

Table of ceasefire violations as of 13 November 2017¹

| SMM position | Location of event | Observation | Type of weapon/ammunition | Date/time |
|---|--------------------|--|------------------------------|--------------------------|
| Svitlodarsk (government-controlled, 57km north-east of Donetsk) | 5-7km SW | Heard 5 undetermined explosions | N/K | 12 November, 19:05 |
| | 5-7km SSE | Heard 7 explosions (impacts) | Mortar (type N/K) | 12 November, 19:27-19:35 |
| | | Heard 9 explosions (impacts) | | 12 November, 19:48-19:55 |
| | | Heard 1 explosion (outgoing) | Recoilless gun (SPG-9, 73mm) | 12 November, 19:57 |
| | | Heard 8 explosions (impacts) | Mortar (type N/K) | 12 November, 20:00-20:07 |
| | | Heard 3 explosions (outgoing) | Recoilless gun (SPG-9) | 12 November, 20:10 |
| | | Heard 7 explosions (impacts) | Mortar (type N/K) | 12 November, 20:15 |
| | | Heard 14 bursts (5-7 shots each) | HMG | 12 November, 20:16-20:35 |
| | | Heard 24 bursts (5-7 shots each) | | 12 November, 21:23-21:58 |
| | | Heard 1 undetermined explosion | N/K | 12 November, 21:49 |
| | | Heard 41 bursts (5-7 shots each) | HMG | 12 November, 22:03-22:15 |
| | | Heard 34 bursts (5-7 shots each) | | 12 November, 22:19-22:55 |
| | | Heard 4 bursts | HMG | 13 November, 11:25 |
| | | Heard 1 undetermined explosion | N/K | 13 November, 12:20 |
| | | Heard 1 undetermined explosion | | 13 November, 12:30 |
| | 7-8km SW | Heard 1 undetermined explosion | HMG | 13 November, 15:17 |
| Heard 7 bursts | | 13 November, 15:32 | | |
| Heard 1 undetermined explosion | | | N/K | |
| SMM camera in Avdiivka (government-controlled, 17km N of Donetsk) | 4-6km ESE | Recorded 1 projectile from E to W | N/K | 12 November, 20:16 |
| SMM camera at Donetsk Filtration Station (15km N of Donetsk) | 0.5-1.5km S | Recorded 1 undetermined explosion | N/K | 12 November, 18:45 |
| | | Recorded 3 projectiles from E to W | | 12 November, 19:08 |
| | | Recorded 3 undetermined explosions | | 12 November, 20:02 |
| | | Recorded 10 projectiles from E to W | | 12 November, 20:03 |
| | | Recorded 1 illumination flare in vertical flight | | |
| | | Recorded 3 projectiles from E to W | | 12 November, 20:05 |
| | | Recorded 3 undetermined explosions | | |
| | | Recorded 2 undetermined explosions | | 12 November, 20:06 |
| | | Recorded 3 projectiles from E to W | | |
| | | Recorded 5 projectiles from E to W | | 12 November, 20:07 |
| | | Recorded 2 undetermined explosions | | |
| | | Recorded 1 projectile from E to W | | 12 November, 20:09 |
| | | Recorded 3 projectiles from E to W | | |
| | | Recorded 1 projectile from W to E | | 12 November, 20:16 |
| | | Recorded 2 undetermined explosions | | |
| | | Recorded 2 projectiles from W to E | | 12 November, 20:21 |
| | | Recorded 1 undetermined explosion | | 12 November, 20:39 |
| | | Recorded 1 projectile from W to E | | 12 November, 20:49 |
| | | Recorded 3 projectiles from E to W | | 12 November, 20:53 |
| | | Recorded 1 undetermined explosion | | 12 November, 20:54 |
| | | Recorded 1 undetermined explosion | | 12 November, 20:56 |
| | | Recorded 2 projectiles from E to W | | 12 November, 21:29 |
| | | Recorded 4 projectiles from E to W | | 12 November, 21:33 |
| Recorded 1 projectile from W to E | 13 November, 00:32 | | | |
| Recorded 1 projectile from W to E | 13 November, 02:16 | | | |
| Recorded 5 projectiles from E to W | 13 November, 02:29 | | | |

¹ The table only includes ceasefire violations directly observed by the SMM 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 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 and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

| | | | | |
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| | | Recorded 3 projectiles from W to E | | |
| | | Recorded 1 undetermined explosion | | |
| | | Recorded 2 undetermined explosions | | 13 November, 02:30 |
| | | Recorded 1 projectile from W to E | | |
| | | Recorded 1 projectile from W to E | | 13 November, 02:51 |
| | | Recorded 1 projectile from W to E | | 13 November, 03:05 |
| | | Recorded 3 projectiles from W to E | | 13 November, 03:06 |
| | | Recorded 1 projectile from W to E | | 13 November, 03:07 |
| SMM camera in Shyrokyne (20km E of Mariupol) | 5-8km N | Recorded 7 tracers from W to E | N/K | 12 November, 19:04 |
| | | Recorded 1 tracer from E to W | | 12 November, 19:06 |
| | | Recorded 2 tracers from E to W | | 12 November, 19:23 |
| | | Recorded 4 tracers from E to W | | 12 November, 19:25 |
| | | Recorded 12 tracers from E to W | | 12 November, 19:26 |
| | | Recorded 3 tracers from E to W | | 12 November, 19:27 |
| | | Recorded 5 tracers from W to E | | 12 November, 19:28 |
| | | Recorded 10 tracers from W to E | | 12 November, 19:29 |
| | | Recorded 4 tracers from W to E | | 12 November, 19:30 |
| | | Recorded 4 tracers from E to W | | 12 November, 19:36 |
| | | Recorded 1 tracer from E to W | | 12 November, 19:37 |
| | | Recorded 10 tracers from W to E | | 12 November, 19:40 |
| | | Recorded 1 undetermined explosion | | 12 November, 19:42 |
| | | Recorded 4 tracers from E to W | | 12 November, 19:43 |
| | | Recorded 1 tracer from E to W | | |
| | | Recorded 3 tracers from W to E | | 12 November, 19:45 |
| | | Recorded 2 tracers from E to W | | 12 November, 19:50 |
| | | Recorded 4 tracer from E to W | | 12 November, 19:53 |
| | | Recorded 1 projectile from E to W | | 12 November, 19:57 |
| | | Recorded 1 projectile from E to W | | 12 November, 20:01 |
| | | Recorded 1 projectile from E to W | | 12 November, 20:02 |
| | | Recorded 4 projectiles from W to E | | 12 November, 20:04 |
| | | Recorded 6 projectiles from W to E | | 12 November, 20:05 |
| | | Recorded 2 projectiles from W to E | | 12 November, 20:07 |
| | | Recorded 11 projectiles from W to E | | |
| | | Recorded 9 projectiles from E to W | | 12 November, 20:08 |
| | | Recorded 1 undetermined explosion | | |
| | | Recorded 7 projectiles from W to E | | 12 November, 20:09 |
| | | Recorded 1 projectile from E to W | | 12 November, 20:10 |
| | | Recorded 3 projectiles from W to E | | 12 November, 20:11 |
| | | Recorded 5 projectiles from E to W | | 12 November, 20:12 |
| | | Recorded 1 projectile from W to E | | 12 November, 20:15 |
| | | Recorded 11 projectiles from W to E | | 12 November, 20:17-20:18 |
| | | Recorded 1 projectile from E to W | | 12 November, 20:20 |
| | | Recorded 1 projectile from W to E | | 12 November, 20:21 |
| | | Recorded 6 projectiles from E to W | | 12 November, 20:22 |
| | | Recorded 7 projectiles from E to W | | 12 November, 20:23 |
| | | Recorded 3 projectiles from E to W | | 12 November, 20:24 |
| | | Recorded 2 projectiles from W to E | | 12 November, 20:25 |
| | | Recorded 5 projectiles from E to W | | |
| | | Recorded 2 projectiles from W to E | | 12 November, 20:26 |
| | | Recorded 19 projectiles from W to E | | 12 November, 20:27 |
| | | Recorded 4 projectiles from W to E | | |
| | | Recorded 5 projectiles from E to W | | 12 November, 20:28 |
| | | Recorded 10 projectiles from W to E | | 12 November, 20:29 |
| | | Recorded 9 projectiles from E to W | | 12 November, 20:31 |
| | | Recorded 2 projectiles from E to W | | 12 November, 20:33 |
| | | Recorded 2 projectiles from W to E | | 12 November, 20:35 |
| | | Recorded 1 projectile from E to W | | 12 November, 21:00 |
| | | Recorded 5 projectiles from E to W | | 12 November, 21:28 |
| Recorded 1 illumination flare in vertical flight | 12 November, 21:39 | | | |
| Recorded 1 illumination flare in vertical flight | 12 November, 21:54 | | | |
| Recorded 1 illumination flare in vertical flight | 12 November, 22:08 | | | |

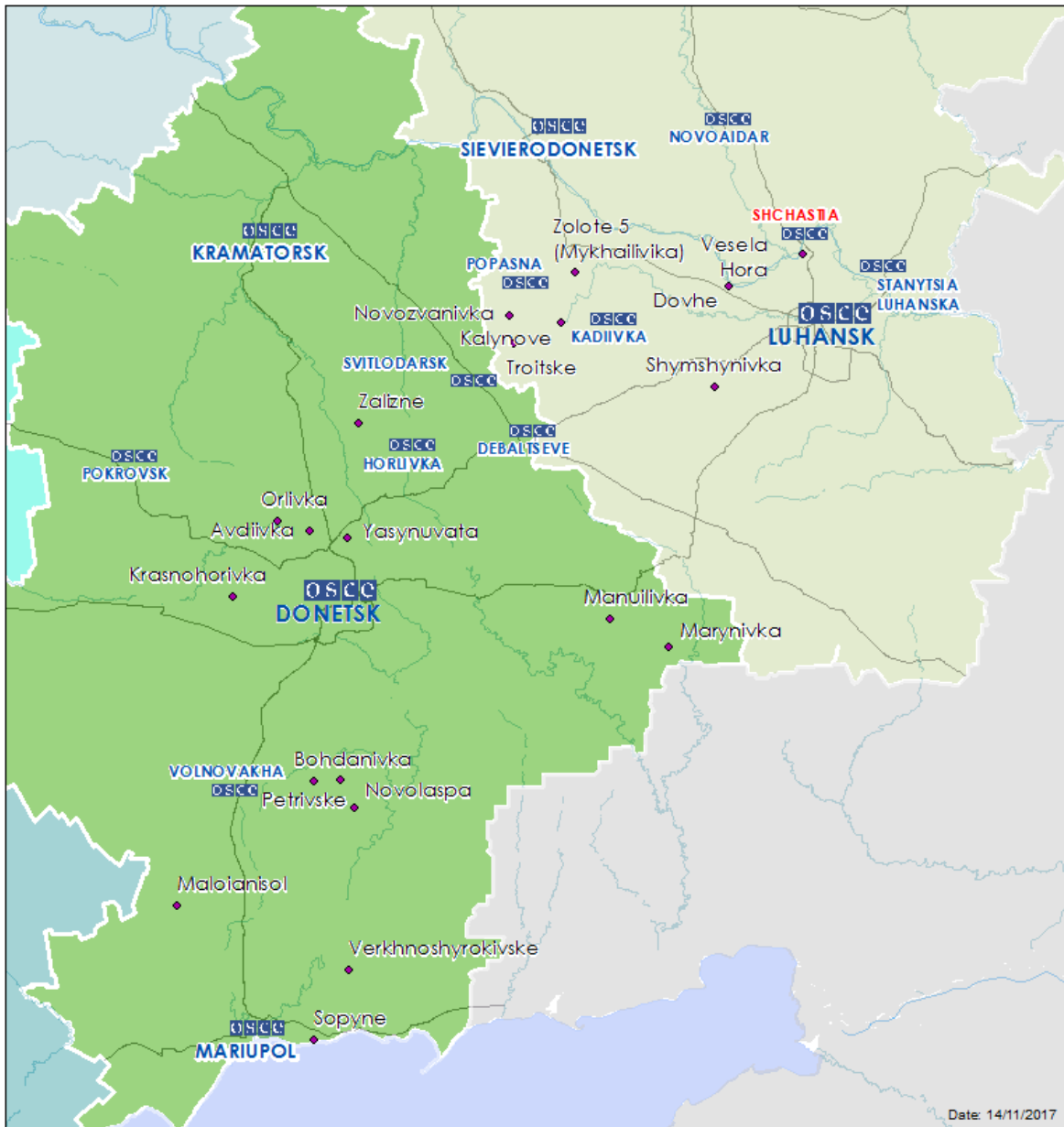
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|---|---------------------------------|--|--------------------------------|--------------------------|
| | | Recorded 7 projectiles from E to W | | 12 November, 22:17 |
| | | Recorded 3 projectiles from W to E | | 12 November, 22:19 |
| | | Recorded 1 projectile from E to W | | 13 November, 00:04 |
| | | Recorded 1 projectile from W to E | | 13 November, 00:05 |
| | | Recorded 1 projectile from W to E | | 13 November, 00:06 |
| | | Recorded 4 projectiles from E to W | | 13 November, 00:29 |
| | | Recorded 2 projectiles from E to W | | 13 November, 00:41 |
| | | Recorded 1 projectile from W to E | | 13 November, 00:42 |
| | | Recorded 1 illumination flare in vertical flight | | 13 November, 00:50 |
| | | Recorded 2 illumination flares in vertical flight | | 13 November, 00:53 |
| | | Recorded 1 illumination flare from W to E | | 13 November, 02:19 |
| | | Recorded 1 projectile from W to E | | 13 November, 02:20 |
| | | Recorded 1 illumination flare in vertical flight | | 13 November, 02:22 |
| | | Recorded 2 projectiles from W to E | | 13 November, 17:53 |
| | | Recorded 1 illumination flare from E to W | | 13 November, 18:10 |
| SMM camera in Petrivske ("DPR"-controlled, 43km S of Donetsk city centre) | 1-3km SW | Recorded 6 tracers from W to E (assessed as inside the disengagement area) | N/K | 11 November, 19:34 |
| | | Recorded 2 undetermined explosions (assessed as inside the disengagement area) | | 11 November, 19:35 |
| | 3-5km S | Recorded 2 tracers from W to E (assessed as outside the disengagement area) | | 11 November, 20:18 |
| | 3-5km W | Recorded 1 undetermined explosion (assessed as outside the disengagement area) | | 11 November, 23:42 |
| Railway station in Yasynuvata ("DPR"-controlled, 16km NE of Donetsk) | 3-5km W | Heard 2 undetermined explosions | N/K | 13 November, 09:54-10:08 |
| | | Heard 2 shots | HMG | |
| | | Heard 2 shots | Small arms | |
| | | Heard 2 bursts | | |
| | 1-3km WSW | Heard 1 undetermined explosion | N/K | 13 November, 10:15 |
| | 1-3km W | Heard 8 undetermined explosions | Small arms | 13 November, 10:32-10:50 |
| | | Heard 2 bursts | | |
| | 2-4km SW | Heard 1 undetermined explosion | N/K | 13 November, 11:22 |
| | 2-4km W | Heard 4 bursts | Small arms | 13 November, 11:36-11:45 |
| | | Heard 6 undetermined explosions | N/K | |
| Heard 1 undetermined explosion | | | | |
| 2-4km W | Heard 6 bursts | Small arms | 13 November, 12:05-12:20 | |
| | 2-4km SW | Heard 1 undetermined explosion | N/K | 13 November, 12:40 |
| 2-4km WSW | Heard 2 undetermined explosions | N/K | 13 November, 13:12-13:22 | |
| 2-4km WNW | Heard 2 undetermined explosions | | | |
| SW edge of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk) | 1-3km W | Heard 2 undetermined explosions | N/K | 13 November, 13:48-14:06 |
| | | Heard 2 bursts | HMG | |
| | | Heard 10 shots | Small arms | |
| | | Heard 1 undetermined explosion | N/K | |
| | | Heard 20 bursts | Small arms | |
| | | Heard uncountable overlapping shots | | |
| | | Heard 1 undetermined explosion | N/K | 13 November, 14:05-14:07 |
| | | Heard 20 bursts | Small arms | |
| | | Heard 40 shots | | N/K |
| | | Heard 1 undetermined explosion | Small arms | |
| | | Heard 47 shots | | Small arms |
| Heard 42 bursts | Small arms | | | |
| SW edge of Avdiivka (government-controlled, 17km N) | | 2-3km SE | Heard 1 undetermined explosion | N/K |
| | Heard 3 undetermined explosions | | 13 November, 10:27-10:55 | |
| | Heard 3 bursts | | | |
| | 1-3km S | Heard 6 undetermined explosions | N/K | |

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| of Donetsk) | | Heard 12 shots | IFV (BMP-2) cannon (30mm) | | |
| | 5-6km SW | Heard 7 undetermined explosions | N/K | | |
| | 1-2km S | Heard 1 undetermined explosion | | 13 November, 11:11 | |
| | 2-3km SE | Heard 1 undetermined explosion | | 13 November, 11:26 | |
| | 3-5km SW | Heard 1 undetermined explosion | | | |
| | 2-3km SE | | Heard 16 bursts | HMG | 13 November, 12:15-12:40 |
| | | | Heard 1 undetermined explosion | N/K | |
| | | | Heard 11 bursts | HMG | 13 November, 12:53-13:15 |
| | | | Heard 5 undetermined explosions | N/K | |
| | | | Heard 17 bursts | Small arms | 13 November, 13:57-14:22 |
| | | | Heard 5 bursts | HMG | |
| | | | Heard 14 shots | Small arms | |
| | | | Heard 1 undetermined explosion | N/K | |
| | | | Heard 15 shots | Small arms | 13 November, 14:39-15:00 |
| | | Heard 8 bursts | | | |
| | Heard 18 bursts | HMG | | | |
| | Heard 1 undetermined explosion | N/K | | | |
| Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre) | 3-4km NW | Heard 5 bursts | HMG | 13 November, 09:50-10:10 | |
| | | Heard 13 shots | Small arms | | |
| | 2-5km N | Heard 1 undetermined explosion | N/K | | |
| Oktiabr mine SMM camera location (9km NW of Donetsk city centre) | 1km SE | Heard 2 bursts | Small arms | 13 November, 08:17 | |
| | 1.5km SE | Heard 1 undetermined explosion | N/K | 13 November, 10:15 | |
| 1km NNW of Pyshevyk (government-controlled, 25km NE of Mariupol) | N/K SSE | Heard 3 undetermined explosions (possible overlapping with CFV report from Orlivske) | N/K | 13 November, 10:15-10:20 | |
| | | Heard 2 undetermined explosions (possible overlapping with CFV report from Orlivske) | | 13 November, 10:25 | |
| Orlivske (government-controlled, 23km NE of Mariupol) | N/K SSE | Heard 5 undetermined explosions (possible overlapping with CFV report from 1km NNW of Pyshevyk) | N/K | 13 November, 10:15-10:25 | |
| | N/K N | Heard 1 undetermined explosion | | | |
| Lebedynske (government controlled, 15km NE of Mariupol) | 2-3km SSW | Heard 2 undetermined explosions | N/K | 13 November, 11:02 | |
| | 3-5km ENE | Heard 1 undetermined explosion | | | |
| | 1.5-2km E | Heard 1 burst | Small arms | 13 November, 11:57-12:00 | |
| | N/K ENE | Heard 2 undetermined explosions | N/K | | |
| 2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol) | N/K ESE | Heard 6 bursts | Small arms | 13 November, 12:00 | |
| | N/K E | Heard uncountable bursts and shots | | | |
| | | Heard 13 undetermined explosions | N/K | 13 November, 12:25-12:46 | |
| Novolaspa ("DPR"-controlled, 50km S of Donetsk) | N/K WSW | Heard 15 shots | Small arms | 13 November, 11:34-11:46 | |
| | | Heard 3 undetermined explosions | N/K | | |
| | | Heard 2 bursts | | | |
| | N/K SSW | Heard 1 shot | Small arms | | |
| | 30m WNW | Heard 1 explosion (outgoing) | AGL | 13 November, 12:06 | |
| Horlivka ("DPR"-controlled, 39km NE of Donetsk) | 9-10km NW | Heard 4 undetermined explosions | AGL | 13 November, 10:10 | |
| | 4-5km NNW | Heard 5 shots | Small arms | 13 November, 11:10 | |
| | 1.5-2km W | Heard 20 shots | | 13 November, 13:52 | |
| SMM camera in Zolote (government-controlled, 60km NW of Luhansk) | N/K | Recorded 1 projectile (trajectory N/K) | N/K | 13 November, 17:38 | |
| Kadiivka (formerly | 10km W | Heard 17 undetermined explosions | N/K | 12 November, 19:15-19:21 | |

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| Stakhanov, "LPR"-controlled, 50km W of Luhansk) | 8-10km W | Heard 3 bursts | HMG | |
| E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk) | 4-5km S | Heard 22 bursts (unable to assess whether inside or outside the disengagement area) | HMG | 12 November, 19:30-19:43 |
| | | Heard 11 shots (unable to assess whether inside or outside the disengagement area) | AGL | |
| | 3-4km SSW | Heard 3 bursts (unable to assess whether inside or outside the disengagement area) | HMG | |
| | | Heard 14 shots (unable to assess whether inside or outside the disengagement area) | Small arms | |
| 4-5km S | Heard 1 undetermined explosion (unable to assess whether inside or outside the disengagement area) | N/K | 12 November, 19:50 | |
| Kalynove ("LPR"-controlled, 60km W of Luhansk) | 4-6km SW | Heard 8 bursts (assessed as outside the disengagement area) | N/K | 13 November, 08:58-09:06 |
| Shymshynivka ("LPR"-controlled, 27km SW of Luhansk) | 3km S | Heard 56 undetermined explosions (assessed as a live-fire exercise) | N/K | 13 November, 09:05-09:20 |
| | | Heard 12 bursts (assessed as a live-fire exercise) | HMG | |
| | 2km W | Heard 9 undetermined explosions (assessed as a live-fire exercise) | N/K | |
| | | Heard 4 bursts (assessed as a live-fire exercise) | HMG | |
| S edge of Kalynove ("LPR"-controlled, 60km W of Luhansk) | 3km W | Heard 12 shots | N/K | 13 November, 09:40-09:44 |
| | 2-4km WSW | Heard 14 shots | | 13 November, 09:56-10:18 |
| | 3-5km NW | Heard 1 shot | | |
| | 4-6km WSW | Heard 13 undetermined explosions | | |
| Vesela Hora ("LPR"-controlled, 16km N of Luhansk) | 5km WSW | Heard 38 undetermined explosions | Mortar (type N/K) | 13 November, 10:00-10:27 |
| | 5km WSW | Heard 4 undetermined explosions | | 13 November, 11:00-11:02 |
| Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk) | N/K | Heard 1 undetermined explosion | N/K | 13 November, 10:23 |
| | | Heard 1 undetermined explosion | | 13 November, 10:25 |
| Zolote-5 ("LPR"-controlled, 61km NW of Luhansk, outside DA) | 5-8km NNW | Heard 3 undetermined explosions (assessed as outside the disengagement area) | N/K | 13 November, 10:53-10:54 |
| Zolote (government-controlled, 60km W of Luhansk) | 2-3km NW | Heard 4 explosions (outgoing) (assessed as outside the disengagement area) | Mortar (type N/K) | 13 November, 10:55-11:00 |
| | 2-3km SE | Heard 2 explosions (outgoing) (assessed as outside the disengagement area) | | |
| Zolote 3 (government-controlled, 60km W of Luhansk) | 6-8km SE | Heard 25 undetermined explosions (assessed as outside the disengagement area) | IFV (BMP) | 13 November, 11:52-12:30 |
| | | Heard 12 explosions (outgoing) (assessed as outside the disengagement area) | Mortar (type N/K) | |
| | | Heard 3 explosions (impacts) (assessed as outside the disengagement area) | | |
| Dovhe ("LPR"-controlled, 22km NW of Luhansk) | 3km E | Heard 5 undetermined explosions | N/K | 13 November, 11:10-11:20 |
| | 3km W | Heard 3 bursts | HMG | 13 November, 11:20 |
| 3km NW of Almazna ("LPR"-controlled, 55km W) | 5-7km WSW | Heard 5 undetermined explosions | N/K | 13 November, 11:19-11:30 |
| | 5-7km WSW | Heard 1 burst | | |
| | | Heard 4 shots | | |

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| of Luhansk) | 5-7km NW | Heard 14 bursts (assessed as outside the disengagement area) | | 13 November, 13:22-14:00 |
| | 8-10km WSW | Heard 1 undetermined explosion | | |
| | 5-7km WNW | Heard 1 undetermined explosion | | |
| | 5-7km W | Heard 1 burst | | |
| 3km SW of Almazna ("LPR"-controlled, 55km W of Luhansk) | 8-10km, SW | Heard 19 undetermined explosions | N/K | 13 November, 11:51-13:01 |
| | 5-7km WNW | Heard 8 undetermined explosions | | |
| | 8-10km, W | Heard 47 bursts | | |
| | 2-4km E | Heard 84 shots | | |
| 3km NW of Almazna ("LPR"-controlled, 55km W of Luhansk) | 5-7km NW | Heard 14 bursts (assessed as outside the disengagement area) | N/K | 13 November, 13:22-14:00 |
| | 8-10km WSW | Heard 1 undetermined explosion | | |
| | 5-7km WNW | Heard 1 undetermined explosion | | |
| | 5-7km W | Heard 1 burst | | |
| 2km ESE of Toshkivka (government-controlled, 60km NW of Luhansk) | 6-8km SE | Heard 1 explosion (impact) (assessed as outside the disengagement area) | Artillery (type N/K) | 13 November, 13:30 |
| E edge of Valuiske (government-controlled, 20km NE of Luhansk) | 7km SSW | Heard 1 undetermined explosion (assessed as outside the disengagement area) | N/K | 13 November, 13:51 |
| 4km WSW of Popasna (government-controlled, 69km west of Luhansk) | 6-8km S | Heard 1 undetermined explosion | N/K | 13 November, 15:09 |

Map of Donetsk and Luhansk regions²



² 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: forward patrol base from which SMM staff has temporarily relocated since 27 September 2016 based on recommendations of security experts from participating States.)