

Table of ceasefire violations as of 30 November 2016¹

| SMM position | Location of event | Observation | Type of weapon/ammunition | Date/time |
|---|-------------------|---|---------------------------|--------------------------|
| Park Inn Hotel (“DPR”-controlled, Donetsk) | 7-10km NNE | Heard 2 undetermined explosions | N/K | 30 November, 01:55 |
| | | Heard 1 undetermined explosion | | 30 November, 02:26 |
| SMM camera at Oktiabr mine” (9km NW of Donetsk city centre) | 3-4km NE | Recorded 1 illumination flare from N to S | N/K | 30 November, 03:01 |
| | 6-7km ENE | Recorded 2 undetermined projectiles of direct fire in flight from S to N | | 30 November, 18:09 |
| | | Recorded 1 undetermined projectile of direct fire in flight from N to S | | |
| | | Recorded 1 undetermined projectile of direct fire in flight from S to N | | 30 November, 18:11 |
| SMM camera in Avdiivka (government-controlled, 17km N of Donetsk) | 4-6km ESE | Recorded 7 tracer rounds in flight from N to S | N/K | 29 November, 21:01 |
| | | Recorded 1 rocket-assisted projectile in flight from N to S | | |
| | | Recorded 1 undetermined explosion | | 29 November, 23:36 |
| | | Recorded 1 rocket-assisted projectile in flight from N to S | | 29 November, 23:48 |
| | | Recorded 1 rocket-assisted projectile in flight from N to S | | 29 November, 23:57 |
| | | Recorded 1 rocket-assisted projectile in flight from SE to NE | | 30 November, 05:35 |
| | 3-5km ESE | Recorded 1 undetermined explosion | | 30 November, 07:14 |
| | | Recorded 10 undetermined projectiles of direct fire in flight from W to E | | 30 November, 15:58-15:59 |
| | | Recorded 2 undetermined projectiles of direct fire in flight from S to N | | |
| | | Recorded 2 undetermined projectiles of direct fire in flight from W to E | | 30 November, 16:05 |
| | | Recorded 1 undetermined explosion | | 30 November, 16:27 |
| | 4-6km ESE | Recorded 1 burst of a tracer round in flight from E to W | | 30 November, 16:37 |
| | 4-5km ESE | Recorded 1 undetermined explosion | | 30 November, 16:49 |
| | | Recorded 1 burst of a tracer round in flight from W to E | | 30 November, 17:29 |
| | | Recorded 1 burst of a tracer round in flight from W to E | | 30 November, 17:45 |
| | | Recorded 7 bursts of tracer rounds in flight from W to E | | 30 November, 17:46 |
| | | Recorded 6 bursts of tracer rounds in flight from W to E | | 30 November, 18:01-18:02 |
| | | Recorded 7 bursts of tracer rounds in flight from S to N | | 30 November, 18:04 |
| | | | | |
| Yasynuvata (“DPR”-controlled, 16km NE of Donetsk) | 3-4km W | Heard 5 undetermined explosions | N/K | 30 November, 08:57-09:00 |
| | 3-4km N | Heard 12 bursts | Small arms | 30 November, 09:10-09:20 |
| | 3-4km W | Heard 1 undetermined explosion | N/K | 30 November, 09:45 |
| | | Heard 1 undetermined explosion | | 30 November, 09:50 |
| | | Heard 1 burst | Small arms | |

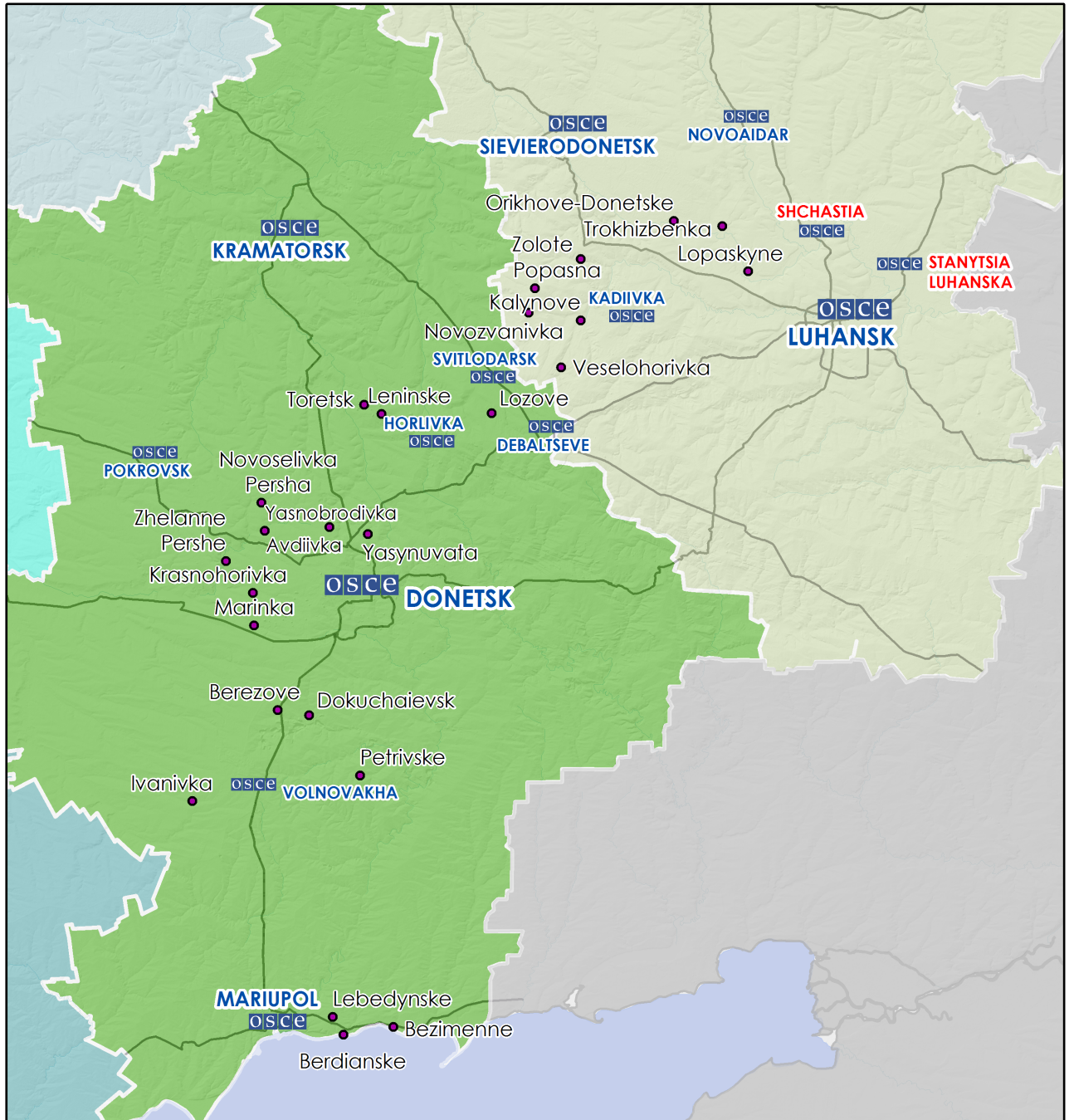
¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided—in terms of distance, direction, weapons-type, etc.—are based on assessments provided by monitors on the ground, 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.

| | | | | |
|--|-----------|---|---|--------------------------|
| | | Heard 2 undetermined explosions | N/K | 30 November, 09:53-09:56 |
| | | Heard 4 bursts | Small arms | 30 November, 10:00 |
| | | Heard 1 undetermined explosion | N/K | 30 November, 10:36 |
| | 2-3km WSW | Heard 5 bursts | Small arms | 30 November, 11:30 |
| | 5-7km N | Heard 1 undetermined explosion | N/K | 30 November, 12:05 |
| | 3-4km W | Heard 5 undetermined explosions | | 30 November, 12:33 |
| | 3-4km NW | Heard 4 bursts | Small arms | 30 November, 12:35 |
| | 3-4km W | Heard 4 undetermined explosions | N/K | 30 November, 12:42 |
| | | Heard 3 undetermined explosions | | 30 November, 12:47 |
| | | Heard 4 bursts | Small arms | |
| | 2-3km NW | Heard 4 undetermined explosions | N/K | 30 November, 12:53 |
| | 2-3km W | Heard 3 bursts | Small arms | 30 November, 13:03 |
| | 2-3km N | Heard 15-20 shots | | 30 November, 13:04 |
| | | Heard 3 bursts | | 30 November, 13:07 |
| Staromykhailivka ("DPR"-controlled, 15km W of Donetsk) | 3-4km WNW | Heard 2 undetermined explosions | N/K | 30 November, 10:35-10:41 |
| | | Heard 2 undetermined explosions | | 30 November, 10:50 |
| | | Heard 7 bursts | Small arms | 30 November, 10:55-11:00 |
| 3km WNW of Karlivka (government-controlled, 25km NW of Donetsk) (UAF training area outside the security zone) | 25m N | Heard and saw 14 explosions (outgoing) | Rocket-propelled grenade launcher (RPG) | 30 November, 12:30-12:35 |
| | 0.5km N | Heard and saw 14 explosions (impacts) | | |
| | 50m N | Heard and saw uncountable overlapping bursts | Heavy machine-gun | |
| 1.6km SSW of Marinka (government-controlled, 23km SW of Donetsk) | 2-3km NW | Heard 1 undetermined explosion | N/K | 30 November, 14:45 |
| | 3-4km E | Heard 1 undetermined explosion | | |
| Horlivka ("DPR"-controlled, 39km NE of Donetsk city centre) | 6-8km SW | Heard 2 undetermined explosions | Artillery (N/K calibre) | 29 November, 19:05 |
| | | Heard 22 undetermined explosions | N/K | 29 November, 19:15-19:30 |
| | 3km SW | Heard uncountable overlapping bursts | Heavy machine-gun | 29 November, 19:27-19:32 |
| | 6-8km SW | Heard 7 undetermined explosions | Artillery (N/K calibre) | 29 November, 19:33-19:35 |
| | | Heard 2 undetermined explosions | N/K | 29 November, 20:12 |
| | | Heard 3 undetermined explosions | | 29 November, 20:17 |
| | 3km SW | Heard uncountable overlapping bursts | Heavy machine-gun | 29 November, 20:29-20:45 |
| | 3km N | Heard 10 explosions (outgoing) | Artillery (N/K calibre) | 29 November, 20:41-20:55 |
| | 3km SW | Heard uncountable overlapping bursts and single shots | Small arms | 29 November, 20:59-21:25 |
| | | Heard 10 bursts | Heavy machine-gun | 29 November, 21:57-22:00 |
| | | Heard 5 bursts | | 29 November, 22:55-22:56 |
| SMM camera in Shyrokyne (20km E of Mariupol) | N/K NE | Recorded 20 bursts of tracer rounds in flight from SE to NW | N/K | 29 November, 17:43-18:10 |
| | | Recorded 6 bursts of tracer rounds in flight from SW to NE | | 29 November, 18:07 |
| | | Recorded 2 bursts of tracer rounds in flight from NW to SE | | 29 November, 18:14 |

| | | | | |
|--|----------------|---|------------------------------------|--------------------------|
| | | Recorded 2 indirect rocket-assisted projectiles in flight from WSW to ENE | | 29 November, 19:08-19:10 |
| | | Recorded 2 subsequent explosions (impacts) | | 29 November, 19:17-20:03 |
| | | Recorded 21 bursts of tracer rounds in flight from SE to NW | | |
| | | Recorded 34 bursts of tracer rounds in flight from SW to NE | | 29 November, 20:04-20:06 |
| | | Recorded 3 bursts of tracer rounds in flight from NE to SW | | 29 November, 20:05 |
| | | Recorded 10 bursts of tracer rounds in flight from NE to SW | | 29 November, 20:12-20:16 |
| | | Recorded 1 burst of a tracer round in flight from SW to NE | | 29 November, 20:18 |
| Sopyne (government-controlled, 16km E of Mariupol) | N/K ENE | Heard 3 bursts | Small arms | 30 November, 09:55 |
| | 3-4km N | Heard 5 explosions (outgoing) | Mortar (N/K calibre) | 30 November, 10:05-10:20 |
| | 3-4km NNE | Heard 5 explosions (impacts) | | |
| | 3-4km ENE | Heard at least 20 bursts | Anti-aircraft cannon (N/K calibre) | |
| | | Heard at least 20 bursts | Small arms | |
| | | Heard 5 bursts | Heavy machine-gun | |
| | N/K ENE | Heard 8 undetermined explosions | Artillery (N/K calibre) | 30 November, 14:05-14:25 |
| | | Heard at least 100 shots | Small arms | |
| | N/K NE | Heard 12 undetermined explosions | Artillery (N/K calibre) | |
| | | Heard 15 explosions (impacts) | MLRS | |
| Pikuzy (formerly Kominternove) ("DPR"-controlled, 23km NE of Mariupol) | 1-2km NW | Heard at least 200 shots | Small arms | 30 November, 10:44-11:05 |
| | | Heard at least 10 bursts | Heavy machine-gun | |
| | N/K SW | Heard 3 undetermined explosions | N/K | |
| 2.5km SE of Lebedynske (government-controlled, 16km NE of Mariupol) | N/K N | Heard at least 300 shots | Small arms | 30 November, 10:50-11:10 |
| | | Heard at least 50 shots | Heavy machine-gun | |
| | N/K NNE | Heard 4 explosions (impact) | Mortar (N/K calibre) | |
| 2km NW of Lebedynske | N/K E | Heard 12 shots | Small arms | 30 November, 12:25-12:40 |
| | N/K NE | Heard 8 shots | | |
| | | Heard 3 shots | Heavy machine-gun | |
| SMM camera in Stanytsia Luhanska (16km NE of Luhansk) (all assessed as inside the disengagement area) | N/K ESE to WSW | Recorded 1 small flash | Small arms | 28 November, 21:33 |
| | | Recorded 1 small flash | Small arms | 28 November, 21:36 |
| | | Recorded 1 undetermined projectile | N/K | 28 November, 21:44 |
| | | Recorded 2 flashes | | |
| | | Recorded 1 flare | | |
| | | Recorded 1 small flash | | 28 November, 21:47 |
| | | Recorded 1 undetermined projectile in flight from SE to NW | | 28 November, 21:48 |
| | | Recorded 1 small flash | | 28 November, 21:56 |
| | | Recorded 1 small flash | | 28 November, 21:59 |
| | | Recorded 2 explosions (impacts) | Mortar (N/K calibre) | |
| | | Recorded 1 small flash | N/K | 28 November, 22:05 |
| | | Recorded 4 explosions (outgoing) | Mortar (N/K calibre) | 28 November, 22:25-22:31 |
| | | Recorded 1 explosion (outgoing) | | 28 November, 23:00-23:09 |
| | | Recorded 2 explosions (impacts) | | |
| | | Recorded 3 small flashes | N/K | 28 November, 23:09-23:14 |
| | | Recorded 1 explosion (outgoing) | IFV (BMP-1) cannon, 73mm | 28 November, 23:56 |

| | | | | |
|--|----------|------------------------------------|---|--------------------------|
| | | Recorded 1 flash | Small arms | 29 November, 00:01-00:04 |
| | | Recorded 1 undetermined explosion | N/K | |
| | | Recorded 1 explosion (outgoing) | Mortar (N/K calibre) | |
| | | Recorded 1 airburst | | |
| | | Recorded 3 small flashes | N/K | 29 November, 00:25 |
| | | Recorded 1 small flash | | 29 November, 20:24 |
| | | Recorded 1 illumination flare | | 29 November, 20:33-34 |
| | | Recorded 1small flash | | |
| | | Recorded 5 small flashes | | 29 November, 20:40-20:46 |
| | | Recorded several flashes | | 29 November, 20:47 |
| | | Recorded 1 explosion (outgoing) | Mortar (N/K calibre) | 29 November, 20:51 |
| | | Recorded 1 undetermined explosion | N/K | 29 November, 21:00 |
| | | Recorded 4 flashes (outgoing) | IFV (BMP-1) cannon, 73mm; HMG, small arms | 29 November, 21:08-21:11 |
| | | Recorded 2 undetermined explosions | N/K | 29 November, 21:14 |
| | | Recorded 2 flashes | Under barrel grenade launcher | 29 November, 21:25-21:26 |
| | | Recorded 1 flash | Small arms | 29 November, 21:26 |
| | | Recorded 2 explosions (outgoing) | Mortar (N/K calibre) | 29 November, 21:29-21:43 |
| | | Recorded 1small flash | Small arms | |
| | | Recorded 2 small flashes | Small arms | 29 November, 21:52-21:59 |
| | | Recorded 1 explosion (outgoing) | Mortar (N/K calibre) | 29 November, 22:01 |
| | | Recorded 1 projectile | SPG-9 | 29 November, 22:07-22:10 |
| | | Recorded 2 small flashes | Small arms | |
| Sokilnyky (“LPR”-controlled, 38km NW of Luhansk) | 2-3km NW | Heard 10 shots | Small arms | 30 November, 10:40-10:46 |
| Lobacheve (government-controlled, 17km NW of Luhansk) | 2-3km W | Heard 4 shots | Small arms | 30 November, 10:48 |
| Trokhizbenka (government-controlled, 32km NW of Luhansk) | 5km SW | Heard 7 undetermined explosions | N/K | 30 November, 12:38-12:49 |

Map of Donetsk and Luhansk regions²



² The SMM is actively 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 bases from which SMM staff has temporarily relocated since 27 September based on recommendations of security experts from participating States).