

Table of ceasefire violations as of 7 November 2017¹

| SMM position | Location of event | Observation | Type of weapon/ammunition | Date/time |
|--|-------------------|--|---------------------------|-------------------|
| SMM camera in Shyrokyne (20km E of Mariupol) | 5-8km N | Recorded 4 projectiles from E to W | N/K | 6 November, 16:41 |
| | | Recorded 2 projectiles from E to W | | 6 November, 16:42 |
| | | Recorded 1 projectile from W to E | | 6 November, 16:57 |
| | | Recorded 3 projectiles from W to E | | 6 November, 17:35 |
| | | Recorded 1 projectile from W to E | | 6 November, 17:36 |
| | | Recorded 3 projectiles from W to E | | 6 November, 18:10 |
| | | Recorded 2 projectiles from W to E | | 6 November, 18:11 |
| | | Recorded 4 projectiles from W to E | | 6 November, 18:12 |
| | | Recorded 4 projectiles from W to E | | 6 November, 18:13 |
| | | Recorded 1 projectile from W to E | | 6 November, 18:15 |
| | | Recorded 4 projectiles from W to E | | 6 November, 18:16 |
| | | Recorded 9 projectiles from W to E | | 6 November, 18:17 |
| | | Recorded 7 projectiles from W to E | | 6 November, 18:20 |
| | | Recorded 1 projectile from W to E | | 6 November, 18:26 |
| | | Recorded 3 projectiles from E to W | | 6 November, 18:29 |
| | | Recorded 8 projectiles from W to E | | 6 November, 19:13 |
| | | Recorded 2 projectiles from W to E | | 6 November, 19:18 |
| | | Recorded 1 projectile from W to E | | 6 November, 22:37 |
| | | Recorded 2 projectiles from E to W | | 6 November, 22:42 |
| | | Recorded 1 illumination flare from W to E | | |
| | | Recorded 1 illumination flare from E to W | | 6 November, 22:43 |
| | | Recorded 1 illumination flare from W to E | | |
| | | Recorded 1 projectile from E to W | | 6 November, 22:48 |
| | | Recorded 1 illumination flare in vertical flight | | 6 November, 22:51 |
| | | Recorded 4 projectiles from E to W | | 6 November, 23:05 |
| | | Recorded 5 projectiles from E to W | | 6 November, 23:40 |
| | | Recorded 1 projectile from W to E | | 6 November, 23:43 |
| | | Recorded 1 projectile from W to E | | 6 November, 23:45 |
| | | Recorded 2 projectiles from W to E | | 6 November, 23:49 |
| | | Recorded 1 projectile from E to W | | 6 November, 23:50 |
| | | Recorded 1 projectile from W to E | | 6 November, 23:51 |
| | | Recorded 2 projectiles from E to W | | 6 November, 23:54 |
| | | Recorded 3 projectiles from W to E | | 6 November, 23:55 |
| | | Recorded 2 projectiles from W to E | | 6 November, 23:56 |
| | | Recorded 1 projectile from W to E | | 6 November, 23:59 |
| | | Recorded 1 projectile from W to E | | 7 November, 00:01 |
| | | Recorded 18 projectiles from E to W | | |
| | | Recorded 3 projectiles from W to E | | 7 November, 00:16 |
| | | Recorded 2 projectiles from W to E | | 7 November, 00:17 |
| | | Recorded 1 projectile from W to E | | 7 November, 00:19 |
| Recorded 1 projectile from W to E | 7 November, 00:23 | | | |

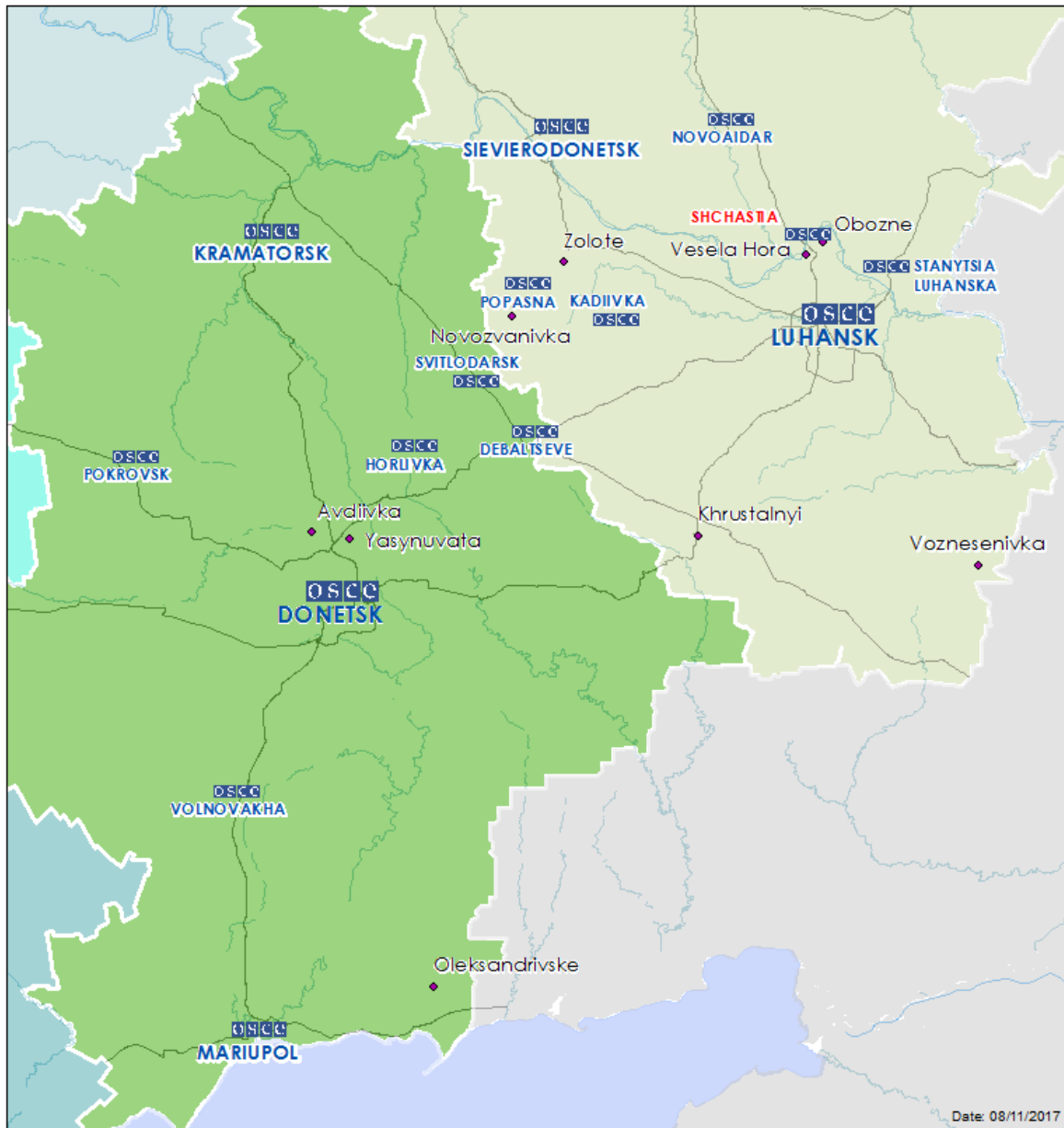
¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, 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 2 projectiles from E to W | | 7 November, 00:24 |
| | | Recorded 1 projectile from W to E | | 7 November, 00:25 |
| | | Recorded 2 projectiles from W to E | | 7 November, 00:26 |
| | | Recorded 14 projectiles from W to E | | 7 November, 00:27 |
| | | Recorded 1 projectile from W to E | | 7 November, 00:31 |
| | | Recorded 1 projectile from W to E | | 7 November, 00:33 |
| | | Recorded 7 projectiles from E to W | | 7 November, 00:42 |
| | | Recorded 25 projectiles from E to W | | 7 November, 00:58-00:59 |
| | | Recorded 12 projectiles from E to W | | 7 November, 01:04 |
| | | Recorded 3 projectiles from E to W | | 7 November, 01:09 |
| | | Recorded 2 projectiles from E to W | | 7 November, 01:27 |
| | | Recorded 1 projectile from E to W | | 7 November, 01:33 |
| | | Recorded 5 projectiles from E to W | | 7 November, 01:50 |
| | | Recorded 5 projectiles from W to E | | 7 November, 02:06 |
| | | Recorded 2 projectiles from E to W | | 7 November, 05:09 |
| | | Recorded 3 projectiles from E to W | | 7 November, 05:23 |
| | | Recorded 1 projectile from E to W | | 7 November, 05:24 |
| | | Recorded 10 projectiles from E to W | | 7 November, 05:25 |
| | | Recorded 1 projectile from E to W | | 7 November, 05:26 |
| | | Recorded 1 projectile from W to E | | 7 November, 05:33 |
| | | Recorded 1 projectile from E to W | | 7 November, 05:47 |
| | | Recorded 5 tracers from E to W | | 7 November, 16:54 |
| | | Recorded 3 tracers from W to E | | 7 November, 16:56 |
| | | Recorded 2 tracers from W to E | | 7 November, 17:11 |
| Recorded 2 tracers from W to E | 7 November, 17:18 | | | |
| Svitlodarsk (government- controlled, 57km NE of Donetsk) | 4-6km SE | Heard 4 shots | Small arms | 6 November, 18:34 |
| | | Heard 8 bursts (3-5 shots per burst) | HMG | 6 November, 18:37-18:43 |
| | | Heard 25 bursts (3-5 shots per burst) | | 6 November, 18:58-19:02 |
| | | Heard 3 undetermined explosions | N/K | 6 November, 19:03 |
| | | Heard 56 bursts (3-5 shots per burst) | HMG | 6 November, 19:10-19:33 |
| | | Heard 42 bursts (3-5 shots per burst) | Small arms | 6 November, 19:11-19:34 |
| | | Heard 11 undetermined explosions | N/K | 6 November, 19:18-19:34 |
| | | Heard 8 bursts (3-5 shots per burst) | HMG | 6 November, 19:44-19:48 |
| | | Heard 4 undetermined explosions | N/K | 6 November, 19:50 |
| | | Heard 3 bursts (5-8 shots per burst) | Small arms | 6 November, 19:52 |
| | | Heard 12 bursts (3-5 shots per burst) | HMG | 6 November, 20:00-20:03 |
| | | Heard 1 undetermined explosion | N/K | 6 November, 20:05 |
| | | Heard 8 shots | Small arms | 6 November, 20:07 |
| | | Heard 12 bursts (5-7 shots per burst) | HMG | 6 November, 20:14-20:27 |
| | | Heard 76 bursts (3-5 shots per burst) | | 6 November, 20:44-21:47 |
| | | Heard 1 undetermined explosion | N/K | 6 November, 21:48 |
| | | Heard 12 bursts (3-5 shots per burst) | HMG | 6 November, 21:50-21:51 |
| | | Heard 2 undetermined explosions | N/K | 6 November, 21:52-21:54 |
| | | Heard 34 bursts (3-5 shots per burst) | HMG | 6 November, 21:54-22:24 |
| | | 3-5km SE | Heard 8 undetermined explosions | N/K |
| | Heard 5 bursts | | HMG | |
| | Heard 5 bursts | | | 7 November, 14:10-14:12 |
| | Heard 2 undetermined explosions | | N/K | 7 November, 14:18 |
| | Heard 2 undetermined explosions | 7 November, 14:56 | | |
| | 3-5km SSE | Heard 20 undetermined explosions | HMG | 7 November, 15:30-15:54 |
| | | Heard 90 bursts | | |
| | 4-5km SSE | Heard 100 bursts | Small arms | 7 November, 15:55-16:20 |
| | | Heard 50 shots | | |
| | | Heard 70 bursts | HMG | 7 November, 16:20-16:45 |
| | 2-4km SW | Heard 3 bursts | | 7 November, 16:52 |
| | 4-5km SE | Heard 2 undetermined explosions | N/K | 7 November, 16:55 |

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| SMM camera at Donetsk Filtration Station (15km N of Donetsk) | 0.5-1.5km S | Recorded 4 projectiles from E to W | N/K | 6 November, 19:51 |
| | | Recorded 3 projectiles from E to W | | 6 November, 20:47 |
| | | Recorded 1 projectile from E to W | | 6 November, 21:35 |
| | | Recorded 1 projectile from E to W | | 6 November, 23:15 |
| | | Recorded 1 projectile from E to W | | 6 November, 23:16 |
| | | Recorded 1 projectile from E to W | | 6 November, 23:19 |
| | | Recorded 2 projectiles from E to W | | 6 November, 23:20 |
| | | Recorded 2 projectiles from W to E | | 6 November, 23:24 |
| | | Recorded 2 projectiles from E to W | | 6 November, 23:48 |
| | | Recorded 1 projectile from E to W | | 7 November, 00:00 |
| | | Recorded 1 projectile from W to E | | 7 November, 00:01 |
| | | Recorded 3 projectiles from E to W | | 7 November, 00:56 |
| | | Recorded 1 tracer from W to E | | 7 November, 17:16 |
| | | Recorded 1 tracer from W to E | | 7 November, 17:26 |
| | | Recorded 2 tracers from W to E | | 7 November, 17:42 |
| SMM camera in Avdiivka (government-controlled, 17km N of Donetsk) | 4-6km SE | Recorded 1 projectile from N to S | N/K | 6 November, 23:46 |
| | | Recorded 4 projectiles from N to S | | 6 November, 23:47 |
| | | Recorded 1 illumination flare from N to S | | 7 November, 00:15 |
| Horlivka ("DPR"-controlled, 39km NE of Donetsk) | 3-5km SW | Heard 2 shots | Small arms | 6 November, 19:16 |
| | 7-10km SW | Heard 4 undetermined explosions | N/K | 6 November, 19:57 |
| | 10-12km SSW | Heard 4 undetermined explosions | | 6 November, 20:16-20:18 |
| | 5-6km WNW | Heard 1 undetermined explosion | | 6 November, 21:07 |
| SW edge of Avdiivka (government-controlled, 17km N of Donetsk) | 3-5km SE | Heard 4 undetermined explosions | N/K | 7 November, 10:30-10:45 |
| | | Heard 3 bursts | Small arms | |
| | 3-5km SE | Heard 17 undetermined explosions | N/K | 7 November, 11:30-12:00 |
| | | Heard 2 bursts | Small arms | |
| | | Heard 2 bursts | HMG | |
| | 2-4km E | Heard 3 undetermined explosions | N/K | 7 November, 12:15-12:30 |
| | 5-7km S | Heard 3 undetermined explosions | N/K | 7 November, 12:45-13:00 |
| Heard 11 undetermined explosions | | Small arms | | 7 November, 14:15-14:45 |
| Heard 7 bursts | | | | |
| Railway station Yasynuvata ("DPR"-controlled, 16km N of Donetsk) | 3-5km N | Heard 2 undetermined explosions | N/K | 7 November, 11:30-11:35 |
| | 4-6km W | Heard 2 undetermined explosions | | |
| | 3-5km NW | Heard 3 undetermined explosions | | |
| | 4-6km W | Heard 1 undetermined explosion | | |
| | 2-3km W | Heard 2 shots | Small arms | 7 November, 13:20-13:30 |
| SW edge of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk) | 3-5km NW | Heard 2 undetermined explosions | N/K | 7 November, 14:15-14:25 |
| | | Heard 1 undetermined explosion | | 7 November, 14:53 |
| 2km SW of Pyshevyk (government-controlled, 25km NE of Mariupol) | N/K SSE | Heard 2 undetermined explosions | N/K | 7 November, 09:58 |
| Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk) | 3-5km NW | Heard 1 undetermined explosion | N/K | 7 November, 14:00 |
| Stanytsia Luhanska (government-controlled, 16km NE) | 5-7km SE | Heard 4 undetermined explosions (assessed as outside the disengagement area) | N/K | 6 November, 21:49 |

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| of Luhansk) | 5-7km S | Heard 1 undetermined explosion (assessed as outside the disengagement area) | N/K | 7 November, 01:23 |
| 2.5km NE of Hannivka (“LPR”-controlled 58km W of Luhansk) | 1km E | Heard 48 shots (assessed as live-fire exercise) | Small arms | 7 November, 10:55-11:40 |
| | 10-12km W | Heard 1 explosion (outgoing) | Artillery (type N/K) | 7 November, 12:14 |
| | 4-5km W | Heard 1 explosion (subsequent impact) | | 7 November, 12:20 |
| | 10-12km W | Heard 1 explosion (outgoing) | | |
| 4-5km W | Heard 1 explosion (subsequent impact) | | | |

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.)