

Daily Report 128/2020

30 May 2020¹

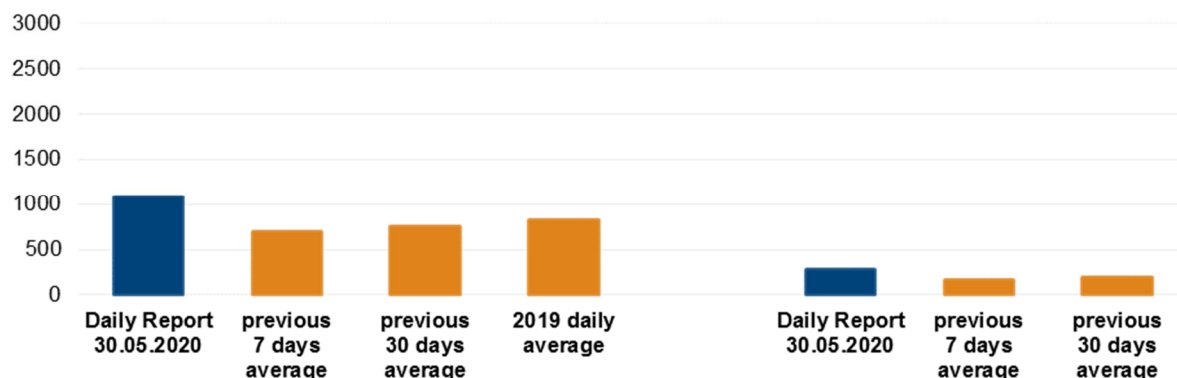
Summary

- Compared with the previous reporting period, the Mission recorded more ceasefire violations in Donetsk region and fewer in Luhansk region.
- Explosion occurred close to SMM patrol near Molodizhne, Luhansk region
- The SMM saw damage from small-arms fire to a residential house in Avdiivka, Donetsk region.
- Members of the armed formations continued to deny the Mission passage at a checkpoint along official crossing routes in Luhansk region.*
- The Mission continued monitoring all three disengagement areas. Inside the disengagement area near Petrivske, it recorded ceasefire violations and during evening hours observed persons near former positions of the Ukrainian Armed Forces and of the armed formations.
- The Mission continued following up on measures taken amid the COVID-19 outbreak, including at entry-exit checkpoints and checkpoints in Donetsk and Luhansk regions.
- The SMM facilitated vegetation clearance near Vilkhove and electrical repairs near Orikhove, both in Luhansk region.

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



¹ Based on information from the Monitoring Teams as of 19:30, 29 May 2020. All times are in Eastern European Summer Time.

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

³ Including explosions.

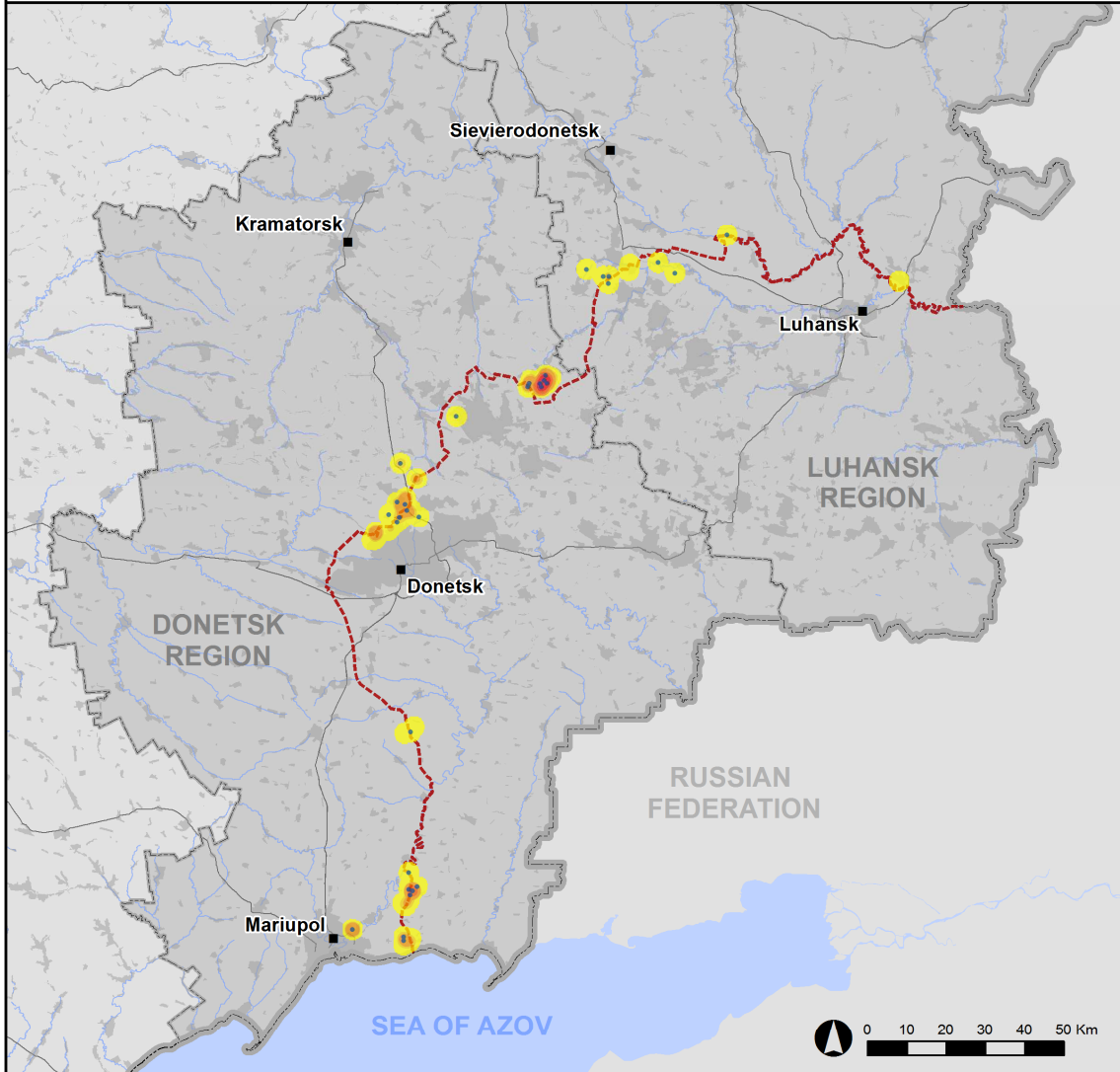
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

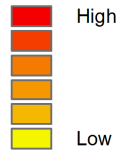


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 29 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.

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Created: 30/05/2020

In Donetsk region, the SMM recorded more ceasefire violations, including more explosions (about 255), compared with the [previous reporting period](#) (about 45 explosions). About 85 per cent of ceasefire violations, including the majority of explosions, were recorded in areas south-east and south-south-west of Svitlodarsk (government-controlled, 57km north-east of Donetsk), at south-easterly directions of Hnutove (government-controlled, 90km south of Donetsk) and in areas south of the Donetsk Filtration Station (DFS) (15km north of Donetsk) (see below).

In Luhansk region, the SMM recorded fewer ceasefire violations, including fewer explosions (about 20), compared with the [previous reporting period](#) (about 55 explosions). Almost all ceasefire violations, including almost all explosions, were recorded in areas south-south-west and west of the disengagement area near Zolote (government-controlled, 60km west of Luhansk).

Explosion close to SMM patrol near Molodizhne, Luhansk region

On 29 May, while positioned at a checkpoint of the armed formations about 1.7km south-west of Molodizhne (non-government-controlled, 63km west of Luhansk), an SMM patrol comprising five members and two vehicles heard an undetermined explosion at an assessed distance of 100m south-south-west. Subsequently, an SMM patrol member who was standing outside his vehicle felt a shockwave, while members of the armed formations took cover. The SMM immediately left the area (see [SMM Spot Report 28/2020](#)).*

Damage from small-arms fire to a residential house in Avdiivka, Donetsk region

On 29 May, in the south-eastern part of Avdiivka (government-controlled, 17 km north of Donetsk), at an inhabited one-storey residential house at 154 Chervona Street, the SMM saw a bullet hole in an east-facing window, assessed as fresh and caused by small-arms fire. The building's owner (woman in her seventies) told the SMM that the damage had been caused either on 27 or on 28 May when she was at home.

Members of the armed formations continued to deny the SMM passage at checkpoints along the contact line

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

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 non-government-controlled areas, referring to the closure of the checkpoint due to COVID-19 (see [SMM Spot Report 27/2020](#)).*

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁶

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.

On the night between 28 and 29 May, the SMM camera in Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk) recorded a projectile in flight at an assessed range of 2-4km north-north-west, assessed as outside the **disengagement area near Stanytsia Luhanska** but within 5km of its periphery.

On 29 May, while positioned inside the disengagement area near Stanytsia Luhanska, 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 night between 28 and 29 May, the SMM camera in Zolote (government-controlled, 60km west of Luhansk) recorded five projectiles and two bursts in flight at an assessed range of 3-5km east and east-south-east and assessed as outside the **disengagement area near Zolote** but within 5km of its periphery.

On 29 May, while positioned at two locations near the disengagement area, the SMM heard eight undetermined explosions (unable to be assessed as inside or outside the disengagement area), as well as two undetermined explosions and an impact (see above), assessed as outside the disengagement area but within 5km of its periphery. During the same day, the Mission saw six members of the armed formations (wearing armbands with “JCCC” written on them) near the southern edge of the disengagement area, three of whom walked inside the area along road T-1316 up to about 350m north of its southern edge.

On 29 May, while positioned on the southern edge of the disengagement area near Zolote, the SMM observed a non-SMM unmanned aerial vehicle (UAV) (black, fixed-wing type) flying along the southern edge of the disengagement area near Zolote.

On the evening of 28 May, inside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM long-range UAV spotted two persons near former positions of the Ukrainian Armed Forces, about 700m south of the area’s northern edge and about 2km east of the area’s western edge. The same UAV spotted one person near former positions of the armed formations close to the area’s south-eastern corner.

On the night between 28 and 29 May, the SMM camera near Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded an undetermined explosion and three projectiles in flight at an assessed range of 2-4km east-south-east and south-east and assessed as inside the disengagement area near Petrivske.

On 29 May, while positioned about 2km east of Bohdanivka, the SMM heard three bursts of heavy-machine-gun fire at an assessed range of 3-4km south-south-east and 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. On 23 May, in violation of withdrawal lines, an SMM mini-UAV spotted three multiple launch rocket systems in a training area near Ternove (non-government-controlled, 57km east of Donetsk).

Beyond withdrawal lines but outside designated storage sites, the Mission saw 37 weapons in government-controlled areas of Donetsk region, including self-propelled howitzers, surface-to-air missile systems and tanks. Most of these weapons were observed at railway stations (for further details, see the tables below).

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

The SMM observed probable armoured combat vehicles and an infantry fighting vehicle in the security zone in residential areas in government-controlled areas of Donetsk region (for further details, see the table below).

At a railway station near Zachativka (government-controlled, 74km south-west of Donetsk), the SMM saw an electronic warfare system (*Bukovel-AD*) (for weapons and other hardware observed in the area, see table below) (for previous observation see [SMM Daily Report of 29 May 2020](#)).

SMM facilitation of repairs to and operation of critical civilian infrastructure and of demining

The SMM facilitated and monitored adherence to localised ceasefires to enable vegetation clearance, inspection and maintenance of railway tracks near Vilkhove (government-controlled, 22km north-east of Luhansk) and electrical repairs near Orikhove (non-government-controlled, 57km north-west of Luhansk).

The SMM monitored adherence to the ceasefire in order to enable a transfer of funds from non-government- to government-controlled areas in Luhansk region, reportedly related to water payments.*

The SMM continued to facilitate the operation of the DFS. While positioned at four locations near the station, the Mission heard about 15 undetermined explosions as well as shots and bursts of heavy-machine-gun and small-arms fire, all assessed as within a 5km radius of the DFS.

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 the corresponding checkpoint of the armed formations near Olenivka 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.*

Peaceful gathering in Dnipro

On 29 May, in the center of Dnipro, the SMM monitored a gathering of about 100 people (mixed genders and ages), including members of movements such as Right Sector, Svoboda and Democratic Axe, during which it saw participants raise a red-black flag on a flagpole.

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

The Mission saw police officers onsite securing the gathering, which ended without incidents.

The Mission continued monitoring in Chernivtsi, Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv 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, see [SMM Daily Report of 27 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 south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), a member of the armed formations again denied the SMM passage towards non-government-controlled areas, referring to the closure of the checkpoint due to COVID-19 (see [SMM Spot Report 27/2020](#)).

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 Olenivka (non-government-controlled, 23km south-west of Donetsk), two armed members of the armed formations delayed an SMM patrol from passing towards government-controlled areas, stating that the SMM needed special permission from those in control. After about four hours and 30 minutes of waiting, the SMM was allowed to proceed to the most forward checkpoint of the armed formations near Olenivka, from where two SMM members walked towards government-controlled areas.

Conditional access:

- At the above-mentioned checkpoint near Olenivka, on two occasions, members of the armed formations allowed the same previously delayed SMM patrol to proceed - the first time towards government-controlled areas and the second time towards

non-government-controlled areas - only upon inspecting the trailer of both SMM vehicles

Other impediments:

- On 28 May, an SMM long-range UAV experienced signal interference, assessed as caused by probable jamming, while flying over areas between Marinka (government-controlled, 23km south-west of Donetsk) and Petrivske (non-government-controlled, 41km south of Donetsk) and between Volodymyrivka (government-controlled, 43km south-west of Donetsk) and Kurakhove (government-controlled, 40km west of Donetsk).⁸
- On 29 May, an SMM mini-UAV experienced signal interference on two occasions, assessed as caused by probable jamming, while flying over non-government-controlled-areas about 3km south-east of the bridge in Shchastia (government-controlled, 20km north of Luhansk) (see above on facilitation of a transfer of funds).

⁸ The interference could have originated from anywhere within the radius of kilometres from the UAVs' positions.

Table of weapons

Weapons in violation of the withdrawal lines

Date	No. of weapons	Type of weapons	Location	Source of observation
Non-government-controlled areas				
23/05/2020	3	Multiple launch rocket systems (9K51, BM-21 <i>Grad</i> , 122mm)	In a training area near Ternove (57km east of Donetsk) (for previous observations, see SMM Daily Report 25 May)	Mini-UAV

Weapons beyond the withdrawal lines but outside designated storage areas

Date	No. of weapons	Type of weapons	Location	Source of observation
Government-controlled areas				
28/05/2020	1	Surface-to-air missile system (9K33 <i>Osa</i>)	Near Kalynove (35km north of Donetsk)	Long-range UAV
	6	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	At a railway station in Zachativka (74km south-west of Donetsk)	Patrol
	1	Surface-to-air missile system (9K37M1)		
	13	Tank (seven T-72 and six probable T-64)		
29/05/2020	6	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	At the railway station in Zachativka (74km south-west of Donetsk)	Patrol
	9	Surface-to-air missile system (six 9K35 <i>Strela-10</i> , one 9A317 TELAR and one 9A316)	<i>At the same railway station, the SMM also saw seven armoured personnel carriers (MT-LB), 21 infantry fighting vehicles (BMP-1), two mine layers (GMZ-3), two self-propelled anti-aircraft systems (2A6, ZSU-23-4 Shilka, 23mm), an electronic warfare system (Bukovel-AD), as well as nine heavy equipment transporter trailers.</i> ⁹ (for previous observations, see SMM Daily Report 29 May 2020)	
	1	Surface-to-air missile system (9K35 <i>Strela-10</i>)	Near Krasna Poliana (73km south-west of Donetsk)	
Non-government-controlled areas				
19/05/2020	27	Tank (23 T-72B and four T-64M/T-64BM)	In a training area near Ternove (57km east of Donetsk) (for previous observations, see SMM Daily Report 25 May) ¹⁰	Mini-UAV
23/05/2020	35	Tank (29 T-72, six T-64)		
	3	Surface-to-air missile systems (9K35 <i>Strela-10</i>)		

Table of military and military-type presence in the security zone¹¹

Date	No.	Type	Location	Source of observation
Government-controlled areas				

⁹ The armoured combat vehicles and military vehicles mentioned in this section are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

¹⁰ At the same training area, on 23 May, an SMM patrol spotted 18 tanks (type undetermined). The Mission was not able to determine if these tanks were the same as the ones reported in the table as observed by the Mini-UAV.

¹¹ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

28/05/2020	2	Probable armoured combat vehicle	In a residential area in Heorhiievka (27km south-west of Donetsk)	Long-range UAV
29/05/2020	2	Infantry fighting vehicle (BMP-2)	In a residential area in Bohdanivka (41km south-west of Donetsk)	Patrol

Table of ceasefire violations as of 29 May 2020¹²

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	1-3km SE	Recorded	2	Projectile	WSW to ENE	N/K	28-May, 21:32
	1-3km SE	Recorded	1	Projectile	N to S	N/K	28-May, 21:56
	1-3km SE	Recorded	1	Projectile	N to S	N/K	28-May, 21:57
	1-3km SE	Recorded	1	Projectile	N to S	N/K	28-May, 22:01
	1-3km SE	Recorded	1	Projectile	N to S	N/K	28-May, 23:44
	1-3km ESE	Recorded	1	Projectile	N to S	N/K	28-May, 23:50
	1-3km ESE	Recorded	1	Projectile	N to S	N/K	29-May, 00:17
	1-3km ESE	Recorded	4	Projectile	N to S	N/K	29-May, 00:23
	1-3km ESE	Recorded	3	Projectile	NW to SE	N/K	29-May, 00:23
	1-3km ESE	Recorded	2	Projectile	NNW to SSE	N/K	29-May, 00:24
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-4km ESE	Recorded	3	Projectile	NNE to SSW (assessed as inside the Petrivske disengagement area)	N/K	28-May, 22:53
	2-4km SE	Recorded	1	Explosion	Undetermined (assessed as inside the Petrivske disengagement area)	N/K	28-May, 22:53
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	3-5km SSW	Recorded	1	Projectile	In a vertical flight	N/K	28-May, 22:59
	2-4km S	Recorded	2	Projectile	WNW to ESE	N/K	28-May, 23:26
	1-3km S	Recorded	1	Projectile	WNW to ESE	N/K	29-May, 00:18
	1-3km S	Recorded	1	Projectile	WNW to ESE	N/K	29-May, 00:21
	1-3km S	Recorded	3	Projectile	WNW to ESE	N/K	29-May, 02:05
	1-3km SSW	Recorded	2	Projectile	NW to SE		29-May, 02:06
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km E	Recorded	2	Explosion	Undetermined	N/K	28-May, 21:54
	3-5km E	Recorded	2	Projectile	In a vertical flight	N/K	28-May, 21:57
	3-5km E	Recorded	3	Projectile	In a vertical flight	N/K	28-May, 22:13
	3-5km SE	Recorded	4	Projectile	NNE to SSW	N/K	28-May, 22:32
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	28-May, 22:34
	2-4km SE	Recorded	4	Projectile	In a vertical flight	N/K	28-May, 23:19
	3-5km SE	Recorded	2	Projectile	In a vertical flight	N/K	28-May, 23:25
	3-5km ESE	Recorded	11	Projectile	SSW to NNE	N/K	29-May, 02:33
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	2-4km ESE	Recorded	1	Projectile	N to S	N/K	28-May, 20:56
	2-4km ESE	Recorded	2	Projectile	N to S	N/K	28-May, 20:57
	2-4km ESE	Recorded	5	Projectile	N to S	N/K	28-May, 20:58
	2-4km ESE	Recorded	6	Projectile	N to S	N/K	28-May, 20:59
	2-4km ESE	Recorded	4	Projectile	N to S	N/K	28-May, 21:00
	2-4km ESE	Recorded	4	Projectile	N to S	N/K	28-May, 21:01
	2-4km ESE	Recorded	2	Projectile	WNW to ESE	N/K	28-May, 21:01
	2-4km ESE	Recorded	4	Projectile	NNW to SSE	N/K	28-May, 21:03
	2-4km E	Recorded	2	Projectile	SW to NE	N/K	28-May, 21:04

¹² 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.

	2-4km ESE	Recorded	1	Illumination flare	WSW to ENE	N/K	28-May, 21:05	
	2-4km ESE	Recorded	8	Projectile	NNW to SSE	N/K	28-May, 21:06	
	2-4km ESE	Recorded	5	Projectile	N to S	N/K	28-May, 21:07	
	2-4km ESE	Recorded	2	Projectile	WSW to ENE	N/K	28-May, 21:07	
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	28-May, 21:10	
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	28-May, 21:11	
	2-4km ESE	Recorded	4	Projectile	WNW to ESE	N/K	28-May, 21:11	
	2-4km ESE	Recorded	1	Projectile	SW to NE	N/K	28-May, 21:12	
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	28-May, 21:12	
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	28-May, 21:16	
	2-4km ESE	Recorded	1	Explosion	Impact (subsequent to the previous event)	N/K	28-May, 21:16	
	2-4km ESE	Recorded	12	Projectile	N to S	N/K	28-May, 21:18	
	2-4km ESE	Recorded	28	Projectile	In a vertical flight	N/K	28-May, 21:18	
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	28-May, 21:19	
	2-4km ESE	Recorded	1	Muzzle flash		N/K	28-May, 21:20	
	2-4km ESE	Recorded	3	Projectile	WNW to ESE	N/K	28-May, 21:20	
	2-4km ESE	Recorded	2	Projectile	N to S	N/K	28-May, 21:21	
	2-4km ESE	Recorded	11	Projectile	In a vertical flight	N/K	28-May, 21:23	
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	28-May, 21:27	
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	28-May, 21:30	
	3-5km E	Recorded	2	Explosion	Undetermined	N/K	28-May, 21:31	
	1-3km E	Recorded	3	Projectile	NNW to SSE	N/K	28-May, 22:50	
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-3km WSW	Recorded	1	Projectile	SE to NW	N/K	28-May, 22:05	
	1-3km WSW	Recorded	1	Projectile	ESE to WNW	N/K	28-May, 22:07	
	1-3km WNW	Recorded	13	Projectile	S to N	N/K	28-May, 22:07	
	1-3km WNW	Recorded	2	Projectile	N to S	N/K	28-May, 22:07	
	1-3km WNW	Recorded	3	Projectile	In a vertical flight	N/K	28-May, 22:08	
	1-3km WNW	Recorded	10	Projectile	S to N	N/K	28-May, 22:08	
	1-3km WSW	Recorded	1	Projectile	ESE to WNW	N/K	28-May, 22:08	
	1-3km WNW	Recorded	1	Projectile	ENE to WSW	N/K	28-May, 22:08	
	1-3km WNW	Recorded	1	Projectile	N to S	N/K	28-May, 22:08	
	1-3km WNW	Recorded	3	Projectile	NNE to SSW	N/K	28-May, 22:29	
	1-3km WNW	Recorded	2	Projectile	NNE to SSW	N/K	28-May, 22:30	
	2-4km WSW	Recorded	1	Projectile	NNE to SSW	N/K	28-May, 23:29	
	2-4km WSW	Recorded	1	Projectile	NNE to SSW	N/K	28-May, 23:33	
	1-3km WNW	Recorded	2	Projectile	NNE to SSW	N/K	28-May, 23:55	
	1-3km WNW	Recorded	8	Projectile	N to S	N/K	29-May, 01:02	
	1-3km WSW	Recorded	2	Projectile	NNE to SSW	N/K	29-May, 02:38	
	2-4km NE	Recorded	2	Projectile	NW to SE	N/K	28-May, 22:26	
	2-4km NE	Recorded	4	Projectile	NW to SE	N/K	28-May, 22:56	
	1-3km NE	Recorded	3	Projectile	NW to SE	N/K	28-May, 23:02	
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	29-May, 00:25	
	SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-4km N	Recorded	4	Projectile	E to W	N/K	28-May, 22:02
		4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-May, 22:09
		4-6km N	Recorded	9	Projectile	E to W	N/K	28-May, 22:12
4-6km NNE		Recorded	3	Projectile	E to W	N/K	28-May, 22:23	
4-6km N		Recorded	2	Projectile	E to W	N/K	28-May, 22:40	
3-5km N		Recorded	2	Projectile	E to W	N/K	28-May, 22:41	
3-5km N		Recorded	1	Explosion	Undetermined	N/K	28-May, 22:43	
3-5km N		Recorded	2	Projectile	In a vertical flight	N/K	28-May, 22:43	
3-5km N		Recorded	5	Projectile	E to W	N/K	28-May, 22:44	
3-5km NNE		Recorded	7	Projectile	E to W	N/K	28-May, 23:26	
3-5km N		Recorded	1	Muzzle flash		N/K	29-May, 00:29	

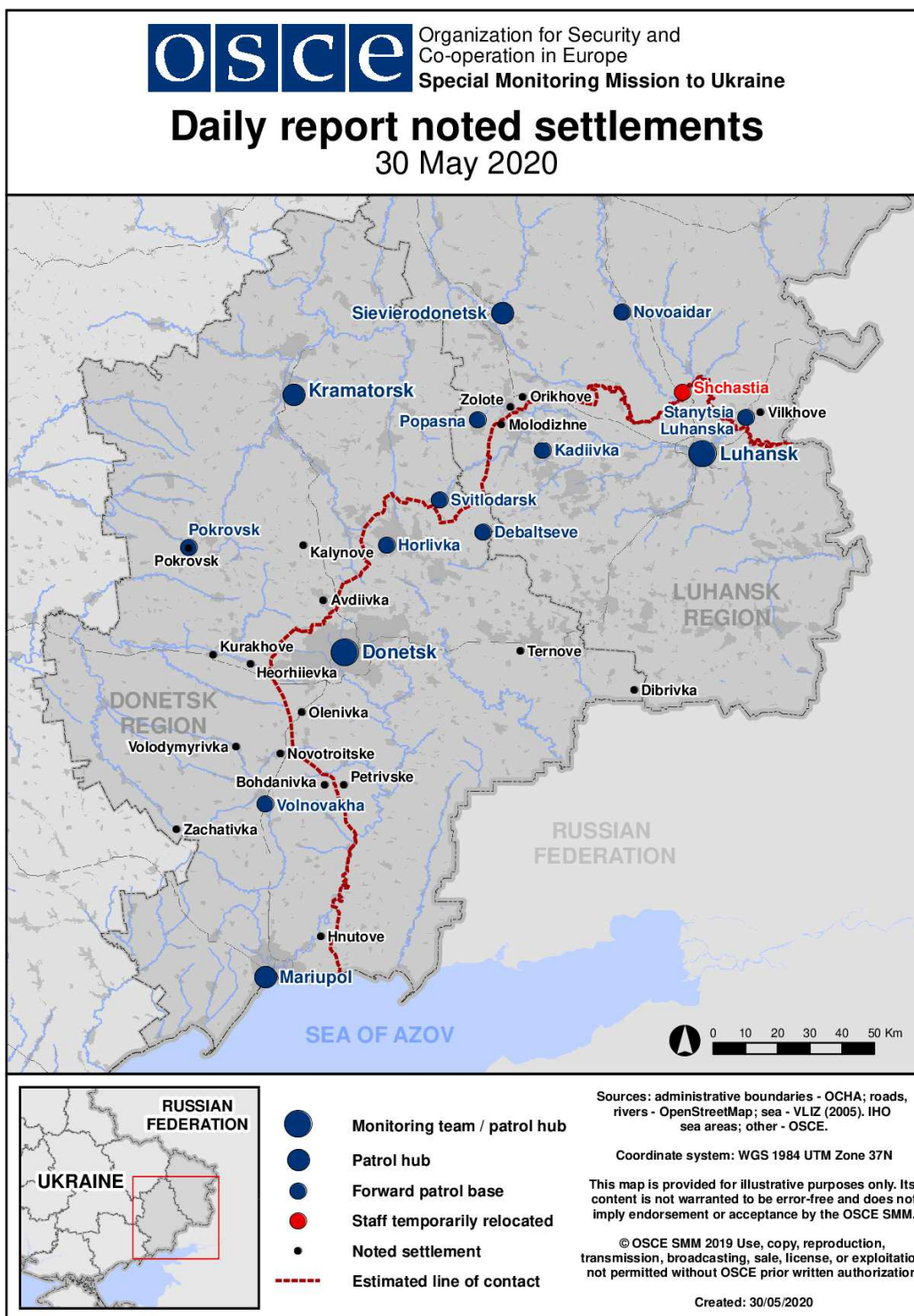
	3-5km N	Recorded	1	Projectile	W to E (subsequent to the previous event)	N/K	29-May, 00:29
	3-5km NNE	Recorded	6	Projectile	E to W	N/K	29-May, 00:30
	3-5km NNE	Recorded	2	Projectile	E to W	N/K	29-May, 00:31
About 1km NW of the railway station in Yasynuvata (non- government- controlled, 16km NE of Donetsk)	3-4km S	Heard	3	Explosion	Undetermined	N/K	29-May, 14:06- 14:08
	3-4km SW	Heard	6	Burst		HMG	29-May, 14:07- 14:08
	3-4km SW	Heard	8	Shot		Small arms	29-May, 14:07- 14:08
About 2km S of Avdiivka (government- controlled, 17km N of Donetsk)	3-4km E	Heard	2	Explosion	Undetermined	N/K	29-May, 11:42
SE part of Avdiivka (government- controlled, 17km N of Donetsk)	2km SE	Heard	3	Shot		Small arms	29-May, 13:05
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	29-May, 13:40
	1-2km SE	Heard	6	Shot		Small arms	29-May, 13:40
	1-2km SE	Heard	11	Shot		Small arms	29-May, 13:43
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	29-May, 13:44
	3-4km S	Heard	9	Burst		Small arms	29-May, 14:03
	3-4km S	Heard	3	Explosion	Undetermined	N/K	29-May, 14:03
	1-2km SE	Heard	4	Burst		HMG	29-May, 14:08
	3-4km S	Heard	1	Explosion	Undetermined	N/K	29-May, 14:06
	1-2km SE	Heard	6	Burst		HMG	29-May, 14:06
	3-4km S	Heard	1	Explosion	Undetermined	N/K	29-May, 14:06
About 2km NE of Chernenko (government- controlled, 86km S of Donetsk)	3-5km ENE	Heard	1	Explosion	Undetermined	N/K	29-May, 10:35
Pavlopil (government- controlled, 84km S of Donetsk)	3-5km ENE	Heard	1	Explosion	Undetermined	N/K	29-May, 11:03
About 2km E of Bohdanivka (government- controlled, 41km SW of Donetsk)	3-4km SSE	Heard	3	Burst	Assessed as outside the Petrivske disengagement area	HMG	29-May, 10:45- 10:46
Mariupol (government- controlled, 102km S of Donetsk)	8-15km NE	Heard	56	Explosion	Undetermined	N/K	28-May, 18:30- 19:20
Krasnohorivka (government- controlled, 24km N of Donetsk)	3-4km ENE	Heard	10	Burst		HMG	29-May, 11:35- 11:42
	3-4km ENE	Heard	2	Explosion	Undetermined	N/K	29-May, 11:35- 11:42
About 500m NE of	3km ENE	Heard	10	Burst		HMG	29-May, 11:58- 12:02

Kamianka (government-controlled, 20km N of Donetsk)	5-6km SSW	Heard	10	Explosion	Undetermined	N/K	29-May, 12:03-12:10
	3km ENE	Heard	7	Burst		Small arms	29-May, 12:15-12:20
	4km S	Heard	30	Burst		HMG	29-May, 14:03-14:07
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km ESE	Heard	20	Burst		HMG	28-May, 19:19
	4-5km SSE	Heard	10	Explosion	Undetermined	N/K	28-May, 19:22
	4-5km SSE	Heard	15	Burst		HMG	28-May, 19:27
	4-5km SSE	Heard	5	Burst		HMG	28-May, 19:30
	4-5km SSE	Heard	25	Burst		HMG	28-May, 19:34
	4-5km SSE	Heard	7	Explosion	Undetermined	N/K	28-May, 19:37
	3-4km SE	Heard	15	Burst		HMG	28-May, 20:00
	3-4km SE	Heard	4	Explosion	Undetermined	N/K	28-May, 20:00
	3-4km SE	Heard	20	Burst		HMG	28-May, 20:02
	3-4km SE	Heard	10	Explosion	Undetermined	N/K	28-May, 20:02
	3-4km SE	Heard	5	Burst		HMG	28-May, 20:09
	3-4km SSW	Heard	2	Burst		HMG	28-May, 20:10
	4-5km SSW	Heard	7	Explosion	Undetermined	N/K	28-May, 20:13
	4-5km SSW	Heard	2	Explosion	Undetermined	N/K	28-May, 20:17
	4-5km SSW	Heard	2	Explosion	Undetermined	N/K	28-May, 20:19
	4-5km SE	Heard	25	Burst		HMG	28-May, 20:23
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	28-May, 20:23
	3-4km SSE	Heard	5	Burst		HMG	28-May, 20:31
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	28-May, 20:31
	3-4km SSE	Heard	5	Burst		HMG	28-May, 20:45
	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	28-May, 20:47
	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	28-May, 20:49
	3-5km SSW	Heard	2	Explosion	Undetermined	N/K	28-May, 21:00
	3-5km SSW	Heard	2	Explosion	Undetermined	N/K	28-May, 21:00
	3-5km SSW	Heard	2	Explosion	Undetermined	N/K	28-May, 21:07
	3-5km SSW	Heard	2	Explosion	Undetermined	N/K	28-May, 21:07
	4-5km SE	Heard	20	Burst		HMG	28-May, 22:30
	4-5km SE	Heard	10	Explosion	Undetermined	N/K	28-May, 22:35
	2-3km SSW	Heard	10	Burst		IFV (type N/K)	28-May, 22:50
	2-3km SSW	Heard	5	Burst		IFV (type N/K)	28-May, 22:52
	3-4km SSW	Heard	1	Explosion	Undetermined	N/K	28-May, 22:53
	3-4km SSW	Heard	1	Explosion	Undetermined	N/K	28-May, 22:55
	3-4km SSW	Heard	12	Burst		IFV (type N/K)	28-May, 23:10
	3-4km SSW	Heard	10	Burst		IFV (type N/K)	28-May, 23:15
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	28-May, 23:40
	3-4km SSE	Heard	3	Explosion	Undetermined	N/K	28-May, 23:45
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	28-May, 23:50
	3-4km SSE	Heard	5	Explosion	Undetermined	N/K	28-May, 23:59
	3-4km SE	Heard	250	Burst		HMG	29-May, 07:15-07:30
	3-4km SE	Heard	50	Burst		HMG	29-May, 07:40-07:49
3-4km SE	Heard	10	Explosion	Undetermined	N/K	29-May, 07:40-07:49	
4-5km SSE	Heard	120	Burst		HMG	29-May, 16:35-16:45	
4-5km SSE	Heard	20	Explosion	Undetermined	N/K	29-May, 16:35-16:45	

	4-5km SSE	Heard	50	Burst		HMG	29-May, 16:50-17:00
	4-5km SSE	Heard	10	Explosion	Undetermined	N/K	29-May, 16:50-17:00
	4-5km SSE	Heard	20	Burst		HMG	29-May, 17:09-17:11
	4-5km SSE	Heard	3	Explosion	Undetermined	N/K	29-May, 17:09-17:11
	2-4km ESE	Heard	15	Burst		HMG	29-May, 18:10-18:30
	2-4km ESE	Heard	35	Explosion	Undetermined	N/K	29-May, 18:10-18:30
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km NW	Heard	4	Explosion	Undetermined	N/K	29-May, 18:10-18:25
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	2	Explosion	Undetermined	N/K	28-May, 21:18
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km ESE	Recorded	3	Projectile	In a vertical flight (assessed as outside the disengagement area)	N/K	28-May, 21:35
	3-5km ESE	Recorded	2	Burst	In a vertical flight (assessed as outside the disengagement area)	N/K	28-May, 21:45
	3-5km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	28-May, 22:00
SMM camera at Prince Ihor Monument SE of Stanytsia Luhanska bridge (15km NE of Luhansk)	2-4km NNW	Recorded	1	Projectile	In a vertical flight (assessed as outside the disengagement area)	N/K	29-May, 00:08
N edge of Popasna (government-controlled, 69km W of Luhansk)	2-3km NE	Heard	3	Explosion	Undetermined	N/K	28-May, 19:38-19:44
	5-10km E	Heard	8	Explosion	Undetermined (unable to be assessed as inside or outside the Zolote disengagement area)	N/K	29-May, 13:40-13:45
	5-7km E	Heard	2	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	29-May, 14:27-14:40
3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	8-12km ENE	Heard	2	Explosion	Undetermined	N/K	29-May, 10:53-11:00

N edge of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	3-5km ENE	Heard	2	Explosion	Undetermined	N/K	29-May, 10:54
About 1.7km SW of Molodizhne (non-government-controlled, 63km W of Luhansk)	100m SSW	Heard	1	Explosion	Impact (assessed as outside the Zolote disengagement area)	N/K	29-May, 13:37

Map of Donetsk and Luhansk regions¹³



¹³The 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).