

Table of ceasefire violations as of 13 May 2019¹

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|----------------|----------|------------|--------------------|--------------------|---------------|---------------|
| SMM camera in Berezove (government-controlled, 31km SW of Donetsk) | 3-4km SE | Recorded | 1 | Illumination flare | In vertical flight | N/K | 12-May, 22:26 |
| | 3-4km SE | Recorded | 1 | Illumination flare | In vertical flight | N/K | 13-May, 00:00 |
| SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol) | 3-4km SSE | Recorded | 1 | Explosion | Undetermined | N/K | 12-May, 20:44 |
| | 2-4km SSE | Recorded | 23 | Projectile | ENE to WSW | N/K | 12-May, 20:57 |
| | 3-4km SSE | Recorded | 1 | Illumination flare | In vertical flight | N/K | 12-May, 21:16 |
| | 3-4km SSE | Recorded | 1 | Projectile | ENE to WSW | N/K | 12-May, 21:26 |
| | 3-4km SSE | Recorded | 1 | Projectile | WSW to ENE | N/K | 12-May, 21:27 |
| | 3-4km SSE | Recorded | 1 | Projectile | WSW to ENE | N/K | 12-May, 21:29 |
| | 3-4km SSE | Recorded | 2 | Projectile | ENE to WSW | N/K | 12-May, 21:45 |
| | 3-4km SSE | Recorded | 1 | Projectile | ENE to WSW | N/K | 12-May, 21:46 |
| | 3-4km SSE | Recorded | 5 | Muzzle flash | | N/K | 12-May, 21:48 |
| | 3-4km SSE | Recorded | 1 | Projectile | ENE to WSW | N/K | 12-May, 21:48 |
| | 3-4km SSE | Recorded | 1 | Muzzle flash | | N/K | 12-May, 21:52 |
| | 3-4km SSE | Recorded | 2 | Muzzle flash | | N/K | 12-May, 21:55 |
| | 3-4km SSE | Recorded | 2 | Muzzle flash | | N/K | 12-May, 21:56 |
| | 3-4km SSE | Recorded | 1 | Muzzle flash | | N/K | 12-May, 21:58 |
| | 3-4km SSE | Recorded | 1 | Projectile | WNW to ESE | N/K | 12-May, 22:14 |
| | 3-4km SSE | Recorded | 2 | Projectile | WNW to ESE | N/K | 12-May, 22:15 |
| | 3-4km SSE | Recorded | 1 | Projectile | WNW to ESE | N/K | 12-May, 22:17 |
| | 3-4km SSE | Recorded | 7 | Projectile | ENE to WSW | N/K | 12-May, 22:48 |
| | 3-4km SSE | Recorded | 3 | Projectile | ENE to WSW | N/K | 12-May, 22:49 |
| | 3-4km SSE | Recorded | 1 | Projectile | WNW to ESE | N/K | 12-May, 23:52 |
| | 3-4km SSE | Recorded | 1 | Muzzle flash | | N/K | 13-May, 00:06 |
| | 3-4km SSE | Recorded | 1 | Projectile | WNW to ESE | N/K | 13-May, 00:08 |
| | 3-4km SSE | Recorded | 1 | Explosion | Undetermined | N/K | 13-May, 00:08 |
| | 3-4km SSE | Recorded | 2 | Projectile | WNW to ESE | N/K | 13-May, 00:36 |
| | 3-4km SSE | Recorded | 11 | Projectile | ENE to WSW | N/K | 13-May, 01:04 |
| | 3-4km SSE | Recorded | 3 | Projectile | ENE to WSW | N/K | 13-May, 01:14 |
| | 3-4km SSE | Recorded | 3 | Projectile | ENE to WSW | N/K | 13-May, 01:22 |
| | 3-4km SSE | Recorded | 8 | Projectile | ENE to WSW | N/K | 13-May, 01:34 |
| | 3-4km SSE | Recorded | 3 | Projectile | ENE to WSW | N/K | 13-May, 01:35 |
| | 3-4km SSE | Recorded | 2 | Projectile | WNW to ESE | N/K | 13-May, 01:45 |
| 3-4km SSE | Recorded | 2 | Projectile | WNW to ESE | N/K | 13-May, 01:47 | |
| 3-4km SE | Recorded | 1 | Projectile | ENE to WSW | N/K | 13-May, 02:23 | |
| SMM camera at Donetsk Filtration Station (15km N of Donetsk) | 0.5-1km S | Recorded | 3 | Projectile | ESE to WNW | N/K | 12-May, 20:18 |
| | 0.5-1km S | Recorded | 1 | Explosion | Undetermined | N/K | 12-May, 20:18 |
| | 0.5-1km S | Recorded | 1 | Projectile | E to W | N/K | 12-May, 20:25 |
| | 0.5-1km S | Recorded | 1 | Projectile | ESE to WNW | N/K | 12-May, 20:25 |
| | 2-4km S | Recorded | 1 | Illumination flare | In vertical flight | N/K | 12-May, 20:40 |
| | 0.5-1km S | Recorded | 2 | Projectile | WNW to ESE | N/K | 12-May, 23:11 |
| | 0.5-1km S | Recorded | 2 | Projectile | NNW to SSE | N/K | 12-May, 23:12 |
| | 0.5-1km S | Recorded | 1 | Projectile | NNW to SSE | N/K | 12-May, 23:30 |
| | 0.5-1km S | Recorded | 4 | Projectile | SE to NW | N/K | 13-May, 00:02 |
| | 0.5-1km SSW | Recorded | 1 | Projectile | WNW to ESE | N/K | 13-May, 00:04 |
| | 0.5-1km SSW | Recorded | 1 | Projectile | WNW to ESE | N/K | 13-May, 00:05 |
| 0.5-1km S | Recorded | 1 | Projectile | SE to NW | N/K | 13-May, 00:06 | |

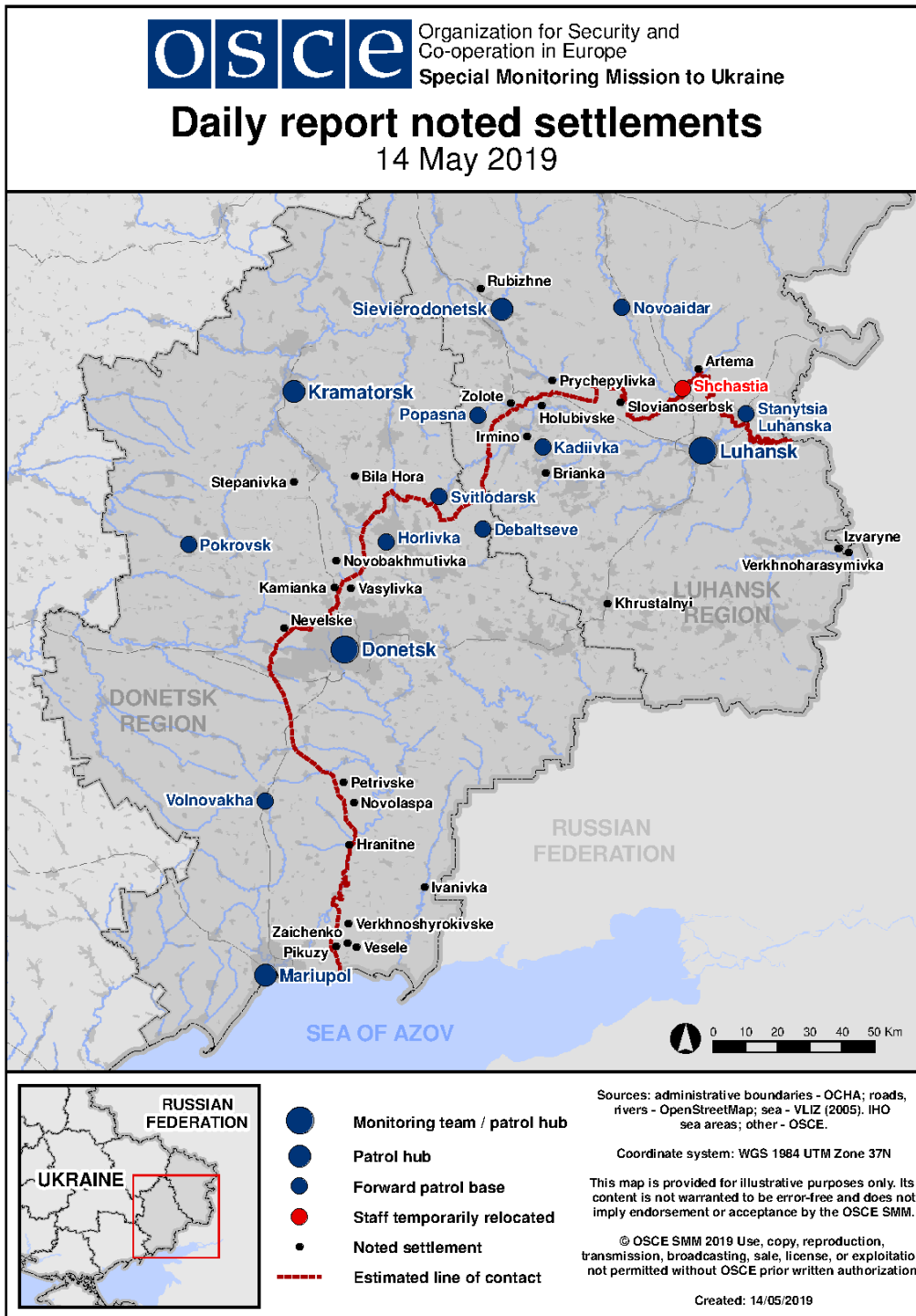
¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, 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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| | 0.5-1km S | Recorded | 1 | Projectile | ESE to WNW | N/K | 13-May, 00:07 |
| | 0.5-1km S | Recorded | 1 | Projectile | ESE to WNW | N/K | 13-May, 00:08 |
| | 300-500m SSW | Recorded | 1 | Illumination flare | In vertical flight | N/K | 13-May, 00:26 |
| | 1-2km SSW | Recorded | 1 | Explosion | Undetermined | N/K | 13-May, 00:27 |
| | 0.5-1km S | Recorded | 2 | Projectile | SE to NW | N/K | 13-May, 00:29 |
| | 0.5-1km S | Recorded | 1 | Projectile | ESE to WNW | N/K | 13-May, 00:29 |
| | 0.5-1km S | Recorded | 3 | Projectile | ESE to WNW | N/K | 13-May, 00:53 |
| | 0.5-1km S | Recorded | 1 | Projectile | E to W | N/K | 13-May, 01:21 |
| | 0.5-1km S | Recorded | 1 | Projectile | NE to SW | N/K | 13-May, 01:21 |
| | 0.5-1km S | Recorded | 7 | Projectile | ESE to WNW | N/K | 13-May, 01:22 |
| | 0.5-1km S | Recorded | 1 | Projectile | E to W | N/K | 13-May, 01:49 |
| | 0.5-1km S | Recorded | 3 | Projectile | ENE to WSW | N/K | 13-May, 01:50 |
| | 0.5-1km S | Recorded | 2 | Projectile | NW to SE | N/K | 13-May, 01:54 |
| | 1-2km SSE | Recorded | 1 | Explosion | Undetermined | N/K | 13-May, 01:58 |
| | 0.5-1km SSE | Recorded | 2 | Projectile | E to W | N/K | 13-May, 02:44 |
| | 1-2km SSE | Recorded | 1 | Explosion | Undetermined | N/K | 13-May, 03:30 |
| | 0.5-1km SSW | Recorded | 1 | Projectile | NW to SE | N/K | 13-May, 03:38 |
| | 0.5-1km S | Recorded | 2 | Projectile | ENE to WSW | N/K | 13-May, 03:57 |
| SMM camera in Hranitne (government-controlled, 60km S of Donetsk) | 2-4km E | Recorded | 3 | Muzzle flash | | N/K | 12-May, 20:56 |
| | 2-4km E | Recorded | 3 | Projectile | SSE to NNW | N/K | 12-May, 20:56 |
| | 2-4km ENE | Recorded | 2 | Explosion | Undetermined | N/K | 12-May, 20:56 |
| | 1-2km ENE | Recorded | 1 | Projectile | NW to SE | N/K | 12-May, 20:56 |
| | 1-2km ENE | Recorded | 1 | Projectile | NNW to SSE | N/K | 12-May, 20:58 |
| | 1-2km ENE | Recorded | 2 | Projectile | N to S | N/K | 12-May, 20:59 |
| | 1-2km ENE | Recorded | 7 | Projectile | NNW to SSE | N/K | 12-May, 21:00 |
| | 2-3km E | Recorded | 52 | Projectile | SSE to NNW | N/K | 12-May, 21:02 |
| | 2-3km E | Recorded | 1 | Explosion | Impact | N/K | 12-May, 21:02 |
| | 1-4km E | Recorded | 1 | Projectile | SE to NW | N/K | 12-May, 21:05 |
| | 1-2km ENE | Recorded | 5 | Projectile | NNW to SSE | N/K | 12-May, 21:12 |
| | 1-2km E | Recorded | 5 | Projectile | NNW to SSE | N/K | 12-May, 21:38 |
| | 1-2km ENE | Recorded | 10 | Projectile | NW to SE | N/K | 12-May, 21:41 |
| | 1-2km E | Recorded | 2 | Projectile | NNW to SSE | N/K | 12-May, 21:43 |
| | 1-2km E | Recorded | 3 | Projectile | In vertical flight | N/K | 12-May, 21:44 |
| | 1-2km E | Recorded | 3 | Projectile | NNW to SSE | N/K | 12-May, 21:44 |
| | 1-2km E | Recorded | 2 | Projectile | SSW to NNE | N/K | 12-May, 21:44 |
| | 1-2km E | Recorded | 12 | Projectile | NNW to SSE | N/K | 12-May, 21:45 |
| | 1-2km E | Recorded | 2 | Projectile | NNW to SSE | N/K | 12-May, 21:55 |
| | 1-2km E | Recorded | 4 | Projectile | NNW to SSE | N/K | 12-May, 21:57 |
| | 1-2km ENE | Recorded | 1 | Projectile | NNW to SSE | N/K | 12-May, 22:02 |
| 1-2km E | Recorded | 2 | Projectile | NNW to SSE | N/K | 12-May, 22:03 | |
| 1-2km ENE | Recorded | 1 | Projectile | In vertical flight | N/K | 12-May, 22:03 | |
| SE part of Avdiivka (government-controlled, 17km N of Donetsk) | 2-4km E | Heard | 1 | Explosion | Undetermined | N/K | 13-May, 09:58 |
| | 2-4km SE | Heard | 8 | Explosion | Undetermined | N/K | 13-May, 14:25 |
| | 2-4km SE | Heard | 4 | Explosion | Undetermined | N/K | 13-May, 14:28 |
| | 2-4km SE | Heard | 1 | Explosion | Undetermined | N/K | 13-May, 14:29 |
| | 2-4km E | Heard | 2 | Explosion | Undetermined | N/K | 13-May, 14:31-14:32 |
| | 2-4km E | Heard | 1 | Explosion | Undetermined | N/K | 13-May, 14:34 |
| 2-4km E | Heard | 2 | Explosion | Undetermined | N/K | 13-May, 14:36 | |
| Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk) | 1-2km W | Heard | 4 | Burst | | Small arms | 13-May, 11:40-11:49 |
| About 1km NW of the railway station in Yasynuvata (non- | 3-4km WSW | Heard | 1 | Explosion | Undetermined | N/K | 13-May, 09:57 |
| | 1-2km N | Heard | 16 | Shot | | Small arms | 13-May, 10:04 |
| | 2-3km W | Heard | 1 | Explosion | Undetermined | N/K | 13-May, 10:17 |
| | 1-2km WSW | Heard | 10 | Shot | | Small arms | 13-May, 14:10-14:25 |

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| government-controlled, 16km NE of Donetsk) | 2-3km WSW | Heard | 7 | Explosion | Undetermined | N/K | 13-May, 14:10-14:25 |
| | 2-3km WSW | Heard | 1 | Explosion | Impact | N/K | 13-May, 14:10-14:25 |
| | 1-2km WSW | Heard | 89 | Shot | | Small arms | 13-May, 14:26-14:31 |
| | 2-3km WSW | Heard | 4 | Explosion | Undetermined | N/K | 13-May, 14:26-14:31 |
| | 2-3km WSW | Heard | 3 | Explosion | Impact | N/K | 13-May, 14:26-14:31 |
| | 2-3km WSW | Heard | 2 | Explosion | Undetermined | N/K | 13-May, 14:34-14:42 |
| | 2-3km WSW | Heard | 3 | Explosion | Impact | | 13-May, 14:34-14:42 |
| | 2-3km WSW | Heard | 2 | Explosion | Undetermined | N/K | 13-May, 14:57 |
| | 1-2km WSW | Heard | 29 | Shot | | Small arms | 13-May, 14:59 |
| 2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol) | N/K ENE | Heard | 3 | Explosion | Undetermined | N/K | 13-May, 09:20 |
| | N/K ENE | Heard | 2 | Burst | | Small arms | 13-May, 09:20 |
| Lebedynske (government-controlled, 16km NE of Mariupol) | N/K E | Heard | 1 | Explosion | Undetermined | N/K | 13-May, 09:29 |
| | N/K E | Heard | 1 | Explosion | Undetermined | N/K | 13-May, 09:49-09:58 |
| | N/K NE | Heard | 1 | Explosion | Undetermined | N/K | 13-May, 09:49-09:58 |
| | N/K NE | Heard | 1 | Explosion | Undetermined | N/K | 13-May, 10:39 |
| | N/K E | Heard | 1 | Explosion | Undetermined | N/K | 13-May, 10:44 |
| Sakhanka (non-government-controlled, 24km NE of Mariupol) | N/K W | Heard | 1 | Shot | | Small arms | 13-May, 12:55 |
| Horlivka (non-government-controlled, 39km NE of Donetsk) | 3-5km NW | Heard | 6 | Burst | | HMG | 12-May, 19:45 |
| | 4-5km NW | Heard | 1 | Explosion | Undetermined | N/K | 12-May, 21:33 |
| | 4-5km NW | Heard | 1 | Explosion | Undetermined | N/K | 12-May, 21:39 |
| | 4-5km W | Heard | 1 | Explosion | Undetermined | N/K | 12-May, 22:05 |
| | 4-5km W | Heard | 5 | Explosion | Undetermined | N/K | 12-May, 22:32-22:33 |
| | 3-4km W | Heard | 12 | Burst | | HMG | 12-May, 22:31-22:33 |
| | 4-5km W | Heard | 5 | Explosion | Undetermined | N/K | 12-May, 22:36 |
| | 3-5km W | Heard | 16 | Burst | | HMG | 12-May, 22:35-22:38 |
| | 3-5km W | Heard | 7 | Burst | | HMG | 12-May, 22:39-22:40 |
| | 3-5km W | Heard | 11 | Burst | | HMG | 12-May, 22:42-22:46 |
| | 3-5km NW | Heard | 3 | Explosion | Undetermined | N/K | 13-May, 08:40 |
| About 2km SSE of Kamianka (government-controlled, 20km N of Donetsk) | 2-3km NNE | Heard | 8 | Burst | | Small arms | 13-May, 10:04-10:05 |
| SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk) | 3-4km SSW | Recorded | 2 | Muzzle flash | | N/K | 13-May, 03:16 |
| | 3-4km SSW | Recorded | 2 | Projectile | ENE to WSW | N/K | 13-May, 03:16 |

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|--|-------------|-------|----|----------------|---|------------|---------------------|
| Popasna (government-controlled, 69km W of Luhansk) | 7-10km S | Heard | 5 | Explosion | Undetermined | N/K | 12-May, 23:53-00:13 |
| | 7-10km S | Heard | 17 | Shot and burst | | Small arms | 12-May, 23:53-00:13 |
| | 7-10km SE | Heard | 1 | Explosion | Undetermined | N/K | 13-May, 02:40-03:10 |
| | 5-7km SE | Heard | 17 | Burst | | Small arms | 13-May, 02:40-03:10 |
| E edge of Popasna (government-controlled, 69km W of Luhansk) | 5-7km ENE | Heard | 2 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 13-May, 17:17-17:18 |
| | 3-5km E | Heard | 1 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 13-May, 17:37 |
| 500m SE of Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk) | 100-200m NE | Heard | 2 | Shot | Assessed as aimed at SMM mini-UAV | Small arms | 13-May, 11:31 |
| Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk) | 2km N | Heard | 1 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 13-May, 11:55 |
| S edge of Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk) | 1km NW | Heard | 2 | Burst | Assessed as outside the disengagement area | HMG | 13-May, 11:48 |
| S edge of Holubivske (non-government-controlled, 51km W of Luhansk) | 4-5km WNW | Heard | 5 | Explosion | Undetermined | N/K | 13-May, 12:48-13:05 |
| | 4-5km WNW | Heard | 29 | Shot | | HMG | 13-May, 12:48-13:05 |
| Holubivske (non-government-controlled, 51km W of Luhansk) | 3-6km W | Heard | 10 | Explosion | Undetermined | N/K | 13-May, 13:25-13:50 |
| | 3-6km W | Heard | 45 | Burst | | HMG | 13-May, 13:25-13:50 |

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 bases from which SMM staff has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations).