

Table of ceasefire violations as of 26 December 2016¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2km S	Heard 41 explosions (outgoing)	Recoilless gun (SPG-9, 73mm) or IFV (BMP-1) cannon (73mm)	22 December, 18:30-00:00
	2km SSE	Heard overlapping bursts and single shots	AGL, HMG and small arms	
	7km S	Heard 12 explosions (impacts)	MLRS (type N/K)	22 December, 19:10
		Heard 16 explosions (impacts)		22 December, 19:11
	3-4km SSE	Heard 98 explosions (impacts)	Mortar (120mm)	22 December, 20:01-00:46
	4-5km NNE	Heard 25 explosions (outgoing)	Artillery (122mm)	22 December, 20:30-00:00
	5km NNE	Heard 14 explosions (outgoing)	Artillery (152mm)	22 December, 20:47-00:00
	3-4km SSE	Heard 13 explosions (outgoing)	Tank (type N/K)	22 December, 20:57-00:00
	3km SSW	Heard 18 bursts	Anti-aircraft cannon (ZU-23, 23mm) or IFV (BMP-2) cannon (30mm)	22 December, 21:52-00:00
	3-4km SSE	Heard at least 200 explosions (impacts)	Mortar (120mm)	23 December, 06:30-08:45
	2km SSE	Heard 39 explosions (outgoing)	Recoilless gun (SPG-9) or RPG	
	3km SE	Heard 22 explosions (impacts)	Mortar (120mm)	23 December, 10:30-10:50
	4km ESE	Heard 27 explosions (outgoing)	Artillery (122mm)	23 December, 11:07-11:15
	3km SE	Heard 39 explosions (outgoing)	Tank (type N/K)	23 December, 11:50-13:10
	4-5km ESE	Heard 47 explosions (outgoing)	Artillery (122mm)	
	3km ESE	Heard 55 explosions (impacts)	Mortar (120mm)	
	3km SSE	Heard 34 explosions (outgoing)	Tank (type N/K)	23 December, 13:30-15:45
		Heard 38 explosions (impacts)	Mortar (120mm)	
	2-3km SSE	Heard 29 bursts	Anti-aircraft cannon (ZU-23) or IFV (BMP 2) cannon (30mm)	
		Heard 40 bursts	HMG	
	1-2km SSE	Heard 17 bursts	AGL	
	2-3km SSE	Heard 42 explosions (outgoing)	Recoilless gun (SPG-9) or IFV (BMP-1) cannon (73mm)	
		Heard 12 explosions (impacts)		
3km ESE	Heard 8 explosions (outgoing)	Tank (type N/K)	23 December, 15:48-18:18	
2-3km ESE	Heard 29 bursts	HMG		
2km ESE	Heard overlapping bursts	Small arms		
	Heard 18 explosions (outgoing)	Recoilless gun (SPG-9) or IFV (BMP-1) cannon (73mm)		
0.3-1km ESE	Heard 3 explosions (impacts)			
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	3-4km NE	Heard 44 undetermined explosions	N/K	22 December, 21:17-21:27
		Heard 37 undetermined explosions		23 December, 06:46-06:58
	4-5km NNE	Heard 11 undetermined explosions		23 December, 08:17

¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed as 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 as the same are entered only once.

	4km NNE	Heard 21 undetermined explosions		23 December, 10:43-10:45
	4-6km NNE	Heard 45 undetermined explosions		23 December, 11:07-11:15
NW edge of Vuhlehirsk ("DPR"-controlled, 48km NE of Donetsk)	6-8km NNE	Heard 17 undetermined explosions	N/K	23 December, 15:05-15:15
Horlivka ("DPR"-controlled, 39km north of Donetsk)	10-12km N	Heard 8 undetermined explosions	N/K	22 December, 19:30
	8-12km NW	Heard 8 undetermined explosions		22 December, 20:35
	4-6km W	Heard 2 bursts	HMG	22 December, 20:42
		Heard 9 bursts	Small arms	22 December, 20:46
Park Inn Hotel ("DPR"-controlled, Donetsk)	7-10km WNW	Heard 4 undetermined explosions	N/K	23 December, 04:06
		Heard 7 undetermined explosions		23 December, 04:08
		Heard 6 undetermined explosions		23 December, 04:14
		Heard 6 undetermined explosions		23 December, 04:20
		Heard 5 undetermined explosions		23 December, 04:24
		Heard 7 undetermined explosions		23 December, 04:26
		Heard 7 undetermined explosions		23 December, 04:33
		Heard 5 undetermined explosions		23 December, 04:39
		Heard 4 undetermined explosions		23 December, 04:47
		Heard 5 undetermined explosions		23 December, 04:52
	6-8km NNW	Heard 1 undetermined explosion	N/K	23 December, 18:32
		Heard 1 undetermined explosion		23 December, 18:39
		Heard 2 undetermined explosions		23 December, 18:40
		Heard 1 undetermined explosion		23 December, 18:58
		Heard 4 undetermined explosions		23 December, 19:04
		Heard 5 undetermined explosions		23 December, 19:24
		Heard 5 undetermined explosions		23 December, 19:26
		Heard 1 undetermined explosion		23 December, 19:27
		Heard 3 undetermined explosions		23 December, 19:28
		Heard 2 undetermined explosions		23 December, 19:30
Yasynuvata railroad station ("DPR"-controlled, 16km NE of Donetsk)	2-3km W	Heard 30 single shots	Small arms	23 December, 09:18-09:30
		Heard 300 single shots		23 December, 09:39-09:46
	4-6km WNW	Heard 8 undetermined explosions	N/K	23 December, 09:53-10:04
	5-7km N	Heard 1 undetermined explosion		23 December, 10:23
		Heard 1 undetermined explosion	23 December, 10:40	
	2-3km W	Heard 1 burst	Small arms	23 December, 10:42-11:15
	5-7km W	Heard 5 undetermined explosions	N/K	
	1-2km W	Heard 14 single shots	Small arms	
	2-3km W	Heard 10 single shots		
	1-3km W	Heard 100 single shots		
	1km W	Heard 28 single shots		
2-3km W	Heard 3 single shots		23 December, 11:33-11:55	
5-7km W	Heard 6 undetermined explosions	N/K		
Avdiivka (government-controlled, 17km N of Donetsk)	2-3km NE	Heard 1 undetermined explosion	N/K	23 December, 09:55
	3-4km N	Heard 2 undetermined explosions		23 December, 12:01-12:03
	2-3km E	Heard 1 undetermined explosion		23 December, 12:30
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	3-5km NW	Heard 3 single shots	Small arms	23 December, 09:11-09:13
	2-3km NW	Heard 2 undetermined explosions	N/K	23 December, 09:56
Olenivka ("DPR"-controlled,	2-3km WSW	Heard 5 single shots	Small arms	23 December, 09:15
		Heard 2 bursts		

23km SW of Donetsk)				
SMM camera in Shyrokyne (20km E of Mariupol)	1-2km NE	Recorded 4 indirect, rocket-assisted projectiles fired from SW to NE	N/K	23 December, 16:40-16:42
		Recorded 1 indirect, rocket-assisted projectile fired from SW to NE		23 December, 16:52
1km E of Berdianske (government-controlled, 18km E of Mariupol)	4-6km N	Heard 7 undetermined explosions	N/K	23 December, 10:00-10:10
	3-4km NE	Heard 4 explosions (impacts)		23 December, 10:20-10:30
	3-4km N	Heard 8 explosions (impacts)		23 December, 10:35-10:50
	2-3km NNW	Heard 8 explosions (outgoing)		
	3-4km N	Heard 5 explosions (impacts)		
	2-3km NE	Heard 6 explosions (impacts)		
		Heard 3 explosions (outgoing)		
3km N	Heard 10 single shots	Small arms		
SW edge of Lebedynske (government-controlled, 16km ENE of Mariupol)	3km NE	Heard 3 undetermined explosions	N/K	23 December, 11:15-11:20
Talakovka (government-controlled, 17km NE of Mariupol) 10	1-2km W	Heard 8 explosions (outgoing)	N/K	23 December, 12:12-12:20
	4-6km SE	Heard 2 undetermined explosions		
Uspenka ("LPR"-controlled, 23km SW of Luhansk)	5-6km SE	Heard 15-20 undetermined explosions (assessed as live-fire training)	Tank and IFV (BMP-1) cannon (73mm)	23 December, 09:35-09:55
		Heard multiple bursts (assessed as live-fire training)	HMG	
Verhulivka ("LPR"-controlled, 61km W of Luhansk)	10km SW	Heard 40 explosions (four quick volleys of 10 each)	Artillery (calibre N/K)	23 December, 10:12-10:20
Western edge of Verhulivka ("LPR"-controlled, 61km W of Luhansk)	10km NW	Heard 24 undetermined explosions (6 volleys of 4 each)	Artillery (calibre N/K)	23 December, 10:45-11:00
	15km SW	Heard 20 explosions (impacts)		23 December, 11:02
		Heard 20 explosions (impacts)		23 December, 11:06
	10km SW	Heard 40 explosions (impacts)		23 December, 11:08
	5km SW	Heard 40 explosions (impacts)		23 December, 11:14
	10km SW	Heard 20 explosions (impacts)		23 December, 11:20
		Heard 20 explosions (impacts)		23 December, 11:25
	500m SW	Heard 1 explosion (outgoing)		23 December, 11:42
		Heard 2 explosions (outgoing)		23 December, 11:44
10km SW	Heard 20 explosions (impacts)	23 December, 11:57		
500m SW	Heard 4 explosions (outgoing)	23 December, 12:30		
Novozvanivka (government-controlled, 70km W of Luhansk)	10-15km SW	Heard 30 undetermined explosions	Artillery and mortar	23 December, 11:09-11:15
N outskirts of Troitske (government-controlled, 69km W of Luhansk)	8-15km SW and 10-20km SSE	Heard 110 undetermined explosions	Artillery and/or mortar	23 December, 11:40-12:05
	3-15km E, SSE and W	Heard at least 150 explosions (both outgoing and impacts)	Artillery, mortar and MLRS	23 December, 12:41-12:48
Troitske (government-controlled, 69km W of Luhansk)	1-2km SSW	Heard 10-15 explosions (impacts)	MLRS	23 December, 12:30
Novozvanivka (government-controlled, 70km W of Luhansk)	5-10km SE	Heard 12 undetermined explosions	Artillery and mortar	23 December, 13:00
	2-3km SW	Heard 16 single shots	Anti-aircraft gun (ZU-23)	
		Heard multiple bursts	HMG	
Yuzhna-Lomuvatka		Heard 4 explosions (assessed as 1	Towed howitzer	23 December, 12:55

("LPR"-controlled, 61km W of Luhansk)	3-4km SW	outgoing volley of 4 artillery systems)	(2A65 <i>Msta-B</i> , 152mm)	23 December, 12:57	
		Heard 4 explosions (assessed as 1 outgoing volley of 4 artillery systems)		23 December, 12:58	
		Heard 4 explosions (assessed as 1 outgoing volley of 4 artillery systems)		23 December, 12:59	
		Heard 4 explosions (assessed as 1 outgoing volley of 4 artillery systems)			
VeseloHorivka ("LPR"-controlled, 64km W of Luhansk)	5km NE	Heard 10 explosions (outgoing)	AGL (AGS)	23 December, 13:25-13:47	
		Heard 30 explosions (outgoing)	Mortar		
		Heard 4 bursts	HMG		
		Heard 5 single shots	Small arms		
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SSE	Heard 28 explosions (impacts)	Mortar (120mm)	23 December, 19:00-22:46	
	4-5km SSE	Heard 28 explosions (outgoing)	Artillery (122mm)	23 December, 20:30-20:50	
	70-200m S	Heard and saw 2 explosions (impacts)		23 December, 20:50	
	200-300m N	Heard 1 explosion (impact)			
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	3-5km NNE	Heard 33 undetermined explosions	N/K	23 December, 20:05-20:26	
	8-10km NNW	Heard 28 undetermined explosions		23 December, 21:08-21:10	
Horlivka ("DPR"-controlled, 39km N of Donetsk)	4-5km SW	Heard 10 explosions (impacts)	Mortar (type N/K)	23 December, 19:30-20:00	
		Heard 70 undetermined explosions	N/K		
		Heard 33 bursts	HMG		
		Heard 9 explosions (impacts)	Mortar (type N/K)		
		Heard 48 undetermined explosions	N/K		
		Heard 17 bursts	HMG		
	5-6km NW	Heard 15 bursts	Small arms	23 December, 20:16	
		Heard 3 undetermined explosions	N/K		
	4-5km WSW	Heard 12 explosions (impacts)	Heard 12 explosions (impacts)	Mortar (type N/K)	23 December, 20:16-20:30
			Heard 63 undetermined explosions	N/K	
			Heard 17 bursts	HMG	
			Heard 12 bursts	Small arms	
		Heard 4 explosions (impacts)	Heard 4 explosions (impacts)	Mortar (type N/K)	23 December, 20:31-20:45
			Heard 17 undetermined explosions	N/K	
			Heard 16 bursts	HMG	
			Heard 12 explosions (impacts)	Mortar (type N/K)	
		Heard 39 undetermined explosions	Heard 39 undetermined explosions	N/K	23 December, 20:46-21:00
			Heard 18 bursts	HMG	
			Heard 8 bursts	Small arms	
			Heard 8 explosions (impacts)	Mortar (Type N/K)	
		Heard 50 undetermined explosions	Heard 50 undetermined explosions	N/K	23 December, 21:01-21:15
			Heard 8 bursts	HMG	
	Heard 2 bursts		Small arms		
	Heard 5 explosions (impacts)		Mortar (type N/K)		
	Heard 71 undetermined explosions	Heard 71 undetermined explosions	N/K	23 December, 21:16-21:30	
		Heard 49 bursts	HMG		
		Heard 25 bursts	Small arms		
		Heard 8 bursts	Small arms		
4-6km W	Heard at least 170 undetermined explosions	N/K	23 December, 21:31-00:00		
4-6km NW	Heard at least 160 undetermined explosions		23 December, 23:30-23:45		
4-6km NE	Heard at least 165 undetermined explosions		24 December, 00:30-01:00		
3km WSW	Heard 16 salvos (3-5 outgoing explosions per salvo)	MLRS (BM-21 <i>Grad</i> , 122mm)	23 December, 23:30-23:45		
	Heard 17 undetermined explosions	N/K	24 December, 00:30-01:00		
Park Inn Hotel	6-8km NNW	Heard 2 undetermined explosions	N/K	23 December, 20:27	

("DPR"-controlled, Donetsk)		Heard 2 undetermined explosions		23 December, 20:28
		Heard 1 undetermined explosion		23 December, 20:38
		Heard 1 undetermined explosion		23 December, 22:26
		Heard 2 undetermined explosions		23 December, 22:29
		Heard 2 undetermined explosions		23 December, 22:58
Yasynuvata railway station ("DPR"-controlled, 16km NE of Donetsk)	3km N	Heard 5 bursts	Small arms	24 December, 08:37
		Heard 11 bursts		24 December, 08:40
	5-7km W	Heard 1 undetermined explosion	N/K	24 December, 09:35
Avdiivka (government controlled, 17km N of Donetsk)	3-4km N	Heard 1 undetermined explosion	N/K	24 December, 10:41
	2-3km E	Heard 6 single shots	Small arms	24 December, 10:47
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	3-4km NW	Heard 5 bursts	Small arms	24 December, 11:55
		Heard 11 single shots		24 December, 11:57-12:04
		Heard 34 single shots		24 December, 12:15-12:18
		Heard 6 bursts		24 December, 12:19
		Heard 9 single shots		24 December, 12:22
		Heard 2 single shots		24 December, 13:02
		Heard 4 single shots		24 December, 13:15
		Heard 7 single shots		24 December, 13:24
		Heard 4 single shots		24 December, 13:32
	Heard 6 bursts	24 December, 13:38		
Oleksandrivka ("DPR"-controlled, 20km south-west of Donetsk)	2-3km W	Heard 10 single shots	Small arms	24 December, 10:03
		Heard 19 single shots		24 December, 10:16-10:36
Maksymilianivka (government-controlled, 30km W of Donetsk)	1-3km NW	Heard 2 undetermined explosions	N/K	24 December, 13:58
		Heard 2 single shots	Small arms	
Petrivske ("DPR"-controlled, 41km south of Donetsk)	5-6km N	Heard 1 undetermined explosion	N/K	24 December, 11:37
2km N of Vodiane (government-controlled, 19km NE of Mariupol)	2km S	Heard 1 undetermined explosion	N/K	24 December, 10:01
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol)	N/K SSE	Heard 3 undetermined explosions	N/K	24 December, 11:05
	1km NW	Heard 4 single shots	Small arms	24 December, 11:25
Sakhanka ("DPR"-controlled, 24km NE of Mariupol)	3-5km WNW	Heard overlapping bursts and shots	HMG and small arms	24 December, 12:25-12:50
		Heard 1 explosion (impact)	Mortar (type N/K)	
Hnutove (government-controlled, 20km NE of Mariupol)	3-4km NE	Heard 1 burst	Small arms	24 December, 12:43-12:47
	N/K SE	Heard 1 undetermined explosion	N/K	
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 2 undetermined explosions	N/K	24 December, 16:37
		Recorded 1 airburst		24 December, 17:04
		Recorded 8 tracer rounds in flight from W to E	Small arms	24 December, 17:05-17:06
		Recorded 3 tracer rounds in flight from E to W		
		Recorded 3 rocket-assisted projectiles in flight from E to W	N/K	24 December, 17:06-17:12
		Recorded 8 rocket-assisted projectiles in flight from W to E		
Recorded 2 rocket-assisted projectiles in flight from E to W	24 December, 17:14-17:17			

		Recorded 15 rocket-assisted projectiles in flight from W to E		24 December, 17:14-17:19
		Recorded 3 undetermined explosions		24 December, 17:14-17:21
		Recorded 3 tracer rounds in flight from W to E	Small arms	24 December, 17:18
		Recorded 1 rocket-assisted projectile in flight from E to W and 1 subsequent explosion (impact)	N/K	24 December, 17:21
		Recorded 1 rocket-assisted projectile in flight from E to W		24 December, 17:22
		Recorded 2 tracer rounds in flight from W to E	Small arms	
		Recorded 2 rocket-assisted projectiles in flight from W to E	N/K	24 December, 18:30-18:31
		Recorded 7 rocket-assisted projectiles in flight from E to W		
		Recorded 20 tracer rounds in flight from W to E	Small arms	24 December, 18:33-18:34
		Recorded 3 tracer rounds in flight from W to E		
		Recorded 14 tracer rounds in flight from E to W		
		Recorded 2 tracer rounds in flight from E to W		
		Recorded 3 tracer rounds in flight from E to W		
		Recorded 1 tracer round in flight from E to W		
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	5-10km NW	Heard at least 83 undetermined explosions	Artillery (N/K calibre)	23 December, 19:50-20:20
	5km NW	Heard 18 undetermined explosions	Artillery (N/K calibre)	23 December, 20:55-21:15
		Heard 5 outgoing salvos (3-5 seconds each, assessed as partial cassettes)	MLRS (BM-21 <i>Grad</i> , 122mm)	
	5-10km NW	Heard 31 undetermined explosions	Artillery (N/K calibre)	23 December, 21:30-21:43
	Heard at least 2 outgoing salvos (3-5 seconds each, assessed as partial cassettes)	MLRS (BM-21 <i>Grad</i> , 122mm)		
Kalynove ("LPR"-controlled, 60km W of Luhansk)	5km SW	Heard 2 bursts	HMG	24 December, 09:35-09:50
1.4km SW of Kalynove ("LPR"-controlled, 60km west of Luhansk)	N/K W	Heard 8 explosions (2 sets of four outgoing rounds)	Mortar (N/K calibre)	24 December, 10:30-10:50
	500-600m W	Heard 2 single shots	Small arms	24 December, 10:42
Luhansk city ("LPR"-controlled)	3-5km SE	Heard 1 undetermined explosion	N/K	24 December, 11:13
Park Inn Hotel ("DPR"-controlled, Donetsk)	7-10km NW	Heard 1 undetermined explosion	N/K	24 December, 19:40
Avdiivka (government-controlled, 17km N of Donetsk)	1km SE	Heard 10 single shots	Small arms	25 December, 10:29-10:39
		Heard 3 bursts		
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-3km W	Heard 3 bursts	Small arms	December 25, 13:43-13:46
		Heard 3 undetermined explosions	N/K	
		Heard 2 single shots	Small arms	December 25, 14:27
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km W	Heard 15 bursts	HMG and small arms	25 December, 12:40-12:45
		Heard 5-7 explosions (impacts)	N/K	

Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol)	0.5-1km SW	Heard 20-30 single shots	Small arms	25 December, 12:50-12:58
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	1-1.5km N	Heard 1 burst	Small arms	25 December, 13:26
SMM camera in Shyrokyne (government-controlled, 20km E of Mariupol)	N/K N	Recorded 21 rocket-assisted projectiles in flight from W to E	N/K	25 December, 18:45-18:49
		Recorded 2 indirect, rocket-assisted projectiles in flight from S to N		
		Recorded 3 indirect, rocket-assisted projectiles in flight from W to E		
		Recorded 4 tracer rounds in flight from E to W		
		Recorded 1 tracer round in flight from E to W	Anti-aircraft gun (type N/K)	25 December, 18:49-18:51
		Recorded 33 tracer rounds in flight from E to W		
		Recorded 9 tracer rounds in flight from W to E	N/K	25 December, 18:51-18:53
		Recorded 1 indirect, tracer round in flight from W to E		
		Recorded 1 rocket-assisted projectiles in flight from E to W		
		Recorded 1 rocket-assisted projectile in flight from W to E	N/K	25 December, 18:51-18:53
		Recorded 1 indirect, rocket-assisted projectile in flight from W to E		
		Recorded 4 tracer rounds in flight from W to E	Small arms	25 December, 18:53-18:57
		Recorded 2 tracer rounds fired from S to N		
		Recorded 8 tracer rounds in flight from W to E	Anti-aircraft gun (type N/K)	25 December, 18:53-18:57
		Recorded 1 explosion (impact)		
		Recorded 12 tracer rounds in flight from E to W	Anti-aircraft gun (type N/K)	25 December, 18:53-18:57
		Recorded 21 tracer rounds in flight from W to E		
		Recorded 3 explosions (impact)	N/K	25 December, 18:53-18:57
		Recorded 14 tracer rounds fired S to N		
		Recorded 4 undetermined explosions	N/K	25 December, 18:58-19:01
		Recorded 2 tracer rounds in flight from W to E		
		Recorded 2 indirect, rocket-assisted projectiles in flight from W to E		
		Recorded 6 tracer rounds in flight from W to E	Anti-aircraft gun (type N/K)	25 December, 18:58-19:01
		Recorded 4 tracer rounds in flight from SW to NE		
Recorded 1 tracer round in flight from S to N	N/K	25 December, 18:58-19:01		
Recorded 2 indirect, tracer rounds in flight from W to E				
Recorded 2 tracer rounds in flight from E to W	Anti-aircraft gun (type N/K)	25 December, 19:02-19:05		
Recorded 10 tracer rounds in flight from W to E				
Recorded 24 tracer rounds in flight from E to W	Anti-aircraft gun (type N/K)	25 December, 19:02-19:05		
Recorded 24 tracer rounds in flight from E to W				

		Recorded 1 undetermined explosion	N/K	
		Recorded 12 tracer rounds in flight from E to W	N/K	25 December, 19:06-19:07
		Recorded 4 tracer rounds in flight from E to W	Anti-aircraft gun (type N/K)	25 December, 19:07-19:08
		Recorded 5 explosions (impacts)	N/K	
		Recorded 2 rocket-assisted projectiles in flight from W to E	N/K	25 December, 19:11
		Recorded 33 tracer rounds in flight from E to W	Anti-aircraft gun (ZU-23, 23mm)	25 December, 19:12-19:13
		Recorded 1 indirect, rocket-assisted projectile in flight in flight E to W	N/K	
		Recorded 6 tracer rounds in flight from W to E	Anti-aircraft gun (type N/K)	
		Recorded 2 indirect, tracer rounds in flight from W to E	N/K	25 December, 19:13-19:16
		Recorded 20 indirect, rocket-assisted projectiles in flight from W to E	MLRS (type N/K)	
		Recorded 2 rocket-assisted projectiles in flight from W to E	N/K	
		Recorded 39 tracer rounds in flight from E to W	Anti-aircraft gun (type N/K)	
Novooleksandrivka (65km W of Luhansk)	1km SSE	Heard 1 single shot	Small arms	25 December, 10:55
5km NE of Lopaskyne (government-controlled, 23km NW of Luhansk)	2km SW	Heard 2 single shots	Small arms	25 December, 12:14
SMM camera in Shyrokyne (government-controlled, 20km E of Mariupol)	N/K N	Recorded 1 indirect, rocket-assisted projectile in flight from W to E	N/K	25 December, 20:41
		Recorded 4 indirect, rocket-assisted projectiles in flight from W to E		25 December, 21:08
		Recorded 4 tracer rounds in flight from E to W	Anti-aircraft cannon (type N/K)	25 December, 21:10-21:15
		Recorded 12 indirect, rocket-assisted projectiles in flight from E to W	N/K	
		Recorded 16 tracer rounds fired from SW to NE	Small arms	
		Recorded 9 tracer rounds in flight from SW to NE	Small arms	25 December, 22:14-22:16
		Recorded 12 tracer rounds in flight from SE to NW		
		Recorded 7 tracer rounds in flight from SW to NE		25 December, 22:30-22:33
		Recorded 25 tracer rounds in flight from SE to NW		
		Recorded 11 tracer rounds in flight from SW to NE		
		Recorded 23 tracer rounds in flight from SE to NW	25 December, 23:01-23:04	
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	2-4km NW	Heard 1 undetermined explosion	N/K	26 December, 09:20
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-5km SW	Heard 2 undetermined explosions	N/K	26 December, 09:25
		Heard 1 single shot	Small arms	26 December, 09:44
2.5km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	1-2km NE	Heard 15 bursts	Small arms	26 December, 10:00-10:08
	2km NE	Heard 12 undetermined explosions	N/K	26 December, 10:28-10:38
		Heard 4 explosions (outgoing)	Recoilless gun (SPG-9, 73mm) or RPG	26 December, 10:45-10:50

3km N of Hnutove (government-controlled, 20km NE of Mariupol)	N/K SE	Heard 4 undetermined explosions	N/K	26 December, 10:45-10:50
		Heard 2 burst	Small arms	
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol)	3-5km SSE	Heard 9 explosions (impacts)	Artillery (N/K type)	26 December, 11:20-11:30
	N/K SSE	Heard 4 explosions (outgoing)	N/K	
	3-5km SSE	Heard 15 explosions (impacts)	Artillery (N/K type)	26 December, 12:10-12:20
	2-3km S	Heard overlapping single shots	Small arms	
	3-5km SSE	Heard 9 explosions (impacts)	Artillery (N/K type)	26 December, 12:30-12:35
	2-3km S	Heard overlapping bursts and single shots	HMG and small arms	
Orlivske (government-controlled, 23km NE of Mariupol)	N/K SE	Heard at least 25 undetermined explosions	N/K	26 December, 11:38-11:45
		Heard at least 500 single shots and overlapping bursts	Small arms	
		Heard at least 33 undetermined explosions	N/K	26 December, 11:45-12:10
		Heard at least 200 single shots and overlapping bursts	Small arms	
Sopyne (government-controlled, 16km E of Mariupol)	3km N	Heard overlapping undetermined explosions, bursts and single shots	Small arms, HMG, Recoilless gun (SPG-9, 73mm) and RPG	26 December, 11:43-12:12
	3km N	Heard 16 undetermined explosions	N/K	26 December, 12:25-12:30
		Heard 6 airbursts	HMG	
Heard overlapping bursts				
1km N of Lebedynske (government-controlled, 16km NE of Mariupol)	1-2km E	Heard 3 undetermined explosions	N/K	26 December, 13:10-13:15
		Heard overlapping bursts and single shots	HMG and small arms	
	N/K E	Heard 15 explosions (outgoing and their subsequent impacts)	Artillery (N/K type)	26 December, 13:16-13:21
Azov (formerly Dzerzhynske, "DPR"-controlled, 25km NE of Mariupol)	2-3km SSE (outgoing) and 5-7km SW (impacts)	Heard 9 explosions (outgoing and 8 subsequent impacts)	Artillery (N/K type)	26 December, 13:15-13:20
Svitlodarsk (government-controlled, 57km NE of Donetsk)	8-12km SE	Heard 1 undetermined explosion	N/K	26 December, 14:30
	3-4km SE	Heard overlapping bursts	HMG	26 December, 16:50-16:55
	3-5km SE	Heard 16 single shots	Small arms	26 December, 18:30
SW edge of Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	5-6km NW	Heard 2 bursts	Anti-aircraft gun (ZU-23, 23mm)	26 December, 14:58
SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	3-4 km NNE	Recorded 1 flare in flight from E to W	N/K	26 December, 17:29
		Recorded 1 flare in flight from E to W		26 December, 17:30
Molodizhne ("LPR"-controlled, 63km NW of Luhansk)	10-100m	Saw and heard 8 single shots	Small arms (AK-47)	26 December, 09:00-09:02
		Saw and heard 2 bursts		

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.)