

Table of ceasefire violations as of 19 December 2016¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km S	Heard 14 explosions (outgoing)	Recoilless gun (SPG-9, 73mm) or IFV (BMP-1) cannon (73mm)	18 December, 18:30-19:55
		Heard 17 explosions (outgoing)		18 December, 21:05-22:40
		Heard 12 explosions (outgoing)	Tank (type N/K)	
	8km SE	Heard 71 undetermined explosions	N/K	18 December, 19:44-24:00
Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	6-8km NW	Heard 33 undetermined explosions	N/K	18 December, 18:30-19:30
		Heard 40 undetermined explosions		18 December, 19:30-20:30
		Heard 200 undetermined explosions		18 December, 20:30-23:59
		Heard 100-150 undetermined explosions		19 December, 00:01-01:00
		Heard 200-250 undetermined explosions		19 December, 01:00-02:00
SMM camera in Shyrokyne (20km E of Mariupol)	N/K NE	Recorded 3 tracers from NW to SE	N/K	18 December, 18:58
		Recorded 1 tracer from SE to NW		18 December, 19:10
		Recorded 10 tracers from NW to SE		18 December, 20:55
		Recorded 6 tracers from NW to SE		18 December, 21:15
		Recorded 4 tracers from NW to SE		18 December, 21:33
		Recorded 1 illumination flare		18 December, 23:11
		Recorded 13 tracers from NW to SE		19 December, 04:09
	N/K NNE	Recorded 12 tracers from W to E	N/K	19 December, 16:34 – 16:36
		Recorded 6 tracers from W to E		19 December, 16:44
		Recorded 8 tracers from W to E		19 December, 17:07
	N/K NE	Recorded 2 illumination flares	N/K	19 December, 17:16 – 17:20
		Recorded 18 tracers from W to E		19 December, 17:34
		Recorded 1 undetermined explosion		19 December, 18:09
	1-2km NE	Recorded 20 rocket-assisted projectiles from SSW to NNE	N/K	19 December, 18:13 – 18:14
		Recorded 5 rocket-assisted projectiles from SSW to NNE		
5-7km NE	Recorded 4 explosions (impacts)		19 December, 18:14	
1-2km NE	Recorded 2 rocket-assisted projectiles from SSW to NNE		19 December, 18:15	
5-7km NE	Recorded 1 explosion (impact)			
Horlivka (“DPR”-controlled, 39km N of Donetsk)	10-15 km SW	Heard 1 undetermined explosion	N/K	18 December, 19:32
	10-15 km SW	Heard 1 undetermined explosion		18 December, 19:35
	10-15km N	Heard 1 undetermined explosion		
	5-9km NW	Heard 2 shots	IFV (BMP-2) cannon (30mm)	18 December, 19:40
		Heard 3 undetermined explosions	Recoilless gun (SPG-9, 73mm) or IFV (BMP-1) cannon (73mm)	

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.

		Heard 1 undetermined explosion	Mortar (N/K type)	
	10-15km SW	Heard 1 undetermined explosion	N/K	18 December, 20:00
	5-8km NW	Heard 9 undetermined explosions		18 December, 20:01
	6-10km NW	Heard 10 undetermined explosions		18 December, 20:05-20:08
	8-12km SW	Heard 1 undetermined explosion		18 December, 20:11
	6-10km NW	Heard 7 undetermined explosions		18 December, 20:15
	5-8km NW	Heard 1 undetermined explosion		18 December, 20:20
	5-10km W	Heard 9 shots		AGL
	5-10km SW	Heard 1 undetermined explosion	N/K	18 December, 20:35
	5-10km SW	Heard 9 bursts	HMG	18 December, 20:38-20:40
		Heard 8 undetermined explosions	N/K	18 December, 20:45
		Heard 1 undetermined explosion		18 December, 20:50
		Heard 33 bursts	Small arms	
		Heard 15 bursts	HMG	18 December, 20:54-20:55
		Heard uncountable overlapping bursts and shots	AGL, HMG and small arms	18 December, 20:57-21:02
		Heard 6 undetermined explosions	Mortar (type N/K)	18 December, 21:00
	6-10km SW	Heard 2 undetermined explosions	N/K	18 December, 21:12
		Heard 4 undetermined explosions		18 December, 21:20
	5-6km SW	Heard 15 bursts	Small arms	18 December, 21:23
	5-10km SW	Heard 1 undetermined explosion	N/K	18 December, 21:25
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-3km W	Heard 5 shots	Small arms	19 December, 09:06-09:08
		Heard 1 undetermined explosion	N/K	
		Heard 8 bursts	HMG	
	2-3km WSW	Heard 11 bursts		19 December, 09:12
	1-2km SW	Heard 11 shots	Small arms	19 December, 09:31
	2-3km NNW	Heard 6 bursts		19 December, 10:00
		Heard 6 shots		19 December, 10:05
	2-3km W	Heard 3 undetermined explosions	N/K	19 December, 10:05
	2-3km N	Heard 3 shots	Small arms	19 December, 10:10
	2-3km NW	Heard 2 undetermined explosions	N/K	19 December, 10:33
	2-3km WSW	Heard 1 undetermined explosion		19 December, 10:38
	2-3km W	Heard 1 undetermined explosion		19 December, 10:57
	1-2km W	Heard 13 shots	Small arms	19 December, 11:00
	2-3km W	Heard 1 burst	HMG	19 December, 11:15
		Heard 15 shots	Small arms	19 December, 11:24
	2-3km SW	Heard 1 undetermined explosion	N/K	19 December, 11:26
		Heard 1 undetermined explosion		19 December, 11:28
	3-5km SW	Heard 2 undetermined explosions		19 December, 11:30
		Heard 1 undetermined explosion		19 December, 11:32
	1-2km W	Heard uncountable overlapping shots	Small arms	19 December, 11:38
2-3km W	Heard 3 bursts	19 December, 11:41		
2-3km W	Heard unaccountable overlapping bursts and shots	HMG and small arms	19 December, 12:57-12:59	
2-4km NNW	Heard 1 undetermined explosion	N/K	19 December, 13:35	
Vuhlehirsk ("DPR"-controlled, 49km NE of Donetsk)	5-8km N	Heard 72 undetermined explosions	N/K	19 December 09:14-09:30
	5-8km NE	Heard 13 explosions (outgoing)		
Talakivka (government-	N/K W	Heard 1 undetermined explosion	N/K	19 December, 09:22

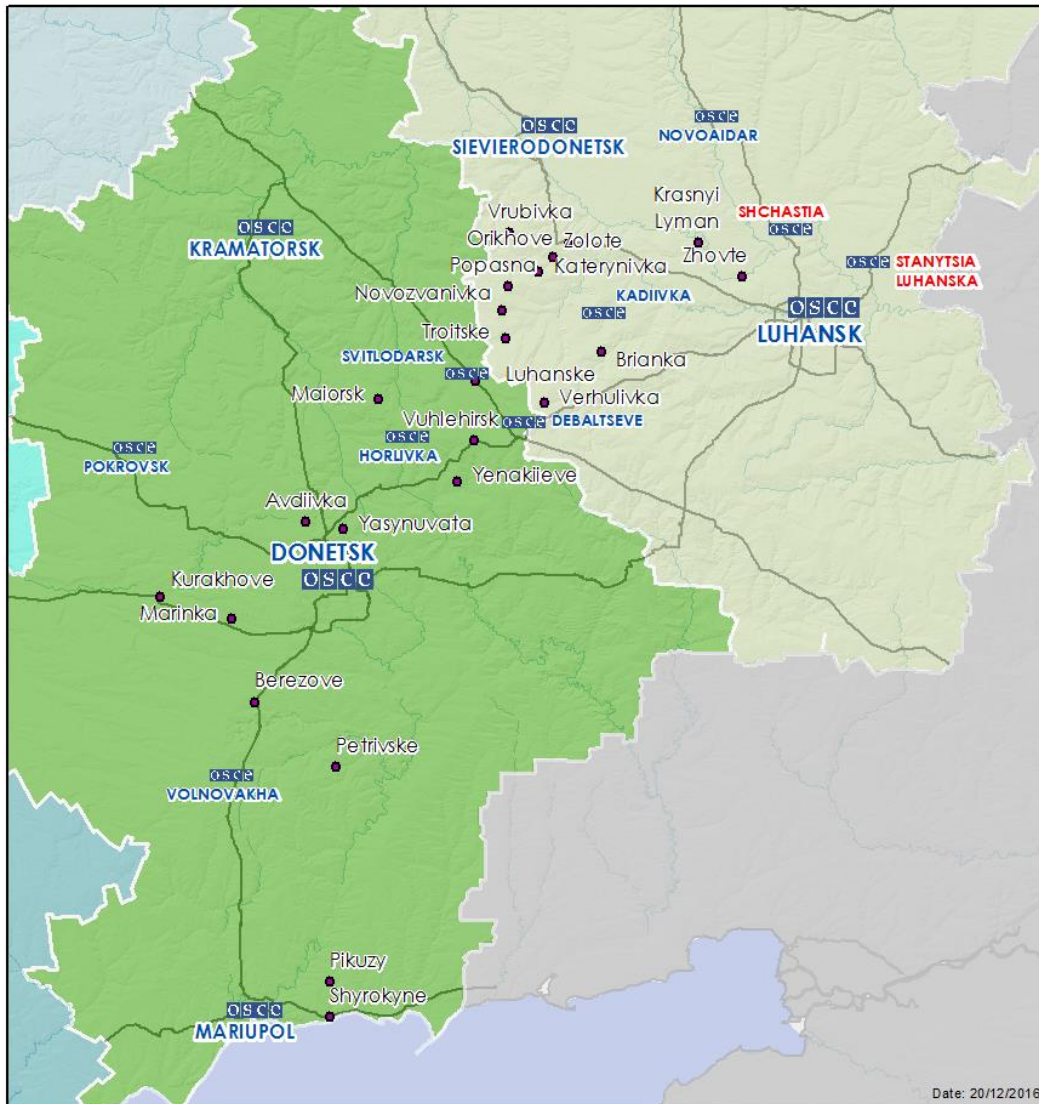
controlled, 17km NE of Mariupol)				
Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	10-15km NNE	Heard 1 undetermined explosion	N/K	19 December, 09:45
	8-10km NNE	Heard 1 undetermined explosion		19 December, 10:40
	5-8km NNE	Heard 1 undetermined explosion		
	7-10km NNE	Heard 1 undetermined explosion		19 December, 11:30
1km NNE of Zaichenko (“DPR”-controlled, 26km NE of Mariupol)	N/K E	Heard 5 explosions (outgoing)	N/K	19 December, 10:54-10:58
	N/K W	Heard 5 explosions (impacts)		
Luhanske (government-controlled, 59km NE of Donetsk)	1.5km NE	Heard uncountable overlapping bursts and shots	Small arms	19 December, 13:08-13:10
		Heard 3 undetermined explosions	Recoilless gun (SPG-9, 73mm)	
	500-800m N/K	Heard 1 explosion (outgoing)	Mortar (120mm)	19 December, 13:35-13:40
		Heard 2 explosions (impacts)		
3km NE of Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	5-8km N	Heard 15 undetermined explosions	N/K	19 December 13:45-13:56
	5-8km NNW	Heard 4 undetermined explosions	N/K	19 December 14:10-14:22
		Heard 2 undetermined explosions		
Heard 1 undetermined explosions				
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6 km ESE	Recorded 1 undetermined explosion	N/K	19 December, 06:25
		Recorded 2 indirect rocket-assisted projectiles from NE to SW		19 December, 06:28
		Recorded 1 undetermined explosion		19 December, 06:29
	3-6km ESE	Recorded 3 undetermined explosions	N/K	19 December, 15:53-15:54
		Recorded 20 rocket-assisted projectiles from N to S		19 December, 15:55-15:56
		Recorded 18 rocket-assisted projectiles from NW to SE		19 December, 16:08-16:17
		Recorded 3 undetermined explosions		19 December, 16:11-16:16
		Recorded 15 tracers from NW to SE		19 December, 16:11
	SMM camera at Stanytsia Luhanska (government controlled, 16km NE of Luhansk)	200m WSW	Recorded 1 flash (assessed as outside the disengagement area)	Small arms
Recorded 1 flash (assessed as outside the disengagement area)			11 December, 20:34	
50m SE		Recorded 2 flashes (assessed as outside the disengagement area)	11 December, 21:41	
300m S		Recorded 1 flash (assessed as inside the disengagement area)	11 December, 22:24	
2km SE		Recorded 1 flash (assessed as outside the disengagement area)	12 December, 02:10	
300m SSW		Recorded 1 flash (assessed as outside the disengagement area)	12 December, 02:55	
1.7km SSW		Recorded 1 flash (assessed as inside the disengagement area)	12 December, 17:04	
600m SE		Recorded 1 flash (assessed as inside the disengagement area)	12 December, 17:37	
2.2km SSE		Recorded 1 flash (assessed as outside the disengagement area)	12 December, 23:39	
		Recorded 1 flash (assessed as outside the disengagement area)	12 December, 23:53	
200m SE		Recorded 1 flash (assessed as outside the disengagement area)	13 December, 02:08	
140m SSW	Recorded 2 flashes (assessed as outside the disengagement area)	N/K	13 December, 05:39	

	2.2km SSE	Recorded 1 burst of flashes (assessed as outside the disengagement area)		13 December, 17:09	
	600m SE	Recorded 1 flash (undetermined whether inside or outside the disengagement area)		13 December, 17:13	
	1.6km SSE	Recorded 1 burst of flashes (assessed as inside the disengagement area)		13 December, 17:14	
		Recorded 1 burst of flashes (assessed as inside the disengagement area)		13 December, 17:32	
	600m SE	Recorded 1 flash (assessed as outside the disengagement area)		13 December, 18:00	
	800m SSW	Recorded 1 flash (assessed as inside the disengagement area)	Small arms	13 December, 18:02	
	350m SW	Recorded 4 flashes (assessed as outside the disengagement area)		13 December, 19:30	
	350m S	Recorded 1 flash (undetermined whether inside or outside the disengagement area)		13 December, 20:14	
	350m SW	Recorded 1 flash (assessed as outside the disengagement area)		13 December, 20:20	
		Recorded 2 flashes (assessed as outside the disengagement area)		13 December, 20:45	
	2.1km SE	Recorded 1 flash (assessed as outside the disengagement area)		13 December, 21:52	
	1.6km S	Recorded 1 projectile from SE to NW (assessed as inside the disengagement area)		Recoilless gun (SPG-9, 73mm)	13 December, 21:55
	830m S	Recorded 1 flash (assessed as inside the disengagement area)		IFV (BMP-1) cannon (73mm)	13 December, 21:55
	1.6km S	Recorded 1 explosion (impact, assessed as inside the disengagement area)		Recoilless gun (SPG-9, 73mm)	13 December, 21:57
	830m S	Recorded 1 flash (assessed as inside the disengagement area)	N/K	13 December, 21:59	
	1.6km S	Recorded 1 projectile from SE to NW (assessed as inside the disengagement area)	Recoilless gun (SPG-9, 73mm)	13 December, 22:04	
		Recorded 1 projectile from SE to NW (assessed as inside the disengagement area)		13 December, 22:05	
		Recorded 1 projectile from SE to NW (assessed as inside the disengagement area)		13 December, 22:08	
		Recorded 1 projectile from SE to NW (assessed as inside the disengagement area)		13 December, 22:13	
		Recorded 1 projectile from SE to NW (assessed as inside the disengagement area)		13 December, 22:13	
	830m S	Recorded 1 projectile from NW to SE (assessed as inside the disengagement area)		13 December, 22:13	
	1.6km S	Recorded 1 projectile from S to NE (assessed as inside the disengagement area)		13 December, 22:16	
	830m S	Recorded 1 projectile from NW to SE (assessed as inside the disengagement area)	N/K	13 December, 22:29	
	1.6km S	Recorded 2 explosions (impacts, assessed as inside the disengagement area)	Recoilless gun (SPG-9, 73mm)	13 December, 22:36	
	830m S	Recorded 1 explosion (impact, assessed as inside the disengagement area)	Mortar (type N/K)	13 December, 22:36	

1.6km SSE	Recorded 1 flash (assessed as inside the disengagement area)	Under-barrel grenade launcher	13 December, 22:39
1.6km S	Recorded 1 explosion (impact, assessed as inside the disengagement area)	Recoilless gun (SPG-9, 73mm)	13 December, 22:39
	Recorded 1 explosion (impact, assessed as inside the disengagement area)		13 December, 22:44
	Recorded 1 projectile from S to N (assessed as inside the disengagement area)		13 December, 22:45
830m S	Recorded 1 projectile from NW to SE (assessed as inside the disengagement area)	N/K	13 December, 22:53
	Recorded 1 projectile from NW to SE (assessed as inside the disengagement area)		13 December, 22:58
	Recorded 1 explosion (impact, assessed as inside the disengagement area)	Mortar (type N/K)	13 December, 22:58
1.6km S	Recorded 3 projectiles from SE to NW (assessed as inside the disengagement area)	Recoilless gun (SPG-9, 73mm)	13 December, 23:00
830m S	Recorded 1 explosion (impact, assessed as inside the disengagement area)	Mortar (type N/K)	13 December, 23:02
	Recorded 1 explosion (impact, assessed as inside the disengagement area)		13 December, 23:04
1.6km SSE	Recorded 2 flashes (assessed as inside the disengagement area)	Under-barrel grenade launcher	13 December, 23:05
1.6km S	Recorded 5 projectiles from SE to NW (assessed as inside the disengagement area)	Recoilless gun (SPG-9, 73mm)	13 December, 23:37
600m SSW	Recorded 1 flash (assessed as inside the disengagement area)	Small arms	14 December, 18:35
1km S	Recorded 1 explosion (impact, assessed as inside the disengagement area)	Mortar (type N/K)	14 December, 20:57
	Recorded 1 projectile from NW to SE (assessed as inside the disengagement area)	IFV (BMP-1) cannon (73mm)	14 December, 21:02
650m SSW	Recorded 1 projectile from NW to SE (assessed as inside the disengagement area)	Recoilless gun (SPG-9, 73mm)	14 December, 21:02
1km S	Recorded 1 projectile from NW to SE (assessed as inside the disengagement area)	RPG	14 December, 21:44
850m S	Recorded 1 projectile from N to S (assessed as inside the disengagement area)		14 December, 21:46
1.5km S	Recorded 1 flash (assessed as inside the disengagement area)	N/K	14 December, 21:46
	Recorded 1 flash (assessed as inside the disengagement area)		14 December, 22:57
1.8km SSE	Recorded 2 flashes (assessed as inside the disengagement area)	Small arms	15 December, 04:07
1.6km S	Recorded 7 flashes (assessed as inside the disengagement area)		15 December, 05:07
100m SE	Recorded 1 flash (assessed as outside the disengagement area)		15 December, 19:52
640m SSW	Recorded 1 flash (assessed as inside the disengagement area)	IFV (BMP-1) cannon (73mm)	15 December, 20:30
400m WSW	Recorded 1 projectile from SE to NW (assessed as inside the disengagement area)	Anti-tank guided missile	15 December, 20:59

	500m SW	Recorded 1 projectile from SE to NW (assessed as inside the disengagement area)		15 December, 21:00
	350m SW	Recorded 1 explosion (undetermined whether inside or outside the disengagement area)		15 December, 21:00
	1km SSE	Recorded 1 projectile N to S (assessed as inside the disengagement area)	N/K	15 December, 21:53
	1.9km S	Recorded 5 flashes (assessed as inside the disengagement area)	Small arms	16 December, 04:07
Pryshyb ("LPR"-controlled, 34km NW of Luhansk)	1km SW	Heard 5 shots	Small arms	19 December, 11:45-12:00
Kalynove ("LPR"-controlled, 60km W of Luhansk)	1km SW	Heard 1 explosion (impact)	Mortar (type N/K)	19 December, 13:17
		Heard 53 shots	Small arms	19 December, 12:50-13:26

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.)