	23-Nov, 23:10
	2-4km NNE	Recorded	1	Projectile	In vertical flight	N/K	23-Nov, 23:11
	2-4km NNE	Recorded	1	Explosion	Airburst (subsequent to previous event)	N/K	23-Nov, 23:11
	2-4km N	Recorded	1	Illumination flare	In vertical flight	N/K	24-Nov, 01:19
	2-4km NNE	Recorded	18	Projectile	W to E	N/K	24-Nov, 01:19
	2-4km NNE	Recorded	12	Projectile	W to E	N/K	24-Nov, 01:20
	2-4km NNE	Recorded	3	Projectile	W to E	N/K	24-Nov, 01:21
	2-4km NNE	Recorded	18	Projectile	W to E	N/K	24-Nov, 01:43
	2-4km NNE	Recorded	2	Projectile	W to E	N/K	24-Nov, 02:12
	2-4km NNE	Recorded	5	Projectile	W to E	N/K	24-Nov, 02:13
	2-4km NNE	Recorded	3	Projectile	W to E	N/K	24-Nov, 02:15
	2-4km NNE	Recorded	3	Projectile	W to E	N/K	24-Nov, 02:17
	2-4km NNE	Recorded	4	Projectile	W to E	N/K	24-Nov, 02:18
	2-4km NNE	Recorded	4	Projectile	WSW to ENE	N/K	24-Nov, 02:18
	3-5km NNE	Recorded	24	Projectile	W to E	N/K	24-Nov, 06:06
	3-5km NNE	Recorded	28	Projectile	W to E	N/K	24-Nov, 06:08
	5-7km NNW	Recorded	17	Projectile	In vertical flight	N/K	24-Nov, 17:17
	5-7km N	Recorded	9	Projectile	In vertical flight	N/K	24-Nov, 17:17
	3-5km NNW	Recorded	1	Projectile	W to E	N/K	24-Nov, 17:18
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	24-Nov, 17:18
	4-6km N	Recorded	3	Projectile	In vertical flight	N/K	24-Nov, 17:18
	5-7km NNW	Recorded	17	Projectile	In vertical flight	N/K	24-Nov, 17:18
5-7km NNW	Recorded	7	Projectile	In vertical flight	N/K	24-Nov, 17:19	
5-7km NNE	Recorded	3	Projectile	In vertical flight	N/K	24-Nov, 17:26	
3-5km N	Recorded	1	Projectile	SW to NE	N/K	24-Nov, 17:29	
3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	24-Nov, 17:43	
3-5km NNE	Recorded	1	Muzzle flash		N/K	24-Nov, 18:06	
3-5km NNE	Recorded	1	Projectile	E to W (subsequent to previous event)	N/K	24-Nov, 18:06	
3-5km NNE	Recorded	1	Explosion	Airburst (subsequent to previous event)	N/K	24-Nov, 18:06	
3-5km NNE	Recorded	1	Projectile	SE to NW	N/K	24-Nov, 18:39	
3-5km N	Recorded	3	Explosion	Undetermined	N/K	24-Nov, 18:44	
About 2 km SSE of Kamianka (government-controlled, 20km N of Donetsk)	3-4km W	Heard	7	Explosion	Undetermined	N/K	24-Nov, 09:15-09:17
	4-5km SSW	Heard	5	Explosion	Undetermined	N/K	24-Nov, 09:32-09:35
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	3-4km W	Heard	12	Explosion	Undetermined	N/K	24-Nov, 09:56
	3-4km W	Heard	10	Explosion	Undetermined	N/K	24-Nov, 10:38
	3-4km NW	Heard	9	Explosion	Undetermined	N/K	24-Nov, 13:09
Krasnohorivka (government-controlled, 24km N of Donetsk)	3-5km NW	Heard	7	Explosion	Undetermined	N/K	24-Nov, 11:15-11:17
About 2km S of Avdiivka (government-controlled, 17km N of Donetsk)	4-5km SSW	Heard	4	Explosion	Undetermined	N/K	24-Nov, 12:14-12:19
	2-3km SSE	Heard	7	Burst		HMG	24-Nov, 12:24
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	7	Explosion	Undetermined	N/K	24-Nov, 09:35-09:43
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	24-Nov, 12:45
	1-2km SW	Heard	6	Explosion	Outgoing	N/K	24-Nov, 13:03

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	1-2km SW	Heard	2	Explosion	Outgoing	N/K	24-Nov, 13:06
	2-3km SW	Heard	11	Explosion	Outgoing	N/K	24-Nov, 13:10-13:25
	5-6km W	Heard	2	Explosion	Undetermined	N/K	24-Nov, 13:12
Vasylivka (non-government-controlled, 20km N of Donetsk)	5-7km W	Heard	5	Explosion	Undetermined	N/K	24-Nov, 10:40-10:42
	2-3km W	Heard	2	Explosion	Undetermined	N/K	24-Nov, 10:40-10:42
About 800m ENE of Zhabunki (non-government-controlled, 9km NW of Donetsk city centre)	5-6km NW	Heard	14	Explosion	Undetermined	N/K	24-Nov, 09:30-09:35
	5-6km NW	Heard	8	Explosion	Undetermined	N/K	24-Nov, 09:56
	5-6km NW	Heard	8	Explosion	Undetermined	N/K	24-Nov, 10:38
	5-6km NW	Heard	2	Explosion	Undetermined	N/K	24-Nov, 12:15-12:17
	5-6km NW	Heard	1	Explosion	Undetermined	N/K	24-Nov, 12:24
About 3km WSW of Donetsk central railway station (non-government-controlled, 6km NW of Donetsk)	5-6km SSW	Heard	1	Explosion	Undetermined	N/K	24-Nov, 13:00-13:13
	5-7km NE	Heard	7	Explosion	Undetermined	N/K	24-Nov, 13:00-13:13
	5-7km NW	Heard	2	Explosion	Undetermined	N/K	24-Nov, 13:00-13:13
	3km NE	Heard	4	Shot		Small arms	24-Nov, 13:00-13:13
	3km NE	Heard	8	Burst		HMG	24-Nov, 13:00-13:13
Zhabunki (non-government-controlled, 9km NW of Donetsk city centre)	3-4km NE	Heard	3	Explosion	Undetermined	N/K	24-Nov, 12:10-12:11
About 7km NNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km SW	Heard	2	Explosion	Undetermined	N/K	24-Nov, 12:02
	2-3km NW	Heard	2	Explosion	Undetermined	N/K	24-Nov, 12:43
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	24-Nov, 13:43
	3-4km S	Heard	1	Explosion	Undetermined	N/K	24-Nov, 14:01
	3-4km S	Heard	2	Explosion	Undetermined	N/K	24-Nov, 14:05
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	24-Nov, 14:07
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	24-Nov, 14:11
	2-3km S	Heard	2	Explosion	Undetermined	N/K	24-Nov, 14:15
	2-3km S	Heard	1	Explosion	Undetermined	N/K	24-Nov, 14:27
	2-3km NW	Heard	2	Explosion	Undetermined	N/K	24-Nov, 14:31
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	8-10km SW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-Nov, 11:10
Petrivske (non-government-controlled, 41km S of Donetsk)	5km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-Nov, 11:45
	3-4km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-Nov, 11:47
	5km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	24-Nov, 11:52
About 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	4-5km SE	Heard	26	Burst	Assessed as outside the disengagement area near Petrivske	HMG	24-Nov, 10:55-11:15
	4-5km SE	Heard	5	Shot	Assessed as outside the disengagement area near Petrivske	HMG	24-Nov, 10:55-11:15
	5-7km NNE	Heard	8	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	24-Nov, 11:53-12:00
About 1.5km NW of Hranitne (government-controlled, 60km S of Donetsk)	5-7km N	Heard	1	Explosion	Undetermined	N/K	24-Nov, 11:09-11:12
	5-7km N	Heard	8	Burst		HMG	24-Nov, 11:09-11:12
	3-5km N	Heard	1	Explosion	Undetermined	N/K	24-Nov, 11:52
	3-5km N	Heard	8	Burst		Small arms	24-Nov, 11:52
About 800m E of Talakivka (government-controlled, 90km S of Donetsk)	3-4km E	Heard	1	Explosion	Undetermined	N/K	24-Nov, 10:34
Pavlopil (government-controlled, 84km S of Donetsk)	2-3km NE	Heard	11	Burst		HMG	24-Nov, 12:15-12:23
	2-3km NE	Heard	15	Burst		Small arms	24-Nov, 12:15-12:23
	2-3km NE	Heard	20	Shot		Small arms	24-Nov, 12:15-12:23
	3-4km NNE	Heard	1	Explosion	Undetermined	N/K	24-Nov, 12:32
About 2.5km SE of Lebedynske (government-controlled, 99km S of Donetsk)	2-3km ESE	Heard	8	Burst		HMG	24-Nov, 12:15-12:25
	2-3km ESE	Heard	8	Burst		Small arms	24-Nov, 12:15-12:25
NW edge of Almazna (non-government-controlled, 55km west of Luhansk)	1km NW	Heard and saw	1	Explosion	Impact	N/K	24-Nov, 08:57
	1.1km NW	Heard and saw	1	Explosion	Impact	N/K	24-Nov, 09:14
	3-5km N	Heard	1	Explosion	Undetermined	N/K	24-Nov, 10:01

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SE edge of Holubivske (non-government-controlled, 51km west of Luhansk)	3-5km N	Heard	5	Shot		HMG	24-Nov, 10:07
	5-8km N	Heard	7	Burst		HMG	24-Nov, 10:07
	6-8km N	Heard	1	Explosion	Undetermined	N/K	24-Nov, 10:09
	6-8km NNE	Heard	10	Shot		HMG	24-Nov, 10:14
	3-5km NNE	Heard	8	Shot		Small arms	24-Nov, 10:16-10:17
NW edge of Almazna (non-government-controlled, 55km west of Luhansk)	1.1km NW	Heard and saw	1	Explosion	Impact	N/K	24-Nov, 10:40

Map of Donetsk and Luhansk regions⁹



⁹ 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).