

Table of ceasefire violations as of 5 December 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km ESE	Recorded 1 undetermined explosion	N/K	4 December, 22:28
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5km S	Recorded 1 projectile from E to W	N/K	4 December, 18:35
		Recorded 10 projectiles from E to W		4 December, 19:09
		Recorded 1 undetermined explosion		4 December, 19:10
		Recorded 5 projectiles from E to W		4 December, 19:14
		Recorded 1 projectile from E to W		4 December, 19:28
		Recorded 2 projectiles from E to W		4 December, 19:31
		Recorded 1 projectile from E to W		4 December, 19:33
		Recorded 4 projectiles from E to W		4 December, 19:34
		Recorded 2 projectiles from E to W		4 December, 20:11
		Recorded 2 projectiles from E to W		4 December, 20:12
		Recorded 1 projectile from E to W		4 December, 20:21
		Recorded 10 projectiles from E to W		4 December, 20:26-20:27
		Recorded 3 undetermined explosions		
		Recorded 1 undetermined explosion		4 December, 20:27
		Recorded 2 undetermined explosions		4 December, 21:06
		Recorded 1 projectile from E to W		
		Recorded 1 undetermined explosion		4 December, 21:26
		Recorded 2 undetermined explosions		4 December, 21:27
		Recorded 1 projectile from W to E		4 December, 21:35
		Recorded 1 undetermined explosion		4 December, 21:59
		Recorded 3 undetermined explosions		
		Recorded 2 projectiles from E to W		4 December, 22:14
		Recorded 4 projectiles from E to W		
		Recorded 5 undetermined explosions		4 December, 22:15
		Recorded 3 undetermined explosions		
		Recorded 1 projectile from E to W		4 December, 22:17
		Recorded 12 projectiles from E to W		
		Recorded 6 undetermined explosions		4 December, 22:18
		Recorded 1 undetermined explosion		
		Recorded 1 projectile from E to W		4 December, 22:19
		Recorded 1 undetermined explosion		
		Recorded 2 undetermined explosions		4 December, 22:25
		Recorded 2 undetermined explosions		4 December, 22:27
		Recorded 2 undetermined explosions		4 December, 22:28
		Recorded 2 undetermined explosions		4 December, 22:32
		Recorded 4 projectiles from E to W		4 December, 22:36
		Recorded 1 undetermined explosion		
		Recorded 2 undetermined explosions		4 December, 22:38
		Recorded 2 projectiles from E to W		
		Recorded 6 projectiles from E to W		4 December, 22:39
Recorded 7 projectiles from E to W	4 December, 22:40			
Recorded 1 undetermined explosion	4 December, 22:41			
Recorded 21 projectiles from E to W				
Recorded 9 undetermined explosions	4 December, 22:42			
Recorded 4 projectiles from E to W				
Recorded 1 undetermined explosion	4 December, 22:43			
Recorded 2 projectiles from E to W				

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.

		Recorded 2 undetermined explosions		
		Recorded 6 projectiles from E to W		4 December, 22:44
		Recorded 2 projectiles from E to W		4 December, 22:45
		Recorded 8 projectiles from E to W		4 December, 22:46
		Recorded 2 projectiles from E to W		
		Recorded 1 undetermined explosion		4 December, 22:47
		Recorded 1 projectile from E to W		4 December, 22:48
		Recorded 1 projectile from E to W		4 December, 22:50
		Recorded 2 projectiles from E to W		4 December, 22:51
		Recorded 2 projectiles from E to W		4 December, 22:53
		Recorded 3 projectiles from E to W		4 December, 22:55
		Recorded 1 undetermined explosion		5 December, 00:13
		Recorded 1 undetermined explosion		5 December, 00:20
		Recorded 1 undetermined explosion		5 December, 00:56
		Recorded 8 projectiles from E to W		
		Recorded 2 undetermined explosions		5 December, 02:32
		Recorded 8 projectiles from E to W		5 December, 02:33
		Recorded 2 projectiles from E to W		5 December, 02:34
		Recorded 1 undetermined explosion		
		Recorded 1 undetermined explosion		5 December, 02:35
		Recorded 5 projectiles from E to W		5 December, 02:36
		Recorded 3 undetermined explosions		
		Recorded 2 projectiles from E to W		5 December, 02:37
		Recorded 2 undetermined explosions		
		Recorded 2 projectiles from E to W		5 December, 02:39
		Recorded 8 undetermined explosions		5 December, 02:41
		Recorded 1 projectile from E to W		5 December, 02:44
		Recorded 3 undetermined explosions		
		Recorded 1 projectile from E to W		5 December, 02:46
		Recorded 1 undetermined explosion		
		Recorded 2 projectiles from E to W		5 December, 03:09
		Recorded 3 undetermined explosions		5 December, 03:45
		Recorded 2 undetermined explosions		5 December, 04:20
		Recorded 2 projectiles from E to W		5 December, 04:21
		Recorded 1 projectile from E to W		
		Recorded 6 undetermined explosions		5 December, 04:30
		Recorded 1 projectile from E to W		5 December, 04:32
		Recorded 1 undetermined explosion		5 December, 04:33
		Recorded 4 projectiles from E to W		5 December, 04:34
		Recorded 3 undetermined explosions		5 December, 04:44
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	N/K	Recorded 1 projectile (trajectory N/K)	N/K	4 December, 21:44
SMM camera in Shyrokyne (20km E of Mariupol)	5-8km N	Recorded 8 projectiles from E to W	N/K	4 December, 21:07
		Recorded 6 projectiles from E to W		4 December, 21:56
		Recorded 4 projectiles from E to W		4 December, 22:07
		Recorded 2 projectiles from E to W		
		Recorded 1 projectile from W to E		5 December, 00:50
		Recorded 3 projectiles from E to W		5 December, 00:51
		Recorded 7 projectiles from E to W		5 December, 01:21
		Recorded 7 projectiles from E to W		5 December, 01:22
		Recorded 2 projectiles from E to W		5 December, 01:31
		Recorded 1 projectile from E to W		5 December, 01:58
		Recorded 8 projectiles from E to W		5 December, 02:05
		Recorded 4 projectiles from E to W		5 December, 02:18
		Recorded 1 projectile from E to W		5 December, 02:37
		Recorded 4 projectiles from W to E		5 December, 02:49
Recorded 1 undetermined explosion	5 December, 05:10			
SMM camera in Zolote (government-controlled, 60km	3-8km ESE	Recorded 1 projectile (trajectory N/K) (assessed as outside the disengagement area)	N/K	3 December, 21:08

NW of Luhansk)					
SMM camera in Petrivske (“DPR”-controlled, 41km S of Donetsk)	1-2km S	Recorded 6 tracers from W to E (unable to assess whether inside or outside the disengagement area)	N/K	3 December, 16:08	
		Recorded 2 tracers from W to E (unable to assess whether inside or outside the disengagement area)		3 December, 21:39	
Railway station in Yasinuvata (“DPR”-controlled, 16km NE of Donetsk)	2-3km NW	Heard 10 bursts	HMG	5 December, 09:32-09:57	
		Heard 9 undetermined explosions	N/K		
		Heard 6 bursts	Small arms		
		Heard 30 shots			
4-6km W	Heard 2 undetermined explosions	N/K			
SW edge of Yasinuvata (“DPR”-controlled, 16km NE of Donetsk)	5-8km NNW	Heard 4 undetermined explosions	N/K	5 December, 10:07-10:27	
	2-3km W	Heard 2 shots	Small arms		
	2-3km NNW	Heard 2 undetermined explosions	N/K		
	1-2km NW	Heard 2 undetermined explosions			
	1-2km NNW	Heard 10 shots	Small arms		
		1-2km WNW			Heard 3 shots
	10-12km NNE	Heard 1 undetermined explosion	N/K		
	4-5km W	Heard 1 undetermined explosion			5 December, 10:31
	3-4km NNW	Heard 20 shots	Small arms		5 December, 10:53-10:59
	1-2km W	Heard 1 undetermined explosion	N/K		
	3-4km WSW	Heard 5 bursts	HMG		
	2-3km W	Heard 1 shot	Small arms		
		Heard 1 undetermined explosion	N/K		
	2-3km NW	Heard 37 undetermined explosions	Small arms	5 December, 11:00-11:30	
		Heard 4 bursts			
		Heard 15 bursts	HMG		
		Heard 9 shots			
	2-3km NW	Heard 40 undetermined explosions	N/K	5 December, 11:33-12:00	
	2-3km N	Heard 10 bursts	HMG		
	2-3km W	Heard 4 undetermined explosions	N/K		
	2-3km N	Heard 4 undetermined explosions			
	2-3km W	Heard 10 bursts	Small arms		
	2-3km NW	Heard 34 bursts	HMG		
		Heard 20 bursts	Small arms		
	3-4km NW	Heard 16 undetermined explosions	N/K		
	2-3km NW	Heard 55 undetermined explosions	Small arms	5 December, 12:05-12:30	
		Heard 36 bursts			
	1-2km NW	Heard 18 shots			
	2-3km NW	Heard 15 shots	HMG		
	2-3km W	Heard 3 undetermined explosions	N/K		
	1-2km W	Heard uncountable overlapping bursts and shots	HMG/small arms	5 December, 12:31-12:44	
		Heard 9 undetermined explosions			
2-3km NW	Heard 4 undetermined explosions	N/K			
2-3km W	Heard 22 undetermined explosions				
2-3km WSW	Heard 7 undetermined explosions				
2-3km WSW	Heard 16 bursts	HMG	5 December, 12:45-12:57		
	Heard 8 shots				
2-4km WSW	Heard 1 undetermined explosion	N/K			
2-3km WSW	Heard 11 shots	HMG			
2-3km NW	Heard 9 undetermined explosions	N/K	5 December, 13:00-13:30		
	Heard 30 shots	HMG			
	Heard 6 bursts	Small arms			
	Heard 47 shots				
	Heard 36 shots		5 December, 13:30-13:56		
Heard 42 bursts	HMG				
2-3km N	Heard 36 shots	Small arms	5 December, 14:00-14:15		
6-8km NE	Heard 10 shots				
2-3km NW	Heard 10 bursts	HMG			
	Heard 50 undetermined explosions	N/K			

	1-2km W	Heard 10 undetermined explosions			
	2-5km WNW	Heard uncountable overlapping bursts and shots	HMG	5 December, 14:15-14:30	
	1-2km W	Heard 4 undetermined explosions	N/K	5 December, 14:29-14:45	
	2-3km W	Heard 8 shots	HMG		
	1-3km W	Heard 32 undetermined explosions	N/K		
		Heard 15 bursts	HMG		
	2-4km N	Heard 3 undetermined explosions	N/K		
	1-3km NW	Heard 6 undetermined explosions			
2-3km WSW	Heard 7 bursts	HMG			
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Heard 4 undetermined explosions		5 December, 11:58-12:06	
		Heard 15 undetermined explosions	N/K	5 December, 12:15-12:33	
		Heard 9 undetermined explosions		5 December, 12:35-12:42	
		Heard 4 bursts	HMG		
		Heard 2 bursts	Small arms		
Petrivske (“DPR”-controlled, 41km S of Donetsk)	4-10km WNW	Heard 10 undetermined explosions (assessed as outside the disengagement area)	N/K	5 December, 10:25-10:40	
	500m WNW	Heard 1 shot (assessed as outside the disengagement area)	Small arms	5 December, 11:00	
Oleksandrivka (“DPR”-controlled, 20km SW of Donetsk)	1-3km W	Heard 6 undetermined explosions	N/K	5 December, 09:30-09:35	
Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	2-4km N	Heard 9 undetermined explosions	N/K	5 December, 14:15-14:24	
	2-4km NNE	Heard 26 bursts	HMG		
			Heard 17 undetermined explosions		
	2-4km NNW	Heard 2 undetermined explosions	N/K	5 December, 14:25-14:35	
2-4km NNE	Heard 29 undetermined explosions				
1.6km SSE of Zernove (“DPR”-controlled, 33km S of Donetsk)	10-15km W	Heard 1 undetermined explosion	N/K	5 December, 10:27	
E edge of Mykolaivka (“DPR”-controlled, 39km NE of Mariupol)	N/K W	Heard 1 explosion (outgoing)	N/K	5 December, 12:55	
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	10-12km SW	Heard 15 undetermined explosions	N/K	4 December, 19:38	
		Heard 12 undetermined explosions		4 December, 20:01	
		Heard 2 undetermined explosions		4 December, 20:22	
		Heard 1 undetermined explosion		4 December, 21:28	
	8-10km SW	Heard 1 undetermined explosion		4 December, 21:50	
	10-12km SW	Heard 4 undetermined explosions		4 December, 22:09	
		Heard 3 undetermined explosions		4 December, 22:14	
	8-10km SW	Heard 3 undetermined explosions		4 December, 22:17	
	10-12km SW	Heard 6 undetermined explosions		4 December, 22:21	
	8-10km SW	Heard 5 undetermined explosions		4 December, 22:27	
	10-12km SW	Heard 10 undetermined explosions		4 December, 22:28	
	4-5km SW	Heard 12 bursts		HMG	4 December, 22:41
	8-10km SW	Heard 4 undetermined explosions		N/K	
	4-5km SW	Heard 10 bursts		HMG	4 December, 22:52
Heard 4 undetermined explosions		N/K	4 December, 22:54		
0.8-1km SW	Heard 191 shots	Small arms	5 December, 13:38-14:31		
NW edge of Horlivka (“DPR”-controlled, 39km NE of Donetsk)	6-8km SSW	Heard 3 undetermined explosions	N/K	5 December, 09:30	
		Heard 2 undetermined explosions		5 December, 10:20-10:22	
		Heard 1 undetermined explosion		5 December, 10:27	
	2-4km N	Heard 3 bursts	Small arms	5 December, 10:40	
	6-8km SSW	Heard 1 undetermined explosion	N/K	5 December, 10:54	
	5-7km SW	Heard 8 undetermined explosions		5 December, 11:10-11:14	
	6-8km SW	Heard 3 undetermined explosions		5 December, 11:20-11:21	
		Heard 4 undetermined explosions		5 December, 11:26-11:33	
	6-8km S	Heard 5 undetermined explosions		5 December, 11:35-11:42	
		Heard 3 undetermined explosions		5 December, 11:42-11:50	
6-8km SW	Heard 12 undetermined explosions			5 December, 12:00-12:10	

		Heard 4 undetermined explosions		5 December, 12:12-12:15	
		Heard 4 undetermined explosions		5 December, 12:18-12:20	
		Heard 11 undetermined explosions		5 December, 12:21-12:25	
		Heard 7 undetermined explosions		5 December, 12:26-12:30	
		Heard 5 undetermined explosions		5 December, 12:32-12:35	
		Heard 10 undetermined explosions		5 December, 12:36-12:40	
		Heard 13 undetermined explosions		5 December, 12:41-12:50	
		Heard 2 undetermined explosions		5 December, 14:50	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SE	Heard 3 bursts	HMG	4 December, 18:00	
		Heard 6 bursts		4 December, 18:19	
	8-10km SW	Heard 1 undetermined explosion		4 December, 18:44	
	5-7km NE	Heard 10 explosions (outgoing)	N/K	4 December, 20:30	
		Heard 12 explosions (outgoing)		4 December, 20:35	
		Heard 14 explosion (outgoing)		4 December, 20:40	
	3-4km SE	Heard 5 bursts	HMG	4 December, 21:05	
	5-7km NE	Heard 8 explosions (outgoing)	N/K	4 December, 21:17	
		Heard 2 explosions (outgoing)		4 December, 22:00	
		Heard 2 explosions (outgoing)		4 December, 22:06	
Heard 8 explosions (outgoing)		4 December, 22:20			
4-6km SE	Heard 6 explosions (outgoing)		4 December, 22:43		
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	1km S	Heard 3 bursts (assessed as outside the disengagement area)	HMG	4 December, 18:40	
Popasna (government-controlled, 69km W of Luhansk)	10-15km SW	Heard 30 explosions (impacts)	Artillery (type N/K)	4 December, 20:30-20:50	
		Heard 23 undetermined explosions			
	3-5km SE	Heard 11 undetermined explosions	IFV (BMP-1) cannon (73mm)	4 December, 21:15-21:30	
	10-15km SW	Heard 80 undetermined explosions	Artillery (type N/K)	4 December, 21:50-23:00	
	5km SE	Heard 22 undetermined explosions	Mortar (type N/K)		
		Heard 3 explosions (impacts)			
	10-15km SW	Heard 30 undetermined explosions	Artillery (type N/K)	4 December, 23:20-23:50	
	5km SE	Heard 15 undetermined explosions	Mortar (type N/K)		
	5km SE	Heard 8 undetermined explosions	Artillery (type N/K)	5 December, 00:30	
	2-3km SE	Heard 20 shots	AGL	5 December, 01:11-01:39	
5km SE	Heard 7 explosions (impacts)	Artillery (type N/K)			
4-8km SE	Heard 20 explosions (impacts)	Mortar (type N/K)	5 December, 02:00-02:12		
	Heard 36 undetermined explosions				
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	10-18km WSW	Heard 114 undetermined explosions	N/K	4 December, 20:36-21:23	
	10-18km WSW/SW	Heard 17 undetermined explosions		4 December, 22:31-22:46	
	10-18km WSW	Heard 19 undetermined explosions		4 December, 23:24-23:50	
	6-9km WNW	Heard 12 undetermined explosions		5 December, 00:15-00:24	
	10-15km N	Heard 9 undetermined explosions		5 December, 00:28-00:30	
	10-18km WSW	Heard 4 undetermined explosions			
	8-14km W	Heard 3 undetermined explosions		5 December, 01:12-01:20	
	8-14km W	Heard 17 undetermined explosions			
	6-9km N/K	Heard around 100 overlapping explosions (outgoing) (assessed as salvos)		MLRS (BM-21 Grad, 122mm)	5 December, 01:34
	8-14km W	Heard 16 undetermined explosions		N/K	5 December, 01:59-02:13
S edge of Krasnyi Lyman ("LPR"-controlled, 30km NW of Luhansk)	5km W	Heard 2 undetermined explosions	N/K	5 December, 10:05	
	5km NW	Heard 1 undetermined explosion			
W edge of Pervomaisk ("LPR"-	3-4km SSW	Heard 1 shot	Small arms	5 December, 10:09	

controlled, 58km W of Luhansk)				
NE edge of Kruta Hora ("LPR"-controlled, 16km NW of Luhansk)	6km NW	Heard 2 undetermined explosions	N/K	5 December, 12:30
		Heard 4 undetermined explosions		5 December, 12:35
NE edge of Popasna (government-controlled, 69km W of Luhansk)	8-10km SSW	Heard 3 undetermined explosions	N/K	5 December, 12:42

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