

Table of ceasefire violations as of 17 March 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time		
Donetsk city centre (“DPR”-controlled)	6-8km NNW	Heard 1 undetermined explosion	N/K	16 March, 20:28		
		Heard 1 undetermined explosion		16 March, 22:41		
		Heard 2 undetermined explosions		16 March, 22:50		
		Heard 3 undetermined explosions		16 March, 23:03		
		Heard 2 undetermined explosions		16 March, 23:10		
		Heard 2 undetermined explosions		16 March, 23:11		
	4-6km NW	Heard 2 undetermined explosions		16 March, 23:13		
		Heard 3 undetermined explosions		16 March, 23:14		
		Heard 2 undetermined explosions		16 March, 23:15		
		Heard 2 undetermined explosions		16 March, 23:16		
		Heard 2 undetermined explosions		16 March, 23:17		
		Heard 4 undetermined explosions		16 March, 23:19		
		Heard 2 undetermined explosions		16 March, 23:20		
		Heard 1 undetermined explosion		16 March, 23:57		
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km SE	Recorded 1 undetermined explosion	N/K	16 March, 19:24		
		Recorded 3 undetermined explosions		16 March, 19:35		
		Recorded 1 undetermined explosion		16 March, 19:36		
		Recorded 20 tracer rounds from W to E				
		Recorded 2 illumination flares			16 March, 19:43	
		Recorded 1 undetermined explosion			16 March, 20:28	
		Recorded 1 undetermined explosion			16 March, 20:29	
		Recorded 2 undetermined explosions			16 March, 21:10	
		Recorded 2 undetermined explosions			16 March, 21:15	
		Recorded 1 undetermined explosion			16 March, 21:27	
		Recorded 2 undetermined explosions			16 March, 21:30	
		Recorded 1 undetermined explosion			16 March, 21:58	
		Recorded 2 undetermined explosions			17 March, 00:53	
	Recorded 1 undetermined explosion	17 March, 04:59				
	4-5km SE	Recorded 1 undetermined explosion			17 March, 16:43	
		Recorded 1 undetermined explosion		17 March, 16:45		
		Recorded 2 undetermined explosions		17 March, 17:03		
		Recorded 1 undetermined explosion		17 March, 18:01		
	Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km ESE		Heard unaccountable overlapping bursts and shots	HMG, small arms	16 March, 22:50-23:02
		3-5km SE		Heard unaccountable overlapping bursts and shots		16 March, 23:05-23:10
Heard unaccountable overlapping bursts and shots			16 March, 23:20-23:30			
3-5km E		Heard 2 undetermined explosions	N/K	16 March, 23:22-23:23		
		Heard 4 undetermined explosions	Anti-aircraft cannon (ZU-23, 23mm)	17 March, 06:55-06:58		
3-5km SE		Heard 90 bursts	N/K	17 March, 07:00-07:17		
4-6km SE		Heard 87 undetermined explosions	Recoilless gun (SPG-9, 73mm)	17 March, 07:12-07:21		
		Heard 4 bursts	HMG	17 March, 07:20		
3-5km E		Heard unaccountable overlapping bursts and shots	Small arms	17 March, 07:21		
3-5km SE	Heard unaccountable overlapping bursts and shots					

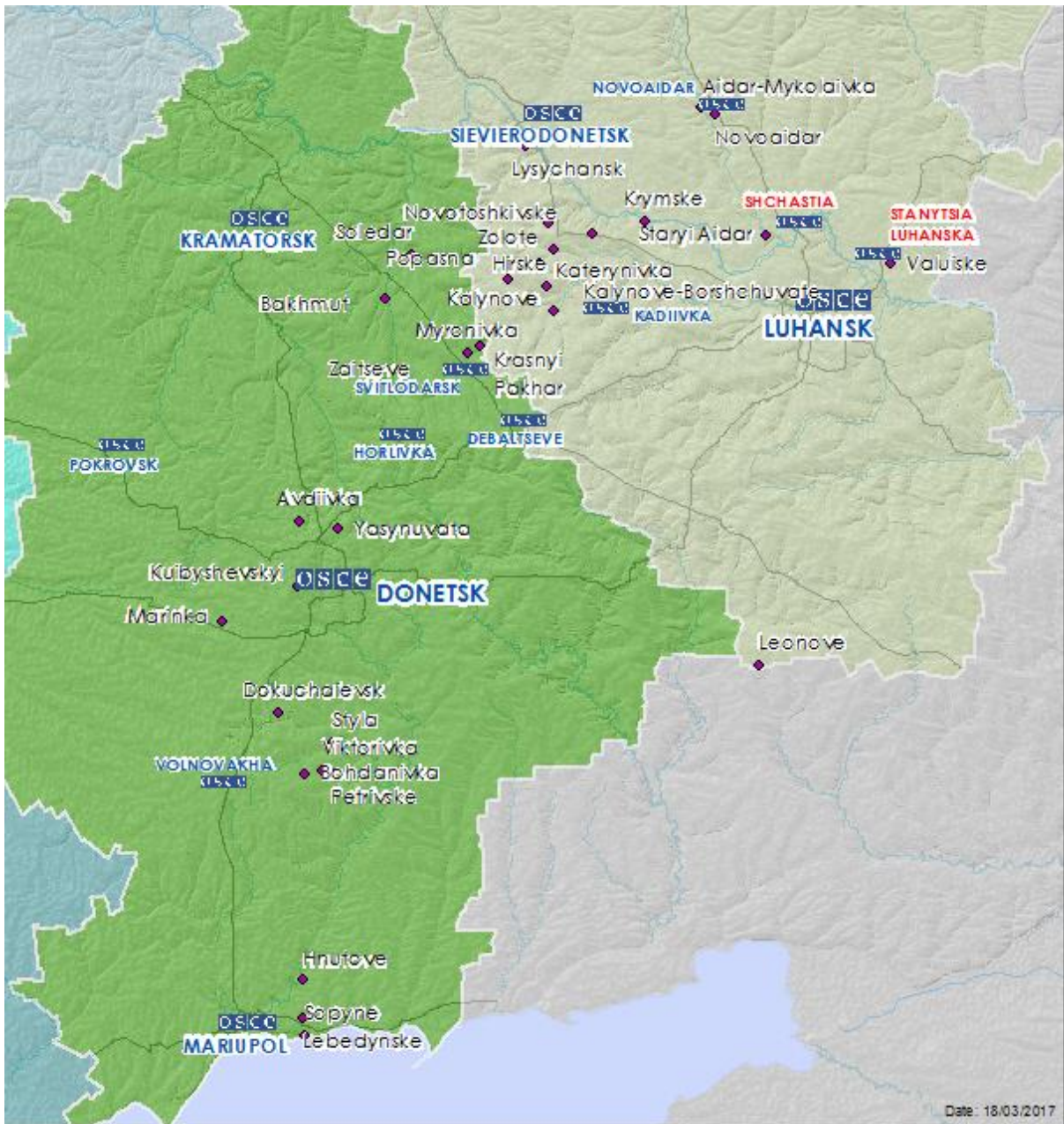
¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, 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 5 undetermined explosions	Recoilless gun (SPG-9, 73mm)	17 March, 07:23
	3-6km S	Heard 5 undetermined explosions		17 March, 07:28-07:32
	2-6km SE	Heard unaccountable overlapping bursts and shots	HMG, small arms	17 March, 07:30-07:33
	2-6km E	Heard 6 undetermined explosions		17 March, 07:33-07:38
	4-6km SE	Heard 1 undetermined explosion		17 March, 07:38
	4-5km E	Heard 17 explosions (impacts)	N/K	17 March, 07:40-07:43
	4-6km ESE	Heard 21 undetermined explosions		17 March, 07:43-07:47
		Heard 14 undetermined explosions		17 March, 08:17-08:18
	6km ESE	Heard 7 undetermined explosions		17 March, 13:47-13:53
	4-5km SE	Heard 12 undetermined explosions	N/K	17 March, 13:52-14:00
	4-6km ESE	Heard 7 bursts	HMG	
		Heard unaccountable overlapping bursts and shots	HMG and small arms	17 March, 13:57-14:00
	4-5km ESE	Heard 4 undetermined explosions	Rocket-propelled grenade (RPG)	17 March, 13:58-14:02
	4-6km SE	Heard 1 explosion (outgoing)		17 March, 17:57
		Heard 2 explosions (outgoing)	N/K	
		Heard 1 burst	HMG	17 March, 18:03
		Heard 1 undetermined explosion	N/K	17 March, 18:20
SMM camera at Oktiabr mine ("DPR"-controlled, 9km NW of Donetsk city centre)	6-8km NE	Recorded 1 undetermined explosion		16 March, 19:24
	7-9km NE	Recorded 1 undetermined explosion	N/K	17 March, 17:22
		Recorded 1 undetermined explosion		17 March, 17:38
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-5km NW	Heard 1 undetermined explosion		17 March, 08:19
	3-5km W	Heard 1 undetermined explosion		17 March, 10:52
	4-5km SW	Heard 1 undetermined explosion	N/K	17 March, 11:36
	3km W	Heard 2 undetermined explosions		17 March, 11:40
	4-5km SW	Heard 2 undetermined explosions		17 March, 11:42
	3km W	Heard 1 undetermined explosion		17 March, 11:43
		Heard 4 bursts	Small arms	17 March, 11:45
	3-5km NW	Heard 13 undetermined explosions	N/K	
3-5km W	Heard 3 undetermined explosions		17 March, 12:00-13:00	
	3-5km NW	Heard 3 shots	Small arms	
Donetsk Water Filtration station, 4km W of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2km SW	Heard 3 undetermined explosions	N/K	17 March, 10:53
		Heard 1 burst	Small arms	17 March, 10:55
		Heard 1 undetermined explosion		17 March, 11:37
		Heard 2 undetermined explosions	N/K	17 March, 11:40
		Heard 1 undetermined explosion		17 March, 11:43
	Heard 2 undetermined explosions		17 March, 11:44	
	100-200m S	Heard 2 shots	Small arms	17 March, 11:45
Petrivske ("DPR"-controlled, 41km south of Donetsk)	2-3km SE (assessed as outside the disengagement area)	Heard 4 shots	Small arms	
		Heard 1 burst		17 March, 09:44-09:50
		Heard 5 bursts		17 March, 09:57
		Heard 16 bursts	HMG	17 March, 10:05-10:07
		Heard 2 bursts		17 March, 10:15
		Heard 2 bursts		17 March, 10:19
2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	N/K SE (unable to assessed whether they occurred inside the disengagement area)	Heard 8 bursts	HMG	17 March, 10:04-10:08
	N/K NNW (assessed as outside the disengagement area)	Heard unaccountable overlapping bursts	HMG, small arms	17 March, 13:05-13:14
E edge of Sopyne (government-controlled, 16km E of Mariupol)	2-5km SE	Heard 20 explosions (outgoing)		
		Heard 31 explosions (impacts)	N/K	17 March, 09:41-09:51
	N/K NE	Heard and saw 3 airbursts		

		Heard 1 undetermined explosion		17 March, 12:00
3km NW of Lebedynske (government-controlled, 16km NE of Mariupol)	3-4km NE	Heard 4 bursts	Anti-aircraft cannon (ZU-23, 23mm)	17 March, 09:30-10:00
		Heard 6 bursts	Small arms	
	4km ENE	Heard 60 undetermined explosions	N/K	
		Heard and saw 10 explosions (outgoing)		
	6-7km E	Heard 5 undetermined explosions		
10km S	Heard 5 undetermined explosions			
N/K NE	Heard 3 undetermined explosions	17 March, 13:45-14:00		
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NE	Heard 6 undetermined explosions	N/K	17 March, 10:20-10:57
		Heard 5 bursts	HMG	
		Heard 1 shot	Small arms	
	N/K E	Heard 3 undetermined explosions	N/K	17 March, 12:35-13:00
1.7 km SW from Kaiutyne ("DPR"-controlled, 47km NE of Donetsk)	2-4km E	Heard 50 shots	HMG	17 March, 10:35-10:45
	3-6km SW	Heard 1 undetermined explosion	N/K	17 March, 10:40
Novohnativka (government-controlled, 40km S of Donetsk)	2-5km NE	Heard 10 bursts	HMG	17 March, 12:00-12:08
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	4-6km N	Heard 5 bursts (3-5 shots each)	Small arms	17 March, 11:50
	3-6km SW	Heard 4 undetermined explosions	N/K	17 March, 13:56-14:00
3km N of Hnutove (government-controlled, 20km NE of Mariupol)	N/K N	Heard 20 explosions (outgoing)	MLRS (type N/K)	17 March, 11:15-11:20
	N/K NE	Heard 20 subsequent explosions (impacts)		
NE of Orlivske (government-controlled, 23km NE of Mariupol)	N/K E	Heard 3 explosions (outgoing)	N/K	17 March, 11:47-12:15
	8-10km ENE	Heard and saw 7 subsequent explosions (impacts)		
		N/K SE		
	8-10km NNE	Heard and saw 1 explosion (impact)	N/K	17 March, 12:18-12:34
	6-8km ENE	Heard and saw 2 explosions (impacts)		
Mariupol (government-controlled, 102km S of Donetsk)	N/K NE	Heard 15 undetermined explosions	N/K	17 March, 15:15-15:30
		Heard 22 undetermined explosions		17 March, 16:10-16:20
SMM camera in Shyrokyne (20km E of Mariupol)	6-8km NE	Recorded 2 explosions (impacts)	N/K	17 March, 16:25
SMM camera in the Zolote disengagement area (government-controlled 60km NW of Luhansk)	8km SE	Recorded 2 undetermined explosions (assessed as outside the disengagement area)	N/K	15 March, 21:06
		Recorded 1 undetermined explosion (assessed as outside the disengagement area)		15 March, 21:17
	6.5km SE	Recorded 1 undetermined explosion (assessed as outside the disengagement area)		15 March, 21:25
	8km S	Recorded 1 undetermined explosion (assessed as outside the disengagement area)		15 March, 21:37
	4km SSE	Recorded 1 undetermined explosion (assessed as outside the disengagement area)		15 March, 21:53
	4km S	Recorded 1 undetermined explosion (assessed as outside the disengagement area)		15 March, 22:40
	4km SSE	Recorded 1 undetermined explosion (assessed as outside the disengagement area)		16 March, 00:45
South of Zolote disengagement area ("LPR"-controlled, 60km NW of Luhansk)	2-3km W	Heard 2 shots (unable to determine whether they occurred inside the disengagement area)	Small arms	17 March, 07:50
	4km W	Heard 1 undetermined explosion (assessed as outside the disengagement area)	Artillery (calibre N/K)	17 March, 09:05
	0.6km N	Heard 1 explosion (impact) and saw a column of smoke rising (assessed as inside the disengagement area)		17 March, 09:11
Kalynove ("LPR"-controlled, 60km W of Luhansk)	3km NW	Heard 1 explosion (impact)	Artillery (calibre N/K)	17 March, 09:05
	10km SE	Heard 1 explosion (outgoing)		17 March, 09:08

Zolote-5 (“LPR”-controlled, 60km W of Luhansk, outside the disengagement area)	10km NW	Heard 1 undetermined explosion (assessed as outside the disengagement area)	N/K	17 March, 09:05
	5km W	Heard 1 undetermined explosion (unable to determine whether they occurred inside the disengagement area)	N/K	17 March, 09:15
		Heard 1 undetermined explosion (unable to determine whether they occurred inside the disengagement area)	N/K	17 March, 09:27
	5-10km WSW	Heard 1 undetermined explosion (assessed as outside the disengagement area)	N/K	17 March, 11:35
Kalynove-Borshchuvate (“LPR”-controlled, 61km W of Luhansk)	3km W	Heard 1 explosion (impact)	Mortar (calibre N/K)	17 March, 10:07
		Heard 4 bursts	Small arms	
Yuzhna-Lomuvatka (“LPR”-controlled, 60km W of Luhansk)	1km SW	Heard 200 shots (assessed as a live-fire exercise)	Small arms	17 March, 11:03-11:15
Sentianivka (formerly Frunze, “LPR”-controlled, 44km W of Luhansk)	5-6km NNE	Heard 1 undetermined explosion	N/K	17 March, 11:14
Popasna (government-controlled, 69km W of Luhansk)	4km SE	Heard 1 undetermined explosion	N/K	17 March, 11:35
Nyzhnie (government-controlled, 56km NW of Luhansk)	7-8km SE	Heard 1 undetermined explosion	N/K	17 March, 11:36
	4-5km S	Heard 1 undetermined explosion		17 March, 11:43
2km S of Staryi Aidar (government-controlled, 20km NW of Luhansk)	10km SW	Heard 2 undetermined explosions	N/K	17 March, 12:50

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 since 27 September based on recommendations of security experts from participating States.)