



Daily Report 40/2022

21 February 2022¹

Summary

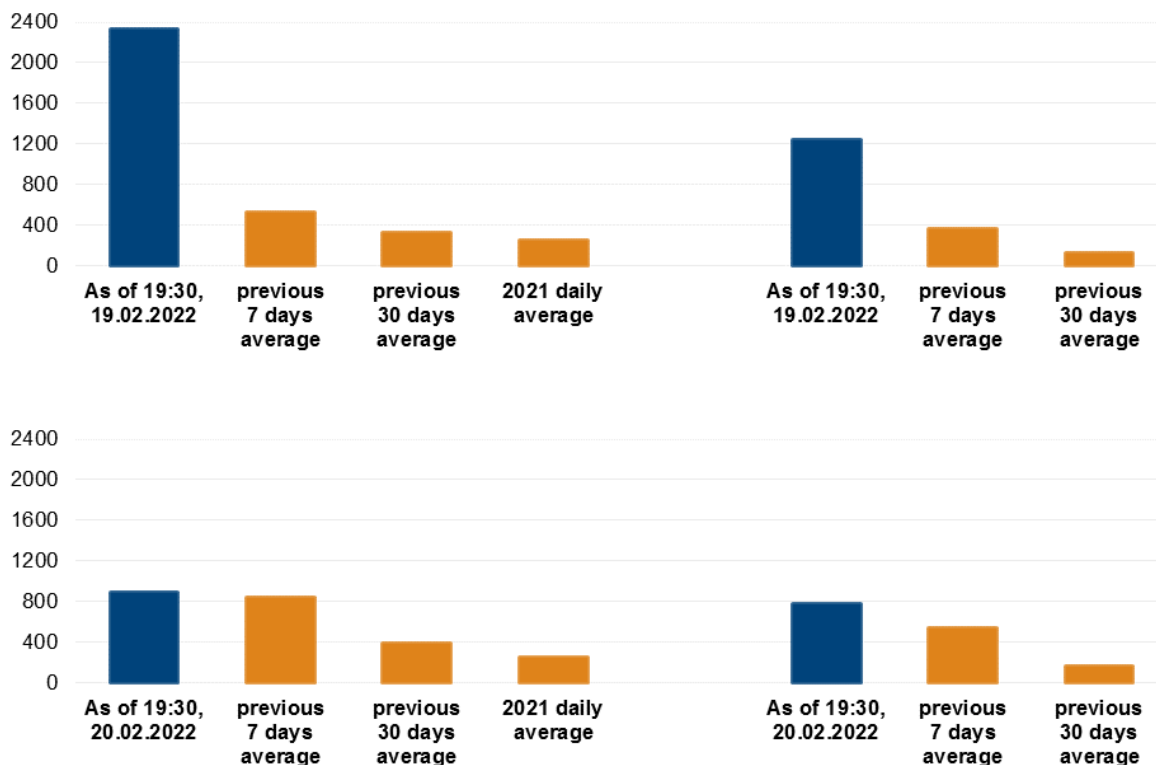
- In Donetsk region, between the evenings of 18 and 20 February, the SMM recorded 2,158 ceasefire violations, including 1,100 explosions. In the previous reporting period, it recorded 591 ceasefire violations in the region.
- In Luhansk region, between the evenings of 18 and 20 February, the Mission recorded 1,073 ceasefire violations, including 926 explosions. In the previous reporting period, it recorded 975 ceasefire violations in the region.
- The Mission followed up on reports of damage to a civilian property and a factory building in non-government-controlled Mykolaivka, Luhansk region.
- Small-arms fire was assessed as directed at an SMM mini-unmanned aerial vehicle (UAV) in Staromykhailivka, Donetsk region and the Mission heard explosions close to its location in Mykolaivka, and Horlivka, Donetsk region*.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations (including explosions) inside the disengagement area near Zolote and close to the disengagement areas near Stanytsia Luhanska and Petrivske.
- The SMM observed fresh craters in government-controlled Zolote, Luhansk region.
- The Mission monitored the operation of critical civilian infrastructure.
- The SMM continued to follow up on the situation of civilians, including at four entry-exit checkpoints and three corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.
- The Mission monitored a crossing point on the border with Poland.
- The SMM monitored the security situation in east and south-east Kherson region.

¹ Based on information from the Monitoring Teams as of 19:30, 20 February 2022. All times are in Eastern European Time.

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



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

³ Including explosions.

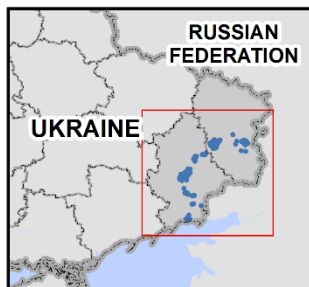
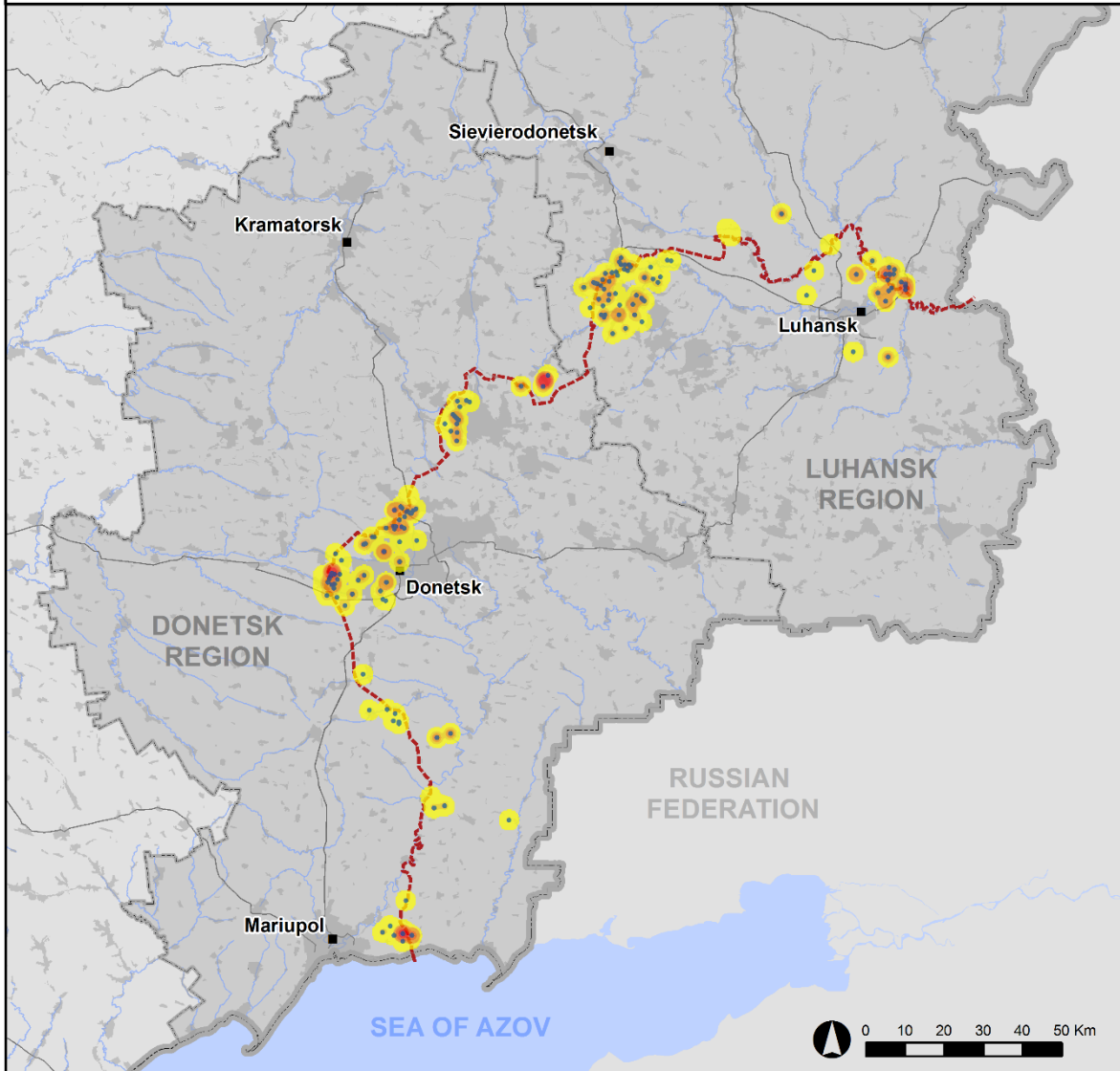
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

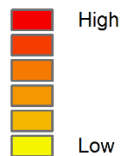


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 19-20 February 2022



Ceasefire violation concentration



- Explosion (Blue dot)
- Settlement (Black square)
- Estimated line of contact (Red dashed line)

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: 20/02/2022

In Donetsk region, between the evenings of 18 and 20 February, the SMM recorded 2,158 ceasefire violations, including 1,100 explosions (144 outgoing, 19 airbursts, 37 impacts and 900 undetermined). The majority of ceasefire violations were recorded on the morning of 19 February in areas east, east-south-east, and south-east of Svitlodarsk (government-controlled, 57km north-east of Donetsk), on the evening and night of 18-19 and 19-20 February in areas north, north-north-east, and north-north-west of Shyrokyne (government-controlled, 100km south of Donetsk) and on the morning of 19 February close to Staromykhailivka (non-government-controlled, 15km west of Donetsk). In the [previous reporting period](#), the Mission recorded 591 ceasefire violations in the region.

In Luhansk region, between the evenings of 18 and 20 February, the SMM recorded 1,073 ceasefire violations, including 926 explosions (112 outgoing, 44 impacts and 770 undetermined). The majority of ceasefire violations were recorded in areas close to the disengagement area near Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk) during the day on 19 February (see below), and in areas inside and close to the disengagement area near Zolote (government-controlled, 60km west of Luhansk) during the day and evening of 18, 19 and 20 February. In the [previous reporting period](#), the SMM recorded 975 ceasefire violations in the region, the majority of which also occurred near the disengagement areas near Stanytsia Luhanska and Zolote.

Following agreement reached at the meeting of the Trilateral Contact Group (TCG) 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 114,999 ceasefire violations in both Donetsk and Luhansk regions (including 33,785 explosions, 26,077 projectiles in flight, 487 muzzle flashes, 516 illumination flares, and at least 54,134 bursts and shots).

Damage to a civilian property and a factory building in Mykolaivka, Luhansk region

On 19 February, the Mission followed up on reports of damage to a civilian property reported to have occurred on 17 February in Mykolaivka (non-government-controlled, 15km east of Luhansk).

Near the northern edge of Mykolaivka, about 150m south-west of a two-storey residential building, the SMM observed an impact crater (0.5m-1m in diameter) in a yard, as well as damage to a balcony on the building's first floor, two broken windows on its north-facing wall, and damage to an east-facing wall, and three broken windows in the same wall. It also saw broken glass on the ground beneath the windows.

About 300m south-west of the aforementioned building, inside a working factory compound, the Mission saw an impact crater (1-1.5m in diameter), as well as dents assessed as caused by shrapnel on the north-facing and west-facing gates of a storage area in the northern part of the factory.

The SMM assessed the craters and damage as recent and caused by the impact of 122mm artillery rounds fired from a northern direction.

Inside another storage area in the southern part of the same factory, the SMM observed two holes in the roof, as well as dents assessed as caused by shrapnel on the metal gates of the storage area. The Mission assessed damage to the roof, as well as to the metal gates as recent and caused by the impact of 122mm artillery rounds fired from a northern direction.

Small-arms fire assessed as directed at an SMM mini-UAV near Staromykhailivka and explosions close to SMM patrols in Mykolaivka and Horlivka, Donetsk region

On 19 February, while positioned about 4km south-south-west of Staromykhailivka (non-government-controlled, 15km west of Donetsk) to conduct an announced mini-unmanned aerial vehicle (UAV) flight, the Mission heard 350 bursts and shots of small-arms fire at an assessed distance of 1km north-west, assessed as aimed at the UAV, which was flying about 1.2km north-west of the SMM's position. The SMM landed the UAV and left the area.*

On 19 February, while positioned in a residential area of Mykolaivka (government-controlled, 40km south of Donetsk), the Mission heard five outgoing mortar explosions at about 200-300m north-west of its position. It left the area immediately.*

On 20 February, while positioned near a residential area on the western outskirts of Horlivka (non-government-controlled, 39km north-east of Donetsk), the Mission heard two undetermined explosions and saw black smoke about 50-60m west of its position. It left the area immediately.*

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

During the reporting period, SMM patrols heard 281 explosions (22 impacts and 259 undetermined) and 93 bursts of small-arms and heavy machine-gun fire. On the evening of 19 February, the SMM camera at Prince Ihor Monument south-east of Stanytsia Luhanska bridge (15km north-east of Luhansk) recorded three muzzle flashes and two projectiles in flight. All these ceasefire violations were assessed as outside the **disengagement area near Stanytsia Luhanska**, but within 5km of its periphery. (For details, see the table below.)

On 20 February, inside the disengagement area, the Mission observed five members of the armed formations (wearing armbands with "JCCC" written on them) south of the repaired span of the Stanytsia Luhanska bridge.

On the evening of 18 February, the SMM camera in Zolote (government-controlled, 60km west of Luhansk) recorded two undetermined explosions. On the night of 19 February, the SMM camera in the southern part of the **disengagement area near Zolote** recorded one undetermined explosion. On the morning on 19 February, while in Zolote, the Mission heard seven undetermined explosions. All these ceasefire violations were assessed as inside the disengagement area. During the reporting period, while positioned close to the disengagement area, SMM patrols heard 114 explosions (nine impacts, 25 outgoing and 80 undetermined). The SMM cameras on the northern edge of Popasna (government-controlled, 69km west of Luhansk) and in Zolote recorded 12 explosions (one impact and 11 undetermined), two projectiles in flight, seven illumination flares and one muzzle flash. All these ceasefire violations were assessed as outside the disengagement area near Zolote, but within 5km of its periphery. Also, the SMM camera in Zolote recorded two undetermined explosions, unable to be assessed as inside or outside the disengagement area. (For details, see the table below.)

On both days of the reporting period, near the checkpoint of the armed formations south of the area, the Mission observed members of the armed formations (wearing armbands with

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

“JCCC” written on them). It also observed that the previously reported road barriers across road T-1316, on the area’s southern edge, continued to be closed.

During the reporting period, the SMM cameras 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) and in Petrivske (non-government-controlled, 41km south of Donetsk) recorded six undetermined explosions. Mission patrols, positioned about 1.5km north-west of Bohdanivka, heard five explosions (four outgoing and one undetermined). All of these ceasefire violations were assessed as outside the **disengagement area near Petrivske**, but within 5km of its periphery. (For details, see the table below.)

During the day on 20 February, while positioned at two locations near the disengagement area, the Mission observed a calm situation. At a checkpoint about 3km north of Petrivske, a member of the armed formations [for the third time](#) denied the Mission passage further south, which prevented the SMM from monitoring non-government-controlled areas east of the disengagement area (see below).*

Weapons that the SMM could not verify as withdrawn⁶

At one heavy weapons holding area in a government-controlled area of Luhansk region
19 February

The Mission noted that ten self-propelled howitzers (2S19 *Msta-S*, 152mm) were present. It last visited this site on 14 February 2022.

Withdrawal of weapons

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

In government-controlled areas of Donetsk region, the Mission saw four howitzers in violation of withdrawal lines. It also spotted 12 howitzers, one surface-to-air missile system and one multiple launch rocket system in non-government-controlled areas of Donetsk and Luhansk regions. (For further information, see the table below.)

Beyond withdrawal lines but outside designated storage sites, the SMM saw 41 tanks and 14 howitzers in non-government-controlled areas of Donetsk and Luhansk regions, including in two training areas. (For further information, see the tables below.)

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

The Mission saw nine armoured combat vehicles in government-controlled areas of Donetsk and Luhansk regions, as well as five armoured combat vehicles in non-government-controlled areas of Donetsk region. (For further information, see the table below.)

On 19 February, while in Prokhorivka (government-controlled, 53km south of Donetsk), the Mission saw one light utility truck (GAZ-66) equipped with antennas, assessed as used for flying mid-range UAVs, stationary about 100m north of the road. It also observed two Ukrainian Armed forces soldiers near the truck.

⁶ The SMM observed weapons that could not be verified as withdrawn, as their storage did not comply with the criteria set out in the 16 October 2015 notification from the SMM to the signatories of the Package of Measures on effective monitoring and verification of the withdrawal of heavy weapons.

On 20 February, while positioned near Dubrivka (non-government-controlled, 7km south-west of Donetsk), the Mission saw 15 visibly armed members of the armed formations, two armoured personnel carriers (BTR-80) (see above and the table below), three cars and a non-SMM UAV flying over the location, at an altitude of about 50m, despite the ban on the operation of any aerial vehicles included in the 22 July 2020 TCG agreement on Measures to strengthen the ceasefire.

Gatherings of people and convoys in Donetsk and Luhansk regions

Over the reporting period, in various locations in non-government-controlled areas of Donetsk and Luhansk regions, the Mission saw people gathering and several convoys of cars and buses (some of which bearing signs with “evacuation” written on them) driving eastwards with passengers (mostly women, children, and the elderly).

Presence of recent craters in government-controlled Zolote, Luhansk region

On 20 February, on the eastern outskirts of Zolote-2/Karbonit (government-controlled, 62km west of Luhansk), the SMM saw one impact crater on the southern side of road T-1316 and about 1m further west a damaged traffic sign, as well as three additional craters at a distance of about 50-70m in a field south of the road, and three more at a distance of about 50-70m in a field north of the road. The Mission assessed these craters and damage as fresh and caused by 122mm artillery rounds fired from a southern direction.

SMM facilitation of the operation of critical civilian infrastructure

On both days of the reporting period, the SMM continued to facilitate the operation of the Donetsk Filtration Station (DFS) (15km north of Donetsk).

On 19 February, while positioned at three locations near the DFS, the SMM heard 46 undetermined explosions and 78 burst of heavy-machine-gun fire, assessed as within a 5km radius of the DFS. Out of these, 14 undetermined explosions occurred during the transfer of workers between Yasynuvata (non-government-controlled, 16km north-east of Donetsk) and the station.

On 20 February, while positioned at the railway station in Yasynuvata, the Mission heard four undetermined explosions and three shots of small-arms fire, assessed as within a 5km radius of the DFS. All of these ceasefire violations occurred during the transfer of workers between Yasynuvata and the station.

On 21 February the SMM received reports on suspension of DFS operations due to damage caused by shelling. The Mission will follow up on reports⁷.

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, on 20 February, 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.

⁷ Outside of the reporting period.

In Luhansk region, on 19 and 20 February, the SMM observed that the EECP near Stanytsia Luhanska was open, with people queueing to travel in both directions. On 20 February, it also observed that the corresponding checkpoint of the armed formations south of the repaired span of the Stanytsia Luhanska bridge was open, with people queueing to travel in both directions.

On both days, the Mission noted that the EECP near Zolote (government-controlled, 20km north of Luhansk) was open, but that the corresponding checkpoint of the armed formations south of the disengagement area near Zolote was closed.

On 19 February, while at the EECP near Shchastia, the Mission heard five undetermined explosions at an assessed range of 1-2km south-south-east of its location and two shots of small-arms fire at an assessed range of 700-800km south-east.

On 20 February, the SMM noted that the EECP near Shchastia was closed.

Areas near the border outside government control⁸

On 19 February, the SMM visited border crossing points near Marynivka (non-government-controlled, 78 km south-east of Donetsk) and Uspenka (non-government-controlled area, 73km south-east of Donetsk) and observed no change in the security situation.

On 20 February, while at a border crossing point near Uspenka, for about 1 hour and 35 minutes, the Mission observed three buses, 13 covered cargo trucks and nine cars entering Ukraine. At the same time it observed 32 buses, 25 cars with “DPR plates” and 87 people (men and women of mixed ages and children) exiting Ukraine, assessed as a higher number than usual by the SMM.

On 19 February the SMM monitored areas near border crossing points near Voznesenivka (non-government-controlled, formerly Chervonopartyzansk, 65km south-east of Luhansk) and Dovzhanske (non-government-controlled, 84km south-east of Luhansk) and observed no changes in the security situation.

On 20 February, while at a border crossing point near Izvaryne (non-government-controlled, 52km south-east of Luhansk), for about 25min, the Mission observed one car, one bus (both with “LPR” plates), and ten people (six women and four men of mixed ages) entering Ukraine. While at the border crossing point, two unarmed members of the armed formations told the Mission to leave the area (see below).*

On the same day, while at a pedestrian border crossing point near Verkhnoharasymivka (non-government-controlled, 57km south-east of Luhansk), for about 35min, the SMM saw two people (one woman, in her thirties, and one child) entering Ukraine and nine people (seven women in their thirties and two children) exiting Ukraine.

On 19 February about 500m east-north-east of Vyselky (72km south-east of Donetsk), an SMM long-range UAV spotted a cargo train comprised of one diesel locomotive and 50 wagons transporting coal travelling south-eastward toward the border from the direction of Kvashyne.

⁸ According to decisions in 2014 by the Cabinet of Ministers of Ukraine, operations are officially designated as suspended at these and other border crossing points located outside government control.

On the same night, at a border crossing point near Vyselky, the long-range UAV spotted at least 200 cars and trucks waiting to cross the border towards the Russian Federation, assessed as a higher number than usual by the SMM.

The Mission monitored areas near the border with Poland

On 16 February, while at a border crossing point near Krakovets (75km west of Lviv), Lviv region, the Mission saw that it was open with traffic entering and exiting Ukraine, and observed no change in the security situation.

SMM monitored the security situation in east and south-east Kherson region

On 17 February, the SMM monitored areas in east and south-east Kherson region at checkpoints near Kalanchak (70 km south-east of Kherson) and Chonhar (163km south-east of Kherson), as well as at Ukrainian State Border Guard Service security posts near Chaplynka (77 km south-east of Kherson) and in Valok (193km south-east of Kherson). The Mission also monitored areas along the coast of the Black Sea including near Lazurne (62km south of Kherson), Skadovsk (62km south-east of Kherson), Oleksandrivka (88km south-east of Kherson) and Khorly Bay (80km south-east of Kherson), Novopavlivka (69km south-east of Kherson), Myrne (78km south-east of Kherson), areas along the coast of the Sea of Azov near Henichesk (176 km east of Kherson), Novotroitske (154 km east of Kherson), Podorozhnie (177km east of Kherson), Azovske (181km east of Kherson) and Strilkove (193km south-east of Kherson) and areas along the North Crimean Canal. During the patrol, the SMM observed that staff at police and military checkpoints were reinforced with personnel wearing body armour and helmets. The patrol observed no change in the security situation.

The Mission continued monitoring in Odessa, Ivano-Frankivsk, Lviv, Kharkiv, Dnipro and Chernivtsi and Kyiv, and observed no change in the security situation.

***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 below). The SMM's operations in Donetsk and Luhansk regions remain restricted following [the fatal incident of 23 April 2017 near Pryshyb](#); these restrictions continued to limit the Mission's observations.

Denials:

- On 19 February, near Markyne (non-government-controlled, 94km south of Donetsk), a visibly armed member of the armed formations denied the Mission passage further east towards the border with the Russian Federation, citing “orders from his superiors”.

- On 20 February, at a checkpoint of the armed formations about 3km north of Petrivske (non-government-controlled, 41km south of Donetsk), a visibly armed member of the armed formations [for the third time](#) denied the SMM passage further south, citing “security reasons”, thus preventing the Mission from monitoring the security situation east of the disengagement area near Petrivske.
- On the same day, at a checkpoint near Starolaspa (non-government-controlled, 51km south of Donetsk), one visibly armed member of the armed formations denied the Mission passage towards the settlement citing “security reasons.”
- On 20 February, at a border crossing point near Izvaryne (non-government-controlled, 52km south-east of Luhansk), two members of the armed formations told the Mission to leave the area. (See above.)
- On the same day, in Pionerske (non-government-controlled, 19km east of Luhansk), one member of the armed formations denied the SMM passage further into the settlement, citing “security reasons”, preventing the patrol from conducting follow up activities to corroborate reported civilian casualties and conduct impact site assessments at that location.

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 19 February, an SMM mini-UAV was assessed as targeted by small arms fire while flying over areas near Staromykhailivka (non-government-controlled, 15km west of Donetsk). (See above).
- On the same day, while positioned in a residential area of Mykolaivka (government-controlled, 40km south of Donetsk), the Mission heard five outgoing mortar explosions at an assessed distance of about 200-300m north-west of its position. (See above).
- On 20 February, while positioned on the western outskirts of Horlivka (non-government-controlled, 39km north-east of Donetsk), the Mission heard two undetermined explosions at an assessed distance of about 50-60m west of its position. (See above.)
- On 19 February, an SMM long-range UAV experienced signal interference, assessed as caused by probable jamming, while flying over areas between Varvarivka (government-controlled, 81km north-west of Donetsk) and Zhelanne (government-controlled, 36km north-west of Donetsk), and between Andriivka (government-controlled, 79km north-west of Donetsk) and Yakovlivka (government-controlled, 88km north-west of Donetsk). The same UAV experienced dual signal interference, assessed as caused by jamming while flying over areas between Zhelanne and Andriivka.⁹
- On the same day, an SMM mid-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Lebedynske (government-controlled, 99km south of Donetsk).
- On 19 February, SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming during four flights: twice over areas near Lebedynske, once over areas

⁹ For cases of probable jamming and jamming mentioned in this section, the interference could have originated from anywhere within the radius of kilometres from the UAV’s positions.

near Oleksandrivka (non-government-controlled, 20km south-west of Donetsk) and once over areas near Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk).

Table of weapons

Weapons in violation of withdrawal lines

| Date | No. of weapons | Type of weapon | Location | Source of observation |
|--|----------------|---|---|-----------------------|
| Government-controlled areas | | | | |
| 19/2/2022 | 4 | Towed howitzer (2A36 <i>Giatsint-B</i> , 152mm) | Near Prokhorivka (53km south of Donetsk) | Patrol |
| Non-government-controlled areas | | | | |
| 19/2/2022 | 6 | Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm) | In a training area near Ternove (57km east of Donetsk) | Long-range UAV |
| | 5 | Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm) | At a compound near Metalist (7km north-west of Luhansk) | |
| | 1 | Surface-to-air missile system (9K33 <i>Osa</i>) | Near Novohryhorivka (33km west of Luhansk) | |
| 19/2/2022 | 1 | Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm) | In a residential area of Irmino (54km west of Luhansk) | Patrol |
| 20/2/2022 | 1 | Towed howitzer (D-30 <i>Lyagushka</i> , 122mm) | Near Kremynets (16km south-west of Donetsk) | Patrol |

Beyond withdrawal lines but outside of designated storage sites

| Date | No. of weapons | Type of weapon | Location | Source of observation |
|--|----------------|---|---|-----------------------|
| Non-government-controlled areas | | | | |
| 19/2/2022 | 20 | Tank (probable T-64B variant) | In a training area near Ternove (57km east of Donetsk), where imagery also revealed the presence of 23 armoured combat vehicles ¹⁰ | Long-range UAV |
| | 6 | Towed howitzer (D-30A <i>Lyagushka</i> , 122mm) | In a training area near Myrne (28km south-west of Luhansk), where imagery also revealed the presence of 36 armoured combat vehicles (34 BMP-variants and two armoured reconnaissance vehicles (BRDM-2)) and one anti-aircraft gun (2A13, ZU-23, 23mm) | |
| | 8 | Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm) | | |
| | 19 | Tank (type undetermined) | | |
| 20/2/2022 | 2 | Tank (T-64) | Near Uspenka (23km south-west of Luhansk) | Patrol |

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

| Date | No. | Type | Location | Source of observation |
|--|-----|--|--|-------------------------|
| Government-controlled areas | | | | |
| 19/2/2022 | 1 | Infantry fighting vehicle (BTR-3) | Near Hnutove (90km south of Donetsk) | Patrol |
| | 1 | Armoured reconnaissance vehicle (BRDM-2) | Near Novoselivka Druha (69km south of Donetsk) | |
| 20/2/2022 | 1 | Armoured personnel carrier (BTR-70) | Near Hnutove (90km south of Donetsk) | SMM camera near Hnutove |
| 20/2/2022 | 4 | Armoured reconnaissance vehicle (BRDM-2) | In a residential area in Prokhorivka (53km south of Donetsk) | Patrol |
| | 2 | Infantry fighting vehicle (BMP type) | Near Bohdanivka (41km south-west of Donetsk) | Patrol |
| Non-government-controlled areas | | | | |
| 20/2/2022 | 2 | Armoured personnel carrier (BTR-80) | Near Dubrivka (7km south-west of Donetsk) | Patrol |
| 20/2/2022 | 1 | Infantry fighting vehicle (BMP type) | In a residential area of Luhansk city | Patrol |
| | 1 | Armoured personnel carrier (BTR variant) | | |
| | 1 | Armoured personnel carrier (BTR variant) | | |

¹⁰ The armoured combat vehicles mentioned in this table are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

¹¹ 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 20 February 2022¹²

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|----------------|----------|-----------|--|--|---------------|---------------|
| SMM camera in Berezove (government-controlled, 31km SW of Donetsk) | 5-8km SE | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 01:49 |
| | 5-8km SE | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 01:51 |
| SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk) | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:35 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:39 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:40 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:41 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:42 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:44 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:49 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:50 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by the SMM camera in Hranitne) | N/K | 19-Feb, 03:51 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:55 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:56 |
| 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:57 | |

¹² 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 |
|---|----------------|----------|-----|-------------|--|--------|---------------|
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:58 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 03:59 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 04:01 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 04:02 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 04:04 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 04:05 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by the SMM camera in Hranitne) | N/K | 19-Feb, 04:07 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 04:09 |
| | 8-13km ESE | Recorded | 1 | Explosion | Undetermined (also recorded by SMM camera in Hranitne) | N/K | 19-Feb, 04:13 |
| SMM camera in Hranitne (government-controlled, 60km S of Donetsk) | 5-7km ESE | Recorded | 3 | Explosion | Undetermined (also recorded by SMM camera in Berezove) | N/K | 19-Feb, 01:26 |
| | 5-7km ESE | Recorded | 3 | Explosion | Undetermined (also recorded by SMM camera in Berezove) | N/K | 19-Feb, 01:36 |
| | 5-7km ESE | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 01:41 |
| | 5-7km ESE | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 01:50 |
| | 5-7km ESE | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 01:52 |
| SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre) | 3-5km NE | Recorded | 1 | Explosion | Undetermined | N/K | 18-Feb, 22:51 |
| | 2-3km NNE | Recorded | 6 | Explosion | Undetermined | N/K | 19-Feb, 02:26 |
| | 2-3km NNE | Recorded | 4 | Explosion | Undetermined | N/K | 19-Feb, 02:27 |
| SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk) | 4-6km WNW | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 01:32 |
| | 4-6km W | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 01:33 |
| | 4-6km W | Recorded | 1 | Explosion | Undetermined (assessed as | N/K | 19-Feb, 01:48 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|----------------|----------|--------------------|--------------------|---|---------------|---------------|
| | | | | | outside the disengagement area) | | |
| | 4-6km W | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 01:49 |
| SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk) | 4-6km NNE | Recorded | 1 | Illumination flare | In vertical flight | N/K | 18-Feb, 19:30 |
| | 4-6km NNE | Recorded | 1 | Illumination flare | In vertical flight | N/K | 18-Feb, 19:59 |
| | 4-6km NNE | Recorded | 1 | Illumination flare | In vertical flight | N/K | 18-Feb, 20:56 |
| | 5-7km N | Recorded | 3 | Explosion | Undetermined | N/K | 19-Feb, 01:33 |
| | 6-8km N | Recorded | 1 | Projectile | E to W | N/K | 19-Feb, 01:33 |
| | 5-7km N | Recorded | 4 | Explosion | Undetermined | N/K | 19-Feb, 01:34 |
| | 5-7km N | Recorded | 3 | Explosion | Undetermined | N/K | 19-Feb, 01:35 |
| | 5-7km N | Recorded | 10 | Explosion | Undetermined | N/K | 19-Feb, 01:36 |
| | 5-7km N | Recorded | 6 | Explosion | Undetermined | N/K | 19-Feb, 01:37 |
| | 5-7km N | Recorded | 6 | Explosion | Undetermined | N/K | 19-Feb, 01:39 |
| | 5-7km N | Recorded | 2 | Explosion | Undetermined | N/K | 19-Feb, 01:40 |
| | 5-7km N | Recorded | 3 | Explosion | Undetermined | N/K | 19-Feb, 01:41 |
| | 5-7km N | Recorded | 3 | Explosion | Undetermined | N/K | 19-Feb, 01:42 |
| | 5-7km N | Recorded | 2 | Explosion | Undetermined | N/K | 19-Feb, 01:43 |
| | 5-7km N | Recorded | 4 | Explosion | Undetermined | N/K | 19-Feb, 01:44 |
| | 5-7km N | Recorded | 4 | Explosion | Undetermined | N/K | 19-Feb, 01:46 |
| | 5-7km N | Recorded | 4 | Explosion | Undetermined | N/K | 19-Feb, 01:47 |
| | 5-7km N | Recorded | 4 | Explosion | Undetermined | N/K | 19-Feb, 01:48 |
| | 5-7km N | Recorded | 7 | Explosion | Undetermined | N/K | 19-Feb, 01:49 |
| | 5-7km N | Recorded | 2 | Explosion | Undetermined | N/K | 19-Feb, 01:50 |
| | 5-7km N | Recorded | 4 | Explosion | Undetermined | N/K | 19-Feb, 01:51 |
| | 5-7km N | Recorded | 4 | Explosion | Undetermined | N/K | 19-Feb, 01:52 |
| | 3-5km N | Recorded | 1 | Projectile | In vertical flight | N/K | 19-Feb, 01:57 |
| | 3-5km N | Recorded | 3 | Projectile | ESE to WNW | N/K | 19-Feb, 01:57 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 02:04 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 02:06 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 02:07 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 02:14 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 02:15 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:35 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:36 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:39 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:40 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:41 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:44 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:46 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:47 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:49 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:50 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:51 |
| 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:52 | |
| 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:54 | |
| 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:55 | |
| 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:56 | |
| 5-7km N | Recorded | 2 | Illumination flare | In vertical flight | N/K | 19-Feb, 03:57 | |
| 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:57 | |
| 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:58 | |
| 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 03:59 | |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--------------|----------------|----------|-----|-------------|--|--------|---------------|
| | 5-7km N | Recorded | 3 | Explosion | Undetermined | N/K | 19-Feb, 04:00 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 04:01 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 04:02 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 04:04 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 04:05 |
| | 5-7km N | Recorded | 2 | Explosion | Undetermined | N/K | 19-Feb, 04:07 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 04:09 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 04:10 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 04:13 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 04:15 |
| | 5-7km N | Recorded | 2 | Explosion | Undetermined | N/K | 19-Feb, 04:58 |
| | 5-7km NNE | Recorded | 5 | Explosion | Undetermined | N/K | 19-Feb, 04:58 |
| | 5-7km N | Recorded | 5 | Explosion | Undetermined | N/K | 19-Feb, 04:59 |
| | 5-7km NNE | Recorded | 7 | Explosion | Undetermined | N/K | 19-Feb, 04:59 |
| | 5-7km N | Recorded | 13 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:00 |
| | 5-7km NNE | Recorded | 11 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:00 |
| | 5-7km N | Recorded | 12 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:01 |
| | 5-7km NNE | Recorded | 13 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:01 |
| | 5-7km N | Recorded | 10 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:02 |
| | 5-7km NNE | Recorded | 13 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:02 |
| | 5-7km N | Recorded | 13 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:03 |
| | 5-7km NNE | Recorded | 12 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:03 |
| | 5-7km N | Recorded | 10 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:04 |
| | 5-7km NNW | Recorded | 1 | Explosion | Undetermined (also recorded by SMM cameras in | N/K | 19-Feb, 05:04 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|----------------|----------|-----|-------------|--|----------------------|---------------------|
| | | | | | Chermalyk and Hnutove) | | |
| | 5-7km NNE | Recorded | 13 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:04 |
| | 5-7km N | Recorded | 12 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:05 |
| | 5-7km NNE | Recorded | 11 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:05 |
| | 5-7km N | Recorded | 8 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:06 |
| | 5-7km NNE | Recorded | 6 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:06 |
| | 5-7km N | Recorded | 11 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:07 |
| | 5-7km NNE | Recorded | 4 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:07 |
| | 5-7km N | Recorded | 11 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:08 |
| | 5-7km NNE | Recorded | 3 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:08 |
| | 5-7km N | Recorded | 9 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:09 |
| | 5-7km NNE | Recorded | 2 | Explosion | Undetermined (also recorded by SMM cameras in Chermalyk and Hnutove) | N/K | 19-Feb, 05:09 |
| | 3-5km N | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 05:32 |
| Horlivka (non-government-controlled, 39km NE of Donetsk) | 3-6km NW | Heard | 12 | Explosion | Undetermined | Artillery (type N/K) | 18-Feb, 22:39-22:40 |
| Donetsk city center (non-government-controlled) | 5-7km NNE | Heard | 2 | Explosion | Undetermined | N/K | 19-Feb, 02:47 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|----------------|---------------|-----|-------------|--|-------------------|---------------------|
| Svitlodarsk (government-controlled, 57km NE of Donetsk) | 3-5km SE | Heard | 5 | Explosion | Undetermined | N/K | 19-Feb, 07:32-07:38 |
| | 3-5km SE | Heard | 4 | Explosion | Undetermined | N/K | 19-Feb, 07:48-07:50 |
| | 3-5km E | Heard | 8 | Explosion | Undetermined | N/K | 19-Feb, 08:16-08:20 |
| | 3-4km ESE | Heard | 500 | Shot | | Small arms | 19-Feb, 08:25-08:29 |
| | 3-5km SE | Heard | 9 | Explosion | Undetermined | N/K | 19-Feb, 08:25-08:30 |
| Horlivka (non-government-controlled, 39km NE of Donetsk) | 4-6km NW | Heard | 6 | Explosion | Undetermined | N/K | 19-Feb, 07:44-07:56 |
| | 3-5km SW | Heard | 9 | Explosion | Undetermined | N/K | 19-Feb, 09:32-09:40 |
| | 3-5km SW | Heard | 6 | Burst | | Small arms | 19-Feb, 09:32-09:40 |
| | 5-6km NNW | Heard | 5 | Explosion | Undetermined | N/K | 19-Feb, 12:30-12:37 |
| About 6km WNW of Horlivka (non-government-controlled, 39km NE of Donetsk) | 4km N | Heard | 9 | Explosion | Undetermined | N/K | 19-Feb, 09:30-09:40 |
| | 4km S | Heard | 4 | Explosion | Undetermined | N/K | 19-Feb, 09:30-09:40 |
| | 4km S | Heard | 15 | Burst | | HMG | 19-Feb, 09:30-09:40 |
| | 4km SSW | Heard | 4 | Explosion | Undetermined | N/K | 19-Feb, 09:59 |
| About 5km W of Horlivka (non-government-controlled, 39km NE of Donetsk) | 3km W | Heard | 2 | Explosion | Undetermined | N/K | 19-Feb, 13:05 |
| About 2km SSE of Kamianka (government-controlled, 20km N of Donetsk) | 3-5km SSW | Heard | 11 | Explosion | Undetermined | N/K | 19-Feb, 09:21-09:32 |
| SE part of Avdiivka (government-controlled, 17km N of Donetsk) | | | | | Undetermined | | |
| | 1km SE | Heard | 6 | Explosion | | N/K | 19-Feb, 08:42-08:44 |
| About 2km S of Avdiivka (government-controlled, 17km N of Donetsk) | 1-2km SE | Heard | 4 | Explosion | Undetermined | N/K | 19-Feb, 09:20-09:23 |
| | 1-2km SE | Heard | 4 | Explosion | Undetermined | N/K | 19-Feb, 09:26-09:28 |
| | 1-2km SE | Heard | 6 | Explosion | Undetermined | N/K | 19-Feb, 09:32-09:36 |
| | 1-2km SE | Heard | 56 | Burst | Undetermined | HMG | 19-Feb, 09:32-09:36 |
| About 1.5km WNW of Yasyuvata (non-government-controlled, 16km NE of Donetsk) | 1.5-2km SW | Heard | 6 | Explosion | Undetermined | N/K | 19-Feb, 08:45-08:48 |
| | 2km SW | Heard | 2 | Burst | Undetermined | HMG | 19-Feb, 09:40 |
| | 2-4km SW | Heard | 20 | Burst | Undetermined | HMG | 19-Feb, 09:25-09:35 |
| | 2-4km SW | Heard | 9 | Explosion | Undetermined | N/K | 19-Feb, 09:25-09:35 |
| Checkpoint near Kremynets (non-government-controlled, 16km SW of Donetsk) | 2km NW | Heard | 16 | Explosion | Outgoing | N/K | 19-Feb, 11:45-12:00 |
| | 4-6km N | Heard | 8 | Explosion | Impact | N/K | 19-Feb, 11:45-12:00 |
| About 3km NNE of Petrovskiyi (non-government-controlled, 15km SW of Donetsk) | 1-2km E | Heard | 15 | Explosion | Outgoing | N/K | 19-Feb, 09:25-09:31 |
| | 8-9km SSW | Heard | 13 | Explosion | Impact | N/K | 19-Feb, 09:26-09:31 |
| About 3km ENE of Petrovskiyi (non-government-controlled, 15km SW of Donetsk) | 7-9km WSW | Heard | 5 | Explosion | Undetermined | N/K | 19-Feb, 13:02-13:04 |
| About 3.5km S of Staromykhailivka (non-government-controlled, 15km W of Donetsk) | 2-3km W | Heard | 5 | Explosion | Undetermined | N/K | 19-Feb, 09:46 |
| | 3-4km SW | Heard | 44 | Explosion | Undetermined | N/K | 19-Feb, 10:08-10:31 |
| About 2.5km SSW of Staromykhailivka (non-government-controlled, 15km W of Donetsk) | 1.2km W | Heard and saw | 3 | Explosion | Undetermined | N/K | 19-Feb, 10:57-10:58 |
| About 4.5km SW of Staromykhailivka (non-government-controlled, 15km W of Donetsk) | 5-6km N | Heard | 5 | Explosion | Undetermined | N/K | 19-Feb, 11:10-11:32 |
| | 1.1km NW | Heard | 300 | Burst | | Small arms | 19-Feb, 11:26-11:28 |
| | 1.1km NW | Heard | 50 | Shot | | Small arms | 19-Feb, 11:26-11:28 |
| About 5.5km SW of Staromykhailivka (non-government-controlled, 15km W of Donetsk) | 2km S | Heard | 7 | Explosion | Undetermined | N/K | 19-Feb, 11:50 |
| Mykolaivka (government-controlled, 40km S of Donetsk) | 200-300m NNW | Heard | 5 | Explosion | Outgoing | Mortar (type N/K) | 19-Feb, 10:05 |
| About 1.5km NW of Bohdanivka (government-controlled, 41km SW of Donetsk) | 2-3km N | Heard | 1 | Explosion | Undetermined (assessed as outside the disengagement) | N/K | 19-Feb, 11:02 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|---|-----------|----------|--------------|---|--|---------------------|
| | | | | | area near Petrivske) | | |
| | 2-3km N | Heard | 4 | Explosion | Outgoing (assessed as outside the disengagement area near Petrivske) | Mortar (type N/K) | 19-Feb, 11:05-11:10 |
| About 700m NE of Zernove (non-government-controlled, 70km S of Donetsk) | 3-5km E | Heard | 3 | Explosion | Undetermined | N/K | 19-Feb, 12:14-12:20 |
| SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk) | 4-6km ESE | Recorded | 2 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 18-Feb, 23:17 |
| | 4-6km ESE | Recorded | 2 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 18-Feb, 23:18 |
| | 4-6km ESE | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 18-Feb, 23:37 |
| | 4-6km ESE | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 18-Feb, 23:41 |
| | 3-5km ESE | Recorded | 1 | Explosion | Undetermined | N/K | 18-Feb, 23:52 |
| | 4-6km ESE | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 19-Feb, 21:57 |
| | SMM camera at Prince Ihor Monument SE of Stanytsia Luhanska bridge (15km NE of Luhansk) | 2-4km NNW | Recorded | 1 | Muzzle flash | Assessed as outside the disengagement area near Stanytsia Luhanska | |
| 2-3km NNW | | Recorded | 1 | Projectile | NW to SE (subsequent to previous event, assessed as outside the disengagement area near Stanytsia Luhanska) | | 19-Feb, 17:51 |
| 2-3km NNW | | Recorded | 1 | Muzzle flash | Assessed as outside the disengagement area near Stanytsia Luhanska | | 19-Feb, 17:53 |
| 2-3km NNW | | Recorded | 1 | Muzzle flash | Assessed as outside the disengagement area near | | 19-Feb, 17:54 |
| | | | | | | | |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|----------------|----------|-----|-------------|---|--------|---------------------|
| | | | | | Stanytsia Luhanska | | |
| | 2-3km NNW | Recorded | 1 | Projectile | NW to SE (subsequent to previous event, assessed as outside the disengagement area near Stanytsia Luhanska) | | 19-Feb, 17:54 |
| SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk) | 5-7km WSW | Recorded | 8 | Explosion | Undetermined | | 19-Feb, 17:46 |
| | 5-7km WSW | Recorded | 4 | Explosion | Undetermined | | 19-Feb, 18:04 |
| | 5-7km WSW | Recorded | 8 | Explosion | Undetermined | | 19-Feb, 18:05 |
| SMM camera in Zolote (government-controlled, 60km W of Luhansk) | 2-4km ESE | Recorded | 1 | Explosion | Undetermined (unable to assess if inside or outside the disengagement area) | N/K | 18-Feb, 21:45 |
| | 2-4km ESE | Recorded | 1 | Explosion | Undetermined (unable to assess if inside or outside the disengagement area) | N/K | 18-Feb, 21:45 |
| | 1-3km E | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 18-Feb, 21:47 |
| | 3-5km ESE | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 18-Feb, 21:48 |
| | 3-5km ESE | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 18-Feb, 21:52 |
| | 2-4km SSE | Recorded | 1 | Explosion | Undetermined (assessed as inside disengagement area) | N/K | 18-Feb, 23:15 |
| | 2-4km SSE | Recorded | 1 | Explosion | Undetermined (assessed as inside the disengagement area) | N/K | 18-Feb, 23:16 |
| | 1-2km NW | Recorded | 1 | Explosion | Undetermined (assessed as inside the disengagement area) | N/K | 19-Feb, 00:50 |
| | 4-6km SW | Heard | 1 | Explosion | Undetermined | N/K | 18-Feb, 23:39 |
| Stanytsia Luhanska (government-controlled, 16km NE of Luhansk) | 4-6km SW | Heard | 12 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 10:08-10:10 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--------------|----------------|-------|-----|-------------|---|------------|---------------------|
| | 4-6km SW | Heard | 18 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 10:18-10:20 |
| | 1.5-2km SSE | Heard | 11 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 11:02-11:09 |
| | 1km SW | Heard | 2 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 11:11-11:14 |
| | 1km SSW | Heard | 3 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 11:19-11:20 |
| | 10-15km W | Heard | 32 | Explosion | Undetermined | N/K | 19-Feb, 13:07-14:00 |
| | 4-6km W | Heard | 32 | Explosion | Undetermined | N/K | 19-Feb, 13:07-14:00 |
| | 4-6km W | Heard | 4 | Burst | | Small arms | 19-Feb, 13:07-14:00 |
| | 4-6km W | Heard | 28 | Burst | | HMG | 19-Feb, 13:07-14:00 |
| | 10-15km W | Heard | 8 | Explosion | Undetermined | N/K | 19-Feb, 14:05-14:15 |
| | 4-6km W | Heard | 8 | Explosion | Undetermined | N/K | 19-Feb, 14:05-14:15 |
| | 4-6km W | Heard | 1 | Burst | | HMG | 19-Feb, 14:05-14:15 |
| | 2-4km WNW | Heard | 7 | Explosion | Undetermined | N/K | 19-Feb, 16:35-16:40 |
| | 10-15km W | Heard | 20 | Explosion | Undetermined | N/K | 19-Feb, 17:45-18:05 |
| | 3-5km S | Heard | 50 | Burst | Assessed as outside the disengagement area | HMG | 19-Feb, 17:25-17:55 |
| | 3-5km S | Heard | 40 | Burst | Assessed as outside the disengagement area | Small arms | 19-Feb, 17:25-18:06 |
| | 3-5km S | Heard | 3 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 17:50-18:05 |
| | 4-6km W | Heard | 20 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 15:15-15:30 |
| | 3-6km WNW | Heard | 7 | Explosion | Undetermined | N/K | 19-Feb, 16:15-16:16 |
| | 3-5km W | Heard | 8 | Explosion | Undetermined | N/K | 19-Feb, 16:42-16:45 |
| | 2-4km WNW | Heard | 7 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 16:35-16:40 |
| | 3-5km W | Heard | 8 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 16:42-16:45 |
| | 4-6km SW | Heard | 12 | Explosion | Undetermined (assessed as outside the | N/K | 19-Feb, 10:08-10:10 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|---|----------------|-------|-----|-------------|---|----------------------|---------------------|
| | | | | | disengagement area) | | |
| | 4-6km SW | Heard | 18 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 10:18-10:20 |
| Zolote (government-controlled, 60km W of Luhansk) | 1-3km SW | Heard | 7 | Explosion | Undetermined (assessed as inside the disengagement area) | N/K | 19-Feb, 11:26-11:27 |
| | 5-8km SSW | Heard | 31 | Explosion | Undetermined | N/K | 19-Feb, 11:30-12:20 |
| Zolote-2/Karbonit (government-controlled, 62km W of Luhansk) | 6-8km SSW | Heard | 6 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 12:50-12:52 |
| Zolote-3/Stakhanovets (government-controlled, 61km W of Luhansk) | 7-12km SSW | Heard | 16 | Explosion | Undetermined | N/K | 19-Feb, 12:27-12:33 |
| Shchastia (government-controlled, 20km N of Luhansk) | 1-28km SSW | Heard | 5 | Explosion | Undetermined | N/K | 19-Feb, 11:35-11:41 |
| | 700-800m SE | Heard | 2 | Shot | | Small arms | 19-Feb, 11:35-11:41 |
| W edge of Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk) | 4-6km NW | Heard | 7 | Explosion | Outgoing | Artillery (type N/K) | 18-Feb, 18:30-18:45 |
| | 10-15km WSW | Heard | 10 | Explosion | Undetermined | N/K | 18-Feb, 19:20-19:45 |
| | 8-10km WSW | Heard | 10 | Explosion | Undetermined | N/K | 19-Feb, 12:10-12:30 |
| | 5-7km W | Heard | 3 | Explosion | Undetermined | N/K | 19-Feb, 12:10-12:30 |
| Pervomaisk (non-government-controlled, 58km W of Luhansk) | 3-5km SW | Heard | 4 | Explosion | Undetermined | N/K | 19-Feb, 13:50 |
| | 3-5km SW | Heard | 6 | Explosion | Undetermined | N/K | 19-Feb, 12:20-12:35 |
| | 3-5km S | Heard | 2 | Explosion | Undetermined | N/K | 19-Feb, 12:20-12:35 |
| | 3-5km W | Heard | 2 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 19-Feb, 12:20-12:35 |
| | 1-2km SW | Heard | 1 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 19-Feb, 12:20-12:35 |
| | 5-7km SW | Heard | 3 | Explosion | Undetermined | N/K | 19-Feb, 12:20-12:35 |
| Zolote-5/Mykhailivka (non-government-controlled, 60km W of Luhansk) | 5-7km W | Heard | 8 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 19-Feb, 11:24-11:33 |
| N outskirts of Luhansk (non-government-controlled) | 10km NW | Heard | 2 | Explosion | Undetermined | N/K | 19-Feb, 13:01-13:05 |
| N edge of Popasna (government-controlled, 69km W of Luhansk). | 3-6km ESE | Heard | 21 | Explosion | Undetermined | Artillery (type N/K) | 19-Feb, 16:20-17:20 |
| W edge of Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk) | 8-12km W | Heard | 53 | Explosion | Undetermined | N/K | 19-Feb, 16:30-17:25 |
| | 6-8km WNW | Heard | 35 | Explosion | Outgoing | Artillery (type N/K) | 19-Feb, 16:30-17:25 |
| | 12-15km WNW | Heard | 17 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 19-Feb, 16:30-17:25 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|--|------------|----------|--------------|---|--|---------------------|
| | 5-7km NW | Heard | 6 | Explosion | Outgoing | Artillery (type N/K) | 19-Feb, 16:30-17:25 |
| | 12-15km W | Heard | 11 | Explosion | Undetermined | N/K | 19-Feb, 16:30-17:25 |
| | 5-7km W | Heard | 12 | Explosion | Outgoing | Artillery (type N/K) | 19-Feb, 16:30-17:25 |
| Horlivka (non-government-controlled, 39km NE of Donetsk) | 1-2km S | Heard | 2 | Explosion | Outgoing | N/K | 19-Feb, 12:09 |
| | 1-2km W | Heard | 2 | Explosion | Undetermined | N/K | 19-Feb, 12:31-12:32 |
| | 1-2km W | Heard | 4 | Explosion | Undetermined | N/K | 19-Feb, 12:32-12:47 |
| SMM camera in Avdiivka (government-controlled, 17km N of Donetsk) | 3-5km SSE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:26 |
| | 3-5km SSE | Recorded | 2 | Explosion | Undetermined | N/K | 20-Feb, 01:27 |
| | 3-5km SSE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:28 |
| | 3-5km SE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:06 |
| | 3-5km ESE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:08 |
| | 3-5km SE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:09 |
| | 3-5km ESE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:10 |
| | 3-5km SE | Recorded | 1 | Explosion | Airburst | N/K | 20-Feb, 01:11 |
| | 3-5km ESE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:12 |
| | 3-5km ESE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:13 |
| | 3-5km ESE | Recorded | 1 | Projectile | W to E | N/K | 20-Feb, 01:21 |
| | 3-5km ESE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:21 |
| | 3-5km ESE | Recorded | 2 | Explosion | Undetermined | N/K | 20-Feb, 01:21 |
| | 4-6km ESE | Recorded | 3 | Muzzle flash | | N/K | 20-Feb, 01:23 |
| | 4-6km ESE | Recorded | 3 | Projectile | W to E (subsequent to previous event) | N/K | 20-Feb, 01:23 |
| | 4-6km ESE | Recorded | 3 | Explosion | Impact (subsequent to previous event) | N/K | 20-Feb, 01:23 |
| | SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk) | 100-200m S | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area near Petrivske) | N/K |
| 500-700m S | | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area near Petrivske) | N/K | 20-Feb, 15:13 |
| SMM camera at Donetsk Filtration Station (15km N of Donetsk) | 1-3km SSW | Recorded | 2 | Projectile | Also recorded by SMM cameras in Avdiivka | N/K | 20-Feb, 18:33 |
| | 1-3km SSE | Recorded | 2 | Explosion | Airburst (subsequent to previous event, also recorded by SMM cameras in Avdiivka) | N/K | 20-Feb, 18:33 |
| SMM camera in Hranitne (government-controlled, 60km S of Donetsk) | 1-3km E | Recorded | 1 | Projectile | SE to NW | N/K | 19-Feb, 21:02 |
| | 3-5km SE | Recorded | 2 | Explosion | Undetermined | N/K | 20-Feb, 01:24 |
| | 3-5km SE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:25 |
| | 3-5km SE | Recorded | 3 | Explosion | Undetermined | N/K | 20-Feb, 01:26 |
| | 3-5km SE | Recorded | 2 | Explosion | Undetermined | N/K | 20-Feb, 01:27 |
| | 2-4km ESE | Recorded | 1 | Projectile | S to N | N/K | 20-Feb, 01:37 |
| SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk) | 1-2km N | Recorded | 1 | Projectile | In vertical flight | N/K | 19-Feb, 23:06 |
| | 1-2km N | Recorded | 2 | Projectile | WSW to ENE | N/K | 19-Feb, 23:09 |
| | 4-5km N | Recorded | 2 | Projectile | WSW to ENE | N/K | 19-Feb, 23:10 |
| | 4-6km NE | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 23:14 |
| | 4-5km NNE | Recorded | 1 | Projectile | WSW to ENE | N/K | 19-Feb, 23:17 |
| | 5-6km NNE | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 23:17 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|---|----------------|----------|-----|--------------|---|--------|---------------|
| | 4-5km NNE | Recorded | 2 | Projectile | WSW to ENE | N/K | 19-Feb, 23:18 |
| | 4-6km NNE | Recorded | 2 | Explosion | Undetermined (subsequent to previous event) | N/K | 19-Feb, 23:18 |
| | 4-5km NNE | Recorded | 1 | Explosion | Airburst | N/K | 19-Feb, 23:19 |
| | 2-4km NNE | Recorded | 10 | Projectile | WSW to ENE | N/K | 19-Feb, 23:20 |
| | 2-4km NNE | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 23:21 |
| | 4-5km NNE | Recorded | 1 | Muzzle flash | | N/K | 19-Feb, 23:23 |
| | 4-5km NNE | Recorded | 1 | Projectile | WSW to ENE (subsequent to previous event) | N/K | 19-Feb, 23:23 |
| | 5-6km NNE | Recorded | 1 | Explosion | Undetermined (subsequent to previous event) | N/K | 19-Feb, 23:23 |
| | 4-5km NNE | Recorded | 1 | Muzzle flash | | N/K | 19-Feb, 23:24 |
| | 4-6km NNE | Recorded | 1 | Projectile | WSW to ENE (subsequent to previous event) | N/K | 19-Feb, 23:24 |
| | 0.5-1km NNE | Recorded | 2 | Projectile | WNW to ESE | N/K | 19-Feb, 23:26 |
| | 2-4km NNE | Recorded | 1 | Projectile | WNW to ESE | N/K | 19-Feb, 23:33 |
| | 2-4km NNE | Recorded | 1 | Projectile | WNW to ESE | N/K | 19-Feb, 23:34 |
| | 2-4km NNE | Recorded | 1 | Projectile | WNW to ESE | N/K | 19-Feb, 23:36 |
| | 2-4km N | Recorded | 1 | Muzzle flash | | N/K | 19-Feb, 23:37 |
| | 2-4km NE | Recorded | 2 | Projectile | ESE to WNW | N/K | 19-Feb, 23:55 |
| | 2-4km ENE | Recorded | 1 | Projectile | ESE to WNW | N/K | 19-Feb, 23:57 |
| | 2-4km NE | Recorded | 1 | Projectile | SSE to NNW | N/K | 19-Feb, 23:59 |
| | 3-5km NNE | Recorded | 1 | Explosion | Undetermined (subsequent to previous event) | N/K | 19-Feb, 23:59 |
| | 2-4km NNE | Recorded | 1 | Projectile | SE to NW | N/K | 20-Feb, 00:00 |
| | 2-4km NNE | Recorded | 1 | Projectile | SE to NW | N/K | 20-Feb, 00:02 |
| | 2-4km NNE | Recorded | 1 | Explosion | Undetermined (subsequent to previous event) | N/K | 20-Feb, 00:02 |
| | 2-4km NNE | Recorded | 2 | Explosion | Undetermined | N/K | 20-Feb, 00:53 |
| | 2-4km NNE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 00:54 |
| | 2-4km NNE | Recorded | 3 | Explosion | Undetermined | N/K | 20-Feb, 00:55 |
| | 2-4km NNE | Recorded | 2 | Explosion | Undetermined | N/K | 20-Feb, 00:56 |
| | 2-4km NNE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:04 |
| | 2-4km NE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:06 |
| | 2-4km NE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:10 |
| | 2-4km NE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:11 |
| | 2-4km NE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:23 |
| SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre) | 2-3km W | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 23:04 |
| | 2-3km W | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 23:06 |
| | 2-3km W | Recorded | 3 | Explosion | Undetermined | N/K | 19-Feb, 23:08 |
| | 2-3km W | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 23:09 |
| | 2-3km W | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 23:10 |
| | 2-3km W | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 23:11 |
| | 4-5km WSW | Recorded | 6 | Muzzle flash | | N/K | 19-Feb, 23:18 |
| | 4-5km WSW | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 23:33 |
| | 4-6km WSW | Recorded | 5 | Explosion | Undetermined | N/K | 20-Feb, 00:52 |
| | 4-6km WSW | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 00:53 |
| | 4-6km WSW | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 00:54 |
| | 4-6km WSW | Recorded | 2 | Explosion | Undetermined | N/K | 20-Feb, 00:55 |
| | 4-6km WSW | Recorded | 2 | Explosion | Undetermined | N/K | 20-Feb, 00:56 |
| | 4-6km WSW | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:04 |
| | 4-6km WSW | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:05 |
| | 4-6km WSW | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 01:06 |
| | 1-3km W | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 05:36 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|---|---------------|----------|--------------------|--------------------|----------------------|---------------------|
| | 1-3km W | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 05:37 |
| | 5-7km ENE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 05:33 |
| SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk) | 5-7km N | Recorded | 1 | Illumination flare | In vertical flight | N/K | 19-Feb, 19:51 |
| | 5-7km N | Recorded | 9 | Projectile | WSW to ENE | N/K | 19-Feb, 21:52 |
| | 5-7km NNW | Recorded | 2 | Explosion | Undetermined | N/K | 19-Feb, 22:54 |
| | 5-7km N | Recorded | 6 | Projectile | WSW to ENE | N/K | 19-Feb, 23:07 |
| | 5-7km N | Recorded | 4 | Projectile | ESE to WNW | N/K | 19-Feb, 23:08 |
| | 5-7km N | Recorded | 6 | Projectile | WSW to ENE | N/K | 19-Feb, 23:08 |
| | 5-7km N | Recorded | 2 | Projectile | WSW to ENE | N/K | 19-Feb, 23:52 |
| | 5-7km N | Recorded | 7 | Projectile | ESE to WNW | N/K | 20-Feb, 00:03 |
| | 5-7km N | Recorded | 8 | Projectile | ESE to WNW | N/K | 20-Feb, 00:04 |
| | 5-7km N | Recorded | 1 | Projectile | ESE to WNW | N/K | 20-Feb, 00:15 |
| | 5-7km N | Recorded | 4 | Projectile | ESE to WNW | N/K | 20-Feb, 00:16 |
| | 5-7km N | Recorded | 2 | Projectile | ESE to WNW | N/K | 20-Feb, 00:18 |
| | 5-7km N | Recorded | 4 | Projectile | ESE to WNW | N/K | 20-Feb, 00:46 |
| | 5-7km N | Recorded | 2 | Projectile | ESE to WNW | N/K | 20-Feb, 00:47 |
| | 5-7km N | Recorded | 1 | Projectile | ESE to WNW | N/K | 20-Feb, 00:48 |
| | 5-7km N | Recorded | 2 | Projectile | WSW to ENE | N/K | 20-Feb, 01:20 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 02:24 |
| | 5-7km N | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 02:25 |
| | 5-7km N | Recorded | 2 | Explosion | Undetermined | N/K | 20-Feb, 02:27 |
| | 5-7km NNW | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 02:28 |
| | 5-7km N | Recorded | 2 | Explosion | Undetermined | N/K | 20-Feb, 02:29 |
| | 5-7km NNW | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 02:29 |
| | 4-6km N | Recorded | 1 | Projectile | E to W | N/K | 20-Feb, 18:12 |
| | SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk) | 3-5km SW | Recorded | 15 | Explosion | Airburst | N/K |
| 3-5km SW | | Recorded | 4 | Explosion | Undetermined | N/K | 20-Feb, 04:52 |
| 3-5km SW | | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 04:53 |
| Horlivka (non-government-controlled, 39km NE of Donetsk) | 3-5km NW | Heard | 10 | Explosion | Undetermined | N/K | 19-Feb, 18:55-19:06 |
| | 3-4km NW | Heard | 3 | Explosion | Undetermined | N/K | 19-Feb, 19:16 |
| | 5-6km NW | Heard | 3 | Explosion | Undetermined | N/K | 19-Feb, 19:16 |
| | 3-4km NW | Heard | 3 | Explosion | Undetermined | N/K | 20-Feb, 09:01 |
| | 3-4km NW | Heard | 2 | Explosion | Undetermined | N/K | 20-Feb, 09:54 |
| | 3-4km NW | Heard | 3 | Explosion | Undetermined | N/K | 20-Feb, 16:46 |
| About 5km W of Horlivka (non-government-controlled, 39km NE of Donetsk) | 50-60m W | Heard and saw | 2 | Explosion | Impact | N/K | 20-Feb, 09:50 |
| Donetsk city center (non-government-controlled) | 5-8km WNW | Heard | 9 | Explosion | Outgoing | N/K | 20-Feb, 01:00-01:05 |
| | 5-8km WNW | Heard | 5 | Explosion | Outgoing | N/K | 20-Feb, 01:15-01:35 |
| | 5-8km WNW | Heard | 4 | Explosion | Outgoing | N/K | 20-Feb, 01:40-01:55 |
| | 5-8km WNW | Heard | 28 | Explosion | Outgoing | N/K | 20-Feb, 02:45-03:00 |
| | 5-8km WNW | Heard | 3 | Explosion | Outgoing | N/K | 20-Feb, 03:00-03:30 |
| | 1-3km W | Heard | 17 | Explosion | Outgoing | N/K | 20-Feb, 03:05-03:35 |
| | 5-8km WNW | Heard | 2 | Explosion | Undetermined | N/K | 20-Feb, 04:27-04:30 |
| | 5-8km WNW | Heard | 20 | Explosion | Undetermined | N/K | 20-Feb, 05:02-05:10 |
| | 5-8km WNW | Heard | 6 | Explosion | Undetermined | N/K | 20-Feb, 05:21-05:29 |
| | 7-8km SW | Heard | 34 | Explosion | Undetermined | N/K | 20-Feb, 09:30-09:40 |
| | 7-8km SW | Heard | 22 | Explosion | Outgoing | N/K | 20-Feb, 09:45-10:00 |
| | 7-8km SW | Heard | 3 | Explosion | Outgoing | N/K | 20-Feb, 10:10-10:15 |
| | 8-10km NNW | Heard | 15 | Explosion | Undetermined | N/K | 20-Feb, 09:55-11:01 |
| | 5-6km NNW | Heard | 1 | Explosion | Undetermined | N/K | 20-Feb, 11:55 |
| Near Kremynets (non-government-controlled, 16km SW of Donetsk) | 2km NW | Heard | 11 | Explosion | Outgoing | Artillery (type N/K) | 20-Feb, 09:55-10:02 |
| | 15km W | Heard | 11 | Explosion | Impact | Artillery (type N/K) | 20-Feb, 09:55-10:02 |
| | 1km S | Heard | 1 | Explosion | Outgoing | Artillery (type N/K) | 20-Feb, 09:55-10:02 |
| | 1km SW | Heard | 1 | Explosion | Outgoing | Artillery (type N/K) | 20-Feb, 09:55-10:02 |

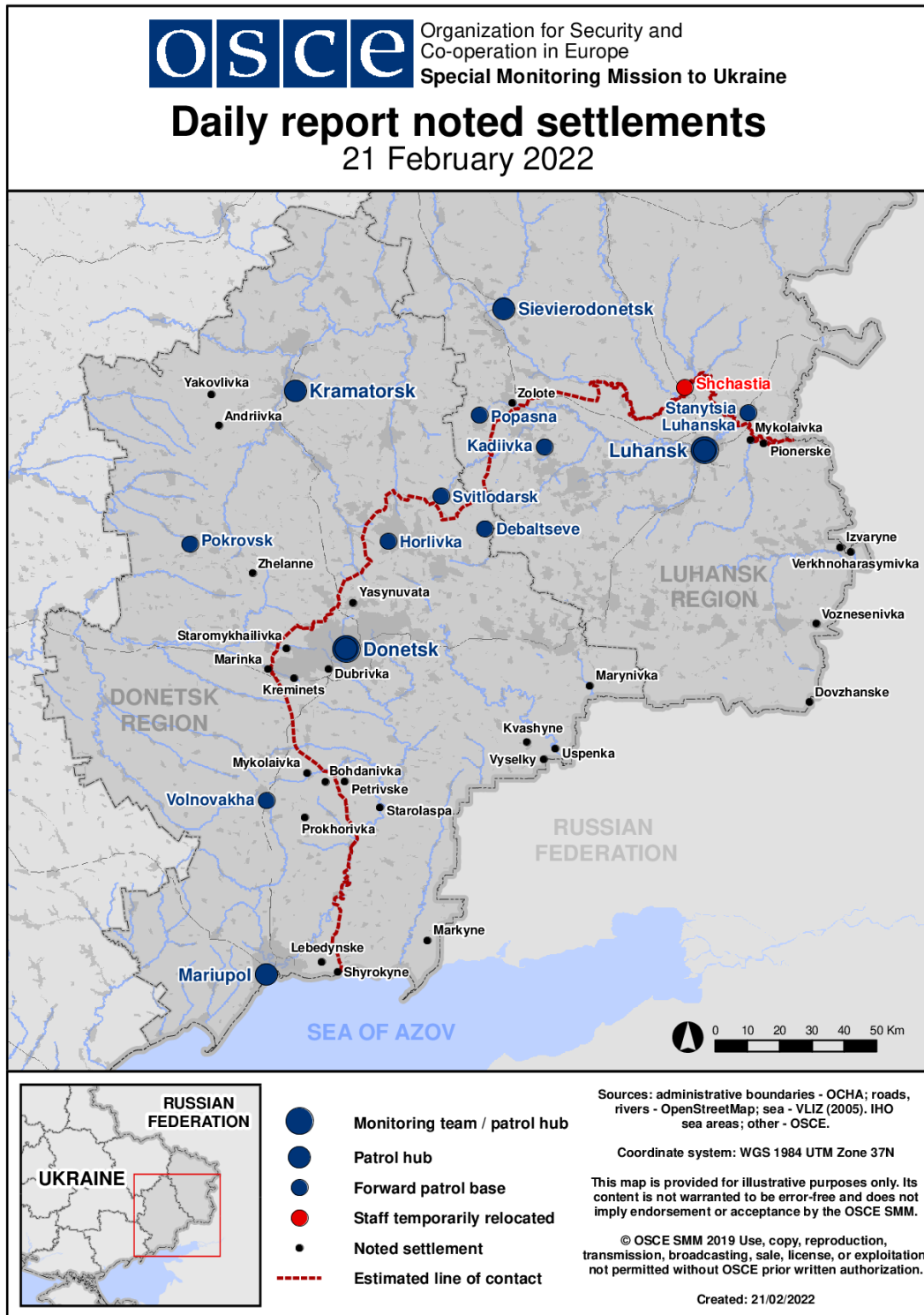
| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|---|----------------|----------|-----|--------------------|---|------------|---------------------|
| About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk) | 3-4km NW | Heard | 3 | Shot | | Small arms | 20-Feb, 09:16 |
| | 8km SW | Heard | 33 | Explosion | Undetermined | N/K | 20-Feb, 09:32-09:43 |
| | 8km SW | Heard | 16 | Explosion | Undetermined | N/K | 20-Feb, 09:53-10:05 |
| Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk) | 6-8km SW | Heard | 50 | Explosion | Undetermined | N/K | 20-Feb, 10:27-10:42 |
| Staromykhailivka (non-government-controlled, 15km W of Donetsk) | 1-3km W | Heard | 2 | Explosion | Undetermined | N/K | 20-Feb, 13:42 |
| About 2km NE of Starolaspa (non-government-controlled, 51km S of Donetsk) | 4-6km NW | Heard | 3 | Explosion | Undetermined | N/K | 20-Feb, 14:32 |
| | 4-6km NW | Heard | 11 | Explosion | Undetermined | N/K | 20-Feb, 14:33-14:37 |
| | 4-6km NW | Heard | 5 | Explosion | Undetermined | N/K | 20-Feb, 14:38-14:45 |
| | 4-6km NW | Heard | 2 | Explosion | Undetermined | N/K | 20-Feb, 14:50 |
| About 2km SSE of Kamianka (government-controlled, 20km N of Donetsk) | 4-6km S | Heard | 4 | Explosion | Undetermined | N/K | 20-Feb, 09:41 |
| About 600m NE of Lebedynske (government-controlled, 99km S of Donetsk) | 3-4km N | Heard | 3 | Explosion | Undetermined | N/K | 20-Feb, 10:12 |
| About 3km SW of Lebedynske (government-controlled, 99km S of Donetsk) | 4km NNE | Heard | 8 | Explosion | Undetermined | N/K | 20-Feb, 13:20-13:30 |
| Hnutove (government-controlled, 90km S of Donetsk) | 4-6km ENE | Heard | 2 | Explosion | Undetermined | N/K | 20-Feb, 11:55 |
| SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk) | 1-2km SSW | Recorded | 1 | Illumination flare | In vertical flight | N/K | 19-Feb, 20:56 |
| | 1-3km S | Recorded | 1 | Illumination flare | In vertical flight | N/K | 19-Feb, 21:01 |
| | 1-3km S | Recorded | 1 | Illumination flare | In vertical flight | N/K | 19-Feb, 23:00 |
| | 1-2km SW | Recorded | 1 | Illumination flare | In vertical flight | N/K | 19-Feb, 23:02 |
| | 1-3km SSW | Recorded | 1 | Illumination flare | In vertical flight | N/K | 20-Feb, 01:00 |
| | 2-4km S | Recorded | 1 | Illumination flare | In vertical flight | N/K | 20-Feb, 03:03 |
| SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk) | 4-5km ESE | Recorded | 1 | Explosion | Undetermined | N/K | 19-Feb, 21:14 |
| | 2-4km SSE | Recorded | 2 | Explosion | Undetermined | N/K | 20-Feb, 17:52 |
| | 2-4km SSE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 17:54 |
| | 2-4km SSE | Recorded | 3 | Explosion | Undetermined | N/K | 20-Feb, 17:55 |
| | 2-4km SSE | Recorded | 2 | Explosion | Undetermined | N/K | 20-Feb, 17:57 |
| | 2-4km SSE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 17:59 |
| | 2-4km SSE | Recorded | 1 | Explosion | Undetermined | N/K | 20-Feb, 18:00 |
| SMM camera in Zolote (government-controlled, 60km W of Luhansk) | 1-3km ENE | Recorded | 1 | Illumination flare | In vertical flight (also recorded by SMM camera in Popasna, assessed as outside the disengagement area) | N/K | 19-Feb, 20:13 |
| | 1-3km ENE | Recorded | 1 | Illumination flare | In vertical flight (also recorded by SMM camera in Popasna, assessed as outside the disengagement area) | N/K | 19-Feb, 20:14 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--------------|----------------|----------|-----|--------------------|---|--------|---------------|
| | 3-5km E | Recorded | 1 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 20-Feb, 17:39 |
| | 4-6km E | Recorded | 1 | Illumination flare | In vertical flight (also recorded by the SMM camera in Popasna, assessed as outside the disengagement area) | N/K | 20-Feb, 18:01 |
| | 4-6km E | Recorded | 1 | Illumination flare | In vertical flight (also recorded by the SMM camera in Popasna, assessed as outside the disengagement area) | N/K | 20-Feb, 18:34 |
| | 4-6km E | Recorded | 1 | Illumination flare | In vertical flight (also recorded by the SMM camera in Popasna, assessed as outside the disengagement area) | N/K | 20-Feb, 18:42 |
| | 4-6km E | Recorded | 1 | Illumination flare | In vertical flight (also recorded by the SMM camera in Popasna, assessed as outside the disengagement area) | N/K | 20-Feb, 18:50 |
| | 2-4km E | Recorded | 1 | Projectile | SSW to NNE (assessed as outside the disengagement area near Zolote) | N/K | 20-Feb, 18:51 |
| | 2-4km E | Recorded | 1 | Explosion | Impact (subsequent to previous event, assessed as outside the disengagement area) | N/K | 20-Feb, 18:51 |
| | 2-4km E | Recorded | 1 | Projectile | SSW to NNE (assessed as outside the disengagement area) | N/K | 20-Feb, 18:54 |
| | 4-6km E | Recorded | 1 | Illumination flare | In vertical flight (assessed as outside the disengagement area) | N/K | 20-Feb, 18:56 |
| | 2-4km ESE | Recorded | 1 | Muzzle flash | Assessed as outside the disengagement area | N/K | 19-Feb, 19:51 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|---|----------------|-------|-----|-------------|---|----------------------|---------------------|
| Stanytsia Luhanska (government-controlled, 16km NE of Luhansk) | 2-4km S | Heard | 35 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 19:50-20:00 |
| | 2-4km S | Heard | 1 | Burst | Assessed as outside the disengagement area | Small arms | 19-Feb, 19:55 |
| | 2-4km S | Heard | 25 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 20:26-20:30 |
| | 2-4km W | Heard | 7 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 22:05-22:15 |
| | 2-4km S | Heard | 14 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 19-Feb, 19:10-19:35 |
| | 2-4km S | Heard | 2 | Burst | Assessed as outside the disengagement area | Small arms | 19-Feb, 19:10-19:35 |
| | 4-6km SW | Heard | 2 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 20-Feb, 01:36-01:38 |
| | 3-5km S | Heard | 9 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 20-Feb, 04:15-04:25 |
| | 8-10km WNW | Heard | 10 | Explosion | Undetermined | N/K | 20-Feb, 07:25-07:40 |
| | 2-3km S | Heard | 22 | Explosion | Impact (assessed as outside the disengagement area) | N/K | 20-Feb, 16:30-17:30 |
| Hirske (government-controlled, 63km W of Luhansk) | 8-10km S | Heard | 11 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 20-Feb, 09:37-09:42 |
| Raihorodka (government-controlled, 34km NW of Luhansk) | 5-8km SW | Heard | 19 | Explosion | Undetermined | N/K | 19-Feb, 10:40-10:54 |
| Popasna (government-controlled, 69km W of Luhansk) | 4-8km ESE | Heard | 16 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 20-Feb, 15:35-15:42 |
| Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk) | 4-5km WSW | Heard | 5 | Explosion | Outgoing | Artillery (type N/K) | 19-Feb, 19:22-19:45 |
| | 13-16km W | Heard | 4 | Explosion | Impact | Artillery (type N/K) | 19-Feb, 19:22-19:45 |
| Luhansk (non-government-controlled) | 10-15km SE | Heard | 12 | Explosion | Undetermined | N/K | 19-Feb, 17:48-17:53 |
| | 5-10km S | Heard | 3 | Explosion | Undetermined | N/K | 19-Feb, 18:07-18:08 |
| | 10-15km SE | Heard | 8 | Explosion | Undetermined | N/K | 19-Feb, 18:08-18:12 |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|--|---------|-------|-------------|---|--------------|---------------------|
| Near Pervomaisk (non-government-controlled, 58km W of Luhansk) | 10-12km SSW | Heard | 12 | Explosion | Undetermined | N/K | 20-Feb, 10:04-10:21 |
| | 5-7km E | Heard | 4 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 20-Feb, 10:40-10:44 |
| | 5-7km E | Heard | 5 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 20-Feb, 10:49-10:52 |
| | 5-6km NNW | Heard | 10 | Explosion | Undetermined (assessed as outside the disengagement area near Zolote) | N/K | 20-Feb, 12:32-12:42 |
| | 4-6km N | Heard | 9 | Explosion | Impact (assessed as outside the disengagement area near Zolote) | N/K | 20-Feb, 09:33-09:41 |
| | 5-7km E | Heard | 10 | Explosion | Outgoing (assessed as outside the disengagement area near Zolote) | N/K | 20-Feb, 09:33-09:41 |
| | 10-12km SW | Heard | 3 | Explosion | Impact | N/K | 20-Feb, 11:24-11:35 |
| | 7-9km SE | Heard | 7 | Explosion | Outgoing | N/K | 20-Feb, 11:24-11:35 |
| | Donetskiy (non-government-controlled, 49km W of Luhansk) | 2-3km W | Heard | 2 | Explosion | Undetermined | N/K |
| 2-3km S | | Heard | 2 | Explosion | Undetermined | N/K | 20-Feb, 10:50-10:52 |
| 2-3km NE | | Heard | 1 | Explosion | Undetermined | N/K | 20-Feb, 10:50-10:52 |
| Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk) | 1km SSW | Heard | 10 | Explosion | Outgoing | N/K | 20-Feb, 10:38-10:40 |
| Irmino (non-government-controlled, 54km W of Luhansk) | 1km NE | Heard | 15 | Explosion | Outgoing (assessed as outside the disengagement area near Zolote) | N/K | 20-Feb, 14:01-14:11 |
| | 7km NE | Heard | 3 | Explosion | Outgoing | N/K | 20-Feb, 14:01-14:11 |
| | 12-15km NE | Heard | 5 | Explosion | Impact | N/K | 20-Feb, 14:01-14:11 |

Map of Donetsk and Luhansk regions¹³



¹³ 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).