

Daily Report 170/2020

18 July 2020¹

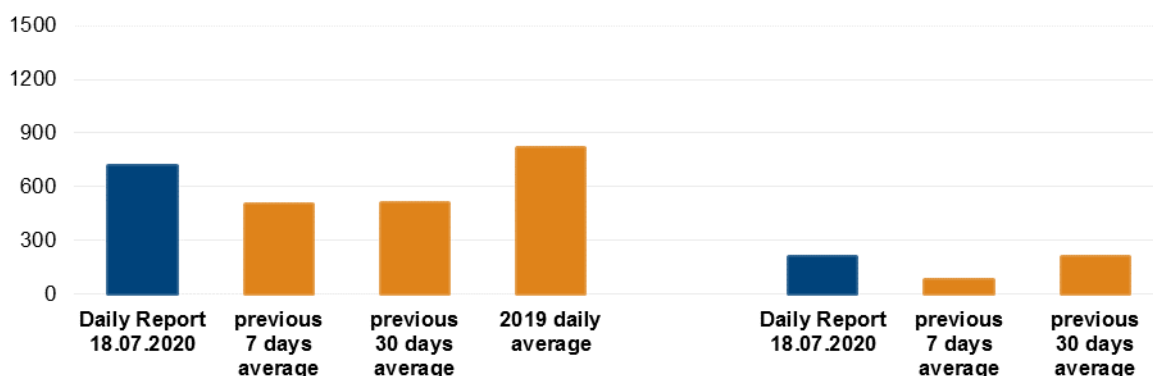
Summary

- Compared with the previous reporting period, the SMM recorded more ceasefire violations in Donetsk region and fewer in Luhansk region.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. An SMM long-range unmanned aerial vehicle spotted people inside the disengagement areas near Zolote and Petrivske during evening hours.
- The Mission facilitated and monitored adherence to localised ceasefires to enable the repairs and maintenance of critical civilian infrastructure.
- The Mission continued following up on the situation of civilians amid the COVID-19 outbreak, including at entry-exit checkpoints and corresponding checkpoints in Donetsk and Luhansk regions.
- The SMM's freedom of movement continued to be restricted.*

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



¹ Based on information from the Monitoring Teams as of 19:30, 17 July 2020. All times are in Eastern European Summer Time.

² For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM cameras in Petrivske, in Krasnohorivka, in Stanytsia Luhanska, near Shyrokyne and at the Oktiabr mine were not operational.

³ Including explosions.

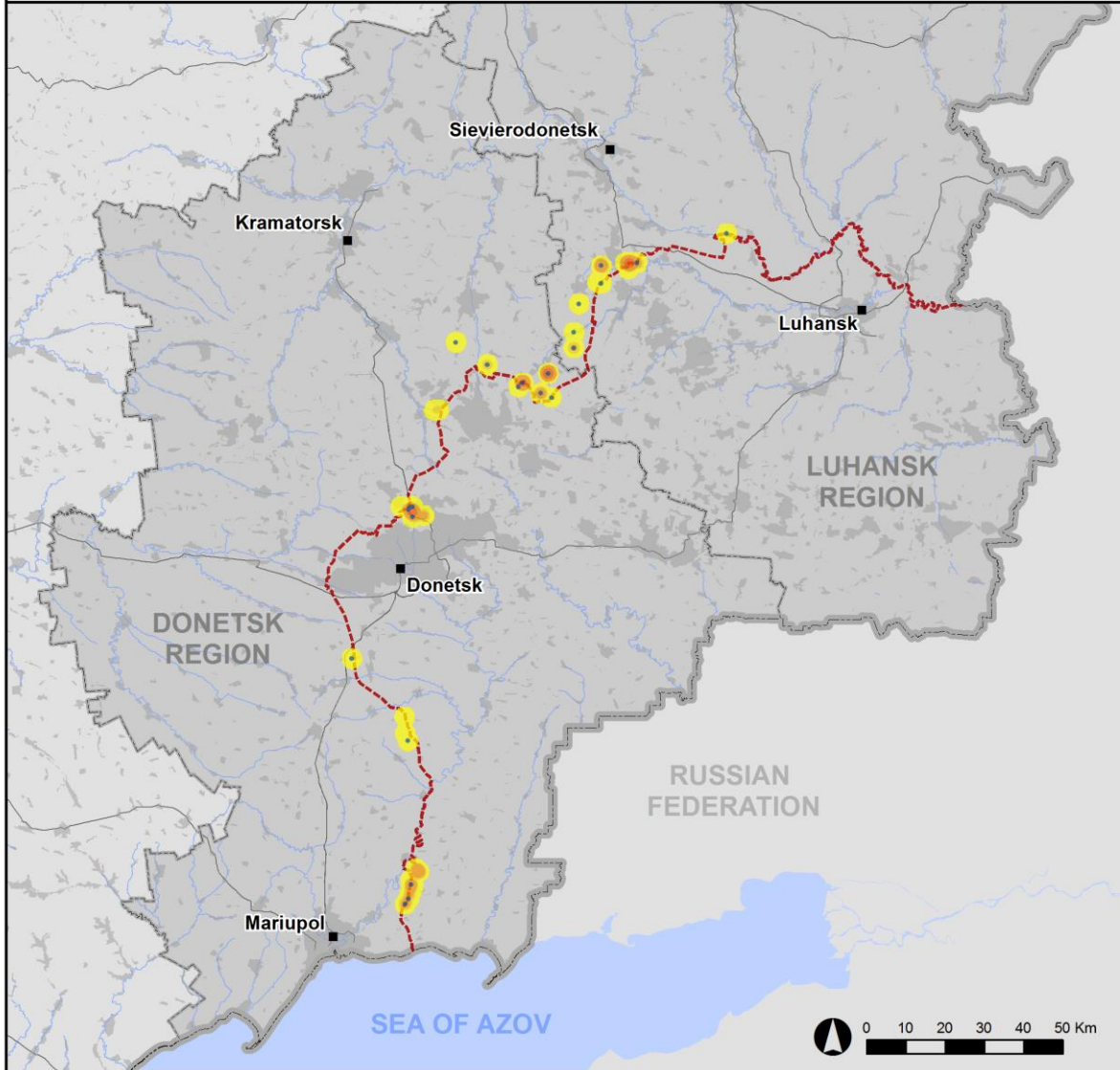
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

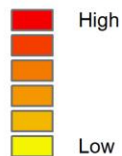


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 17 July 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: 18/07/2020

In Donetsk region, the SMM recorded more ceasefire violations, including more explosions (about 155), compared with the [previous reporting period](#) (about 30 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded in areas east, south-south-east and south-west of Svitlodarsk (government-controlled, 57km north-east of Donetsk), east-south-east of Avdiivka (government-controlled, 17km north of Donetsk) and at south-easterly and south-westerly directions of Yasynuvata (non-government-controlled, 16km north-east of Donetsk).

In Luhansk region, the Mission recorded fewer ceasefire violations, including, however, more explosions (about 55), compared with the [previous reporting period](#) (12 explosions). Almost all ceasefire violations, including almost all explosions, were recorded in areas north-east, south-west and north-west of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below), and in areas south of Novozvanivka (government-controlled, 70km west of Luhansk).

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

On 17 July, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM saw two members of the armed formations (wearing armbands with “JCCC” written on them) between the new span of the Stanytsia Luhanska bridge (15km north-east of Luhansk) and their checkpoint south of it.

On the evening of 16 July, inside the **disengagement area near Zolote**, an SMM long-range unmanned aerial vehicle (UAV) spotted a person near a former position of the Ukrainian Armed Forces south of the railway tracks and about 500m west-south-west of the area’s north-eastern corner. It also spotted a person near a former position of the armed formations on the eastern edge of the disengagement area, about 1.5km north of its south-eastern corner.

On 16 July, outside the disengagement area, an SMM mini-UAV spotted two armoured combat vehicles, east of the checkpoint of the Ukrainian Armed Forces about 300m north of the area’s northern edge (for further details, see the table below).

On the evening of 16 July, while in Popasna (government-controlled, 69 west of Luhansk), the Mission heard 29 undetermined explosions and 15 bursts of heavy-machine-gun fire, all at an assessed range of 5-7km east-north-east and assessed as outside the disengagement area near Zolote but within 5km of its periphery. On the evening and night of 16-17 July, the SMM camera in Zolote recorded three projectiles in flight, at an assessed range of 3-5km east-south-east and assessed as inside the disengagement area. It also recorded an explosion assessed as an airburst, about 115 projectiles in flight, six muzzle flashes and four bursts of undetermined weapons, all at an assessed range of 2-7km east and east-south-east and assessed as outside the disengagement area near Zolote but within 5km of its periphery.

On 17 July, while in Popasna, the Mission heard two undetermined explosions and a burst of small-arms fire, all at an assessed range of 3-7km east-south-east and assessed as outside the disengagement area near Zolote but within 5km of its periphery.

On 17 July, near the southern edge of the disengagement area near Zolote, the Mission saw six members of the armed formations (wearing armbands with “JCCC” written on them), three of

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

whom walked along road T-1316 inside the disengagement area up to about 350m north of its southern edge and then returned. Additionally, near the checkpoint of the armed formations near the southern edge of the disengagement area, the SMM saw two workers with measuring equipment and one vehicle.

On the night of 16-17 July, inside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), and SMM long-range UAV spotted two people near a former position of the armed formations close to the area's south-eastern corner. It also spotted for the first time a pit being dug (not visible in imagery from 5 July 2020), assessed as works in preparation for a new bunker east of a [previously reported](#) recently dug trench near the disengagement area's south-eastern corner. Outside the disengagement area, about 50m east of the aforementioned pit, the UAV spotted construction materials (logs and probable canvas) about 10m east of the area's eastern edge.

On the night of 17-18 July, the SMM camera about 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded one projectile in flight at an assessed range of 1-2km east-north-east. On 18 July, while positioned about 2km east of Bohdanivka, the Mission heard two undetermined explosions and two bursts of heavy-machine-gun fire, all at an assessed range of 3-7km south-south-east. All of these ceasefire violations were assessed as outside the disengagement area near Petrivske 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. It saw a weapon in violation of withdrawal lines in a government-controlled area of Donetsk region.

Indications of military and military-type presence inside the security zone⁶

The SMM observed armoured combat vehicles in the security zone in government-controlled areas of Donetsk and Luhansk regions (for further details, see the table below).

SMM facilitation of repairs and maintenance of critical civilian infrastructure

The SMM facilitated and monitored adherence to localised ceasefires to enable assessment and maintenance of the phenol sludge reservoir near Novhorodske (government-controlled, 35km north of Donetsk); repairs of power and gas lines in Novozvanivka (government-controlled, 70km west of Luhansk) and Troitske (government-controlled, 69km west of Luhansk); repairs of power lines in Horlivka (non-government-controlled, 39km north-east of Donetsk) and between Zolote-5/Mykhailivka (non-government-controlled, 61km west of Luhansk) and Almazna (non-government-controlled, 55km west of Luhansk).

The SMM also facilitated and monitored adherence to localised ceasefires to enable repairs to water infrastructure near Zolote-5/Mykhailivka, Yashchukove (non-government-controlled, 46km west of Luhansk) and Pankivka (non-government-controlled, 16km north of Luhansk), demining to support repairs to infrastructure in Heivka (government-controlled, 27km north-

⁶ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

west of Luhansk), as well as vegetation clearance, inspection and maintenance of railway tracks near Vilkhove (government-controlled, 22km north-east of Luhansk).

The Mission continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk). While positioned at one location near the station, the Mission heard two undetermined explosions and bursts of heavy-machine-gun fire, all assessed as within a 5km radius of the station (see the table below).

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

In Donetsk region, the SMM saw 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 (non-government-controlled, 23km south-west of Donetsk) were operational.

While at the EECP near Novotroitske from 10:15 to 11:30, a representative of the State Border Guard Service of Ukraine told the SMM that people from non-government-controlled areas were allowed to enter government-controlled areas with a valid ID and a special self-isolation tracking application downloaded on their smart phones. Representatives of an international humanitarian organization told the Mission that there had been 470 names of people on a list that had been scheduled to cross toward non-government-controlled areas on 17 July. They also said that on the night of 16-17 July, 18 people had been stranded between the EECP and the corresponding checkpoint overnight and had spent the night in inflatable tents provided by an international humanitarian organization located close to the EECP.

At a checkpoint of the Ukrainian Armed Forces near Berezove (government-controlled, 31km south-west of Donetsk) (north of Novotroitske), from 11:50 to 13:30, the SMM saw 15 people (mixed genders and ages) waiting to travel toward government-controlled areas.

From about 08:30 to 09:10, at the checkpoint near Olenivka, the Mission saw 20 people (mixed genders and ages) filling out forms reportedly with information on their place of residence in government-controlled areas while queuing to travel towards government-controlled areas. At the same checkpoint, from 13:45 to 15:00, the SMM saw five people (mixed genders, in their fifties) crossing it and walking towards government-controlled areas. At about 14:00, near the same checkpoint, the Mission saw a bus with approximately 50 people (mixed genders, mostly elderly) standing beside it. Two members of the armed formations told the SMM that the bus was coming from government-controlled areas and that those 50 people would be taken to a hospital in Makiivka for medical checks and quarantine (non-government-controlled, 12km north-east of Donetsk) (For previous observations, see [SMM Daily Report 14 July 2020](#).)

While at the EECP in Hnutove (government-controlled, 90km south of Donetsk), the SMM saw that the EECP was operational but observed no traffic in either direction.

In Luhansk region, the SMM noted that the EECP in Stanytsia Luhanska was operational. While at the EECP, at around 10:35 and 12:50 the Mission saw three pedestrians (mixed genders, in their forties) queuing to travel towards government-controlled areas and about 60 pedestrians (mixed genders and ages) queuing to travel in the opposite direction. The Mission also saw two golf carts operating between the EECP and the new section of the Stanytsia Luhanska bridge.

From 07:00 to 18:00 on 17 July, the SMM camera south of the Stanytsia Luhanska bridge recorded about 640 people traveling to government-controlled from non-government-controlled areas and about 560 people traveling in the opposite direction.

The Mission continued monitoring in Kherson, Dnipro, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Chernivtsi and Kyiv.

***Restrictions of the SMM's freedom of movement or other impediments to fulfilment of its mandate**

The SMM's monitoring and freedom of movement are restricted by security hazards and threats, including risks posed by mines and unexploded ordnance (UXO) and other impediments – which vary from day to day. The SMM's mandate provides for safe and secure access throughout Ukraine. All signatories of the Package of Measures have agreed on the need for this safe and secure access, that restriction of the SMM's freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the Joint Centre for Control and Co-ordination (JCCC) should contribute to such response and co-ordinate mine clearance. Nonetheless, the armed formations in parts of Donetsk and Luhansk regions frequently deny the SMM access to areas adjacent to Ukraine's border outside control of the Government (for example, see [SMM Daily Report 14 July 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.

Regular restrictions related to disengagement areas and mines/UXO:

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

Other impediments:

- On the evening of 16 July, an SMM long-range UAV experienced dual GPS signal interference, assessed as jamming, while flying over areas between Zaitseve (50km north-east of Donetsk) and Pleshchiivka (government-controlled, 51km north of Donetsk), as well as GPS signal interference, assessed as probable jamming, while flying over areas between Pleshchiivka and Stepanivka (government-controlled, 54km north of Donetsk).⁷

⁷ The interference could have originated from anywhere within the radius of several kilometres of the UAV's position.

Table of weapons

Weapons in violation of withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
16/07/2020	1	Surface-to-air missile system (9K35 <i>Strela-10</i>)	Near Starohnativka (51km south of Donetsk)	Mini-UAV

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
16/07/2020	1	Armoured personnel carrier (MT-LB variant)	Near Starohnativka (51km south of Donetsk)	Mini-UAV
	1	Infantry fighting vehicle (BMP-1)		
	1	Probable armoured reconnaissance vehicle (BRDM-2)		
	2	Armoured combat vehicle	Near the checkpoint of the Ukrainian Armed Forces about 300m north of the disengagement area near Zolote (60km west of Luhansk)	
17/07/2020	1	Infantry fighting vehicle (BMP-1)	Near Slavne (26km south-west of Donetsk)	Long-range UAV
	1	Armoured combat vehicle	Near Ozarianivka (formerly Pershe Travnia, 52km north of Donetsk)	

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 17 July 2020⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km ESE	Recorded	4	Projectile	SSW to NNE (also recorded by SMM camera at DFS)	N/K	16-Jul, 21:17
	4-6km ESE	Recorded	3	Projectile	NNE to SSW (also recorded by SMM camera at DFS)	N/K	16-Jul, 21:17
	3-5km ESE	Recorded	1	Projectile	WNW to ESE (also recorded by SMM camera at DFS)	N/K	16-Jul, 21:17
	3-5km ESE	Recorded	1	Explosion	Airburst (subsequent to the previous event. Also recorded by SMM camera at DFS)	N/K	16-Jul, 21:17
	3-5km ESE	Recorded	3	Projectile	NNE to SSW (also recorded by SMM camera at DFS)	N/K	16-Jul, 21:20
	3-5km ESE	Recorded	1	Projectile	NNE to SSW (also recorded by SMM camera at DFS)	N/K	16-Jul, 21:21
	3-5km ESE	Recorded	5	Projectile	NNE to SSW (also recorded by SMM camera at DFS)	N/K	16-Jul, 21:30
	3-5km ESE	Recorded	1	Projectile	NNE to SSW	N/K	16-Jul, 21:33
	1-3km ESE	Recorded	1	Projectile	W to E	N/K	16-Jul, 21:33
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	16-Jul, 21:37
	3-5km ESE	Recorded	1	Projectile	SSW to NNE	N/K	16-Jul, 21:42
	3-5km ESE	Recorded	4	Projectile	SSW to NNE	N/K	16-Jul, 21:46
	4-6km ESE	Recorded	65	Projectile	In vertical flight	N/K	16-Jul, 22:57
	4-6km ESE	Recorded	10	Projectile	In vertical flight	N/K	16-Jul, 22:59
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	1-2km ENE	Recorded	1	Projectile	In vertical flight (assessed as outside the disengagement area near Petrivske, also recorded by SMM camera in Berezove)	N/K	17-Jul, 01:29
SMM camera in Chermalyk	4-6km SE	Recorded	36	Projectile	In vertical flight	N/K	16-Jul, 22:58

⁹ 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.

(government-controlled, 77km S of Donetsk)	3-5km SE	Recorded	1	Projectile	WSW to ENE	N/K	17-Jul, 00:41
	3-5km SE	Recorded	2	Projectile	NNE to SSW	N/K	17-Jul, 00:56
	3-5km SE	Recorded	7	Projectile	NNE to SSW	N/K	17-Jul, 00:59
	3-5km SE	Recorded	2	Projectile	NNE to SSW	N/K	17-Jul, 01:00
	3-5km SE	Recorded	6	Projectile	NNE to SSW	N/K	17-Jul, 01:08
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	17-Jul, 02:15
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	17-Jul, 02:16
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km SE	Recorded	2	Projectile	SW to NE	N/K	16-Jul, 21:53
	3-5km SE	Recorded	4	Projectile	NNE to SSW	N/K	16-Jul, 22:01
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	16-Jul, 22:22
	3-5km SE	Recorded	2	Projectile	NNE to SSW	N/K	16-Jul, 22:44
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	17-Jul, 01:10
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	17-Jul, 01:31
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	17-Jul, 01:33
	3-5km SE	Recorded	2	Projectile	NNE to SSW	N/K	17-Jul, 01:35
	3-5km ESE	Recorded	1	Muzzle flash		N/K	17-Jul, 01:00
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	17-Jul, 03:03
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	17-Jul, 03:04
	3-5km SE	Recorded	8	Projectile	NNE to SSW	N/K	17-Jul, 03:23
	3-5km SE	Recorded	1	Projectile	N to S	N/K	17-Jul, 03:23
	SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 90km S of Donetsk)	2-3km E	Recorded	6	Projectile	NNW to SSE	N/K
2-3km E		Recorded	4	Projectile	In a vertical flight	N/K	16-Jul, 21:45
2-4km E		Recorded	3	Projectile	W to E	N/K	16-Jul, 21:47
2-3km E		Recorded	1	Projectile	NNW to SSE	N/K	16-Jul, 21:58
2-4km ESE		Recorded	1	Projectile	SSW to NNE	N/K	16-Jul, 22:09
2-4km ESE		Recorded	2	Projectile	W to E	N/K	16-Jul, 22:52
2-3km E		Recorded	3	Projectile	In a vertical flight	N/K	16-Jul, 23:57
2-3km E		Recorded	2	Projectile	SSW to NNE	N/K	17-Jul, 00:08
2-3km E		Recorded	1	Explosion	Undetermined	N/K	17-Jul, 00:41
2-3km ENE		Recorded	1	Projectile	SSW to NNE	N/K	17-Jul, 00:41
2-3km E		Recorded	4	Projectile	SSW to NNE	N/K	17-Jul, 00:41
2-3km E		Recorded	1	Projectile	W to E	N/K	17-Jul, 01:51
2-3km E		Recorded	1	Projectile	N to S	N/K	17-Jul, 01:51
About 1km NW of the railway station in Yasnuvata (non-government-controlled, 16km NE of Donetsk)	3-4km SSE	Heard	5	Burst		HMG	17-Jul, 11:35
	3-4km SSE	Heard	15	Burst		HMG	17-Jul, 11:40
	3-4km SSW	Heard	25	Burst		HMG	17-Jul, 12:52-12:58
	3-5km SSW	Heard	2	Explosion	Undetermined	N/K	17-Jul, 12:55
About 4.5km NNE of Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	3-5km NE	Heard and saw	1	Explosion	Undetermined	N/K	17-Jul, 14:14
About 1km SW of Olenivka (non-government-controlled, 23km SW of Donetsk)	5-7km SSW	Heard	3	Explosion	Undetermined	N/K	17-Jul, 13:59

About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	3-5km E	Heard	14	Burst		HMG	17-Jul, 10:10-10:13
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	5-7km SSE	Heard	2	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	17-Jul, 09:42
	3-5km SSE	Heard	2	Burst	Assessed as outside the Petrivske disengagement area	HMG	17-Jul, 09:52
About 2km WSW of Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	2-4km SE	Heard	6	Burst		Small arms	17-Jul, 09:27
	2-3km SSE	Heard	5	Burst		Small arms	17-Jul, 09:34
About 1km SSE of Mykolaivka Druha (government-controlled, 51km N of Donetsk)	4-5km ESE	Heard	1	Explosion	Undetermined	N/K	17-Jul, 11:32
	4-5km ESE	Heard	5	Burst		HMG	17-Jul, 11:32
	4-5km ESE	Heard	5	Explosion	Undetermined	N/K	17-Jul, 13:15-13:17
	4-5km ESE	Heard	2	Explosion	Undetermined	N/K	17-Jul, 13:25
	5-6km NW	Heard	1	Explosion	Undetermined	N/K	17-Jul, 15:59
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-6km SSE	Heard	27	Explosion	Undetermined	N/K	16-Jul, 19:50-20:03
	3-4km SW	Heard	10	Explosion	Undetermined	N/K	16-Jul, 20:10
	3-4km SW	Heard	2	Burst		HMG	16-Jul, 20:10
	3-4km SW	Heard	62	Explosion	Undetermined	N/K	16-Jul, 20:12-20:16
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	16-Jul, 20:48
	3-4km SW	Heard	7	Burst		HMG	16-Jul, 23:10
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	16-Jul, 23:13
	3-5km E	Heard	26	Explosion	Undetermined	N/K	17-Jul, 13:03-13:30
	3-5km E	Heard	97	Burst		HMG	17-Jul, 13:14-13:32
3-5km E	Heard	1	Explosion	Undetermined	N/K	17-Jul, 13:37	
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	17-Jul, 01:13
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km ESE	Recorded	3	Projectile	N to S (assessed as outside the disengagement area)	N/K	16-Jul, 21:12
	3-5km E	Recorded	3	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 21:13

3-5km E	Recorded	1	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	16-Jul, 21:13
3-5km E	Recorded	3	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 21:15
3-5km E	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 21:15
3-5km ESE	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	16-Jul, 21:15
3-5km E	Recorded	1	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	16-Jul, 21:15
3-5km ESE	Recorded	3	Projectile	N to S (assessed as inside the disengagement area)	N/K	16-Jul, 21:16
3-5km E	Recorded	2	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	16-Jul, 21:16
3-5km E	Recorded	1	Projectile	WSW to ENE (assessed as outside the disengagement area)	N/K	16-Jul, 21:16
3-5km E	Recorded	1	Projectile	W to E (assessed as outside the disengagement area)	N/K	16-Jul, 21:17
3-5km E	Recorded	6	Projectile	S to N (assessed as outside the disengagement area)	N/K	16-Jul, 21:17
3-5km E	Recorded	2	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	16-Jul, 21:17
3-5km E	Recorded	1	Projectile	W to E (assessed as outside the disengagement area)	N/K	16-Jul, 21:18
5-7km E	Recorded	1	Explosion	Airburst (assessed as outside the disengagement area)	N/K	16-Jul, 21:19

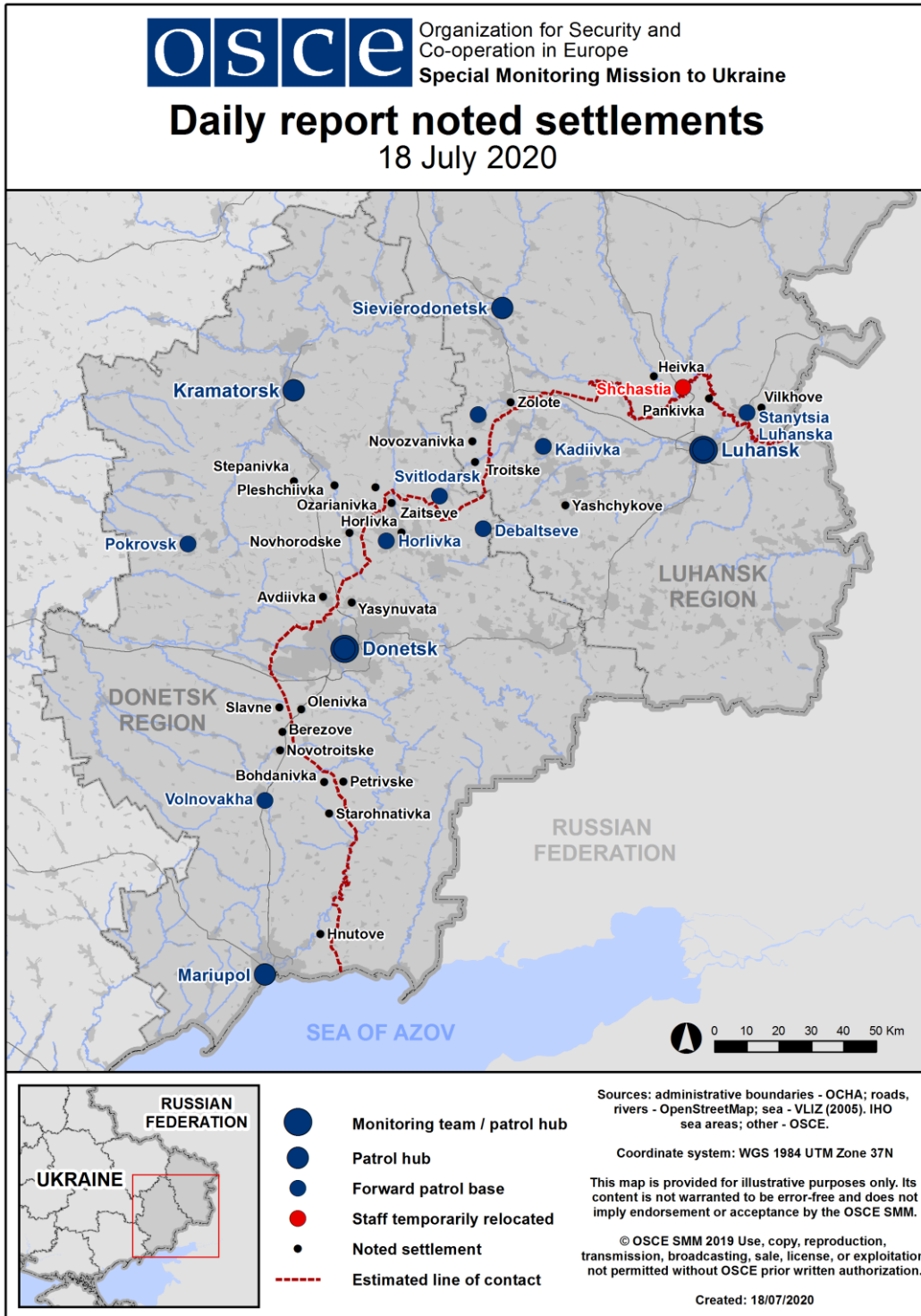
	3-5km E	Recorded	11	Projectile	S to N (assessed as outside the disengagement area)	N/K	16-Jul, 21:19
	3-5km E	Recorded	3	Projectile	W to E (assessed as outside the disengagement area)	N/K	16-Jul, 21:19
	3-5km E	Recorded	3	Projectile	N to S (assessed as outside the disengagement area)	N/K	16-Jul, 21:19
	3-5km E	Recorded	1	Projectile	W to E (assessed as outside the disengagement area)	N/K	16-Jul, 21:20
	3-5km E	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	16-Jul, 21:20
	3-5km E	Recorded	1	Projectile	SW to NE (subsequent to previous event, assessed as outside the disengagement area)	N/K	16-Jul, 21:20
	3-5km E	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 21:20
	3-5km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	16-Jul, 21:20
	5-7km E	Recorded	14	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	16-Jul, 21:22
	2-4km E	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	16-Jul, 21:24
	2-4km E	Recorded	1	Projectile	W to E (subsequent to previous event, assessed as outside the disengagement area)	N/K	16-Jul, 21:24
	2-4km E	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	16-Jul, 21:25
	2-4km E	Recorded	1	Projectile	W to E (subsequent to previous event, assessed as	N/K	16-Jul, 21:25

					outside the disengagement area)		
2-4km E	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	16-Jul, 21:26	
2-4km E	Recorded	1	Projectile	W to E (subsequent to previous event, assessed as outside the disengagement area)	N/K	16-Jul, 21:26	
2-4km E	Recorded	1	Projectile	WSW to ENE (assessed as outside the disengagement area)	N/K	16-Jul, 21:33	
3-5km E	Recorded	3	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 21:40	
3-5km E	Recorded	2	Muzzle flash	Assessed as outside the disengagement area	N/K	16-Jul, 21:40	
3-5km E	Recorded	3	Burst	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 21:48	
3-5km E	Recorded	3	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 21:48	
3-5km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 22:00	
3-5km E	Recorded	4	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 22:01	
3-5km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 22:07	
3-5km E	Recorded	1	Projectile	W to E (assessed as outside the disengagement area)	N/K	16-Jul, 22:07	
3-5km E	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 22:10	
3-5km E	Recorded	1	Projectile	WNW to ESE (assessed as	N/K	16-Jul, 22:10	

					outside the disengagement area)		
	3-5km E	Recorded	2	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	16-Jul, 22:19
	3-5km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	16-Jul, 22:22
	3-5km E	Recorded	2	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	16-Jul, 22:37
	3-5km E	Recorded	5	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 22:37
	3-5km E	Recorded	4	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 22:38
	3-5km E	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	16-Jul, 23:11
	3-5km E	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	17-Jul, 00:30
	5-7km E	Recorded	1	Burst	In vertical flight (assessed as outside the disengagement area)	N/K	17-Jul, 00:35
	5-7km E	Recorded	3	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	17-Jul, 00:37
	3-5km E	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	17-Jul, 01:03
	2-4km E	Recorded	6	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	17-Jul, 01:18
	2-4km E	Recorded	5	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	17-Jul, 01:19
N edge of Popasna	5-7km ENE	Heard	29	Explosion	Undetermined (assessed as	N/K	16-Jul, 20:55-21:26

(government-controlled, 69km W of Luhansk)					outside the Zolote disengagement area)		
	5-7km ENE	Heard	15	Burst	Assessed as outside the Zolote disengagement area	HMG	16-Jul, 20:55-21:26
	7-8km S	Heard	5	Explosion	Undetermined	N/K	17-Jul, 15:48-16:02
	5-7km ESE	Heard	2	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	17-Jul, 16:07
	3-7km ESE	Heard	1	Burst	Assessed as outside the Zolote disengagement area	Small arms	17-Jul, 16:13
About 2kmkm S of Novozvanivka (government-controlled, 70km W of Luhansk)	7-10km S	Heard	2	Explosion	Undetermined	N/K	17-Jul, 13:05
	7-10km S	Heard	14	Explosion	Undetermined	N/K	17-Jul, 13:15-13:30
	4-5km S	Heard	1	Explosion	Undetermined	N/K	17-Jul, 14:15

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 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).