

**Table of ceasefire violations as of 21 November 2017<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km SE	Heard 3 bursts	HMG	20 November, 18:30
		Heard 9 shots	Small arms	
		Heard 1 undetermined explosion	N/K	
		Heard 11 shots	Small arms	
	3-5km SE	Heard 5 bursts	HMG	20 November, 18:39
	2-4km SE	Heard 1 undetermined explosion	N/K	20 November, 18:57
		Heard 3 undetermined explosions		20 November, 19:00
		Heard 6 bursts	HMG	20 November, 19:02
		Heard 5 bursts		20 November, 19:29
	1-2km SE	Heard 3 shots	Small arms	20 November, 19:41
	3-5km SE	Heard 4 bursts		20 November, 19:59
	2-4km SE	Heard 4 shots	N/K	20 November, 20:20
		Heard 4 undetermined explosions	HMG	20 November, 20:21
		Heard 2 bursts		20 November, 20:26
	5-6km S	Heard 1 undetermined explosion	N/K	20 November, 20:26
	2-4km SE	Heard 9 shots	Small arms	20 November, 20:32
		Heard 3 bursts	HMG	
		Heard 6 shots	Small arms	
		Heard 3 bursts		
	3-5km SE	Heard 2 undetermined explosions	N/K	20 November, 20:41
	2-4km SE	Heard 21 bursts	HMG	20 November, 20:43-20:49
		Heard 31 shots	Small arms	
		Heard 27 bursts		
		Heard 4 bursts		
		Heard 2 shots		
		Heard 5 shots		
		Heard 1 burst		
		Heard 6 shots		
		Heard 1 burst		
		Heard 2 undetermined explosions		
		Heard 5 bursts	Small arms	20 November, 21:34
		Heard 5 shots		
		Heard 13 bursts		
		Heard 11 shots		
		Heard 2 bursts		
		Heard 21 shots		
		Heard 6 bursts		
		Heard 17 bursts		20 November, 21:43
		Heard 11 bursts	HMG	20 November, 21:46
		Heard 6 undetermined explosions	N/K	20 November, 21:47
Heard 11 bursts		Small arms	20 November, 21:48	
Heard 13 bursts				
Heard 3 shots				
Heard 5 bursts				
Heard 4 bursts				
Heard 8 bursts			HMG	20 November, 22:26
Heard 7 shots			Small arms	20 November, 22:28
Heard 2 bursts			HMG	20 November, 22:29
Heard 6 shots			Small arms	20 November, 22:31
Heard 29 bursts			HMG	20 November, 22:37
Heard 27 bursts		Small arms	20 November, 22:39	
Heard 14 shots			20 November, 22:40	

<sup>1</sup> 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 4 bursts	HMG	20 November, 22:46	
		Heard 4 bursts		20 November, 22:54	
		Heard 7 shots	Small arms	20 November, 23:00	
		Heard 14 shots		20 November, 23:09	
		Heard 1 undetermined explosion	N/K	20 November, 23:31	
		Heard 3 bursts	HMG	20 November, 23:35	
		Heard 5 shots	Small arms	20 November, 23:40	
		Heard 11 shots		20 November, 23:42	
	2-4km SE	Heard 6 explosions (outgoing) Heard 6 subsequent explosions (impacts)	N/K	21 November, 11:30-11:35	
					8km SE
		3-6km SE		Heard 3 undetermined explosions	
					2-4km SE
		2-4km SSW		Heard 2 undetermined explosions Heard 1 undetermined explosion	
					2-4km SE
2-4km SE		Heard 1 undetermined explosion		21 November, 18:11	
				2-4km SE	Heard 1 undetermined explosion
2-4km SE	Heard 1 undetermined explosion	21 November, 18:25			
		Zalizne (former Artemove) (government-controlled, 42km NE of Donetsk)		2km NW	Heard 1 undetermined explosion
Zaitseve (government-controlled, 50km NE of Donetsk)	5-7km S				
		Kodema (government-controlled, 57km NE of Donetsk)		5-7km S	Heard 1 explosion (outgoing)
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	3-4km SW				Heard 1 subsequent explosion (impact)
		3-4km SSW		Heard 10 bursts	Heard 6 explosions (outgoing)
3-4km SW	Heard 3 explosions (outgoing) Heard 10 shots		Heard 10 explosions (outgoing)		N/K
		3-4km SSW	Heard 4 burst	Heard 7 explosions (outgoing)	HMG
3-4km SSW	Heard 4 burst			Heard 10 bursts	Mortar (82mm)
		3-4km SSW	Heard 4 burst	Heard 3 explosions (outgoing)	AGL
3-4km SSW	Heard 4 burst			Heard 10 shots	AGL
		3-4km SSW	Heard 4 burst	Heard 5 shots	HMG
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5km S			Recorded 2 projectiles from E to W	N/K
		Recorded 1 undetermined explosion	20 November, 18:47		
Recorded 6 projectiles from E to W	20 November, 18:49				
Recorded 2 projectiles from E to W	20 November, 18:50				
Recorded 4 undetermined explosions	20 November, 20:56				
Recorded 1 undetermined explosion	20 November, 20:57				
Recorded 2 undetermined explosions	20 November, 21:14				
Recorded 7 projectiles from W to E	21 November, 18:26				
SMM camera in Petrivske ("DPR"-controlled, 41km S of Donetsk)	0.5-1km WSW	Recorded 1 tracer from S to N (assessed as inside the disengagement area)	N/K	18 November, 18:07	
	0.5-1km SSW	Recorded 2 tracers from W to E (assessed as inside the disengagement area)		18 November, 18:10	
	0.5-1km WSW	Recorded 2 tracers from S to N (assessed as inside the disengagement area)		18 November, 18:29	
	0.5-1km SSW	Recorded 1 tracer from W to E (assessed as inside the disengagement area)		18 November, 18:35	
	0.5-1km S	Recorded 5 tracers from S to N (unable to assess whether inside or outside the disengagement area)		19 November, 18:10	
				Recorded 1 tracer from W to E	19 November, 18:15

		(assessed as inside the disengagement area)		
		Recorded 1 tracer from E to W (assessed as inside the disengagement area)		19 November, 18:28
	1-2km SW	Recorded 1 tracer from N to S (assessed as inside the disengagement area)		19 November, 18:33
	0.5-1km S	Recorded 35 tracers from W to E (assessed as inside the disengagement area)		19 November, 20:27-20:28
Railway station in Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-4km W	Heard 1 undetermined explosion	N/K	21 November, 08:50
	2-3km NW	Heard 2 undetermined explosions		21 November, 10:13
		Heard 5 shots	Small arms	21 November, 11:25
	2-3km N	Heard 3 bursts		HMG
		Heard 1 burst		
	2-3km NW	Heard 1 undetermined explosion	N/K	21 November, 12:24
	2-3km N	Heard 3 bursts	Small arms	21 November, 13:27-13:30
2-3km NW	Heard 2 shots			
		Heard 1 undetermined explosion	N/K	
SW edge of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-3km N	Heard 3 shots	Small arms	21 November, 09:58
		Heard 15 bursts		21 November, 10:01
	2-3km NW	Heard 1 undetermined explosion	N/K	21 November, 10:03
3.6km SW of Holmivskiyi ("DPR"-controlled, 49km NE of Donetsk)	2km ENE	Heard 1 undetermined explosion	N/K	21 November, 13:37
1km NNW of Pyshechyk (government controlled, 25km NE of Mariupol)	N/K S	Heard 1 undetermined explosion	N/K	21 November, 09:24
		Heard 1 undetermined explosion		21 November, 09:44
		Heard 2 undetermined explosions		21 November, 10:10
		Heard 2 undetermined explosions		21 November, 10:23
2km SE of Lebedynske (government-controlled, 15km NE of Mariupol)	N/K N	Heard 1 undetermined explosion	N/K	21 November, 11:37
		Heard 2 bursts		
			HMG	
2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K E	Heard 1 undetermined explosion	N/K	21 November, 13:05
N edge of Popasna (government-controlled, 69km W of Luhansk)	5-6km SE	Heard 8 bursts	HMG	20 November, 18:55-19:00
	7-8km S	Heard 9 shots	IFV (BMP-2) cannon (30mm)	
	5-6km SE	Heard 2 bursts	HMG	20 November, 21:24
	6-7km SE	Heard 7 explosions (impacts)	AGL (30mm)	20 November, 22:05
S edge of Krasnyi Lyman ("LPR"-controlled, 30km NW of Luhansk)	5km NW	Heard 1 burst (6 shots)	HMG	21 November, 10:15
Stanytsia Luhanska bridge (15km NE of Luhansk)	1km SW	Heard 1 burst (assessed as outside the disengagement area)	HMG	21 November, 09:57
SE edge of Vesela Hora ("LPR"-controlled, 16km N of Luhansk)	1-2km NNW	Heard 1 explosion	Assessed as mine (possibly anti-tank)	21 November, 12:55

Map of Donetsk and Luhansk regions<sup>2</sup>



<sup>2</sup> 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 base from which SMM staff has temporarily relocated since 27 September 2016 based on recommendations of security experts from participating States.)